

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082120\
 Data File : VX018051.D
 Acq On : 21 Aug 2020 12:04
 Operator : JC/SP
 Sample : VX0821WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS01

Manual Integrations
 APPROVED

sam
 8/24/2020 5:50:04 PM

Quant Time: Aug 22 00:02:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	638676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	997923	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	874640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	460345	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	410122	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
35) Dibromofluoromethane	5.46	113	326579	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
50) Toluene-d8	8.70	98	1121320	44.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.60%	
62) 4-Bromofluorobenzene	11.12	95	442918	44.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	148730	19.127	ug/l	100
3) Chloromethane	1.31	50	143474	17.501	ug/l	98
4) Vinyl Chloride	1.39	62	147625	18.089	ug/l	97
5) Bromomethane	1.63	94	97893	24.870	ug/l	96
6) Chloroethane	1.72	64	87450	19.951	ug/l	98
7) Trichlorofluoromethane	1.92	101	224195	20.147	ug/l	99
8) Diethyl Ether	2.17	74	75067	19.892	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	114142	18.973	ug/l	96
10) Methyl Iodide	2.49	142	106471	20.079	ug/l	99
11) Tert butyl alcohol	3.01	59	147223	85.398	ug/l	98
12) 1,1-Dichloroethene	2.36	96	109570	17.555	ug/l	94
13) Acrolein	2.27	56	64842	90.710	ug/l	97
14) Allyl chloride	2.71	41	211468	18.858	ug/l	99
15) Acrylonitrile	3.12	53	354143	90.560	ug/l	99
16) Acetone	2.42	43	306128	88.607	ug/l	98
17) Carbon Disulfide	2.55	76	347438	18.414	ug/l	99
18) Methyl Acetate	2.75	43	149202	17.896	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	427062	19.951	ug/l	99
20) Methylene Chloride	2.83	84	139846	19.074	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	133414	19.293	ug/l	96
22) Diisopropyl ether	3.82	45	452805	20.459	ug/l	93
23) Vinyl Acetate	3.78	43	1994170	101.261	ug/l	99
24) 1,1-Dichloroethane	3.67	63	249552	19.808	ug/l	98
25) 2-Butanone	4.64	43	517279	91.102	ug/l	96
26) 2,2-Dichloropropane	4.55	77	222118	21.668	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	152955	19.198	ug/l	99
28) Bromochloromethane	4.97	49	116601	19.174	ug/l	98
29) Tetrahydrofuran	5.09	42	328734	90.948	ug/l	100
30) Chloroform	5.18	83	255865	19.614	ug/l	98
31) Cyclohexane	5.55	56	217114	20.458	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	235493	19.671	ug/l	100
36) 1,1-Dichloropropene	5.77	75	188697	20.501	ug/l	100
37) Ethyl Acetate	4.79	43	207292	19.391	ug/l	98
38) Carbon Tetrachloride	5.75	117	210478	20.291	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	212811	21.144	ug/l	98
40) Benzene	6.11	78	547090	20.228	ug/l	100
41) Methacrylonitrile	5.00	41	109354	18.630	ug/l	97
42) 1,2-Dichloroethane	6.16	62	208714	20.142	ug/l	99
43) Isopropyl Acetate	6.41	43	328317	19.014	ug/l	99
44) Trichloroethene	7.19	130	152552	19.962	ug/l	95
45) 1,2-Dichloropropane	7.49	63	145877	20.012	ug/l	96
46) Dibromomethane	7.63	93	96306	18.788	ug/l	100
47) Bromodichloromethane	7.87	83	201510	19.688	ug/l	98
48) Methyl methacrylate	7.74	41	153666	17.877	ug/l	99
49) 1,4-Dioxane	7.71	88	54700	351.316	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	915542	85.839	ug/l	100
52) Toluene	8.76	92	316368	18.447	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	217799	19.200	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	229424	19.092	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	134613	18.404	ug/l	97
56) Ethyl methacrylate	9.16	69	194644	17.901	ug/l	99
57) 1,3-Dichloropropane	9.35	76	236731	19.623	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	403444	82.481	ug/l	100
59) 2-Hexanone	9.47	43	711578	87.739	ug/l	98
60) Dibromochloromethane	9.56	129	155336	18.104	ug/l	98
61) 1,2-Dibromoethane	9.65	107	136320	17.167	ug/l	95
64) Tetrachloroethene	9.32	164	142866	22.228	ug/l	95
65) Chlorobenzene	10.12	112	343391	19.658	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	138129	20.063	ug/l	99
67) Ethyl Benzene	10.24	91	648825	21.841	ug/l	100
68) m/p-Xylenes	10.34	106	490992	44.282	ug/l	98
69) o-Xylene	10.68	106	233447	21.719	ug/l	98
70) Styrene	10.70	104	399389	21.819	ug/l	99
71) Bromoform	10.84	173	114137	19.436	ug/l #	96
73) Isopropylbenzene	11.00	105	631332	20.792	ug/l	98
74) N-amyl acetate	10.88	43	284843	19.771	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	196266	18.323	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	186580m	18.220	ug/l	
77) Bromobenzene	11.24	156	163174	19.441	ug/l	98
78) n-propylbenzene	11.34	91	694777	20.151	ug/l	100
79) 2-Chlorotoluene	11.40	91	416462	19.551	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	511350	20.493	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	73049	19.266	ug/l	97
82) 4-Chlorotoluene	11.49	91	482448	19.052	ug/l	99
83) tert-Butylbenzene	11.76	119	500383	20.320	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	521006	20.423	ug/l	100
85) sec-Butylbenzene	11.93	105	576229	20.577	ug/l	99
86) p-Isopropyltoluene	12.05	119	542945	21.108	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	280650	19.044	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	283064	19.184	ug/l	98
89) n-Butylbenzene	12.37	91	490849	20.907	ug/l	99
90) Hexachloroethane	12.58	117	100715	19.901	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	275438	19.856	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	49607	18.522	ug/l	94

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	182899	19.773	ug/l	100
94) Hexachlorobutadiene	13.77	225	75069	20.575	ug/l	97
95) Naphthalene	13.82	128	576032	18.922	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	179746	19.666	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

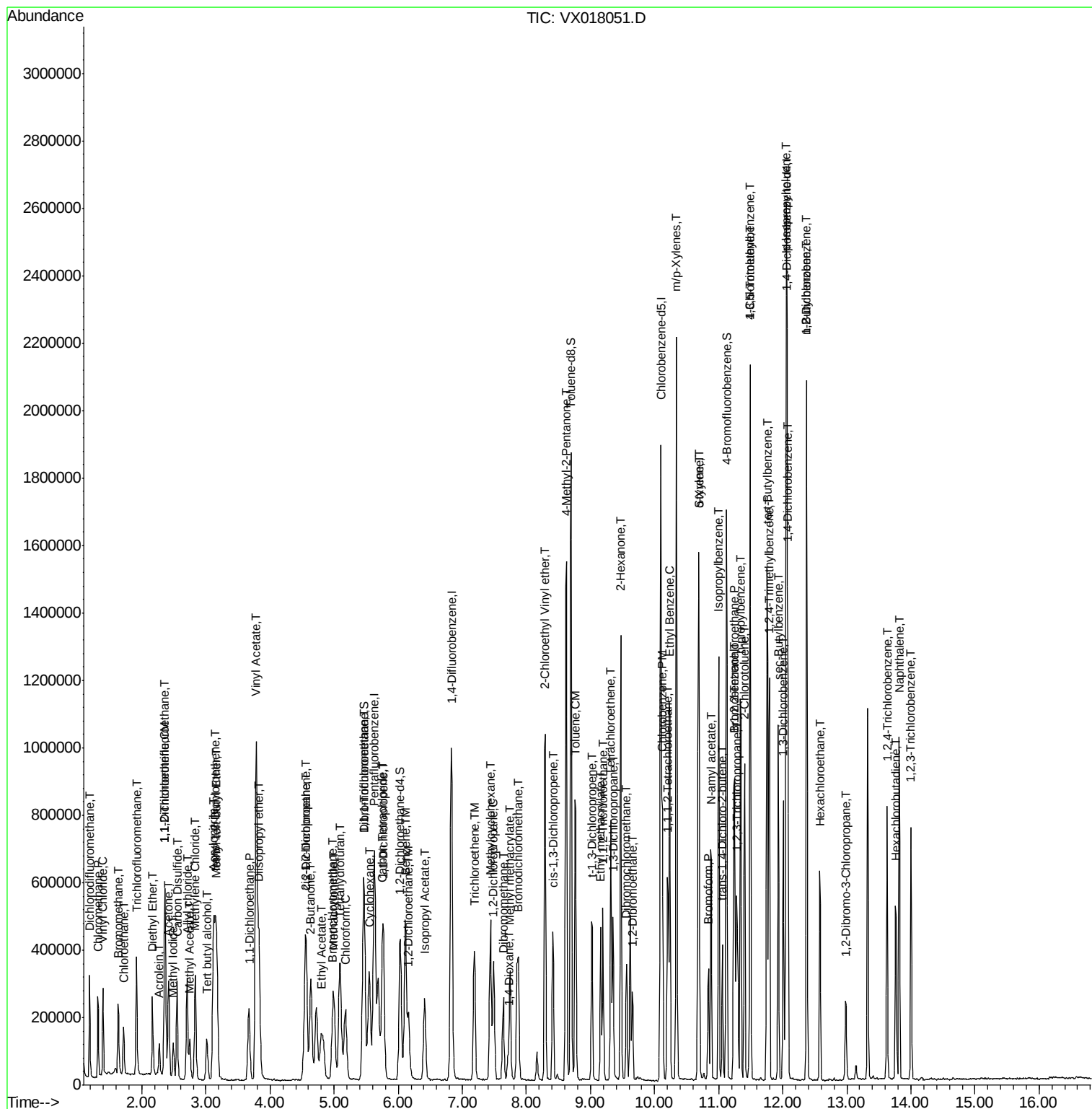
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Data File : VX018051.D
Acq On : 21 Aug 2020 12:04
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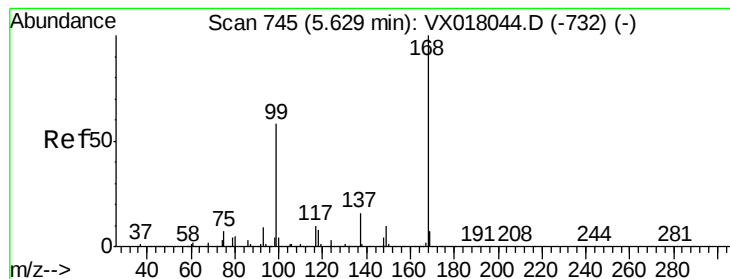
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS01

Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS01

Tot Ion:168 Resp: 638676

Ion Ratio Lower Upper

168 100

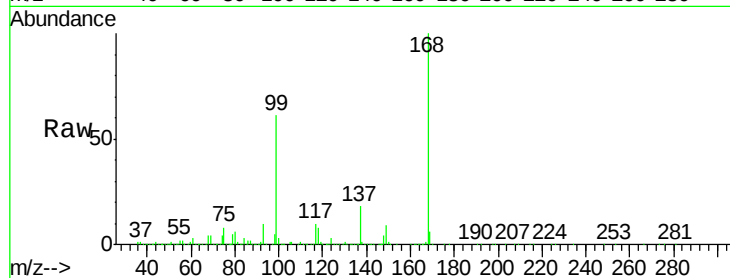
99 60.6 46.3 69.5

Manual Integrations

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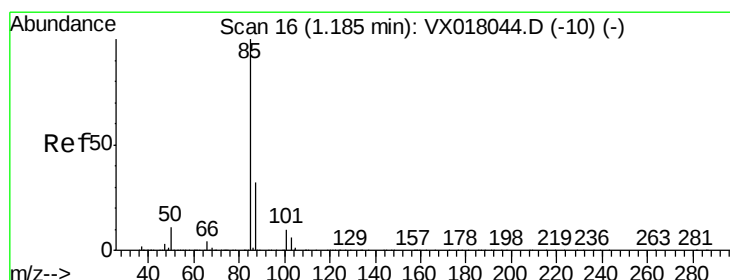
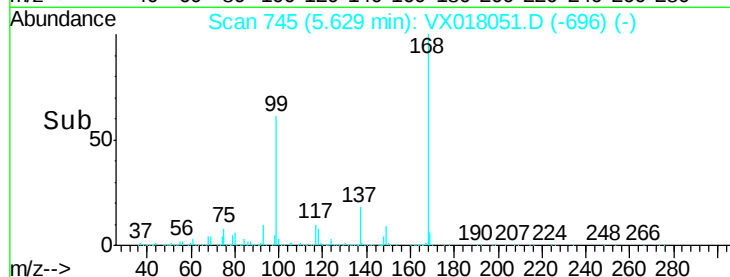
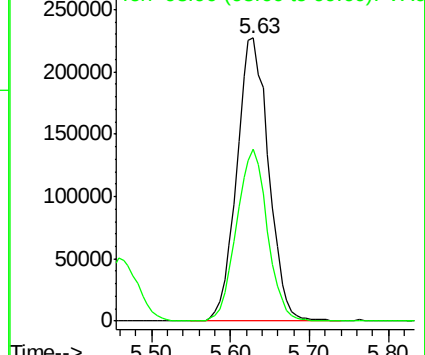
sam

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.127 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018051.D

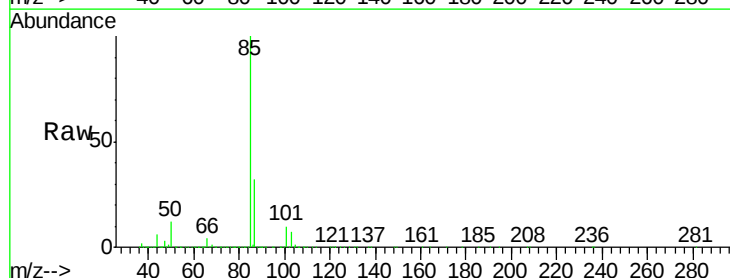
Acq: 21 Aug 2020 12:04

Tgt Ion: 85 Resp: 148730

Ion Ratio Lower Upper

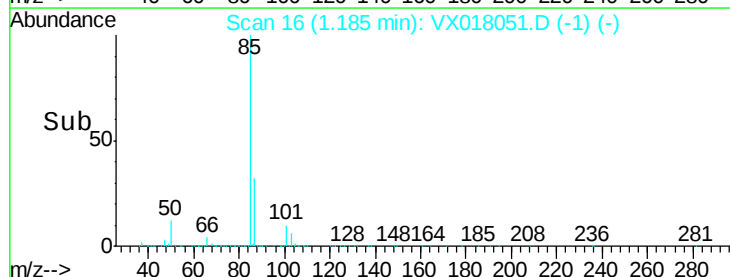
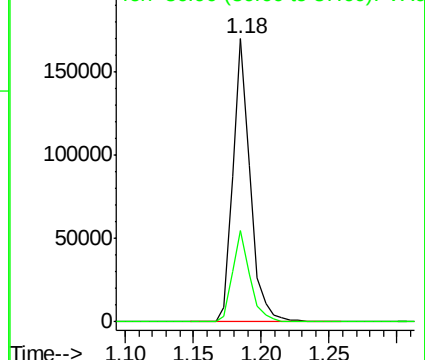
85 100

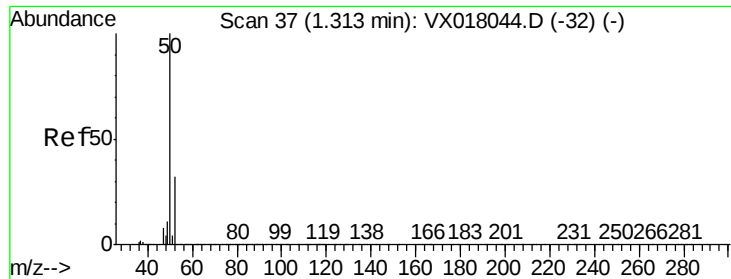
87 32.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.501 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS01

Tot Ion: 50 Resp: 143474

Ion Ratio Lower Upper

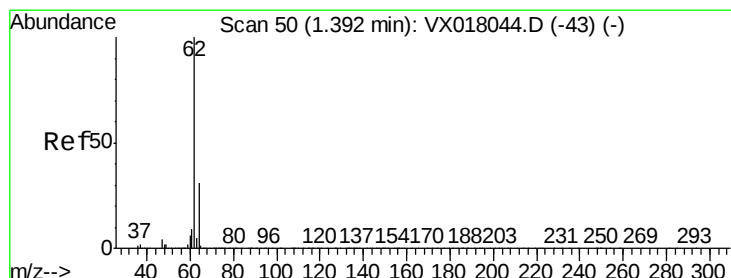
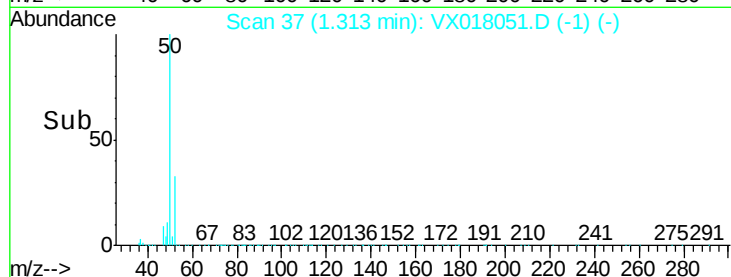
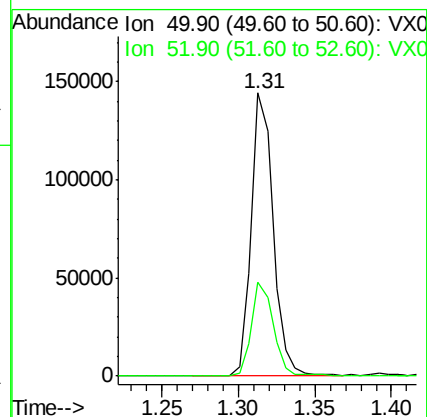
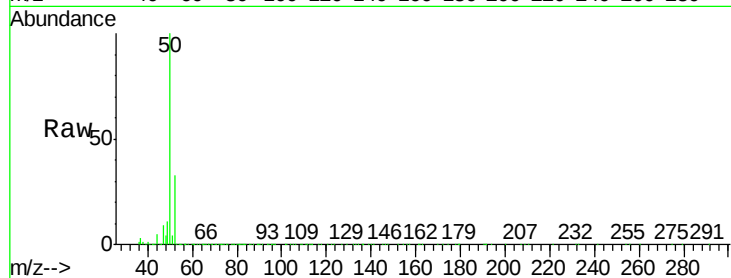
50 100

52 33.1 25.4 38.2

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#4

Vinyl Chloride

Concen: 18.089 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018051.D

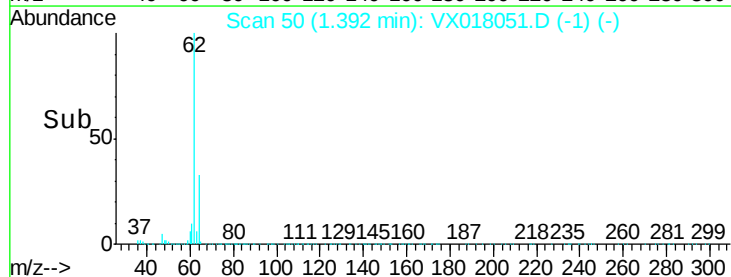
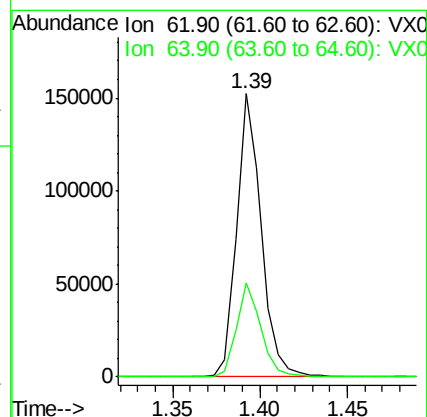
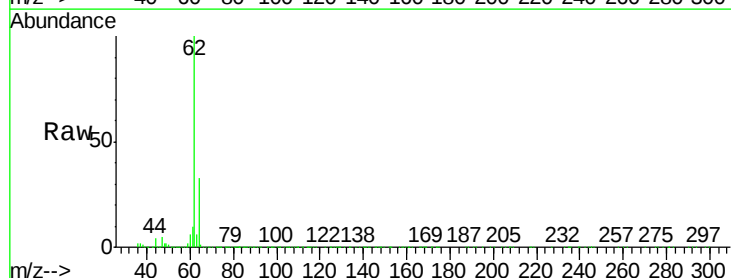
Acq: 21 Aug 2020 12:04

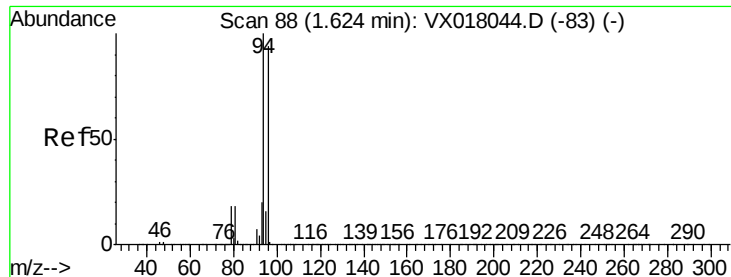
Tgt Ion: 62 Resp: 147625

Ion Ratio Lower Upper

62 100

64 33.2 25.1 37.7





#5

Bromomethane

Concen: 24.870 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

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ClientSampleId :

VX0821WBS01

Tot Ion: 94 Resp: 97893

Ion Ratio Lower Upper

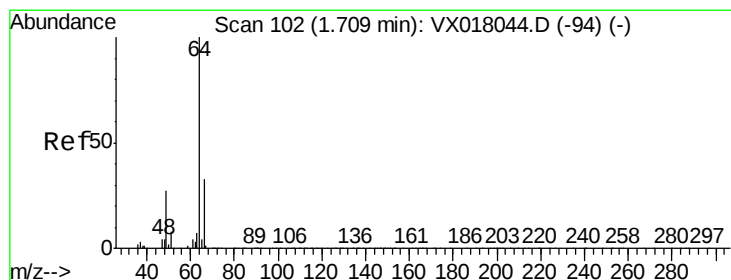
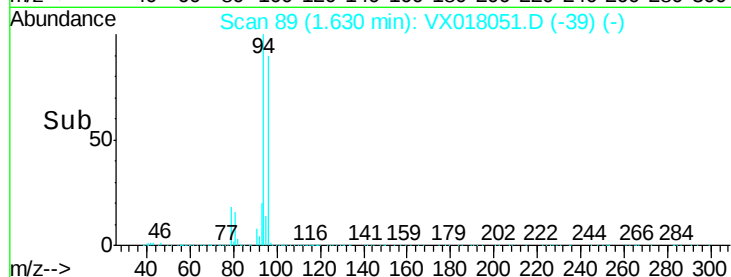
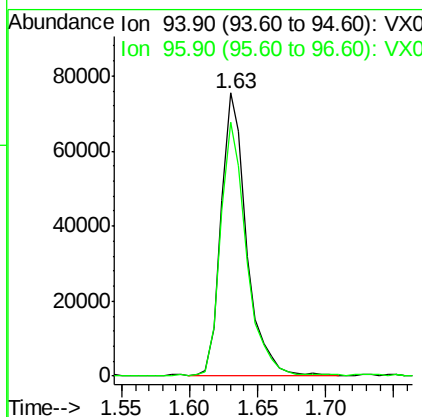
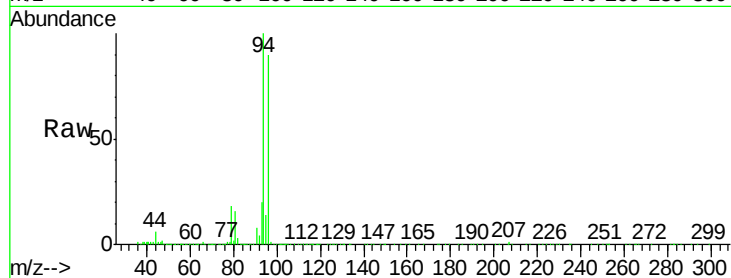
94 100

96 89.7 74.8 112.2

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#6

Chloroethane

Concen: 19.951 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018051.D

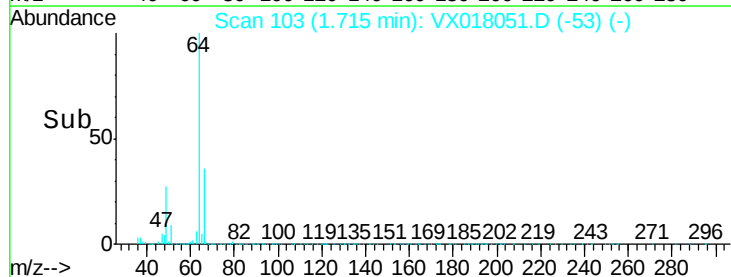
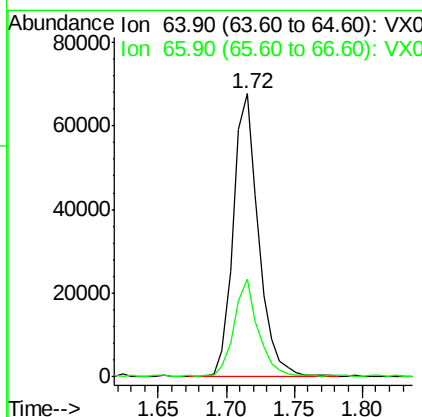
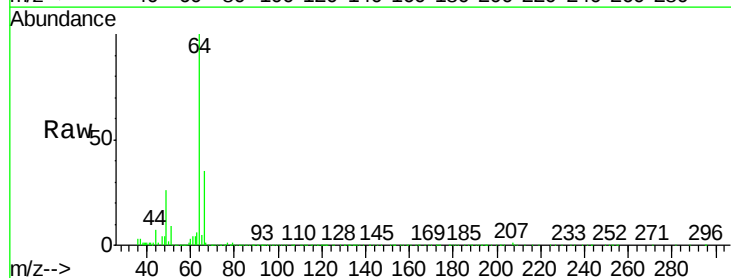
Acq: 21 Aug 2020 12:04

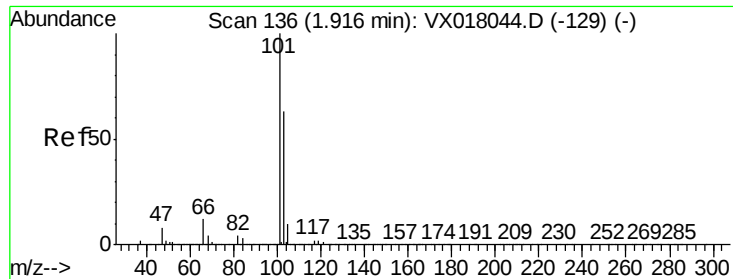
Tgt Ion: 64 Resp: 87450

Ion Ratio Lower Upper

64 100

66 34.3 26.6 39.8





#7

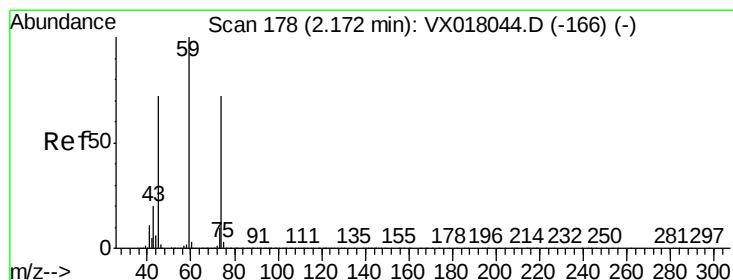
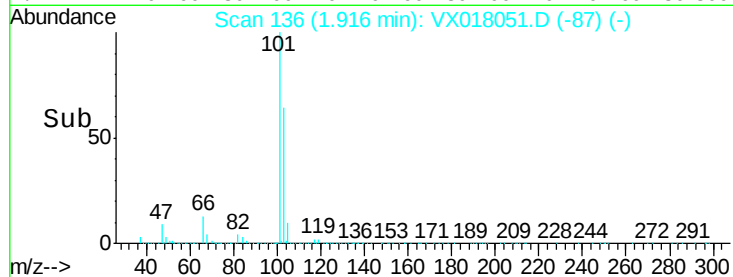
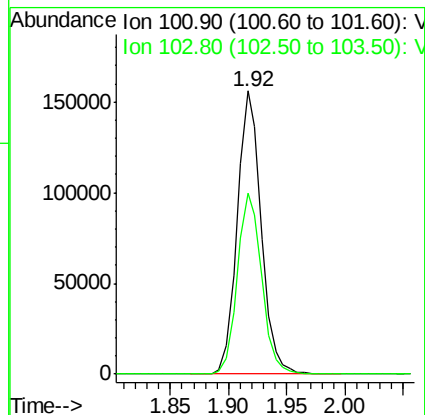
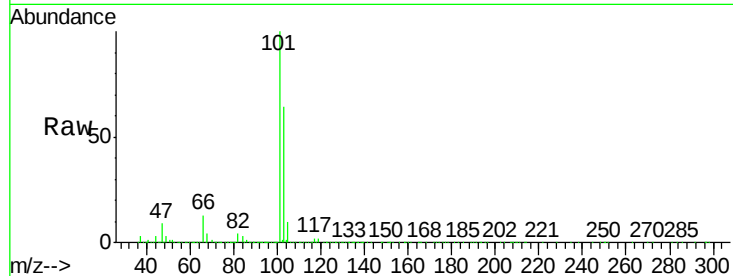
Trichlorofluoromethane
Concen: 20.147 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	50.7	76.1

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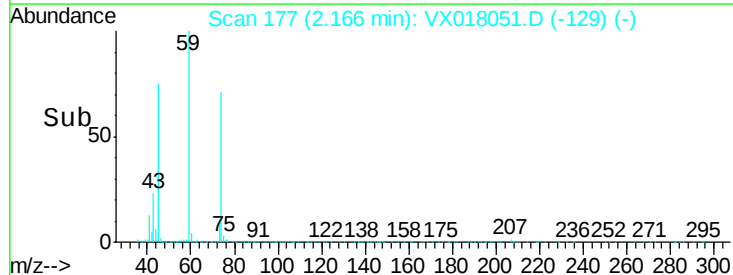
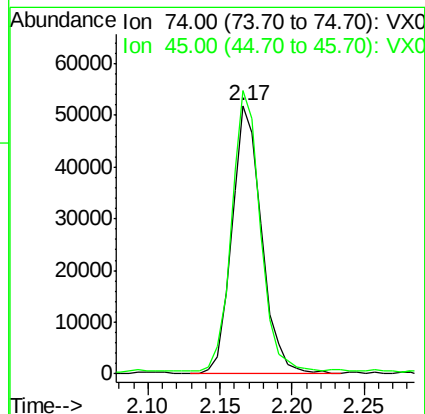
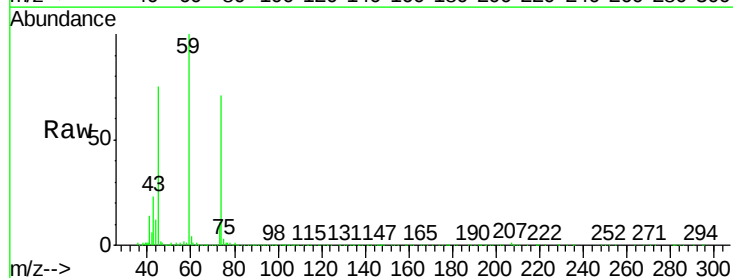
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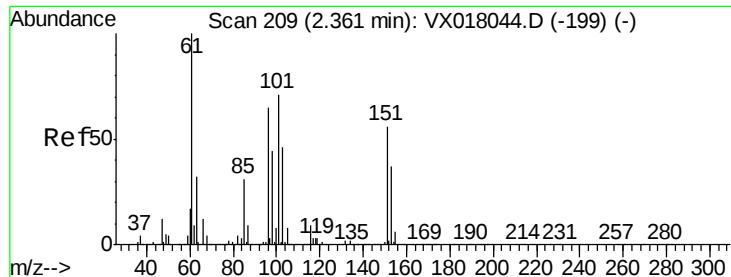


#8

Diethyl Ether
Concen: 19.892 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.7	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.973 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

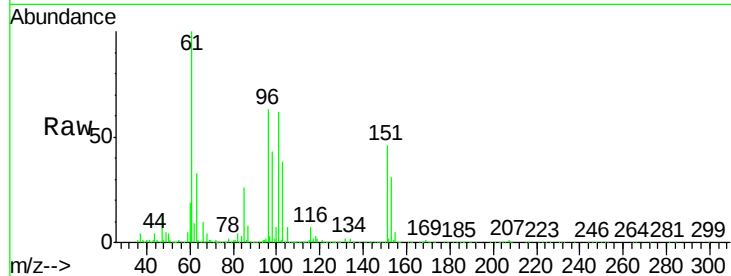
ClientSampleId :

VX0821WBS01

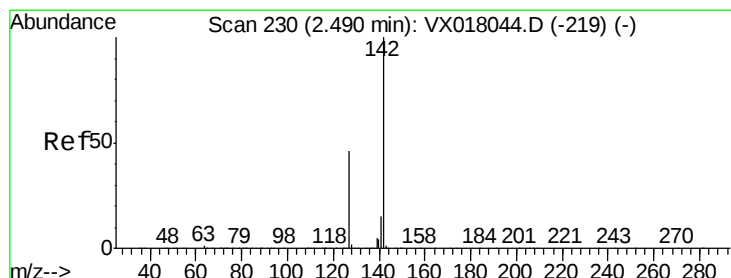
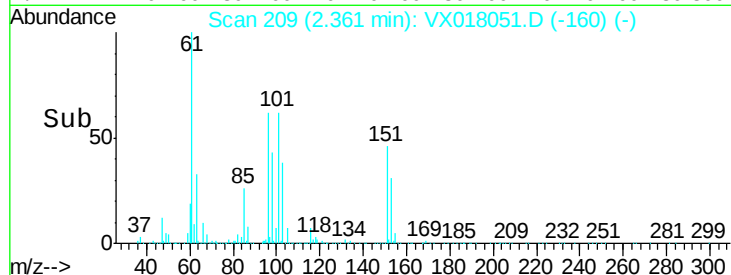
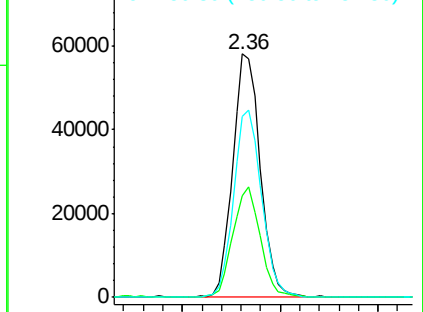
Tot Ion:	101	Resp:	114142
Ion Ratio	Lower	Upper	
101	100		
85	45.0	34.0	51.0
151	77.9	65.2	97.8

Manual Integrations
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sam
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.079 ug/l

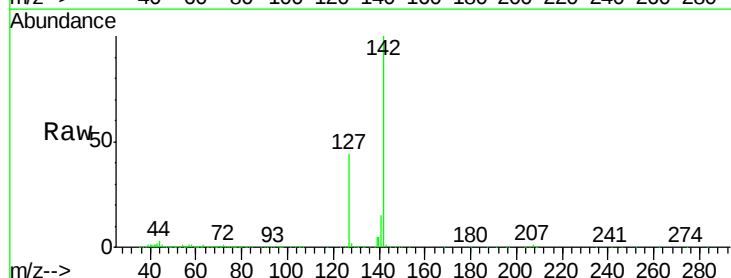
RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

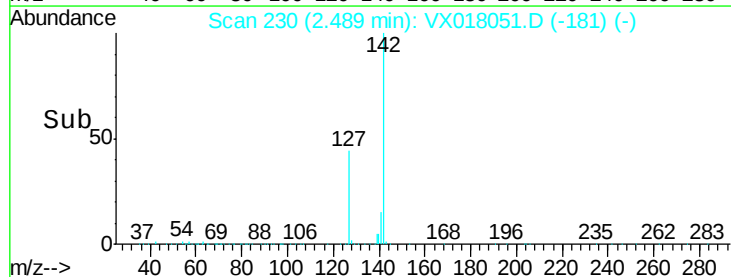
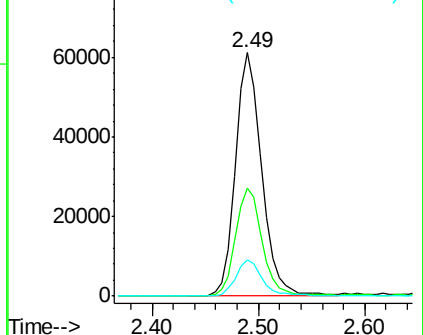
Lab File: VX018051.D

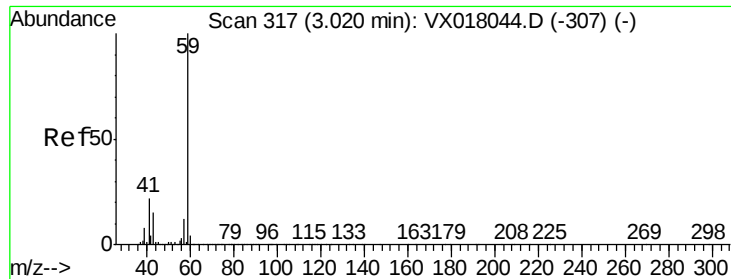
Acq: 21 Aug 2020 12:04

Tgt Ion:	142	Resp:	106471
Ion Ratio	Lower	Upper	
142	100		
127	45.3	37.0	55.6
141	15.0	11.5	17.3



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





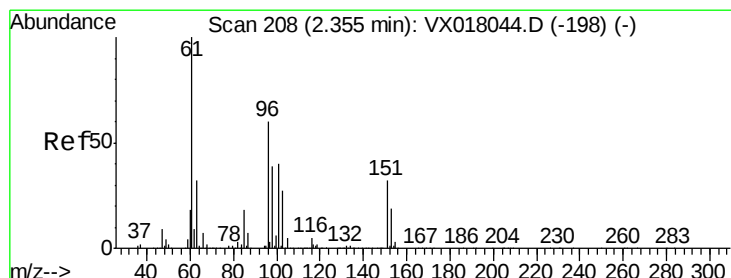
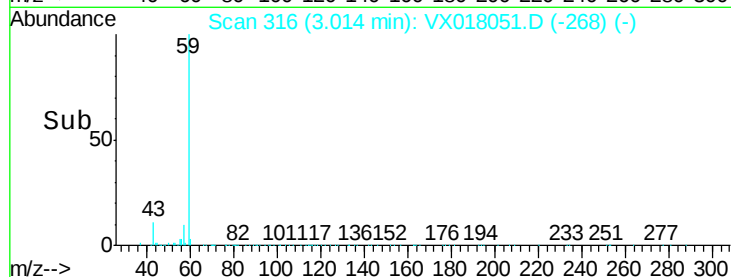
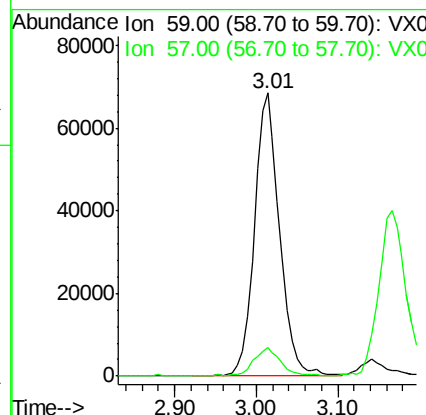
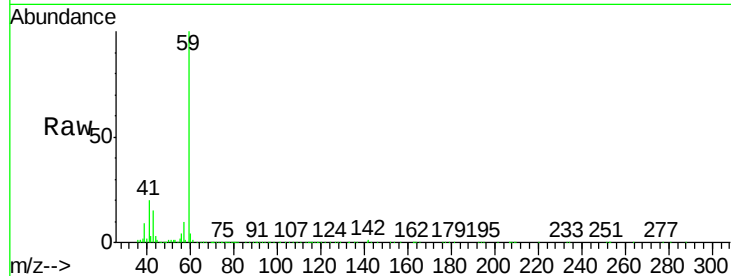
#11
Tert butyl alcohol
Concen: 85.398 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.9	13.3

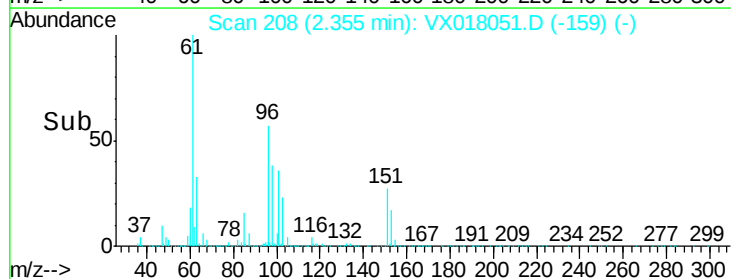
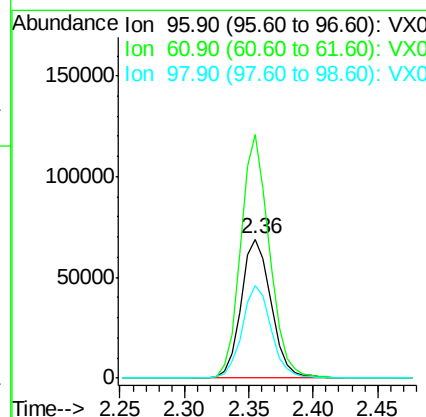
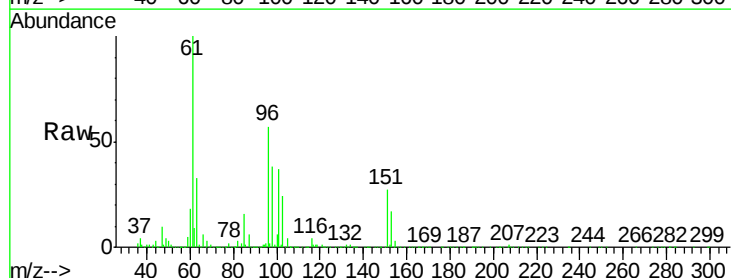
Manual Integrations
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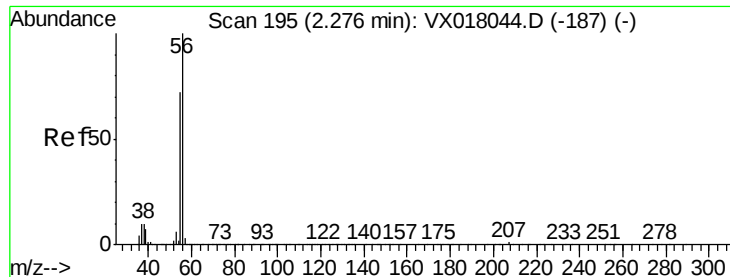
Sam
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#12
1,1-Dichloroethene
Concen: 17.555 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.3	133.0	199.4
98	66.7	51.6	77.4





#13

Acrolein

Concen: 90.710 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS01

Tot Ion: 56 Resp: 64842

Ion Ratio Lower Upper

56 100

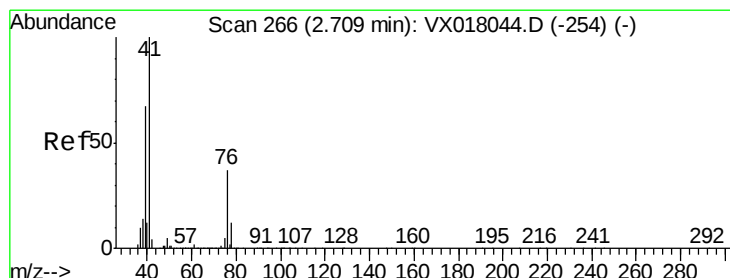
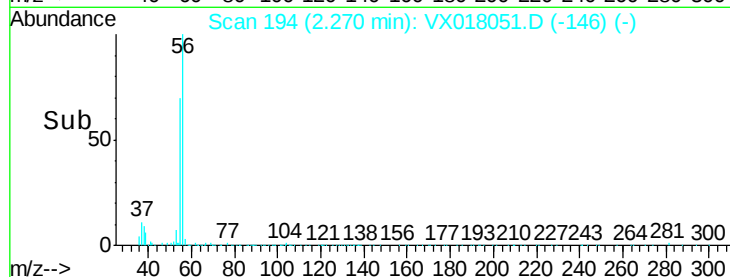
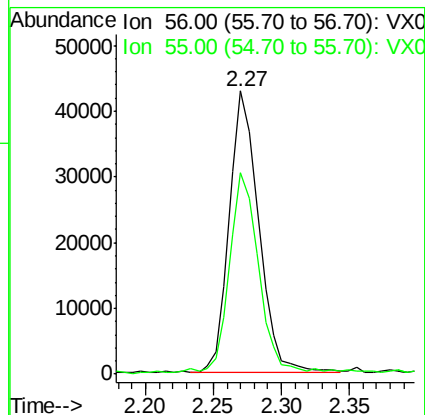
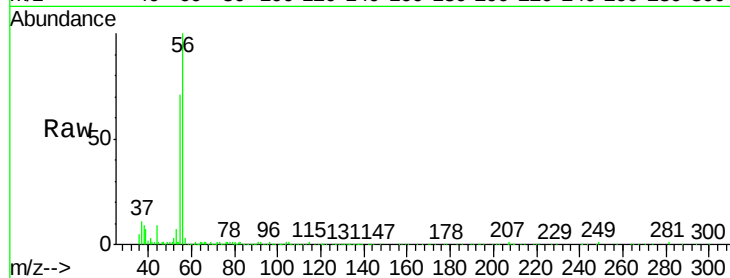
55 68.9 57.0 85.6

Manual Integrations

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#14

Allyl chloride

Concen: 18.858 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

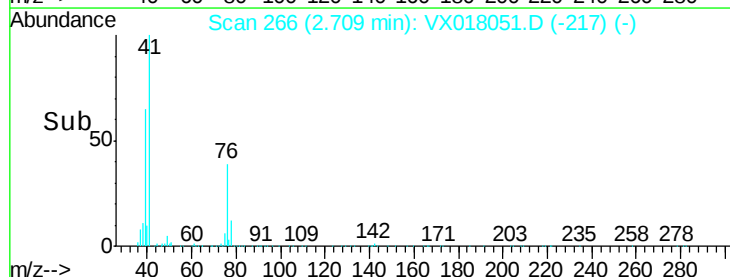
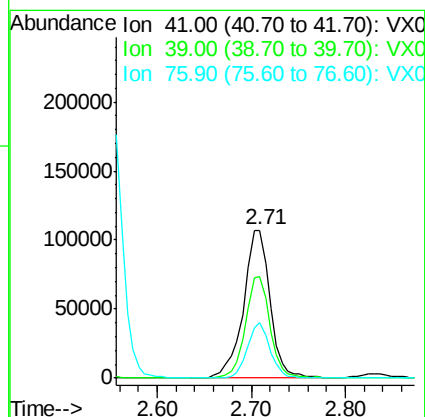
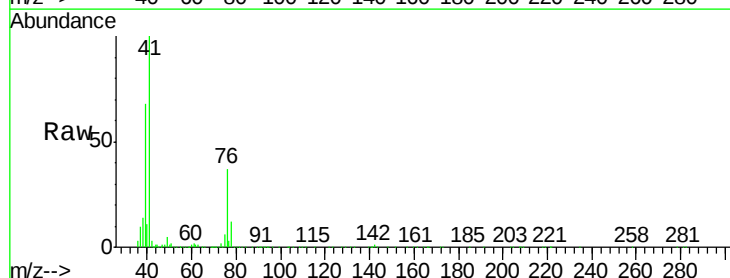
Tgt Ion: 41 Resp: 211468

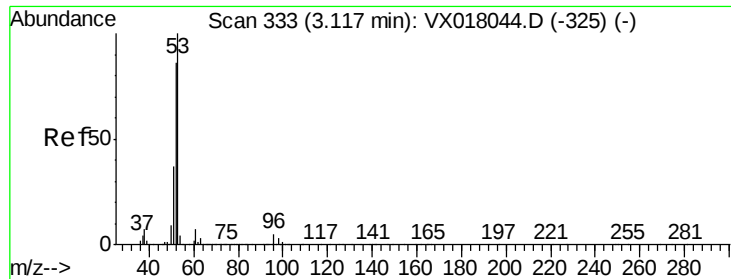
Ion Ratio Lower Upper

41 100

39 62.9 50.6 76.0

76 32.2 26.2 39.2





#15

Acrylonitrile

Concen: 90.560 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

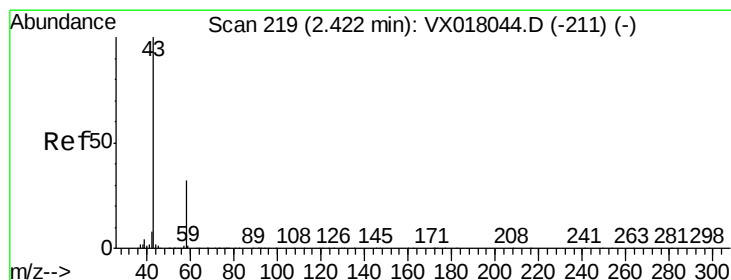
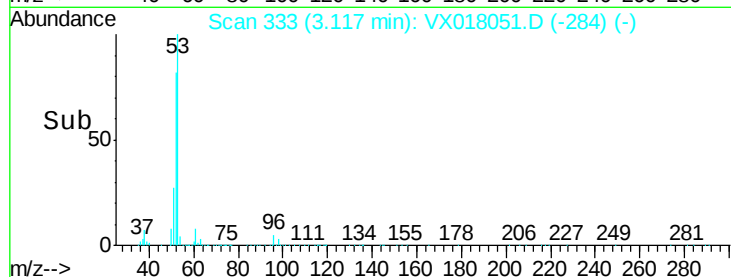
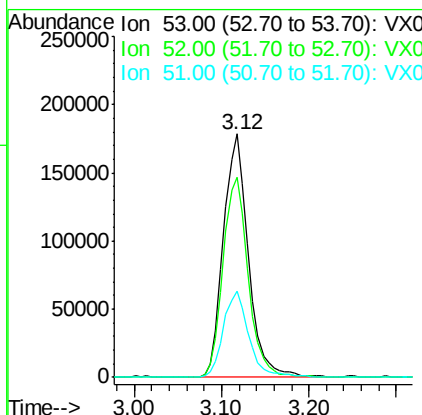
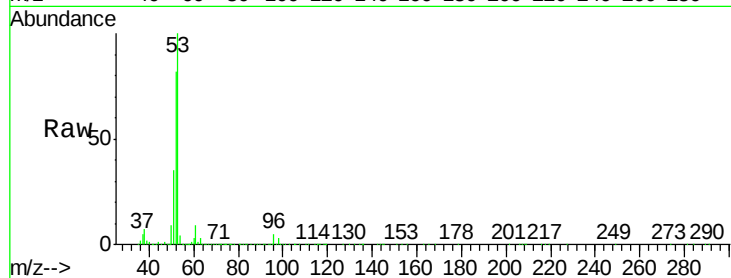
ClientSampleId :

VX0821WBS01

Tot Ion:	53	Resp:	354143
Ion Ratio	Lower	Upper	
53	100		
52	82.9	66.9	100.3
51	36.3	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 88.607 ug/l

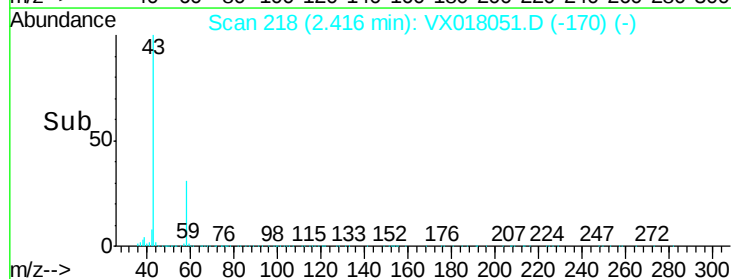
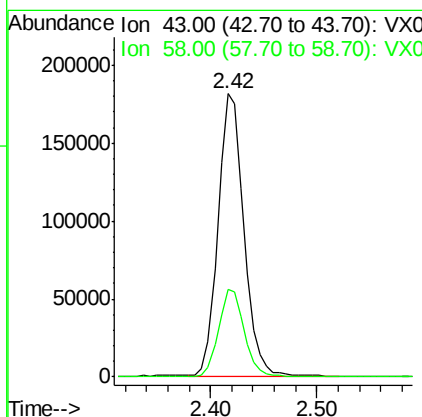
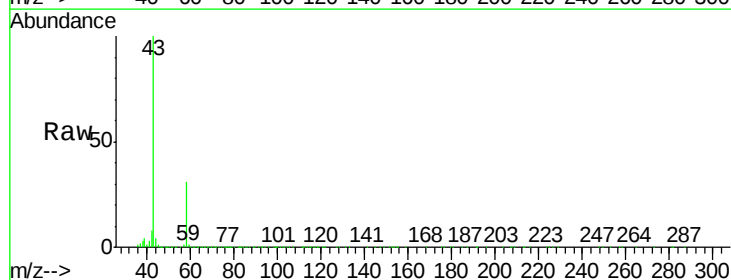
RT: 2.42 min Scan# 218

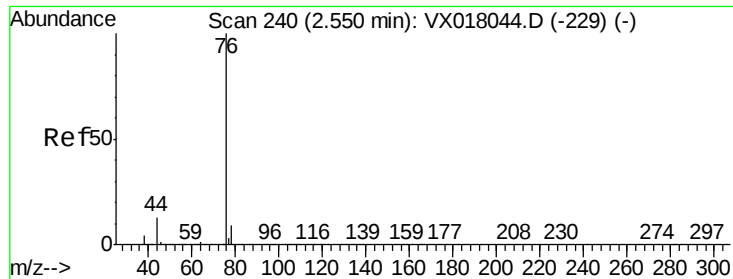
Delta R.T. -0.01 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Tgt Ion:	43	Resp:	306128
Ion Ratio	Lower	Upper	
43	100		
58	30.9	25.5	38.3





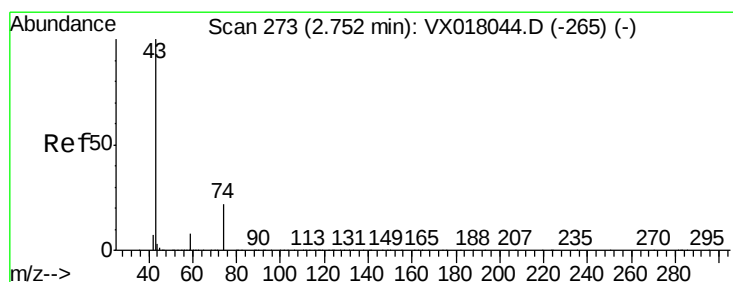
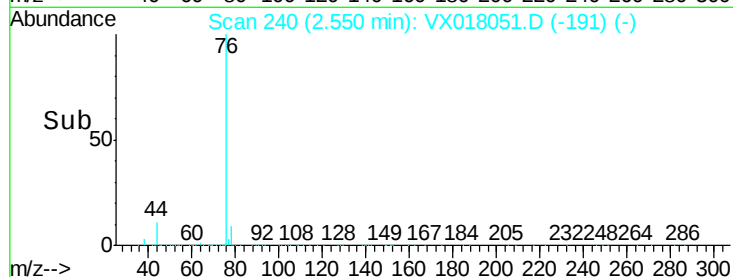
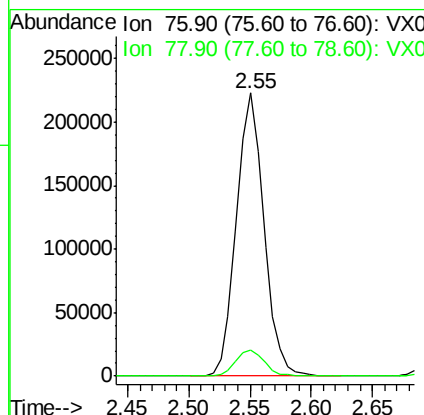
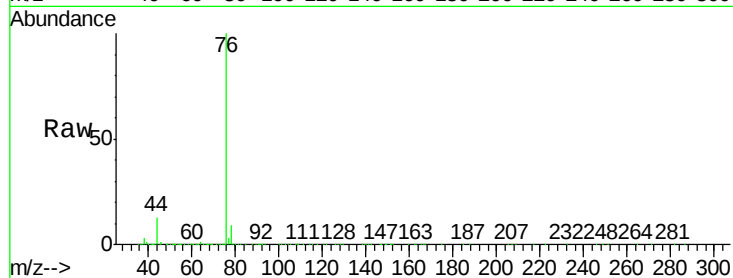
#17
Carbon Disulfide
Concen: 18.414 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.0

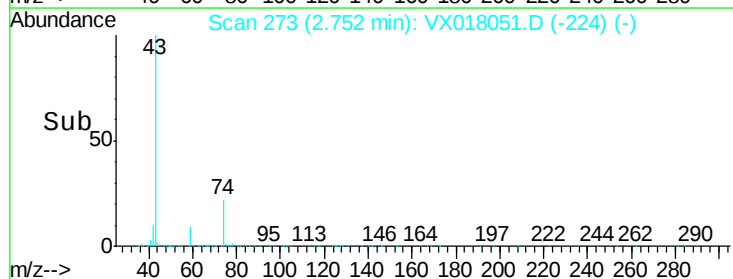
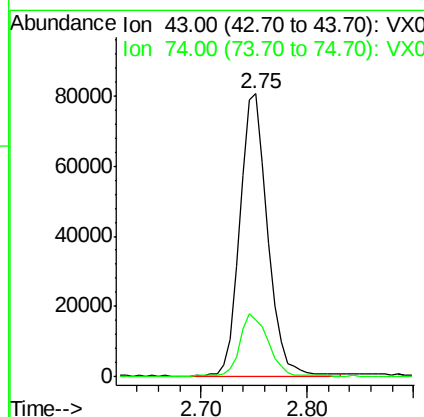
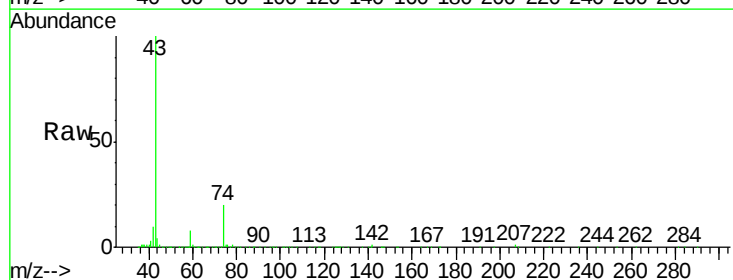
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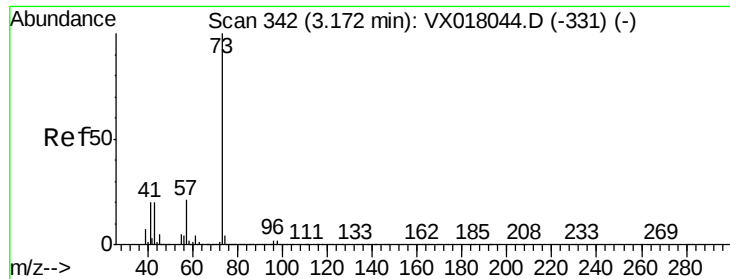
sam
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#18
Methyl Acetate
Concen: 17.896 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.5	18.2	27.4





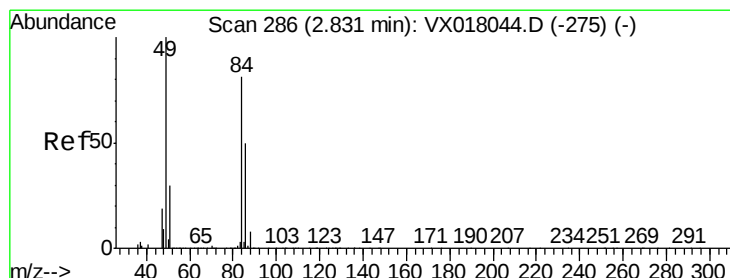
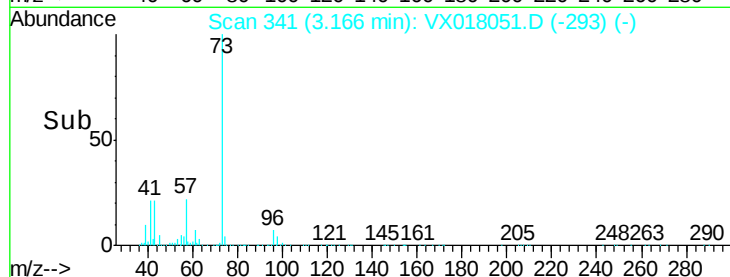
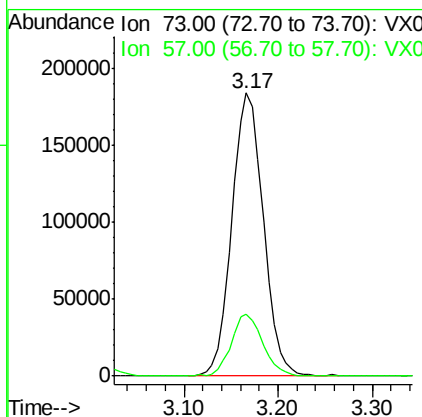
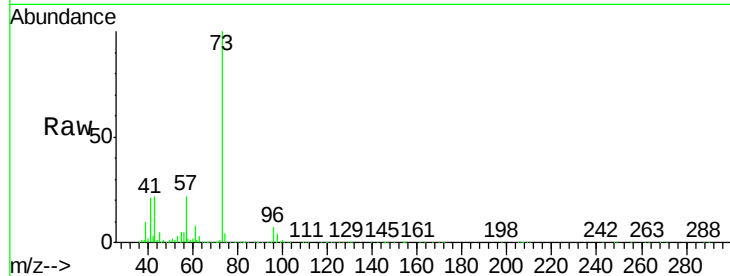
#19
Methvl tert-butvl Ether
Concen: 19.951 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	16.8	25.2

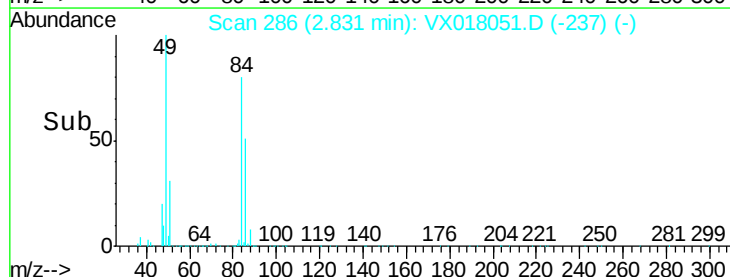
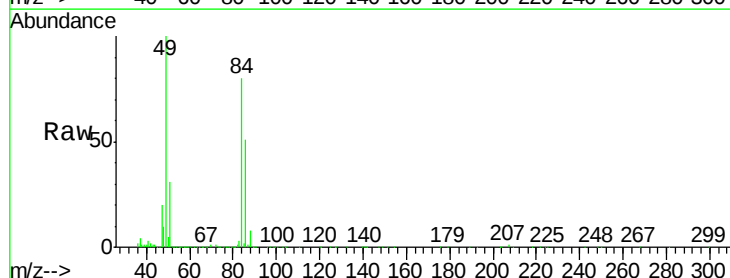
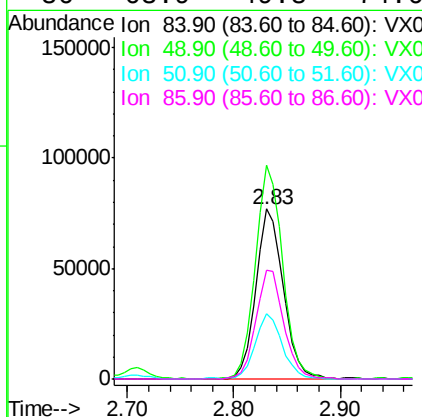
Manual Integrations
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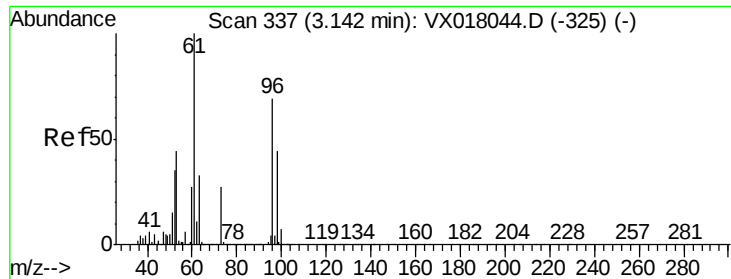
sam
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#20
Methylene Chloride
Concen: 19.074 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.7	98.6	148.0
51	38.6	29.6	44.4
86	63.9	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 19.293 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

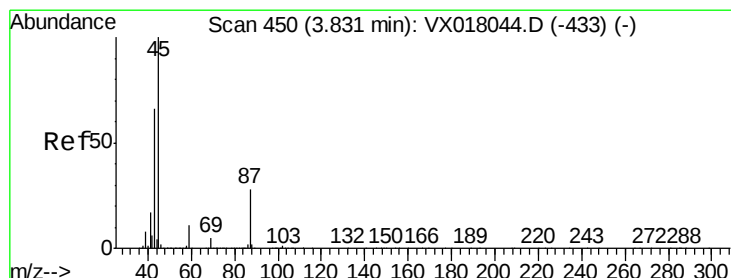
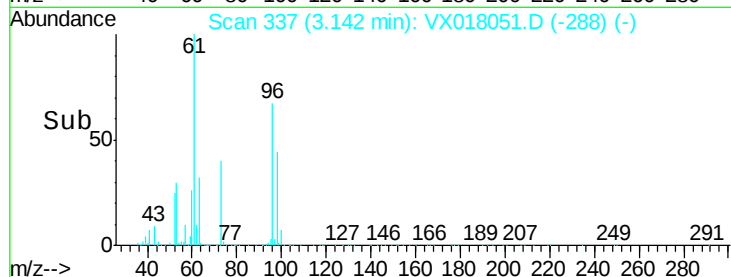
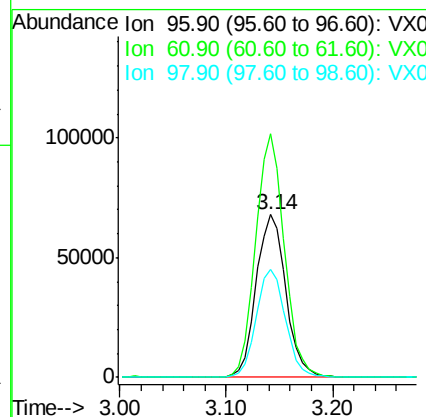
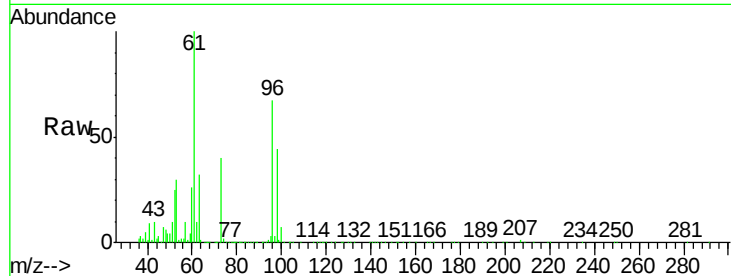
ClientSampled :

VX0821WBS01

Tot Ion:	96	Resp:	133414
Ion	Ratio	Lower	Upper
96	100		
61	149.0	115.4	173.0
98	66.4	51.1	76.7

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#22

Diisopropyl ether

Concen: 20.459 ug/l

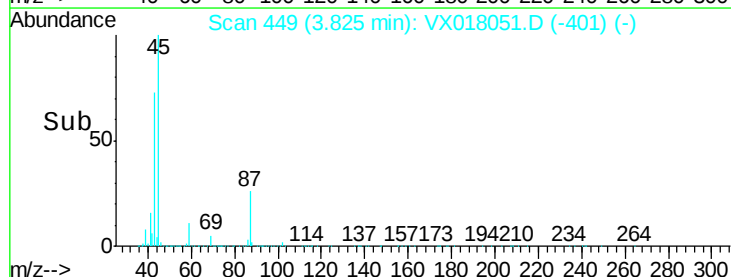
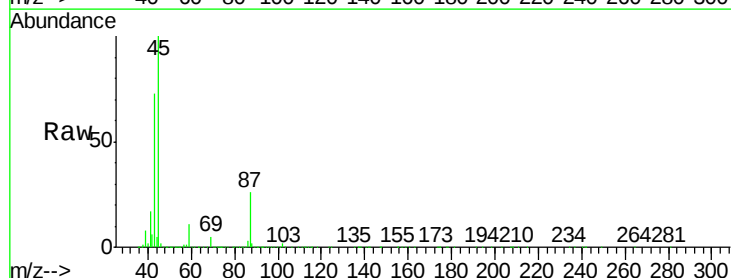
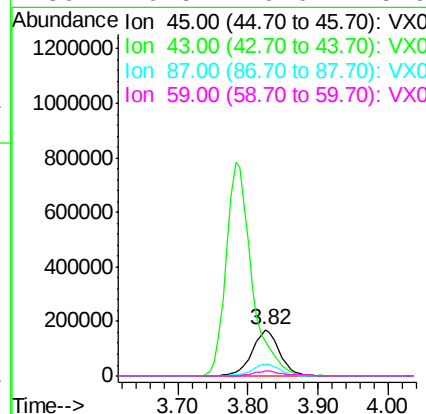
RT: 3.82 min Scan# 449

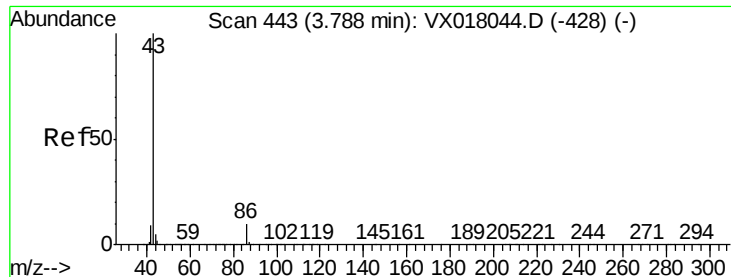
Delta R.T. -0.01 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Tgt Ion:	45	Resp:	452805
Ion	Ratio	Lower	Upper
45	100		
43	73.2	52.8	79.2
87	25.9	22.5	33.7
59	10.5	9.0	13.6





#23

Vinyl Acetate

Concen: 101.261 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS01

Tot Ion: 43 Resp: 1994170

Ion Ratio Lower Upper

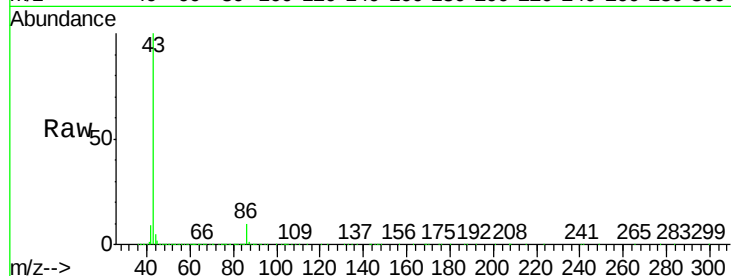
43 100

86 9.6 7.9 11.9

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

800000

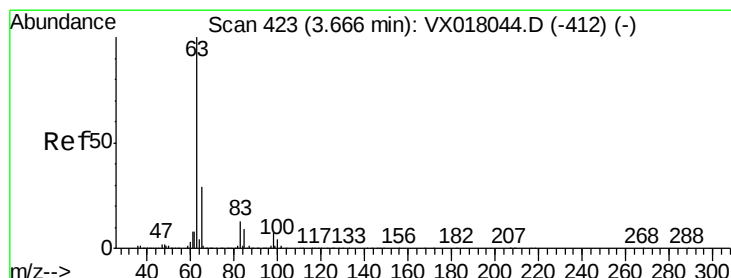
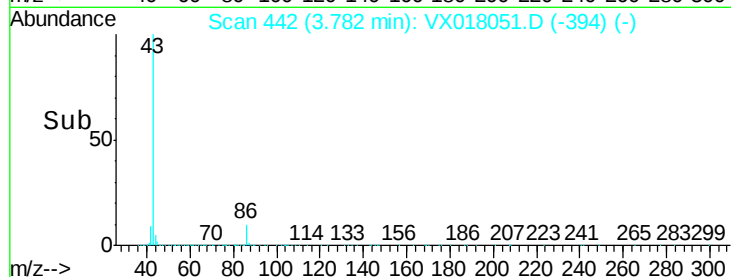
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.808 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

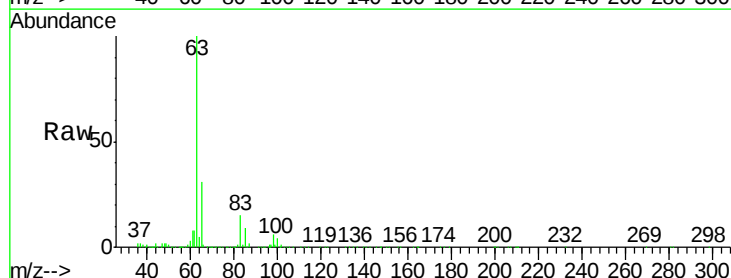
Tgt Ion: 63 Resp: 249552

Ion Ratio Lower Upper

63 100

98 6.1 3.6 10.8

100 4.2 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

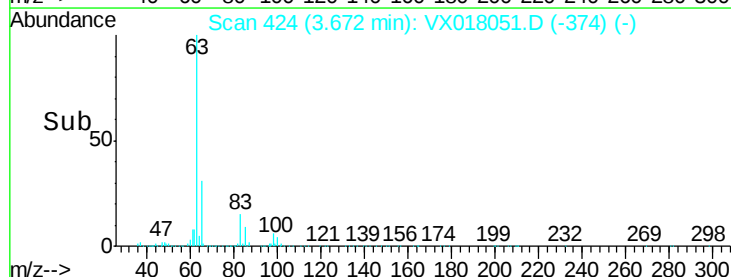
3.67

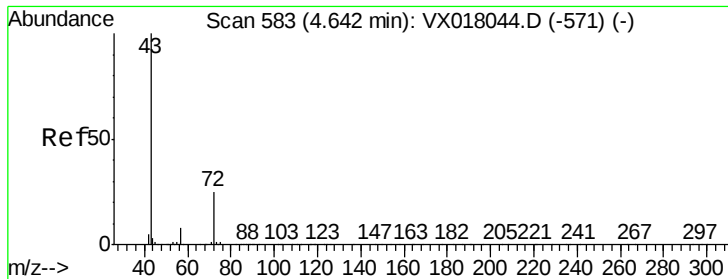
100000

50000

0

Time-->





#25

2-Butanone

Concen: 91.102 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Tot Ion: 43 Resp: 517279

Ion Ratio Lower Upper

43 100

72 22.7 19.8 29.6

Instrument :

MSVOA_X

ClientSampleId :

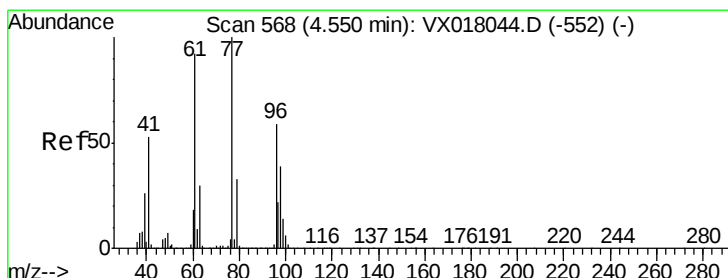
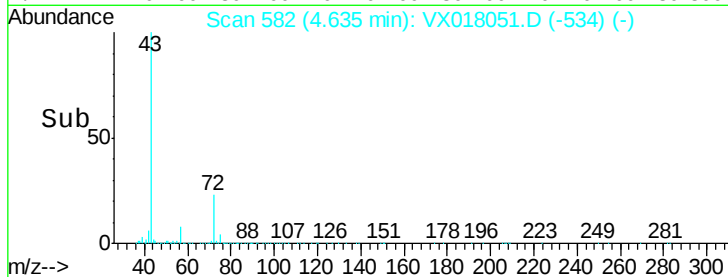
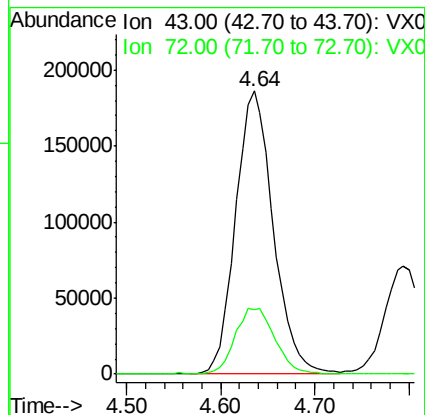
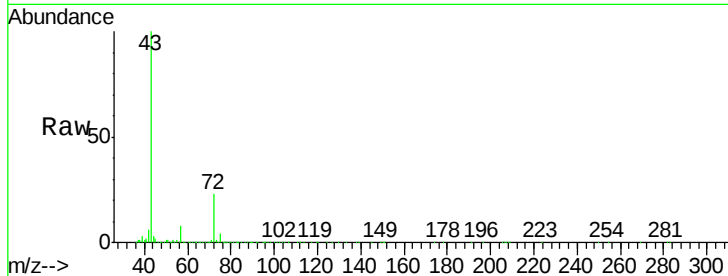
VX0821WBS01

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sam

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#26

2,2-Dichloropropane

Concen: 21.668 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018051.D

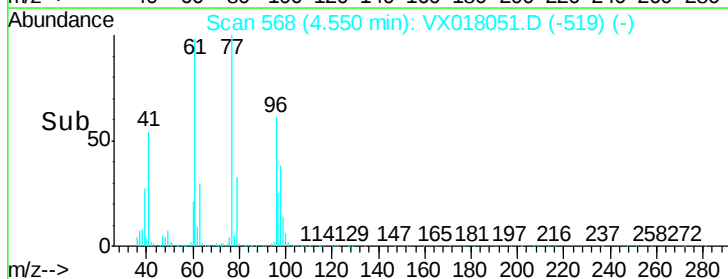
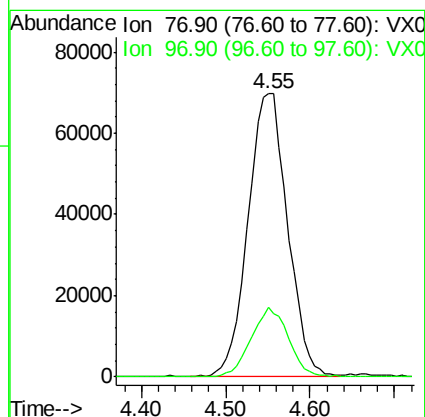
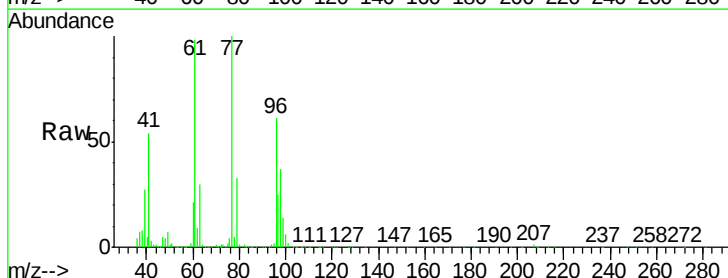
Acq: 21 Aug 2020 12:04

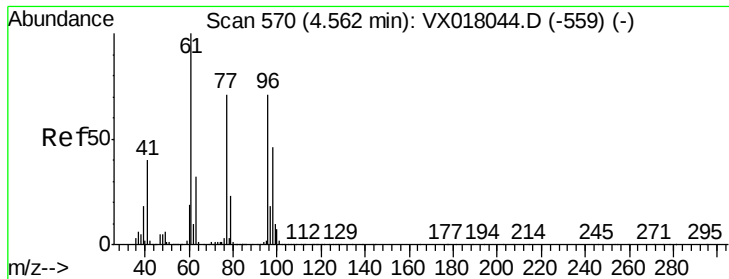
Tgt Ion: 77 Resp: 222118

Ion Ratio Lower Upper

77 100

97 23.2 11.5 34.5





#27

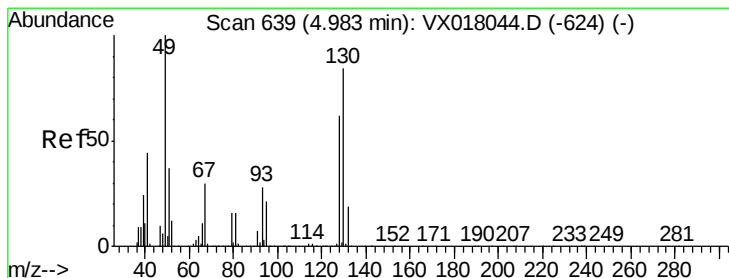
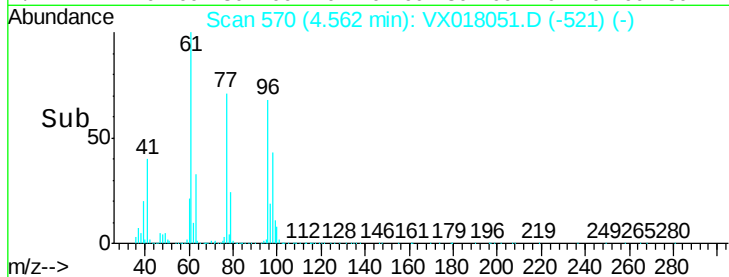
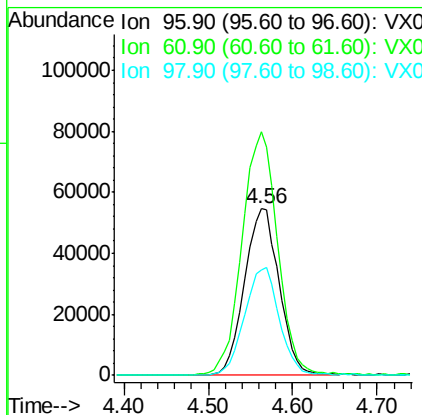
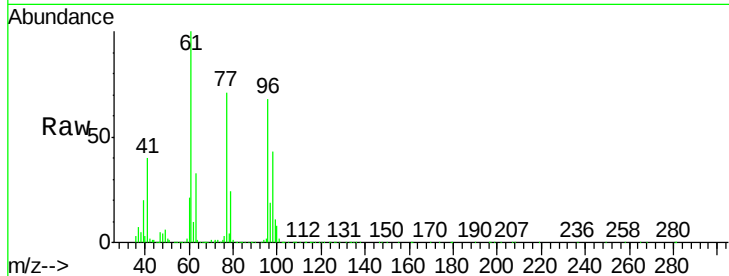
cis-1,2-Dichloroethene
Concen: 19.198 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	152955		
61	148.7	0.0	296.6	
98	63.9	0.0	130.2	

Manual Integrations
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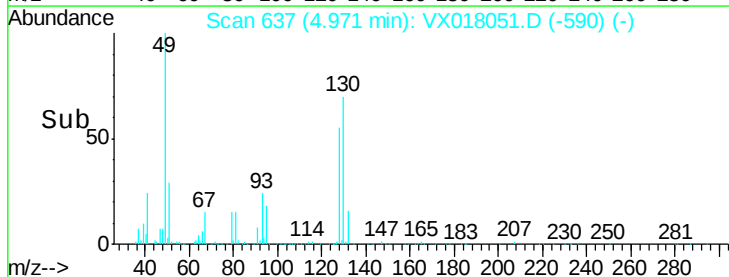
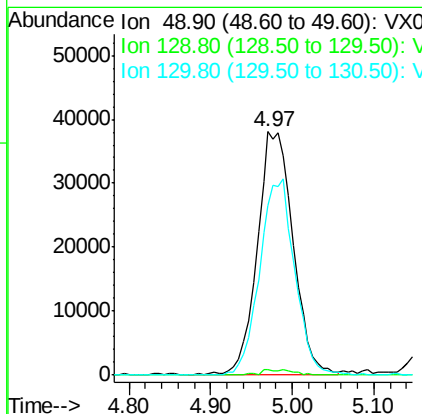
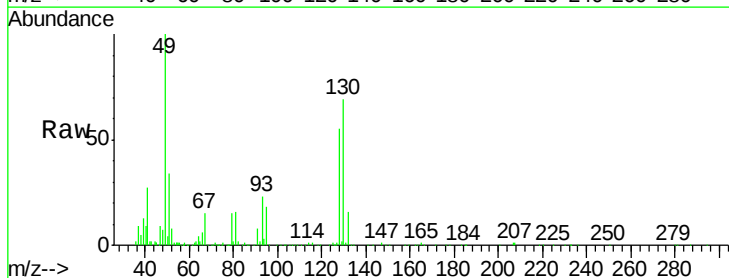
sam
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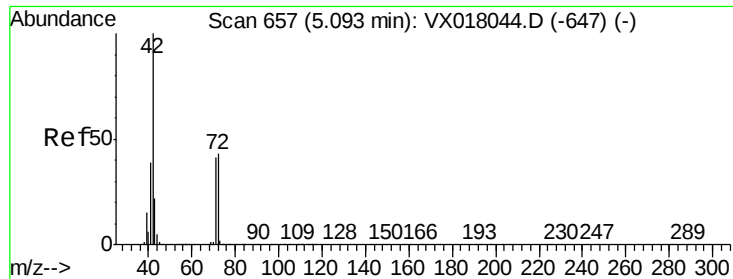


#28

Bromochloromethane
Concen: 19.174 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	116601		
129	2.1	0.0	4.6	
130	78.6	64.6	96.8	





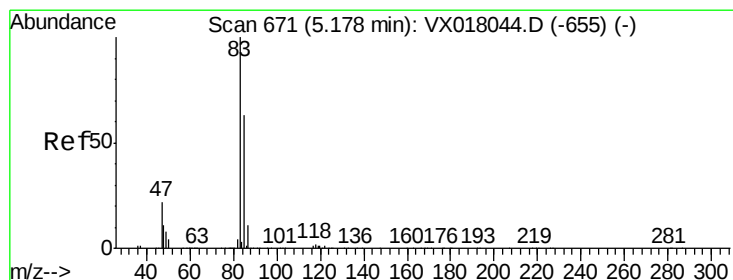
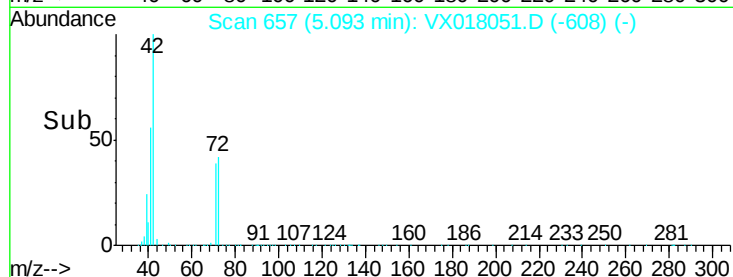
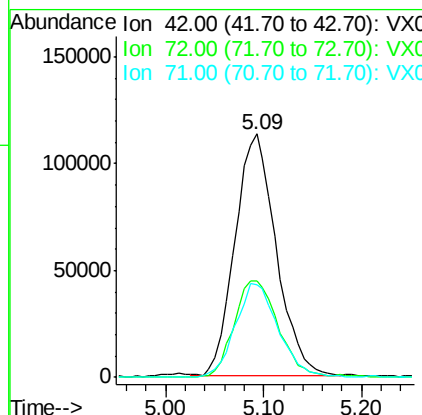
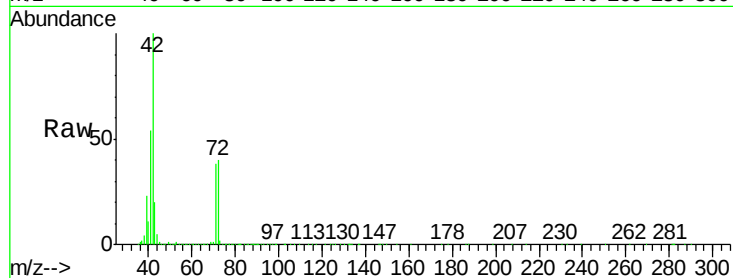
#29
Tetrahydrofuran
Concen: 90.948 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.2	51.4
71	40.3	32.1	48.1

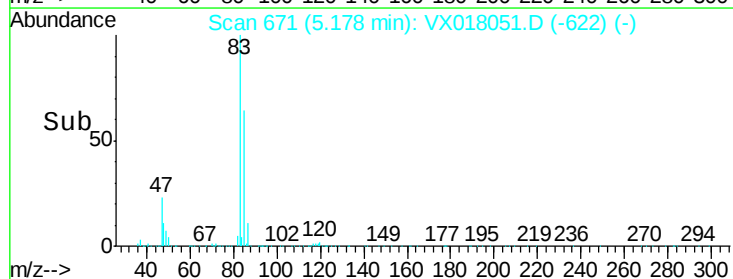
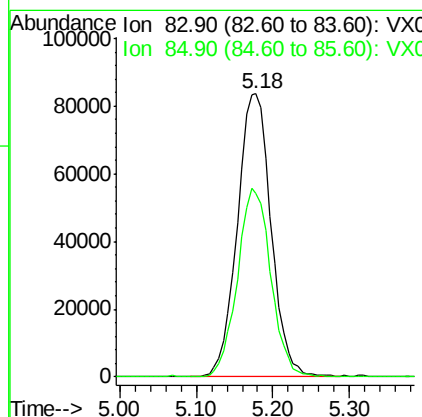
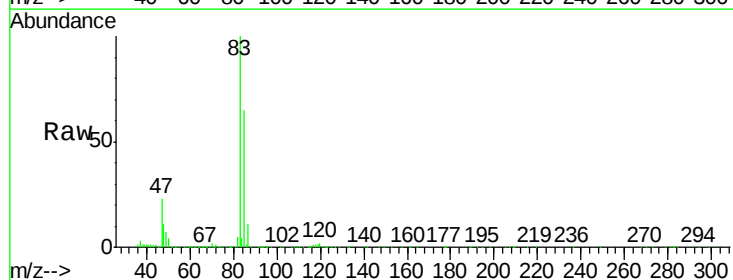
Manual Integrations
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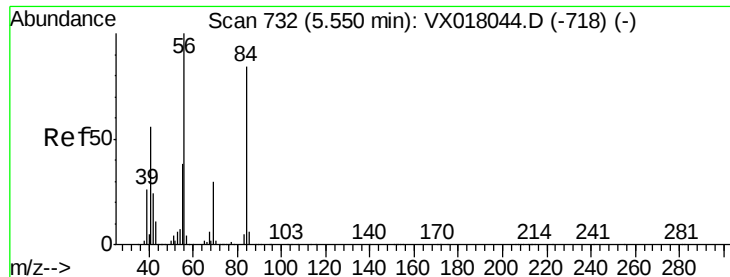
sam
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#30
Chloroform
Concen: 19.614 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.7	76.1





#31

Cyclohexane

Concen: 20.458 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

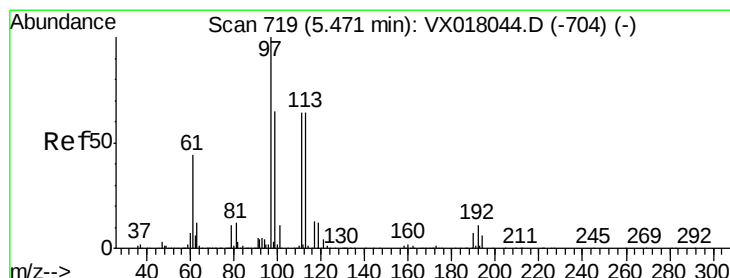
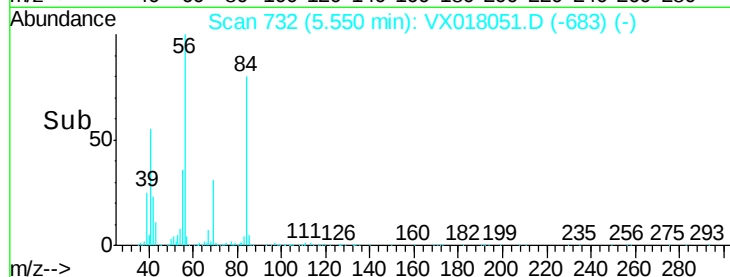
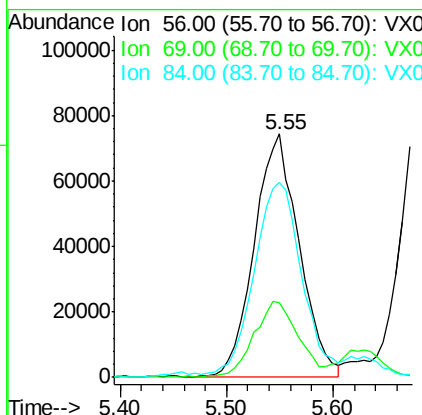
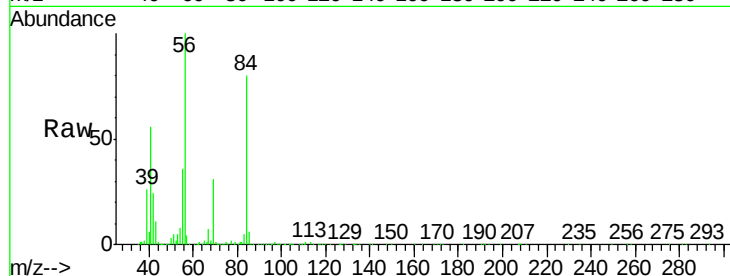
ClientSampleId :

VX0821WBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	30.3	23.9	35.9	
84	79.0	67.0	100.4	

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.671 ug/l

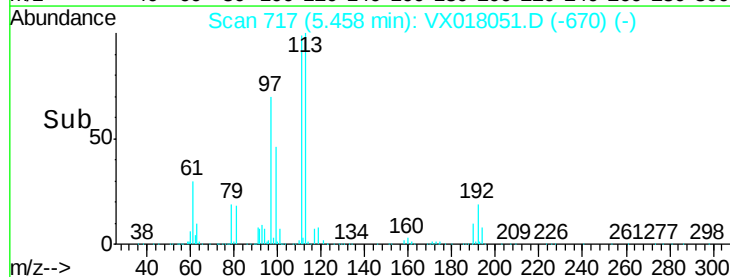
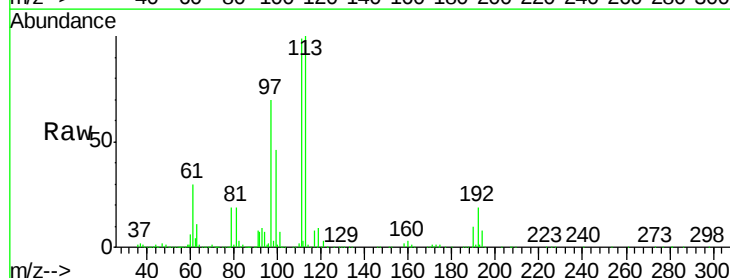
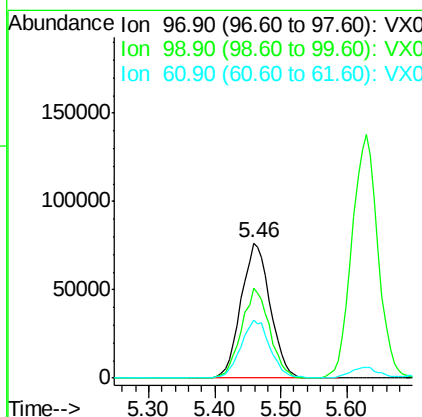
RT: 5.46 min Scan# 717

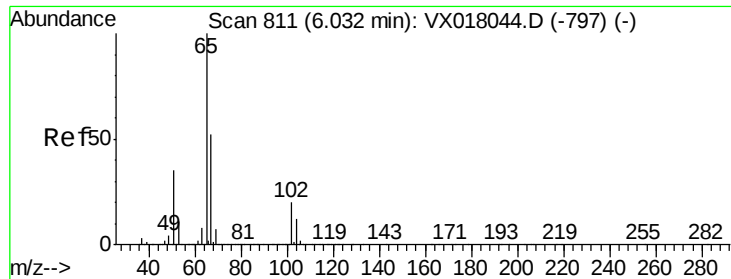
Delta R.T. -0.01 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.0	51.4	77.0	
61	43.0	34.2	51.4	





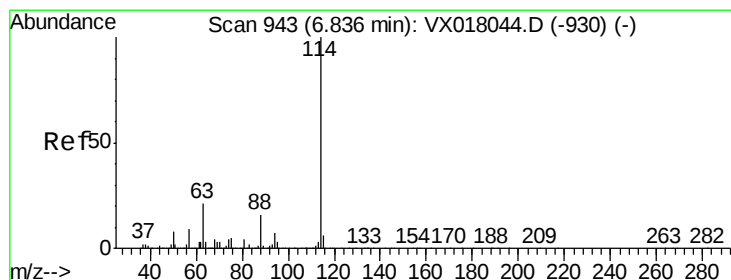
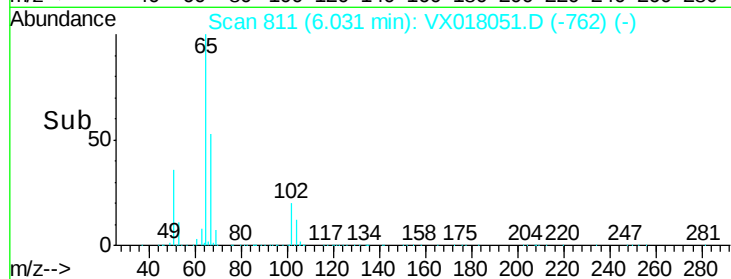
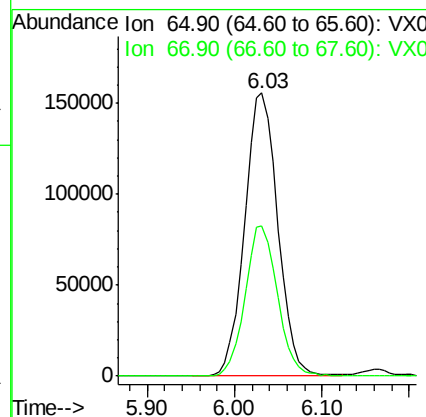
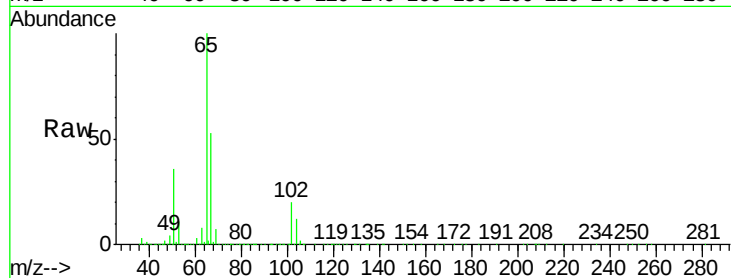
#33
 1,2-Dichloroethane-d4
 Concen: 46.255 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018051.D
 Acq: 21 Aug 2020 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	105.8

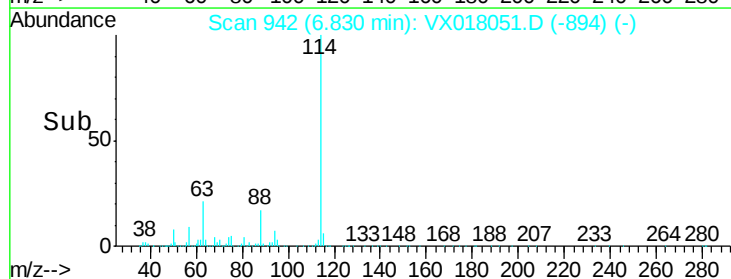
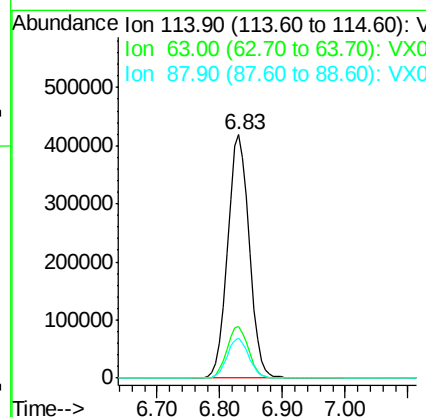
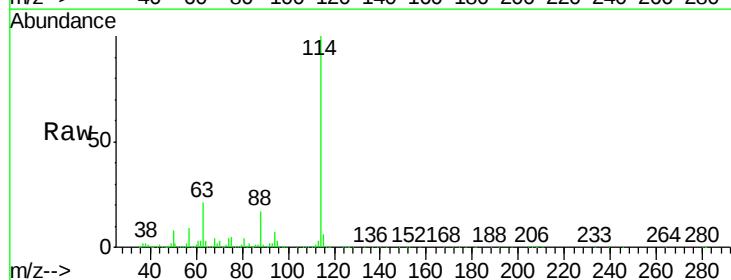
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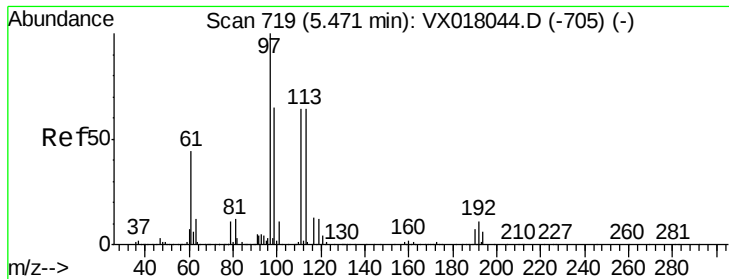
sam
 8/24/2020 5:50:04 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018051.D
 Acq: 21 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	42.6
88	16.5	0.0	31.8





#35

Dibromofluoromethane

Concen: 48.052 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

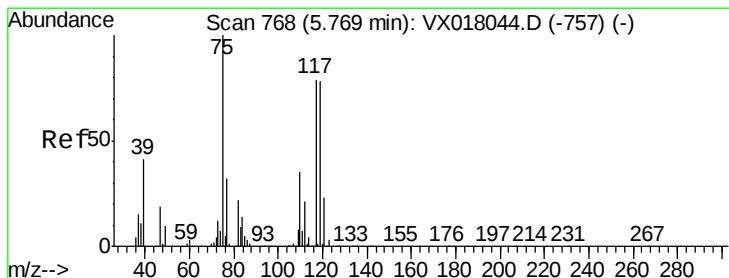
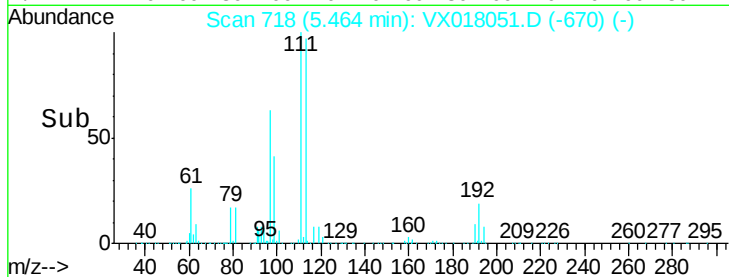
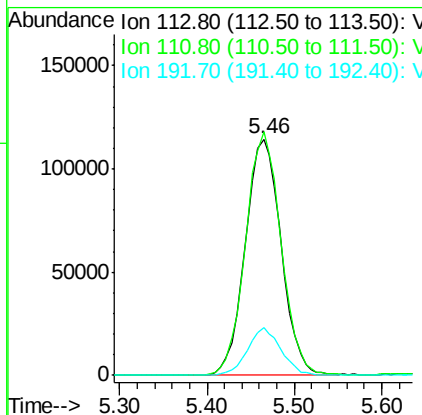
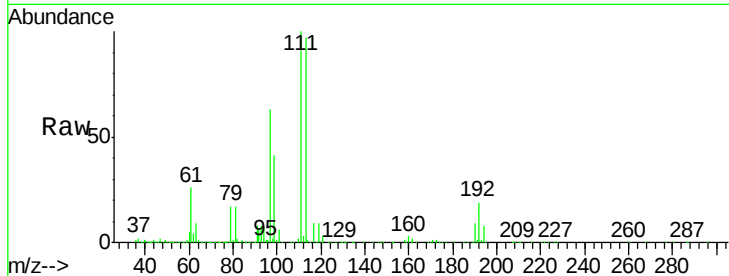
ClientSampleId :

VX0821WBS01

Tot Ion:	113	Resp:	326579
Ion Ratio	Lower	Upper	
113	100		
111	102.1	81.6	122.4
192	19.0	15.8	23.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.501 ug/l

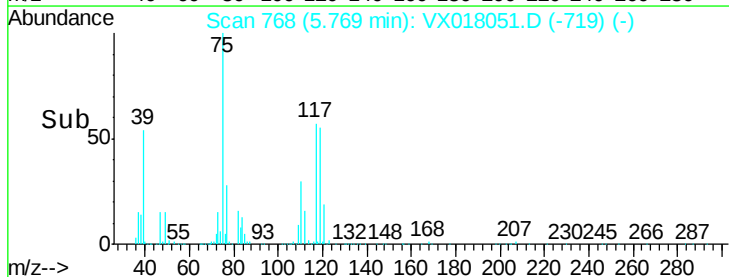
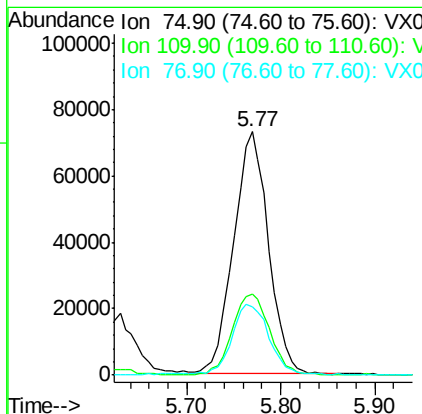
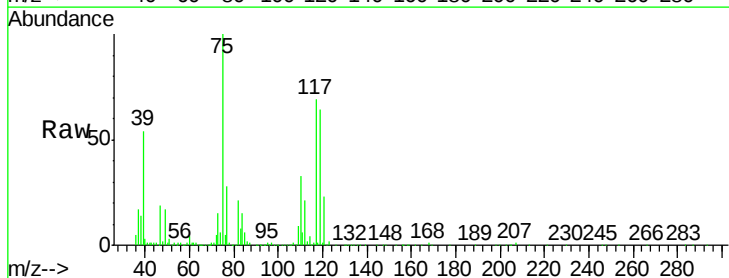
RT: 5.77 min Scan# 768

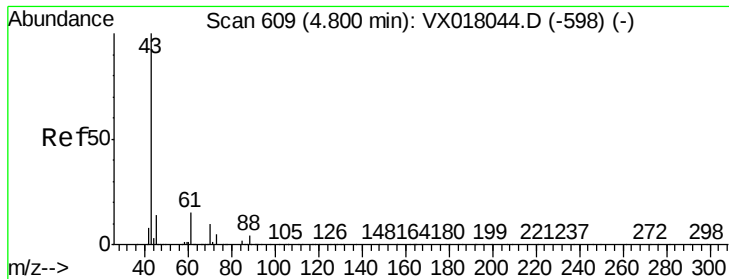
Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Tgt Ion:	75	Resp:	188697
Ion Ratio	Lower	Upper	
75	100		
110	36.1	18.0	54.0
77	30.7	24.4	36.6





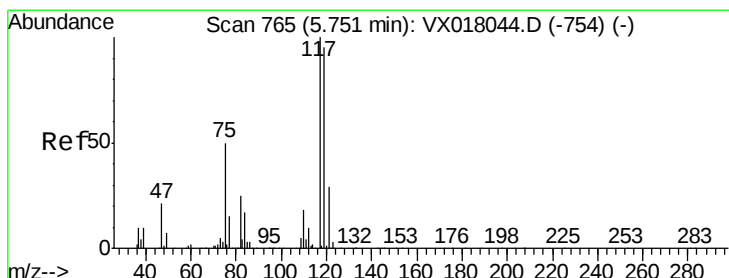
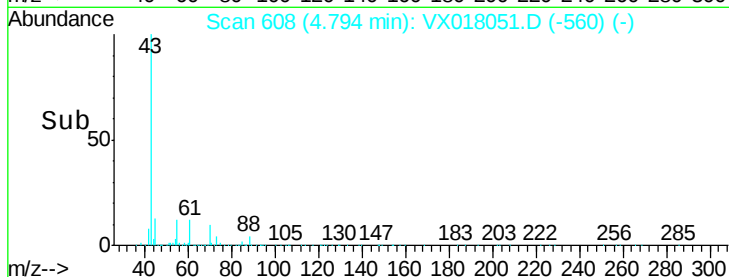
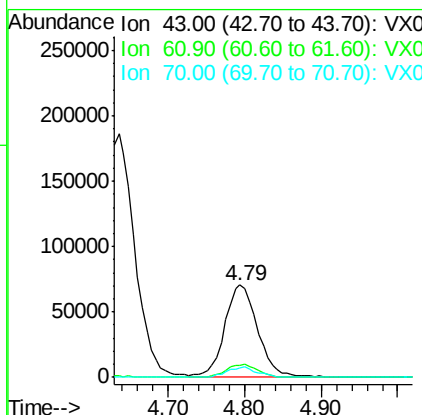
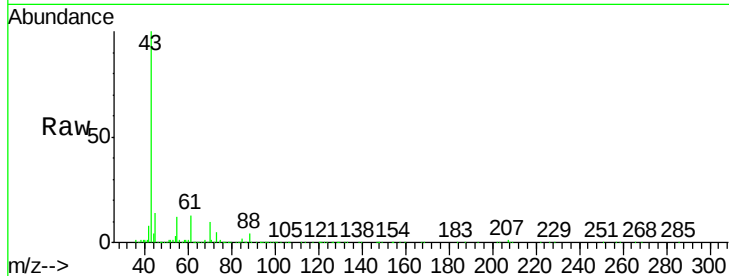
#37
Ethyl Acetate
Concen: 19.391 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.3	16.9
70	10.8	8.2	12.4

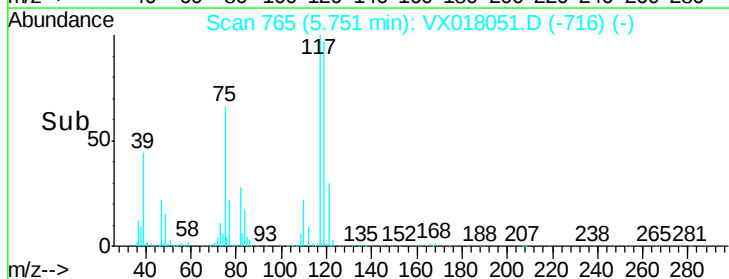
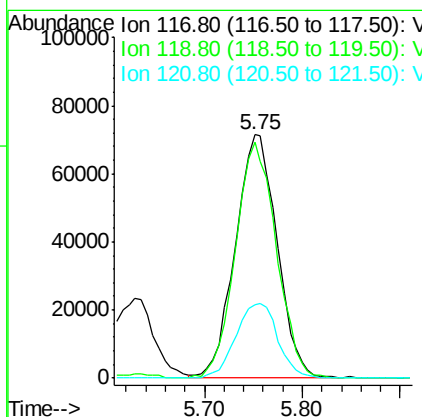
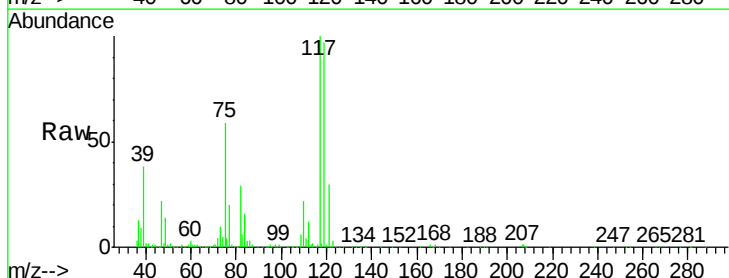
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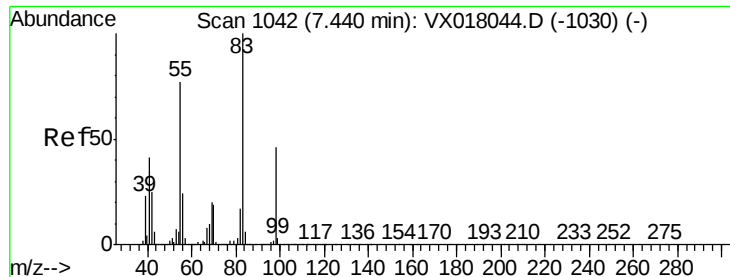
sam
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#38
Carbon Tetrachloride
Concen: 20.291 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.8	113.6
121	29.9	23.4	35.0





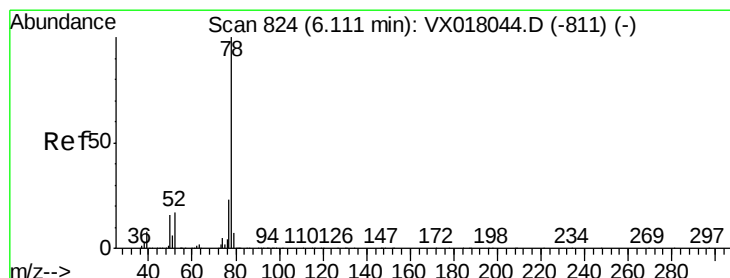
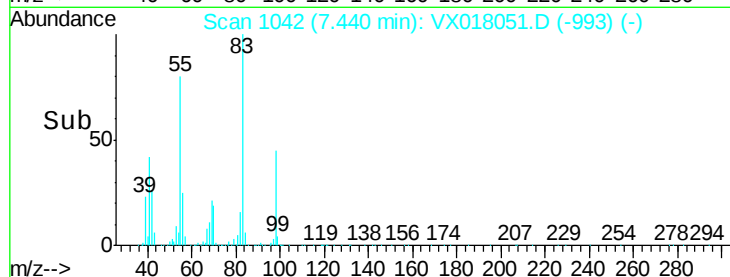
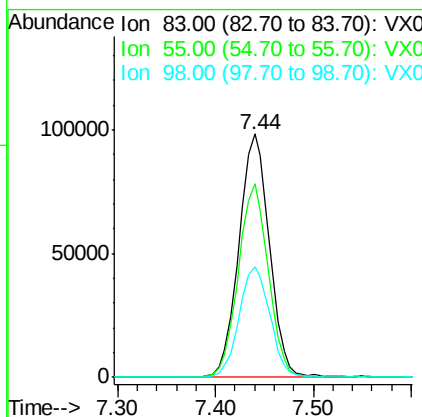
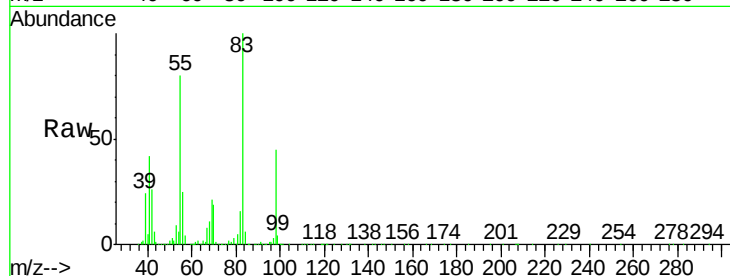
#39
Methvlcvclohexane
Concen: 21.144 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.7	61.8	92.6
98	45.2	36.6	55.0

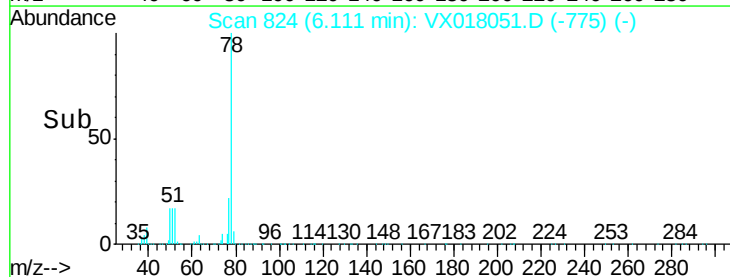
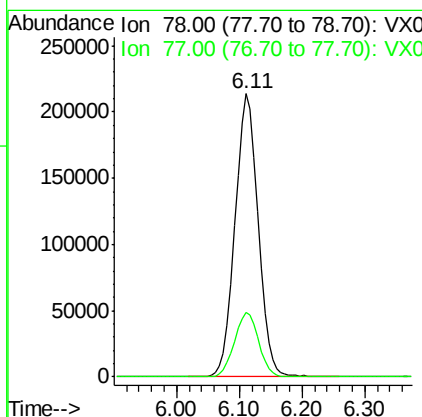
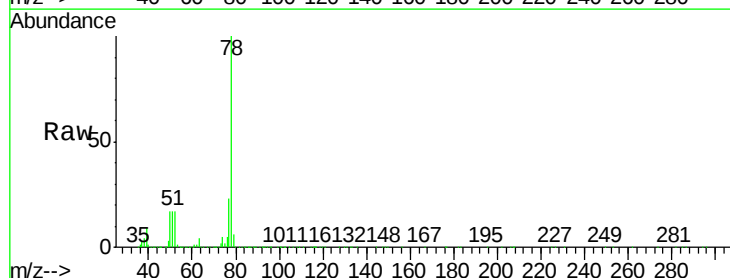
Manual Integrations
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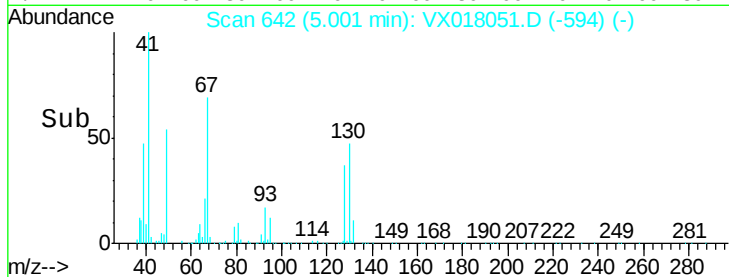
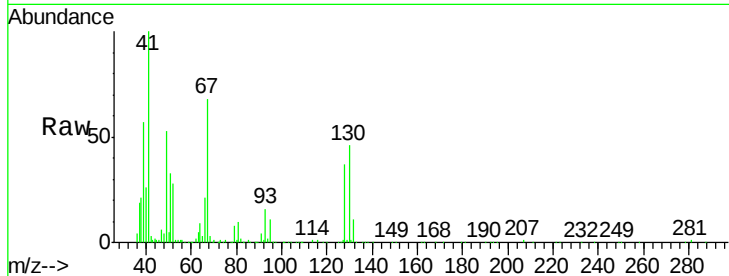
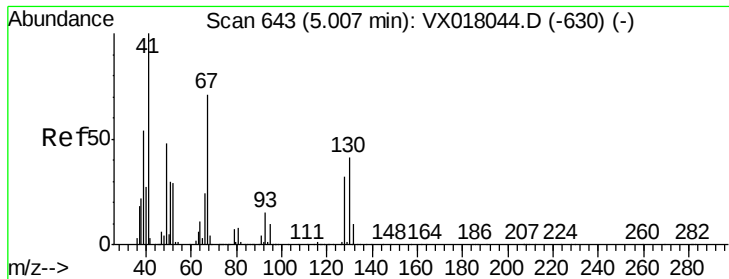
Sam
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#40
Benzene
Concen: 20.228 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.2	27.2





#41

Methacrylonitrile

Concen: 18.630 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX018051.D

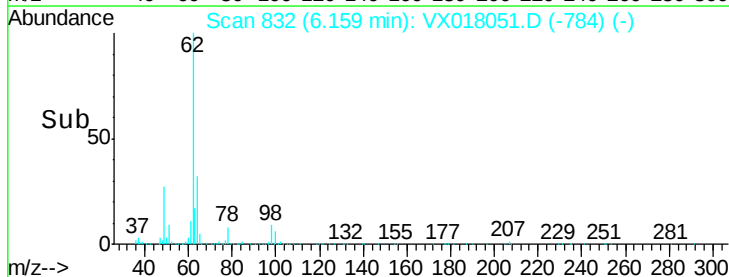
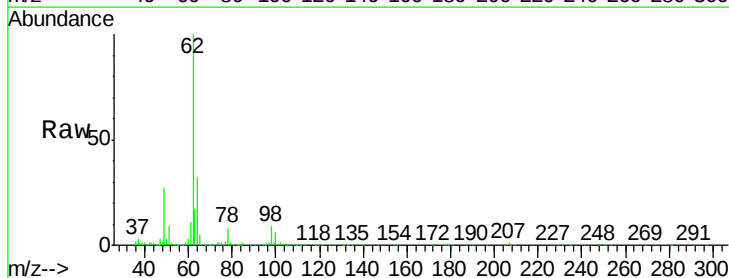
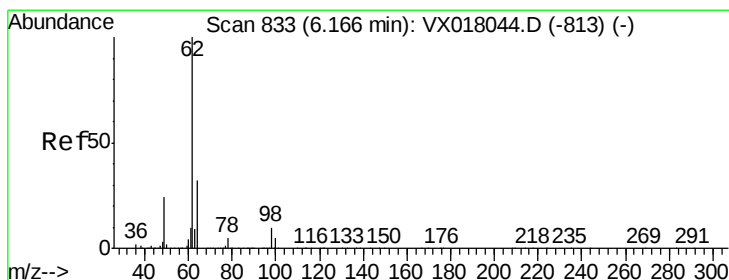
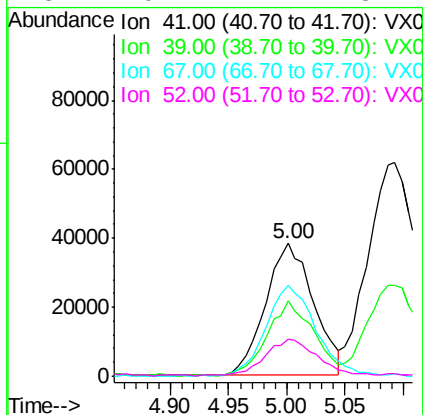
Acq: 21 Aug 2020 12:04

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.7	43.1	64.7	
67	72.4	56.0	84.0	
52	29.2	22.7	34.1	

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS01

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#42

1,2-Dichloroethane

Concen: 20.142 ug/l

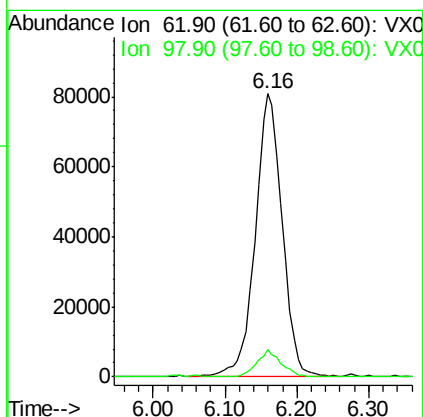
RT: 6.16 min Scan# 832

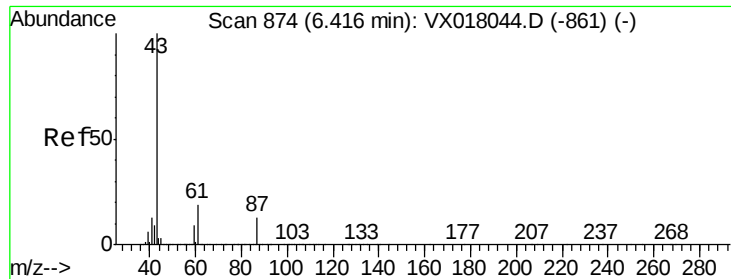
Delta R.T. -0.01 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.7	0.0	18.2	





#43

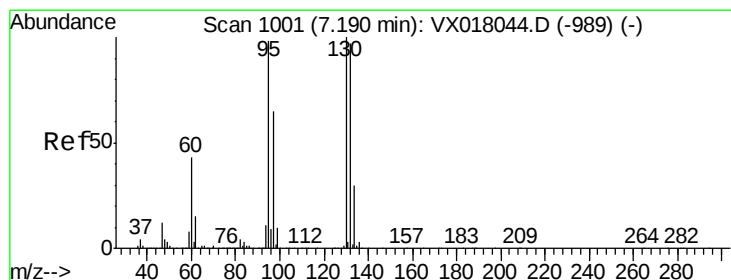
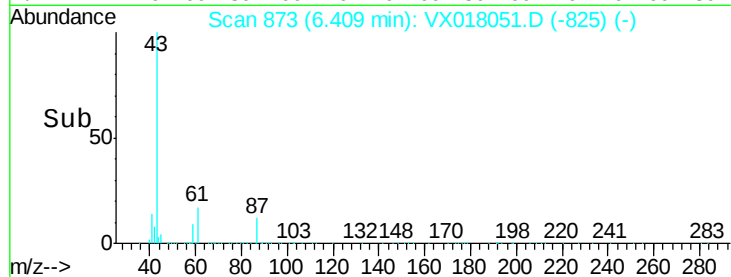
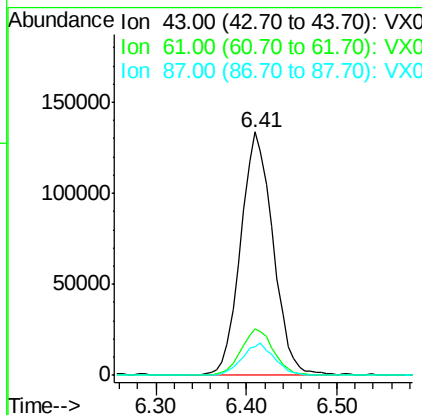
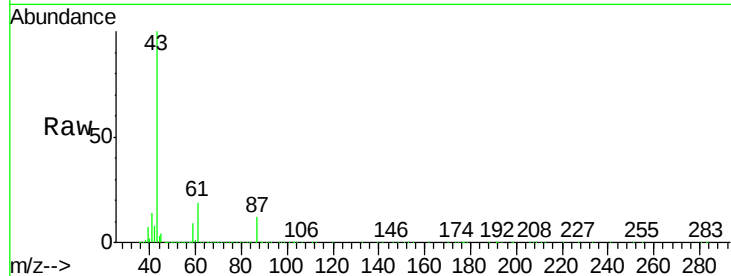
Isopropyl Acetate
 Concen: 19.014 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018051.D
 Acq: 21 Aug 2020 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.7	23.5
87	13.1	10.3	15.5

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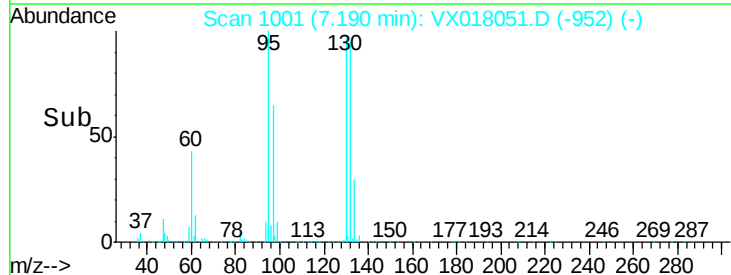
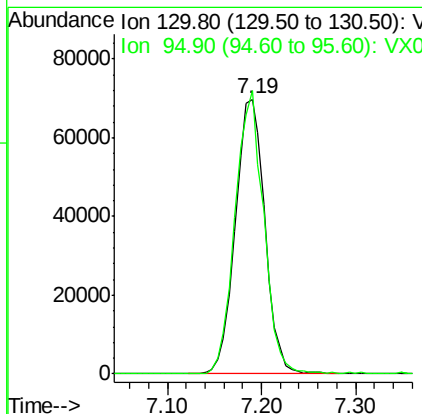
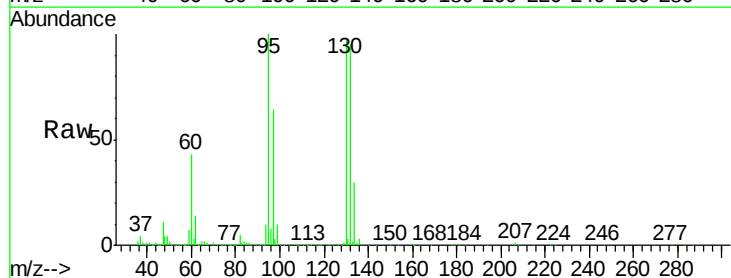
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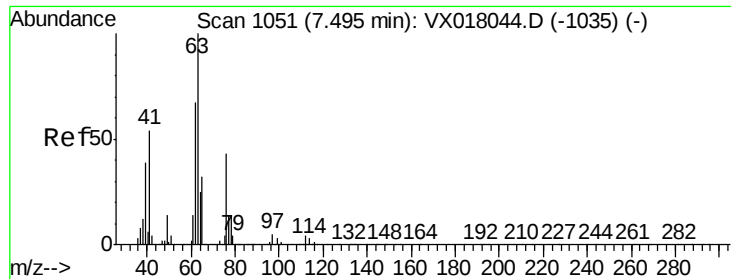


#44

Trichloroethene
 Concen: 19.962 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018051.D
 Acq: 21 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.7	0.0	196.4





#45

1,2-Dichloropropane

Concen: 20.012 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS01

Tot Ion: 63 Resp: 145877

Ion Ratio Lower Upper

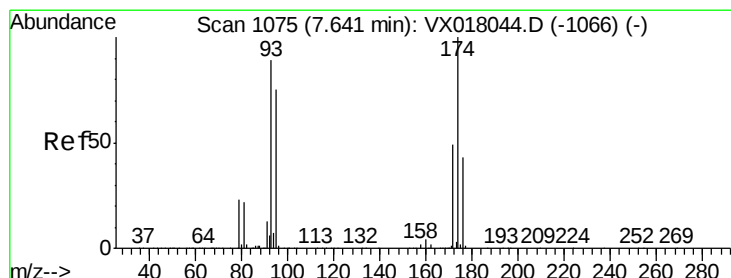
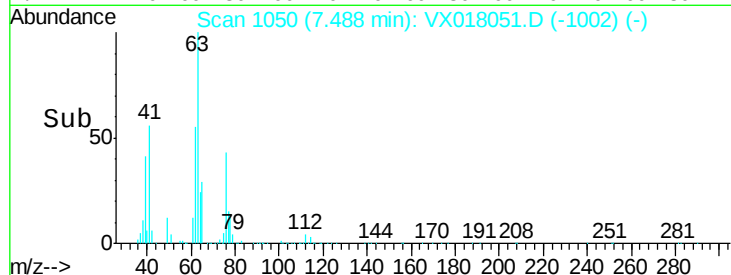
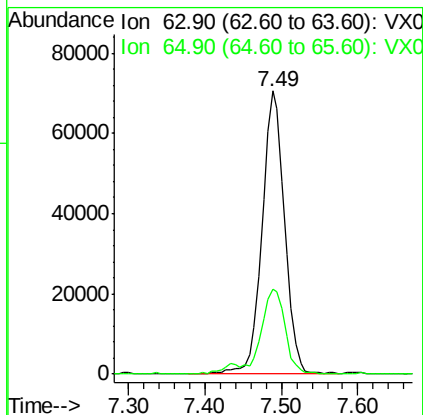
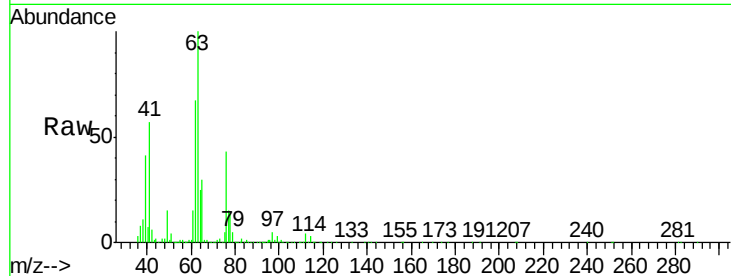
63 100

65 29.8 25.7 38.5

Manual Integrations
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#46

Dibromomethane

Concen: 18.788 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

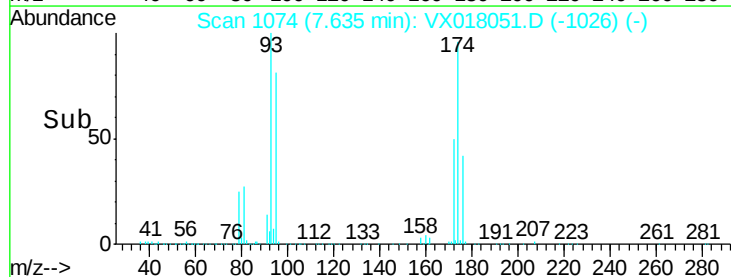
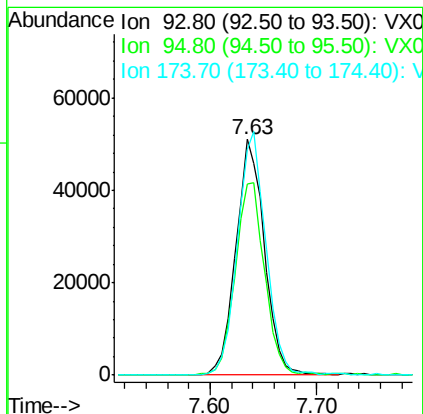
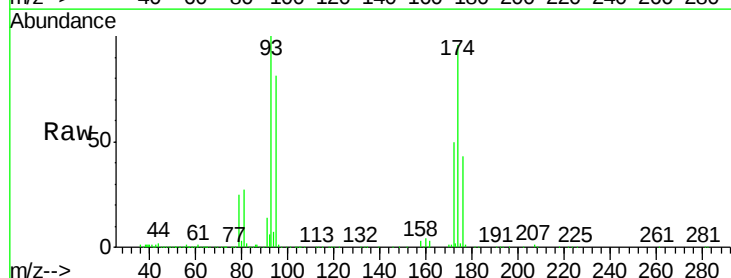
Tgt Ion: 93 Resp: 96306

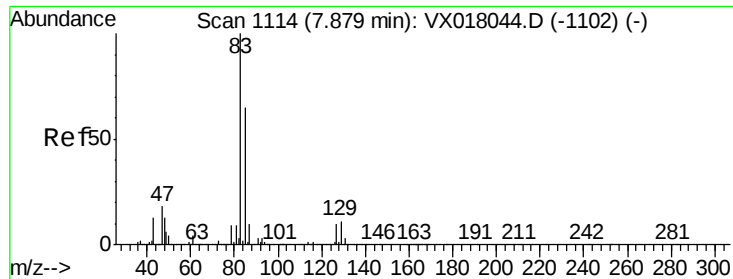
Ion Ratio Lower Upper

93 100

95 84.2 67.3 100.9

174 102.6 82.2 123.2





#47

Bromodichloromethane

Concen: 19.688 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

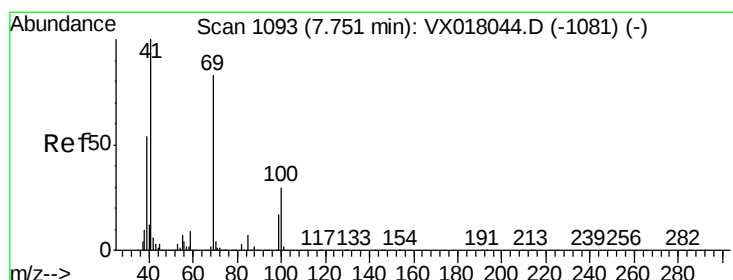
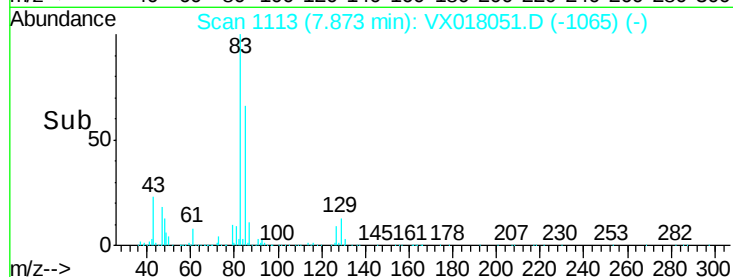
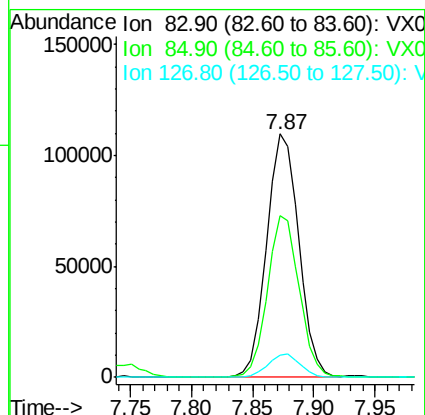
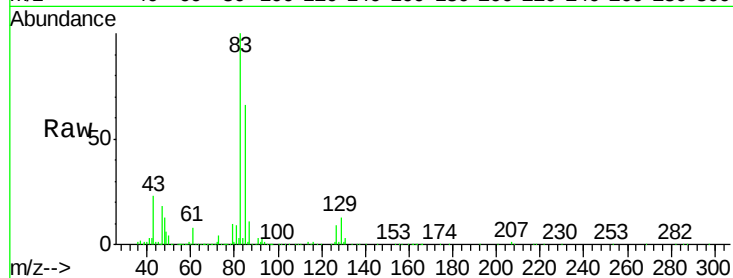
ClientSampleId :

VX0821WBS01

Tot Ion:	83	Resp:	201510
Ion Ratio	Lower	Upper	
83	100		
85	66.2	51.8	77.6
127	8.9	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.877 ug/l

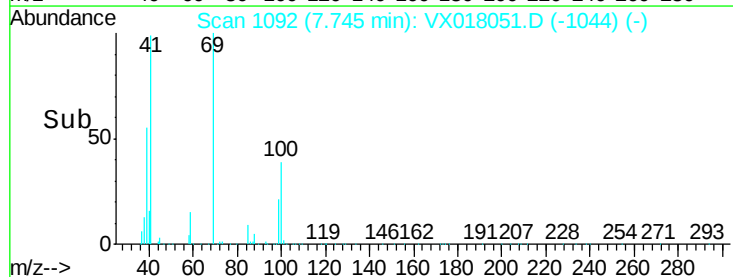
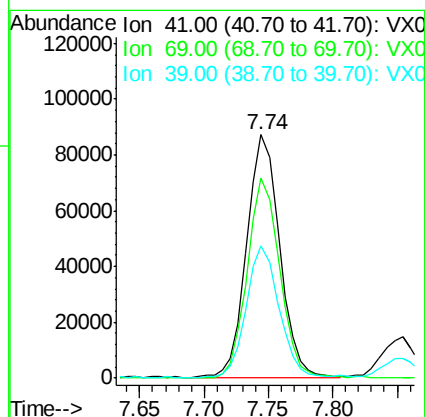
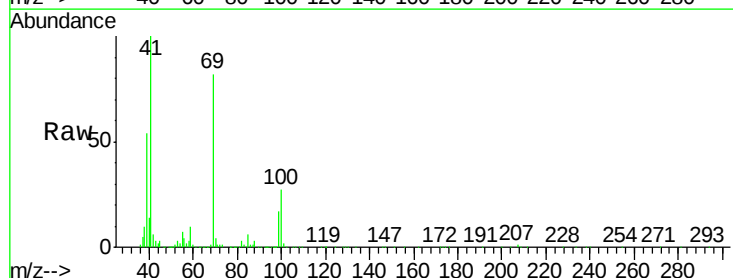
RT: 7.74 min Scan# 1092

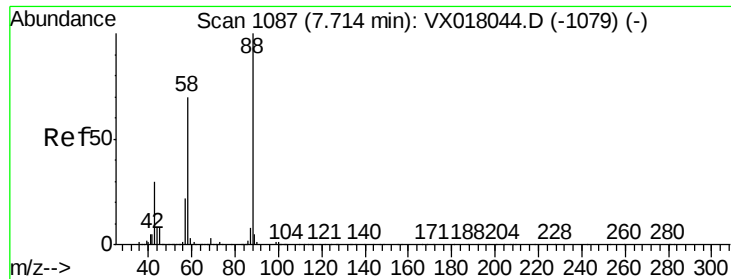
Delta R.T. -0.01 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Tgt Ion:	41	Resp:	153666
Ion Ratio	Lower	Upper	
41	100		
69	80.9	65.5	98.3
39	54.2	44.5	66.7





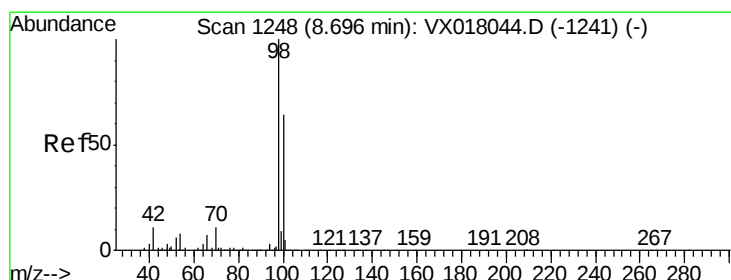
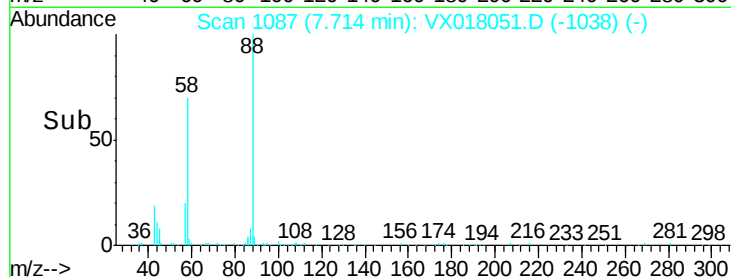
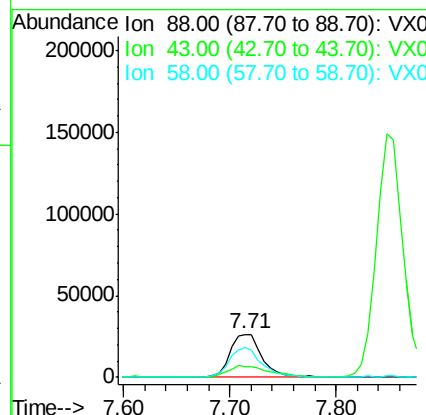
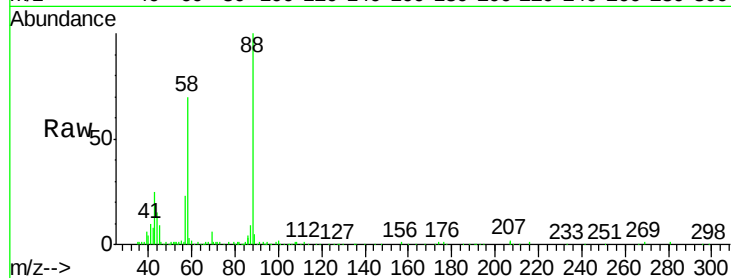
#49
1,4-Dioxane
Concen: 351.316 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.4	27.4	41.0
58	71.3	56.4	84.6

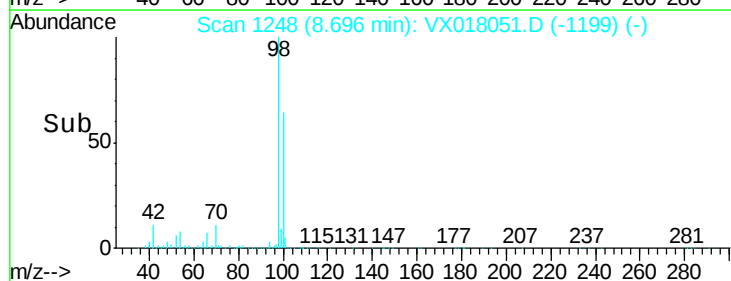
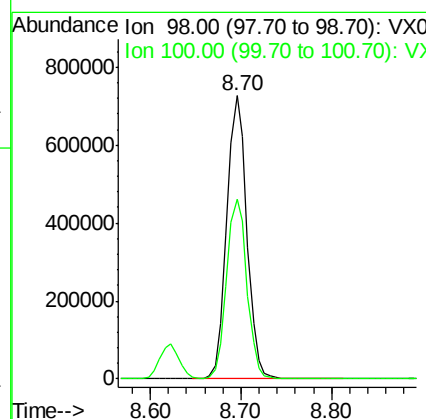
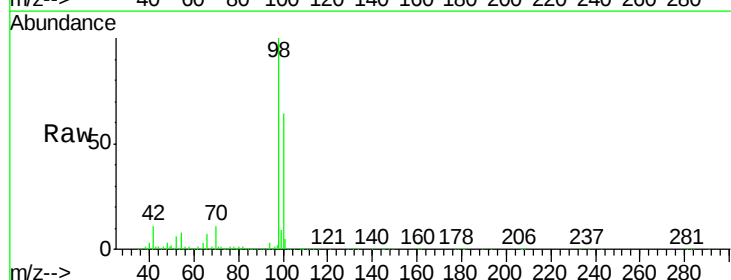
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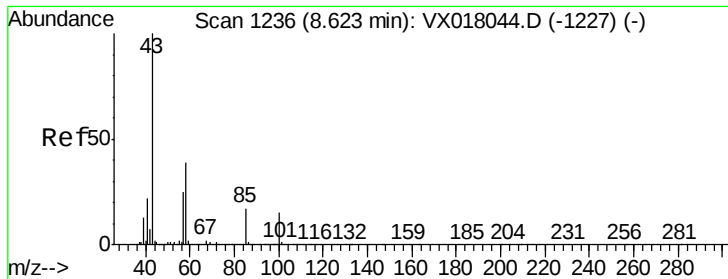
Sam
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#50
Toluene-d8
Concen: 44.298 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 85.839 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS01

Tot Ion: 43 Resp: 915542

Ion Ratio Lower Upper

43 100

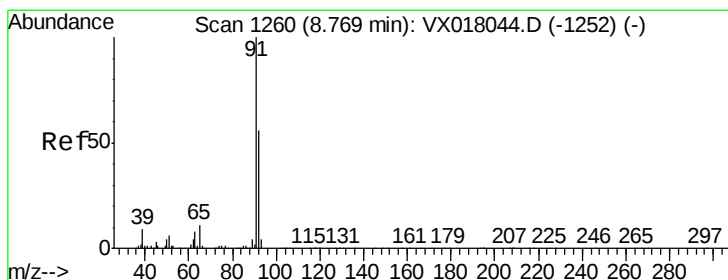
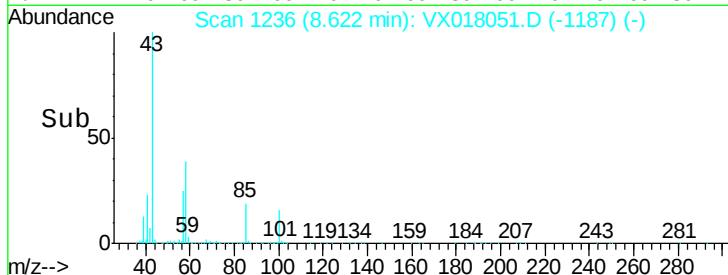
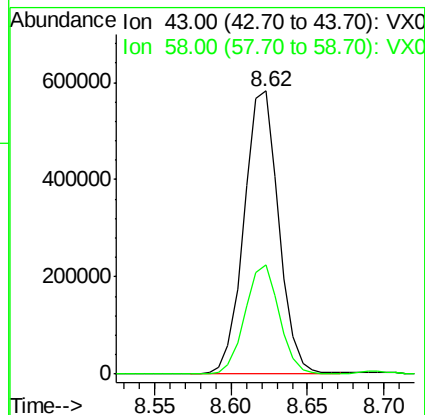
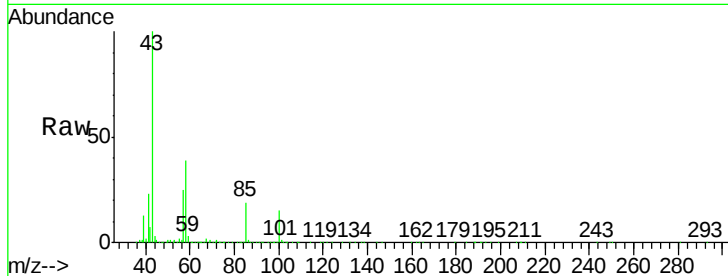
58 38.2 30.7 46.1

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#52

Toluene

Concen: 18.447 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018051.D

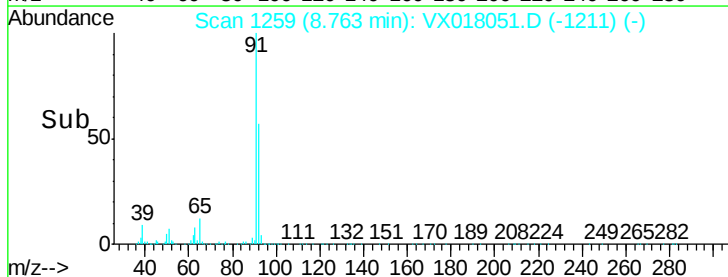
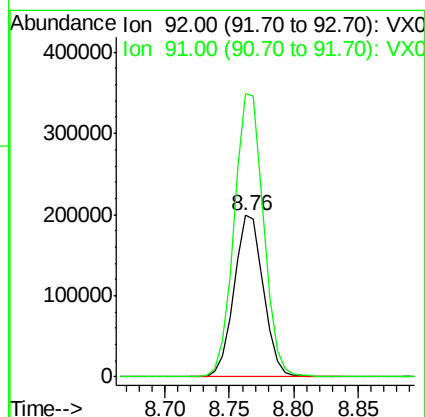
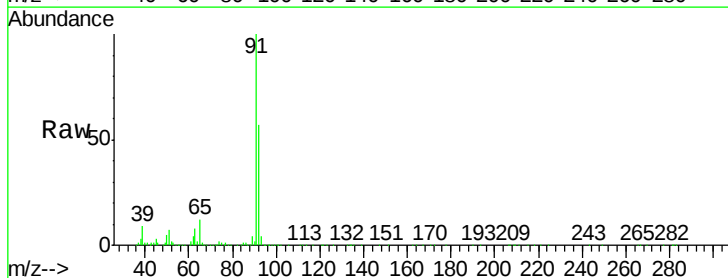
Acq: 21 Aug 2020 12:04

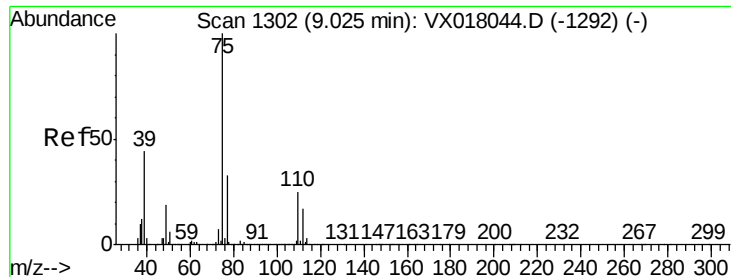
Tgt Ion: 92 Resp: 316368

Ion Ratio Lower Upper

92 100

91 176.0 140.3 210.5





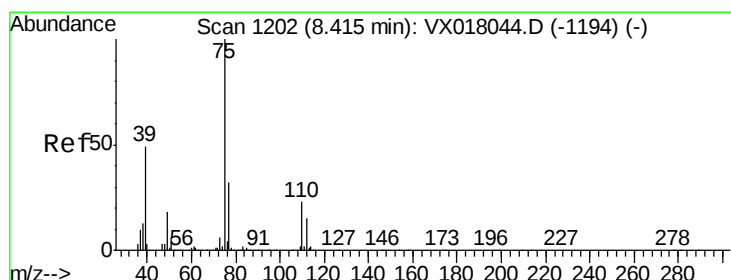
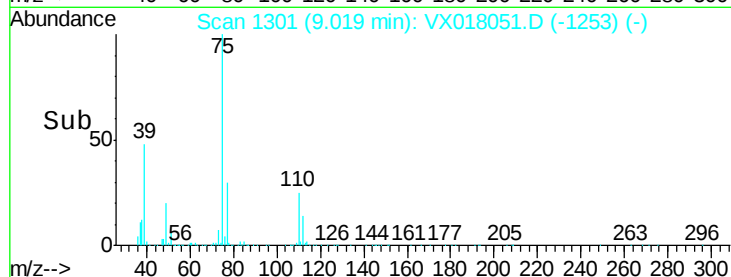
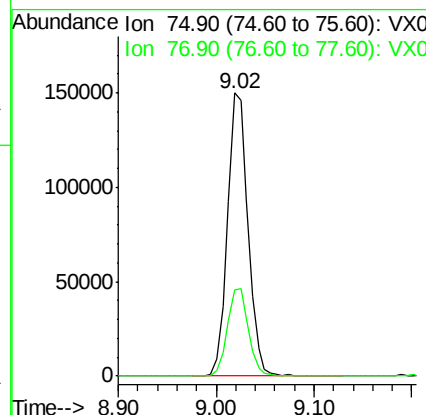
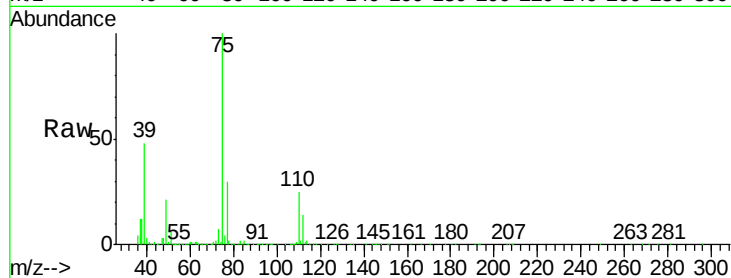
#53
t-1,3-Dichloropropene
Concen: 19.200 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Instrument :
MSVOA_X
ClientSampled :
VX0821WBS01

Tot Ion: 75 Resp: 217799
Ion Ratio Lower Upper
75 100
77 30.4 26.6 39.8

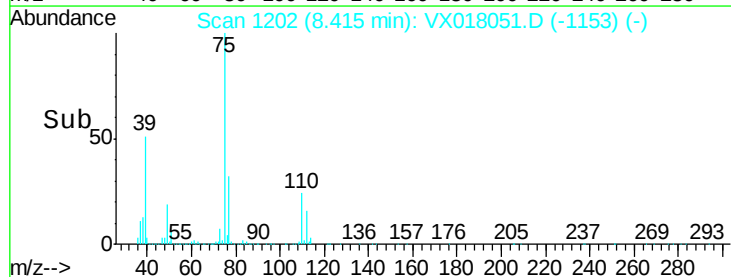
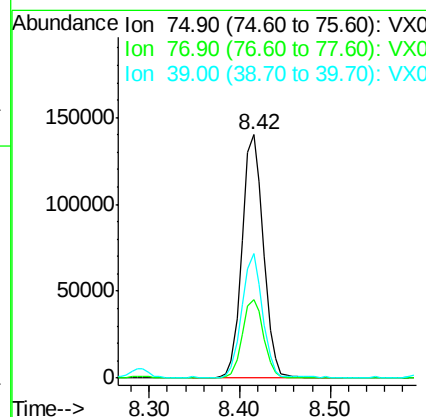
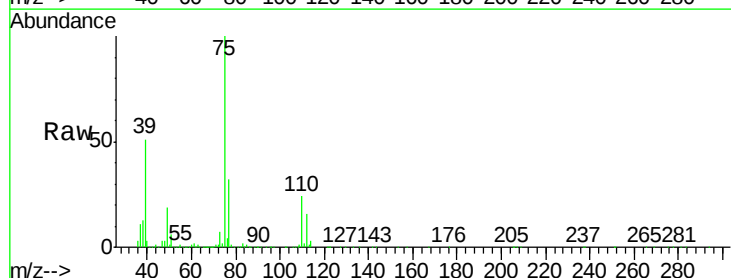
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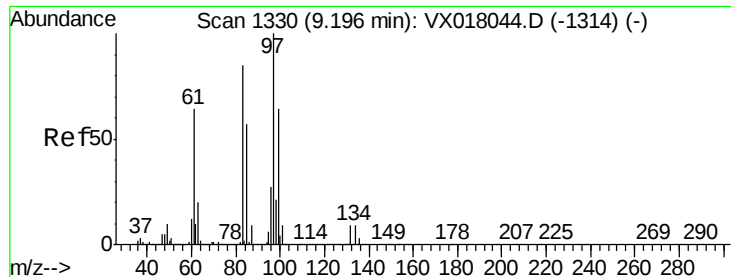
sam
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#54
cis-1,3-Dichloropropene
Concen: 19.092 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Tgt Ion: 75 Resp: 229424
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.8
39 50.8 38.8 58.2





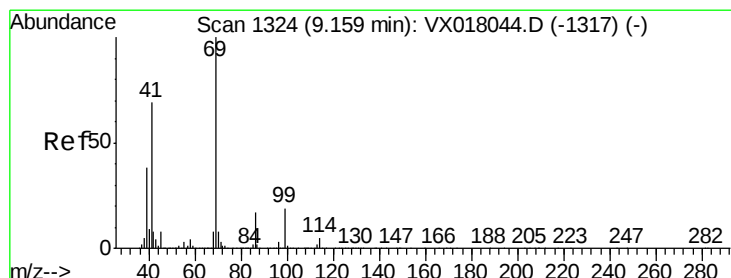
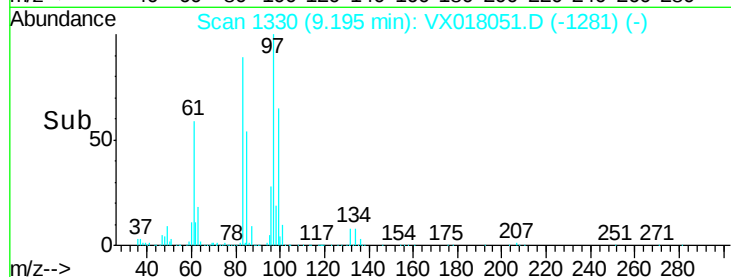
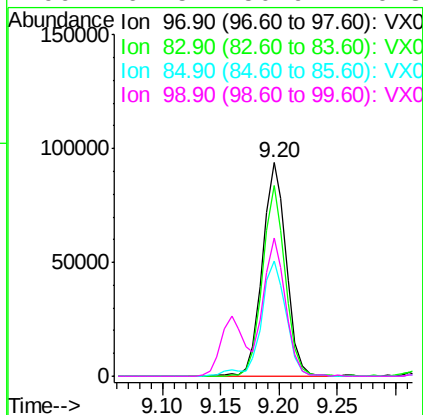
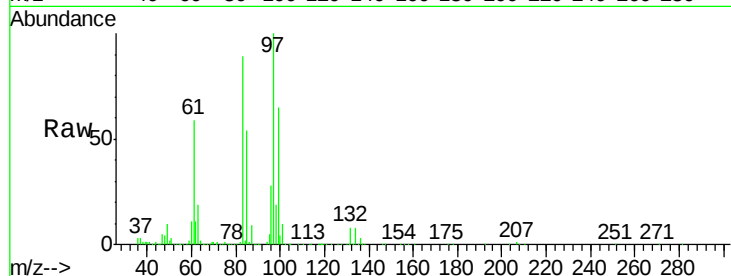
#55
 1,1,2-Trichloroethane
 Concen: 18.404 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018051.D
 Acq: 21 Aug 2020 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS01

Tot Ion	97	Resp	134613
Ion Ratio	Lower	Upper	
97	100		
83	89.1	67.8	101.6
85	53.8	45.3	67.9
99	64.5	50.9	76.3

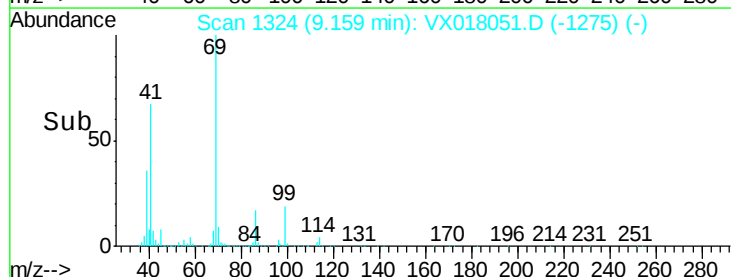
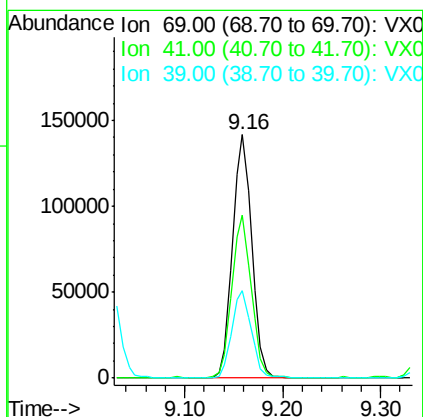
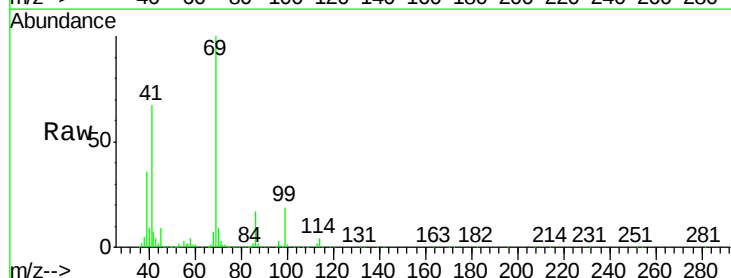
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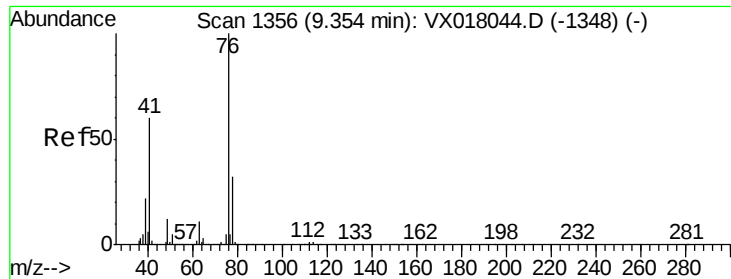
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#56
 Ethyl methacrylate
 Concen: 17.901 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018051.D
 Acq: 21 Aug 2020 12:04

Tgt Ion	69	Resp	194644
Ion Ratio	Lower	Upper	
69	100		
41	67.4	54.6	81.8
39	36.1	29.1	43.7





#57

1,3-Dichloropropane

Concen: 19.623 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS01

Tot Ion: 76 Resp: 236731

Ion Ratio Lower Upper

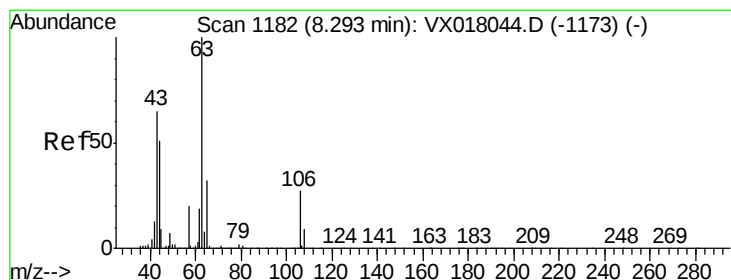
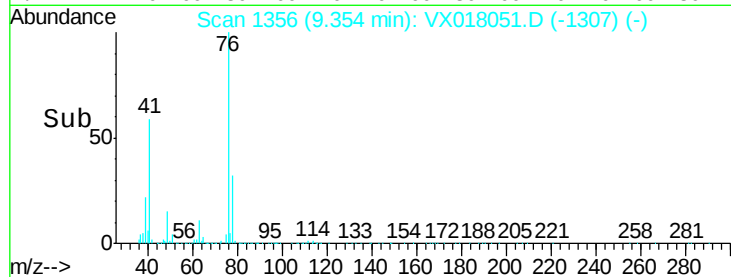
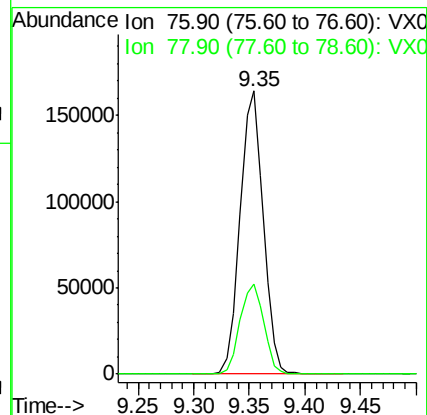
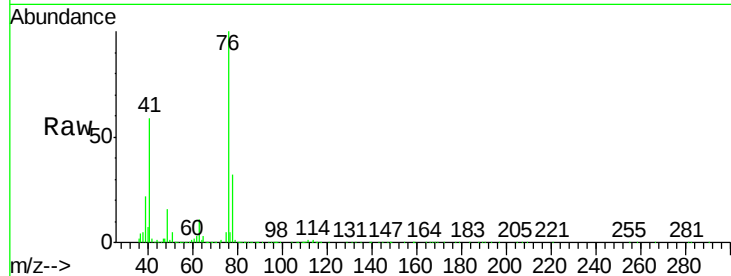
76 100

78 32.5 25.8 38.6

Manual Integrations
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sam

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#58

2-Chloroethyl Vinyl ether

Concen: 82.481 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018051.D

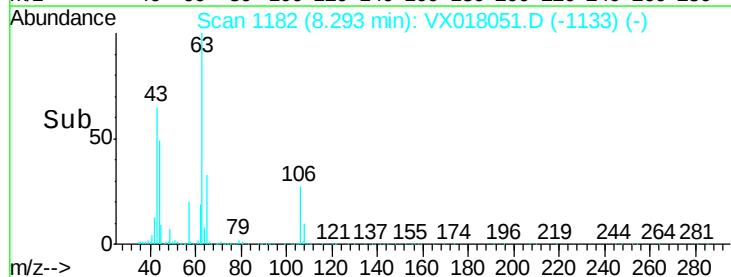
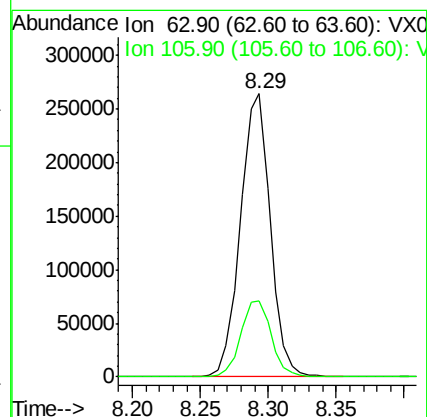
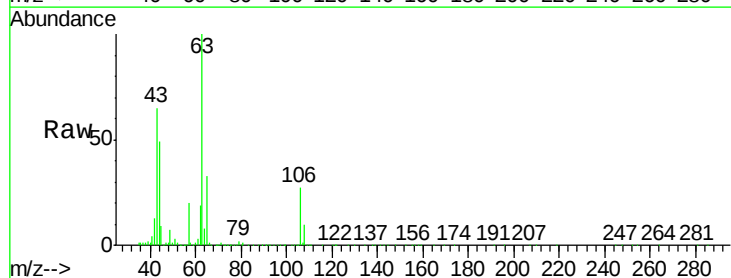
Acq: 21 Aug 2020 12:04

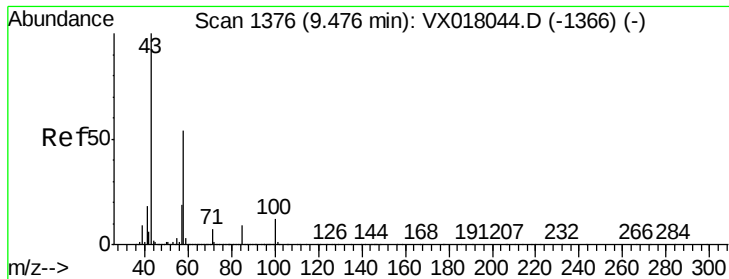
Tgt Ion: 63 Resp: 403444

Ion Ratio Lower Upper

63 100

106 27.7 22.1 33.1





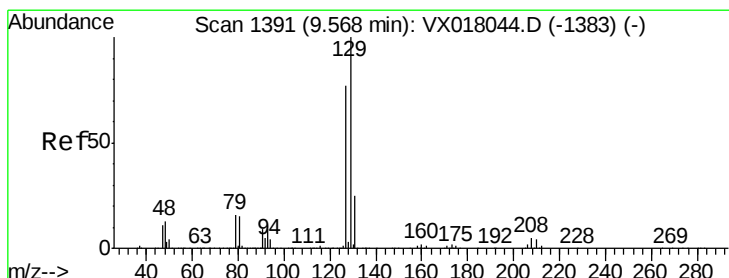
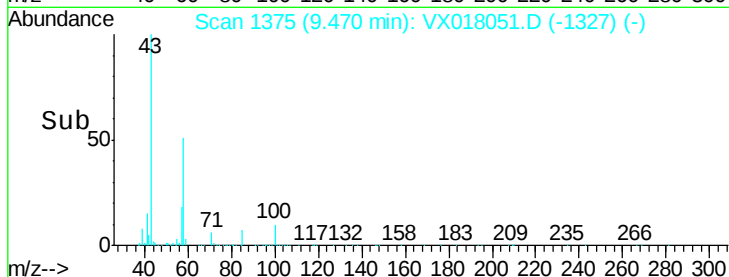
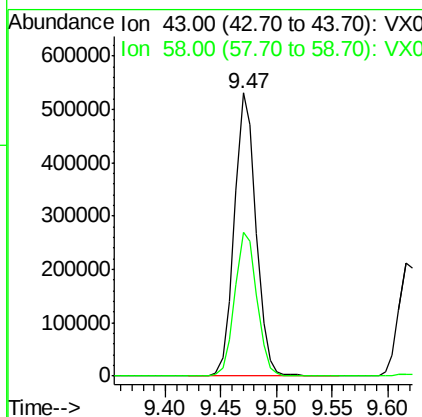
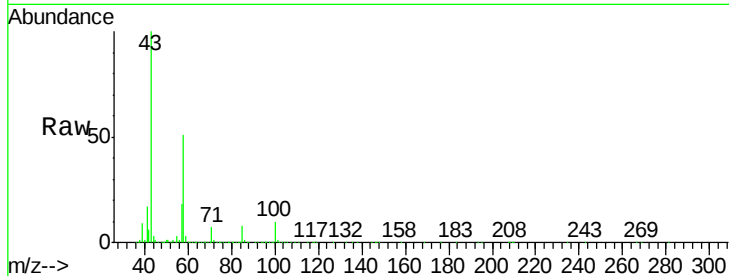
#59
2-Hexanone
Concen: 87.739 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.0	26.6	79.7

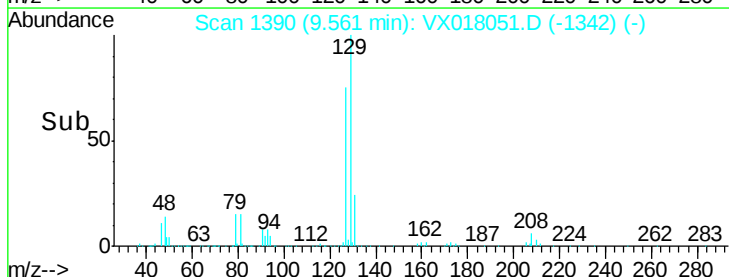
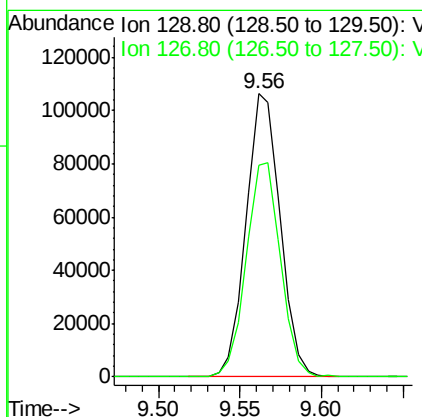
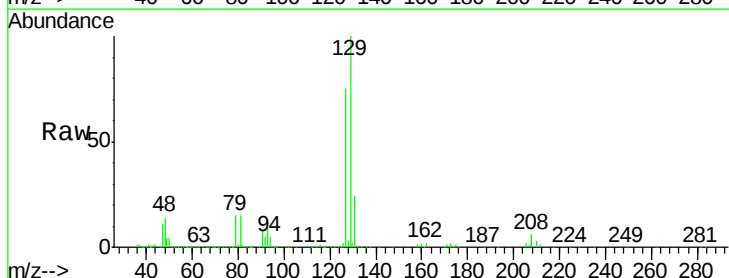
Manual Integrations
APPROVED

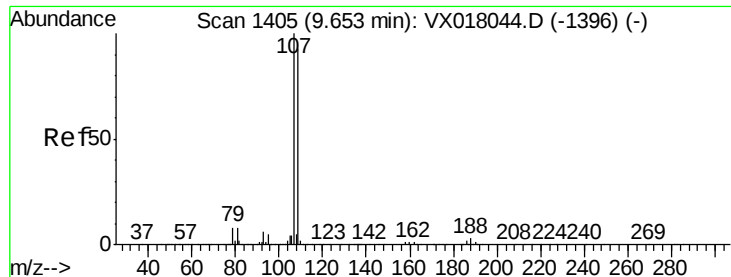
sam
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#60
Dibromochloromethane
Concen: 18.104 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.3	38.9	116.6





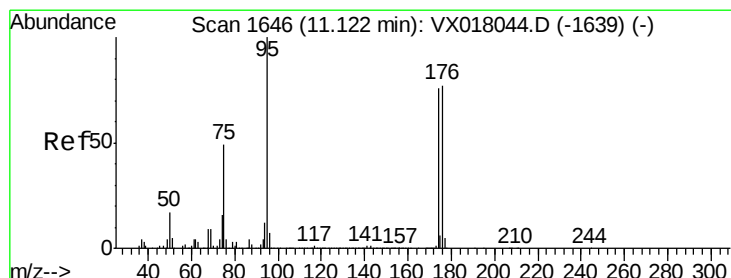
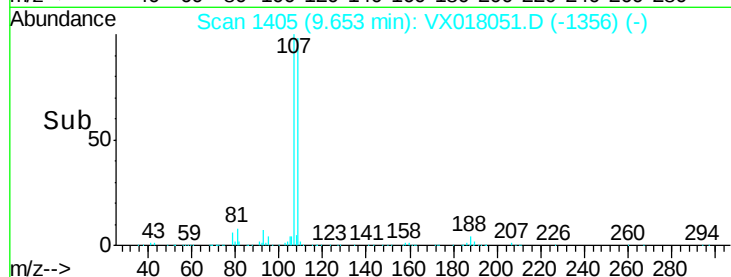
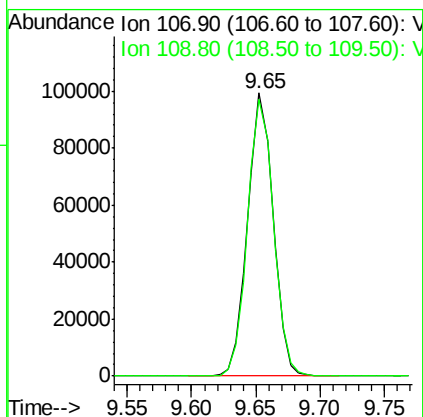
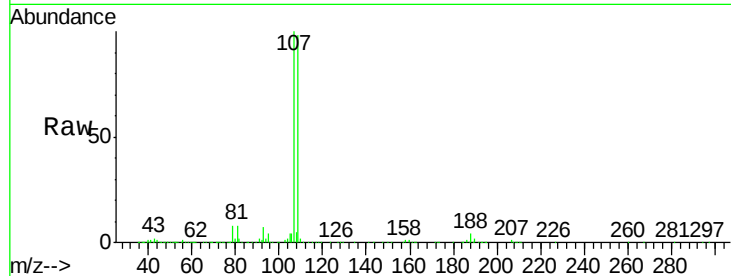
#61
 1,2-Dibromoethane
 Concen: 17.167 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX018051.D
 Acq: 21 Aug 2020 12:04

Instrument :
 MSVOA_X
 ClientSampled :
 VX0821WBS01

Tot Ion	Ratio	Resp	Lower	Upper
107	100	136320		
109	99.4	75.9	113.9	

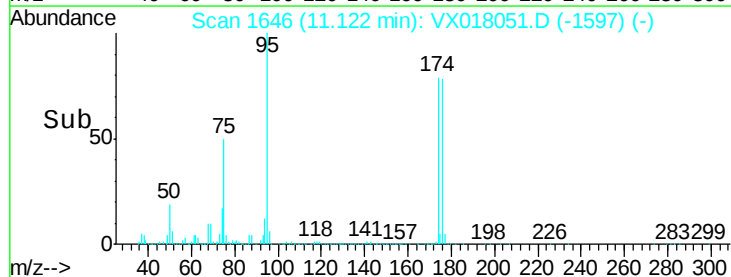
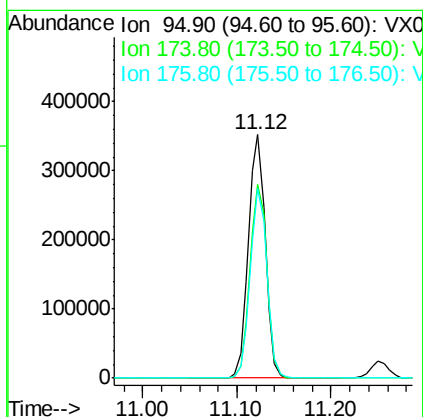
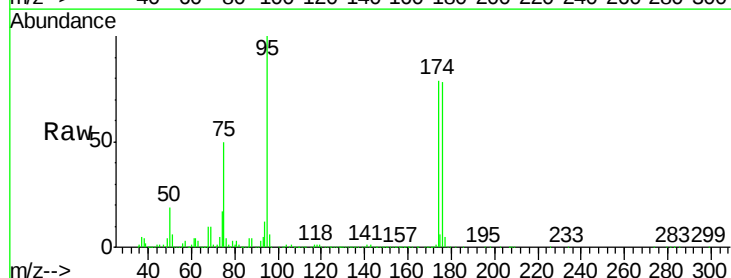
Manual Integrations
 APPROVED

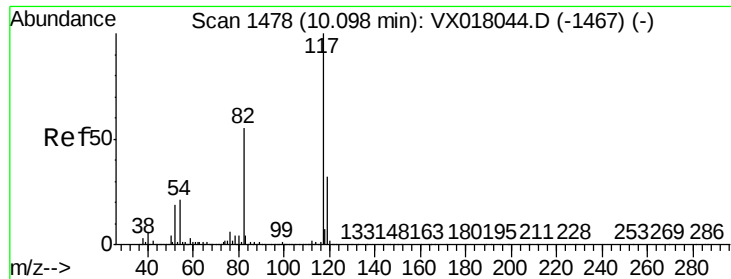
sam
 8/24/2020 5:50:04 PM



#62
 4-Bromofluorobenzene
 Concen: 44.473 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX018051.D
 Acq: 21 Aug 2020 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	442918		
174	80.3	0.0	160.2	
176	77.5	0.0	155.8	





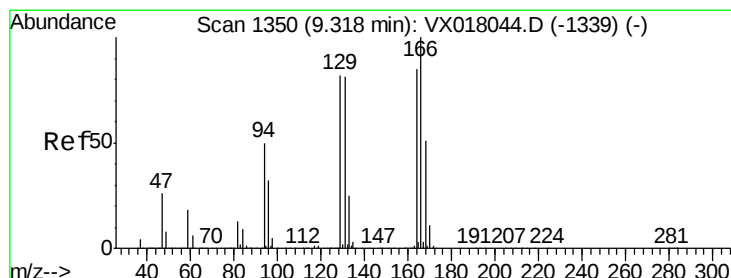
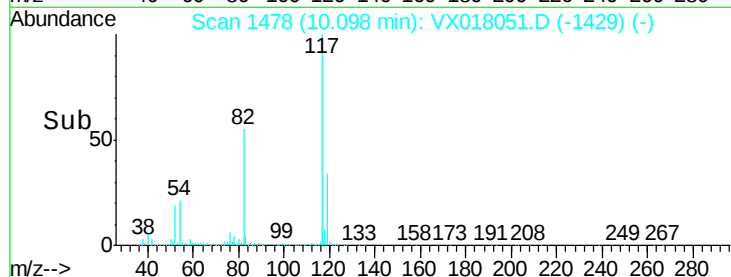
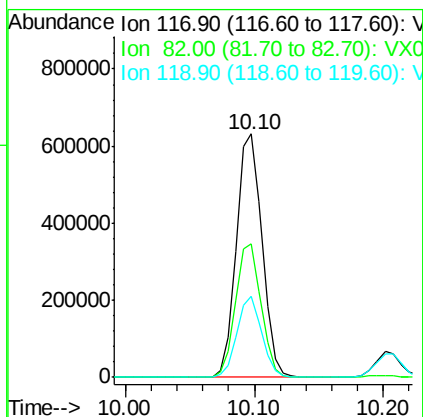
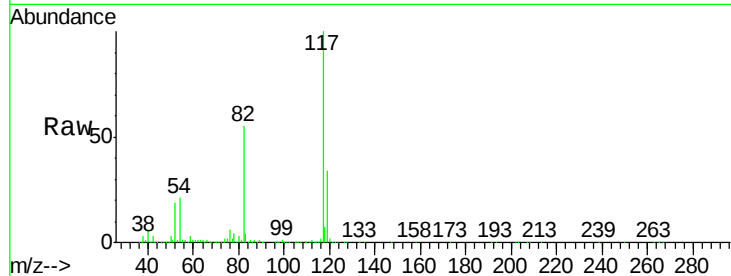
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	874640		
82	54.8	44.2	66.2	
119	33.5	25.7	38.5	

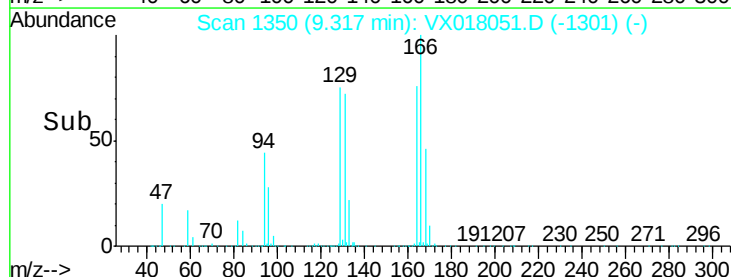
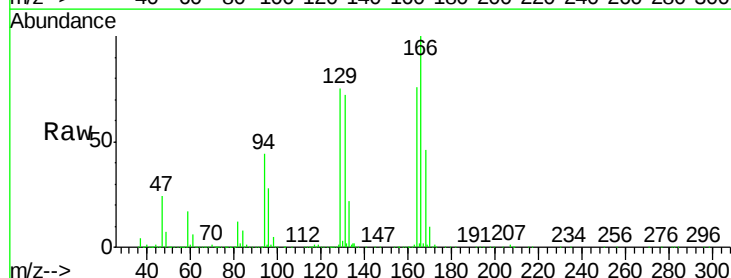
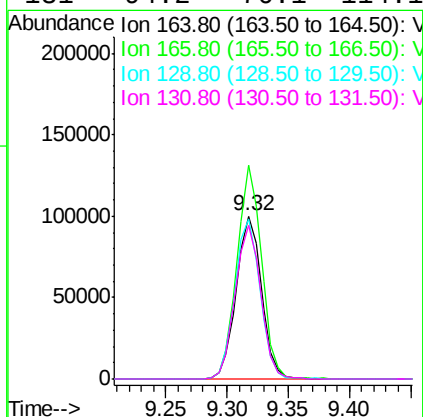
Manual Integrations
APPROVED

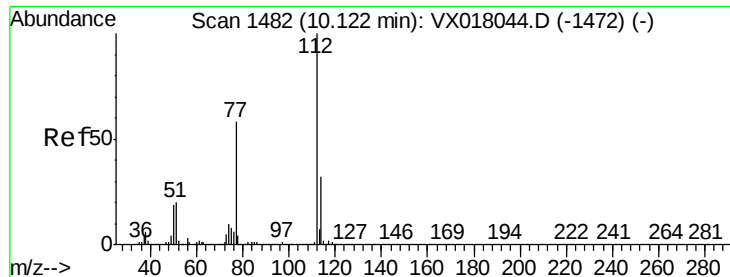
sam
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#64
Tetrachloroethene
Concen: 22.228 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	142866		
166	130.9	94.2	141.2	
129	97.7	76.9	115.3	
131	94.2	76.1	114.1	





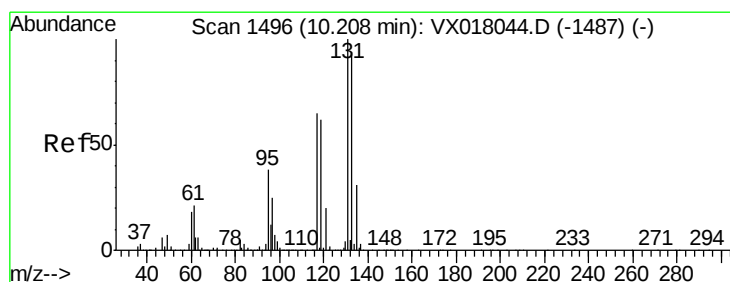
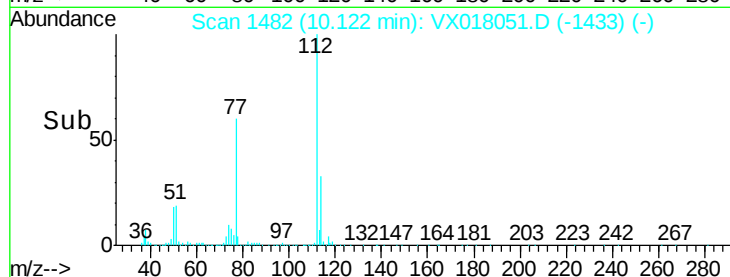
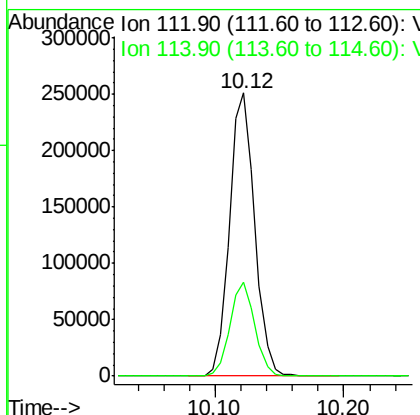
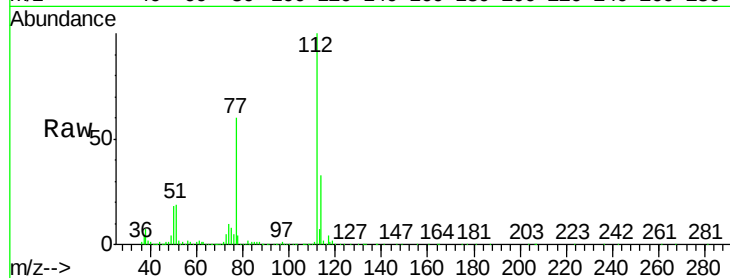
#65
Chlorobenzene
Concen: 19.658 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Instrument :
MSVOA_X
ClientSampled :
VX0821WBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	343391		
114	33.0	25.7	38.5	

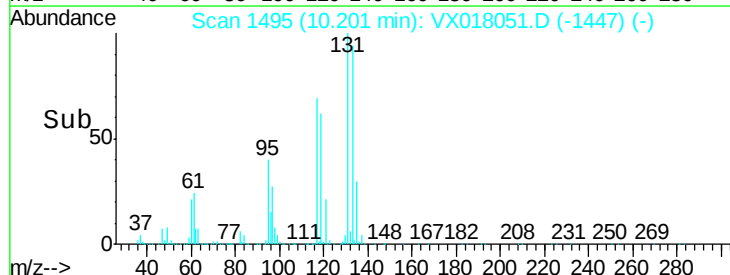
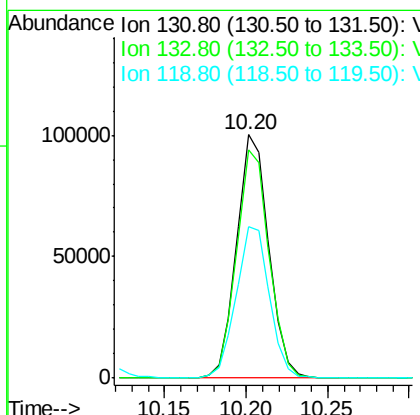
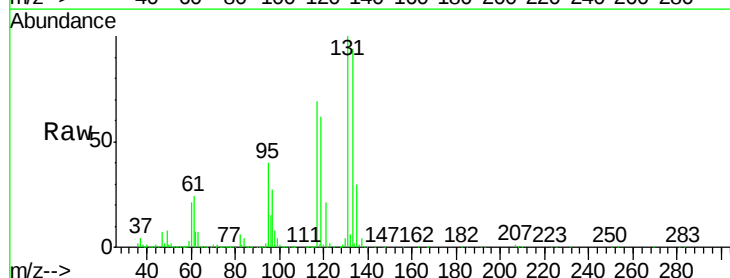
Manual Integrations
APPROVED

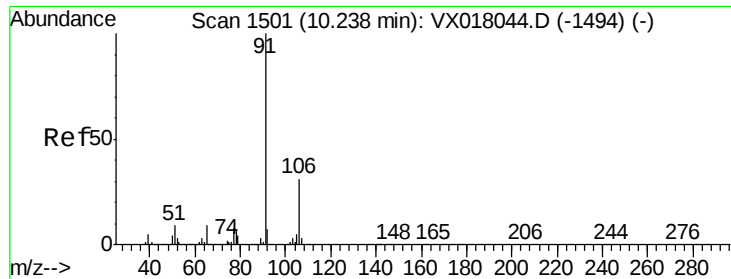
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.063 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	138129		
133	94.9	46.7	140.1	
119	64.3	31.8	95.4	





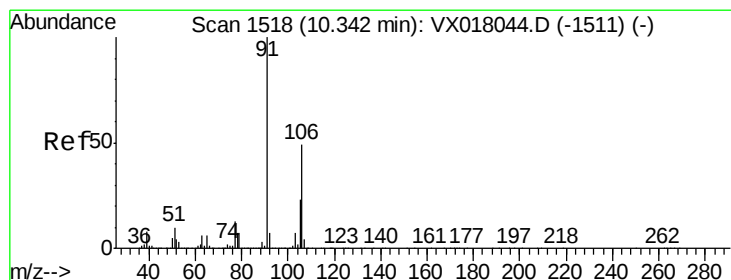
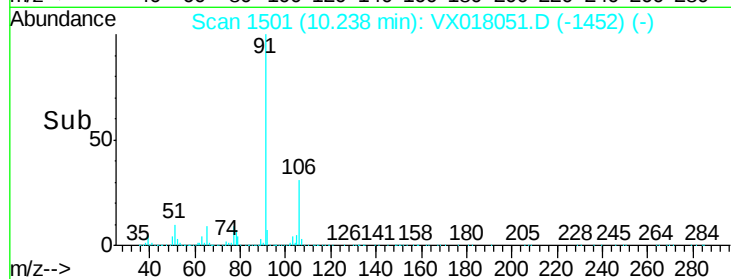
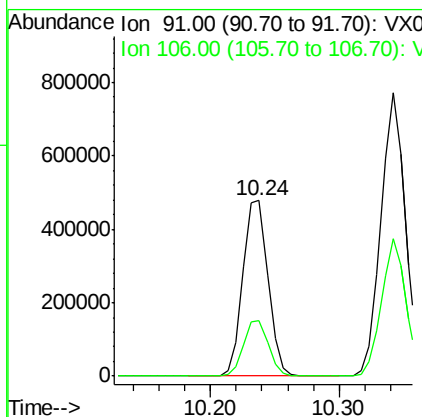
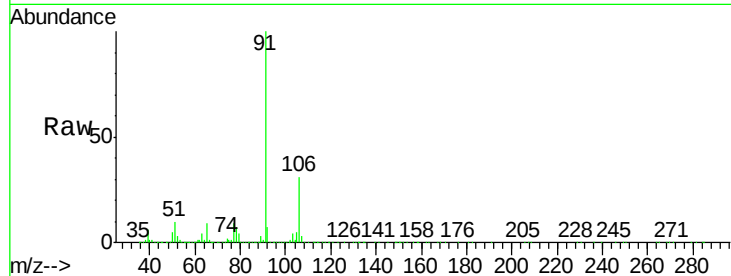
#67
Ethyl Benzene
Concen: 21.841 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.4	24.9	37.3

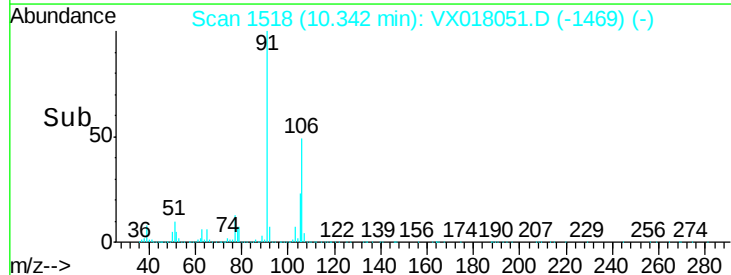
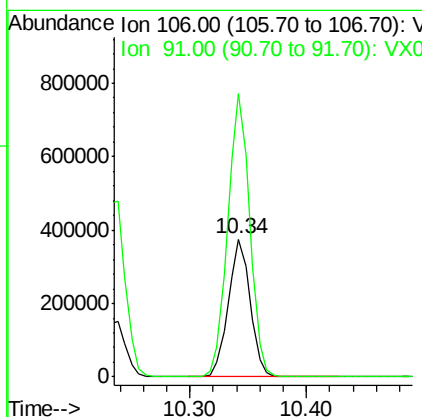
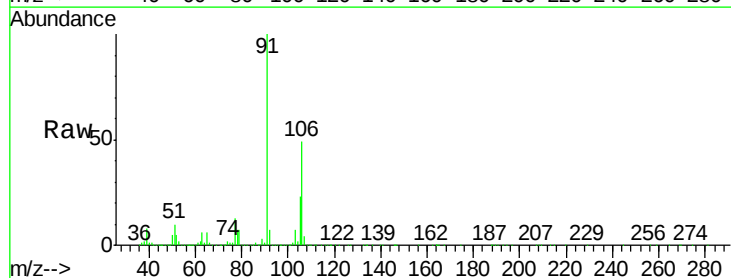
Manual Integrations
APPROVED

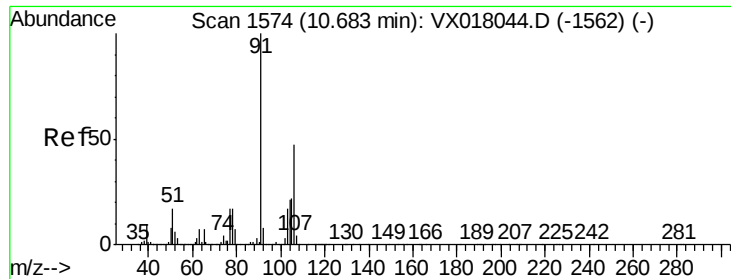
Sam
8/24/2020 5:50:04 PM



#68
m/p-Xylenes
Concen: 44.282 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
106	100		
91	205.8	162.2	243.2





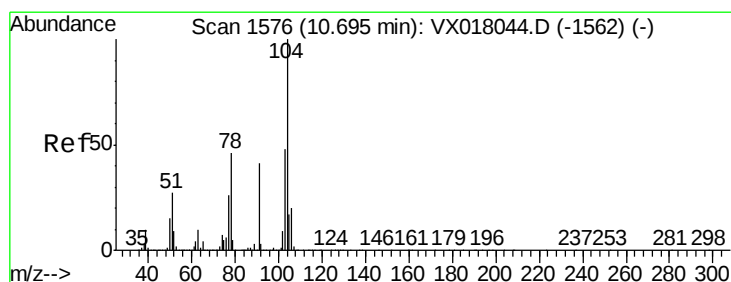
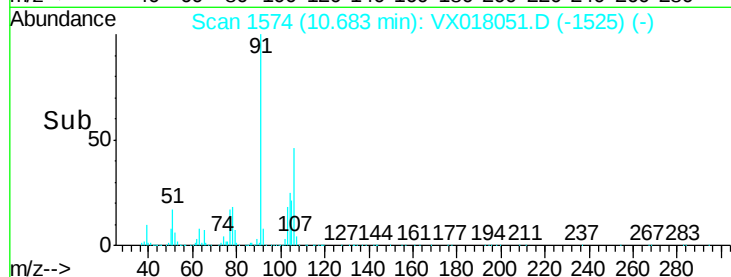
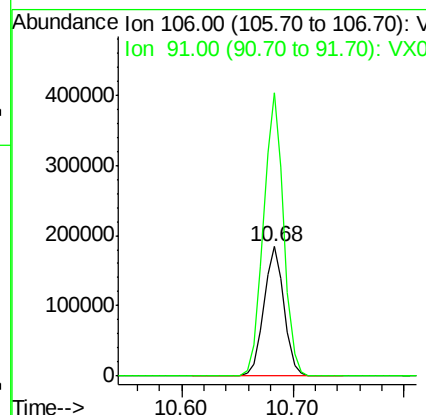
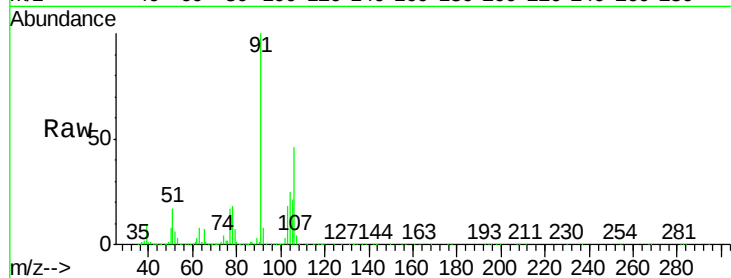
#69
o-Xylene
Concen: 21.719 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Instrument :
MSVOA_X
ClientSampled :
VX0821WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	217.1	107.1	321.3

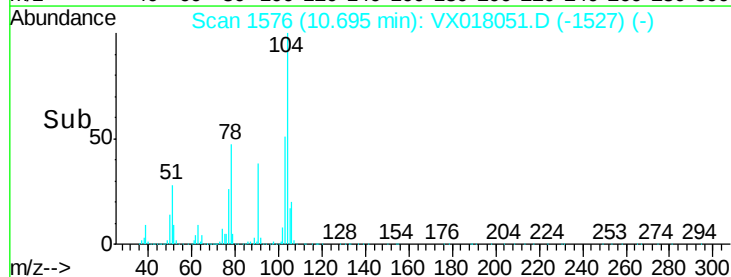
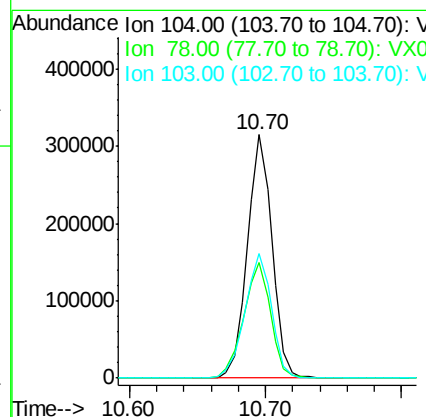
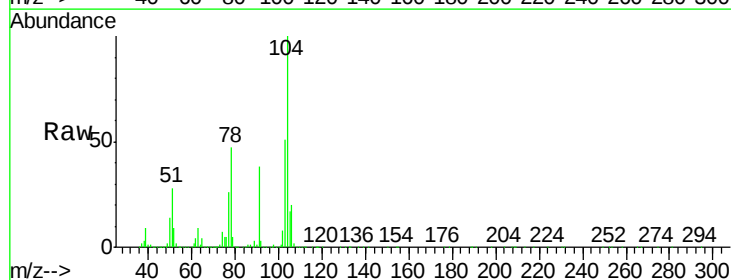
Manual Integrations
APPROVED

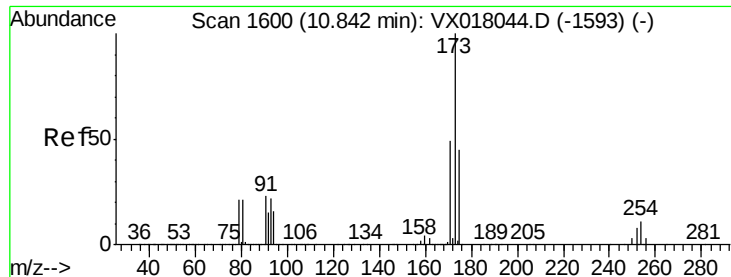
Sam
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#70
Styrene
Concen: 21.819 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.7	40.9	61.3
103	55.3	43.6	65.4





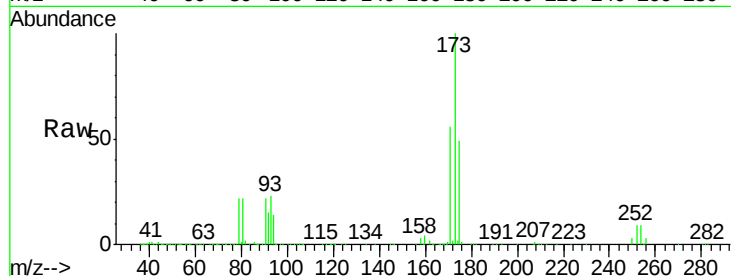
#71
Bromoform
Concen: 19.436 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS01

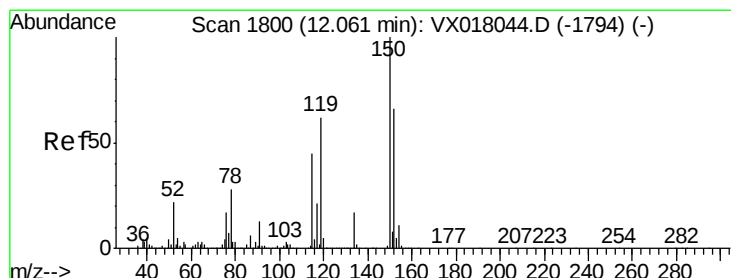
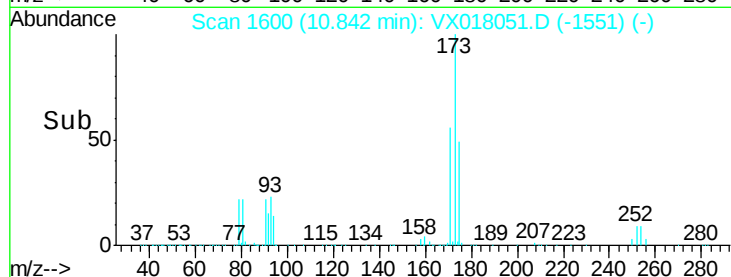
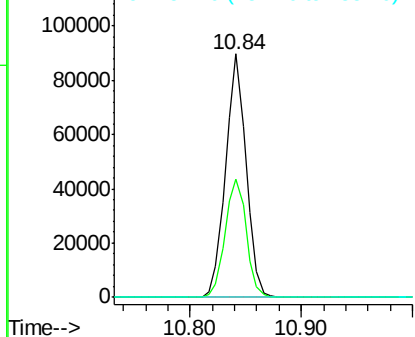
Tot Ion	Ratio	Lower	Upper
173	100		
175	50.6	23.9	71.8
254	0.0	0.2	0.2

Manual Integrations
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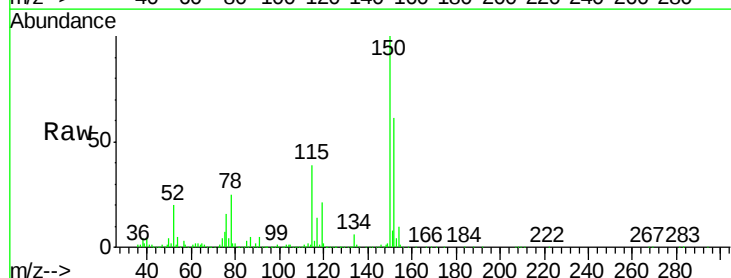


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

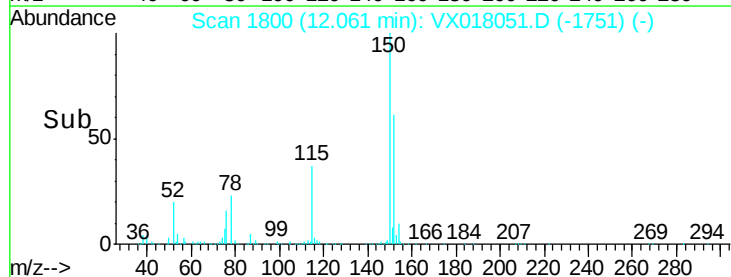
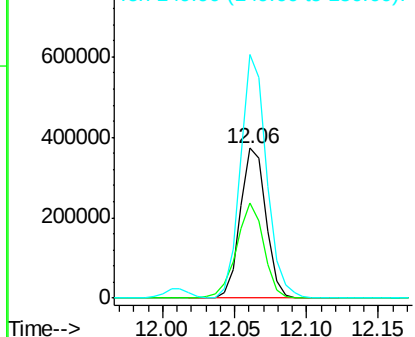


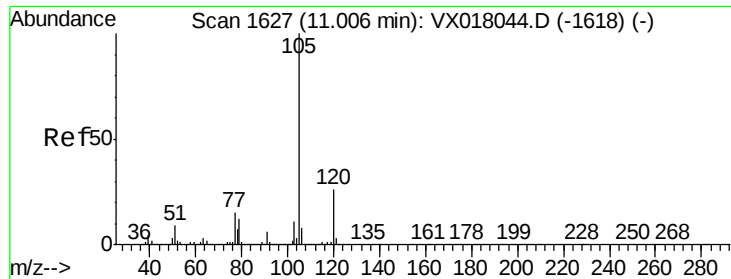
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.5	41.5	124.5
150	164.8	0.0	343.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.792 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS01

Tot Ion: 105 Resp: 631332

Ion Ratio Lower Upper

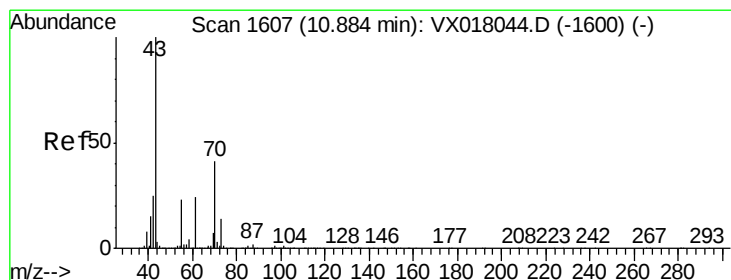
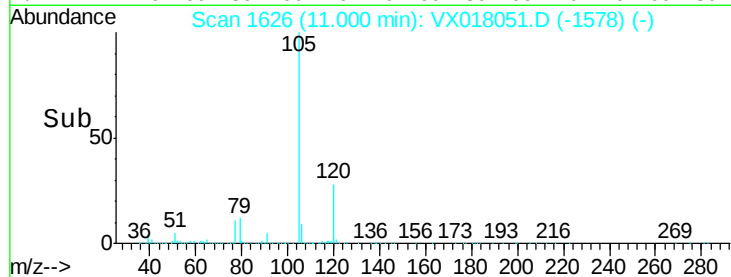
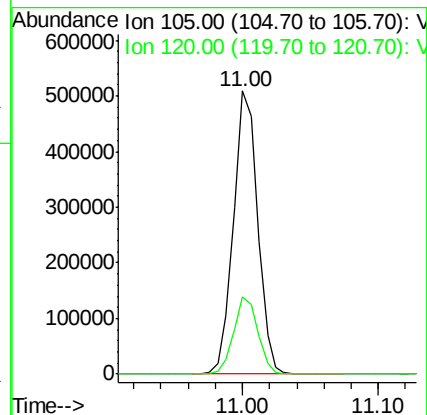
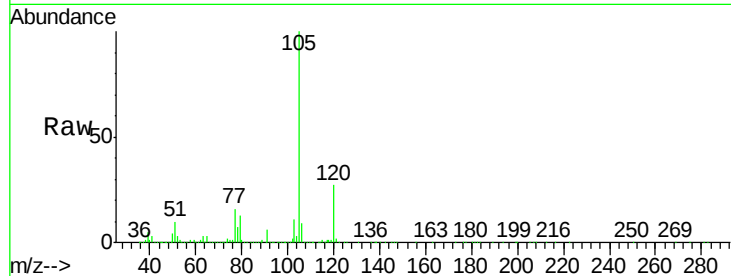
105 100

120 27.3 13.2 39.5

Manual Integrations
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#74

N-ethyl acetate

Concen: 19.771 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Tgt Ion: 43 Resp: 284843

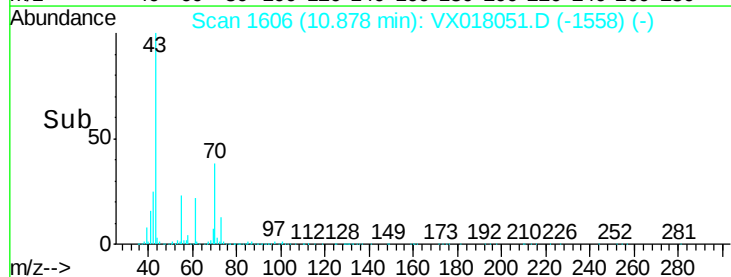
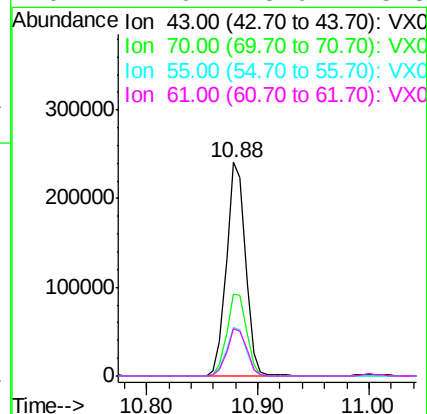
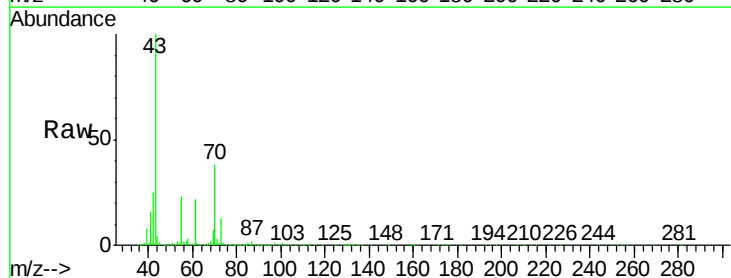
Ion Ratio Lower Upper

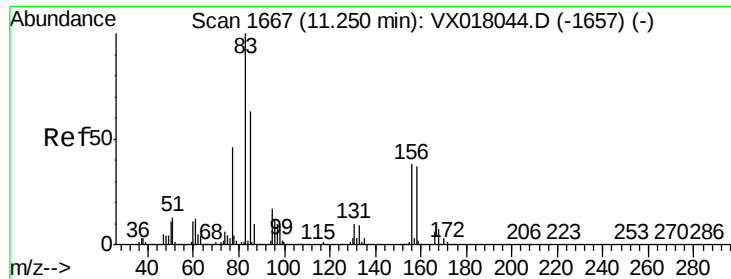
43 100

70 39.8 32.3 48.5

55 23.3 18.2 27.2

61 22.9 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.323 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

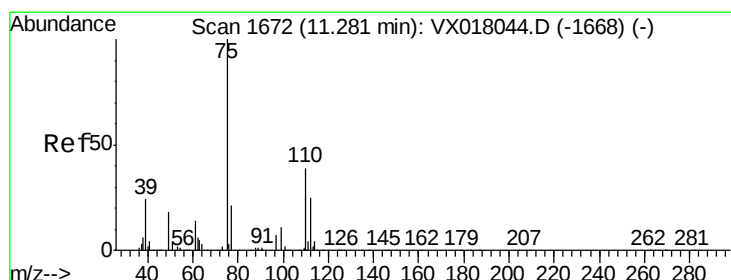
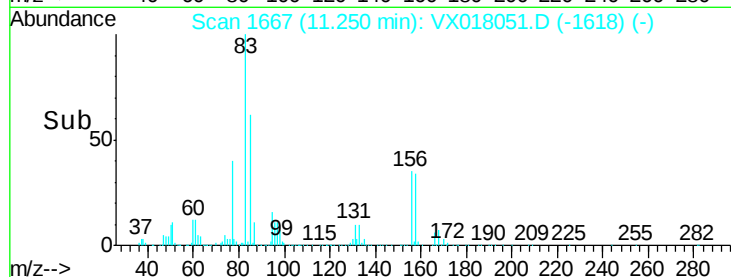
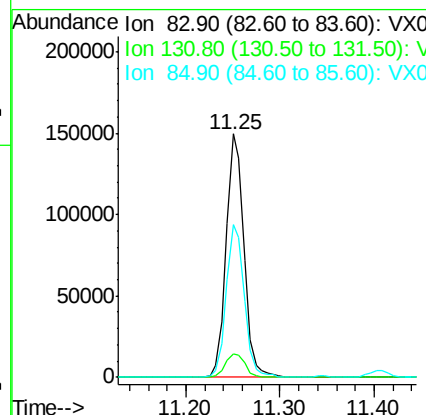
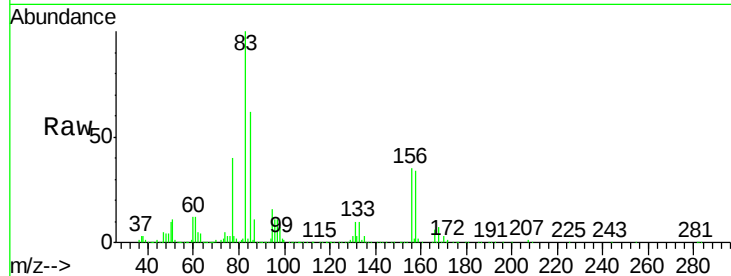
ClientSampleId :

VX0821WBS01

Tot Ion:	83	Resp:	196266
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.1	15.4
85	63.7	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.220 ug/l m

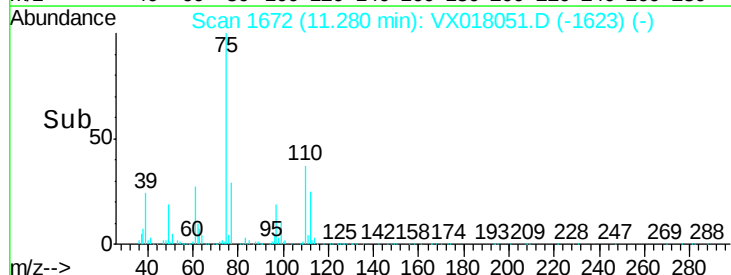
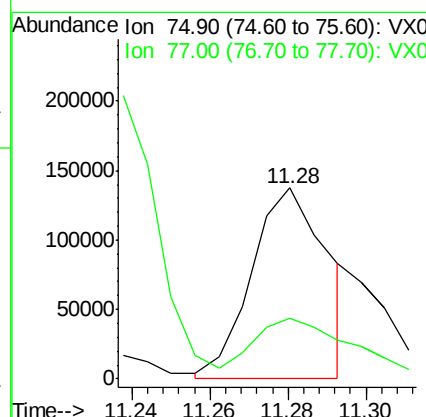
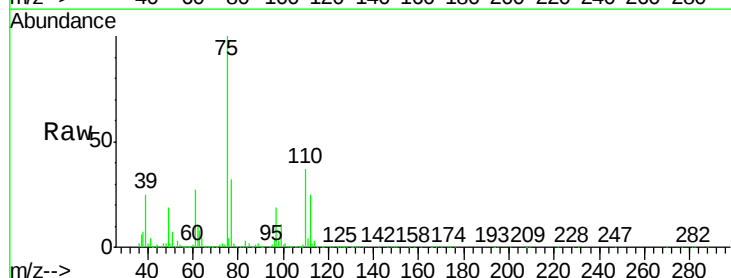
RT: 11.28 min Scan# 1672

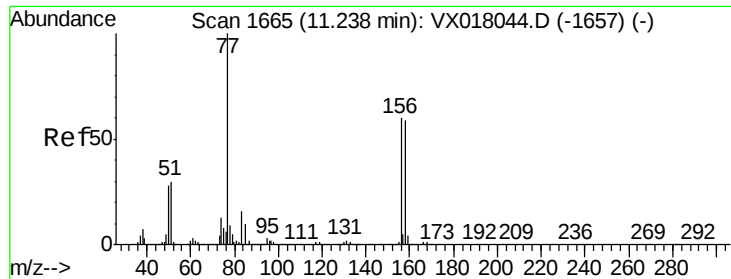
Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Tgt Ion:	75	Resp:	186580
Ion Ratio	Lower	Upper	
75	100		
77	41.3	20.8	62.2





#77

Bromobenzene

Concen: 19.441 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

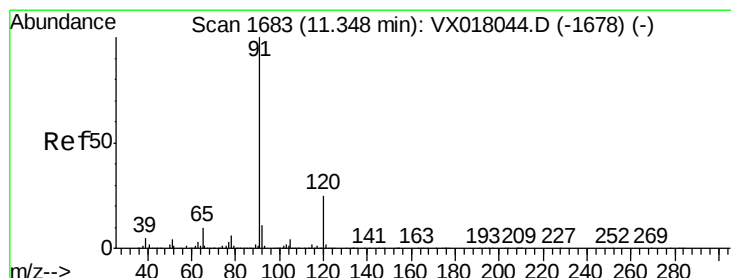
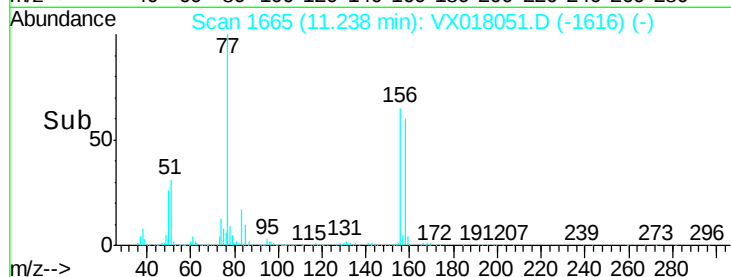
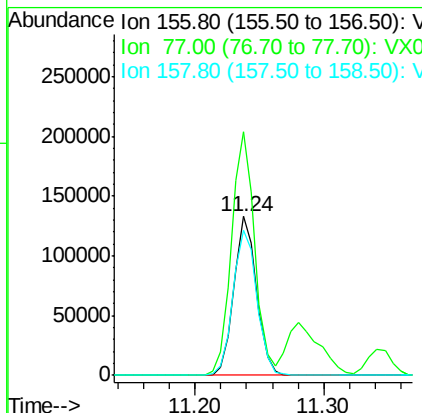
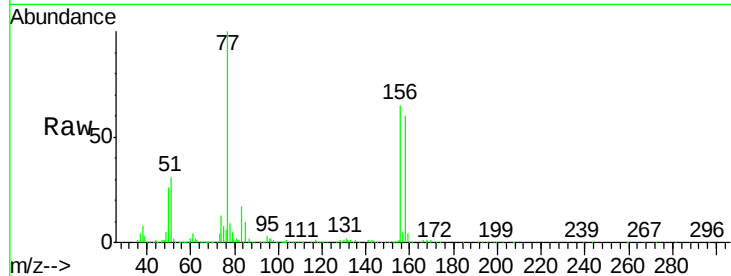
ClientSampled :

VX0821WBS01

Tot Ion:	156	Resp:	163174
Ion Ratio	Lower	Upper	
156	100		
77	157.1	80.0	240.2
158	96.5	49.5	148.7

Manual Integrations
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sam
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#78

n-propylbenzene

Concen: 20.151 ug/l

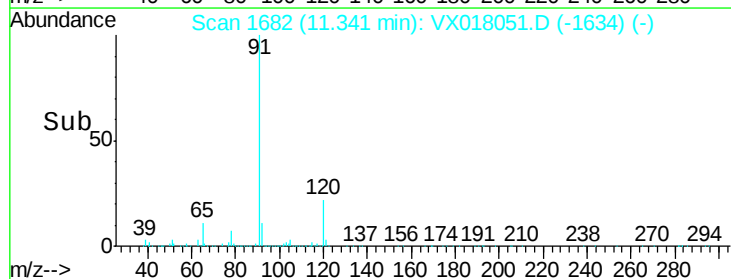
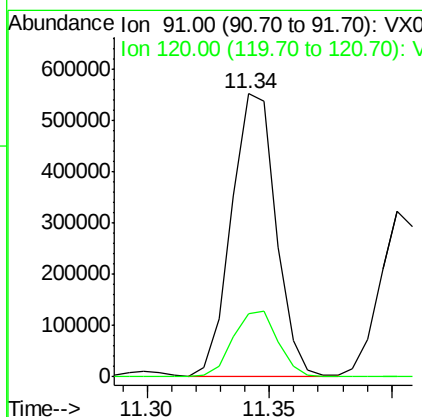
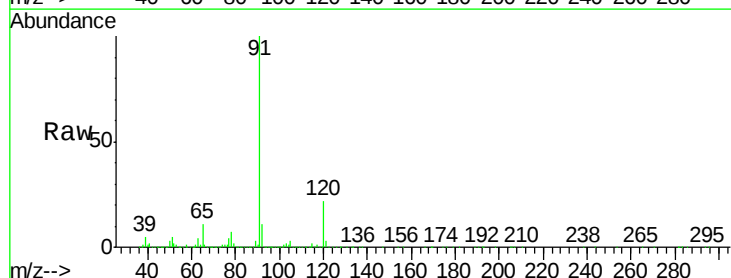
RT: 11.34 min Scan# 1682

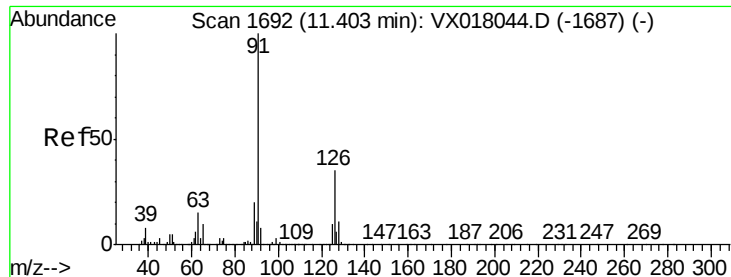
Delta R.T. -0.01 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Tgt Ion:	91	Resp:	694777
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.9	35.9





#79

2-Chlorotoluene

Concen: 19.551 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS01

Tot Ion: 91 Resp: 416462

Ion Ratio Lower Upper

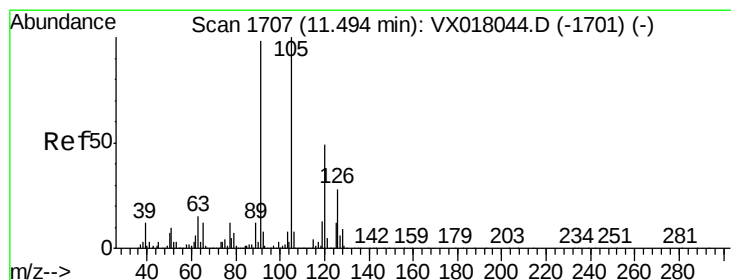
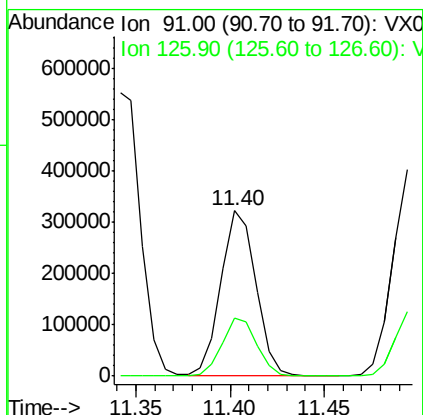
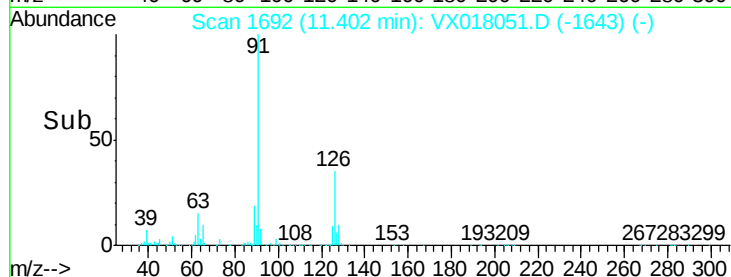
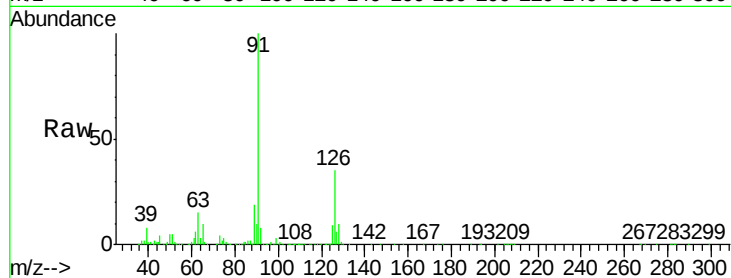
91 100

126 35.1 17.4 52.2

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 20.493 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018051.D

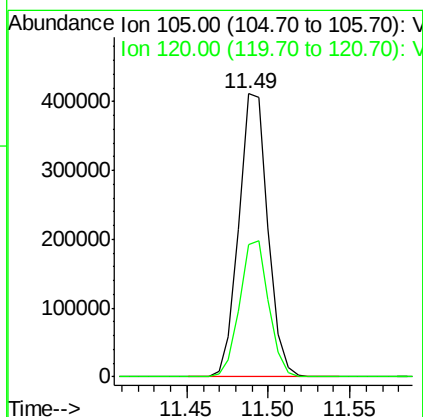
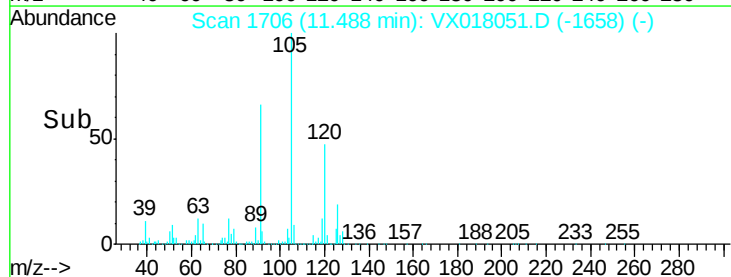
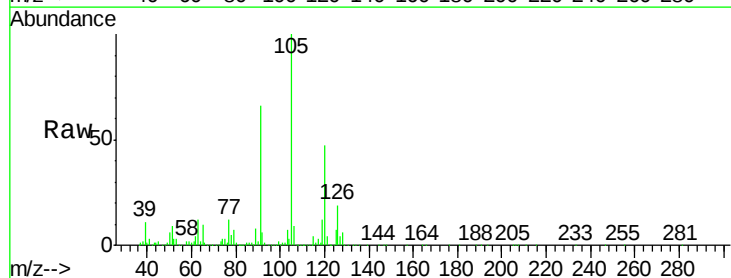
Acq: 21 Aug 2020 12:04

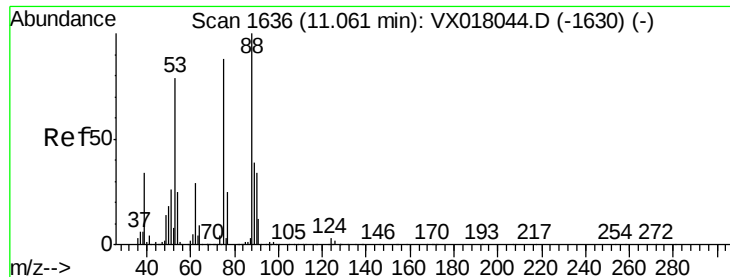
Tgt Ion: 105 Resp: 511350

Ion Ratio Lower Upper

105 100

120 48.1 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 19.266 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

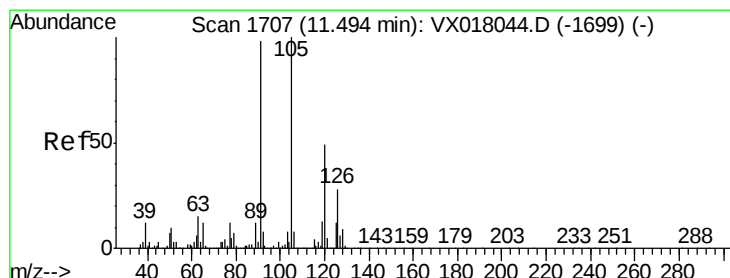
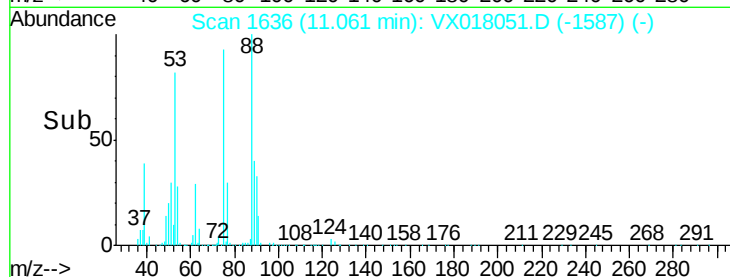
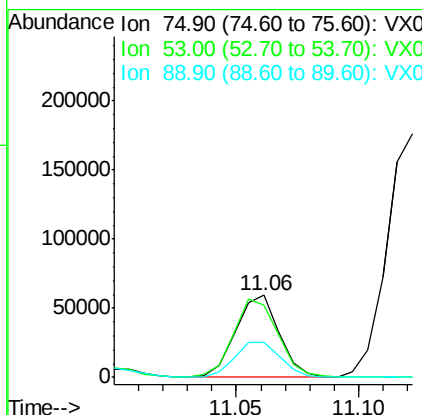
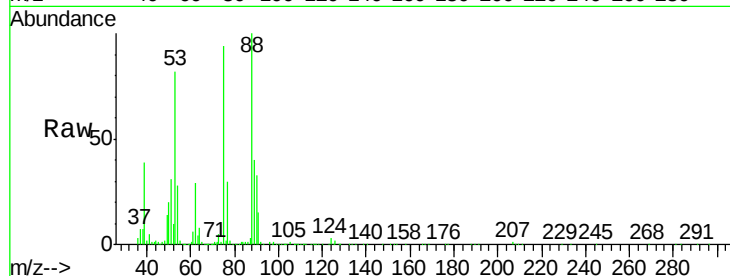
ClientSampleId :

VX0821WBS01

Tot Ion:	75	Resp:	73049
Ion	Ratio	Lower	Upper
75	100		
53	97.6	74.7	112.1
89	46.7	36.6	54.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.052 ug/l

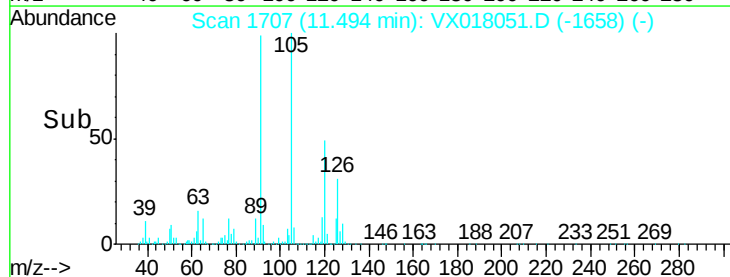
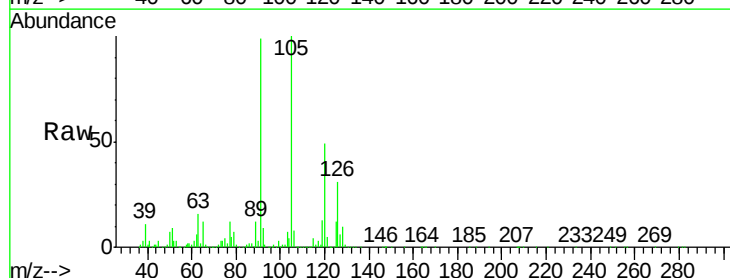
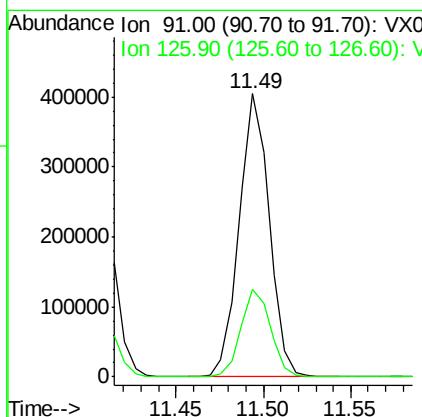
RT: 11.49 min Scan# 1707

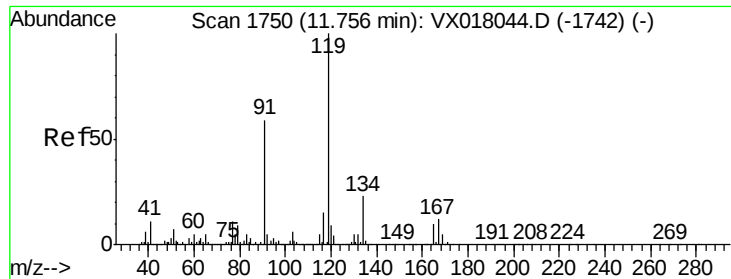
Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Tgt Ion:	91	Resp:	482448
Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.1	45.3





#83

tert-Butylbenzene

Concen: 20.320 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

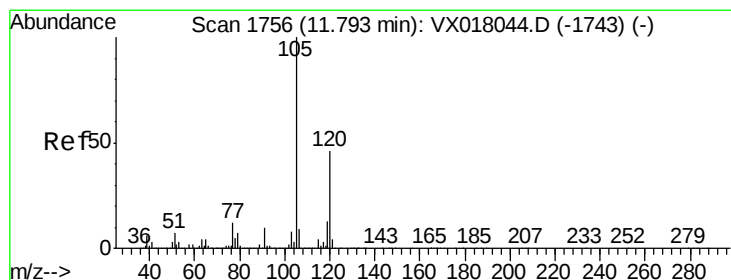
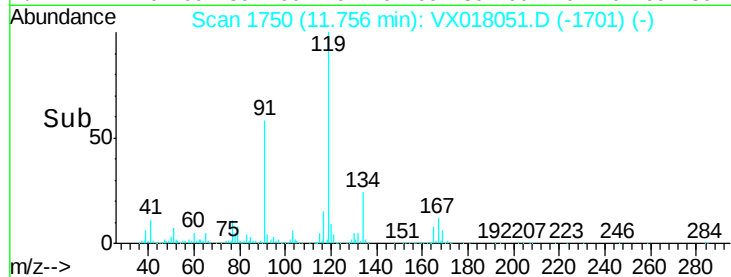
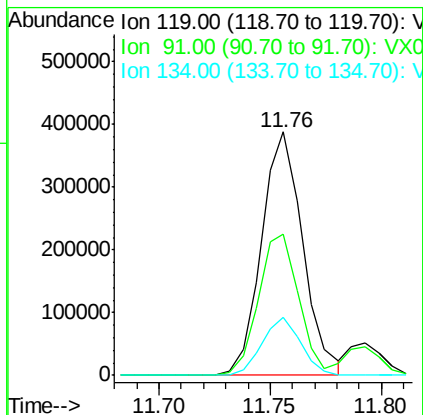
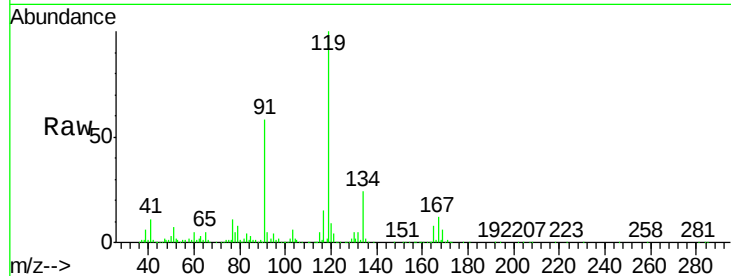
ClientSampleId :

VX0821WBS01

Tot Ion:	119	Resp:	500383
Ion Ratio	Lower	Upper	
119	100		
91	56.2	28.2	84.7
134	22.3	11.3	33.8

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 20.423 ug/l

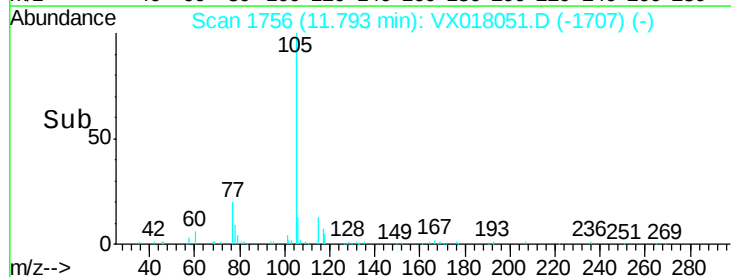
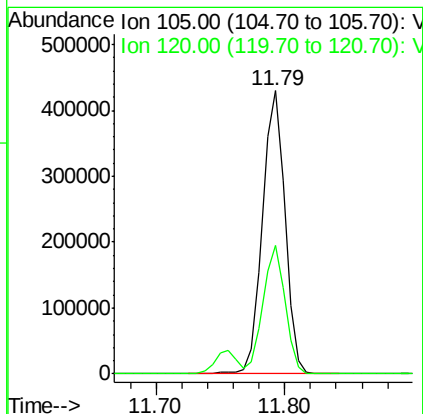
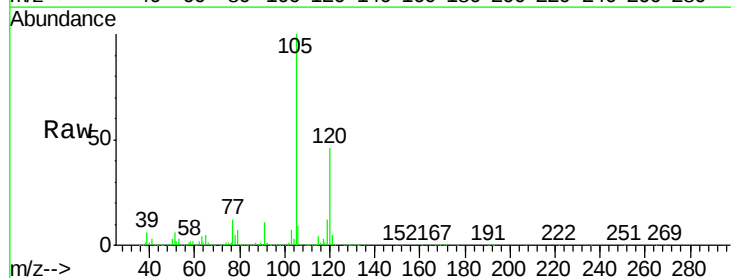
RT: 11.79 min Scan# 1756

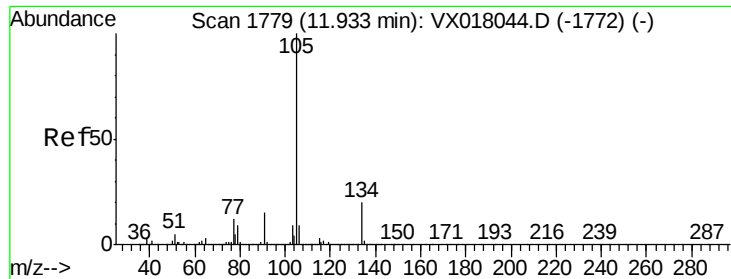
Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Tgt Ion:	105	Resp:	521006
Ion Ratio	Lower	Upper	
105	100		
120	44.4	22.3	66.9





#85

sec-Butylbenzene

Concen: 20.577 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

ClientSampled :

VX0821WBS01

Tot Ion:105 Resp: 576229

Ion Ratio Lower Upper

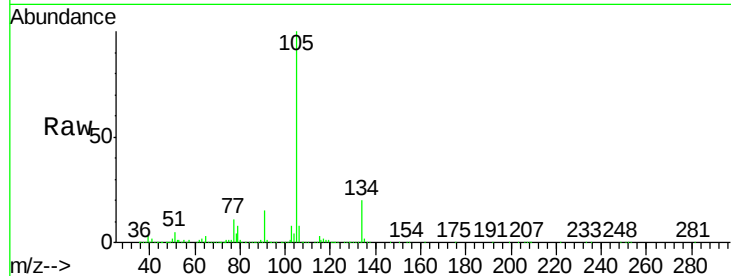
105 100

134 20.7 10.1 30.3

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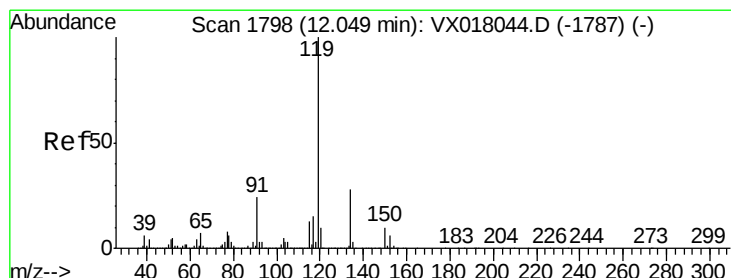
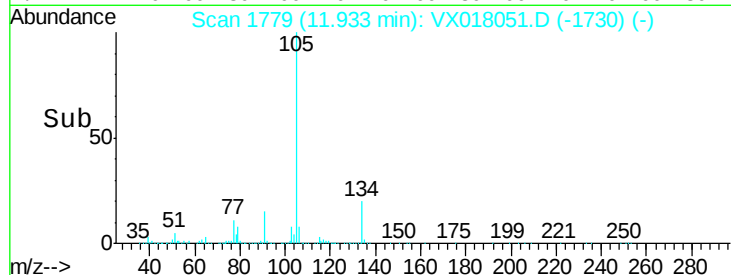
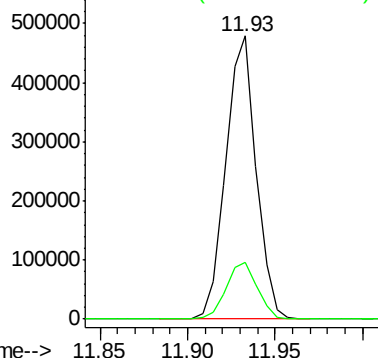
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.108 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

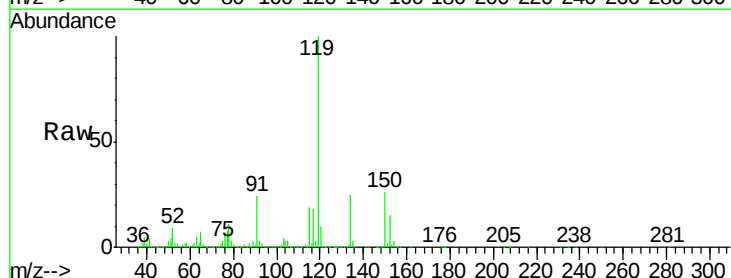
Tgt Ion:119 Resp: 542945

Ion Ratio Lower Upper

119 100

134 25.8 13.2 39.5

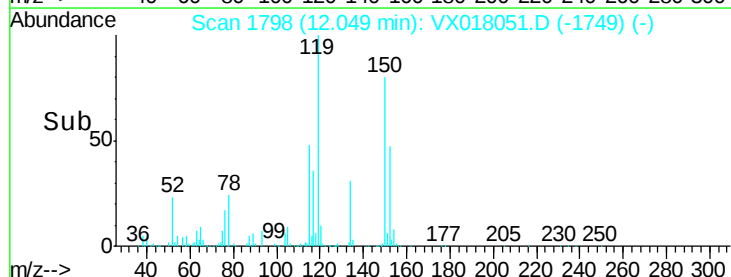
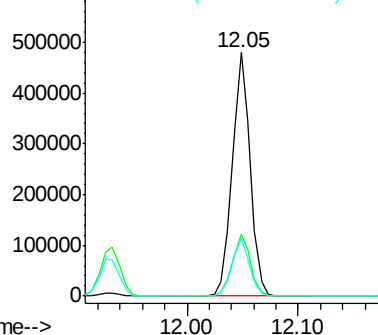
91 23.7 11.8 35.4

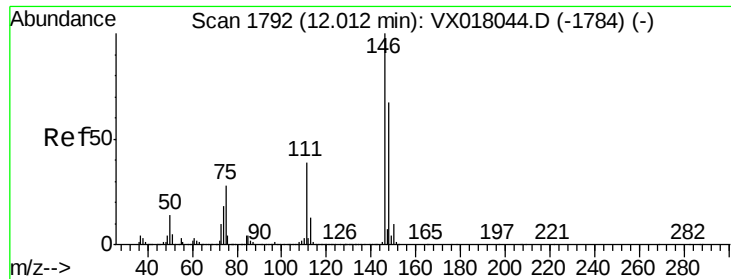


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





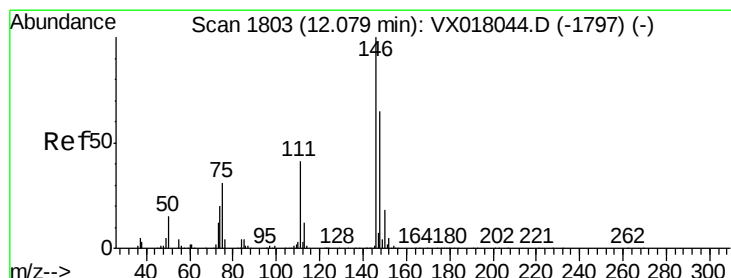
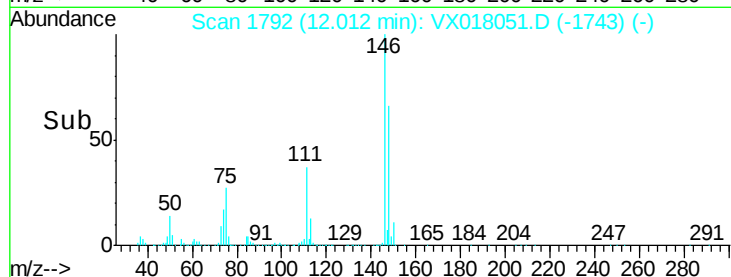
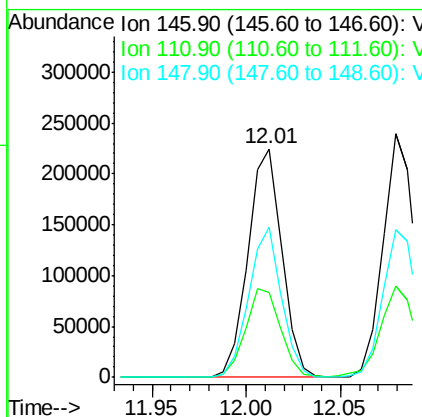
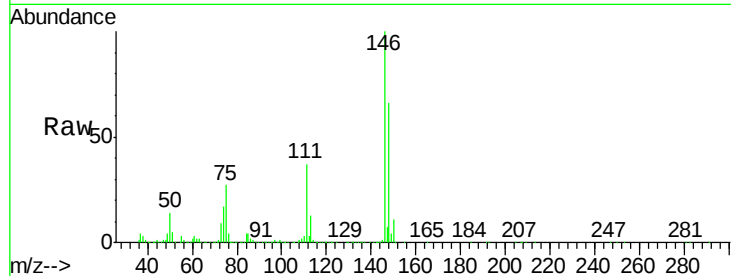
#87
 1,3-Dichlorobenzene
 Concen: 19.044 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018051.D
 Acq: 21 Aug 2020 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.6	61.8
148	63.4	33.1	99.2

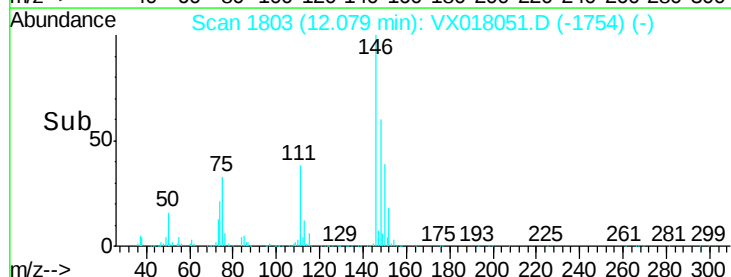
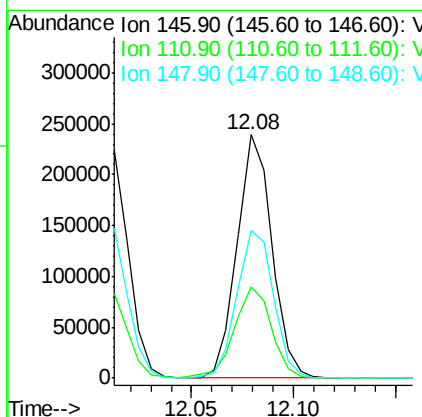
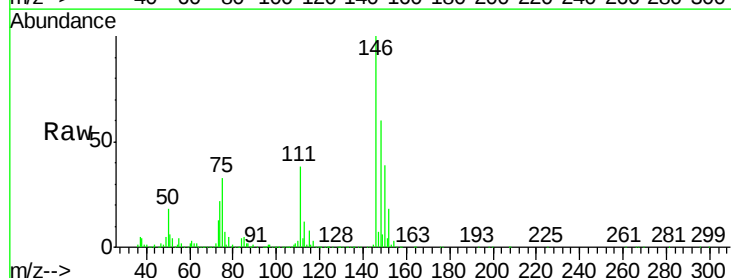
Manual Integrations
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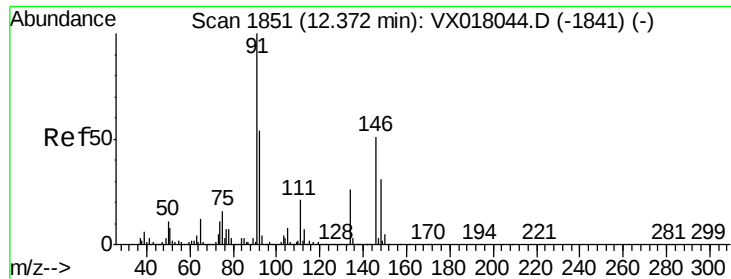
sam
 8/24/2020 5:50:04 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.184 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018051.D
 Acq: 21 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.3	60.8
148	63.8	33.1	99.2





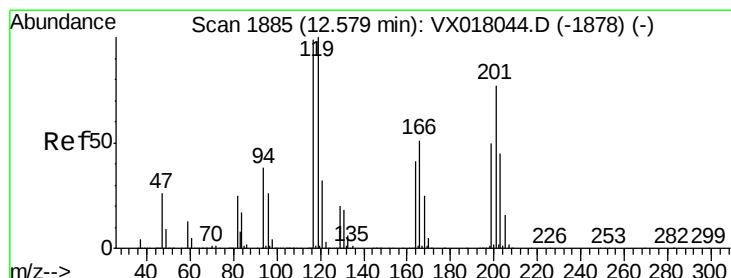
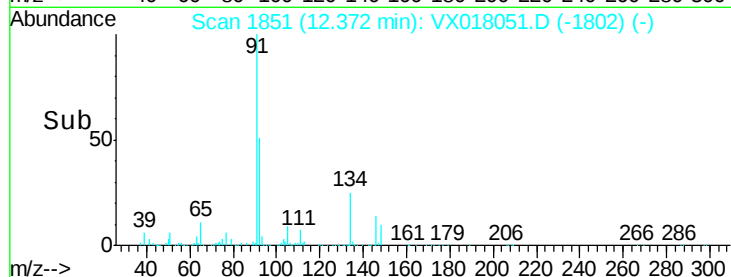
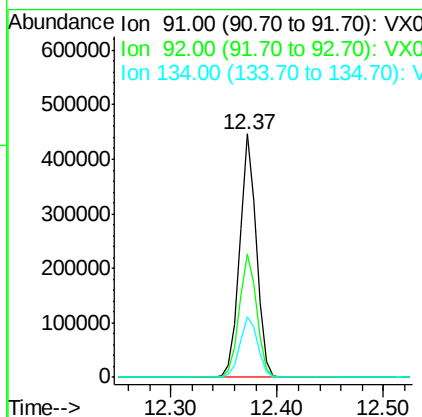
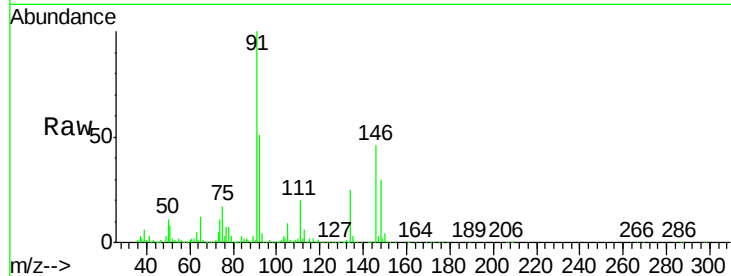
#89
n-Butylbenzene
Concen: 20.907 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.4	79.2
134	26.4	12.9	38.7

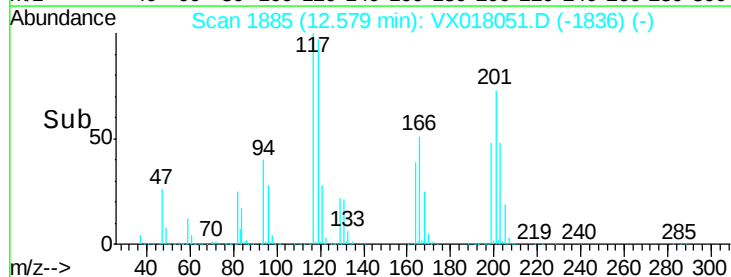
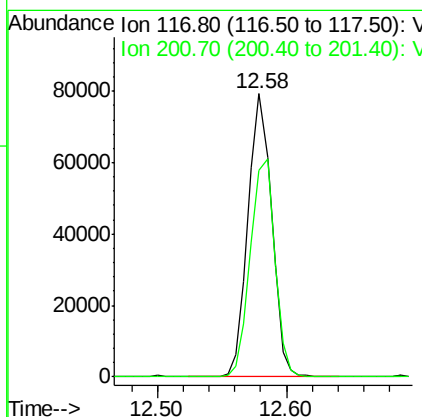
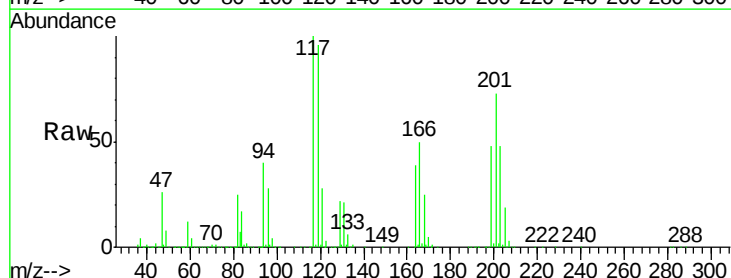
Manual Integrations
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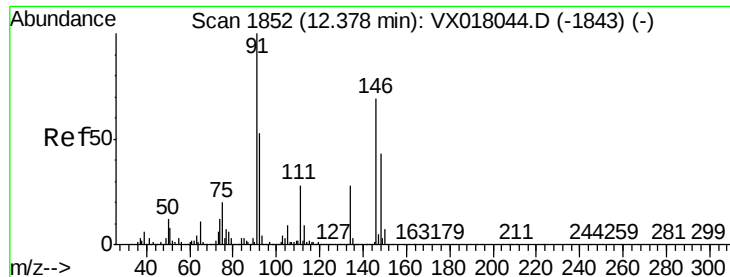
Sam
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#90
Hexachloroethane
Concen: 19.901 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.2	38.5	115.3





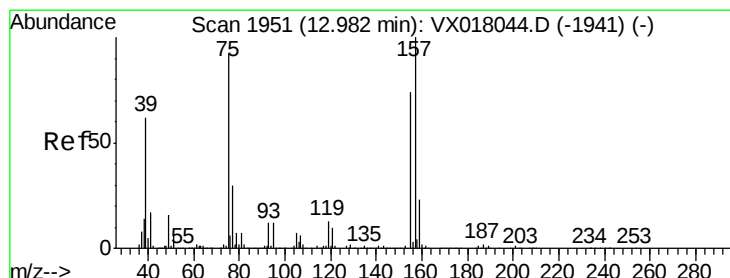
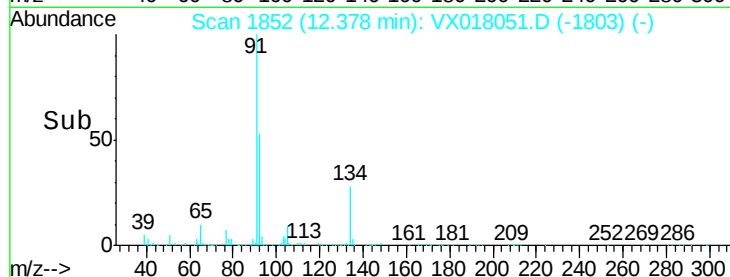
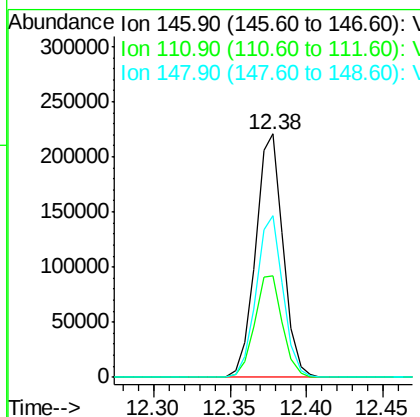
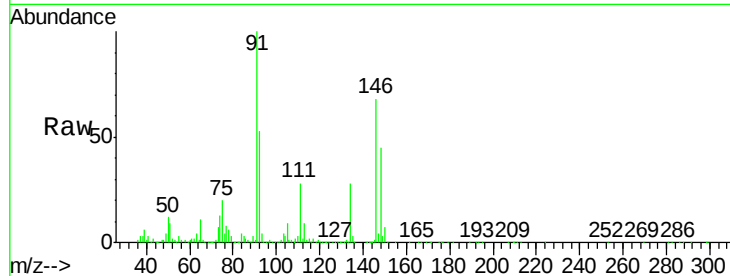
#91
 1,2-Dichlorobenzene
 Concen: 19.856 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018051.D
 Acq: 21 Aug 2020 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	275438		
111	42.0	20.8	62.5	
148	65.0	31.6	95.0	

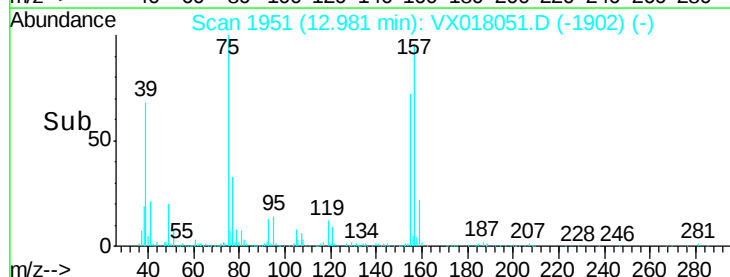
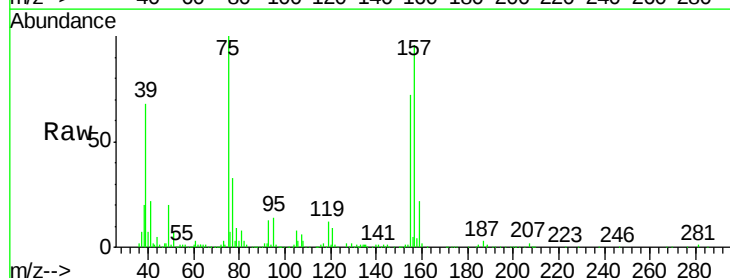
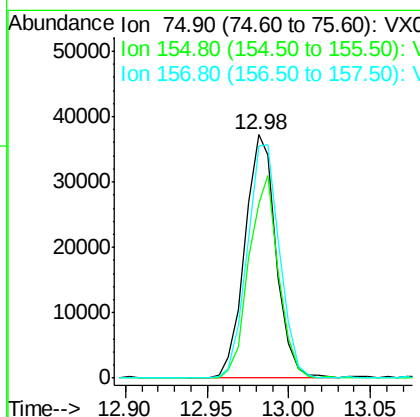
Manual Integrations
 APPROVED

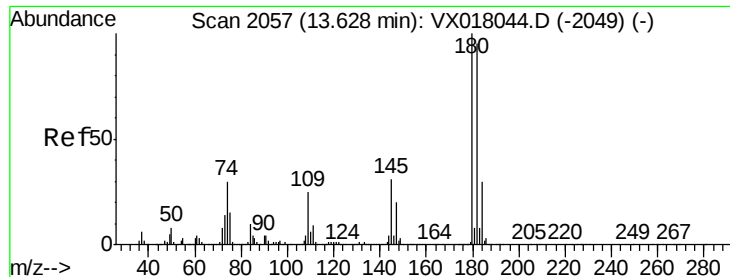
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.522 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018051.D
 Acq: 21 Aug 2020 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	49607		
155	79.0	40.2	120.6	
157	99.6	55.0	165.2	





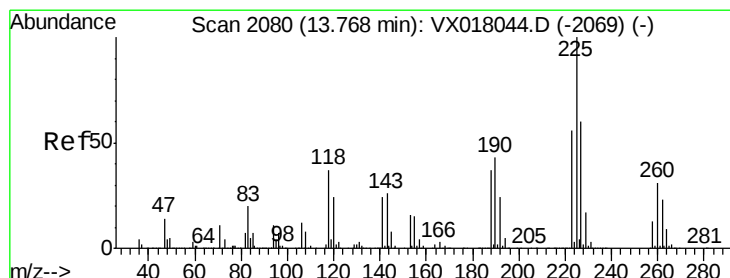
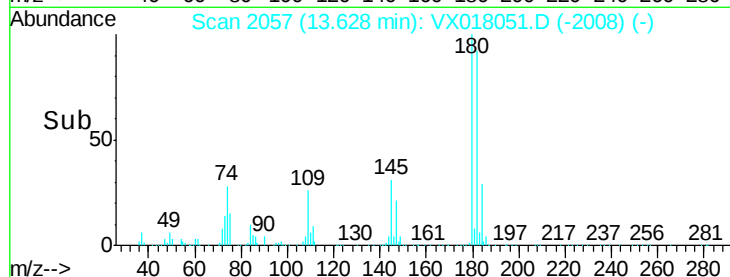
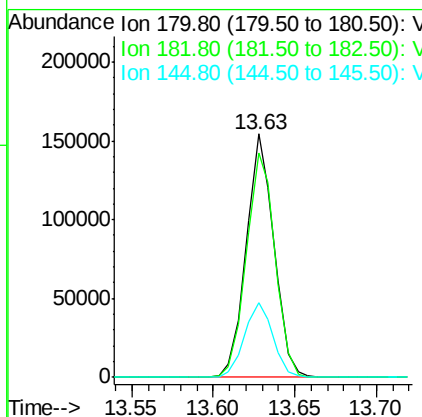
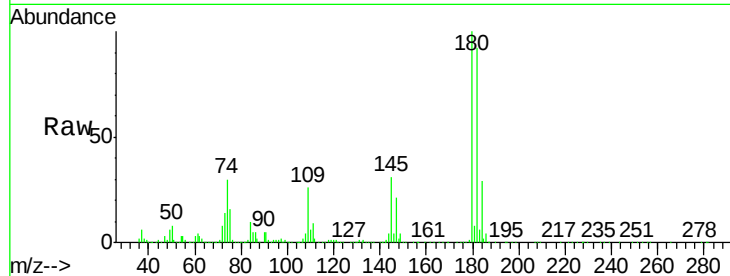
#93
1,2,4-Trichlorobenzene
Concen: 19.773 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	182899		
182	95.5	47.5	142.6	
145	31.5	15.7	47.1	

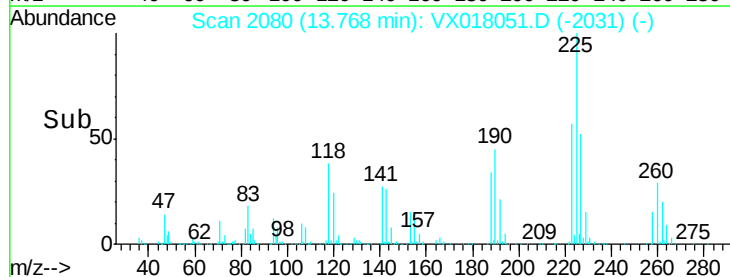
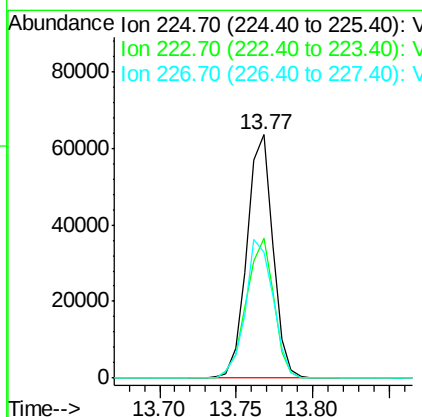
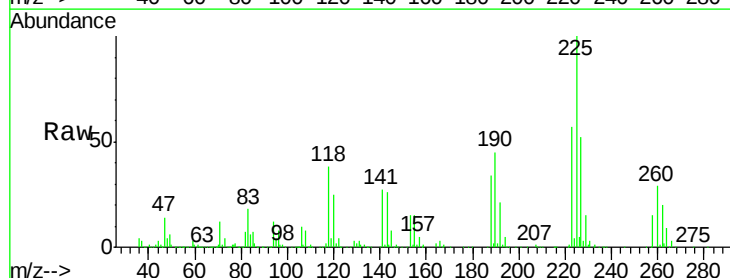
Manual Integrations
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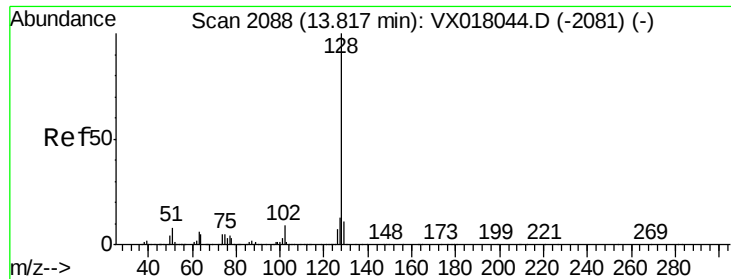
sam
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#94
Hexachlorobutadiene
Concen: 20.575 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	75069		
223	60.7	30.7	92.1	
227	60.7	32.6	97.8	





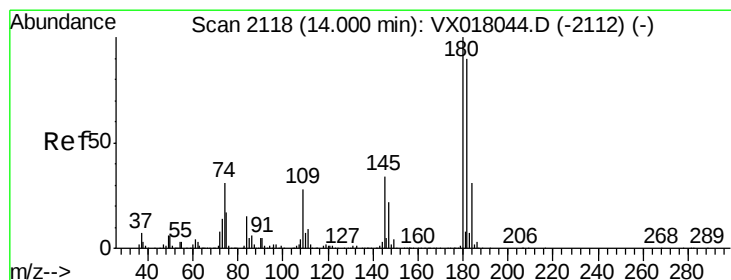
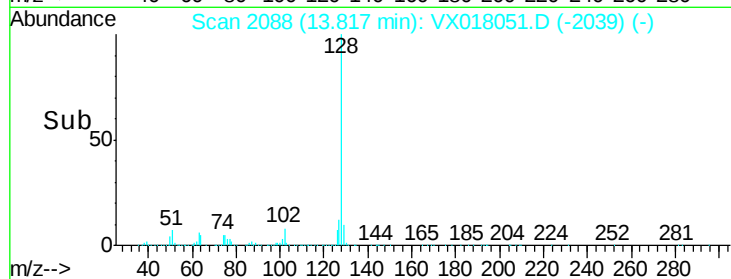
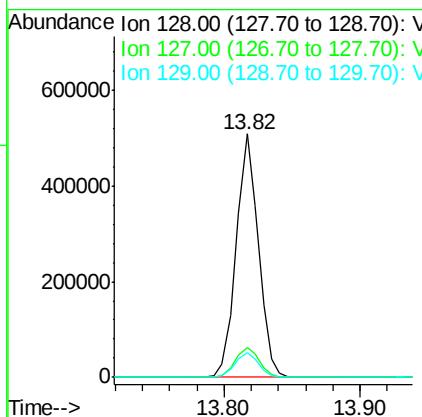
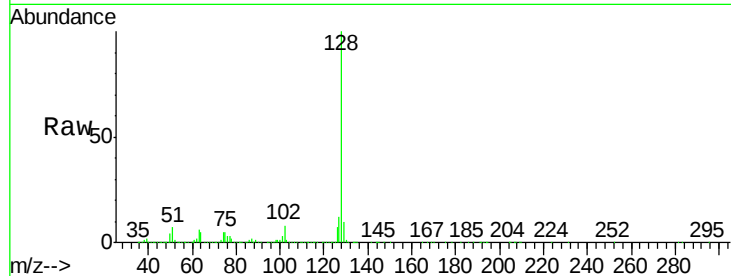
#95
Naphthalene
Concen: 18.922 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Instrument :
MSVOA_X
ClientSampled :
VX0821WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	10.6	8.7	13.1

Manual Integrations
APPROVED

sam
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#96
1,2,3-Trichlorobenzene
Concen: 19.666 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.4	47.3	142.0
145	32.0	17.5	52.6

