

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082120\
 Data File : VX018052.D
 Acq On : 21 Aug 2020 12:37
 Operator : JC/SP
 Sample : VX0821WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS02

Manual Integrations
 APPROVED

sam
 8/24/2020 5:49:59 PM

Quant Time: Aug 22 00:04:59 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	710747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1119445	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1027500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	500643	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	457653	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
35) Dibromofluoromethane	5.46	113	366561	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
50) Toluene-d8	8.70	98	1311792	46.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.40%	
62) 4-Bromofluorobenzene	11.12	95	515131	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	174111	20.120	ug/l	99
3) Chloromethane	1.31	50	171637	18.813	ug/l	99
4) Vinyl Chloride	1.39	62	172909	19.039	ug/l	97
5) Bromomethane	1.63	94	112034	25.576	ug/l	97
6) Chloroethane	1.72	64	100468	20.597	ug/l	98
7) Trichlorofluoromethane	1.92	101	260057	21.000	ug/l	100
8) Diethyl Ether	2.17	74	87101	20.740	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	137409	20.524	ug/l	96
10) Methyl Iodide	2.49	142	139265	22.673	ug/l	100
11) Tert butyl alcohol	3.01	59	170022	88.622	ug/l	97
12) 1,1-Dichloroethene	2.36	96	130393	18.773	ug/l	98
13) Acrolein	2.27	56	66541	83.648	ug/l	93
14) Allyl chloride	2.71	41	274623	22.007	ug/l	99
15) Acrylonitrile	3.11	53	420865	96.709	ug/l	99
16) Acetone	2.42	43	350522	91.168	ug/l	98
17) Carbon Disulfide	2.55	76	422963	20.144	ug/l	100
18) Methyl Acetate	2.75	43	185430	19.986	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	498234	20.916	ug/l	98
20) Methylene Chloride	2.84	84	166458	20.485	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	154312	20.053	ug/l	97
22) Diisopropyl ether	3.82	45	529012	21.479	ug/l	94
23) Vinyl Acetate	3.78	43	2347599	107.120	ug/l	99
24) 1,1-Dichloroethane	3.67	63	291011	20.756	ug/l	98
25) 2-Butanone	4.64	43	599811	94.926	ug/l	98
26) 2,2-Dichloropropane	4.55	77	263842	23.129	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	180462	20.354	ug/l	98
28) Bromochloromethane	4.98	49	128264	18.953	ug/l	99
29) Tetrahydrofuran	5.09	42	382550	95.105	ug/l	100
30) Chloroform	5.18	83	292178	20.126	ug/l	99
31) Cyclohexane	5.55	56	255756	21.656	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	270988	20.341	ug/l	99
36) 1,1-Dichloropropene	5.77	75	223753	21.671	ug/l	99
37) Ethyl Acetate	4.79	43	237331	19.791	ug/l	100
38) Carbon Tetrachloride	5.76	117	242400	20.832	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	251265	22.255	ug/l	96
40) Benzene	6.11	78	640169	21.100	ug/l	100
41) Methacrylonitrile	5.00	41	128743	19.552	ug/l	98
42) 1,2-Dichloroethane	6.17	62	242449	20.857	ug/l	100
43) Isopropyl Acetate	6.41	43	385942	19.925	ug/l	99
44) Trichloroethene	7.19	130	175710	20.497	ug/l	100
45) 1,2-Dichloropropane	7.49	63	172545	21.101	ug/l	99
46) Dibromomethane	7.63	93	115522	20.090	ug/l	98
47) Bromodichloromethane	7.87	83	233914	20.373	ug/l	99
48) Methyl methacrylate	7.74	41	188851	19.586	ug/l	98
49) 1,4-Dioxane	7.71	88	66843	382.702	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1132420	94.647	ug/l	100
52) Toluene	8.76	92	378025	19.650	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	258272	20.297	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	274789	20.385	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	158936	19.371	ug/l	98
56) Ethyl methacrylate	9.16	69	237227	19.449	ug/l	99
57) 1,3-Dichloropropane	9.35	76	262980	19.433	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	399877	72.877	ug/l	100
59) 2-Hexanone	9.47	43	858080	94.318	ug/l	100
60) Dibromochloromethane	9.56	129	189171	19.654	ug/l	100
61) 1,2-Dibromoethane	9.65	107	175470	19.698	ug/l	98
64) Tetrachloroethene	9.32	164	169366	22.431	ug/l	97
65) Chlorobenzene	10.12	112	421195	20.525	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	163907	20.265	ug/l	97
67) Ethyl Benzene	10.23	91	733066	21.006	ug/l	100
68) m/p-Xylenes	10.34	106	564383	43.328	ug/l	97
69) o-Xylene	10.68	106	266824	21.131	ug/l	98
70) Styrene	10.70	104	457823	21.290	ug/l	99
71) Bromoform	10.84	173	138258	20.041	ug/l	98
73) Isopropylbenzene	11.00	105	699141	21.171	ug/l	98
74) N-amyl acetate	10.88	43	312287	19.931	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	222607	19.109	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	224935m	20.197	ug/l	
77) Bromobenzene	11.24	156	187569	20.548	ug/l	98
78) n-propylbenzene	11.34	91	815875	21.759	ug/l	100
79) 2-Chlorotoluene	11.40	91	496450	21.430	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	619910	22.844	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	84176	20.414	ug/l	98
82) 4-Chlorotoluene	11.49	91	590273	21.434	ug/l	99
83) tert-Butylbenzene	11.76	119	604156	22.560	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	626988	22.599	ug/l	99
85) sec-Butylbenzene	11.93	105	680187	22.334	ug/l	99
86) p-Isopropyltoluene	12.05	119	637674	22.795	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	329083	20.534	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	334796	20.864	ug/l	98
89) n-Butylbenzene	12.37	91	597638	23.407	ug/l	99
90) Hexachloroethane	12.58	117	122467	22.251	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	321065	21.282	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	53126	18.239	ug/l	96

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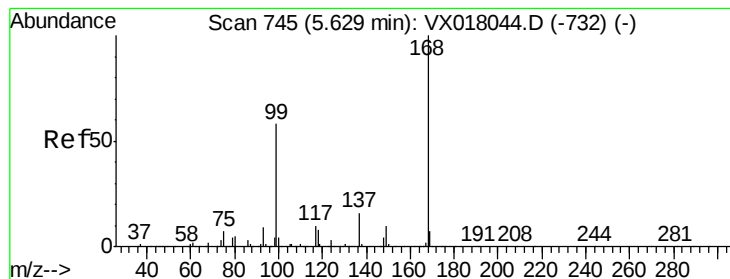
Manual Integrations
APPROVED

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	213053	21.178	ug/l	98
94) Hexachlorobutadiene	13.77	225	85197	21.471	ug/l	98
95) Naphthalene	13.82	128	690641	20.861	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	206357	20.760	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

Tot Ion:168 Resp: 710747

Ion Ratio Lower Upper

168 100

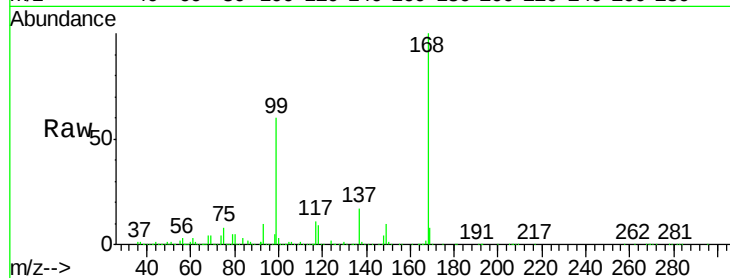
99 59.4 46.3 69.5

Manual Integrations

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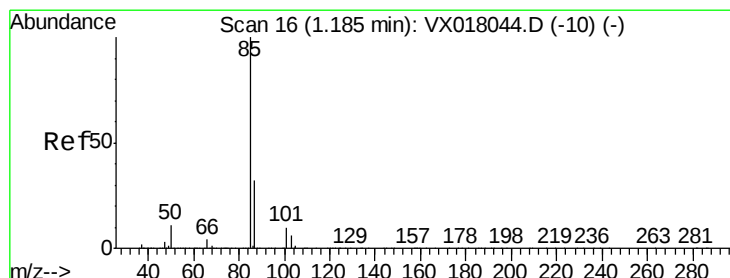
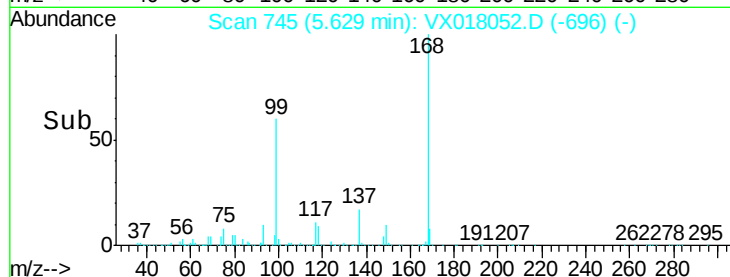
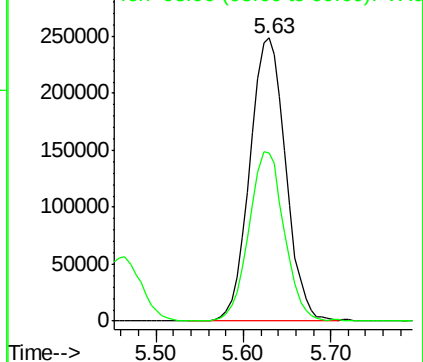
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.120 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018052.D

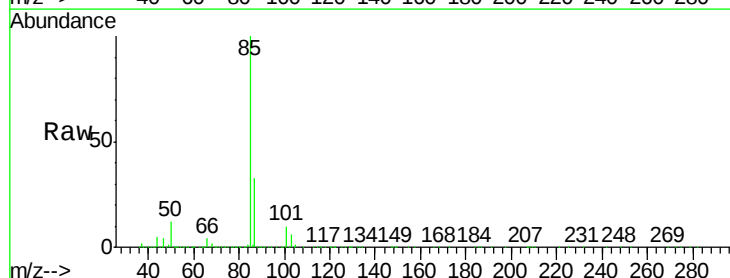
Acq: 21 Aug 2020 12:37

Tgt Ion: 85 Resp: 174111

Ion Ratio Lower Upper

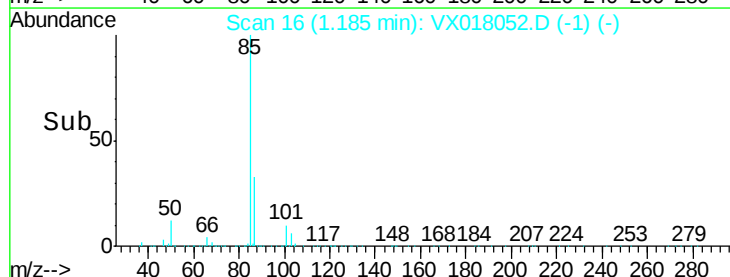
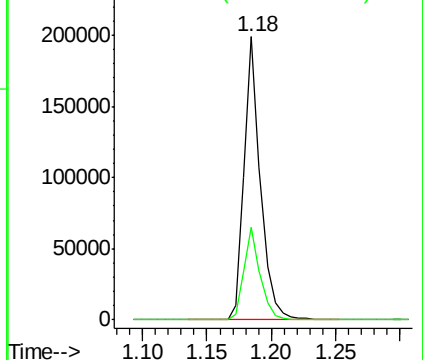
85 100

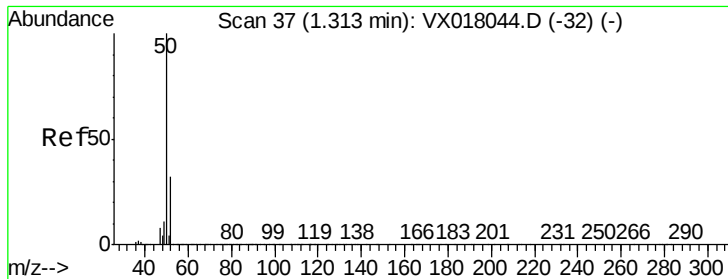
87 32.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.813 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

Tot Ion: 50 Resp: 171637

Ion Ratio Lower Upper

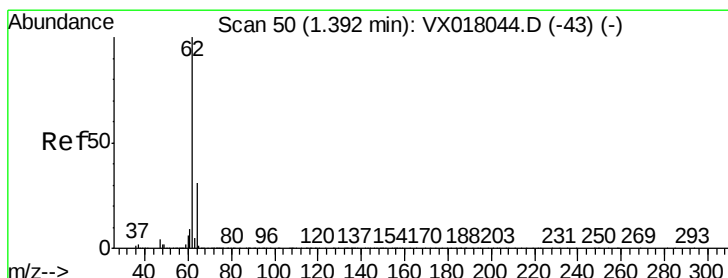
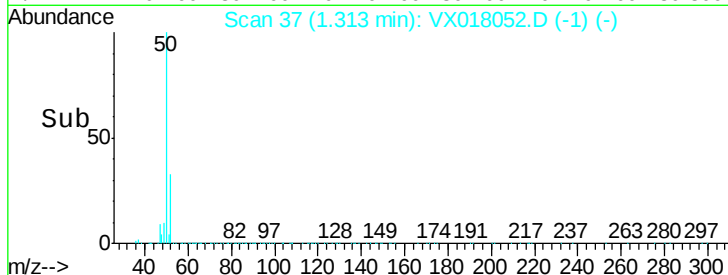
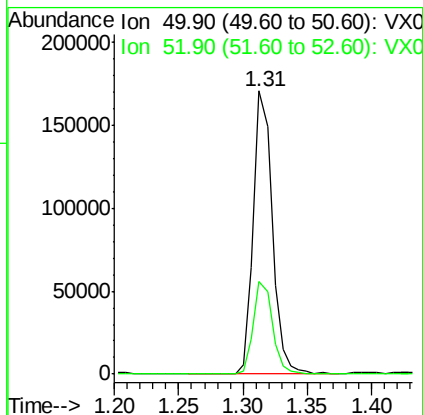
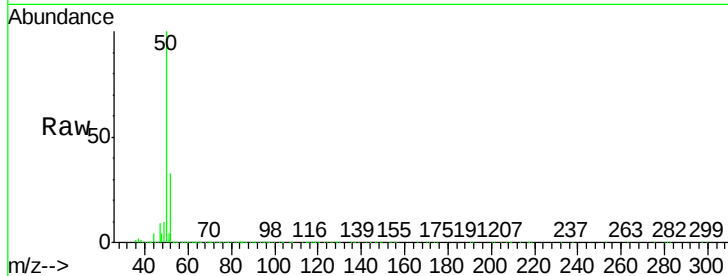
50 100

52 32.5 25.4 38.2

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#4

Vinyl Chloride

Concen: 19.039 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018052.D

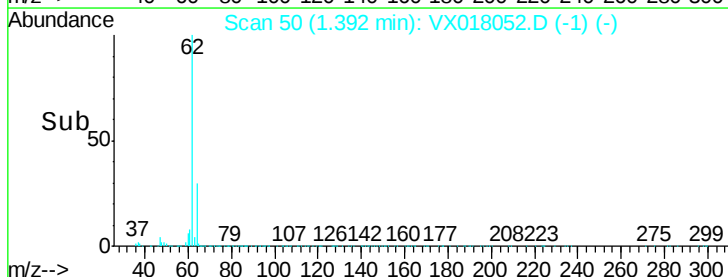
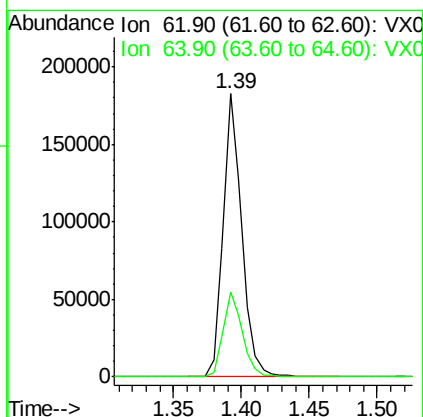
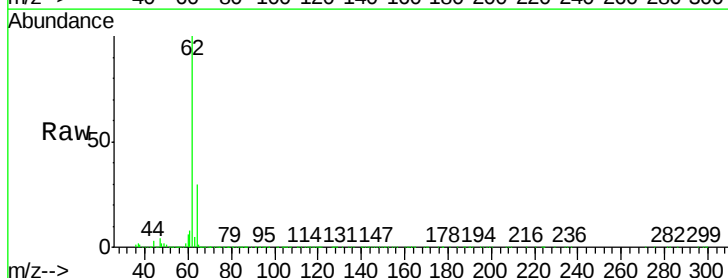
Acq: 21 Aug 2020 12:37

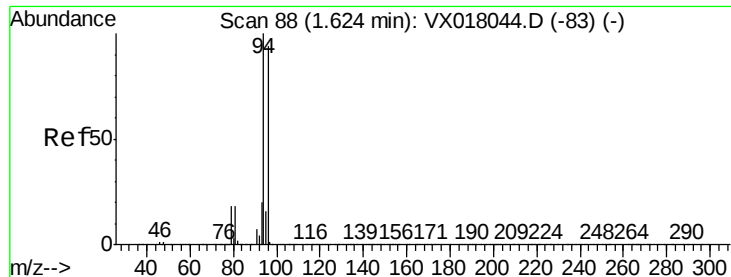
Tgt Ion: 62 Resp: 172909

Ion Ratio Lower Upper

62 100

64 29.9 25.1 37.7





#5

Bromomethane

Concen: 25.576 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

Tot Ion: 94 Resp: 112034

Ion Ratio Lower Upper

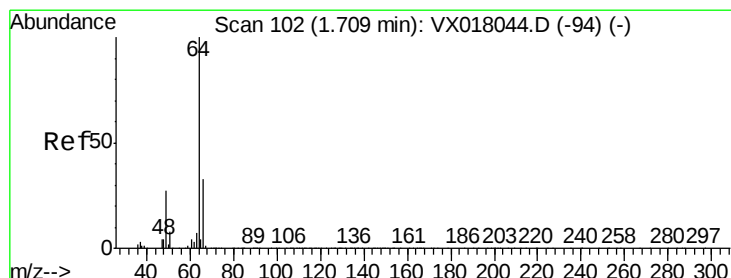
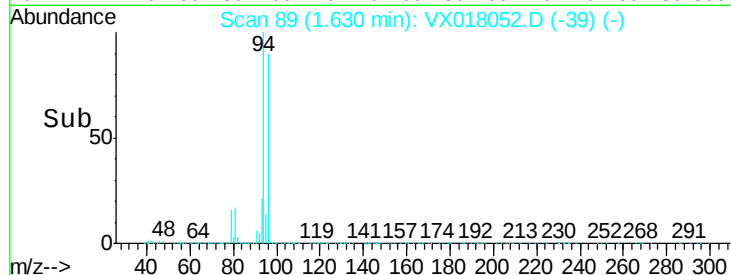
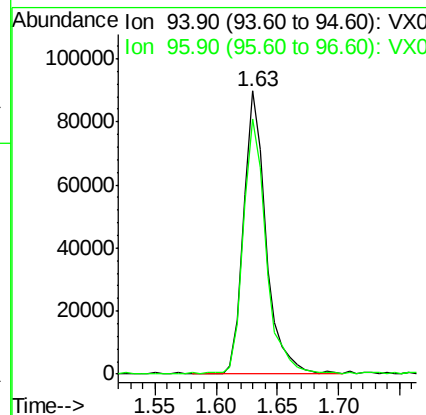
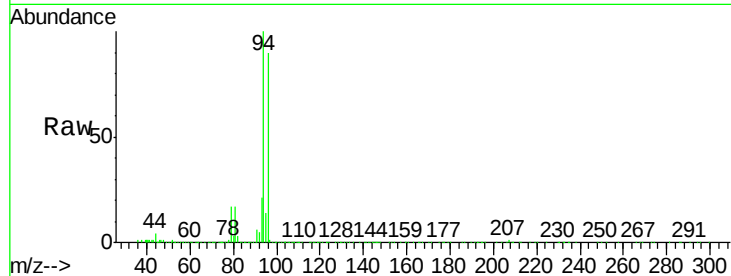
94 100

96 90.2 74.8 112.2

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#6

Chloroethane

Concen: 20.597 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018052.D

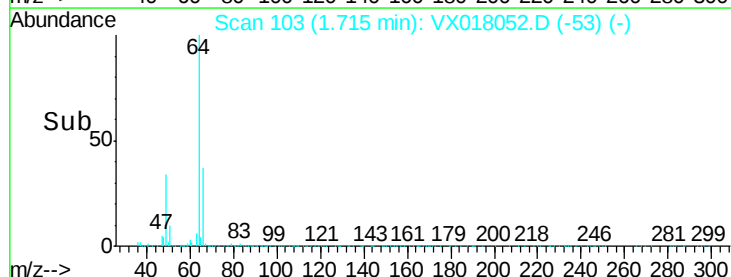
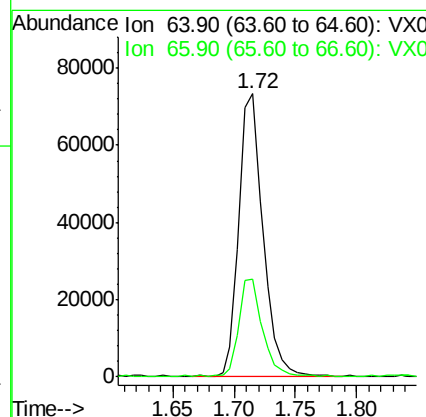
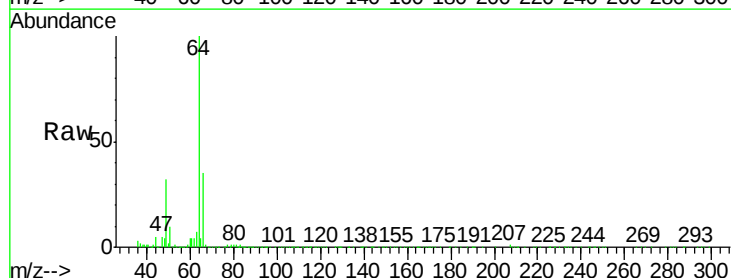
Acq: 21 Aug 2020 12:37

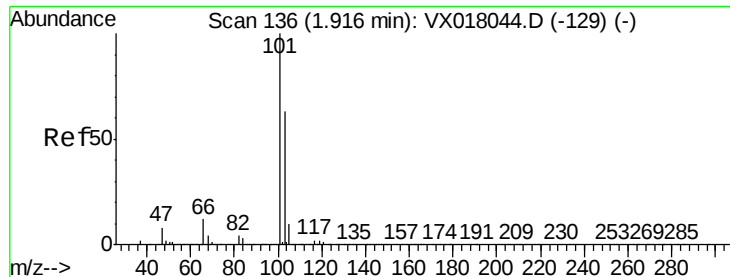
Tgt Ion: 64 Resp: 100468

Ion Ratio Lower Upper

64 100

66 34.5 26.6 39.8





#7

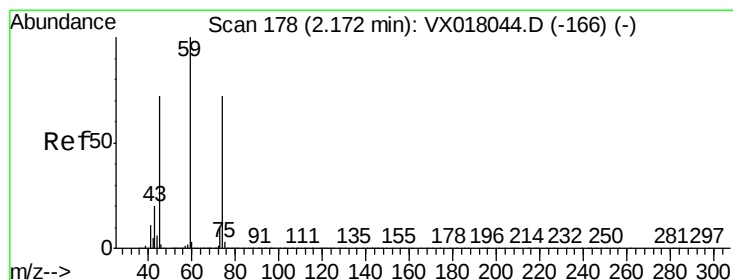
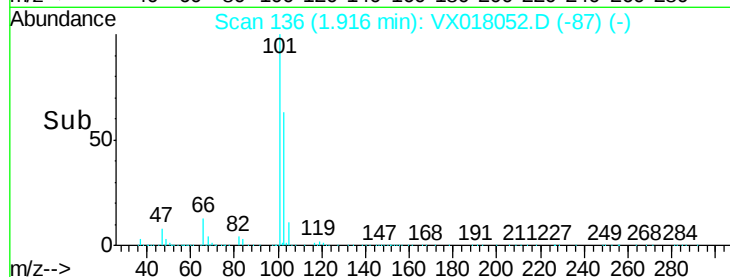
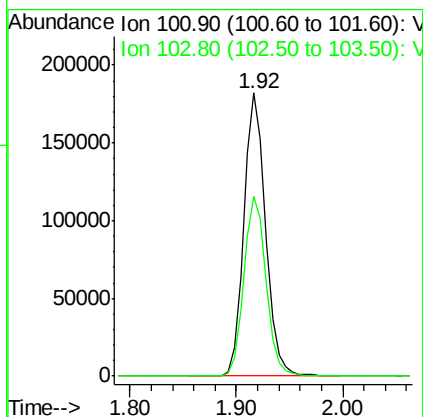
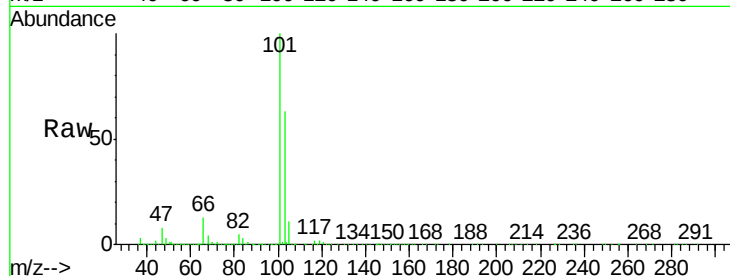
Trichlorofluoromethane
Concen: 21.000 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

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ClientSampleId :
VX0821WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	50.7	76.1

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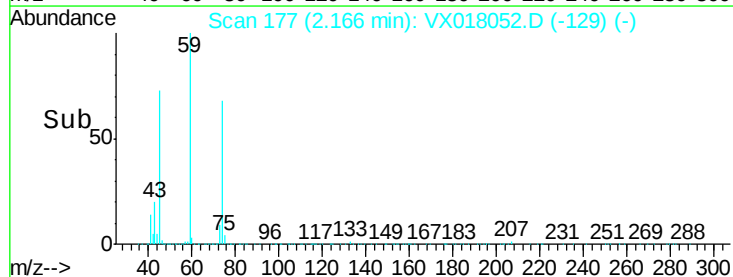
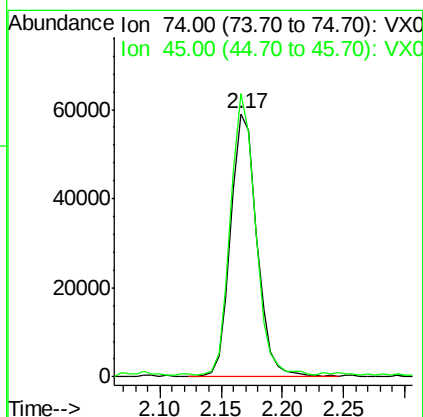
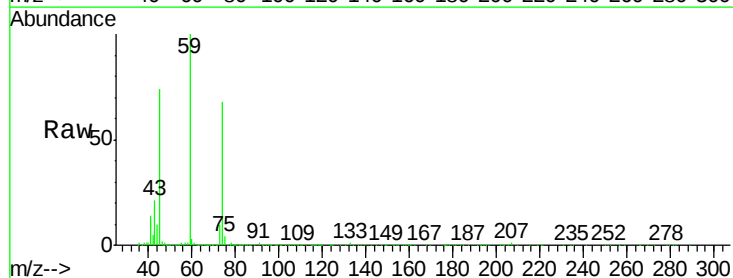
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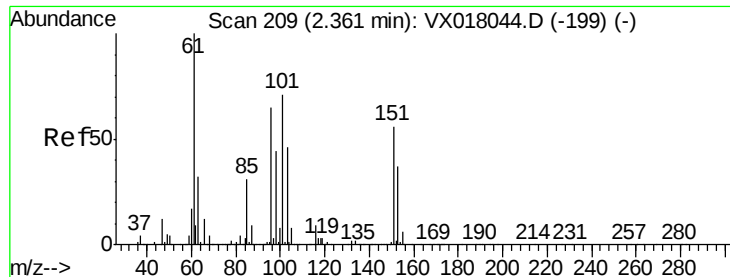


#8

Diethyl Ether
Concen: 20.740 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.2	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.524 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

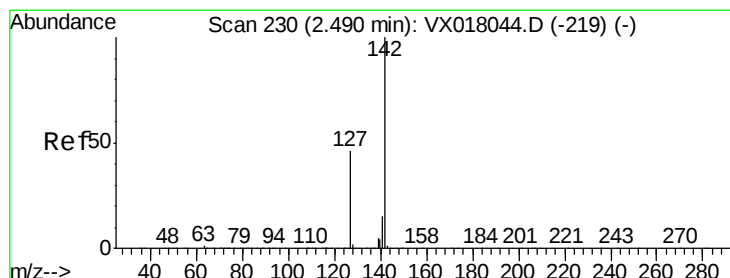
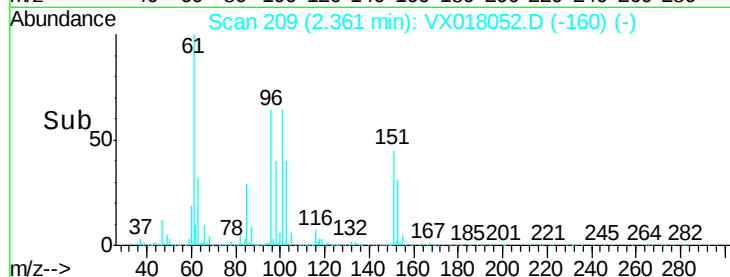
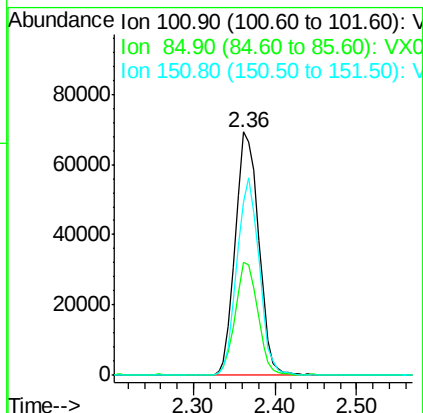
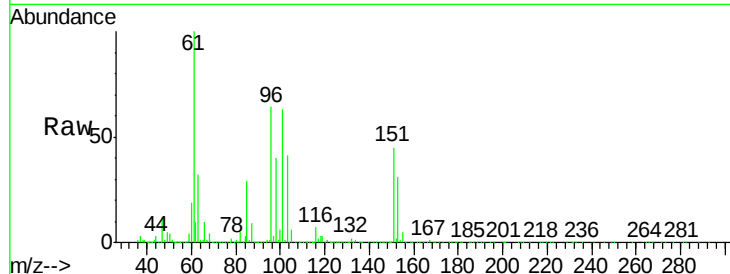
ClientSampleId :

VX0821WBS02

Tot Ion:	101	Resp:	137409
Ion Ratio	Lower	Upper	
101	100		
85	44.1	34.0	51.0
151	76.8	65.2	97.8

Manual Integrations
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#10

Methyl Iodide

Concen: 22.673 ug/l

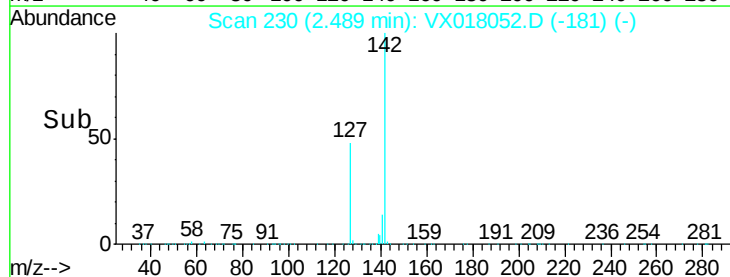
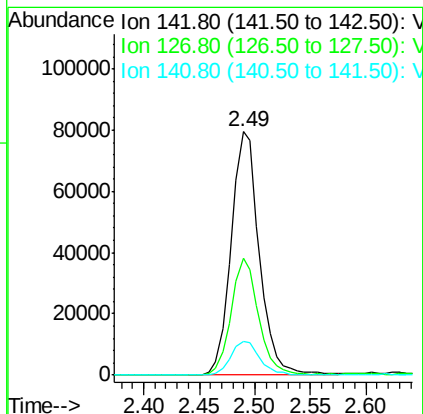
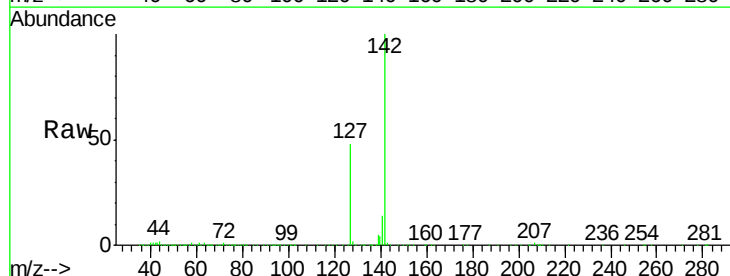
RT: 2.49 min Scan# 230

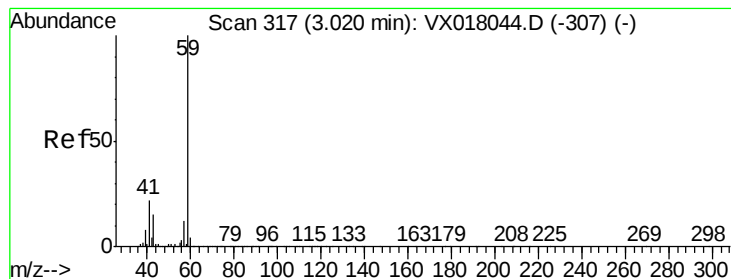
Delta R.T. 0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Tgt Ion:	142	Resp:	139265
Ion Ratio	Lower	Upper	
142	100		
127	46.6	37.0	55.6
141	14.5	11.5	17.3





#11

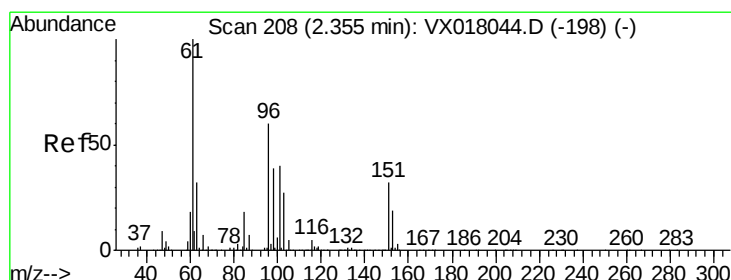
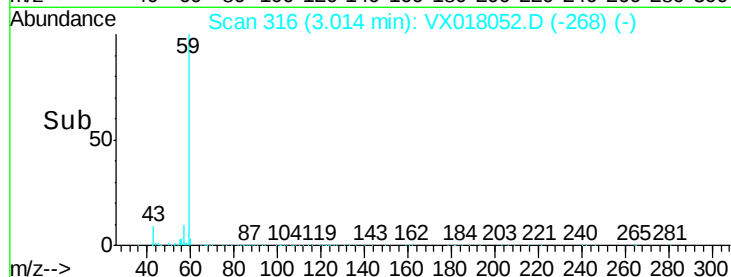
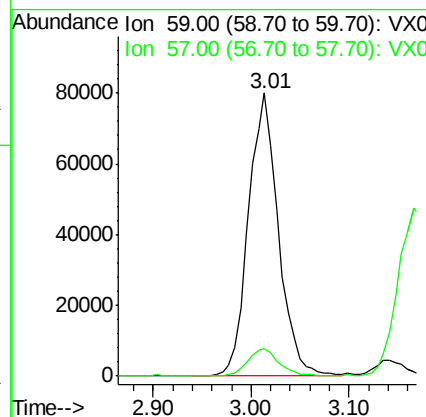
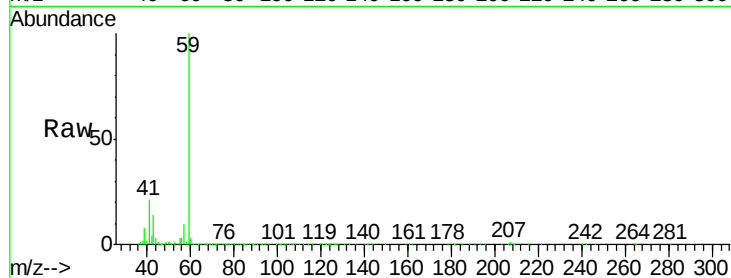
Tert butyl alcohol
Concen: 88.622 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.9	13.3

Manual Integrations
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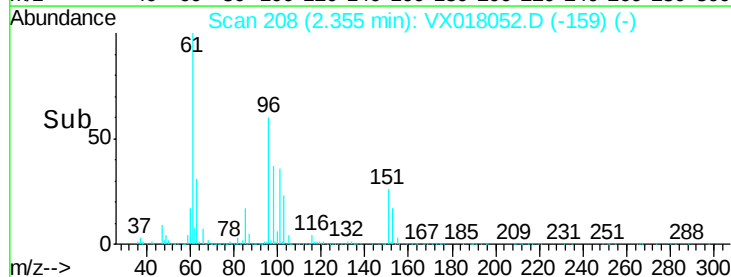
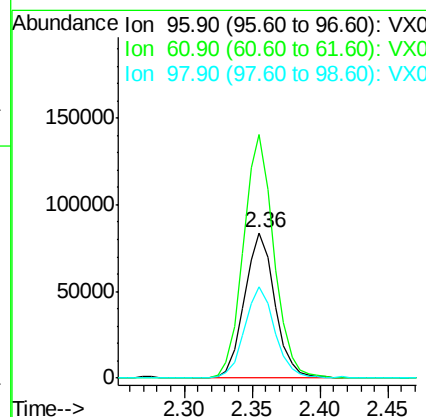
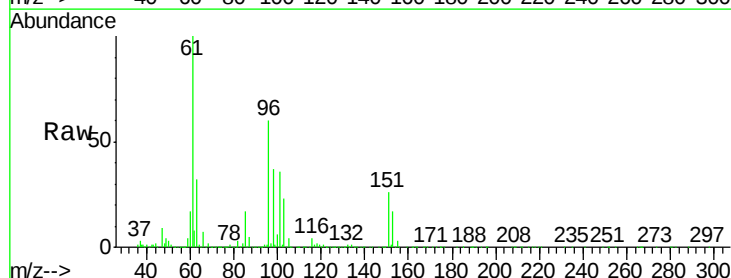
sam
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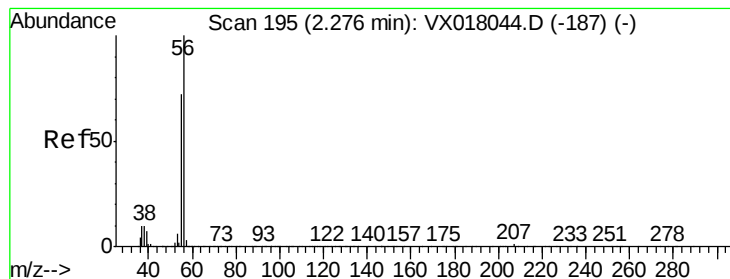


#12

1,1-Dichloroethene
Concen: 18.773 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.8	133.0	199.4
98	62.4	51.6	77.4





#13

Acrolein

Concen: 83.648 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

Tot Ion: 56 Resp: 66541

Ion Ratio Lower Upper

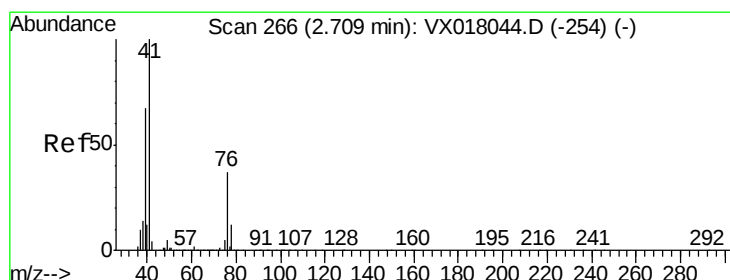
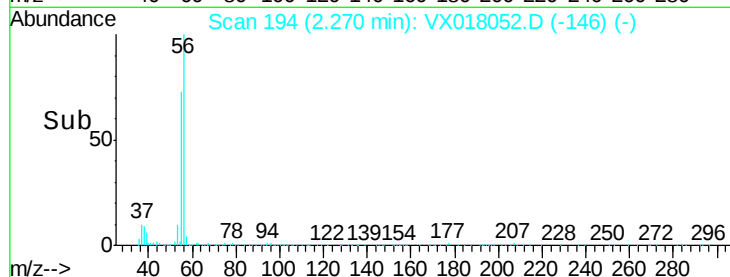
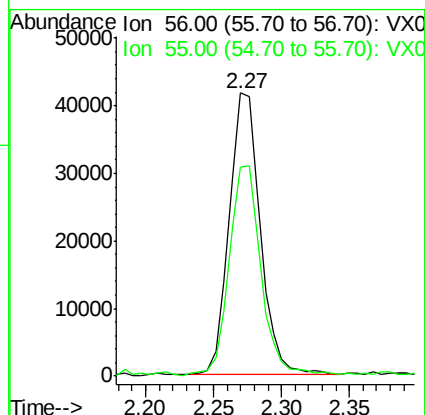
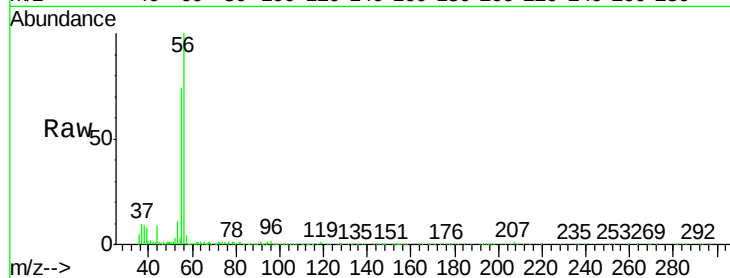
56 100

55 77.2 57.0 85.6

Manual Integrations
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#14

Allyl chloride

Concen: 22.007 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

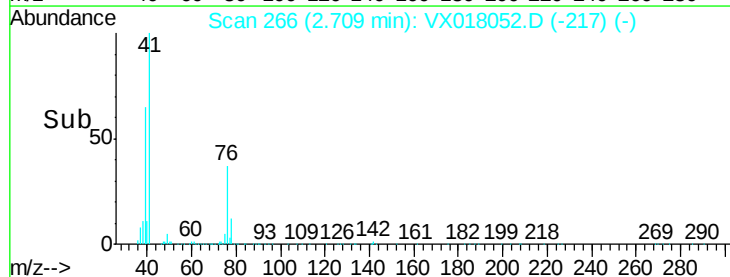
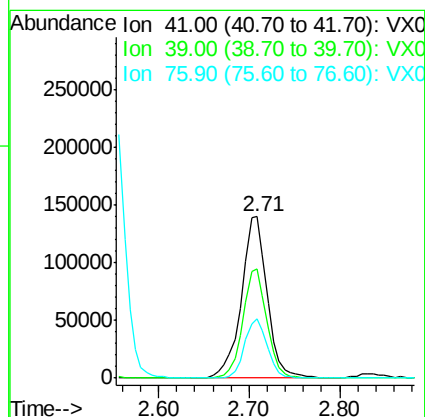
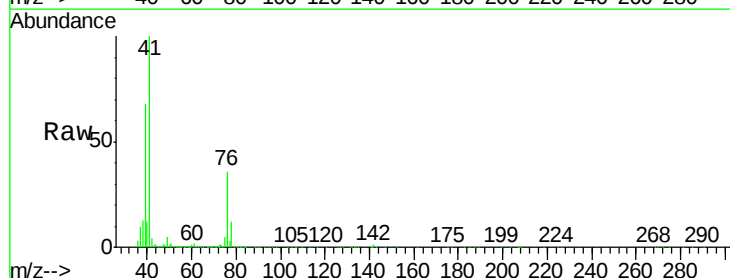
Tgt Ion: 41 Resp: 274623

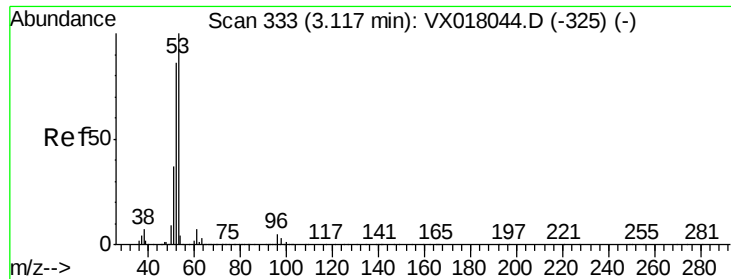
Ion Ratio Lower Upper

41 100

39 62.9 50.6 76.0

76 32.1 26.2 39.2





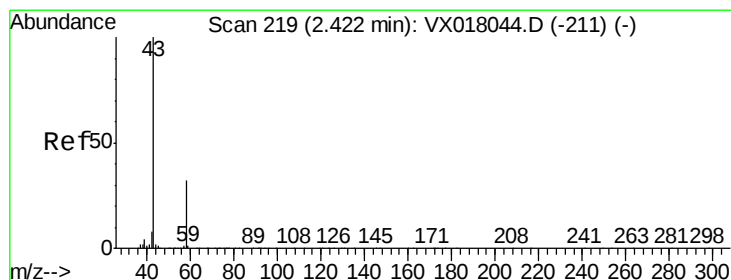
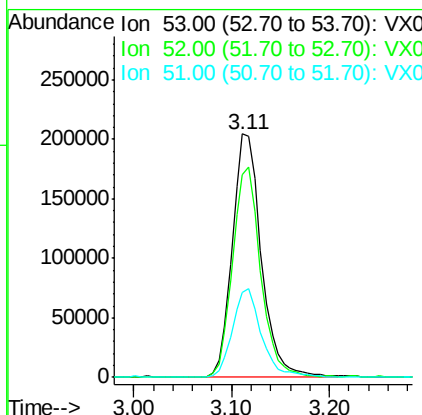
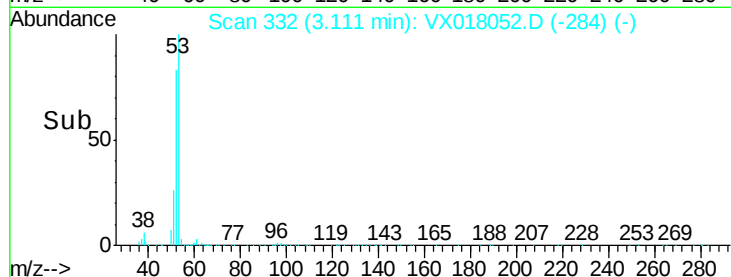
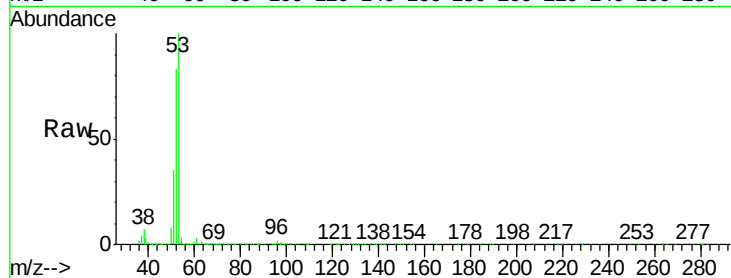
#15
 Acrylonitrile
 Concen: 96.709 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX018052.D
 Acq: 21 Aug 2020 12:37

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0821WBS02

Tot Ion	Ion	Ratio	Lower	Upper
53	100			
52	84.2	66.9	100.3	
51	36.3	28.7	43.1	

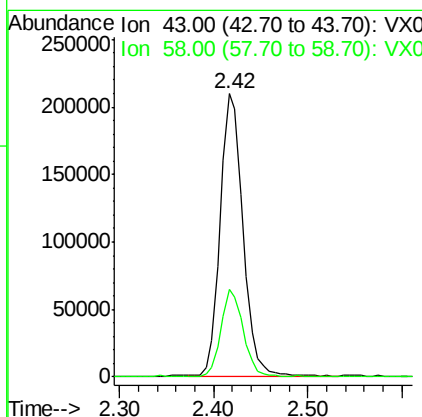
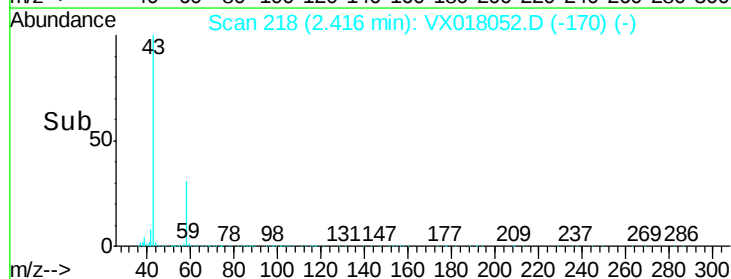
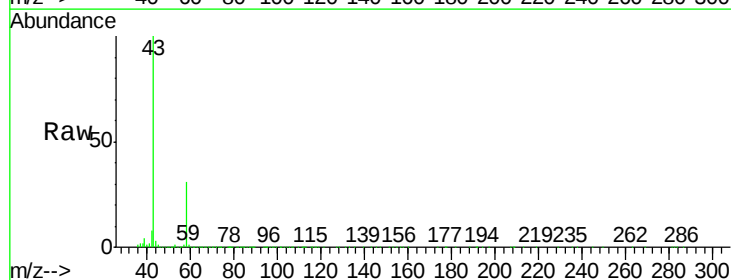
Manual Integrations
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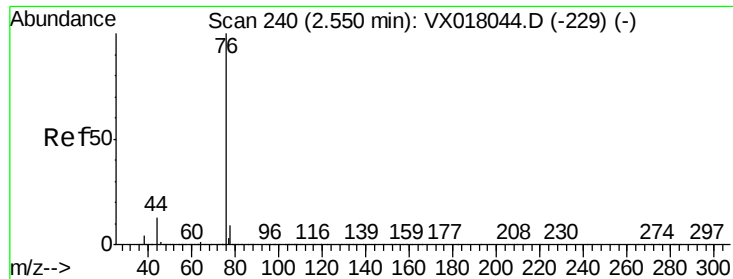
sam
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#16
 Acetone
 Concen: 91.168 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX018052.D
 Acq: 21 Aug 2020 12:37

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
58	31.0	25.5	38.3	





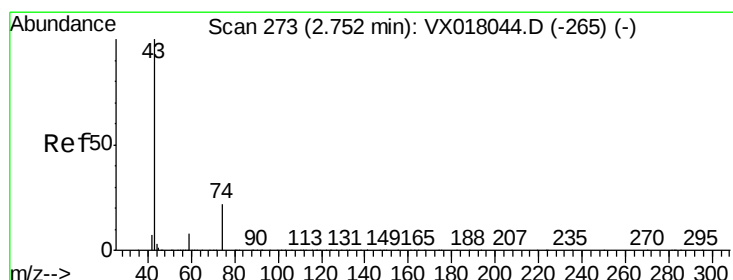
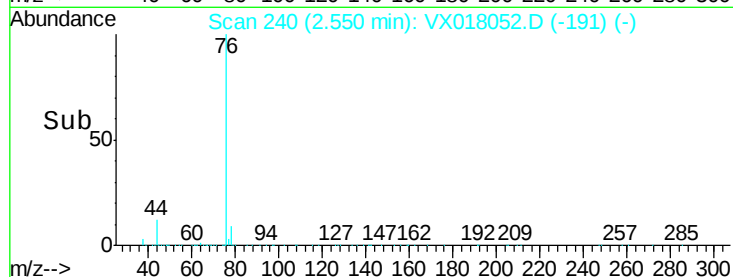
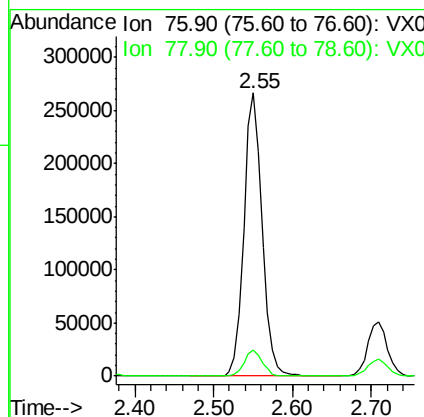
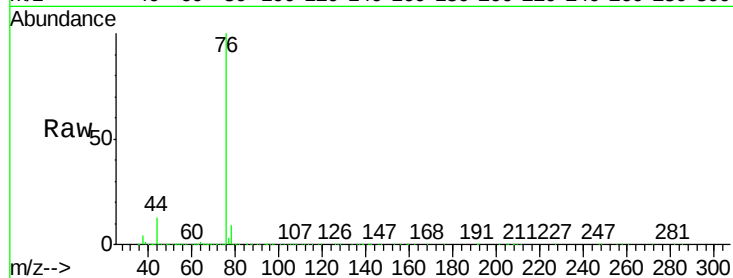
#17
Carbon Disulfide
Concen: 20.144 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.0

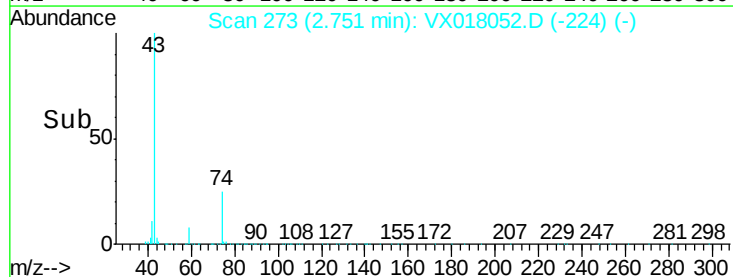
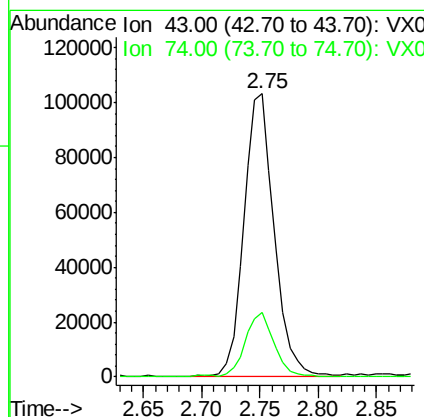
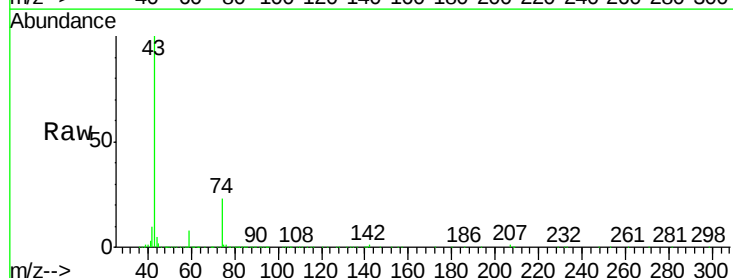
Manual Integrations
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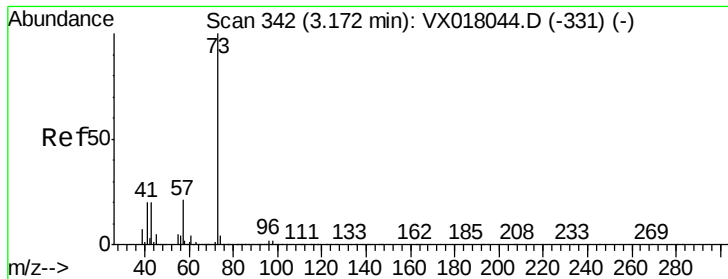
sam
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#18
Methyl Acetate
Concen: 19.986 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.9	18.2	27.4





#19

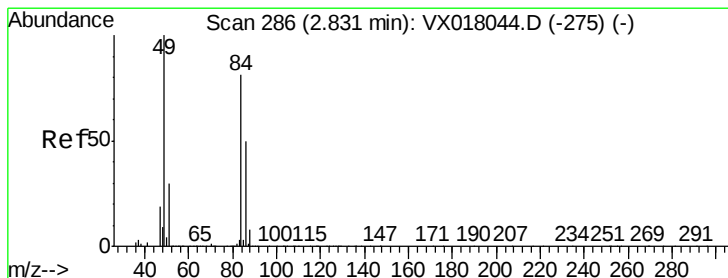
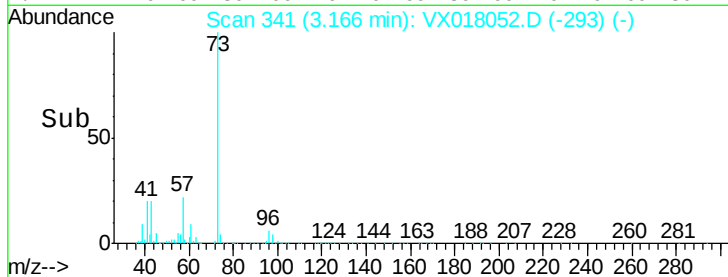
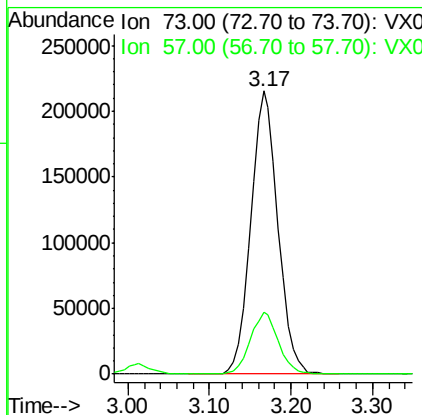
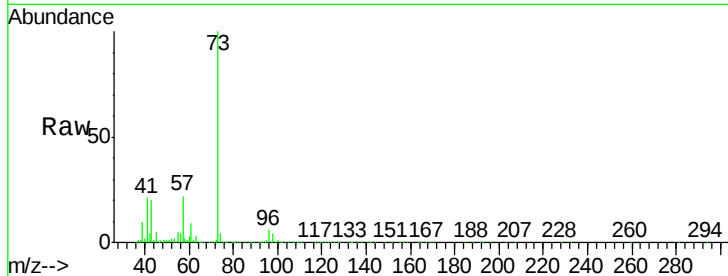
Methyl tert-butyl Ether
 Concen: 20.916 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX018052.D
 Acq: 21 Aug 2020 12:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	16.8	25.2

Manual Integrations
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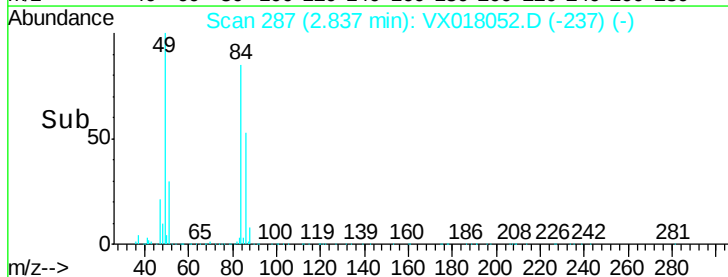
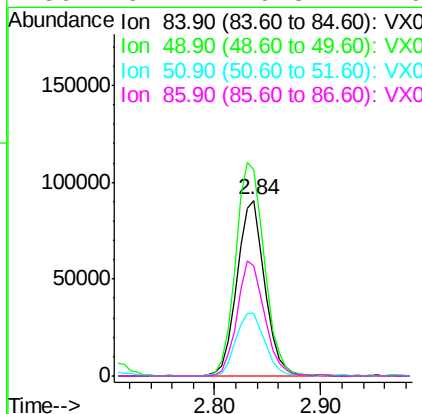
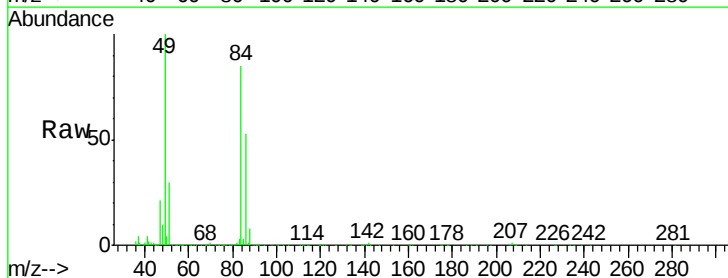
sam
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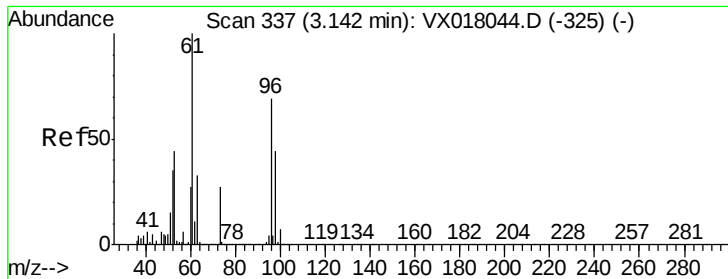


#20

Methylene Chloride
 Concen: 20.485 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: VX018052.D
 Acq: 21 Aug 2020 12:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.4	98.6	148.0
51	35.1	29.6	44.4
86	62.7	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 20.053 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

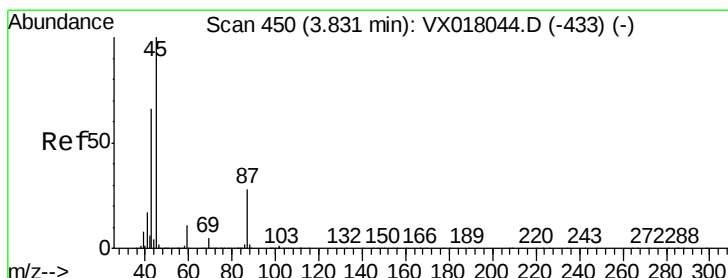
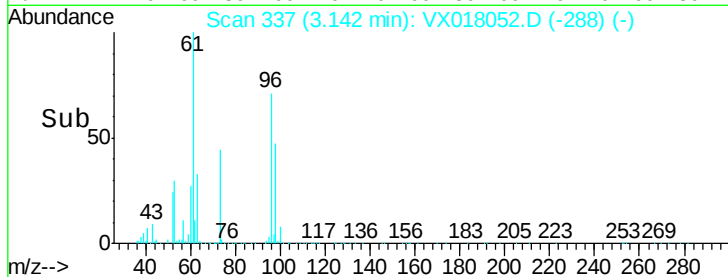
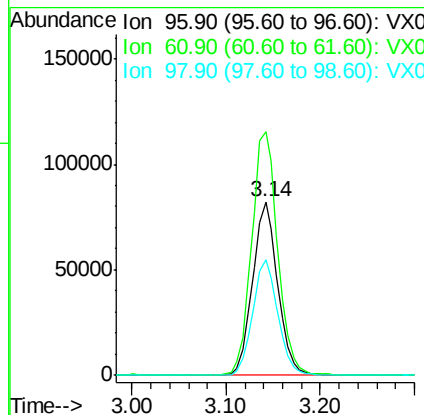
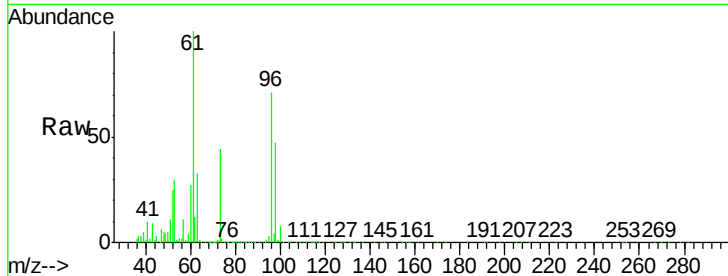
ClientSampleId :

VX0821WBS02

Tot Ion:	96	Resp:	154312
Ion Ratio	Lower	Upper	
96	100		
61	140.5	115.4	173.0
98	66.4	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.479 ug/l

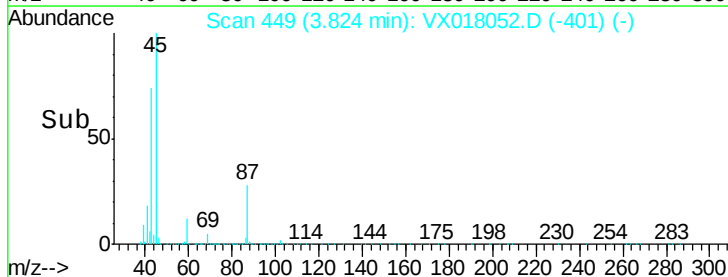
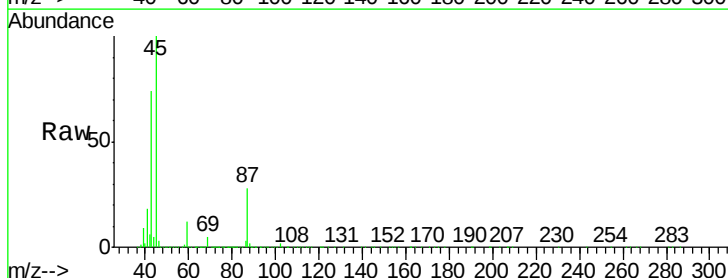
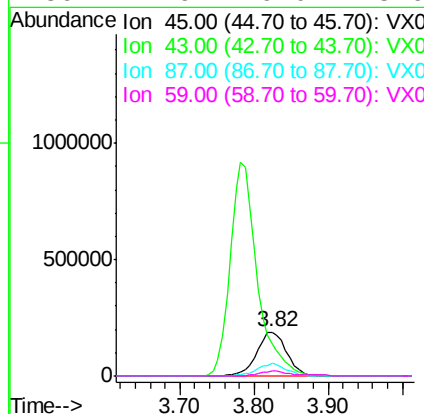
RT: 3.82 min Scan# 449

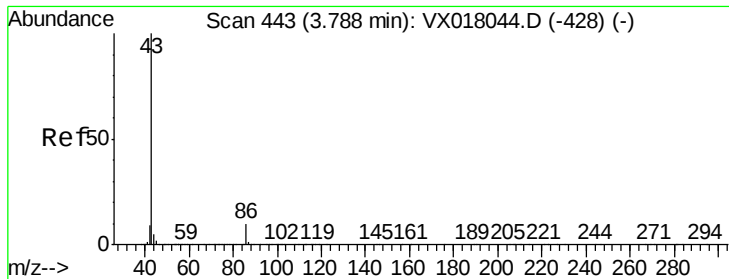
Delta R.T. -0.01 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Tgt Ion:	45	Resp:	529012
Ion Ratio	Lower	Upper	
45	100		
43	73.9	52.8	79.2
87	28.0	22.5	33.7
59	11.6	9.0	13.6





#23

Vinyl Acetate

Concen: 107.120 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

ClientSampled :

VX0821WBS02

Tot Ion: 43 Resp: 2347599

Ion Ratio Lower Upper

43 100

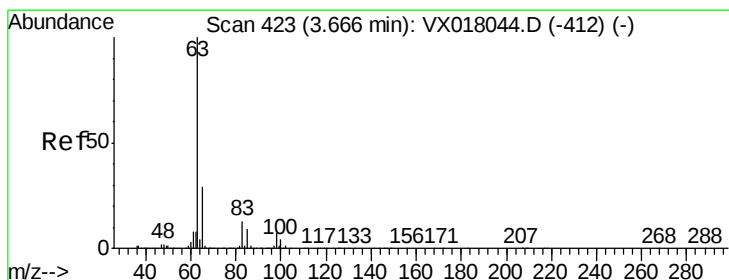
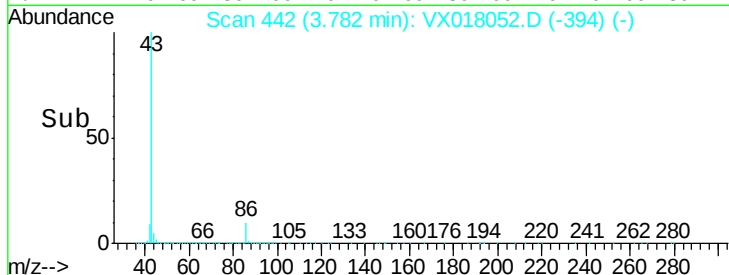
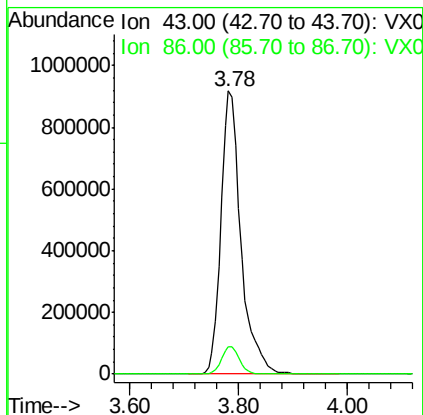
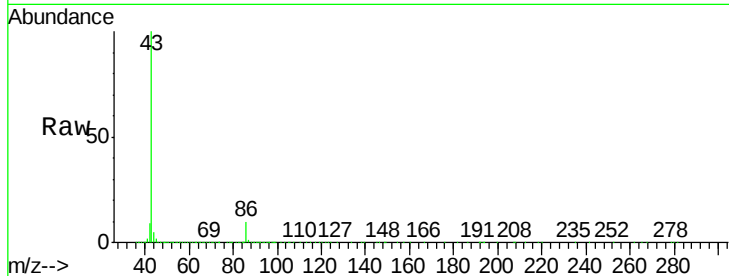
86 9.7 7.9 11.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.756 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

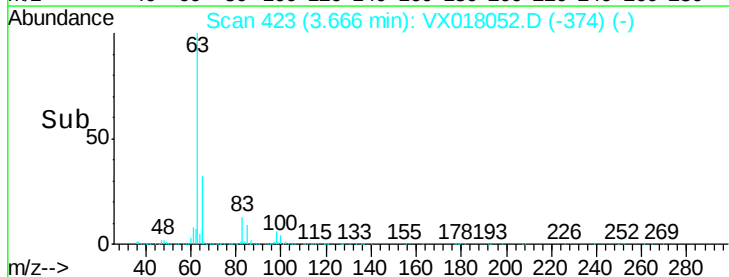
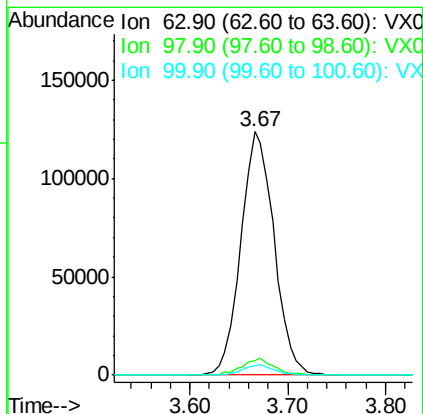
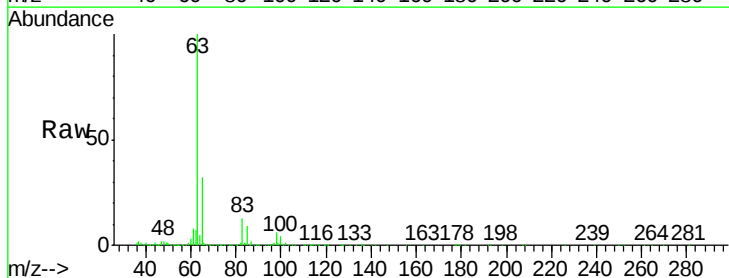
Tgt Ion: 63 Resp: 291011

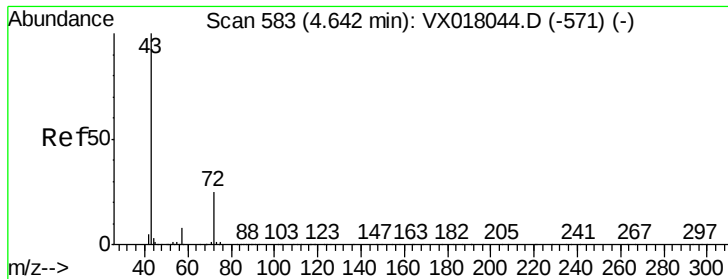
Ion Ratio Lower Upper

63 100

98 6.0 3.6 10.8

100 3.9 2.0 6.0





#25

2-Butanone

Concen: 94.926 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

Tot Ion: 43 Resp: 599811

Ion Ratio Lower Upper

43 100

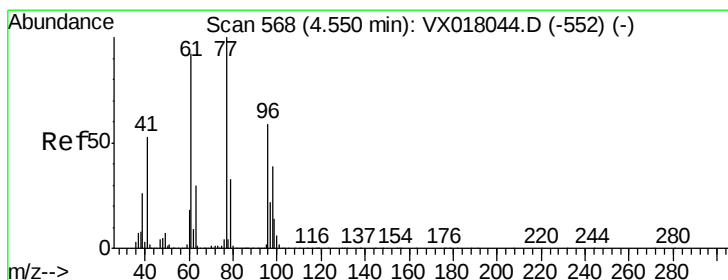
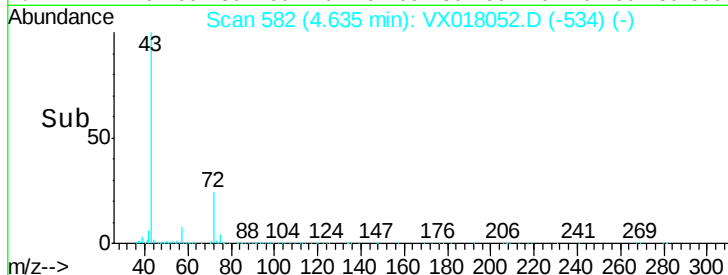
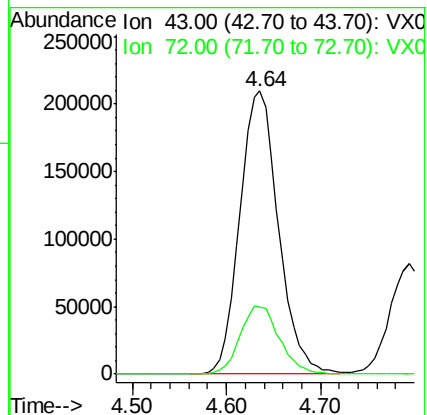
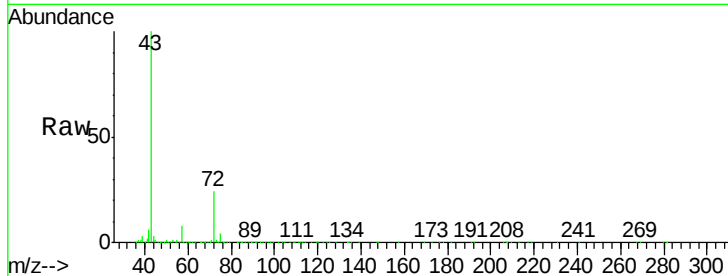
72 23.6 19.8 29.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 23.129 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018052.D

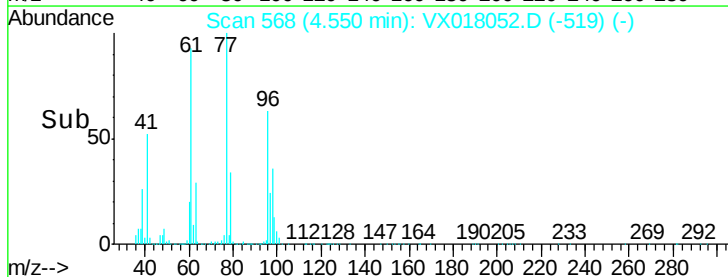
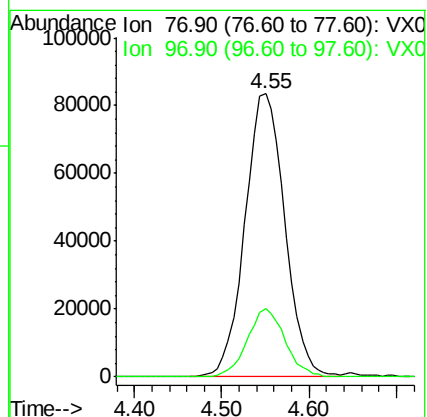
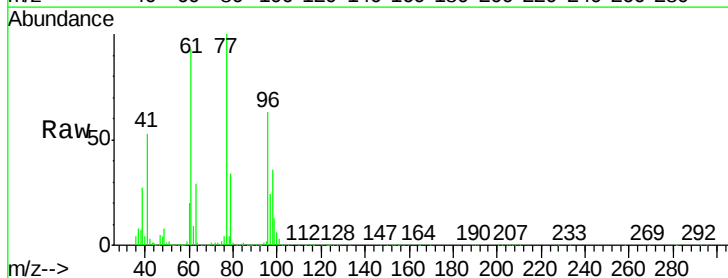
Acq: 21 Aug 2020 12:37

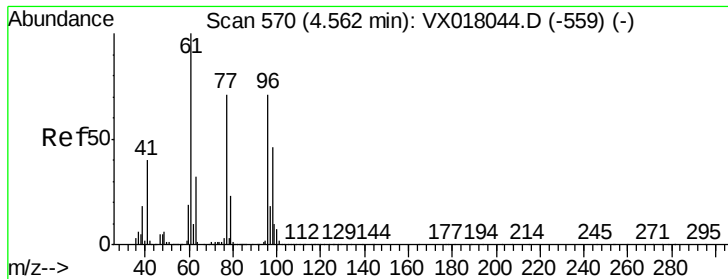
Tgt Ion: 77 Resp: 263842

Ion Ratio Lower Upper

77 100

97 22.7 11.5 34.5





#27

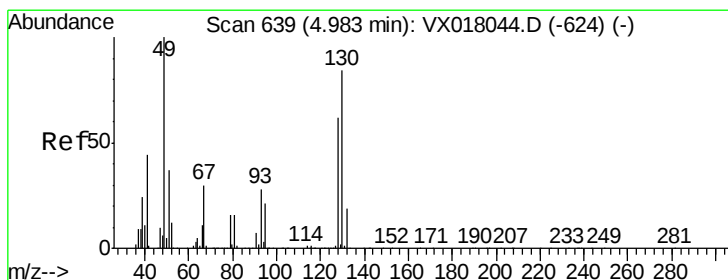
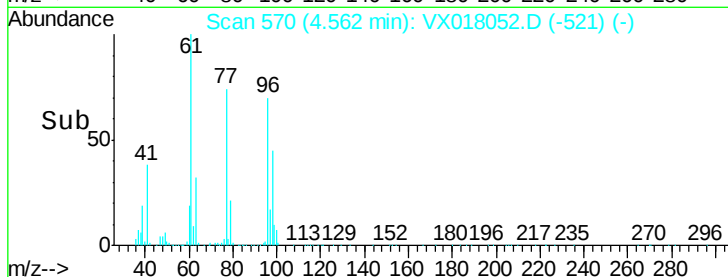
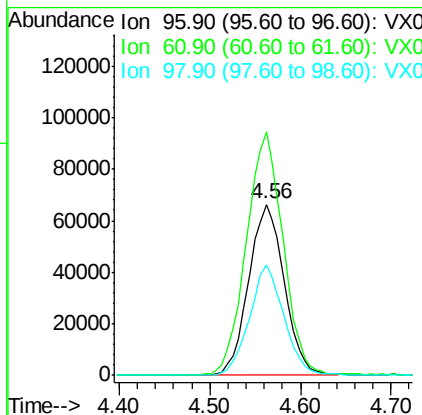
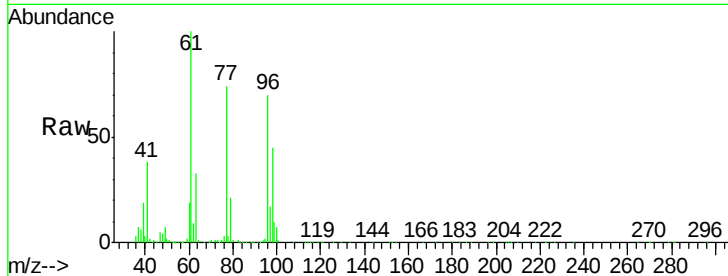
cis-1,2-Dichloroethene
Concen: 20.354 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.9	0.0	296.6
98	62.5	0.0	130.2

Manual Integrations
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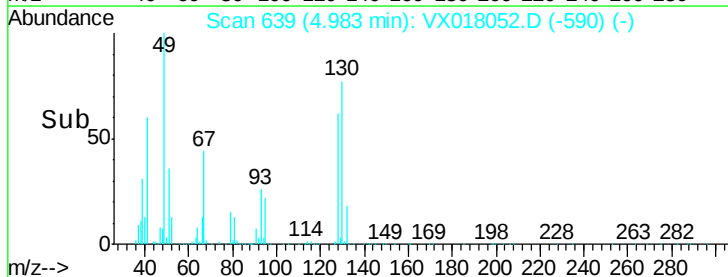
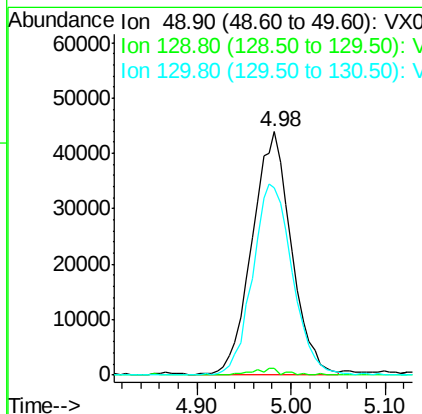
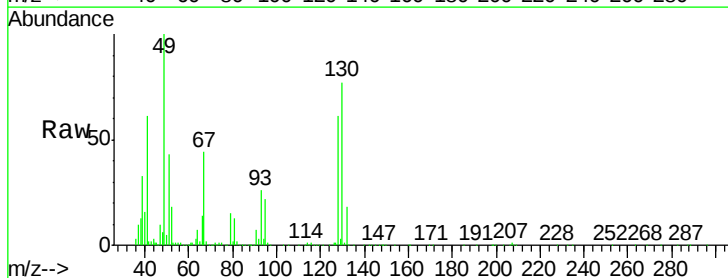
sam
8/24/2020 5:49:59 PM



#28

Bromochloromethane
Concen: 18.953 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.6
130	79.6	64.6	96.8





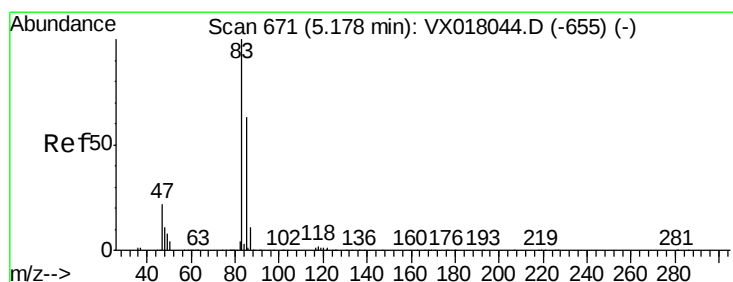
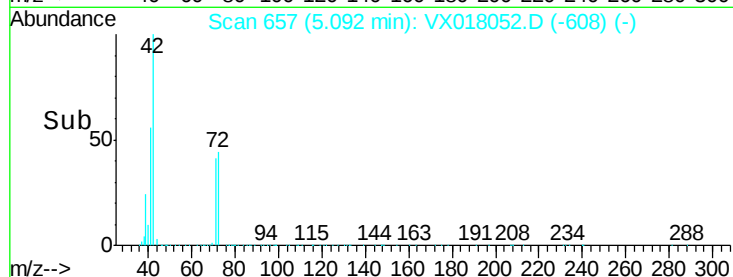
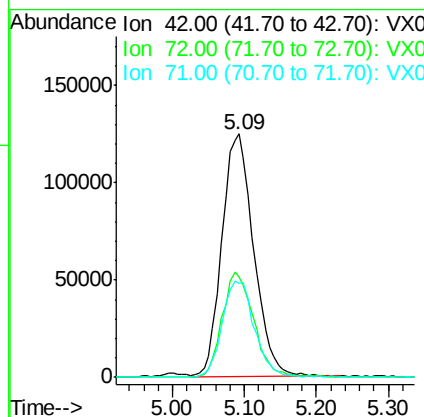
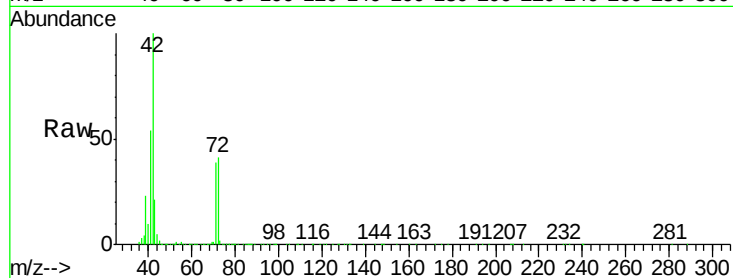
#29
Tetrahydrofuran
Concen: 95.105 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

Tot Ion	Ratio	Resp	Lower	Upper
42	100	382550		
72	42.7		34.2	51.4
71	40.1		32.1	48.1

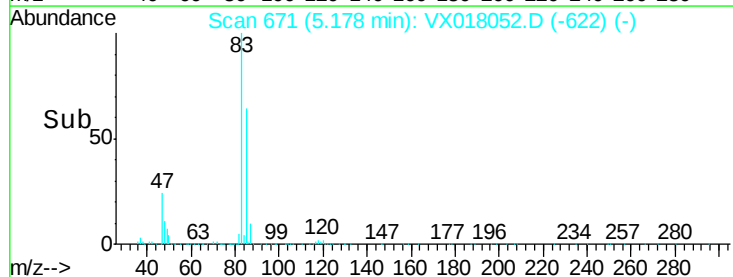
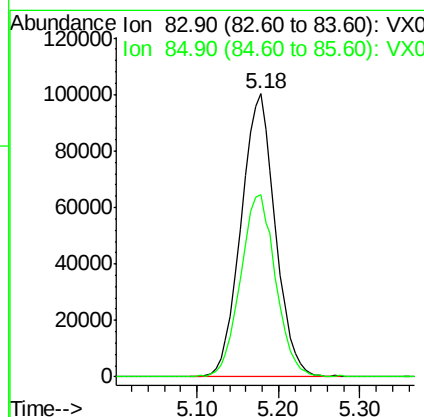
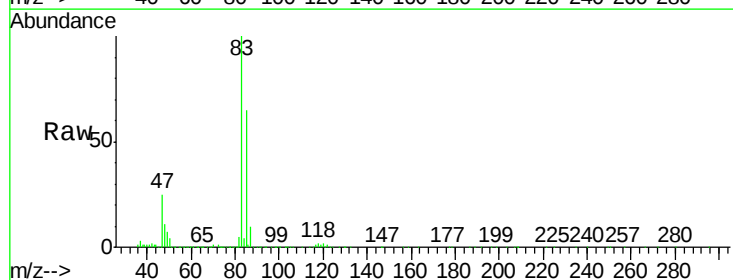
Manual Integrations
APPROVED

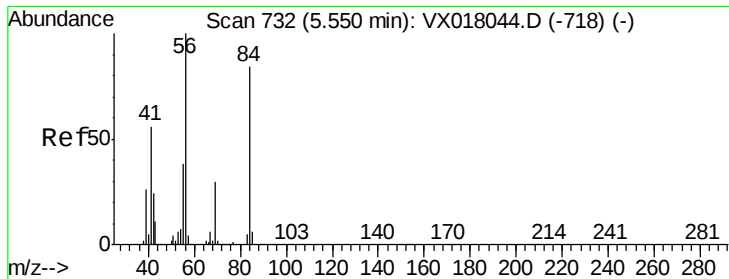
sam
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#30
Chloroform
Concen: 20.126 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	292178		
85	64.4		50.7	76.1





#31

Cyclohexane

Concen: 21.656 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

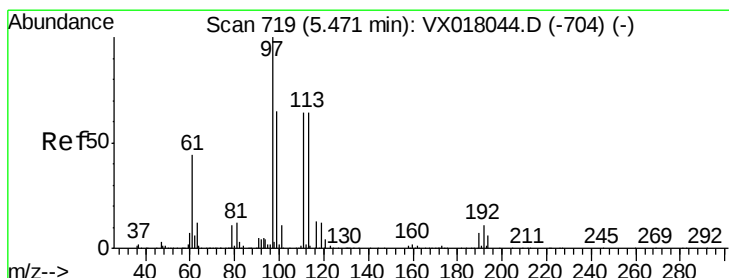
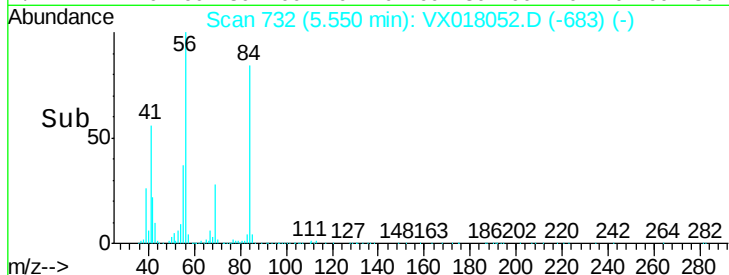
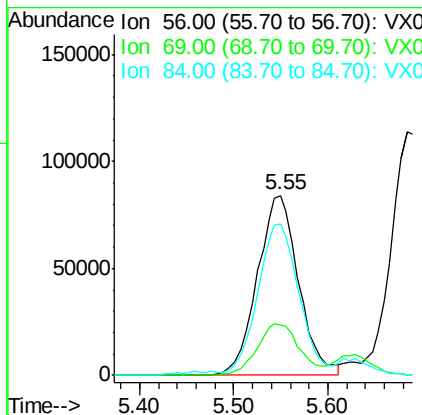
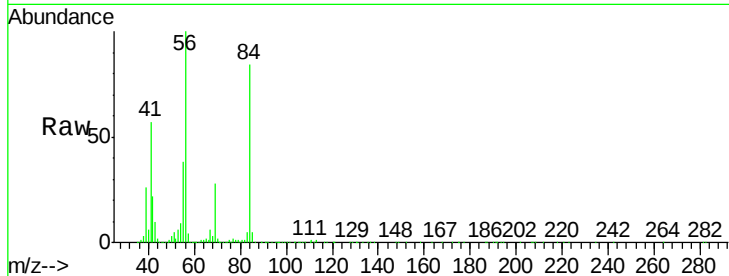
ClientSampleId :

VX0821WBS02

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	28.3	23.9	35.9	
84	83.1	67.0	100.4	

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.341 ug/l

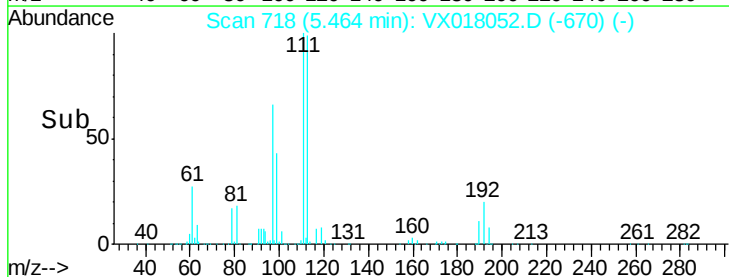
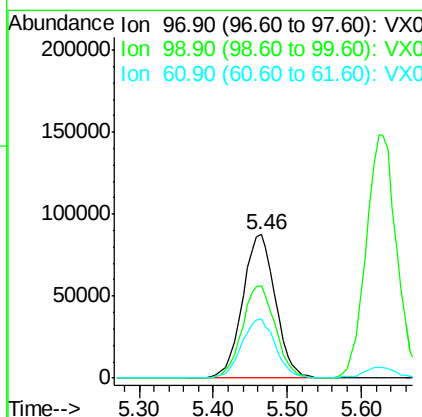
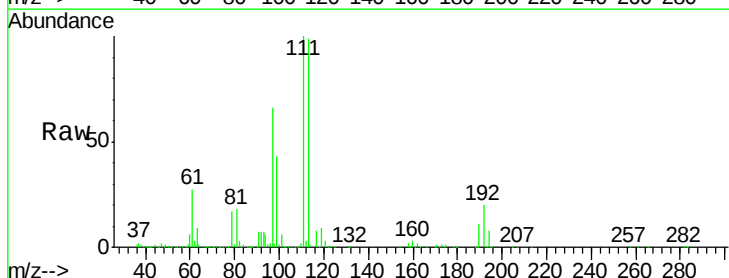
RT: 5.46 min Scan# 718

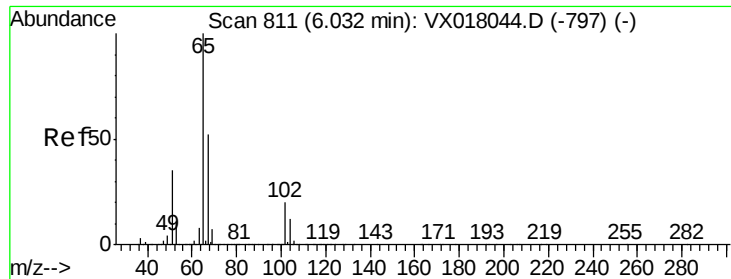
Delta R.T. -0.01 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.6	51.4	77.0	
61	41.7	34.2	51.4	





#33

1,2-Dichloroethane-d4

Concen: 46.382 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

Tot Ion: 65 Resp: 457653

Ion Ratio Lower Upper

65 100

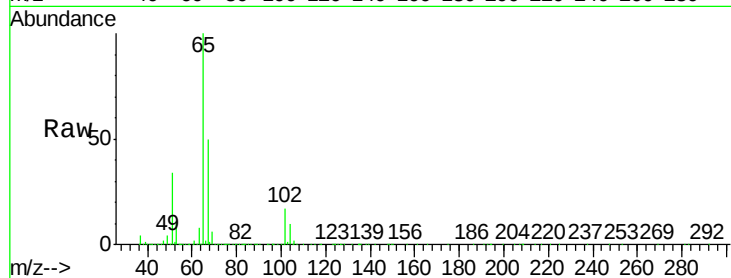
67 52.2 0.0 105.8

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

200000

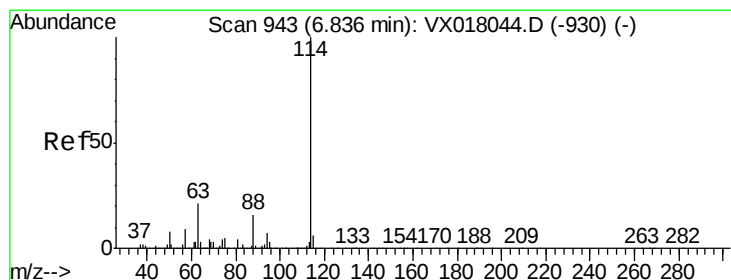
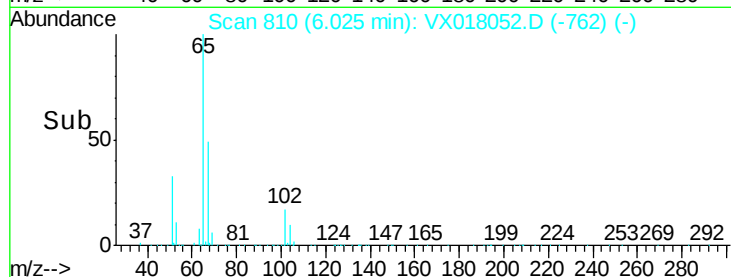
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

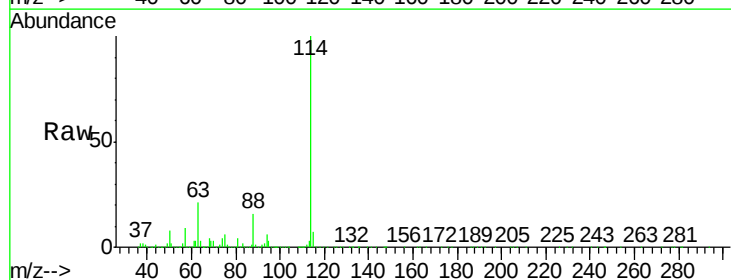
Tgt Ion: 114 Resp: 1119445

Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.6

88 16.1 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

600000

500000

400000

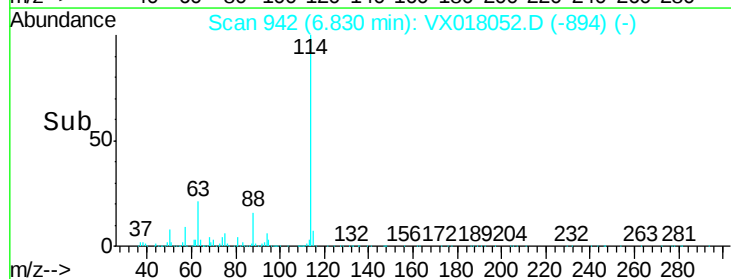
300000

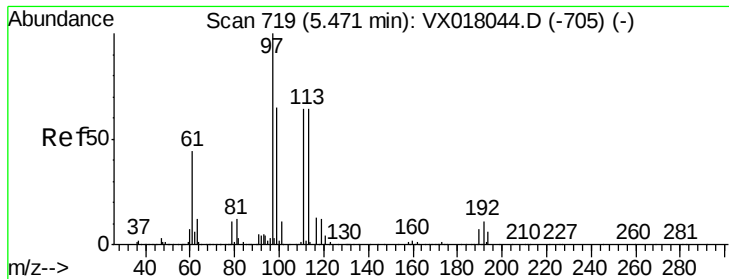
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 48.080 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018052.D

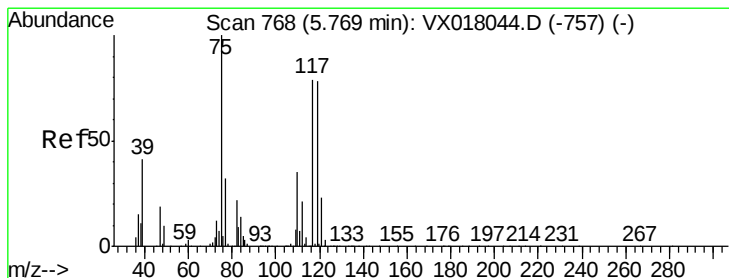
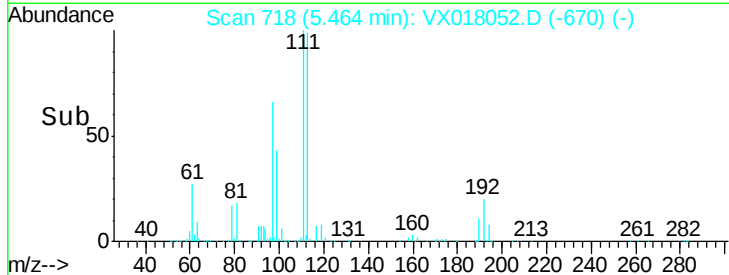
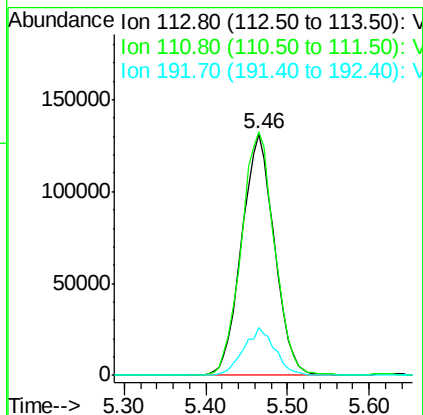
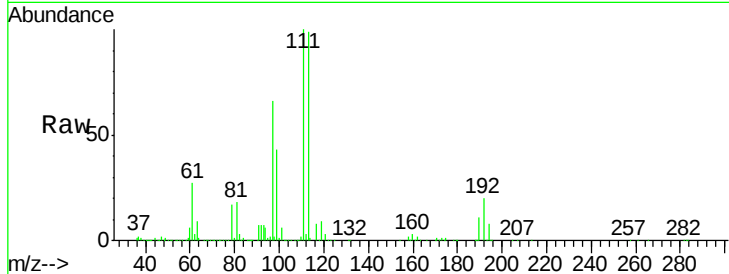
Acq: 21 Aug 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

Tot Ion:	113	Resp:	366561
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.6	122.4
192	19.0	15.8	23.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 21.671 ug/l

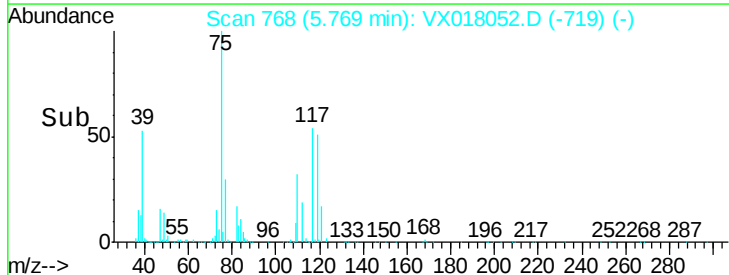
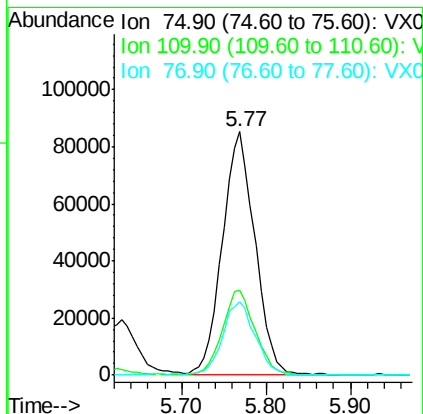
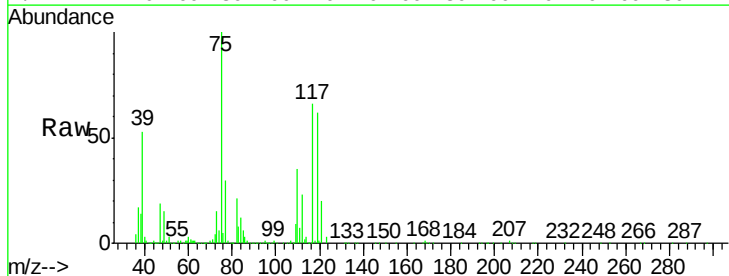
RT: 5.77 min Scan# 768

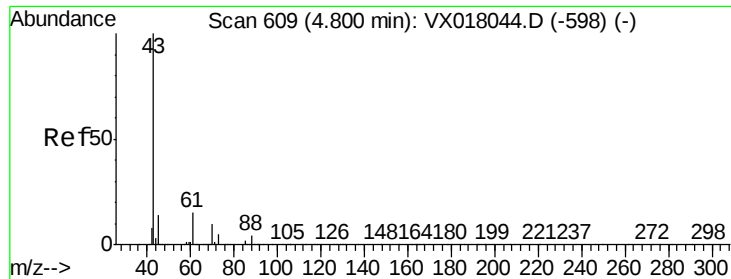
Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Tgt Ion:	75	Resp:	223753
Ion Ratio	Lower	Upper	
75	100		
110	35.3	18.0	54.0
77	29.5	24.4	36.6





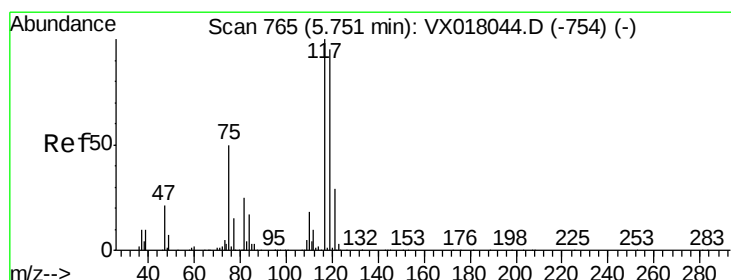
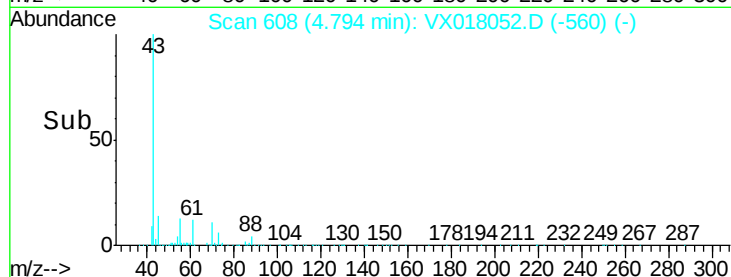
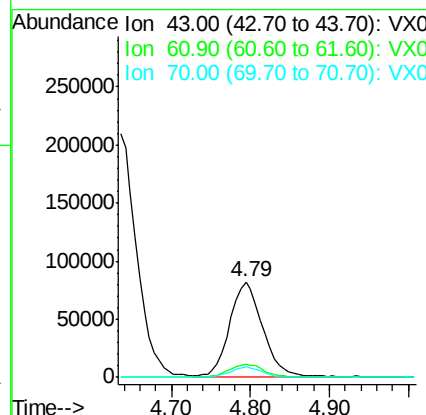
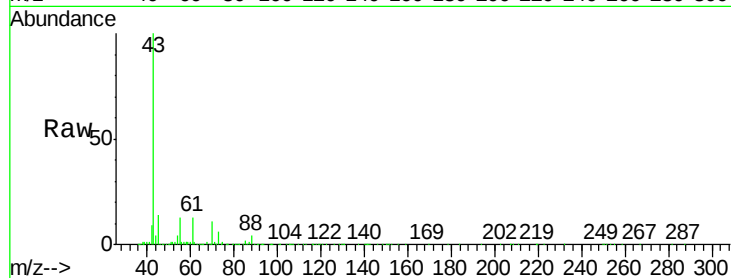
#37
Ethyl Acetate
Concen: 19.791 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.3	16.9
70	10.5	8.2	12.4

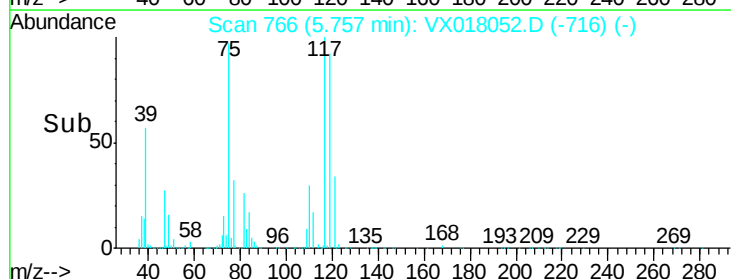
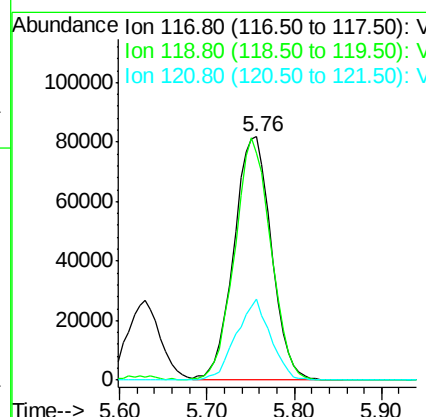
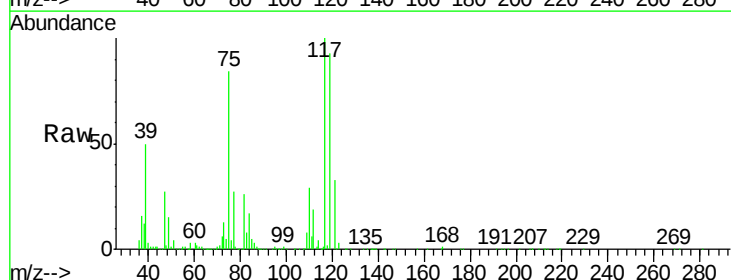
Manual Integrations
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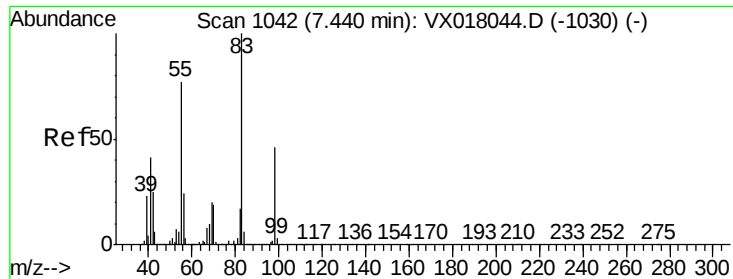
sam
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#38
Carbon Tetrachloride
Concen: 20.832 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	75.8	113.6
121	33.2	23.4	35.0





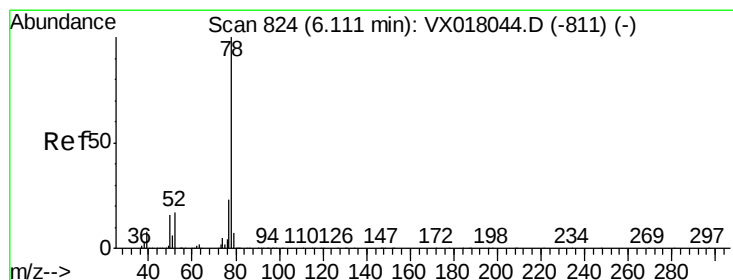
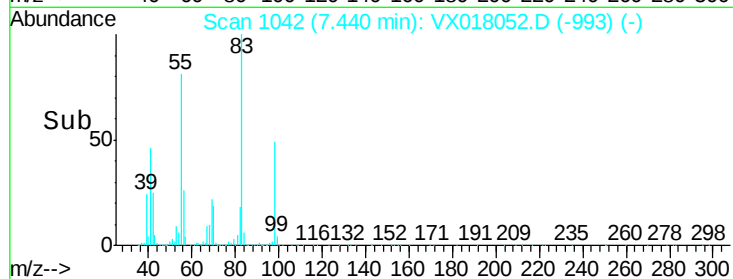
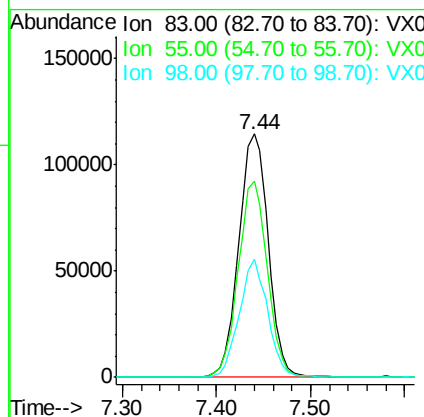
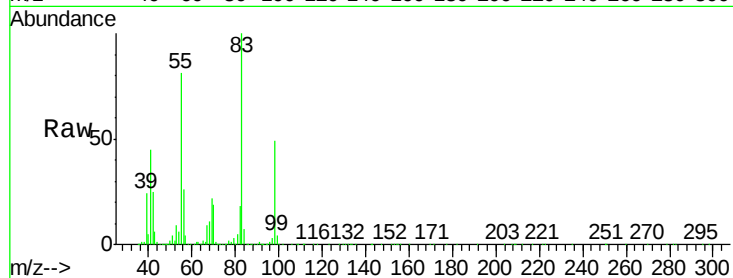
#39
Methvlcvclohexane
Concen: 22.255 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.5	61.8	92.6
98	48.8	36.6	55.0

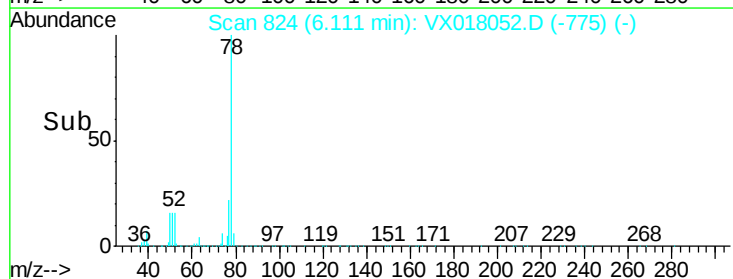
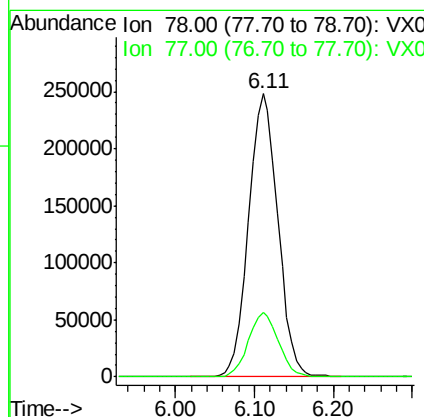
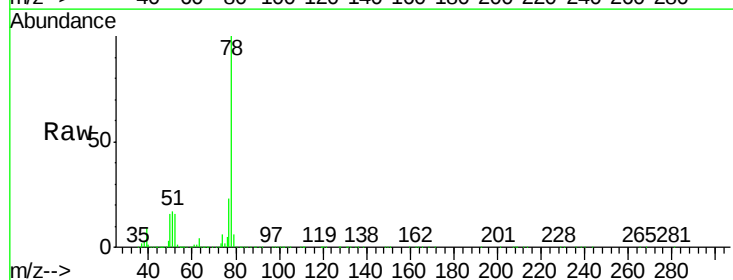
Manual Integrations
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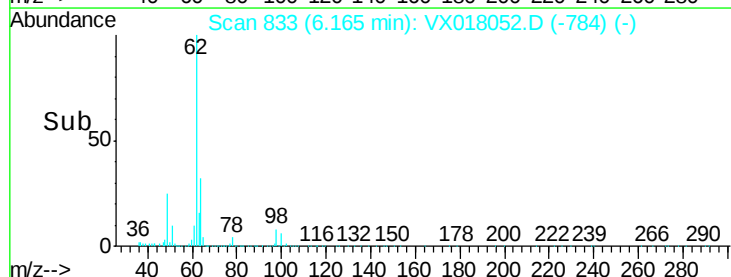
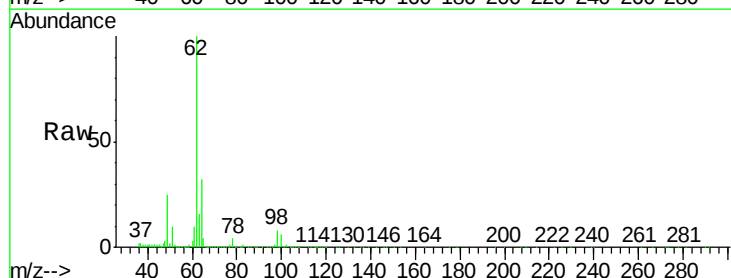
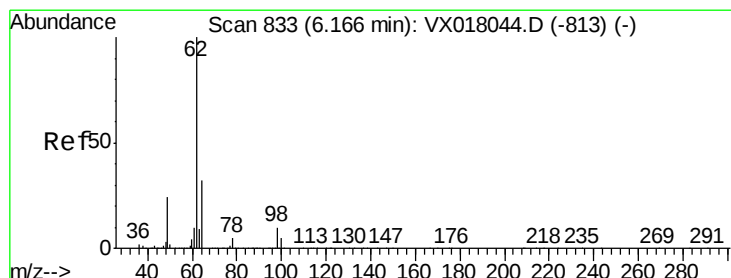
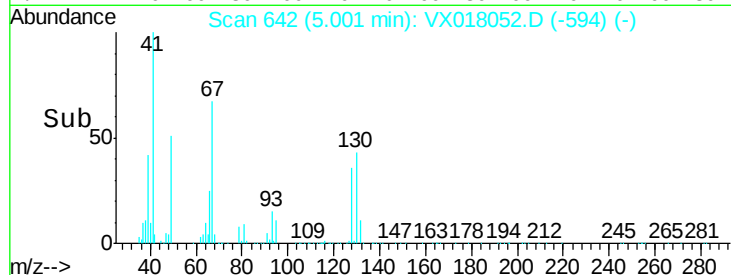
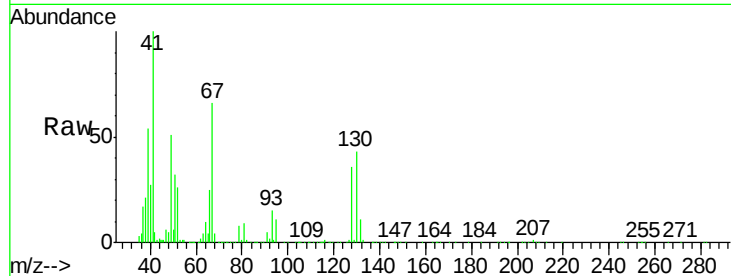
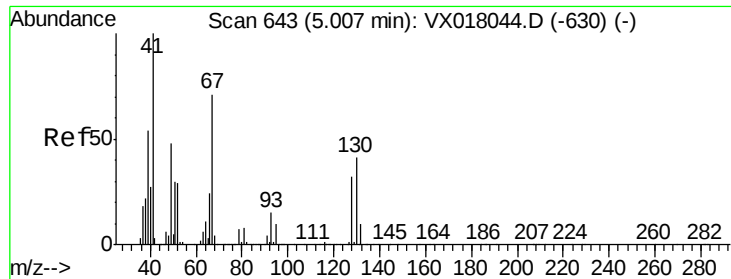
sam
8/24/2020 5:49:59 PM



#40
Benzene
Concen: 21.100 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

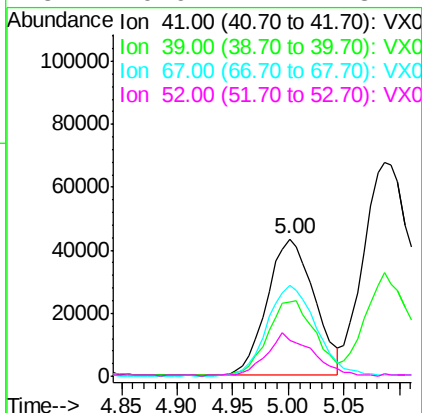
Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.2	27.2





#41
Methacrylonitrile
Concen: 19.552 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.8	43.1	64.7	
67	68.6	56.0	84.0	
52	29.9	22.7	34.1	



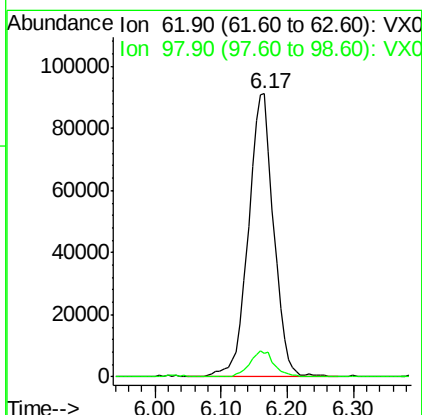
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

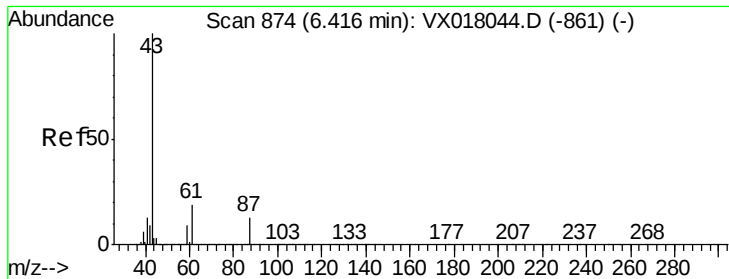
Manual Integrations
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sam
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#42
1,2-Dichloroethane
Concen: 20.857 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	0.0	18.2	





#43

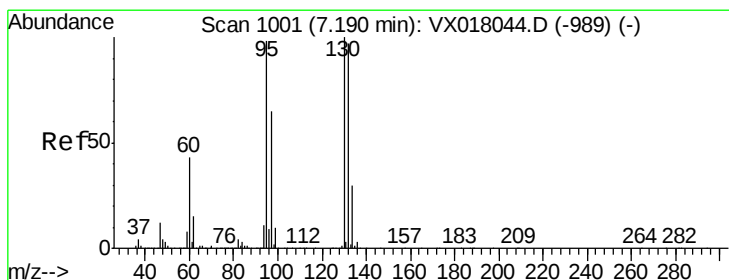
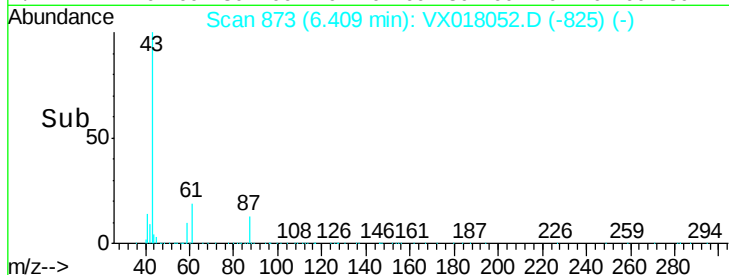
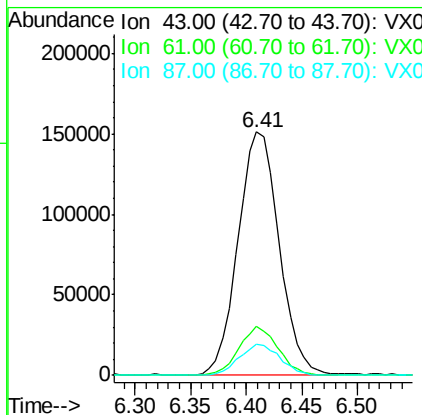
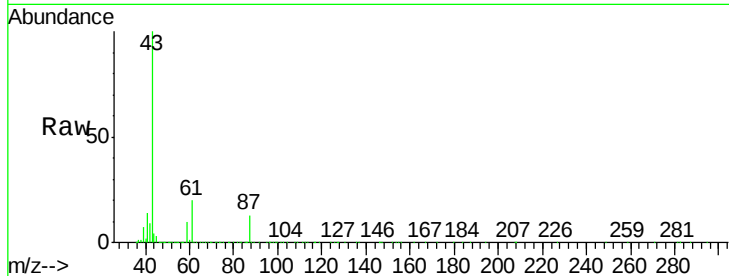
Isopropyl Acetate
 Concen: 19.925 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018052.D
 Acq: 21 Aug 2020 12:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.7	23.5
87	12.9	10.3	15.5

Manual Integrations
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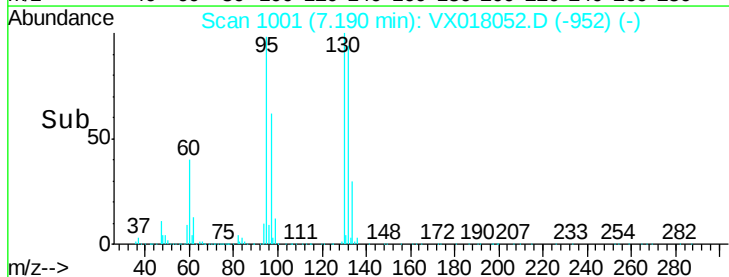
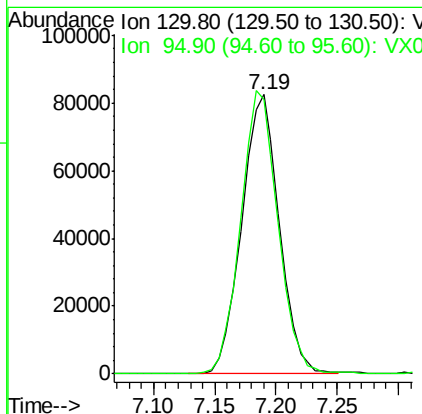
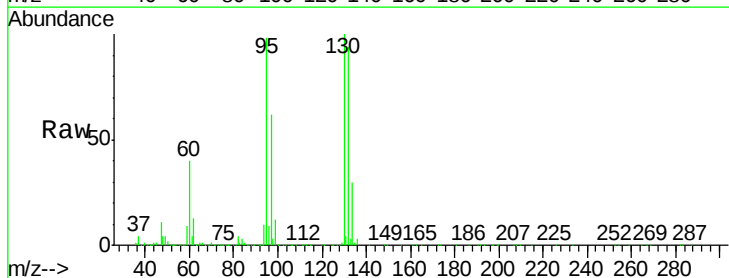
Sam
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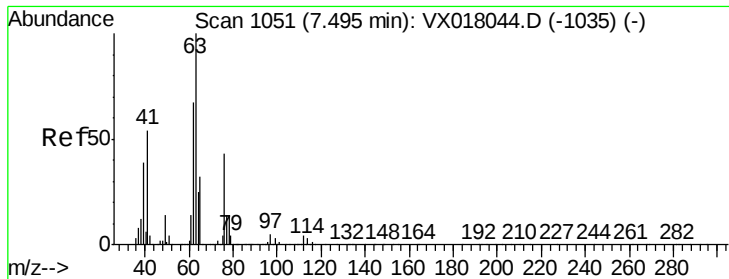


#44

Trichloroethene
 Concen: 20.497 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018052.D
 Acq: 21 Aug 2020 12:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.4	0.0	196.4





#45

1,2-Dichloropropane

Concen: 21.101 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

Tot Ion: 63 Resp: 172545

Ion Ratio Lower Upper

63 100

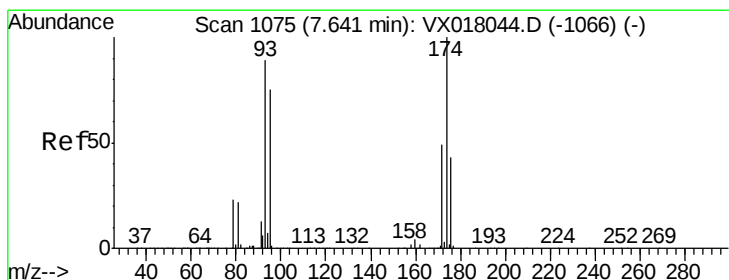
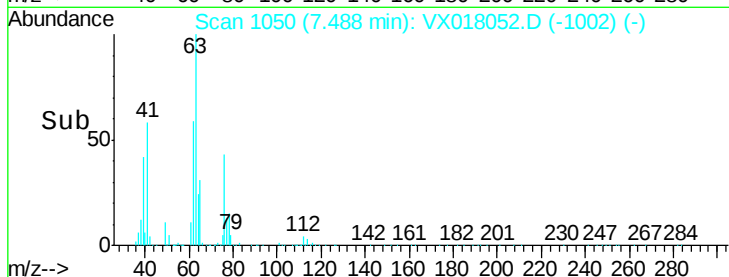
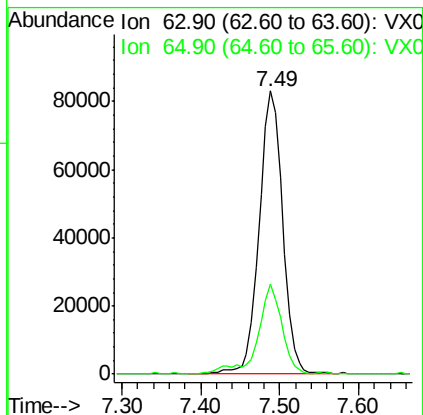
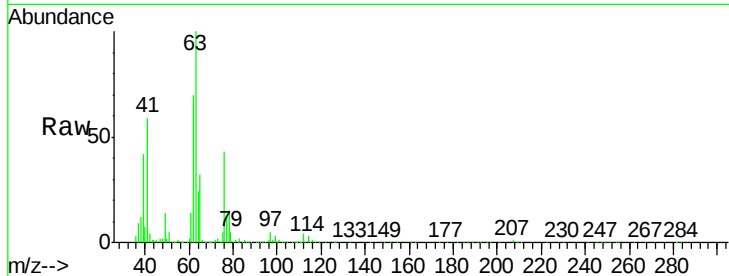
65 31.7 25.7 38.5

Manual Integrations

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#46

Dibromomethane

Concen: 20.090 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

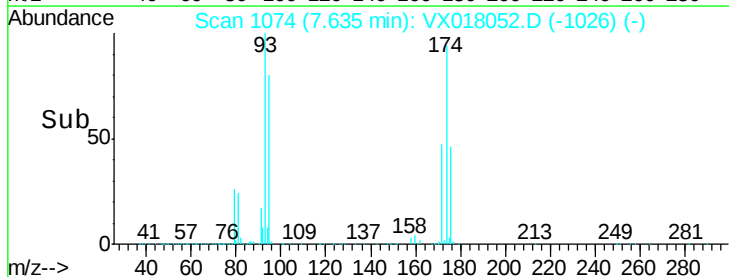
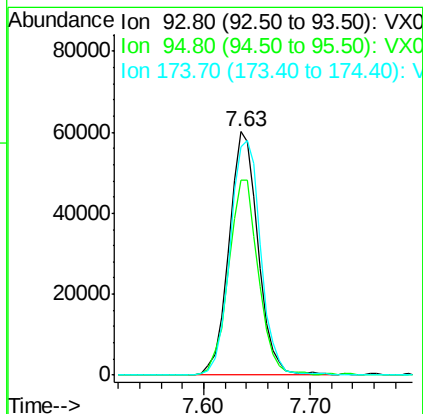
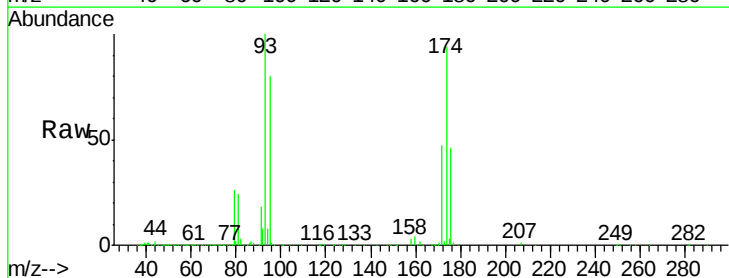
Tgt Ion: 93 Resp: 115522

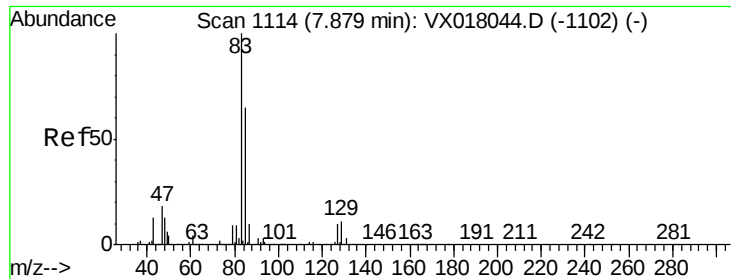
Ion Ratio Lower Upper

93 100

95 81.3 67.3 100.9

174 101.0 82.2 123.2





#47

Bromodichloromethane

Concen: 20.373 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

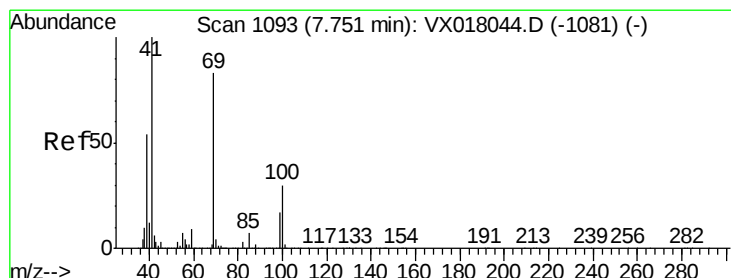
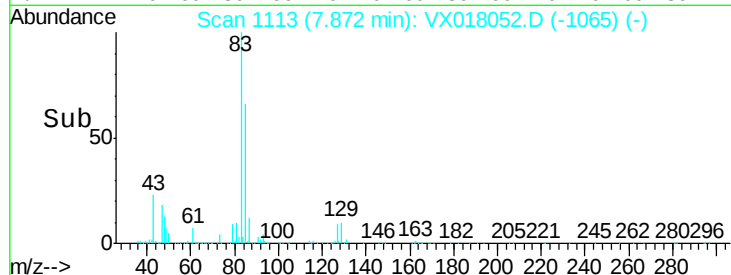
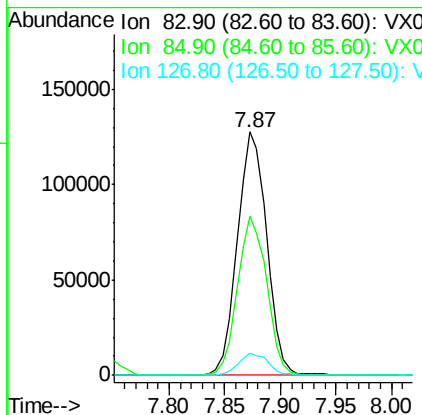
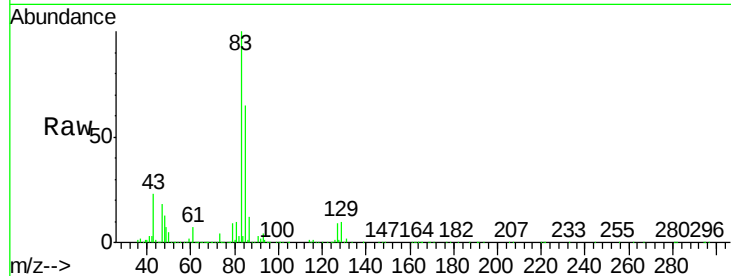
ClientSampleId :

VX0821WBS02

Tot Ion:	83	Resp:	233914
Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.8	77.6
127	9.2	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.586 ug/l

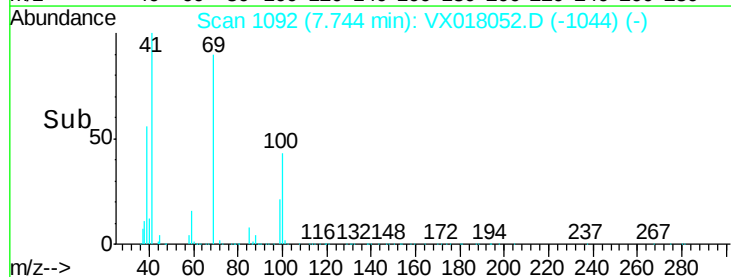
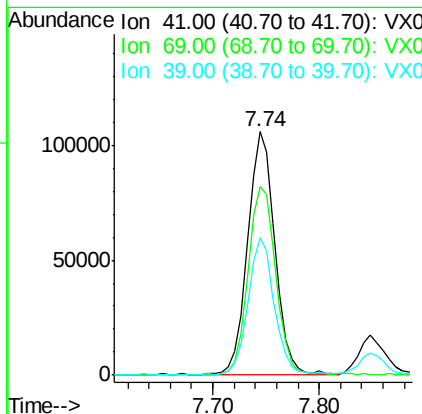
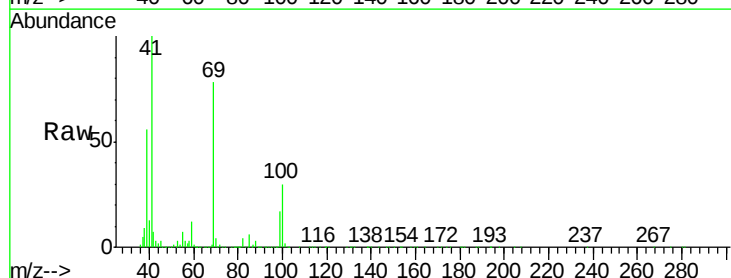
RT: 7.74 min Scan# 1092

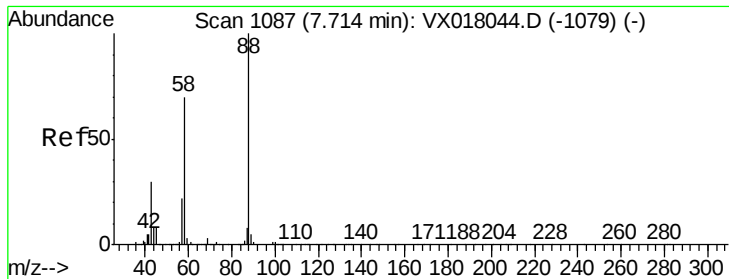
Delta R.T. -0.01 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Tgt Ion:	41	Resp:	188851
Ion	Ratio	Lower	Upper
41	100		
69	79.2	65.5	98.3
39	56.2	44.5	66.7





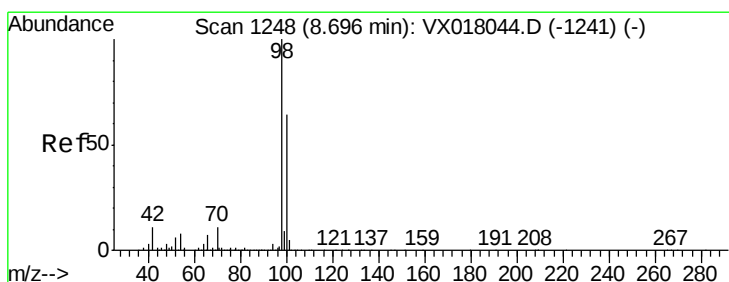
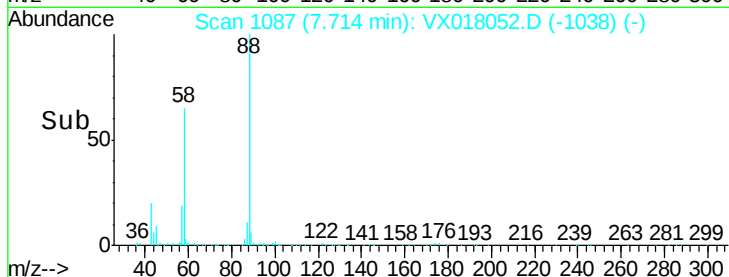
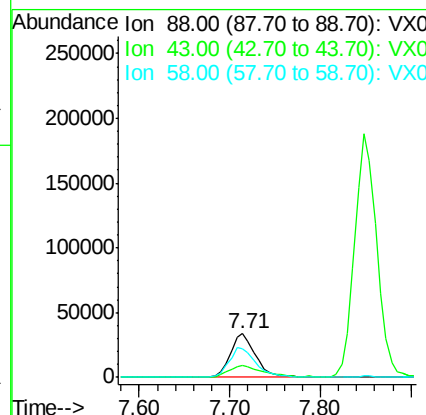
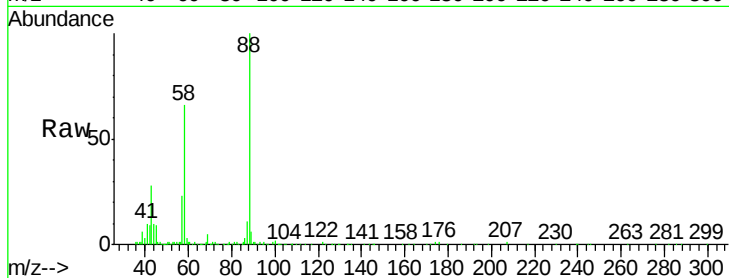
#49
1,4-Dioxane
Concen: 382.702 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.1	27.4	41.0
58	69.8	56.4	84.6

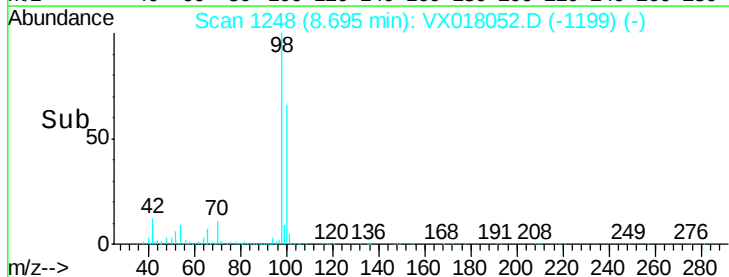
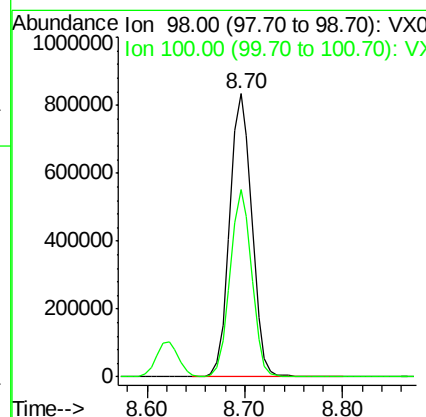
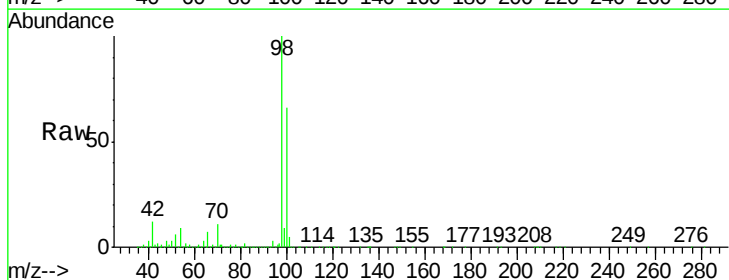
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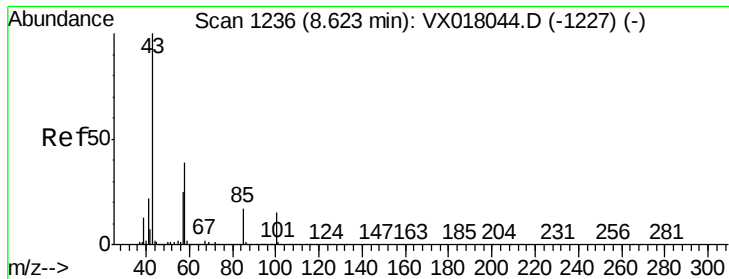
sam
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#50
Toluene-d8
Concen: 46.197 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 94.647 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

Tot Ion: 43 Resp: 1132420

Ion Ratio Lower Upper

43 100

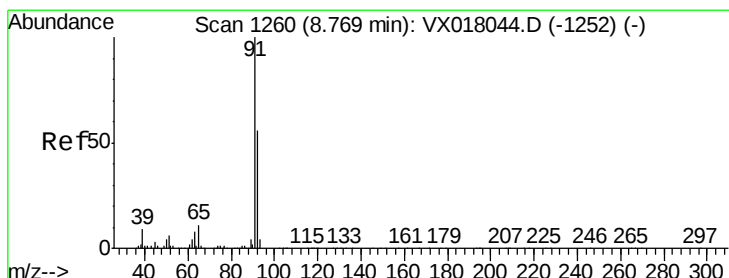
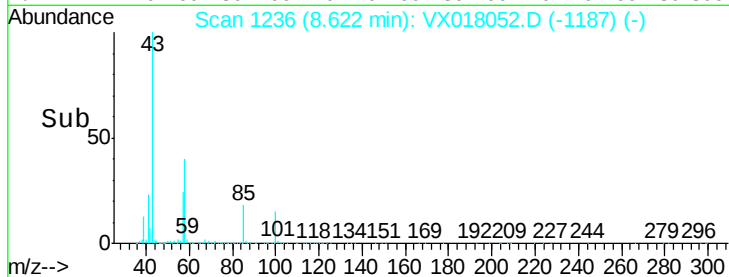
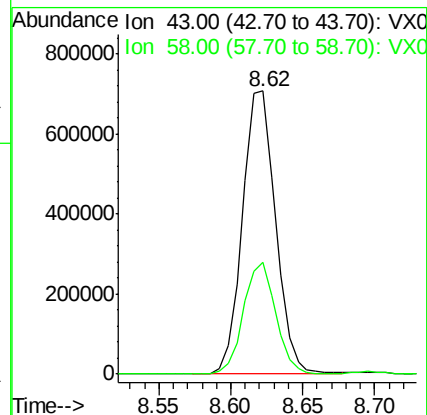
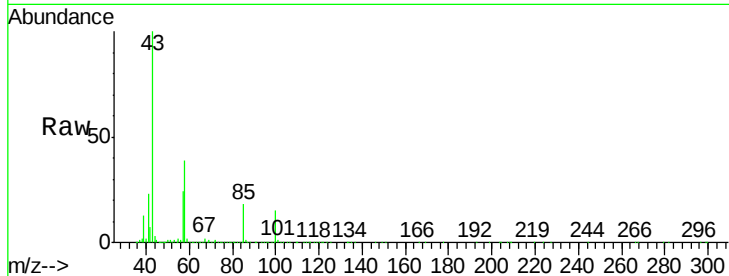
58 38.2 30.7 46.1

Manual Integrations

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#52

Toluene

Concen: 19.650 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018052.D

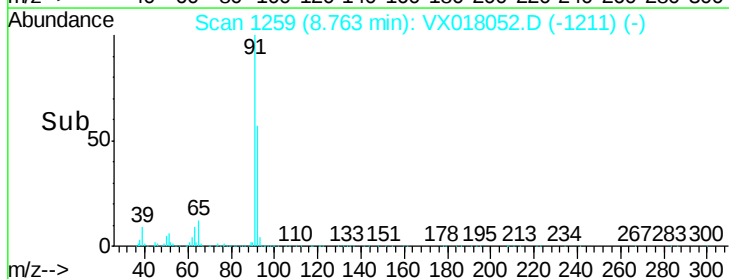
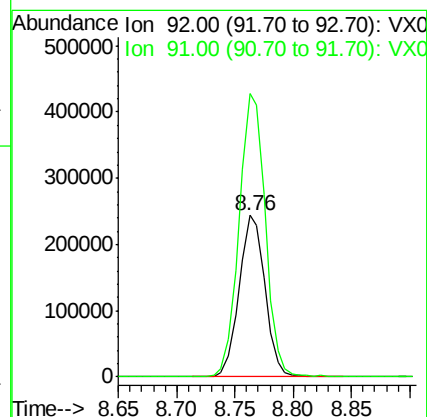
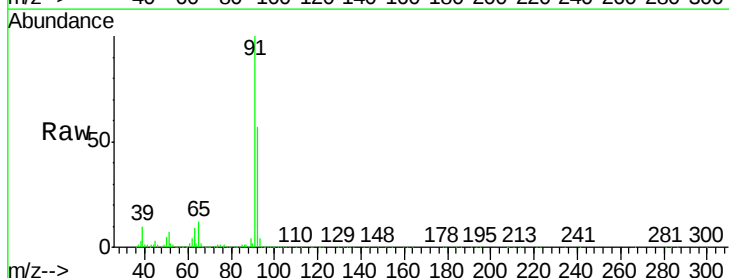
Acq: 21 Aug 2020 12:37

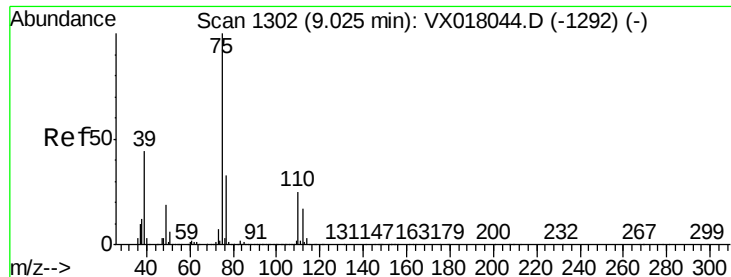
Tgt Ion: 92 Resp: 378025

Ion Ratio Lower Upper

92 100

91 178.4 140.3 210.5





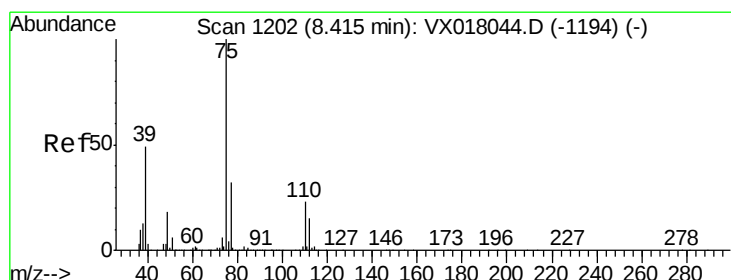
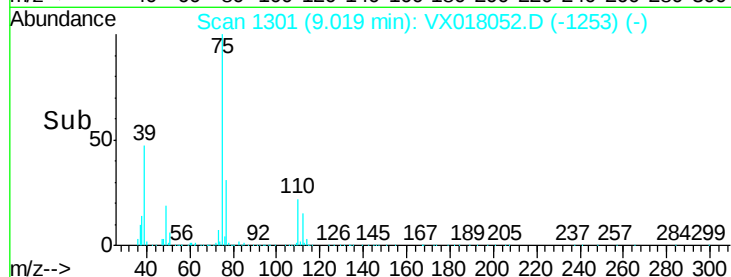
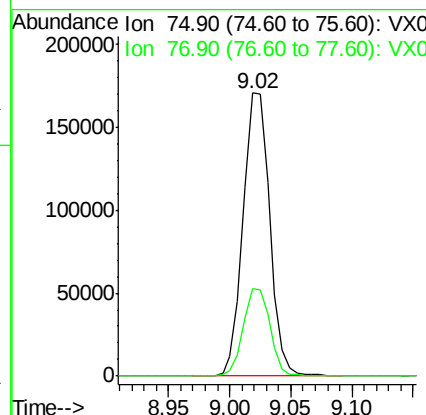
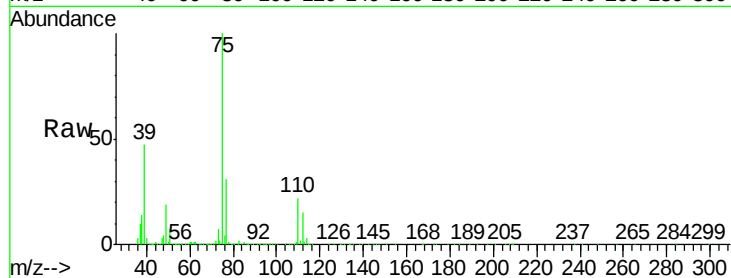
#53
t-1,3-Dichloropropene
Concen: 20.297 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	26.6	39.8

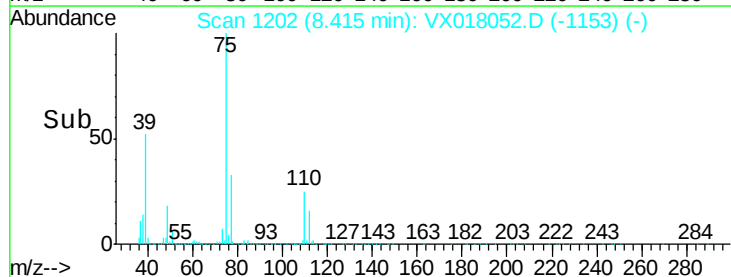
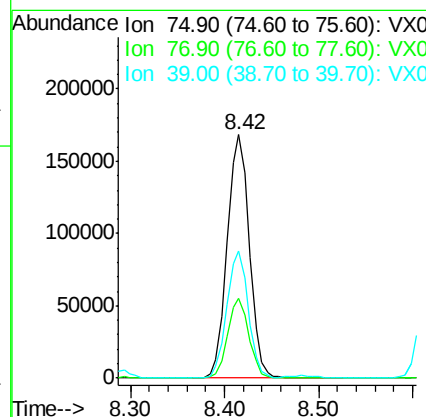
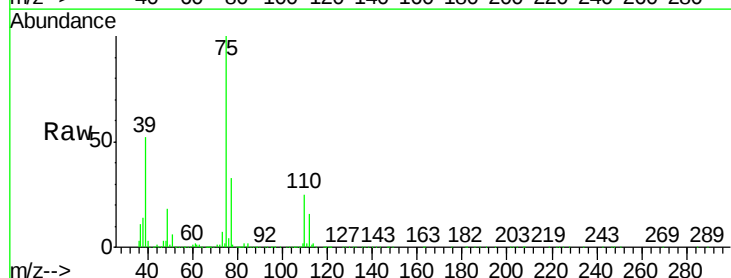
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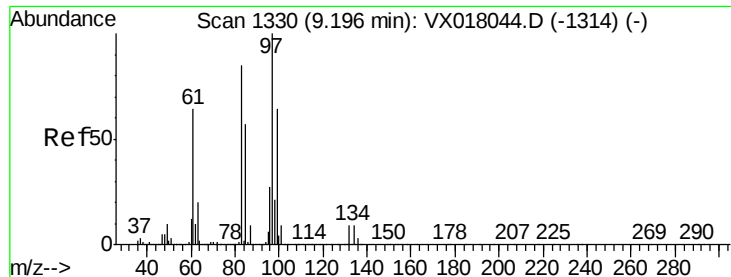
sam
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#54
cis-1,3-Dichloropropene
Concen: 20.385 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.8	38.8
39	51.8	38.8	58.2





#55

1,1,2-Trichloroethane

Concen: 19.371 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

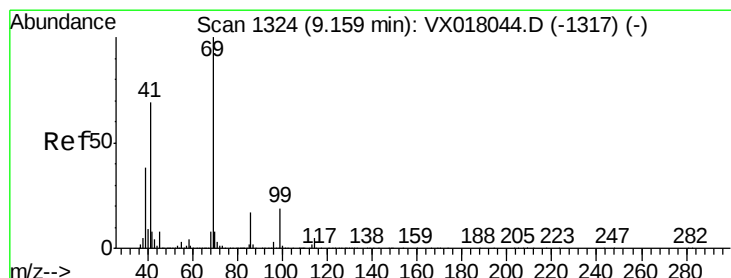
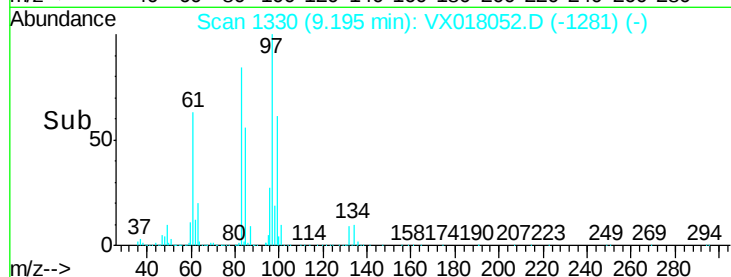
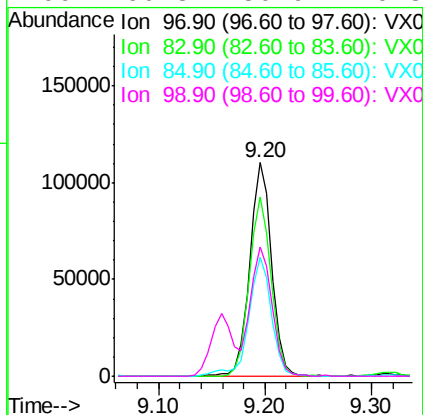
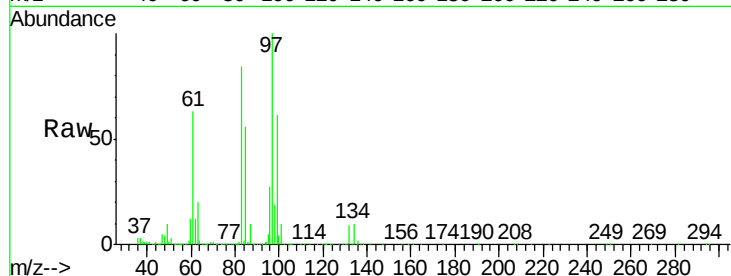
ClientSampleId :

VX0821WBS02

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.6	67.8	101.6
85	55.7	45.3	67.9
99	60.3	50.9	76.3

Manual Integrations
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#56

Ethyl methacrylate

Concen: 19.449 ug/l

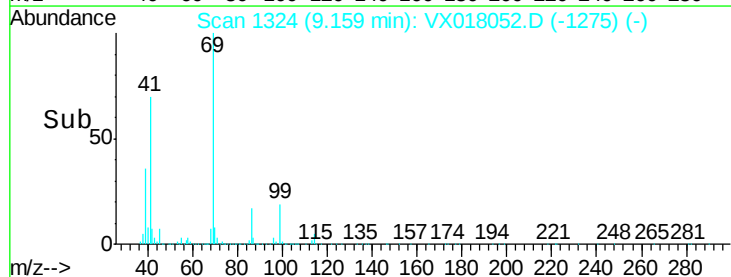
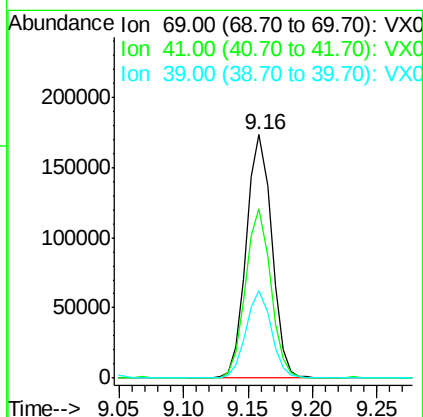
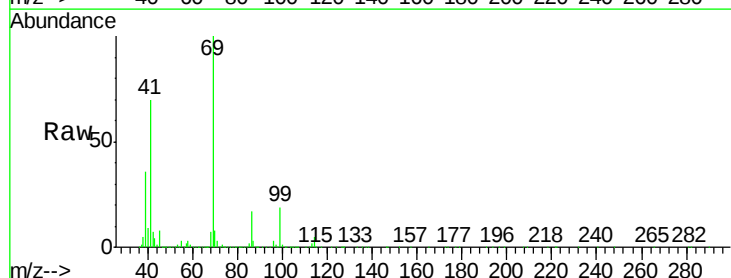
RT: 9.16 min Scan# 1324

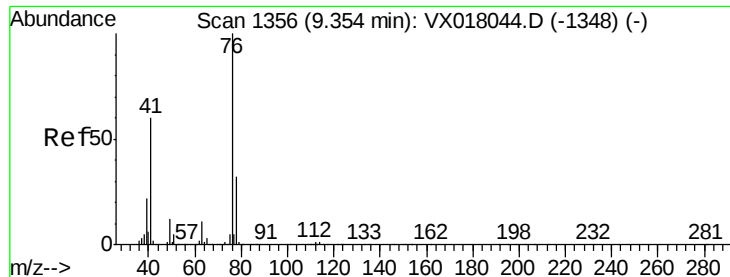
Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.3	54.6	81.8
39	35.3	29.1	43.7





#57

1,3-Dichloropropane

Concen: 19.433 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

Tot Ion: 76 Resp: 262980

Ion Ratio Lower Upper

76 100

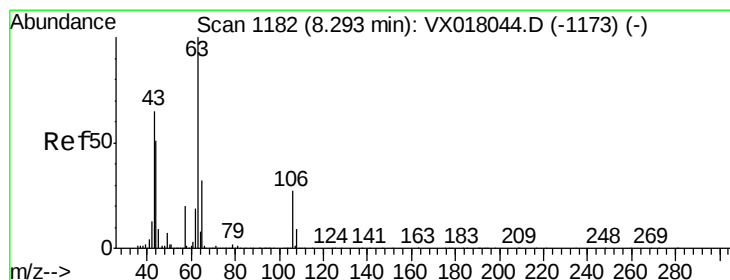
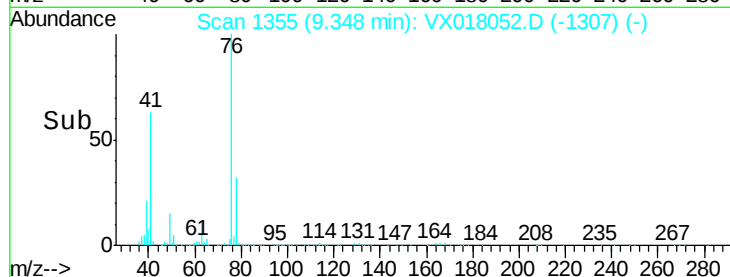
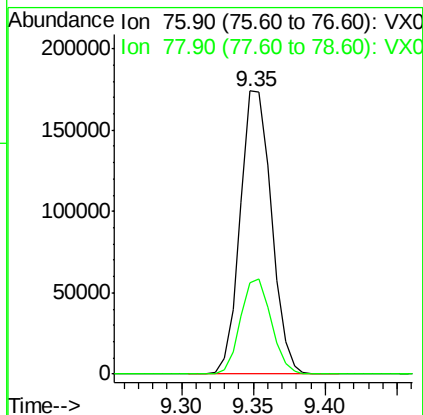
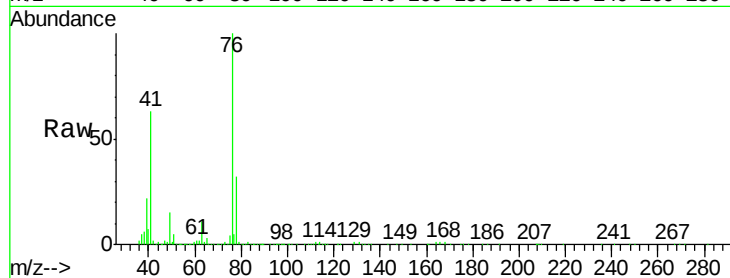
78 33.1 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 72.877 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018052.D

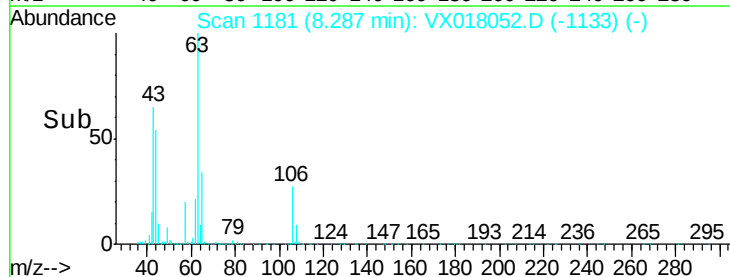
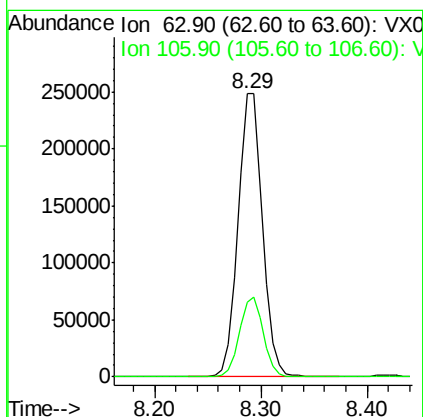
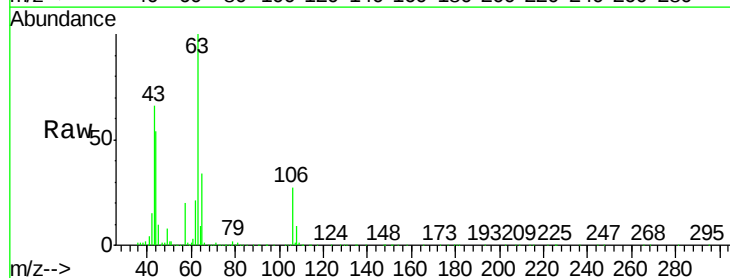
Acq: 21 Aug 2020 12:37

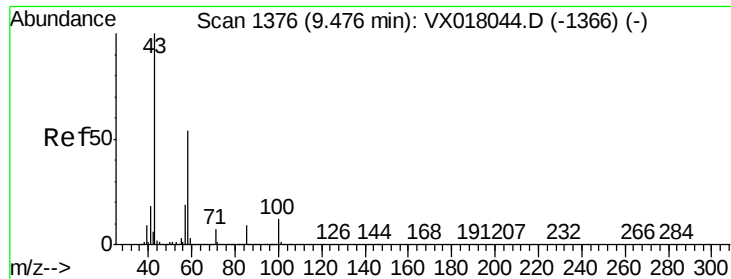
Tgt Ion: 63 Resp: 399877

Ion Ratio Lower Upper

63 100

106 27.5 22.1 33.1





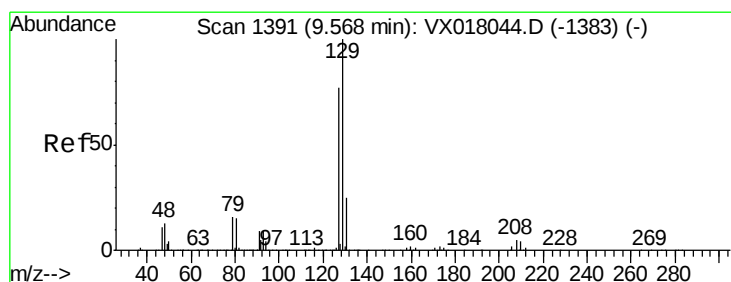
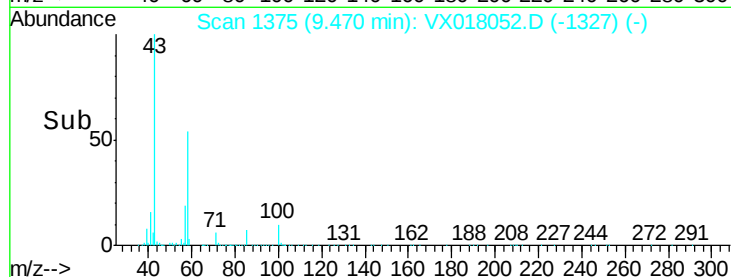
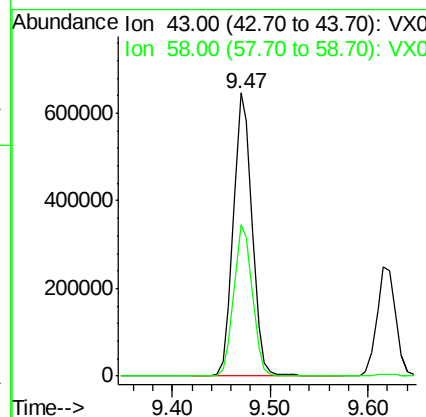
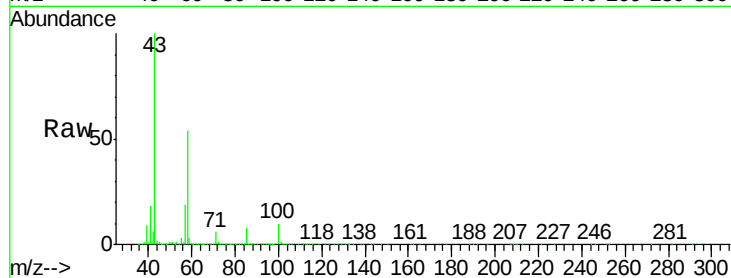
#59
2-Hexanone
Concen: 94.318 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

Tot Ion: 43 Resp: 858080
Ion Ratio Lower Upper
43 100
58 53.3 26.6 79.7

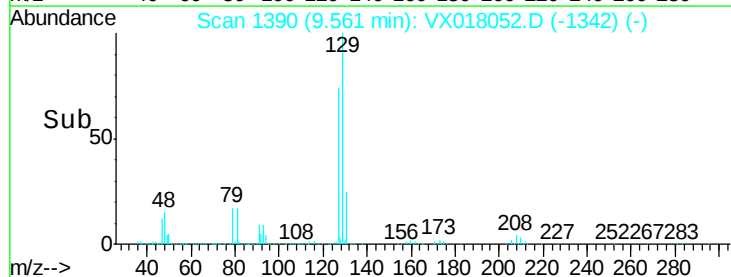
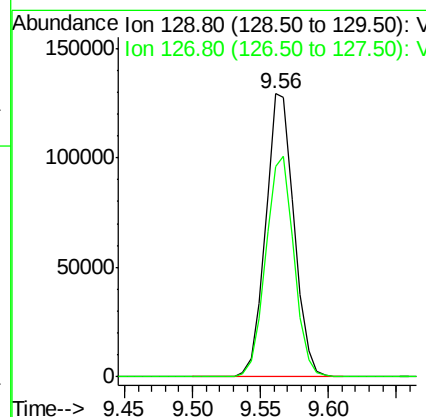
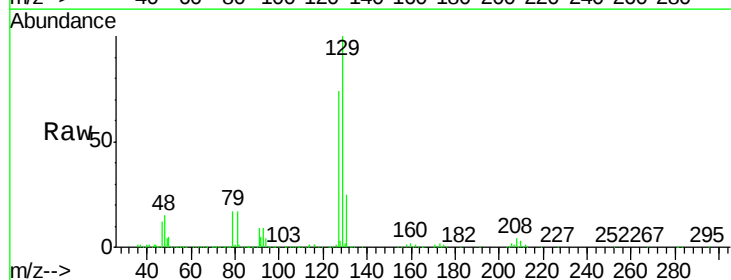
Manual Integrations
APPROVED

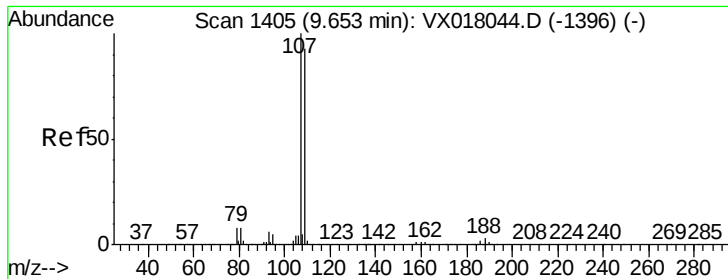
sam
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#60
Dibromochloromethane
Concen: 19.654 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Tgt Ion: 129 Resp: 189171
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.6





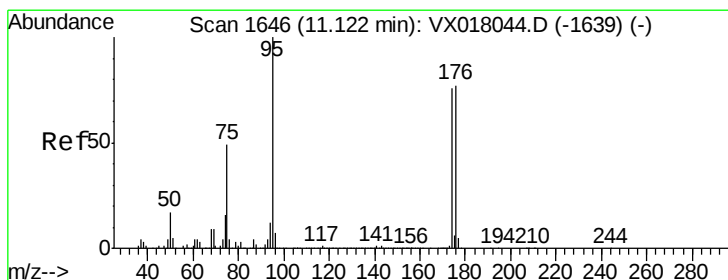
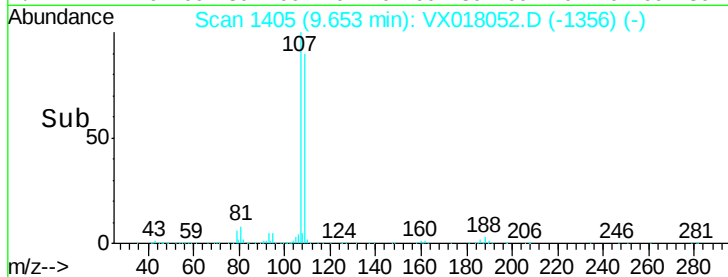
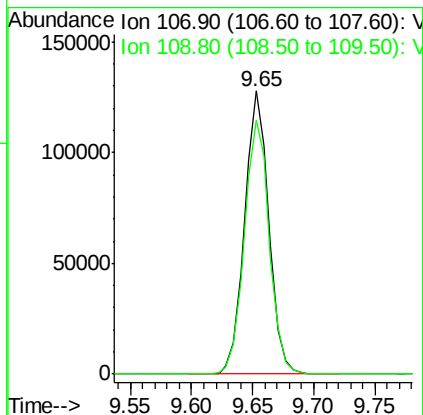
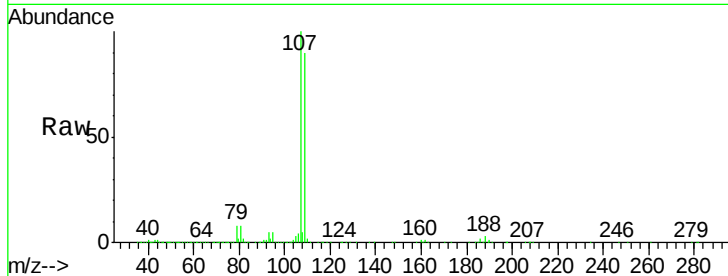
#61
 1,2-Dibromoethane
 Concen: 19.698 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX018052.D
 Acq: 21 Aug 2020 12:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS02

Tot Ion	Ratio	Resp	Lower	Upper
107	100	175470		
109	92.6	75.9	113.9	

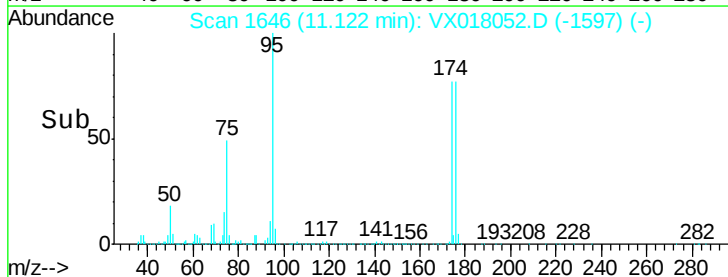
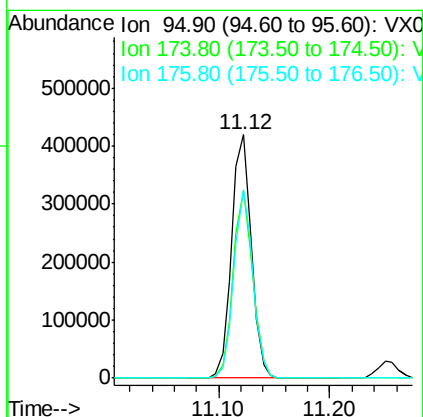
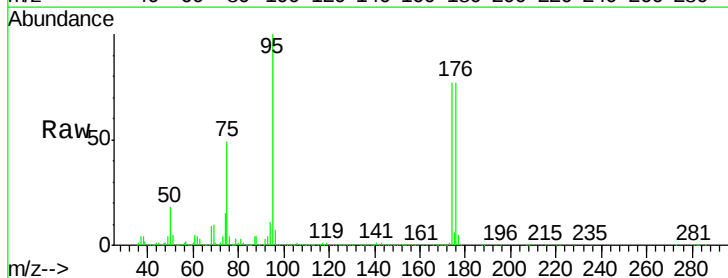
Manual Integrations
 APPROVED

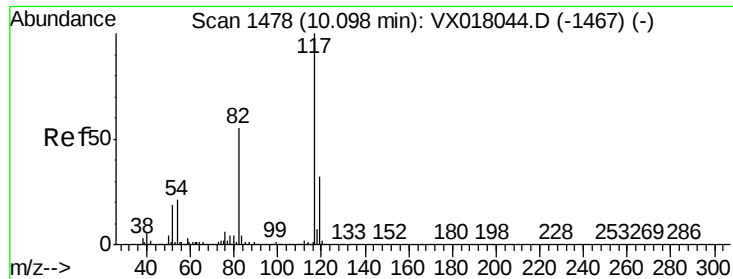
sam
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#62
 4-Bromofluorobenzene
 Concen: 46.109 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX018052.D
 Acq: 21 Aug 2020 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	515131		
174	76.4	0.0	160.2	
176	74.9	0.0	155.8	





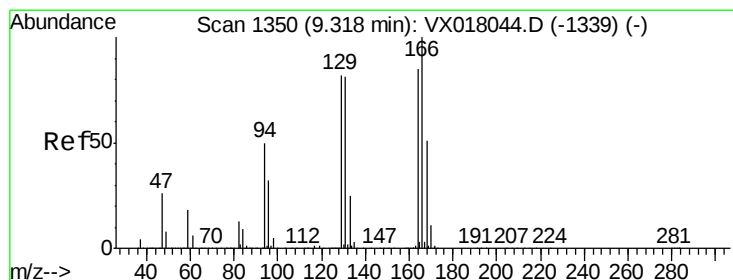
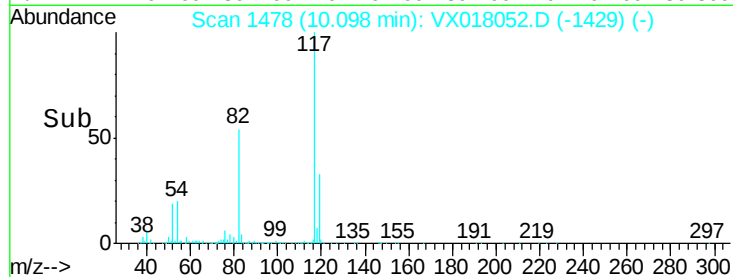
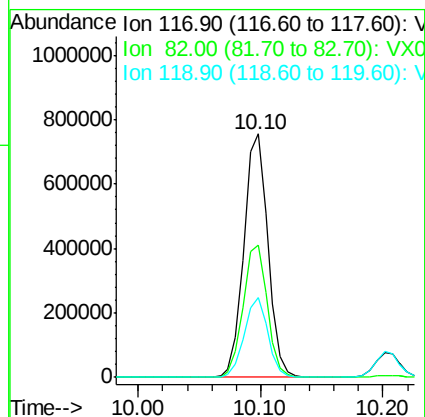
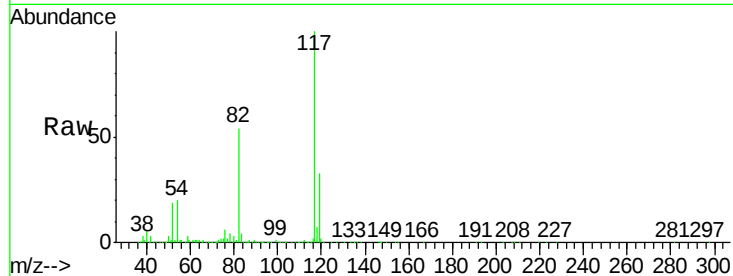
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.2	66.2
119	32.7	25.7	38.5

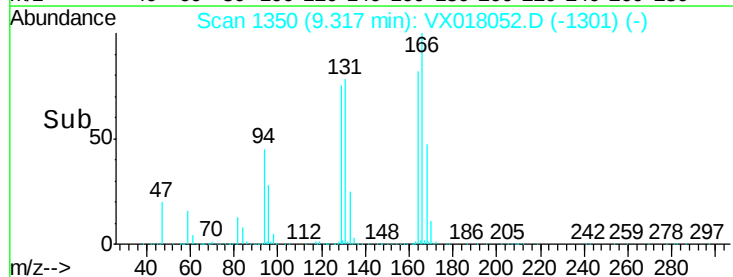
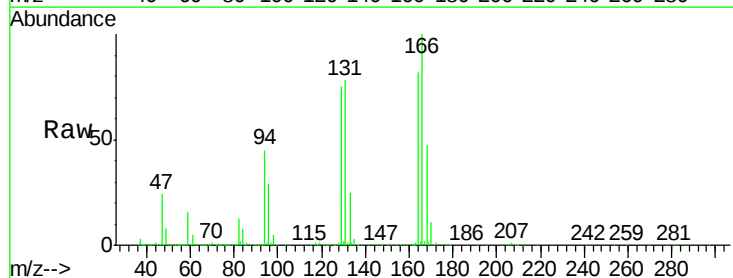
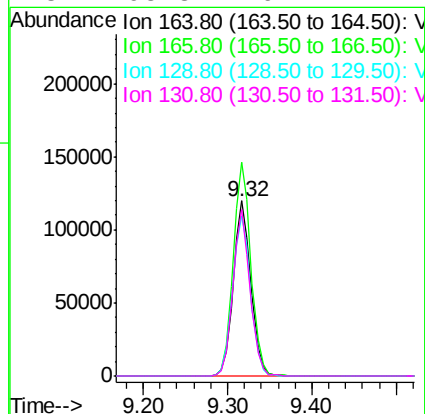
Manual Integrations
APPROVED

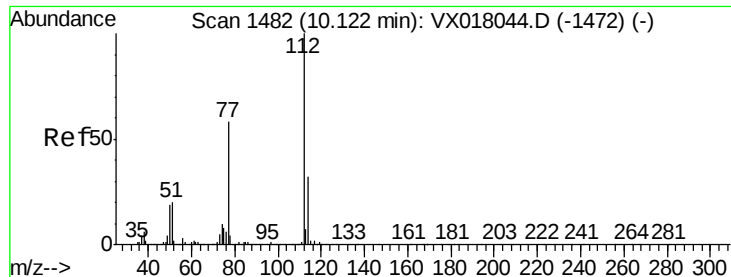
sam
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#64
Tetrachloroethene
Concen: 22.431 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.2	94.2	141.2
129	91.6	76.9	115.3
131	95.3	76.1	114.1





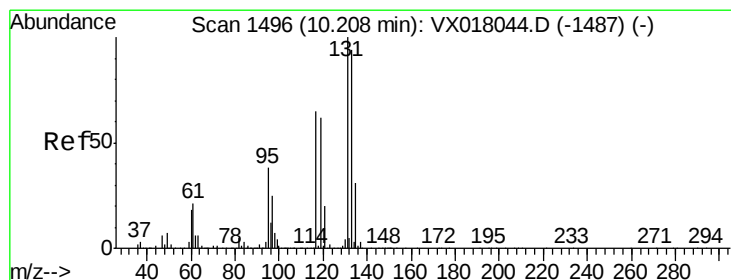
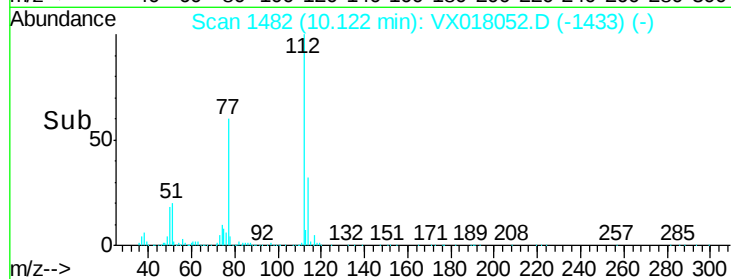
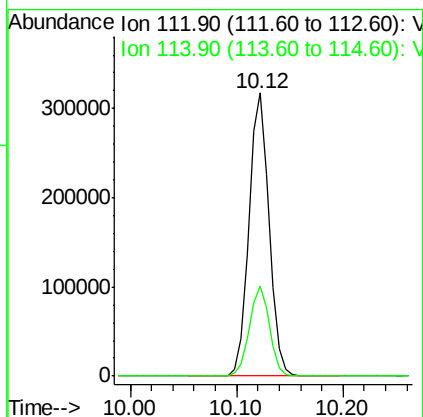
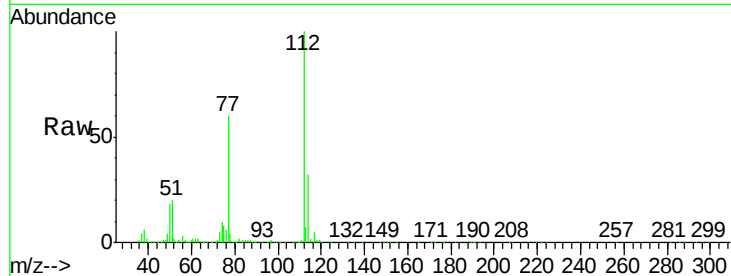
#65
Chlorobenzene
Concen: 20.525 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.7	38.5

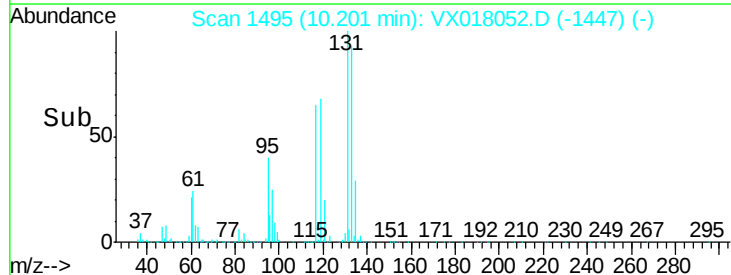
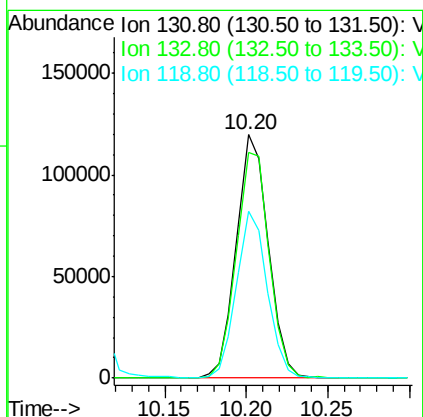
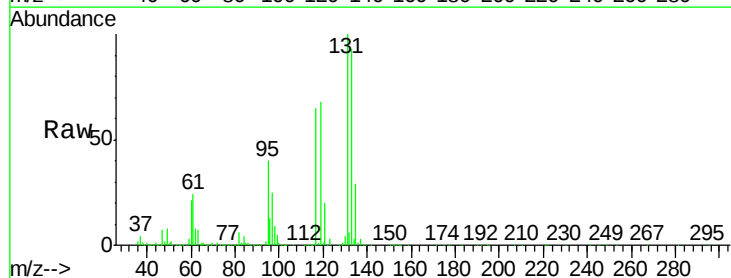
Manual Integrations
APPROVED

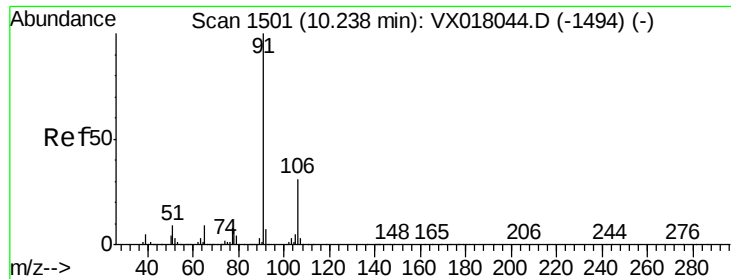
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.265 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.5	46.7	140.1
119	65.9	31.8	95.4





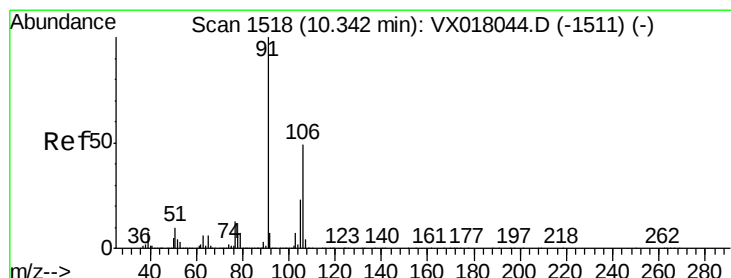
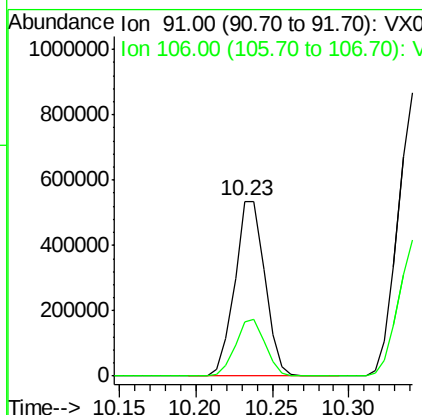
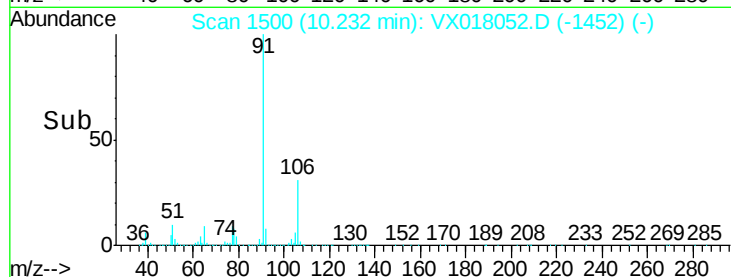
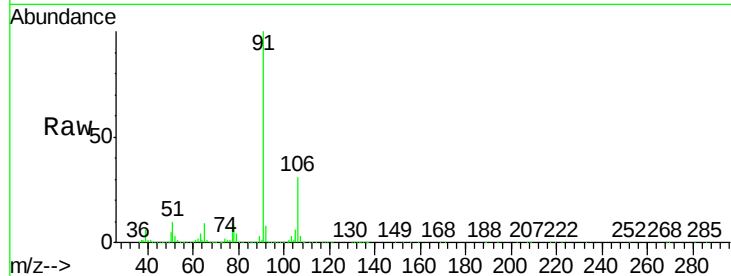
#67
Ethyl Benzene
Concen: 21.006 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

Tot Ion: 91 Resp: 733066
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3

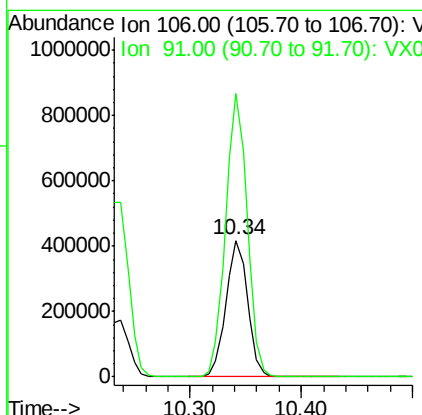
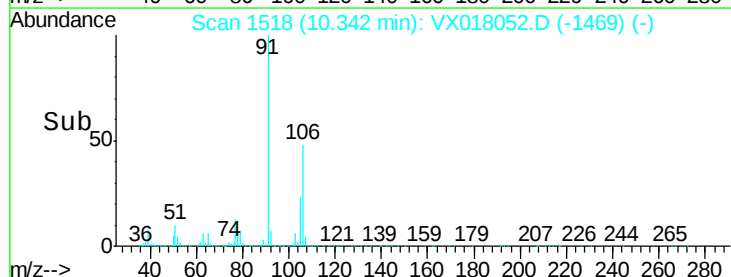
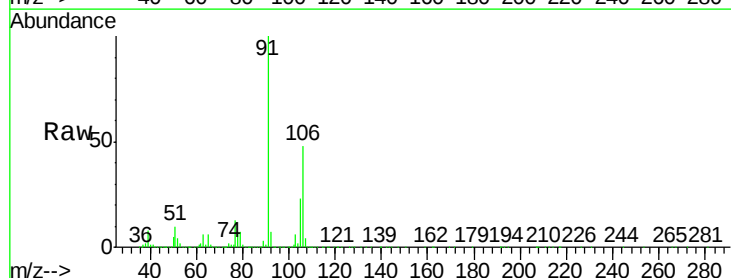
Manual Integrations
APPROVED

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#68
m/p-Xylenes
Concen: 43.328 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Tgt Ion: 106 Resp: 564383
Ion Ratio Lower Upper
106 100
91 206.8 162.2 243.2





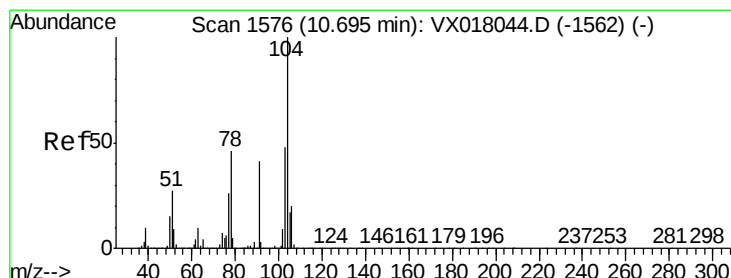
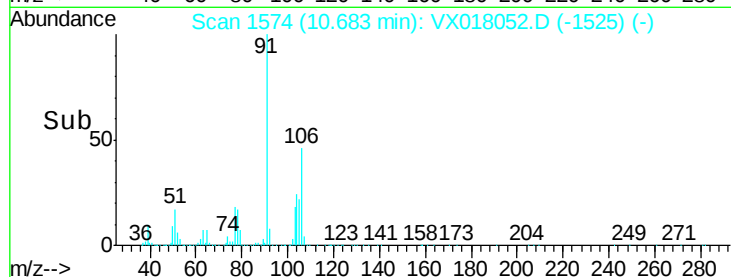
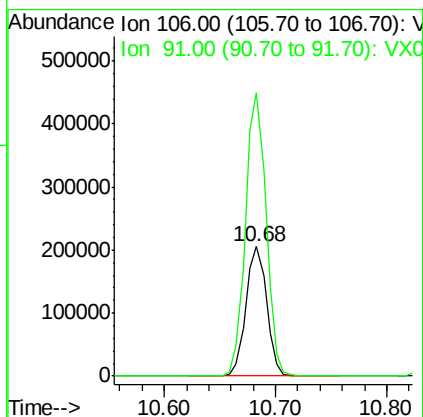
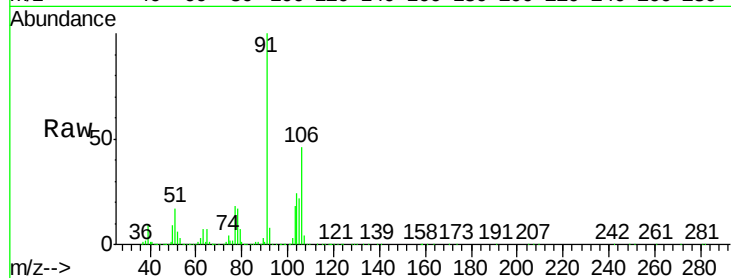
#69
o-Xylene
Concen: 21.131 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Instrument :
MSVOA_X
ClientSampled :
VX0821WBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	217.0	107.1	321.3

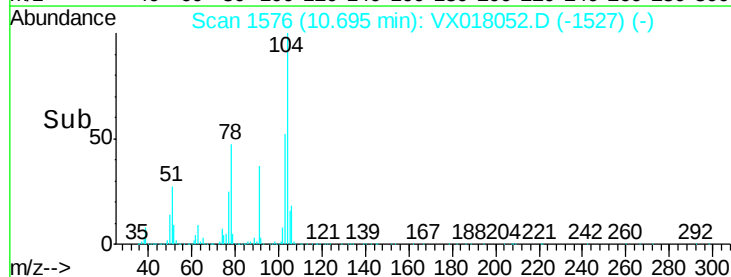
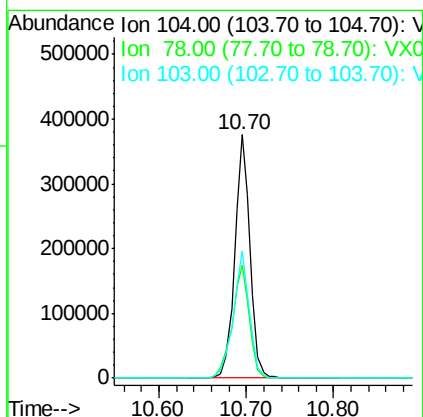
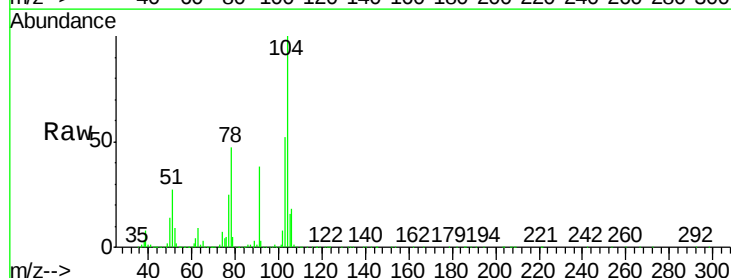
Manual Integrations
APPROVED

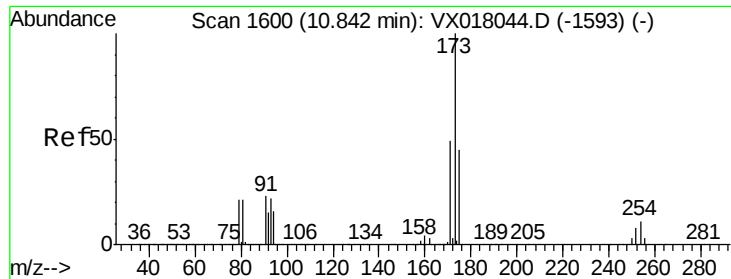
sam
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#70
Styrene
Concen: 21.290 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.7	40.9	61.3
103	55.0	43.6	65.4





#71

Bromoform

Concen: 20.041 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

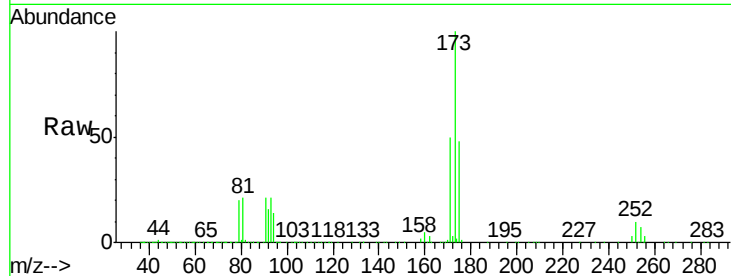
ClientSampleId :

VX0821WBS02

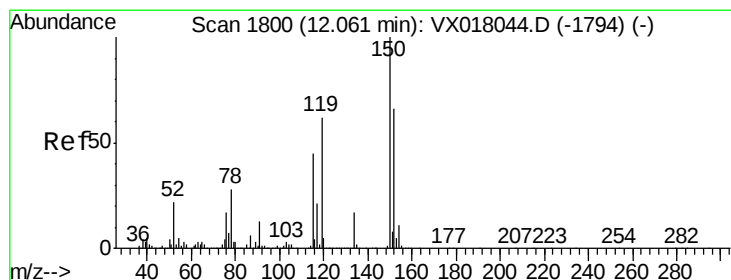
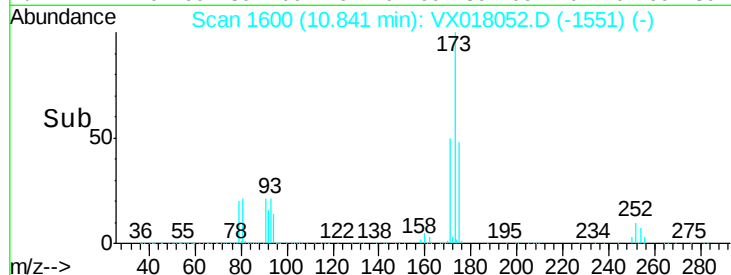
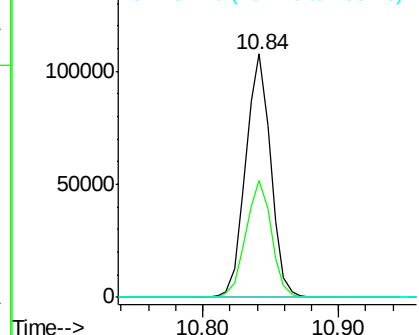
Tot Ion:	173	Resp:	138258
Ion Ratio	Lower	Upper	
173	100		
175	49.1	23.9	71.8
254	0.2	0.2	0.2

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

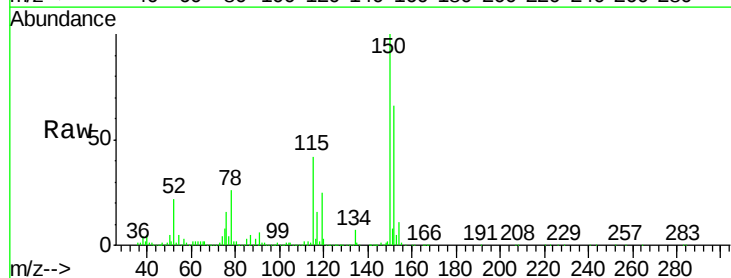
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

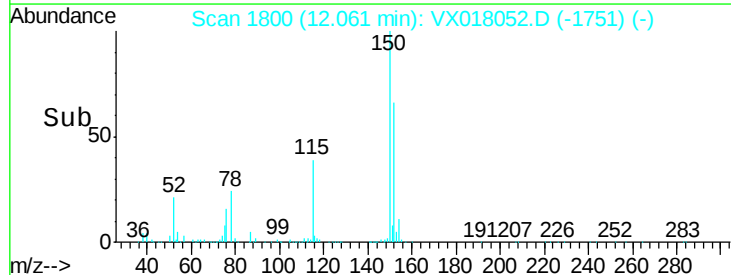
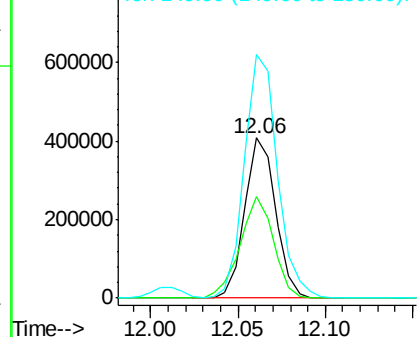
Lab File: VX018052.D

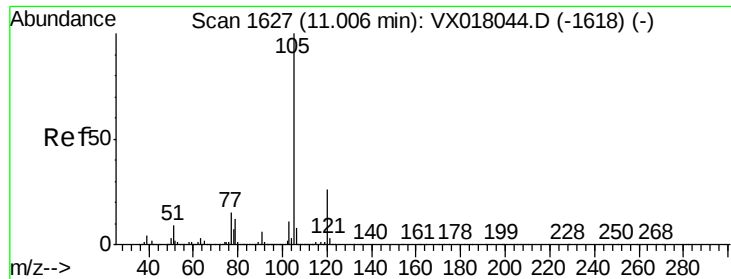
Acq: 21 Aug 2020 12:37

Tgt Ion:	152	Resp:	500643
Ion Ratio	Lower	Upper	
152	100		
115	68.5	41.5	124.5
150	163.3	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: 21.171 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

Tot Ion: 105 Resp: 699141

Ion Ratio Lower Upper

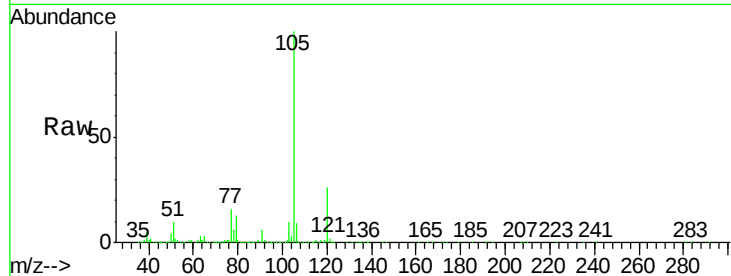
105 100

120 27.3 13.2 39.5

Manual Integrations
APPROVED

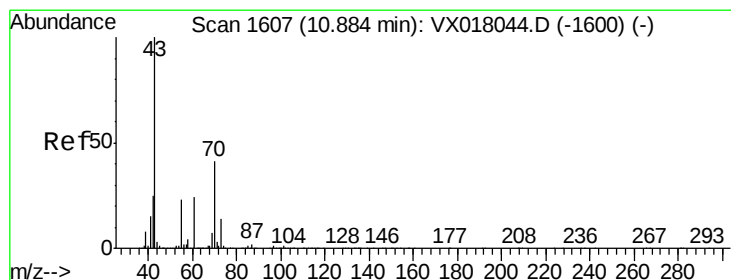
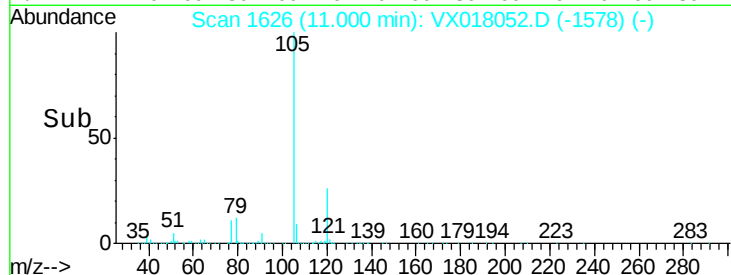
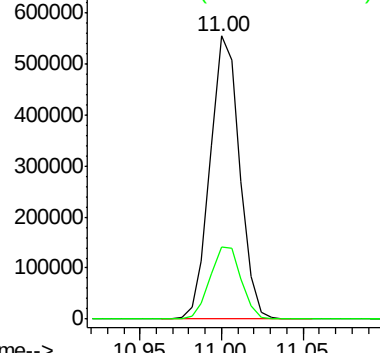
Sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.931 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Tgt Ion: 43 Resp: 312287

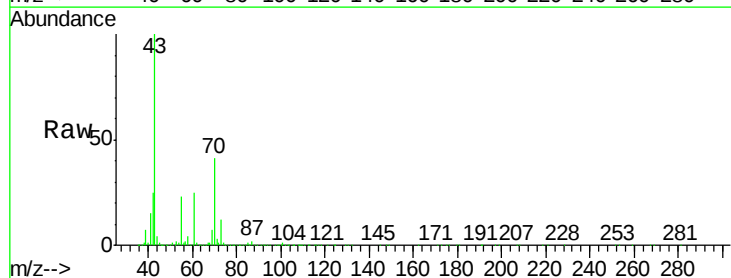
Ion Ratio Lower Upper

43 100

70 40.8 32.3 48.5

55 23.7 18.2 27.2

61 24.2 18.9 28.3

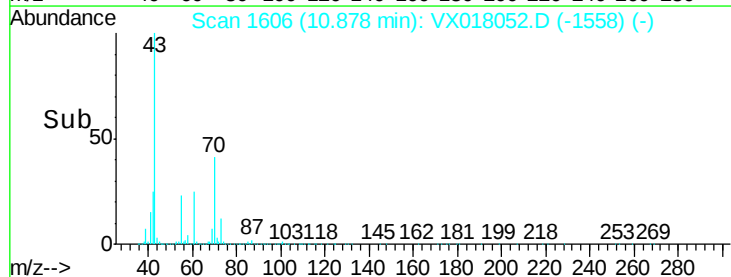
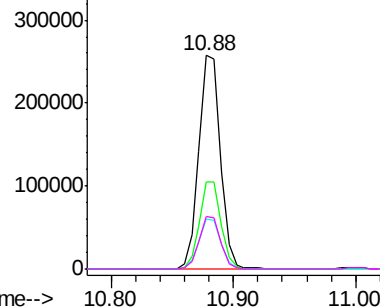


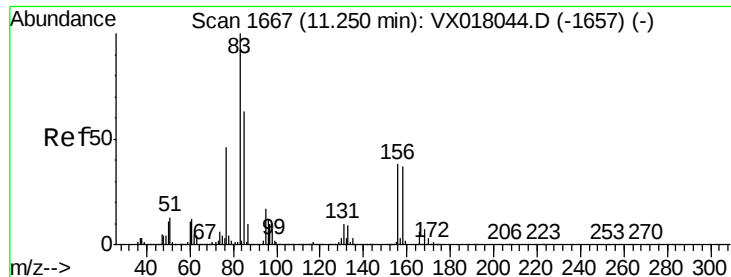
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.109 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

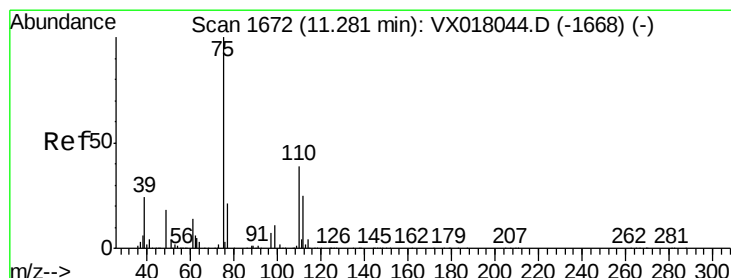
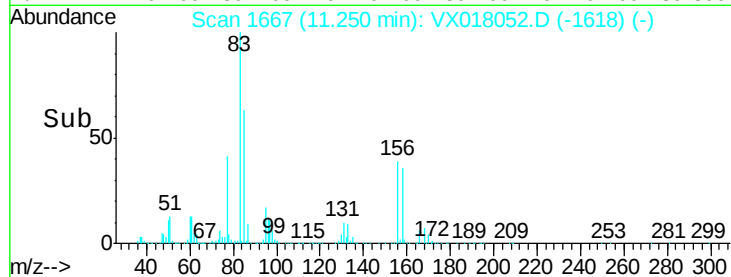
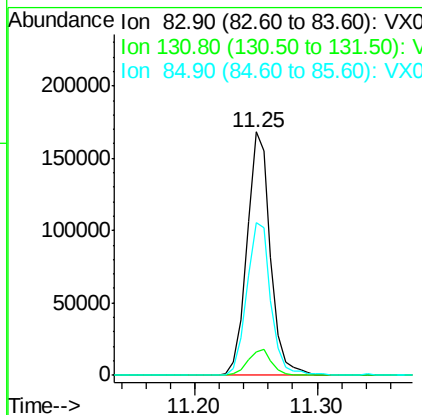
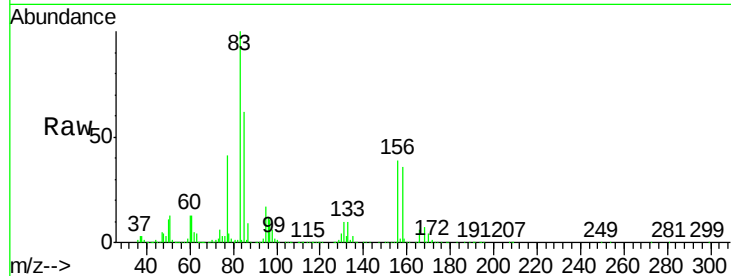
ClientSampleId :

VX0821WBS02

Tot Ion:	83	Resp:	222607
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.1	15.4
85	64.9	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.197 ug/l m

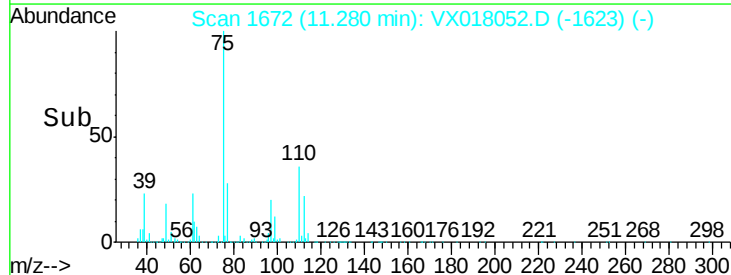
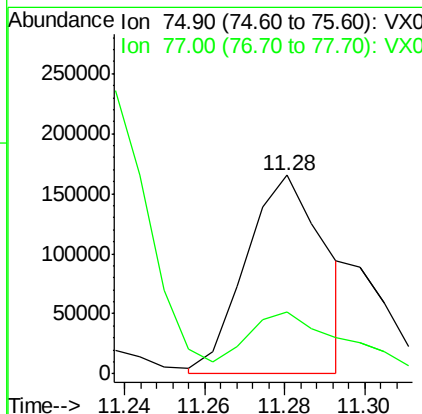
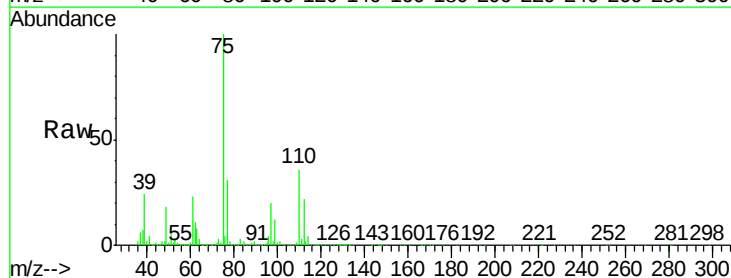
RT: 11.28 min Scan# 1672

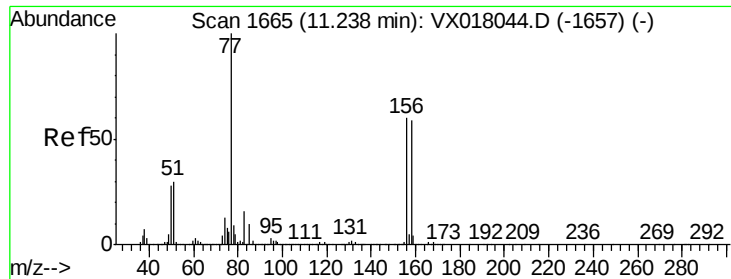
Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Tgt Ion:	75	Resp:	224935
Ion Ratio	Lower	Upper	
75	100		
77	39.3	20.8	62.2





#77

Bromobenzene

Concen: 20.548 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

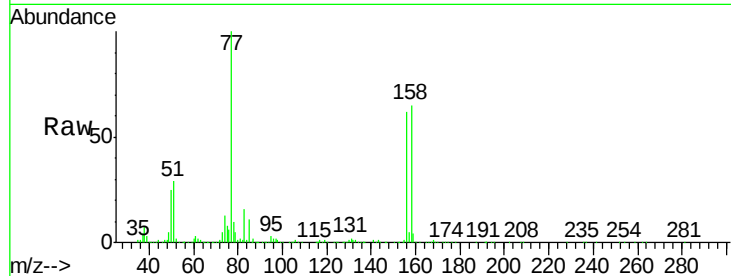
ClientSampleId :

VX0821WBS02

Tot Ion:	156	Resp:	187569
Ion Ratio	Lower	Upper	
156	100		
77	158.7	80.0	240.2
158	101.4	49.5	148.7

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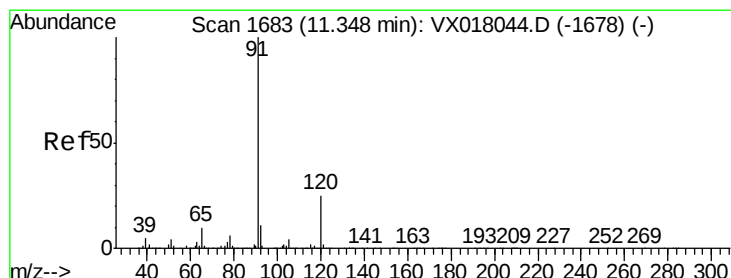
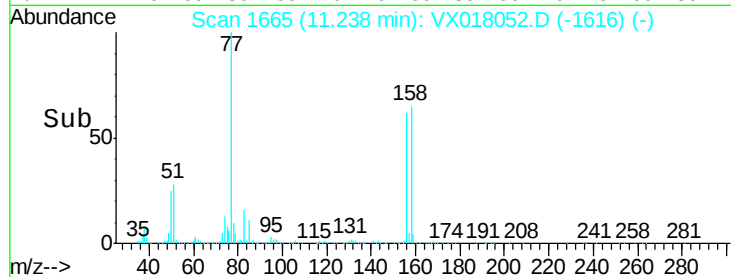
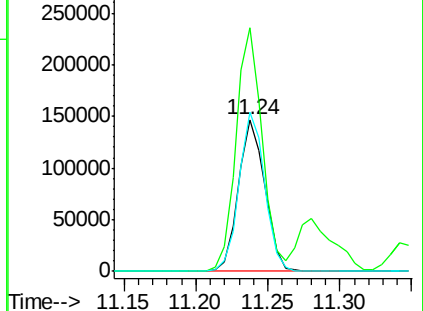
Sam
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.759 ug/l

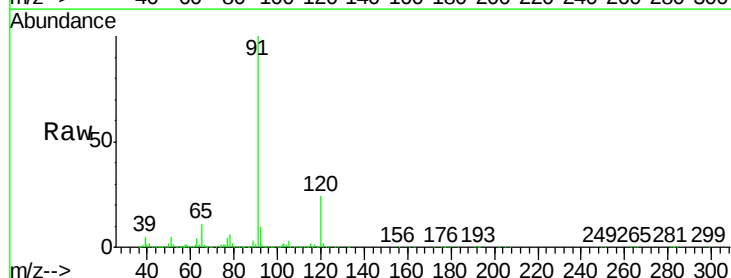
RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018052.D

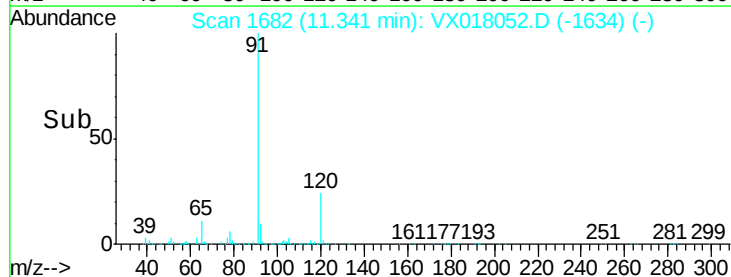
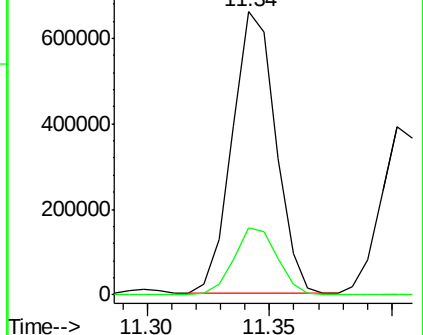
Acq: 21 Aug 2020 12:37

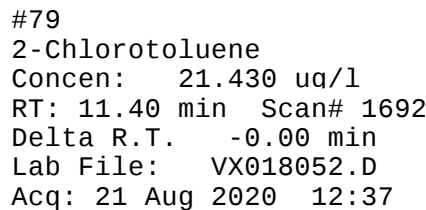
Tgt Ion:	91	Resp:	815875
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.9	35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



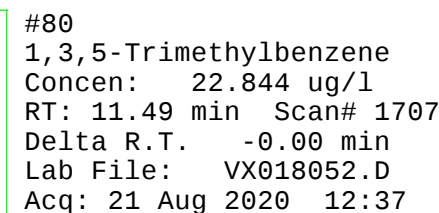
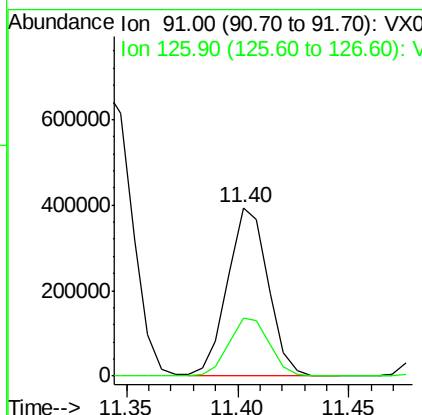


Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

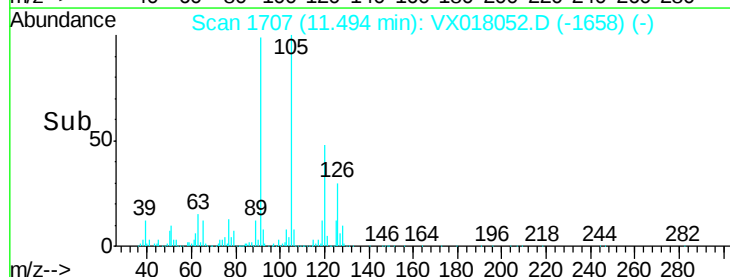
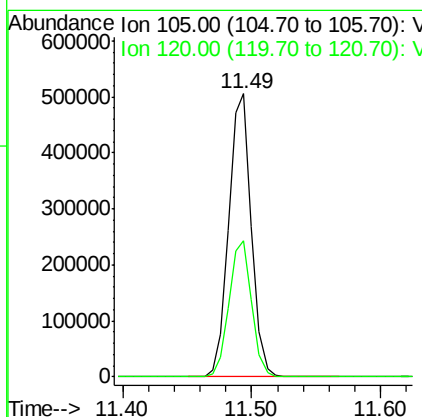
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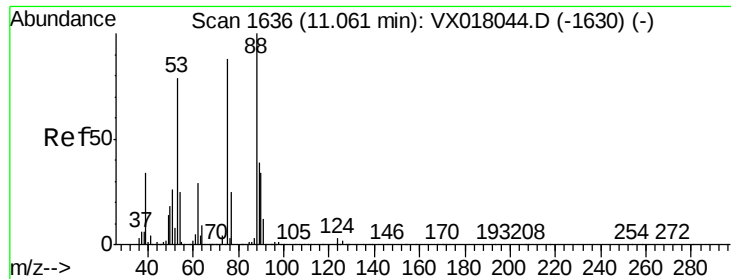
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Tot	Ion: 91	Resp:	496450
Ion	Ratio	Lower	Upper
91	100		
126	34.9	17.4	52.2



Tgt	Ion:105	Resp:	619910
Ion	Ratio	Lower	Upper
105	100		
120	48.4	24.1	72.2





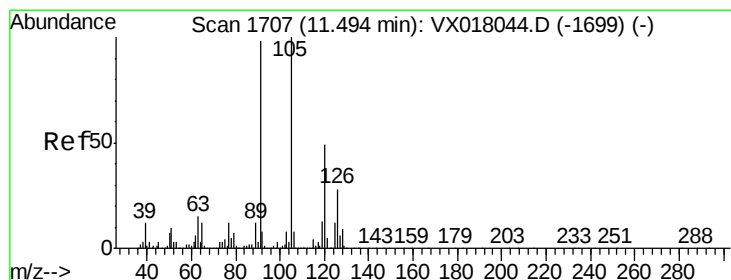
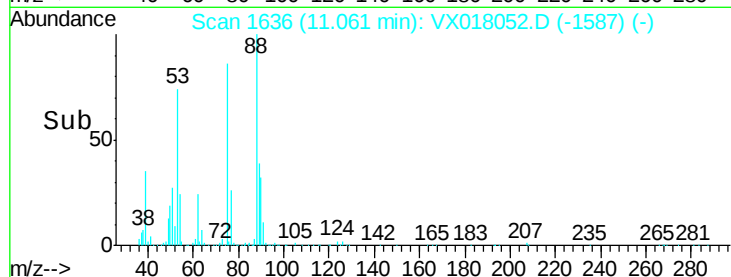
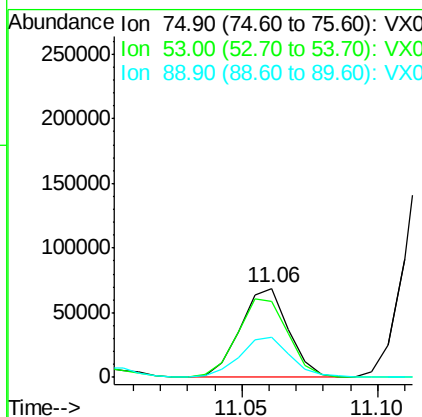
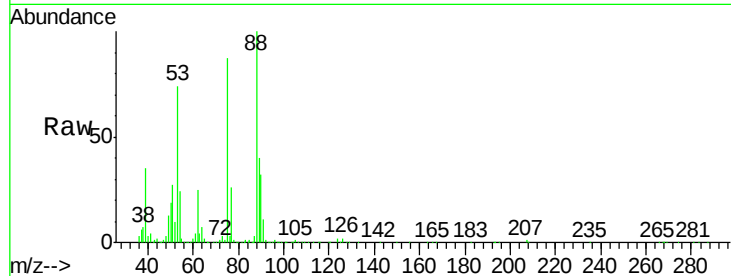
#81
trans-1,4-Dichloro-2-butene
Concen: 20.414 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.4	74.7	112.1
89	48.7	36.6	54.8

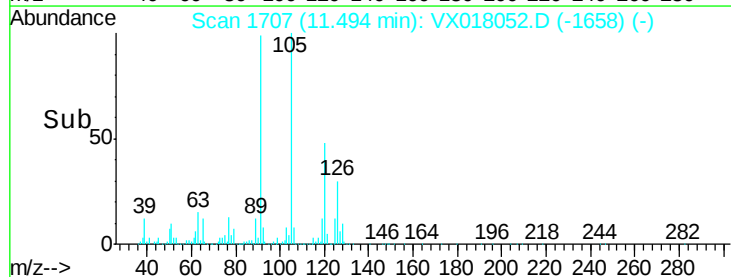
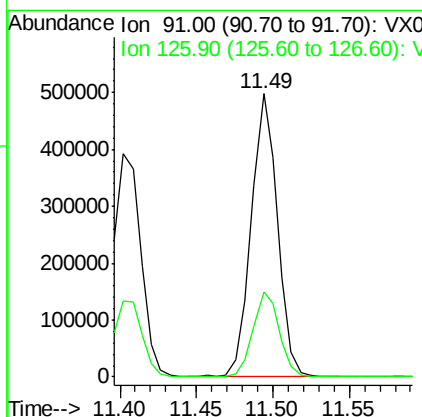
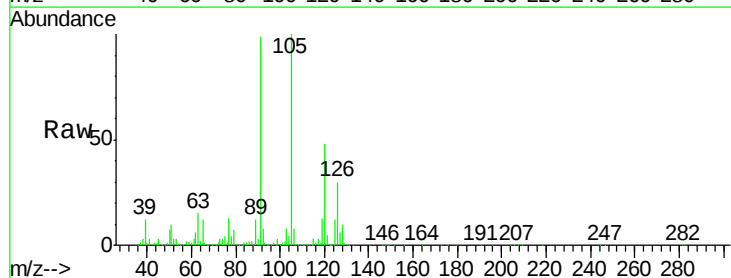
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#82
4-Chlorotoluene
Concen: 21.434 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.1	45.3





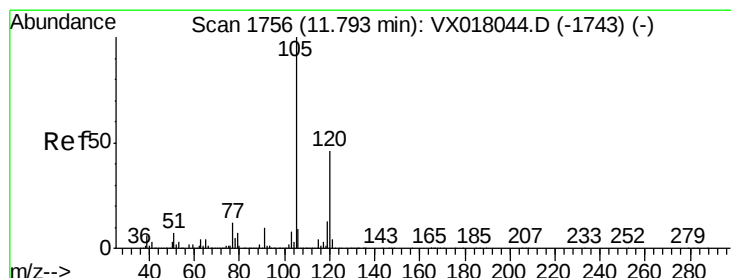
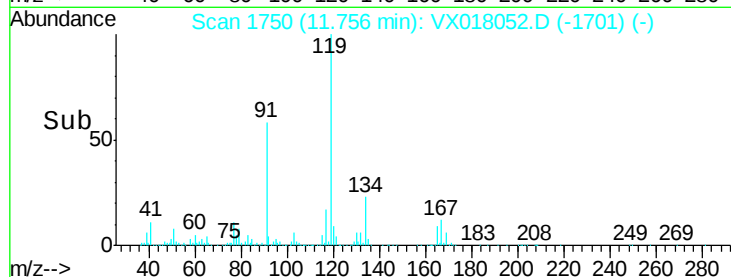
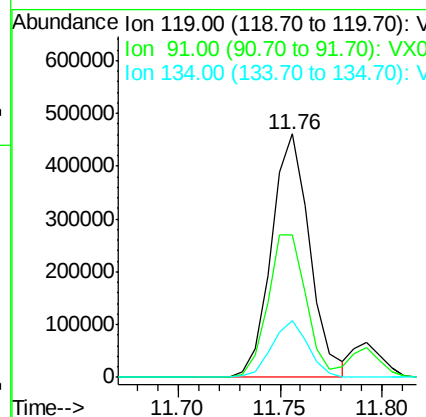
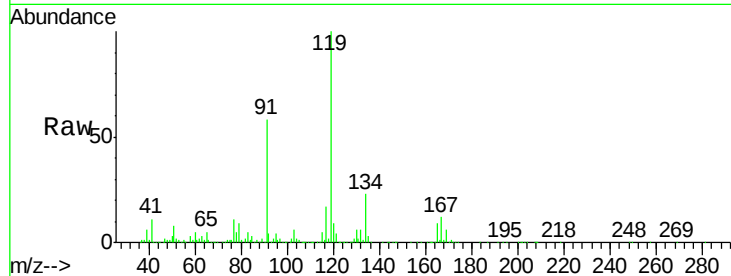
#83
 tert-Butylbenzene
 Concen: 22.560 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018052.D
 Acq: 21 Aug 2020 12:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	604156		
91	58.1	28.2	84.7	
134	22.0	11.3	33.8	

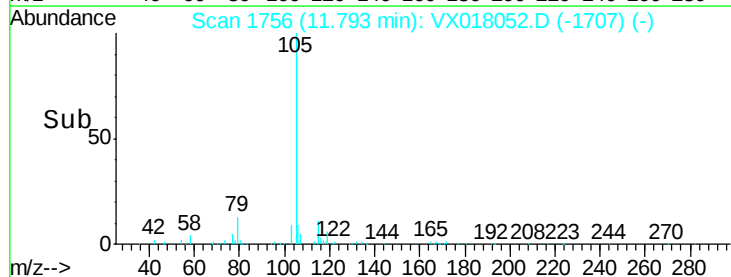
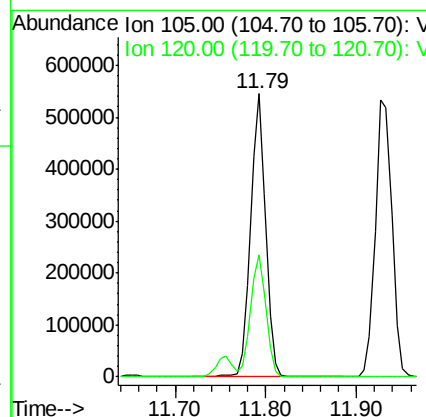
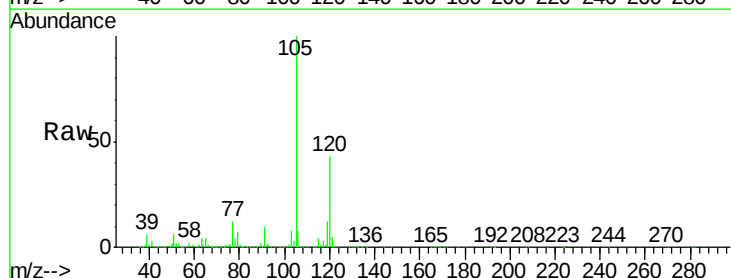
Manual Integrations
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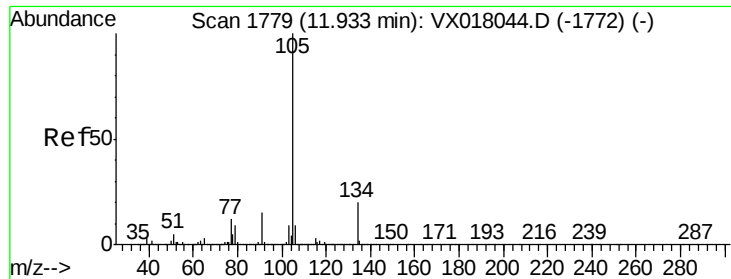
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#84
 1,2,4-Trimethylbenzene
 Concen: 22.599 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018052.D
 Acq: 21 Aug 2020 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	626988		
120	44.1	22.3	66.9	





#85

sec-Butylbenzene

Concen: 22.334 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

Tot Ion:105 Resp: 680187

Ion Ratio Lower Upper

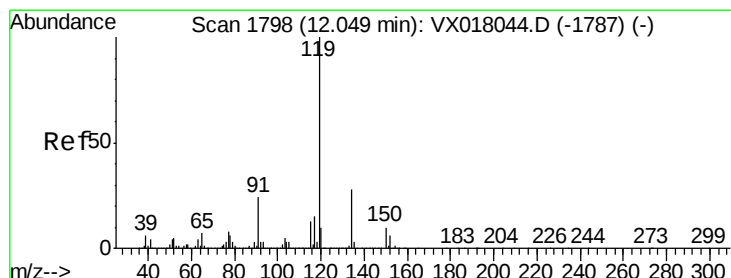
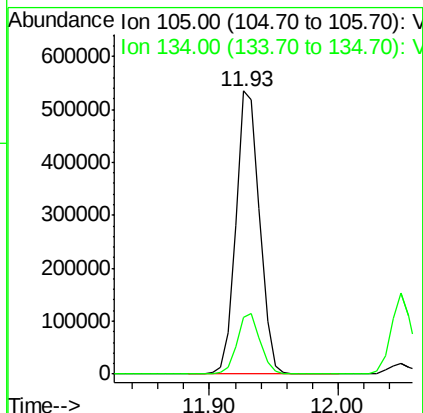
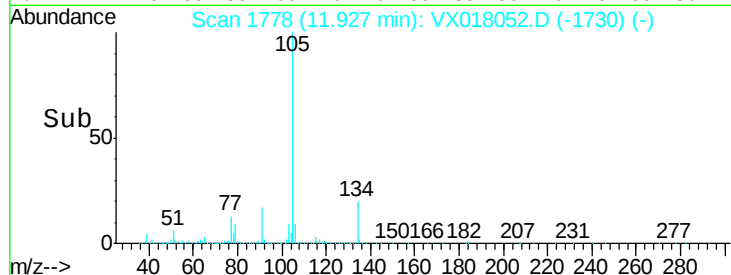
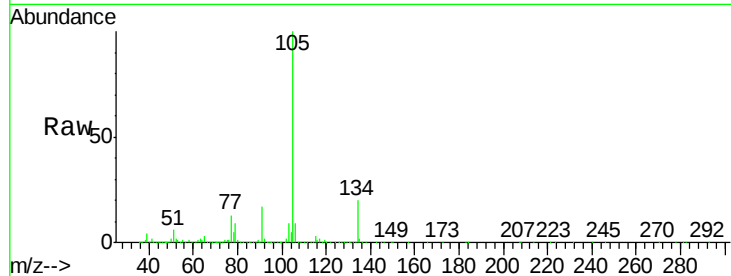
105 100

134 20.8 10.1 30.3

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#86

p-Isopropyltoluene

Concen: 22.795 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

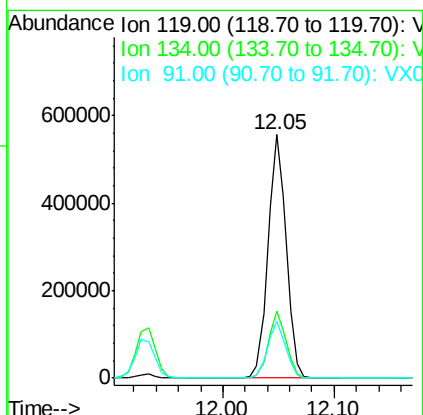
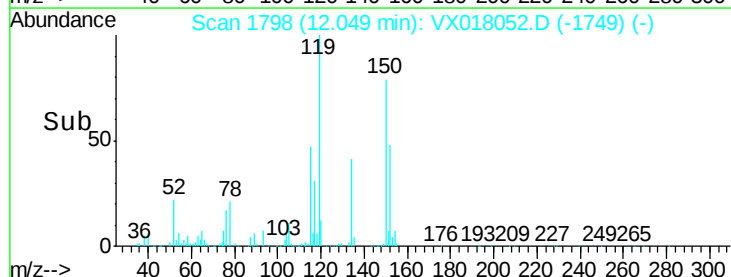
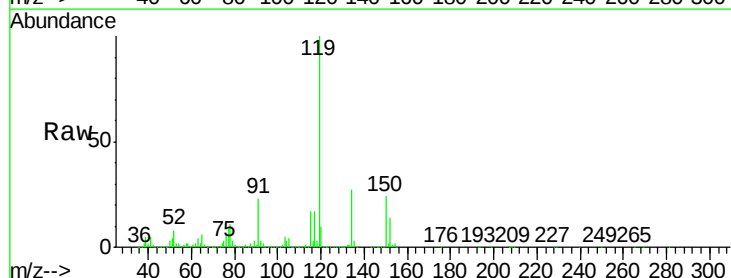
Tgt Ion:119 Resp: 637674

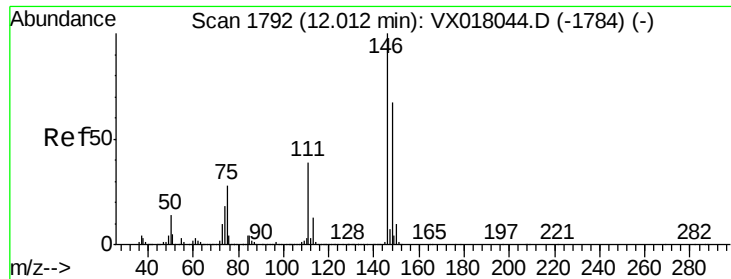
Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.5

91 23.4 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 20.534 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

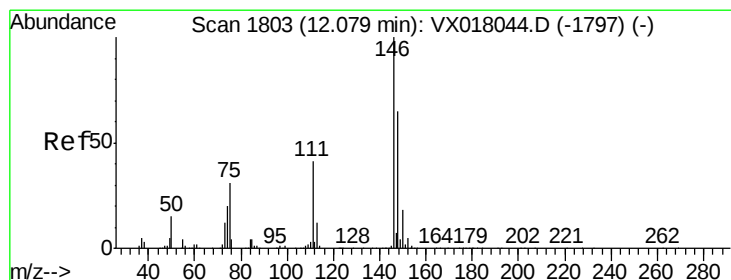
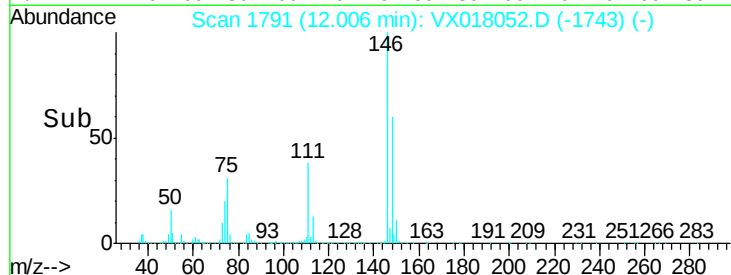
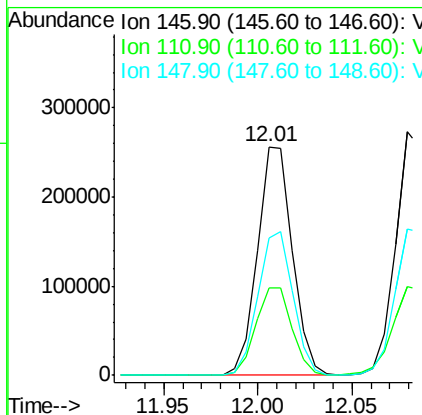
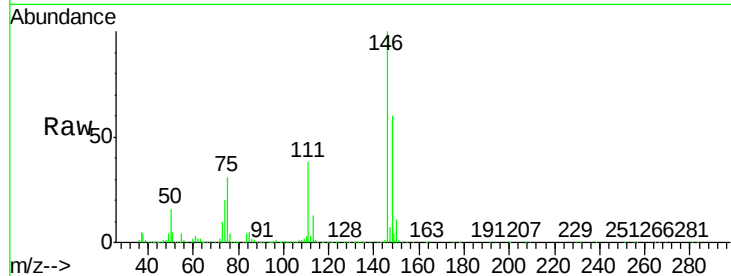
ClientSampleId :

VX0821WBS02

Tot Ion:	146	Resp:	329083
Ion Ratio	Lower	Upper	
146	100		
111	40.1	20.6	61.8
148	63.6	33.1	99.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 20.864 ug/l

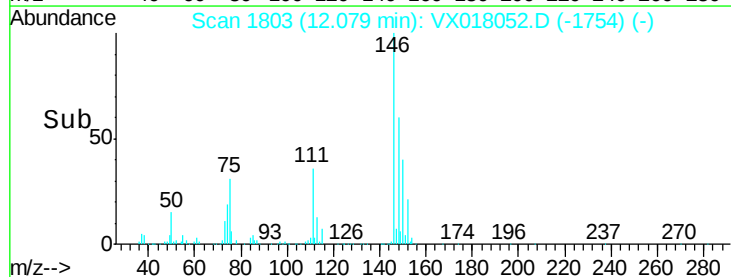
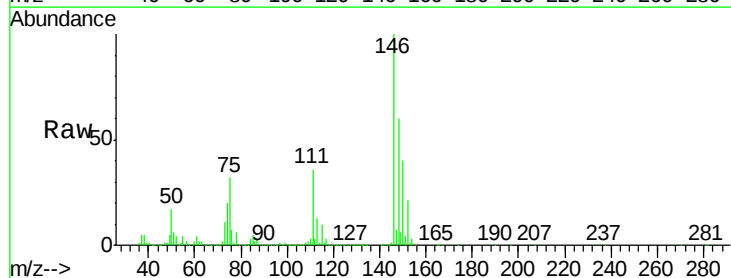
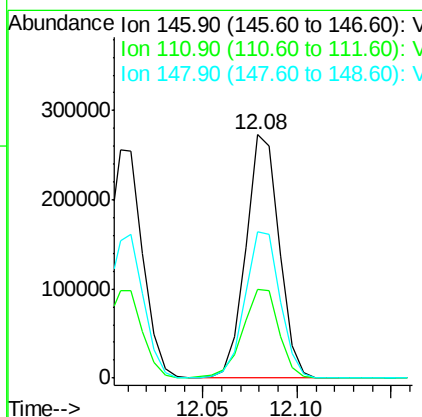
RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Tgt Ion:	146	Resp:	334796
Ion Ratio	Lower	Upper	
146	100		
111	39.7	20.3	60.8
148	63.6	33.1	99.2





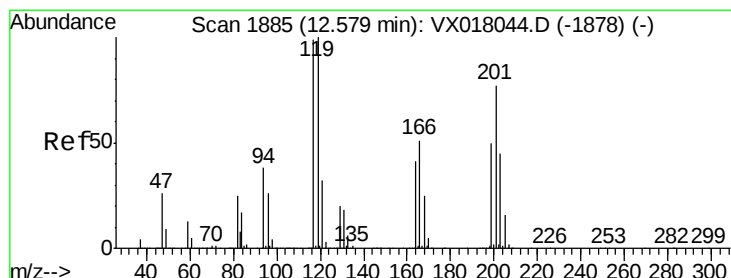
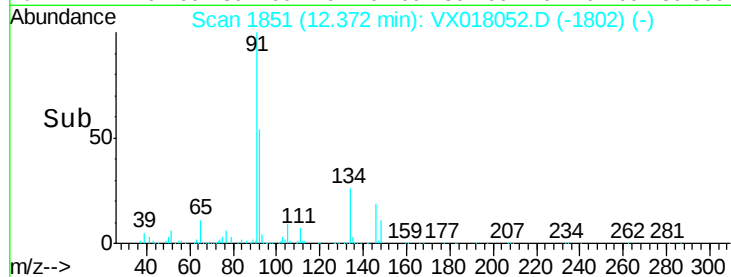
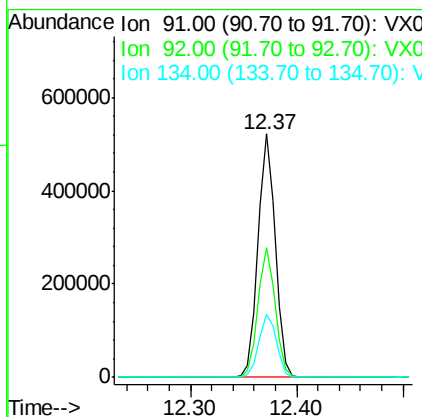
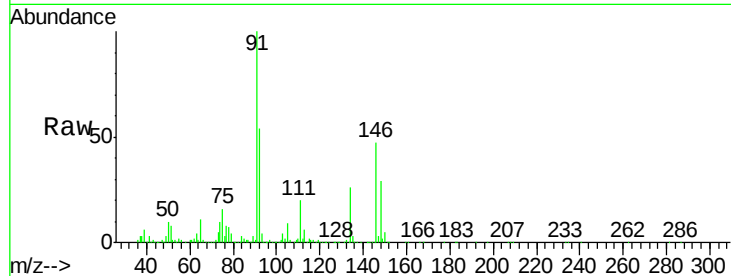
#89
n-Butylbenzene
Concen: 23.407 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.4	26.4	79.2	
134	26.5	12.9	38.7	

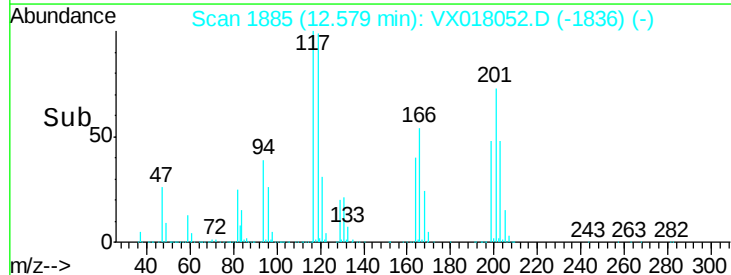
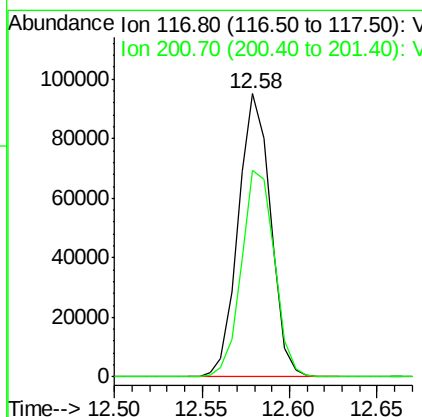
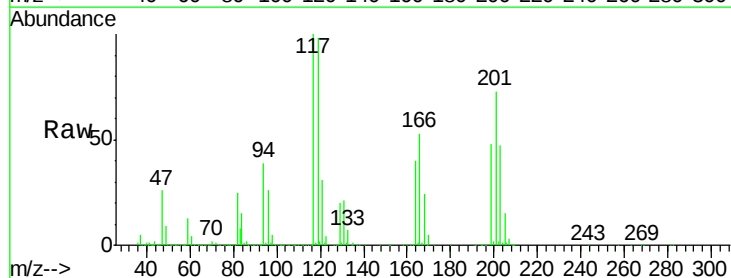
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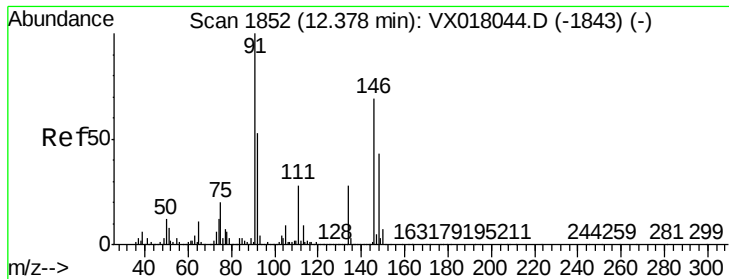
sam
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#90
Hexachloroethane
Concen: 22.251 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	74.3	38.5	115.3	





#91

1,2-Dichlorobenzene

Concen: 21.282 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Instrument :

MSVOA_X

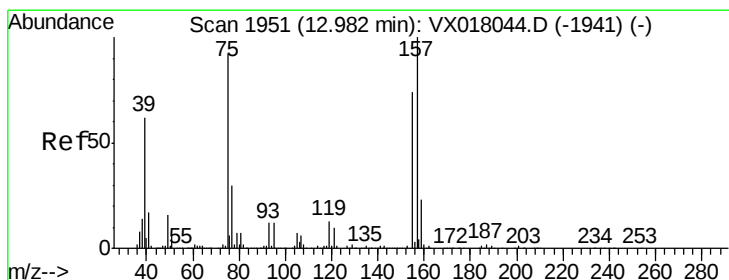
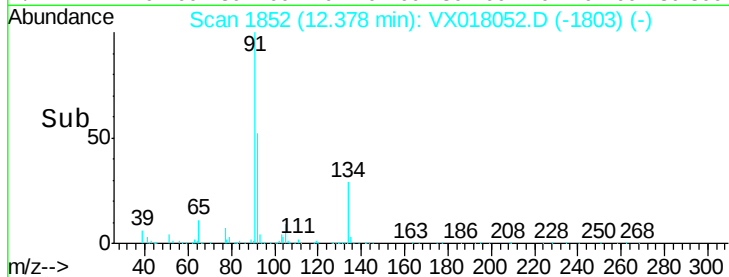
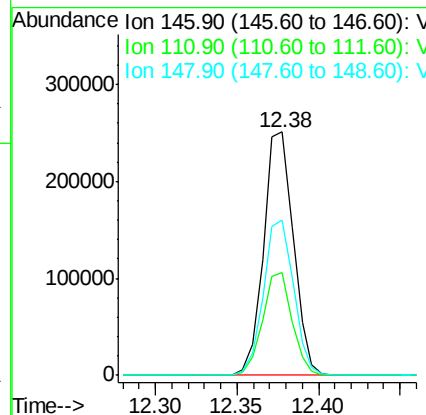
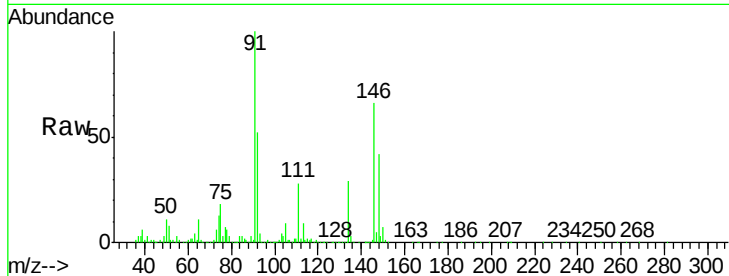
ClientSampleId :

VX0821WBS02

Tot Ion:	146	Resp:	321065
Ion Ratio	Lower	Upper	
146	100		
111	41.8	20.8	62.5
148	64.4	31.6	95.0

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.239 ug/l

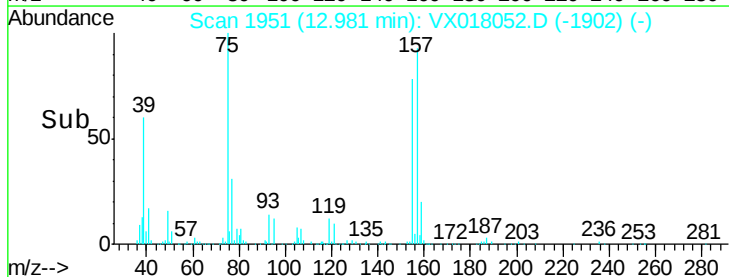
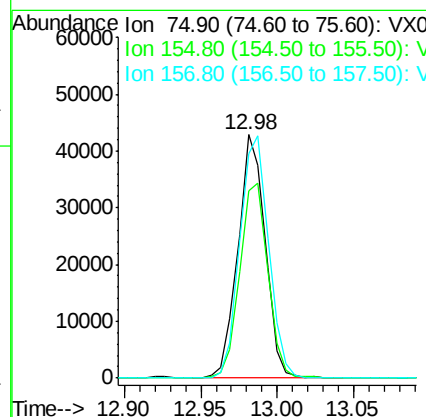
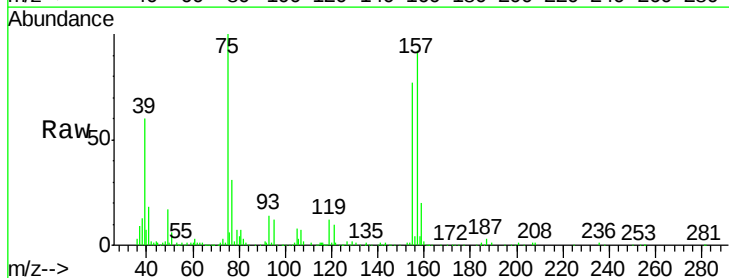
RT: 12.98 min Scan# 1951

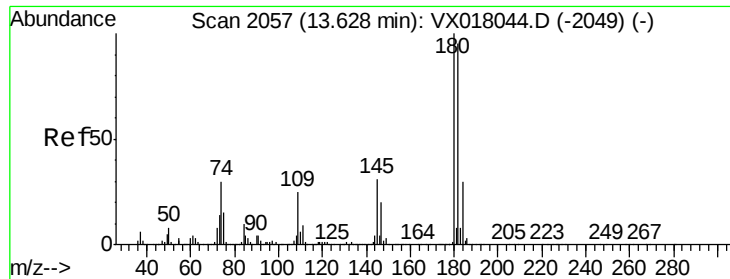
Delta R.T. -0.00 min

Lab File: VX018052.D

Acq: 21 Aug 2020 12:37

Tgt Ion:	75	Resp:	53126
Ion Ratio	Lower	Upper	
75	100		
155	82.7	40.2	120.6
157	104.7	55.0	165.2





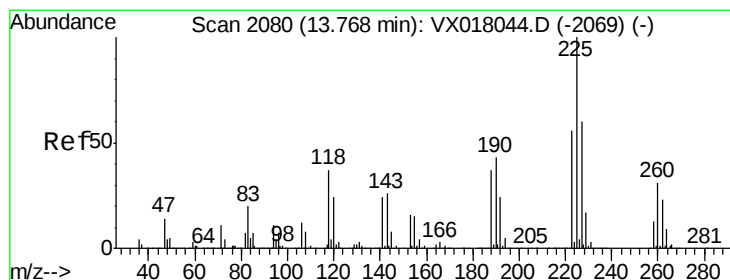
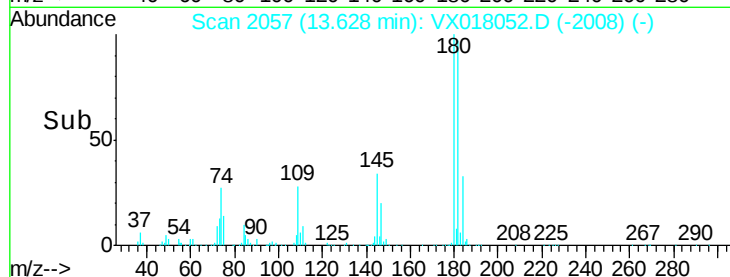
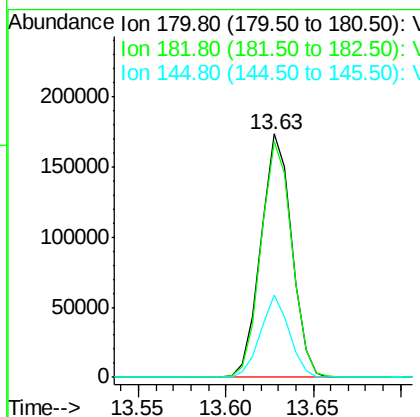
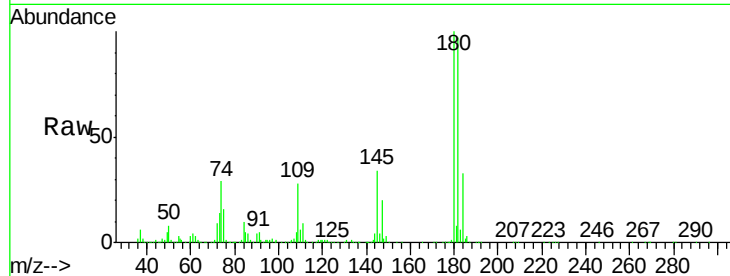
#93
 1,2,4-Trichlorobenzene
 Concen: 21.178 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018052.D
 Acq: 21 Aug 2020 12:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	213053		
182	97.3	47.5	142.6	
145	31.7	15.7	47.1	

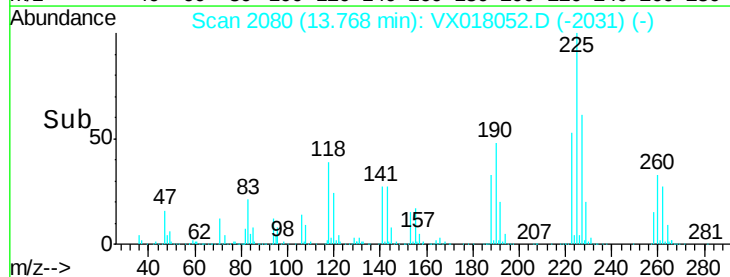
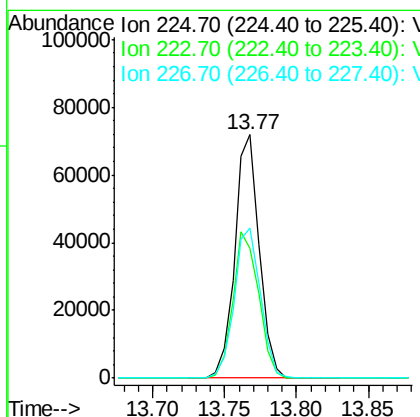
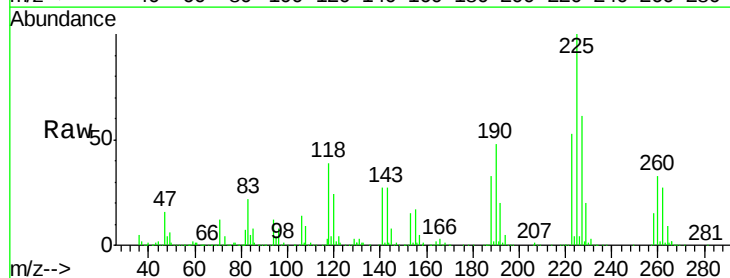
Manual Integrations
 APPROVED

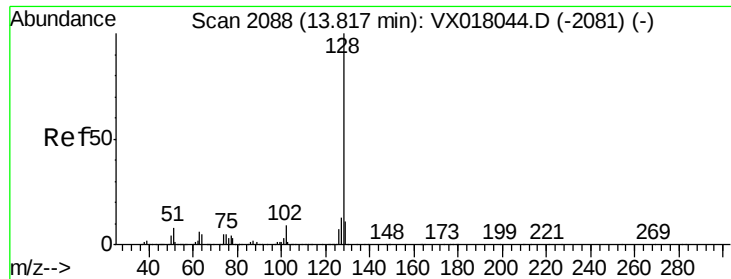
sam
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#94
 Hexachlorobutadiene
 Concen: 21.471 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018052.D
 Acq: 21 Aug 2020 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	85197		
223	63.4	30.7	92.1	
227	65.9	32.6	97.8	





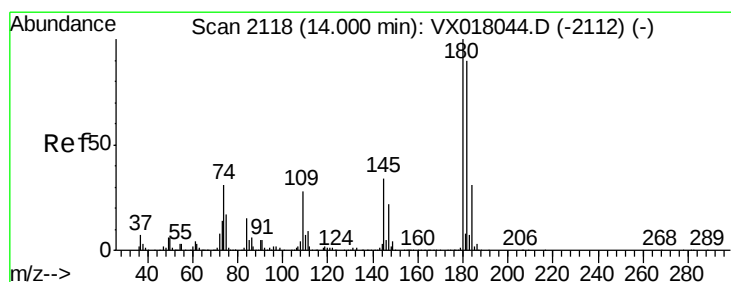
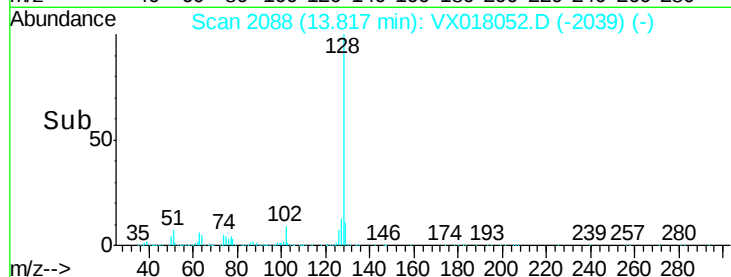
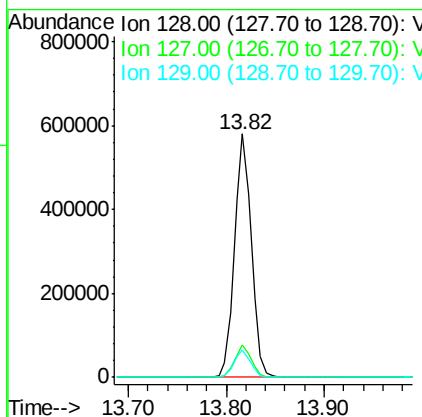
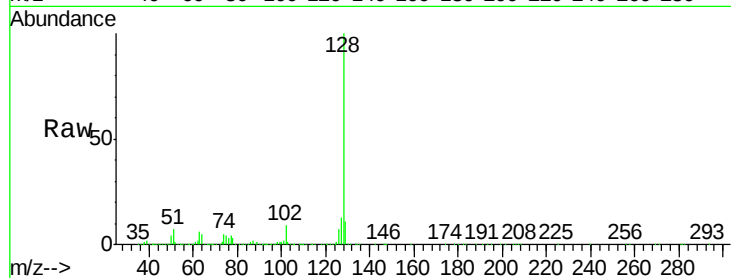
#95
Naphthalene
Concen: 20.861 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	11.0	8.7	13.1

Manual Integrations
APPROVED

sam
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#96
1,2,3-Trichlorobenzene
Concen: 20.760 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018052.D
Acq: 21 Aug 2020 12:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.3	142.0
145	34.0	17.5	52.6

