

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082620\
 Data File : VX018067.D
 Acq On : 26 Aug 2020 11:18
 Operator : JC/SP
 Sample : VX0826WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sample ID :
 VX0826WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/27/2020 12:19:24 PM

Quant Time: Aug 27 04:24:12 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	5.62	168	507916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	742336	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	712165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	377518	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	341139	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
35) Dibromofluoromethane	5.46	113	272682	53.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.88%	
50) Toluene-d8	8.70	98	931816	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
62) 4-Bromofluorobenzene	11.12	95	393944	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	135798	21.960	ug/l	98
3) Chloromethane	1.31	50	124938	19.163	ug/l	97
4) Vinyl Chloride	1.39	62	137451	21.179	ug/l	100
5) Bromomethane	1.63	94	87015	27.797	ug/l	98
6) Chloroethane	1.72	64	73946	21.214	ug/l	100
7) Trichlorofluoromethane	1.92	101	214428	24.230	ug/l	99
8) Diethyl Ether	2.17	74	66022	21.999	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	105972	22.150	ug/l	97
10) Methyl Iodide	2.49	142	112050	24.862	ug/l	98
11) Tert butyl alcohol	3.01	59	117541	85.734	ug/l	98
12) 1,1-Dichloroethene	2.36	96	98863	19.918	ug/l	96
13) Acrolein	2.27	56	46263	81.381	ug/l	99
14) Allyl chloride	2.71	41	177873	19.946	ug/l	96
15) Acrylonitrile	3.11	53	275524	88.594	ug/l	98
16) Acetone	2.42	43	259199	94.338	ug/l	93
17) Carbon Disulfide	2.55	76	294374	19.618	ug/l	98
18) Methyl Acetate	2.75	43	122964	18.546	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	349551	20.534	ug/l	97
20) Methylene Chloride	2.84	84	116366	20.013	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	109394	19.893	ug/l	96
22) Diisopropyl ether	3.82	45	329103	18.698	ug/l	96
23) Vinyl Acetate	3.78	43	1474634	94.157	ug/l	99
24) 1,1-Dichloroethane	3.67	63	195655	19.528	ug/l	98
25) 2-Butanone	4.63	43	399262	88.420	ug/l	99
26) 2,2-Dichloropropane	4.55	77	189143	23.202	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	122866	19.391	ug/l	99
28) Bromochloromethane	4.97	49	82888	17.139	ug/l	89
29) Tetrahydrofuran	5.09	42	232034	80.722	ug/l	98
30) Chloroform	5.17	83	214333	20.660	ug/l	96
31) Cyclohexane	5.54	56	154748	18.336	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	196837	20.675	ug/l	99
36) 1,1-Dichloropropene	5.77	75	138449	20.221	ug/l	97
37) Ethyl Acetate	4.79	43	148519	18.676	ug/l	97
38) Carbon Tetrachloride	5.76	117	174578	22.625	ug/l	98

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 Sample : VX0826WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0826WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/27/2020 12:19:24 PM

Quant Time: Aug 27 04:24:12 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)
39) Methylcyclohexane	7.44	83	162781	21.742	ug/l	95
40) Benzene	6.11	78	392238	19.496	ug/l	97
41) Methacrylonitrile	5.00	41	74192	16.992	ug/l	95
42) 1,2-Dichloroethane	6.16	62	162720	21.110	ug/l	98
43) Isopropyl Acetate	6.41	43	260176	20.256	ug/l	99
44) Trichloroethene	7.18	130	126813	22.308	ug/l	98
45) 1,2-Dichloropropane	7.49	63	104746	19.317	ug/l	98
46) Dibromomethane	7.63	93	77795	20.402	ug/l	97
47) Bromodichloromethane	7.87	83	153489	20.160	ug/l	97
48) Methyl methacrylate	7.74	41	105995	16.577	ug/l	95
49) 1,4-Dioxane	7.71	88	39619	342.066	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	710353	89.532	ug/l	100
52) Toluene	8.76	92	248090	19.447	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	182110	21.582	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	196404	21.972	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	106448	19.564	ug/l	94
56) Ethyl methacrylate	9.16	69	152761	18.886	ug/l	96
57) 1,3-Dichloropropane	9.35	76	176610	19.680	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	335908	92.318	ug/l	98
59) 2-Hexanone	9.47	43	541211	89.709	ug/l	100
60) Dibromochloromethane	9.56	129	134883	21.133	ug/l	100
61) 1,2-Dibromoethane	9.65	107	116833	19.779	ug/l	98
64) Tetrachloroethene	9.32	164	121488	23.214	ug/l	94
65) Chlorobenzene	10.12	112	276973	19.473	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	114917	20.499	ug/l	99
67) Ethyl Benzene	10.23	91	484366	20.025	ug/l	97
68) m/p-Xylenes	10.34	106	417551	46.249	ug/l	100
69) o-Xylene	10.68	106	180326	20.604	ug/l	100
70) Styrene	10.70	104	312812	20.988	ug/l	99
71) Bromoform	10.84	173	96696	20.222	ug/l	95
73) Isopropylbenzene	11.00	105	557685	22.396	ug/l	100
74) N-amyl acetate	10.88	43	230304	19.493	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	159429	18.149	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	158141m	18.831	ug/l	
77) Bromobenzene	11.24	156	144137	20.940	ug/l	93
78) n-propylbenzene	11.34	91	597866	21.145	ug/l	99
79) 2-Chlorotoluene	11.40	91	351622	20.129	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	446923	21.841	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	63035	20.272	ug/l	97
82) 4-Chlorotoluene	11.49	91	424662	20.449	ug/l	100
83) tert-Butylbenzene	11.76	119	408582	20.233	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	429153	20.513	ug/l	99
85) sec-Butylbenzene	11.93	105	502156	21.866	ug/l	98
86) p-Isopropyltoluene	12.05	119	466645	22.122	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	241483	19.982	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	234737	19.399	ug/l	99
89) n-Butylbenzene	12.37	91	385923	20.044	ug/l	98
90) Hexachloroethane	12.58	117	91555	22.060	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	221490	19.470	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	41343	18.823	ug/l	98

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0826WBS01

Manual Integrations
APPROVED

MMDadoda
8/27/2020 12:19:24 PM

Quant Time: Aug 27 04:24:12 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)
93) 1,2,4-Trichlorobenzene	13.63	180	155332	20.477	ug/l	97
94) Hexachlorobutadiene	13.77	225	64294	21.488	ug/l	98
95) Naphthalene	13.82	128	461351	18.480	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	150585	20.090	ug/l	99

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

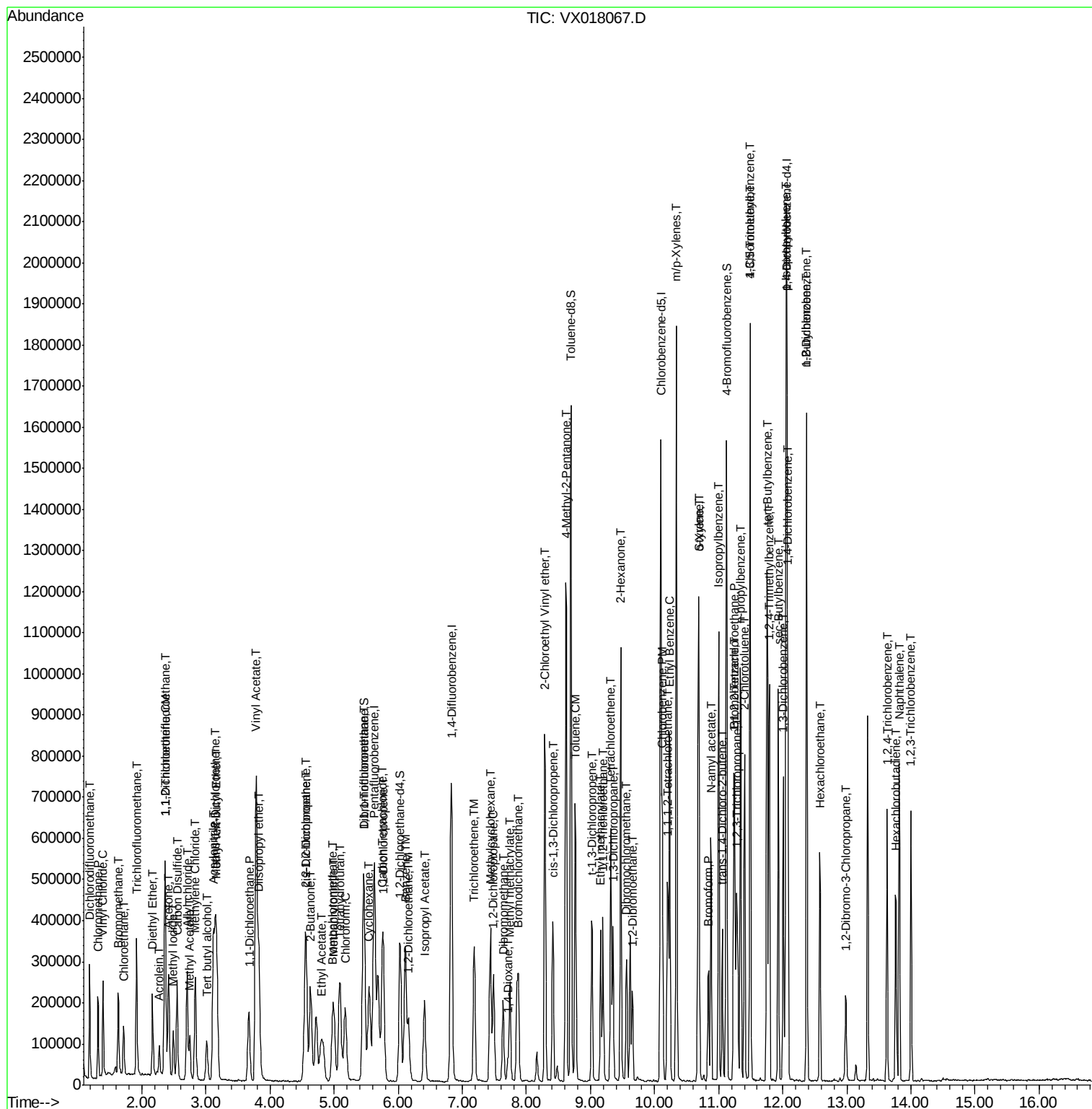
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Data File : VX018067.D
Acq On : 26 Aug 2020 11:18
Operator : JC/SP
Sample : VX0826WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

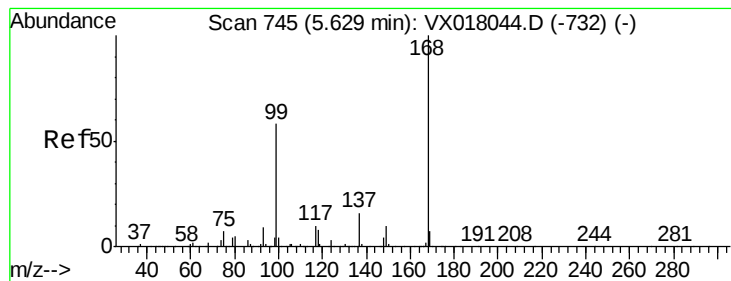
Instrument :
MSVOA_X
Client Sampled :
VX0826WBS01

Manual Integrations
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MMDadoda
8/27/2020 12:19:24 PM

Quant Time: Aug 27 04:24:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0826WBS01

Tot Ion:168 Resp: 507916

Ion Ratio Lower Upper

168 100

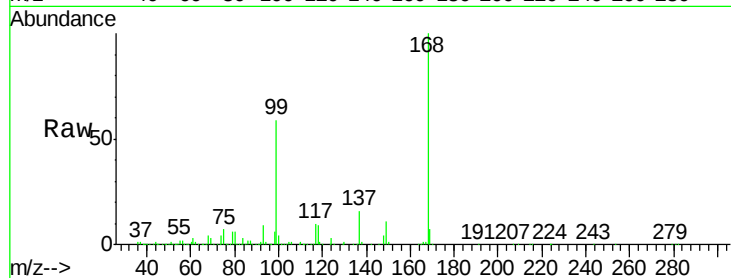
99 59.0 46.3 69.5

Manual Integrations

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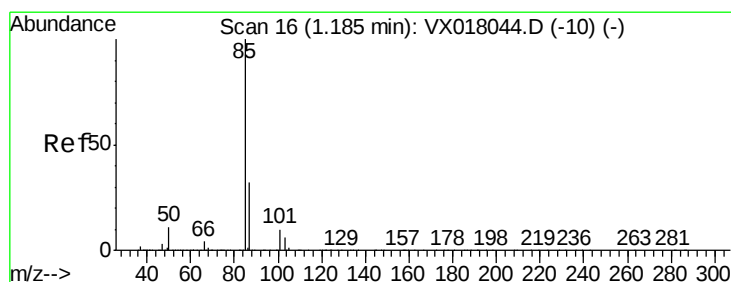
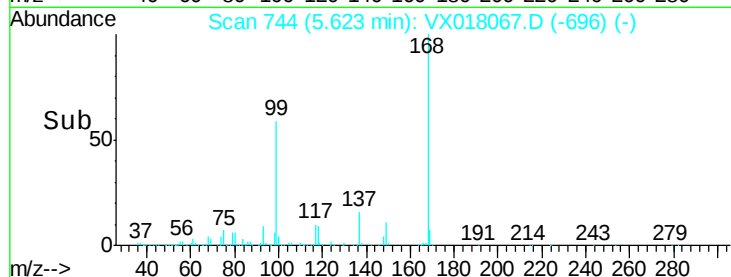
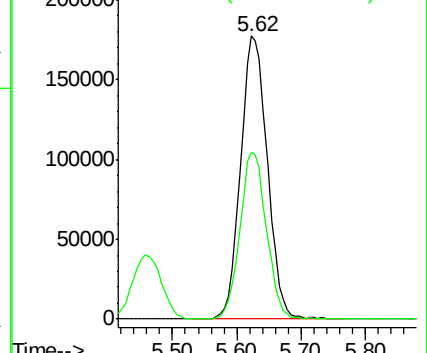
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.960 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018067.D

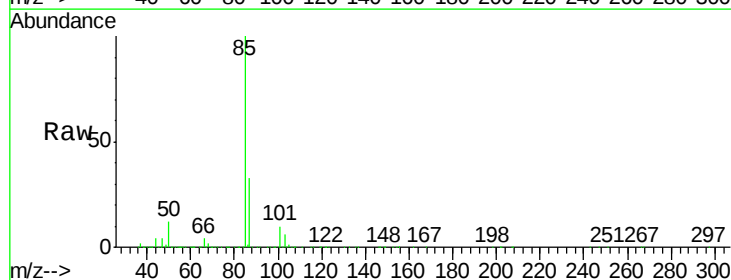
Acq: 26 Aug 2020 11:18

Tgt Ion: 85 Resp: 135798

Ion Ratio Lower Upper

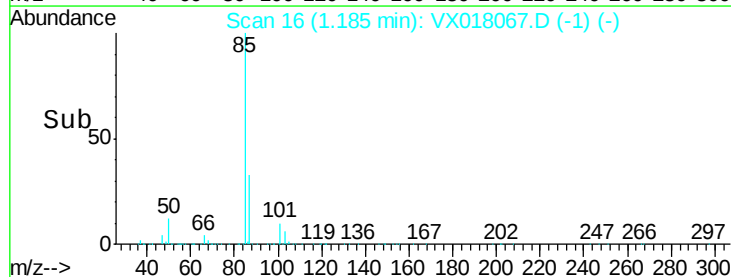
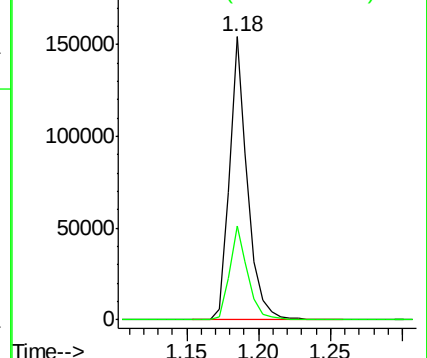
85 100

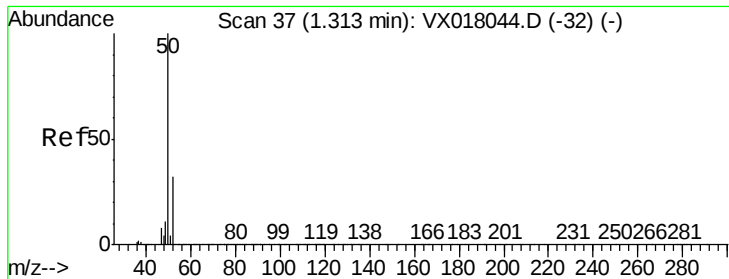
87 33.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.163 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0826WBS01

Tot Ion: 50 Resp: 124938

Ion Ratio Lower Upper

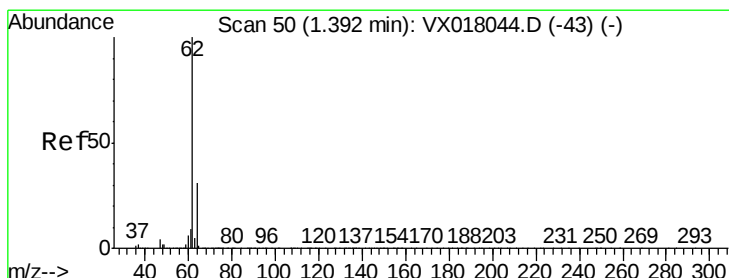
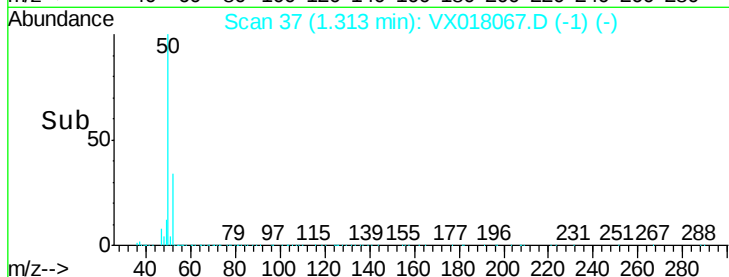
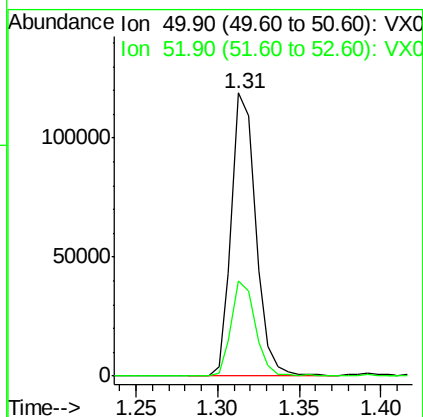
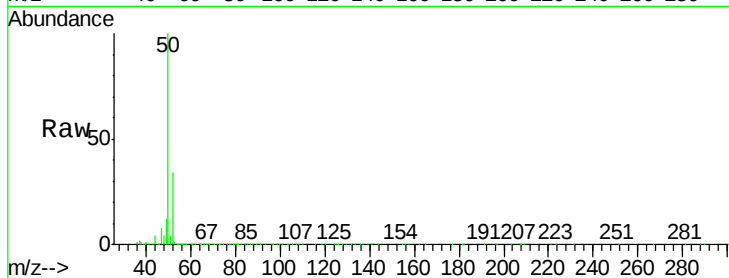
50 100

52 33.5 25.4 38.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 21.179 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018067.D

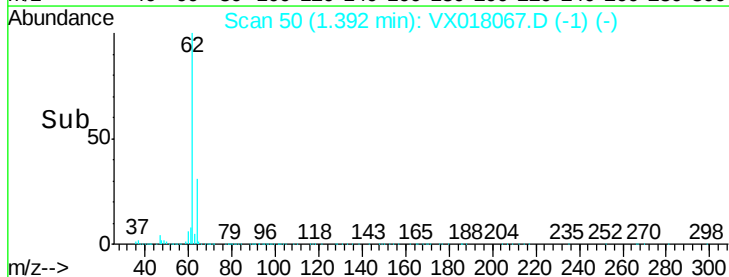
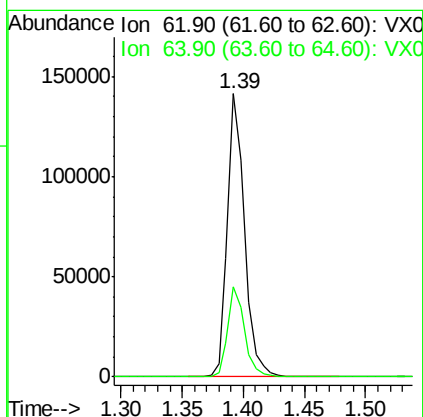
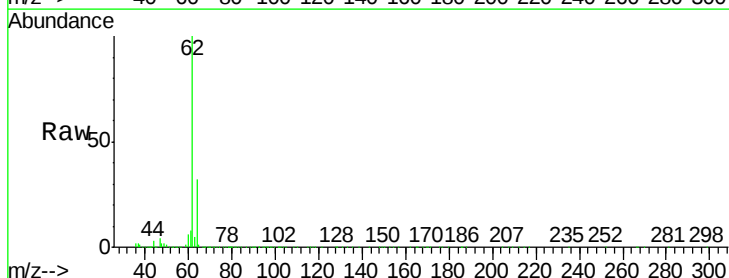
Acq: 26 Aug 2020 11:18

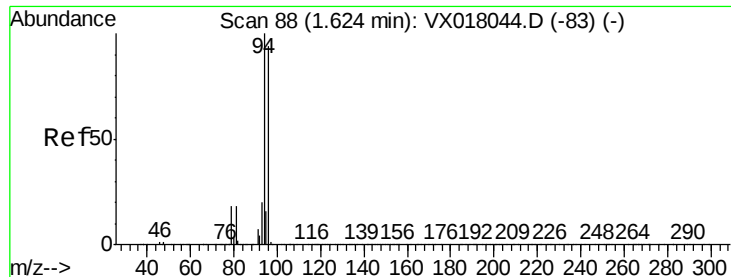
Tgt Ion: 62 Resp: 137451

Ion Ratio Lower Upper

62 100

64 31.4 25.1 37.7





#5

Bromomethane

Concen: 27.797 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0826WBS01

Tot Ion: 94 Resp: 87015

Ion Ratio Lower Upper

94 100

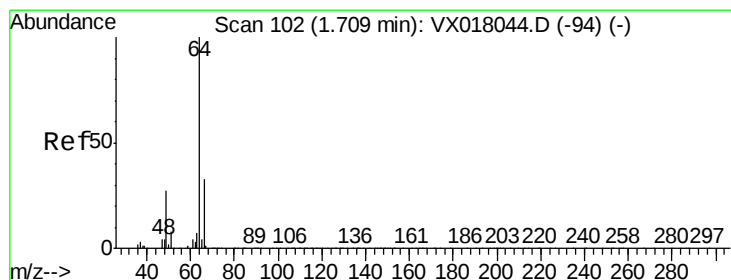
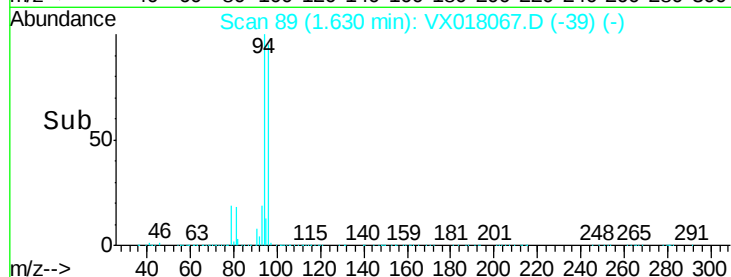
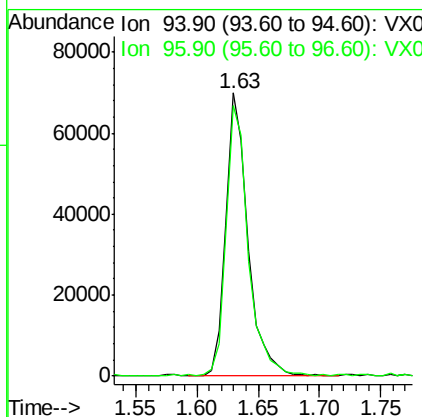
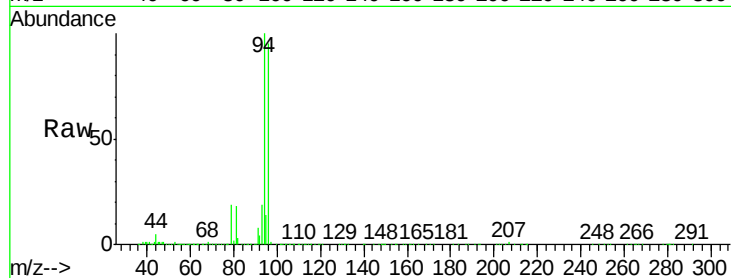
96 95.1 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 21.214 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018067.D

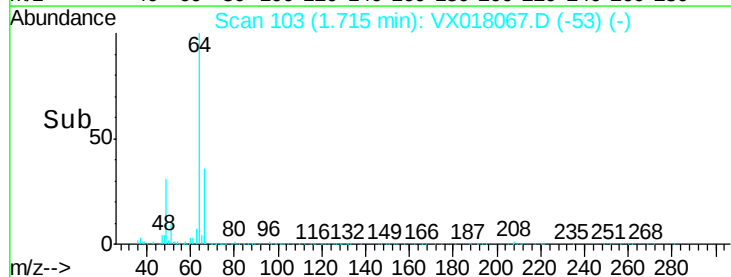
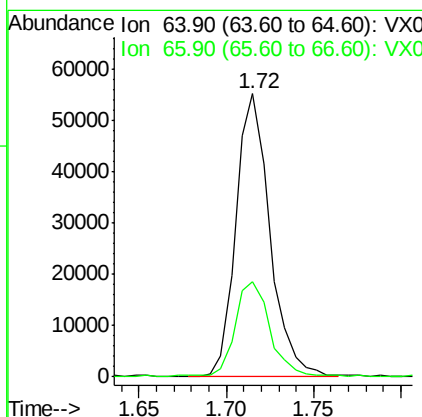
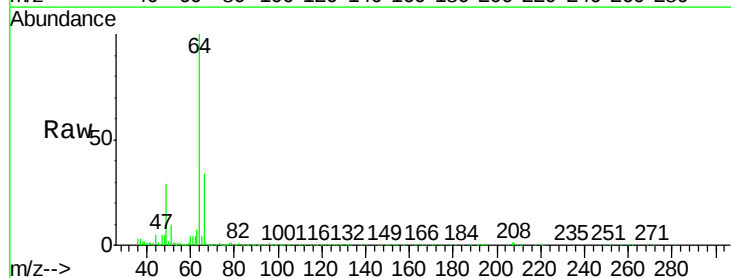
Acq: 26 Aug 2020 11:18

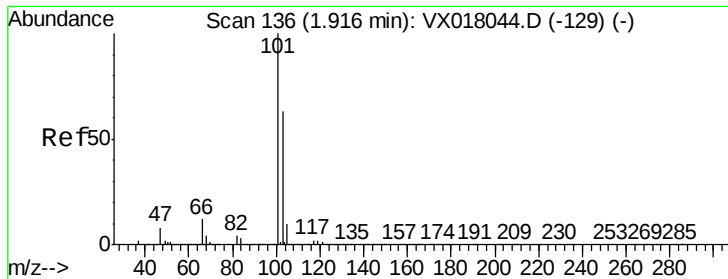
Tgt Ion: 64 Resp: 73946

Ion Ratio Lower Upper

64 100

66 33.4 26.6 39.8





#7

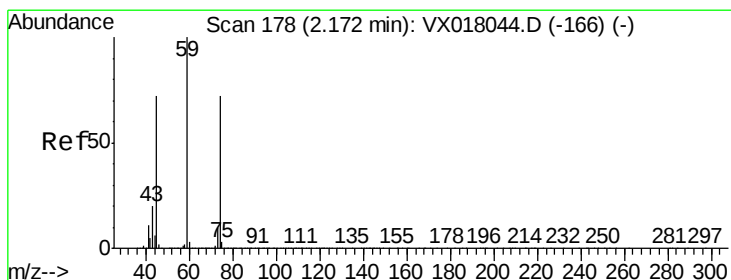
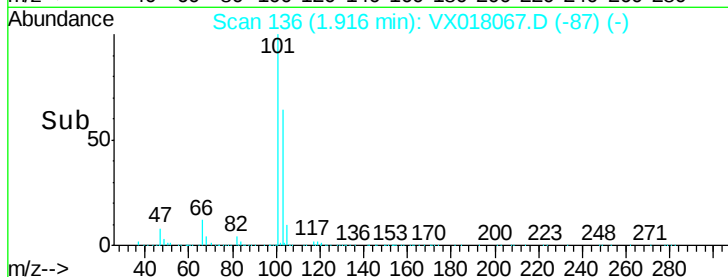
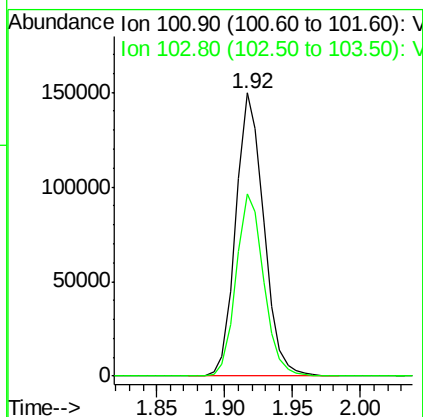
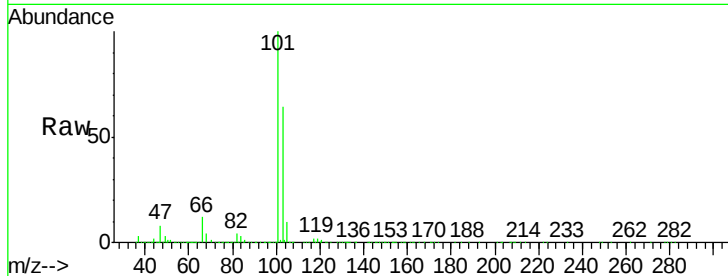
Trichlorofluoromethane
Concen: 24.230 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018067.D
Acq: 26 Aug 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VX0826WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	50.7	76.1

Manual Integrations
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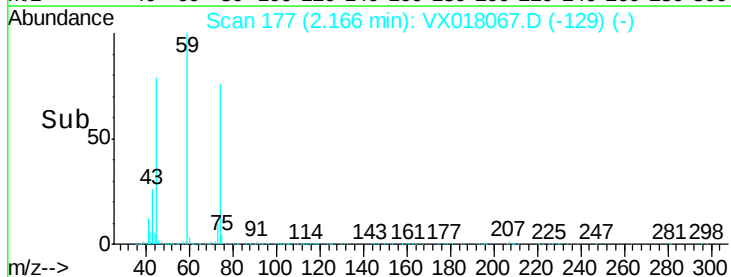
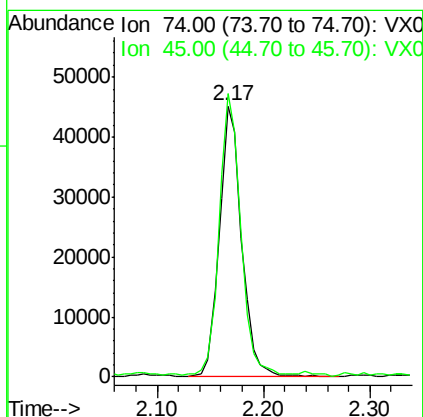
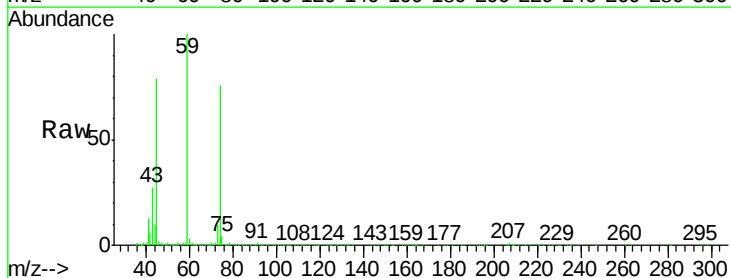
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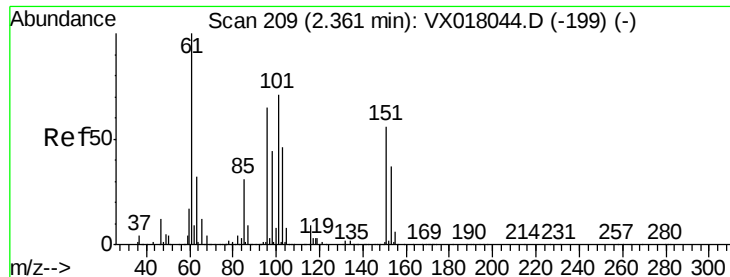


#8

Diethyl Ether
Concen: 21.999 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018067.D
Acq: 26 Aug 2020 11:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.7	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.150 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Instrument :

MSVOA_X

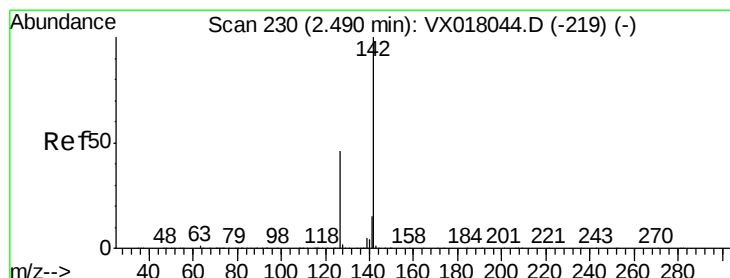
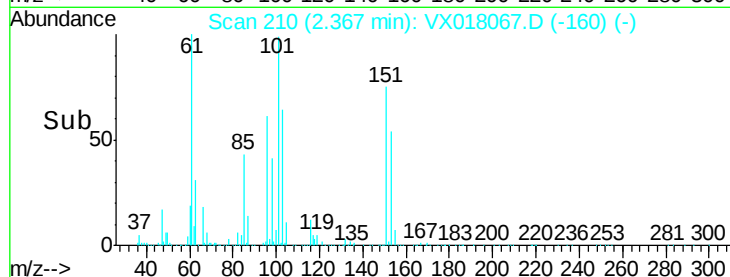
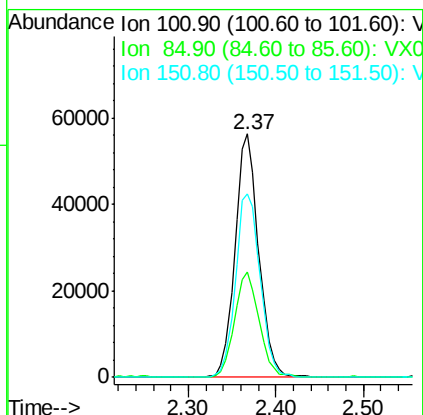
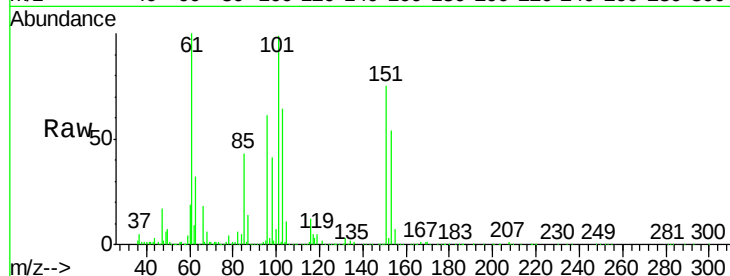
ClientSampleId :

VX0826WBS01

Tot Ion:	101	Resp:	105972
Ion Ratio	Lower	Upper	
101	100		
85	45.1	34.0	51.0
151	79.1	65.2	97.8

Manual Integrations
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#10

Methyl Iodide

Concen: 24.862 ug/l

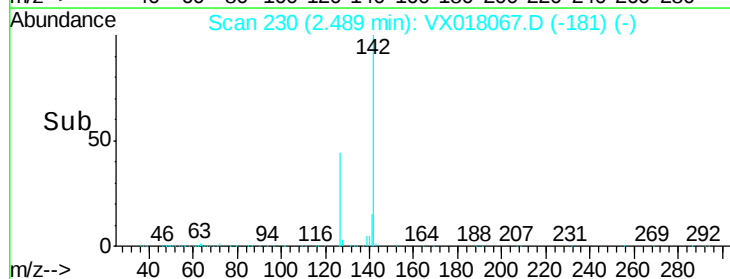
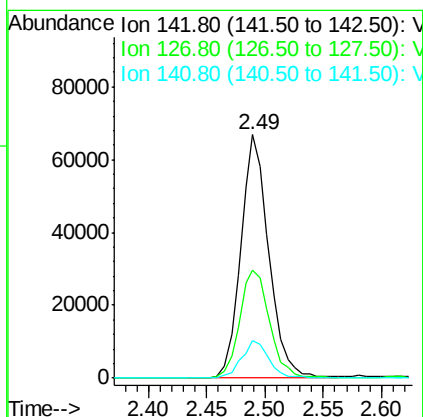
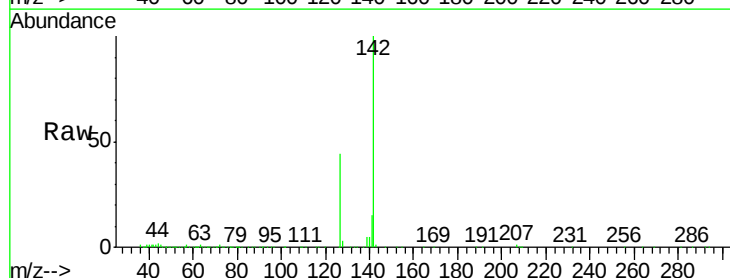
RT: 2.49 min Scan# 230

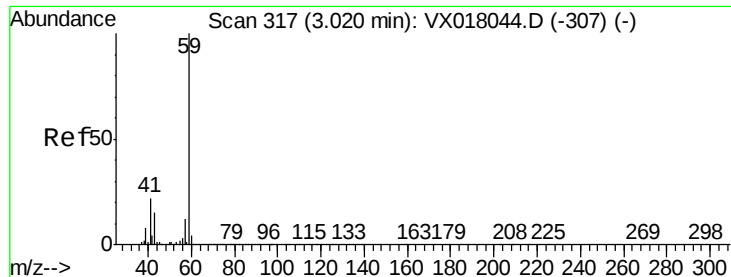
Delta R.T. 0.00 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Tgt Ion:	142	Resp:	112050
Ion Ratio	Lower	Upper	
142	100		
127	48.0	37.0	55.6
141	15.0	11.5	17.3





#11

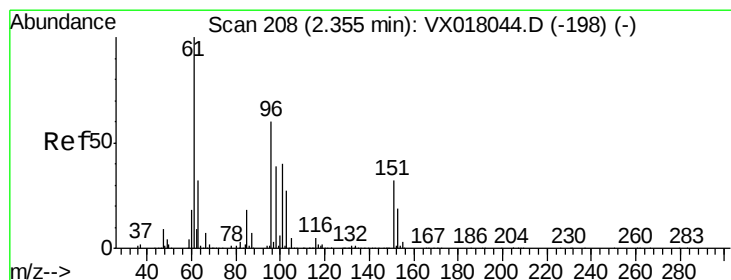
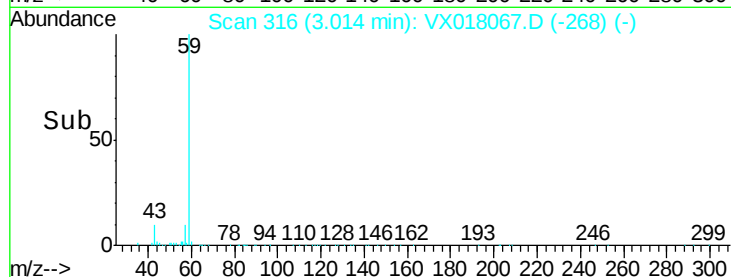
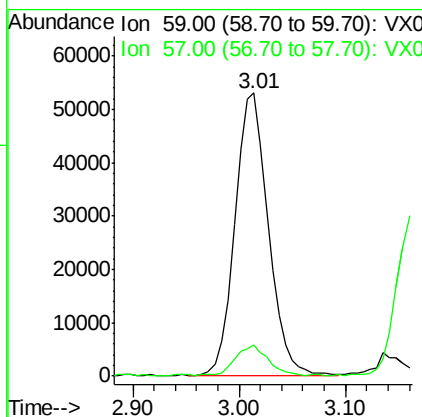
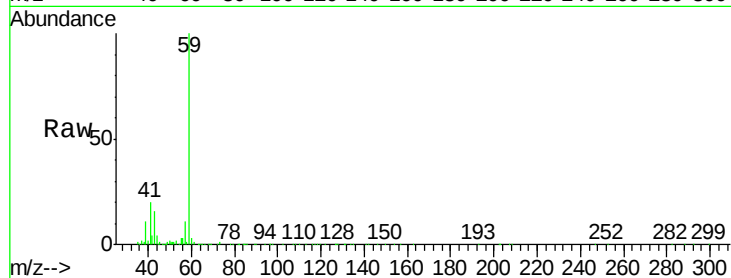
Tert butyl alcohol
Concen: 85.734 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018067.D
Acq: 26 Aug 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VX0826WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.9	13.3

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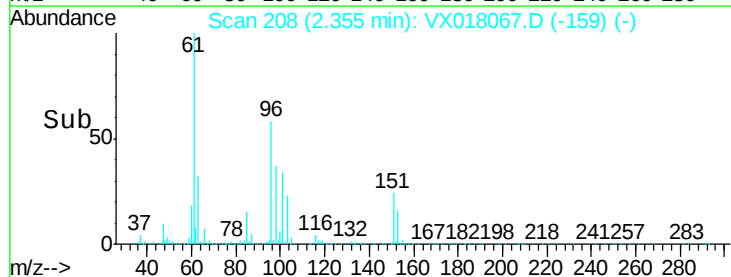
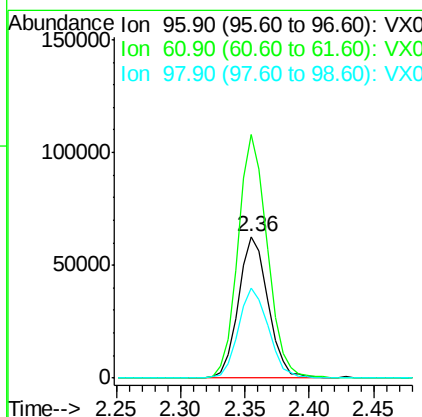
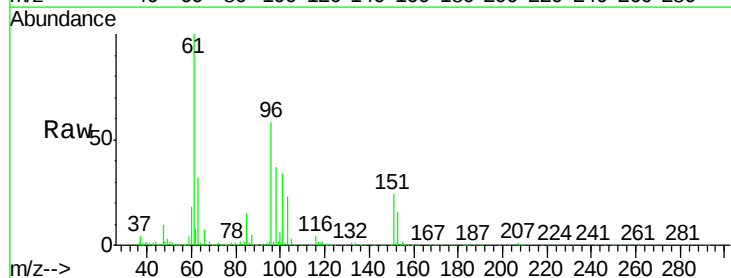
MMDadoda
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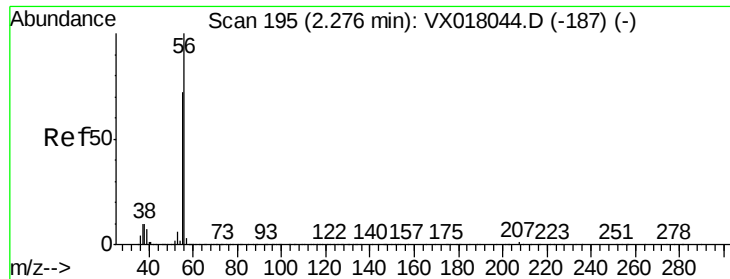


#12

1,1-Dichloroethene
Concen: 19.918 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018067.D
Acq: 26 Aug 2020 11:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.9	133.0	199.4
98	63.1	51.6	77.4





#13

Acrolein

Concen: 81.381 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0826WBS01

Tot Ion: 56 Resp: 46263

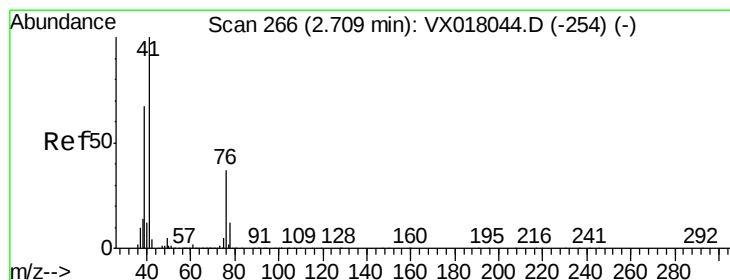
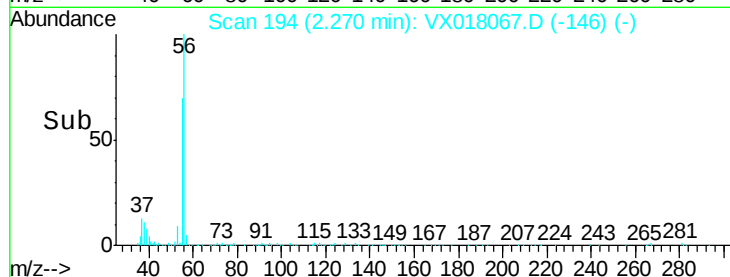
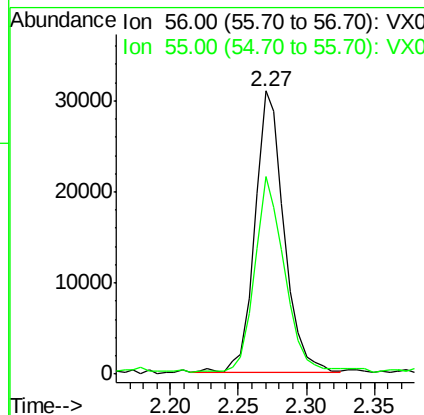
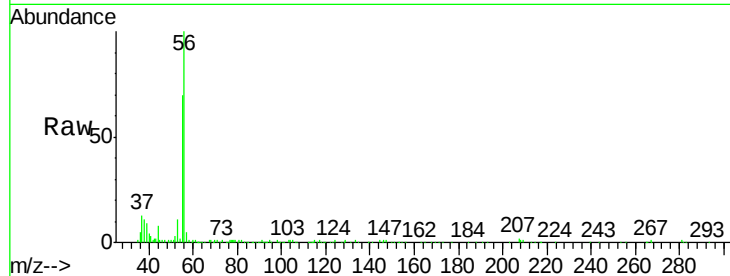
Ion Ratio Lower Upper

56 100

55 70.1 57.0 85.6

Manual Integrations
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#14

Allyl chloride

Concen: 19.946 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

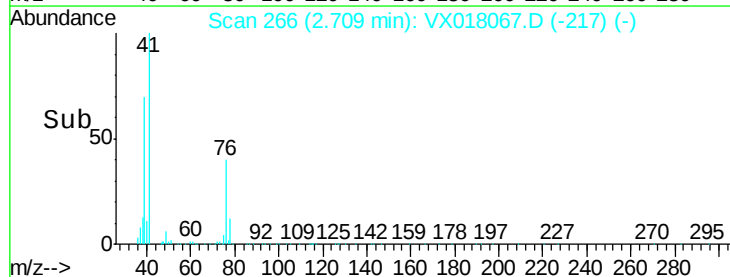
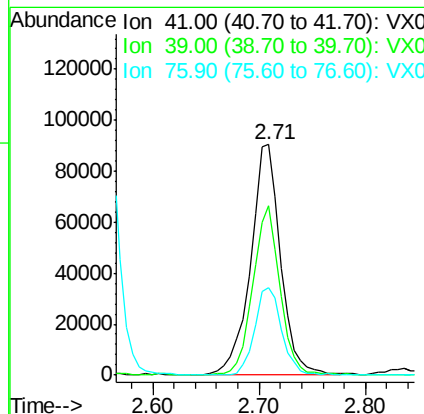
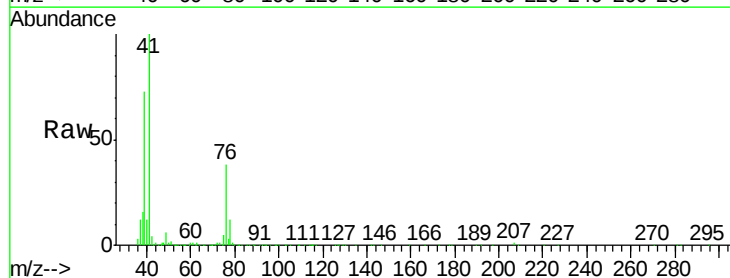
Tgt Ion: 41 Resp: 177873

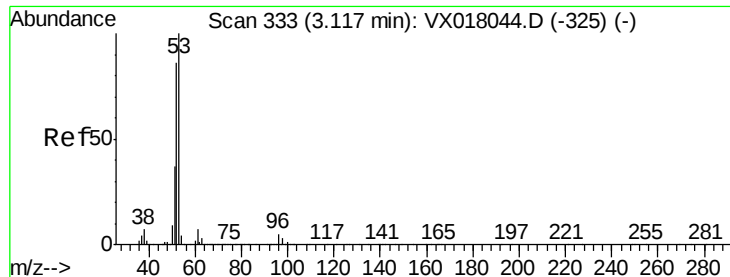
Ion Ratio Lower Upper

41 100

39 67.1 50.6 76.0

76 34.4 26.2 39.2





#15

Acrylonitrile

Concen: 88.594 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Instrument :

MSVOA_X

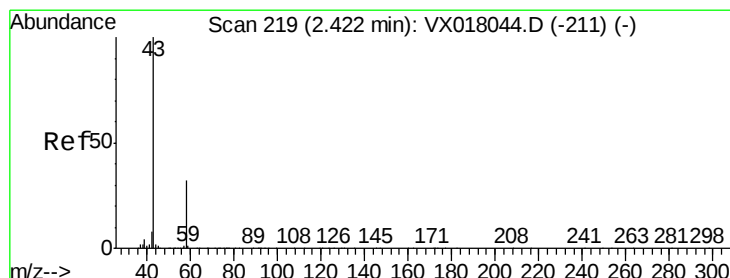
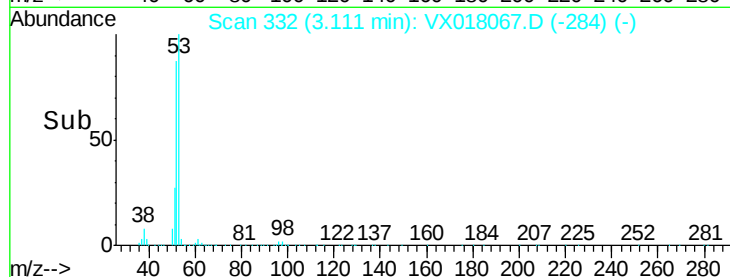
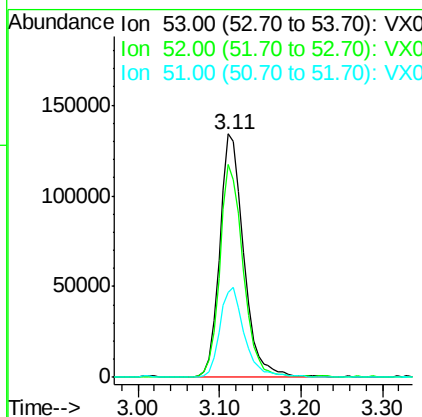
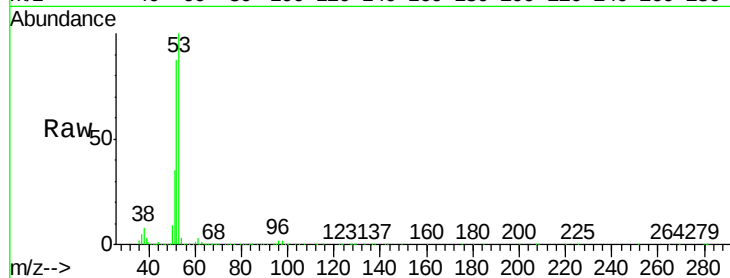
ClientSampleId :

VX0826WBS01

Tot Ion:	53	Resp:	275524
Ion Ratio	Lower	Upper	
53	100		
52	84.8	66.9	100.3
51	37.5	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 94.338 ug/l

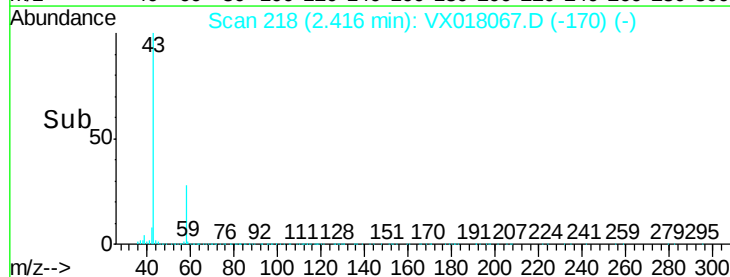
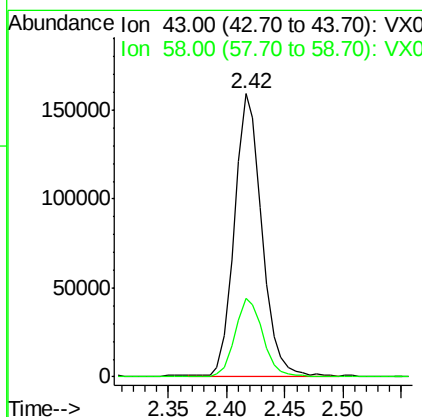
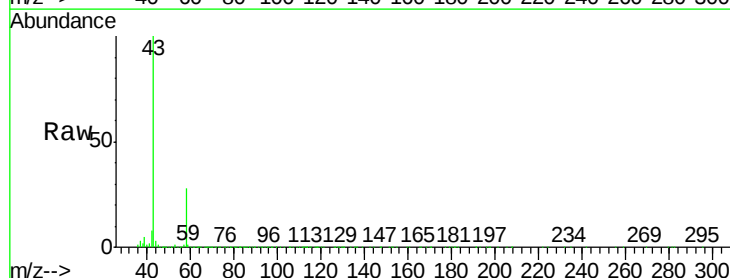
RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Tgt Ion:	43	Resp:	259199
Ion Ratio	Lower	Upper	
43	100		
58	27.8	25.5	38.3





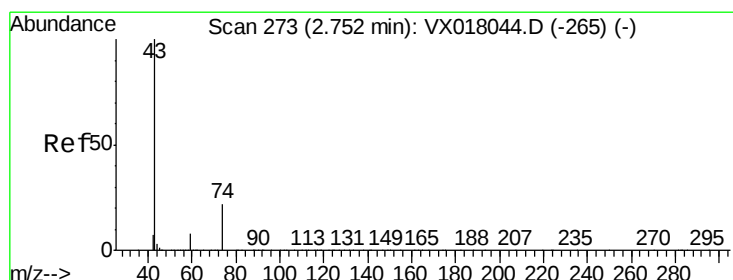
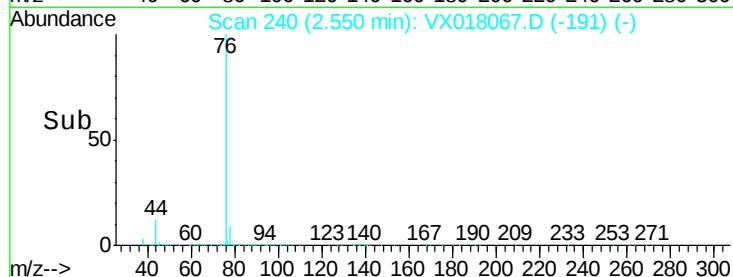
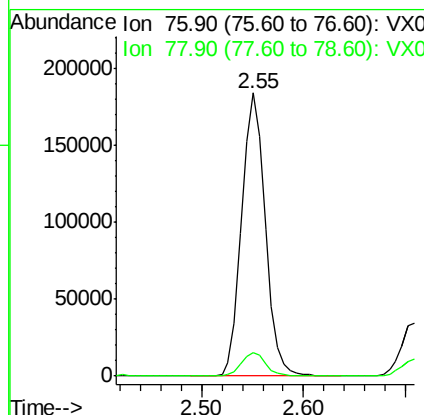
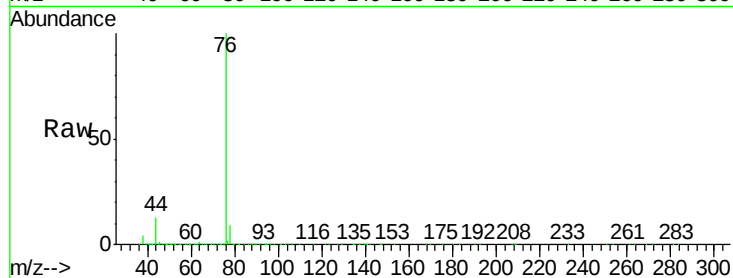
#17
Carbon Disulfide
Concen: 19.618 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018067.D
Acq: 26 Aug 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VX0826WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.4	11.0

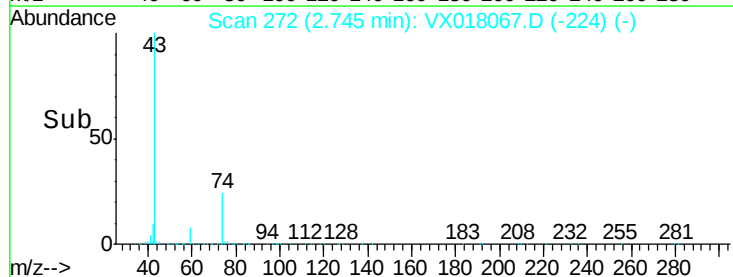
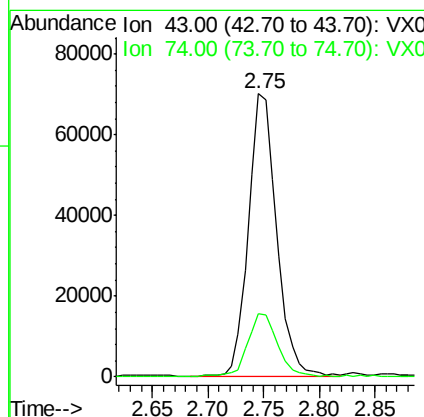
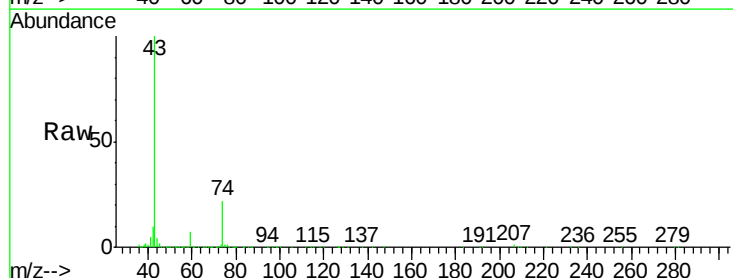
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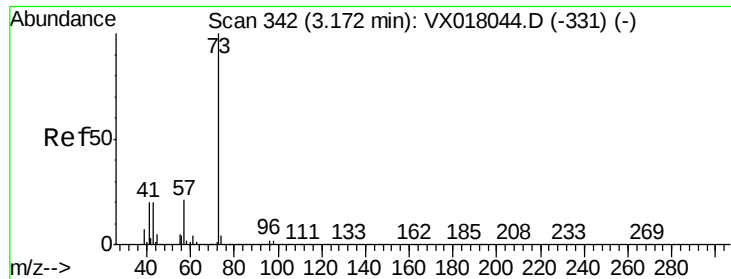
MMDadoda
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#18
Methyl Acetate
Concen: 18.546 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018067.D
Acq: 26 Aug 2020 11:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.2	18.2	27.4





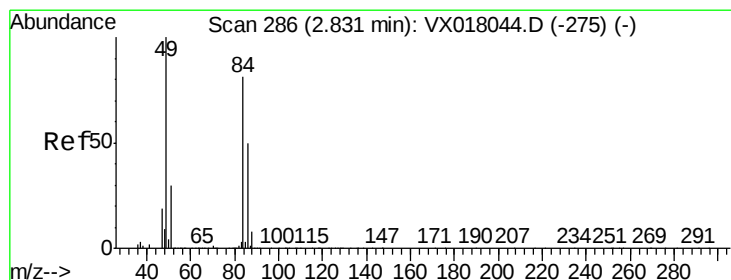
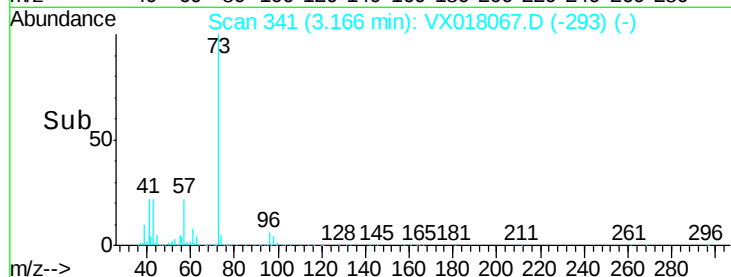
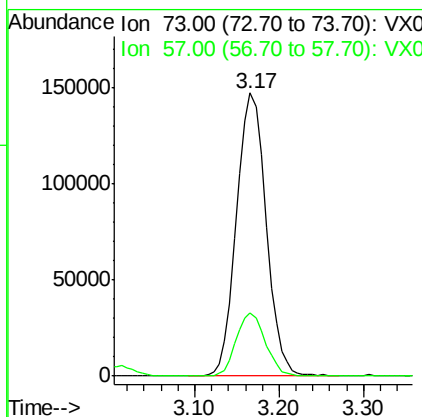
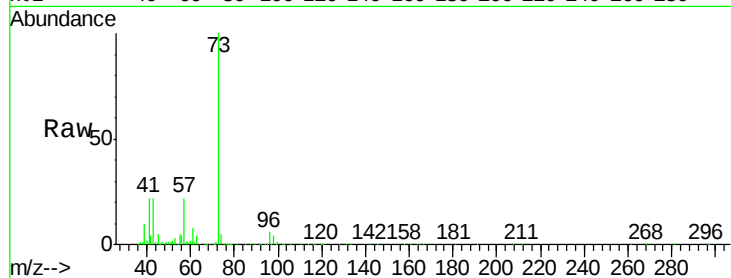
#19
Methvl tert-butvl Ether
Concen: 20.534 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018067.D
Acq: 26 Aug 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VX0826WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	16.8	25.2

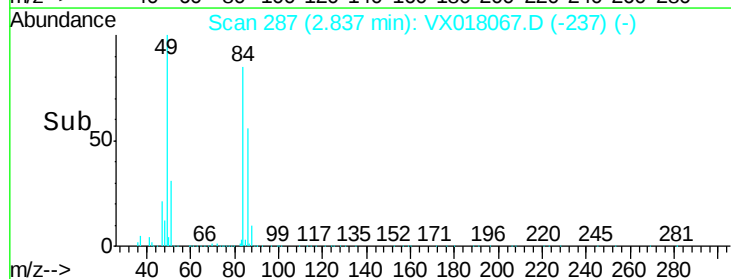
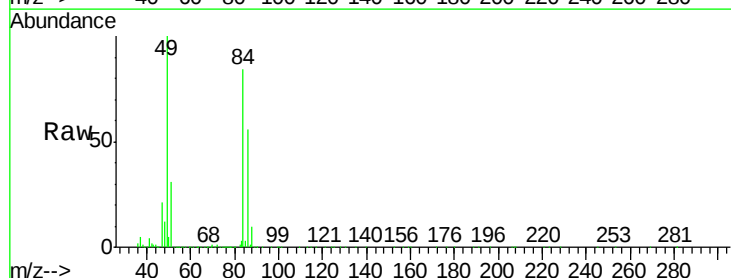
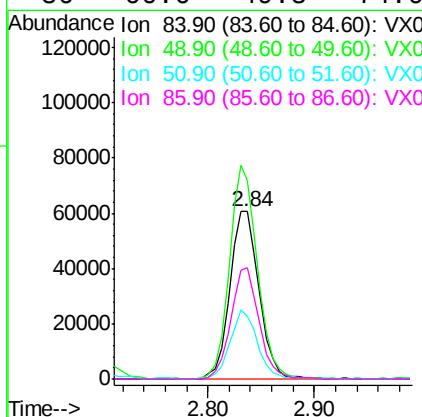
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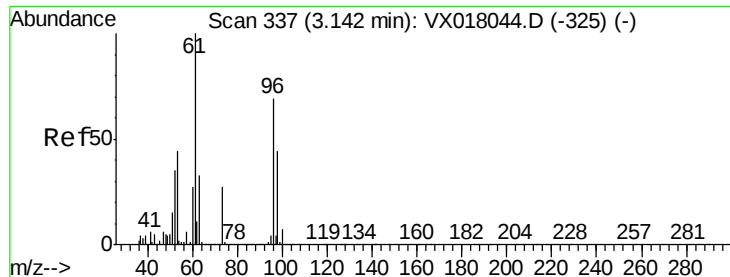
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#20
Methylene Chloride
Concen: 20.013 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018067.D
Acq: 26 Aug 2020 11:18

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.0	98.6	148.0
51	37.1	29.6	44.4
86	66.6	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 19.893 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Instrument :

MSVOA_X

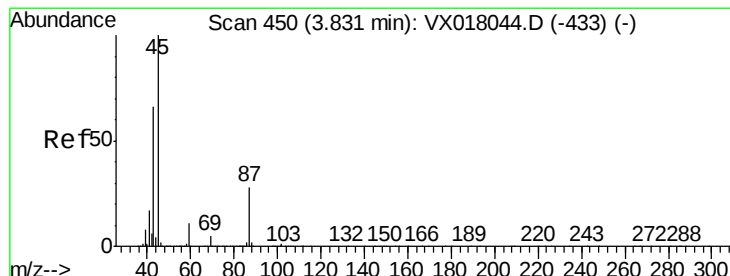
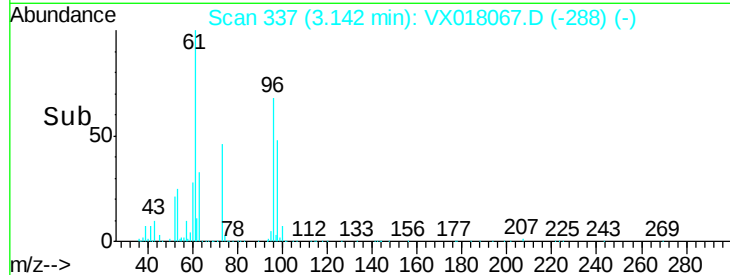
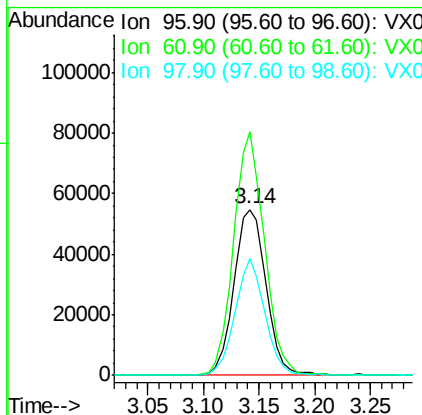
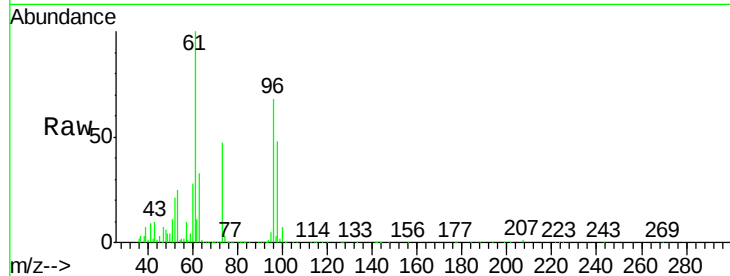
ClientSampleId :

VX0826WBS01

Tot Ion:	96	Resp:	109394
Ion Ratio	Lower	Upper	
96	100		
61	146.5	115.4	173.0
98	70.2	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.698 ug/l

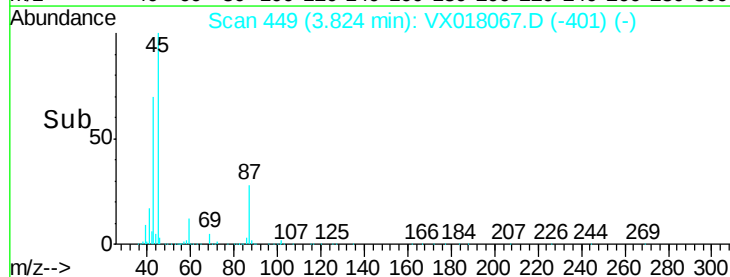
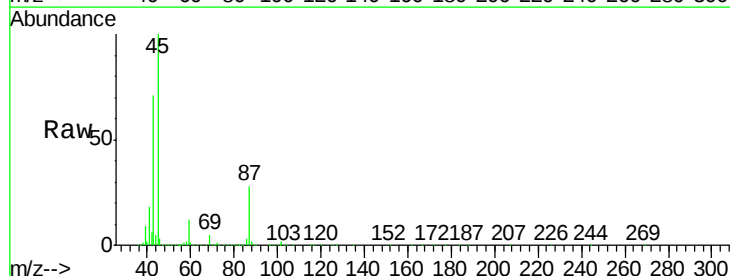
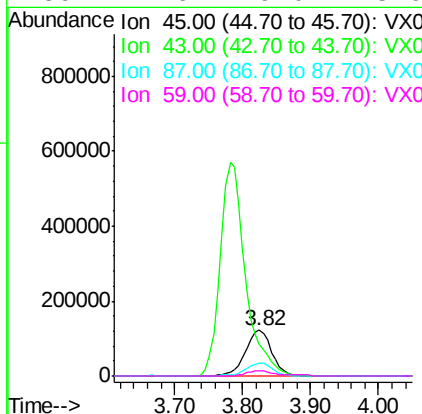
RT: 3.82 min Scan# 449

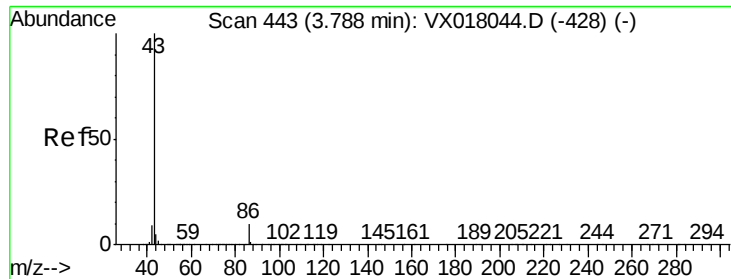
Delta R.T. -0.01 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Tgt Ion:	45	Resp:	329103
Ion Ratio	Lower	Upper	
45	100		
43	70.5	52.8	79.2
87	28.4	22.5	33.7
59	11.6	9.0	13.6





#23

Vinyl Acetate

Concen: 94.157 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Instrument :

MSVOA_X

ClientSampled :

VX0826WBS01

Tot Ion: 43 Resp: 1474634

Ion Ratio Lower Upper

43 100

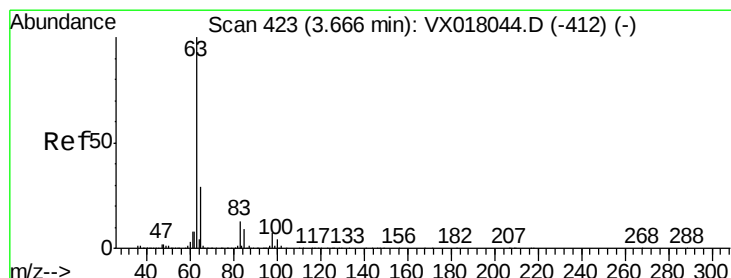
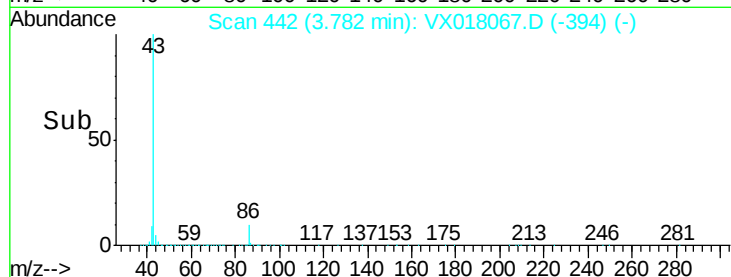
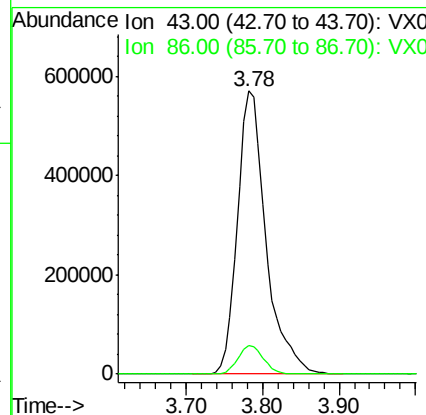
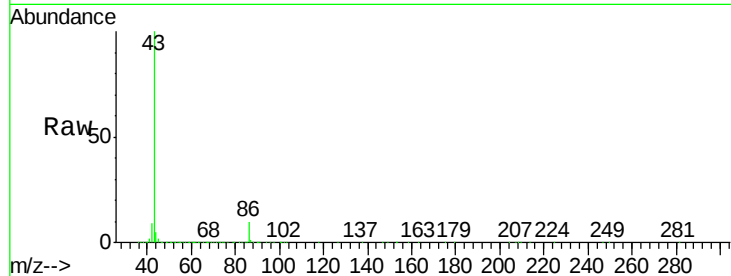
86 10.2 7.9 11.9

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#24

1,1-Dichloroethane

Concen: 19.528 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

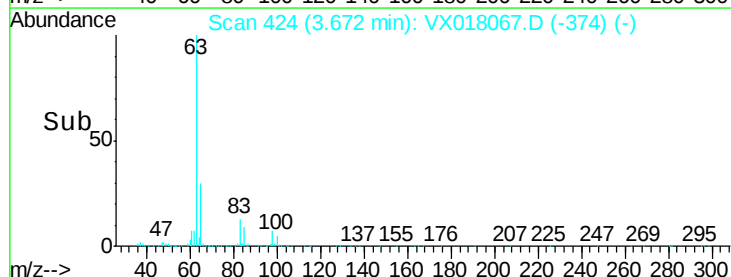
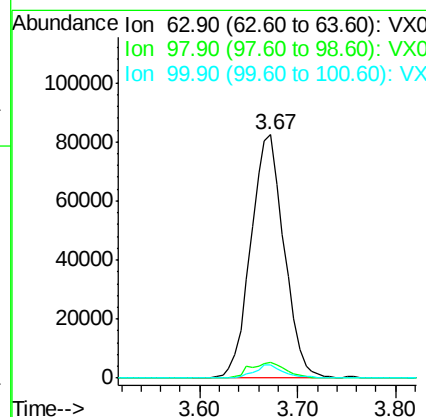
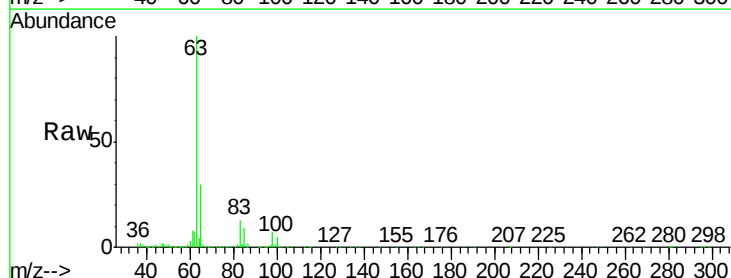
Tgt Ion: 63 Resp: 195655

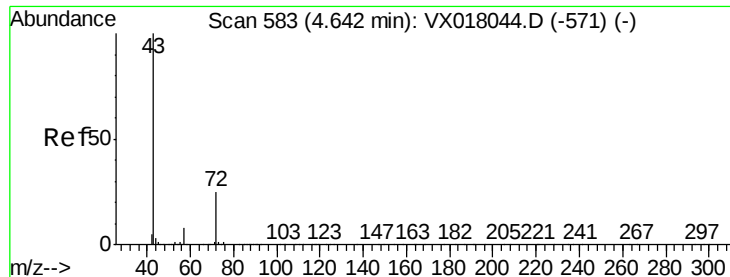
Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.8

100 5.2 2.0 6.0





#25

2-Butanone

Concen: 88.420 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0826WBS01

Tot Ion: 43 Resp: 399262

Ion Ratio Lower Upper

43 100

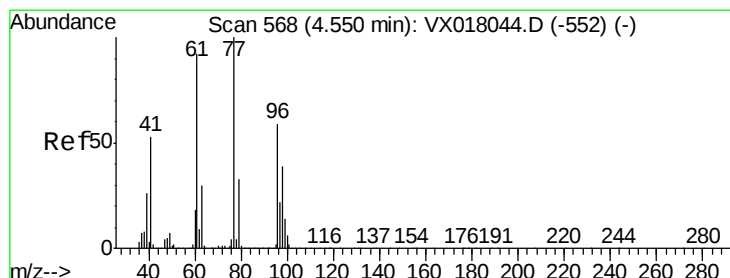
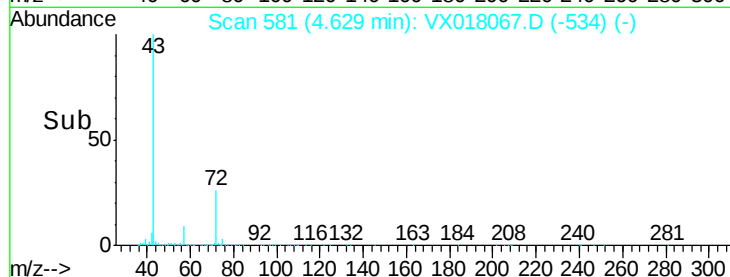
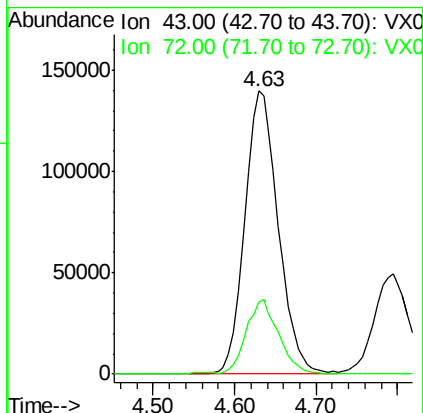
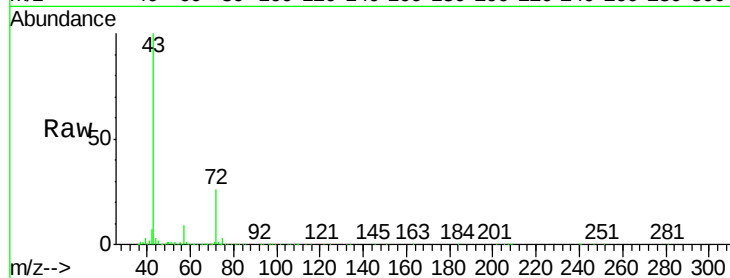
72 25.3 19.8 29.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 23.202 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018067.D

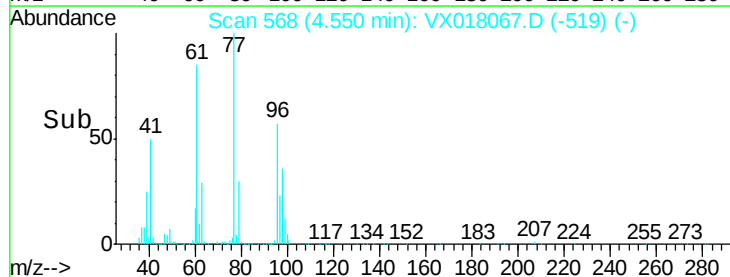
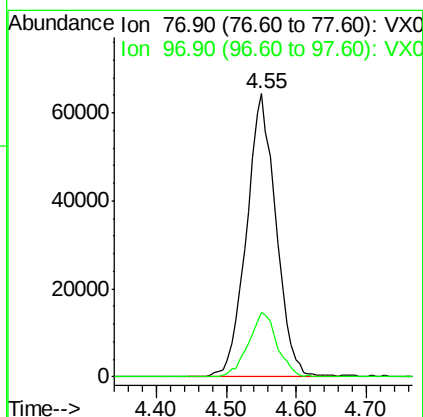
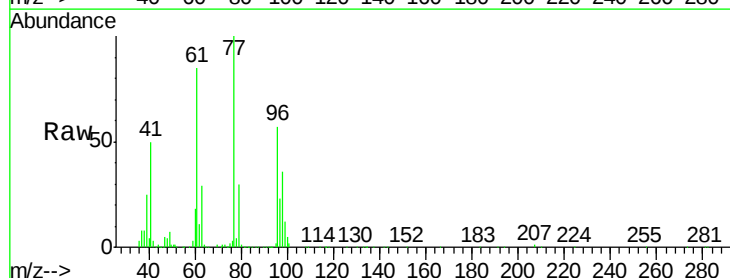
Acq: 26 Aug 2020 11:18

Tgt Ion: 77 Resp: 189143

Ion Ratio Lower Upper

77 100

97 22.1 11.5 34.5





#27

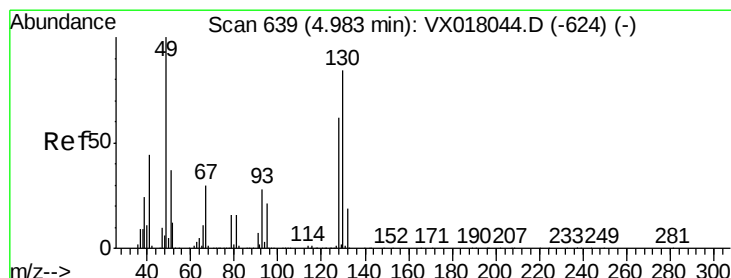
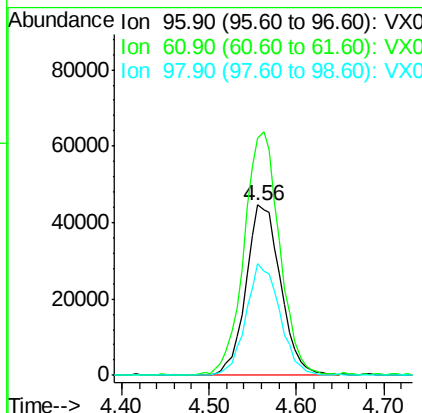
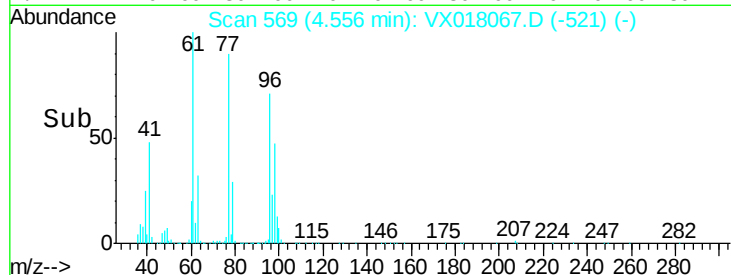
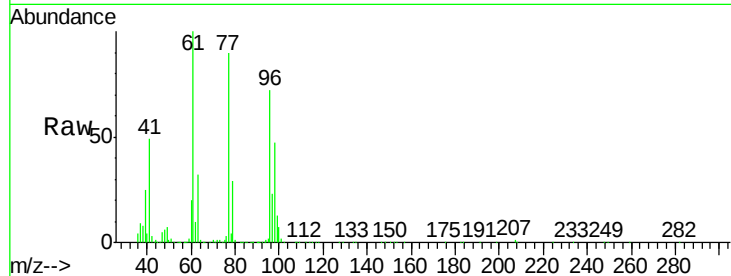
cis-1,2-Dichloroethene
Concen: 19.391 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX018067.D
Acq: 26 Aug 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VX0826WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	122866		
61	147.1	0.0	296.6	
98	64.3	0.0	130.2	

Manual Integrations
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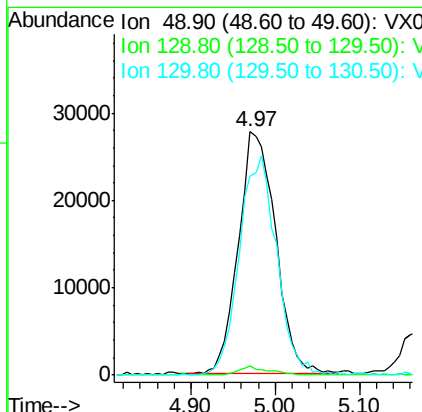
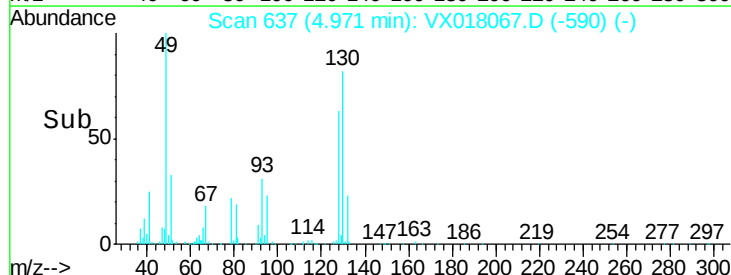
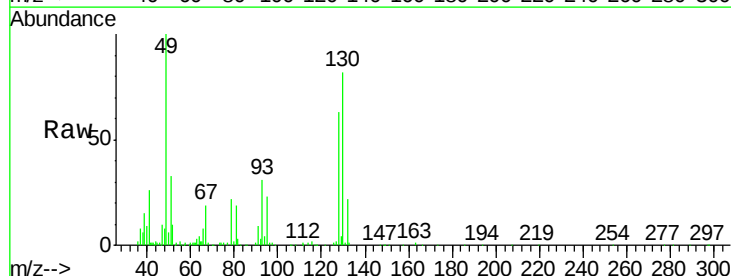
MMDadoda
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#28

Bromochloromethane
Concen: 17.139 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX018067.D
Acq: 26 Aug 2020 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	82888		
129	2.9	0.0	4.6	
130	91.0	64.6	96.8	





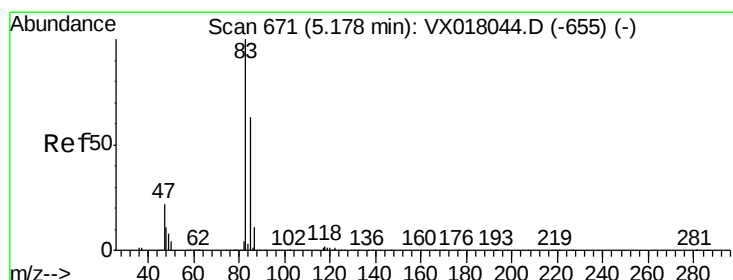
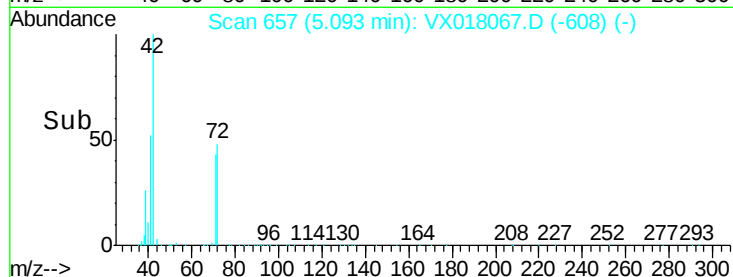
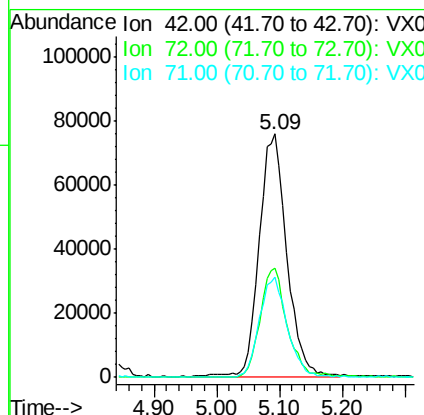
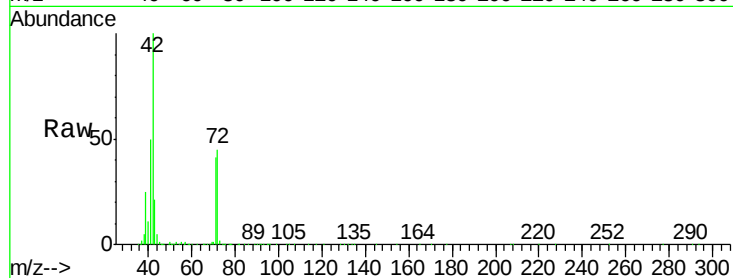
#29
Tetrahydrofuran
Concen: 80.722 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX018067.D
Acq: 26 Aug 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VX0826WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.8	34.2	51.4
71	41.4	32.1	48.1

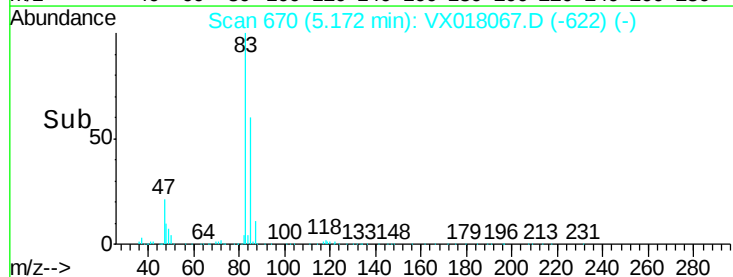
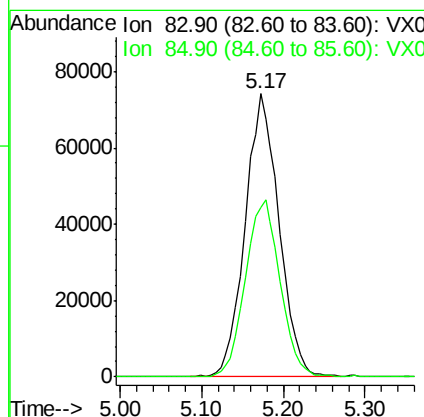
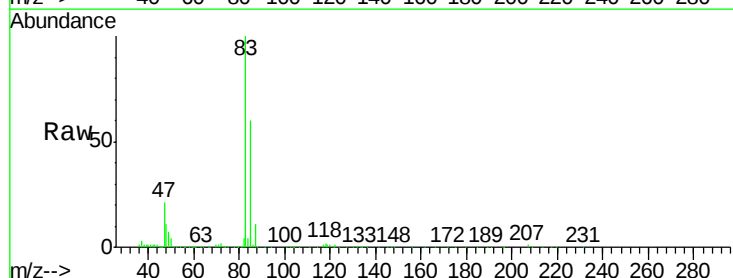
Manual Integrations
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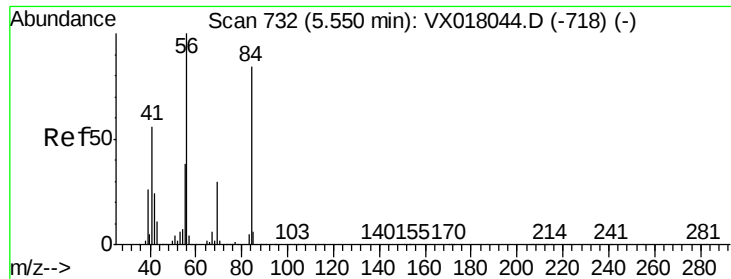
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#30
Chloroform
Concen: 20.660 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018067.D
Acq: 26 Aug 2020 11:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.0	50.7	76.1





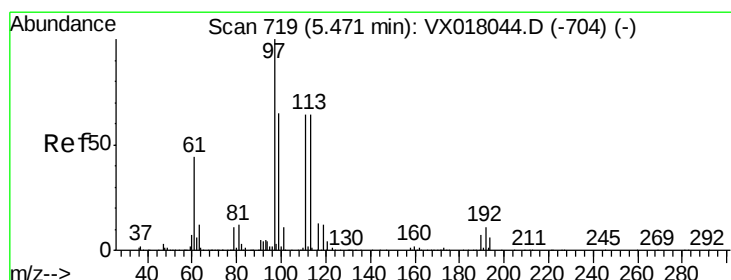
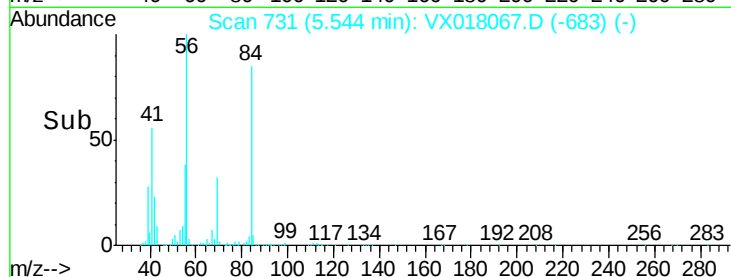
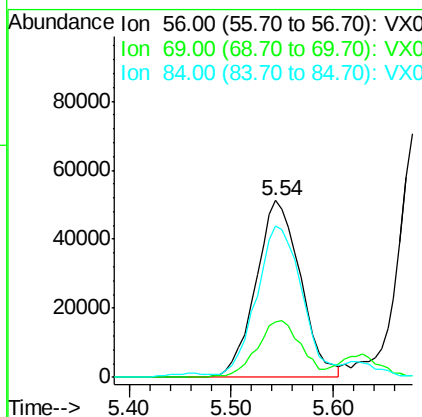
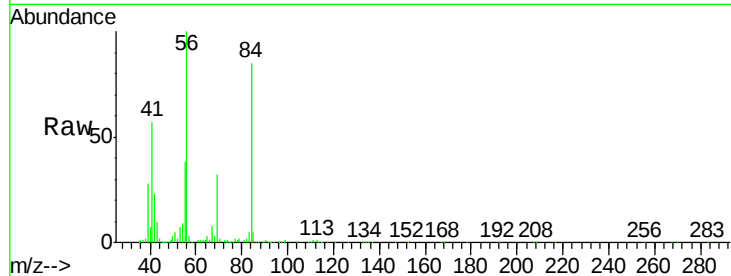
#31
Cyclohexane
Concen: 18.336 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018067.D
Acq: 26 Aug 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VX0826WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.5	23.9	35.9
84	82.9	67.0	100.4

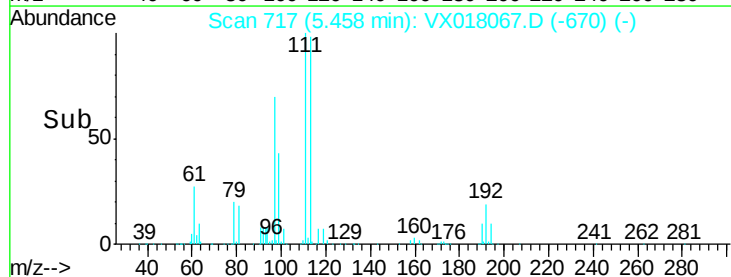
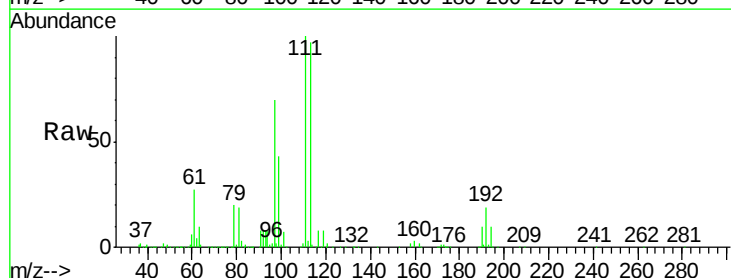
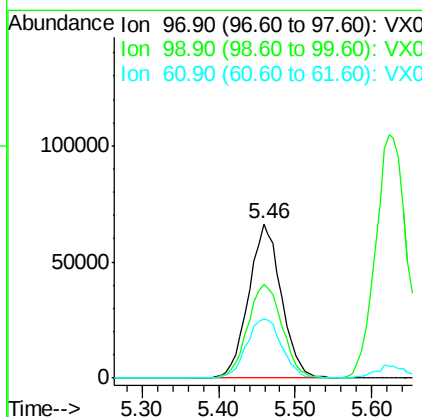
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#32
1,1,1-Trichloroethane
Concen: 20.675 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018067.D
Acq: 26 Aug 2020 11:18

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.4	77.0
61	41.4	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 48.380 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Instrument :

MSVOA_X

ClientSampled :

VX0826WBS01

Tot Ion: 65 Resp: 341139

Ion Ratio Lower Upper

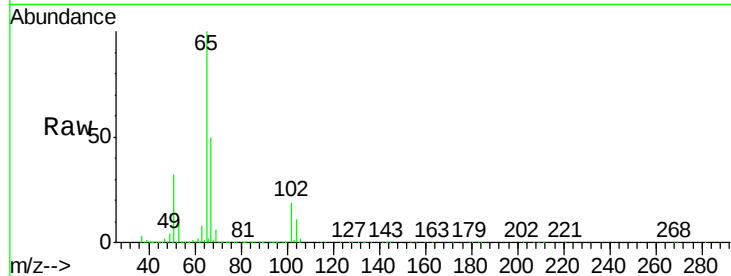
65 100

67 50.7 0.0 105.8

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

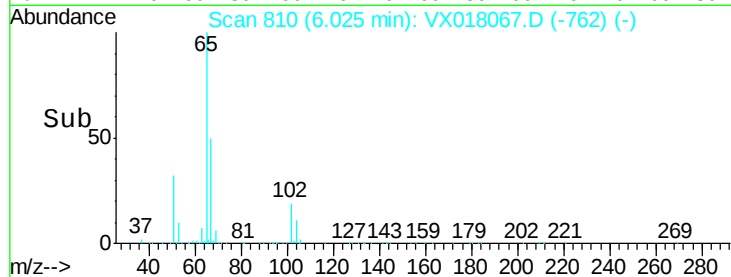
150000

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: VX018067.D

Acq: 26 Aug 2020 11:18

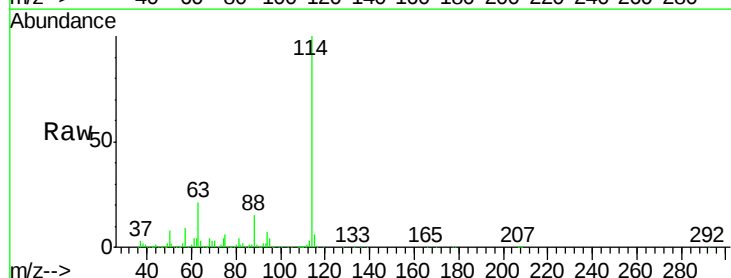
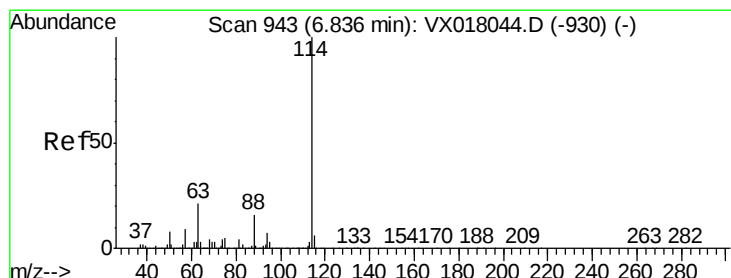
Tgt Ion: 114 Resp: 742336

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.6

88 15.4 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

400000

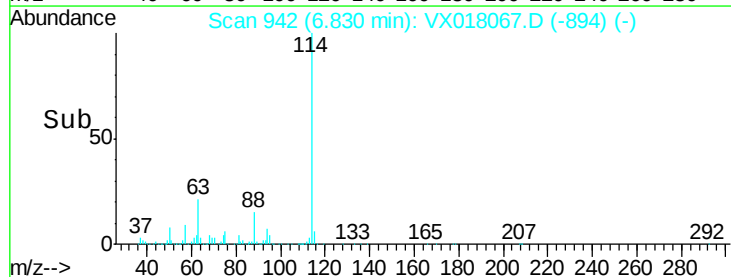
300000

200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 53.936 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Instrument :

MSVOA_X

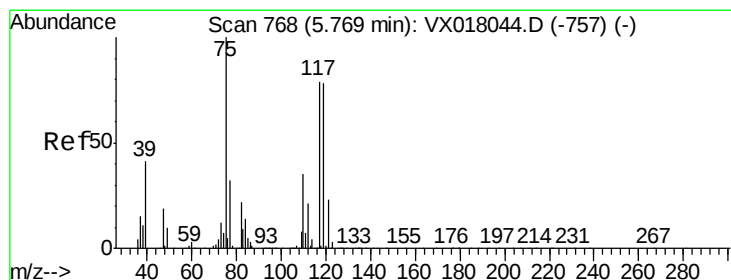
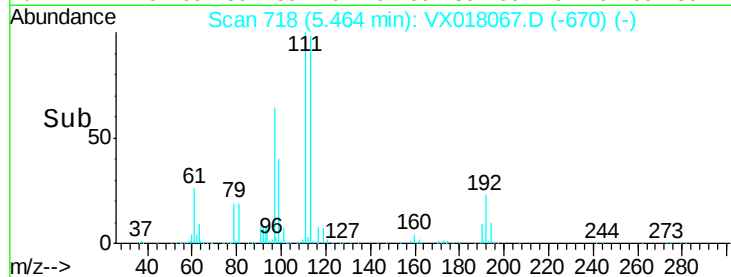
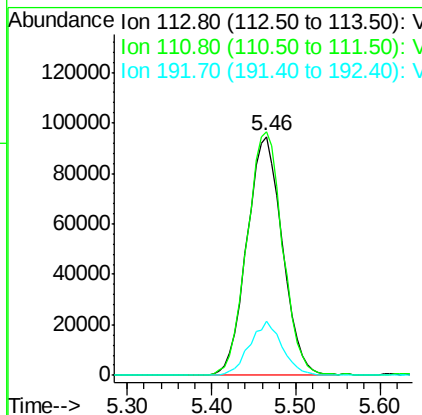
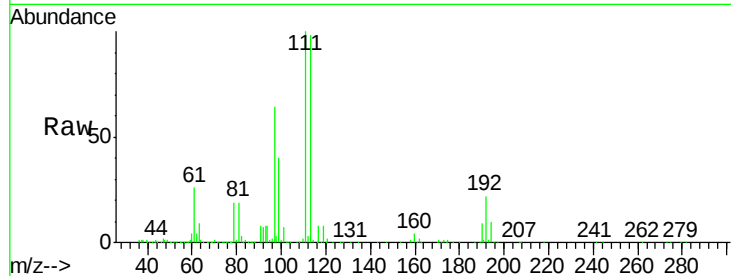
ClientSampleId :

VX0826WBS01

Tot Ion:	113	Resp:	272682
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.6	122.4
192	20.9	15.8	23.8

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#36

1,1-Dichloropropene

Concen: 20.221 ug/l

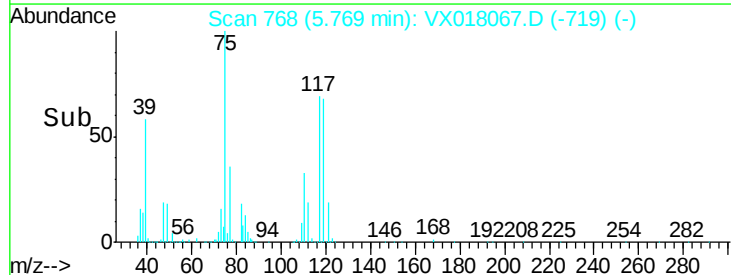
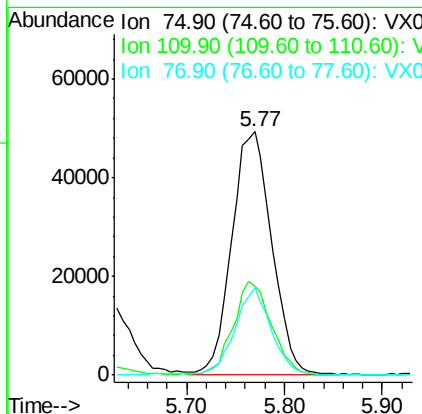
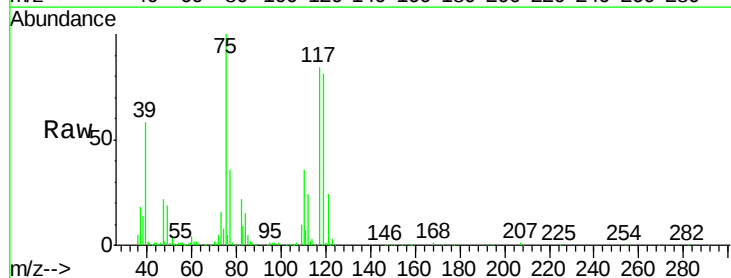
RT: 5.77 min Scan# 768

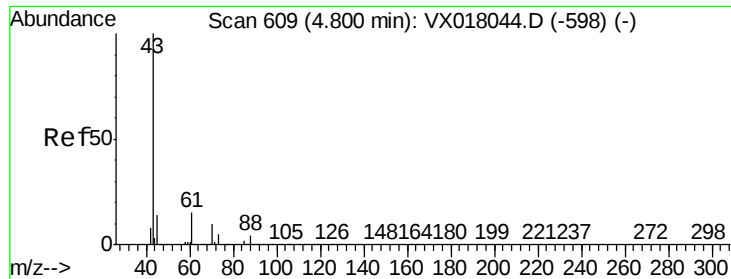
Delta R.T. -0.00 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Tgt Ion:	75	Resp:	138449
Ion Ratio	Lower	Upper	
75	100		
110	37.5	18.0	54.0
77	32.5	24.4	36.6





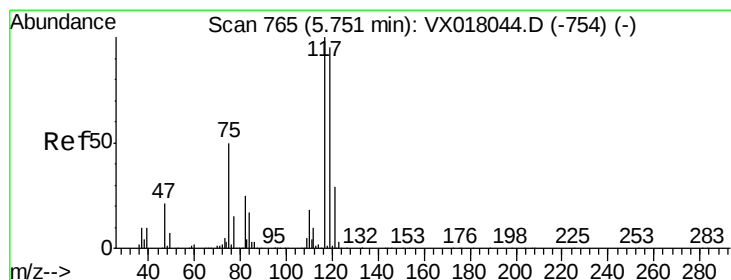
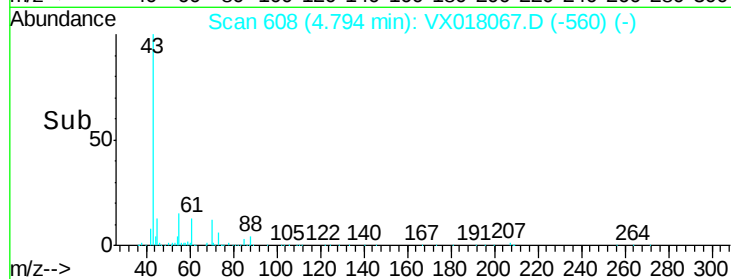
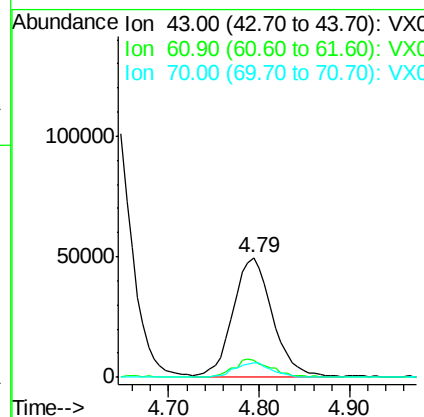
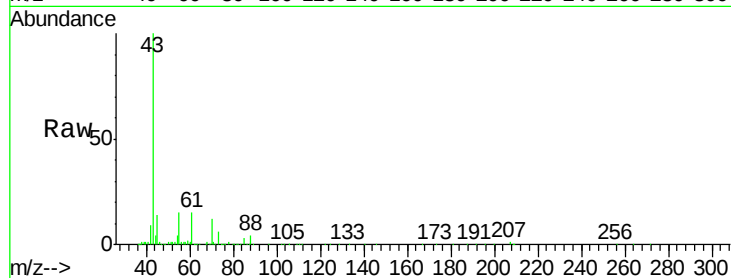
#37
Ethyl Acetate
Concen: 18.676 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018067.D
Acq: 26 Aug 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VX0826WBS01

Tot Ion:	43	Resp:	148519
Ion Ratio	Lower	Upper	
43	100		
61	13.5	11.3	16.9
70	11.7	8.2	12.4

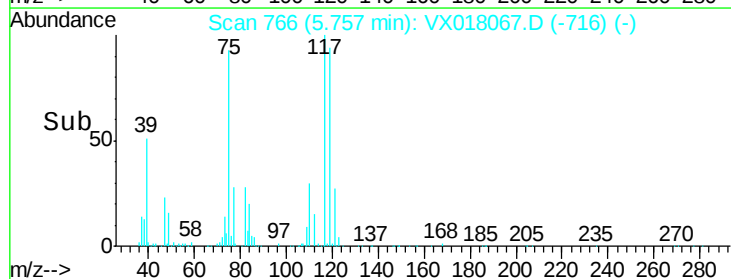
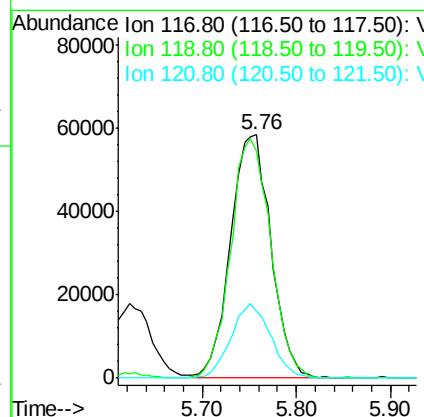
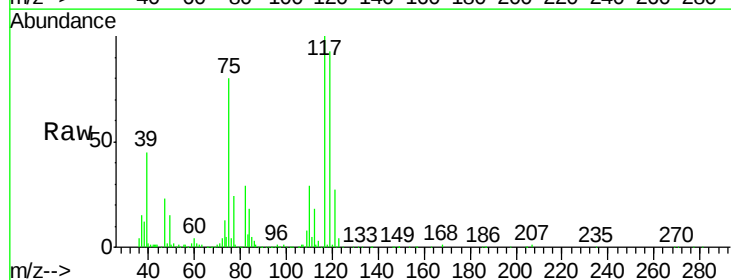
Manual Integrations
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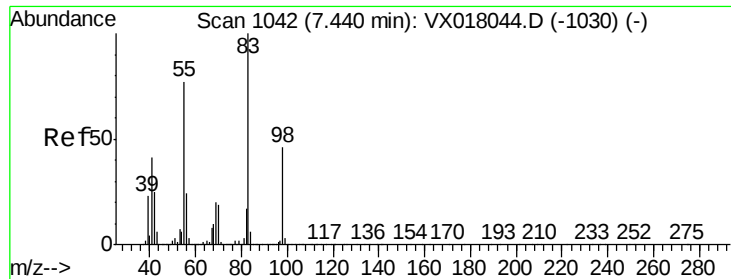
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#38
Carbon Tetrachloride
Concen: 22.625 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018067.D
Acq: 26 Aug 2020 11:18

Tgt Ion:	117	Resp:	174578
Ion Ratio	Lower	Upper	
117	100		
119	93.0	75.8	113.6
121	27.3	23.4	35.0





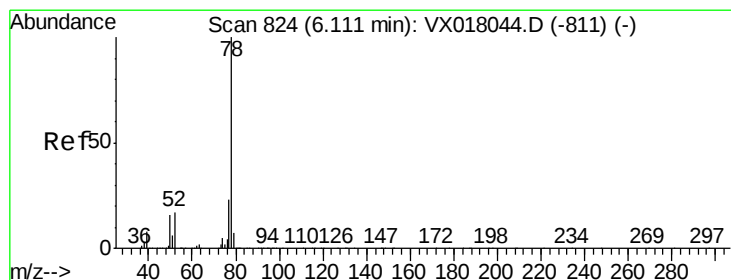
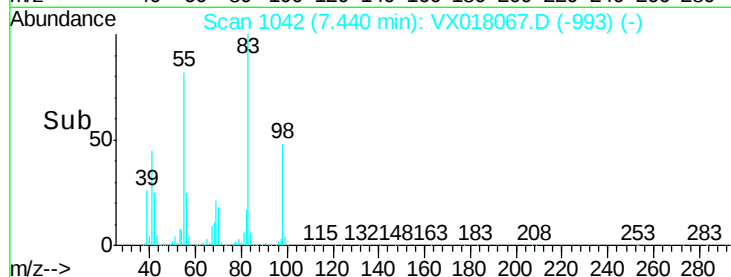
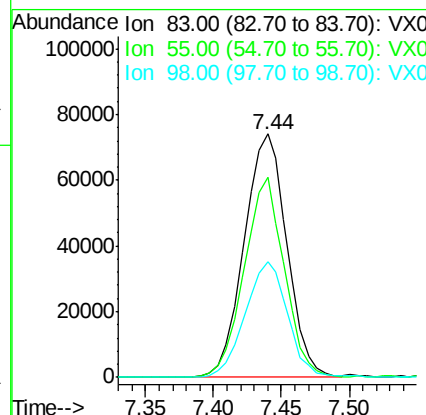
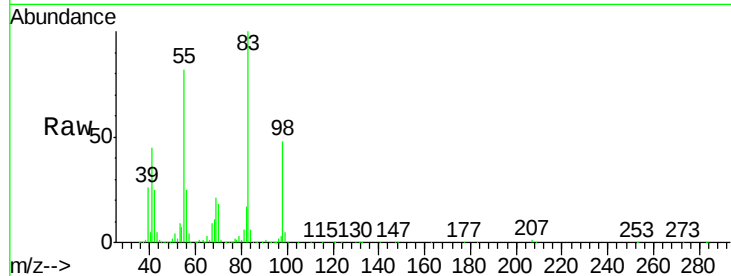
#39
Methvlcvclohexane
Concen: 21.742 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018067.D
Acq: 26 Aug 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VX0826WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.0	61.8	92.6
98	47.6	36.6	55.0

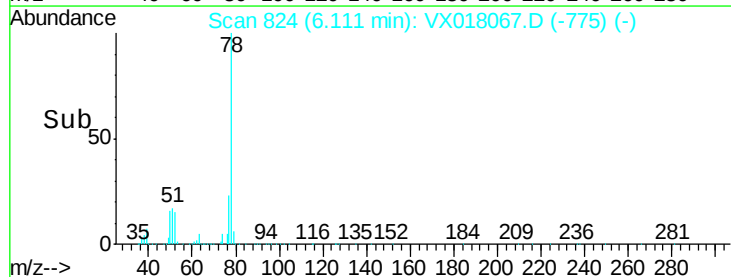
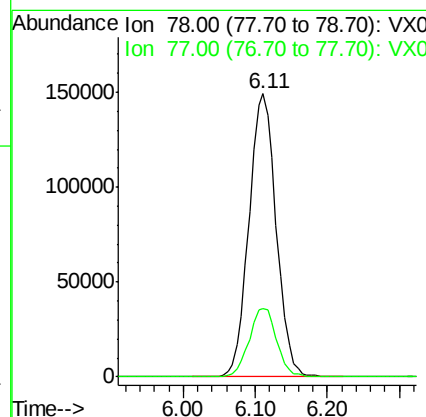
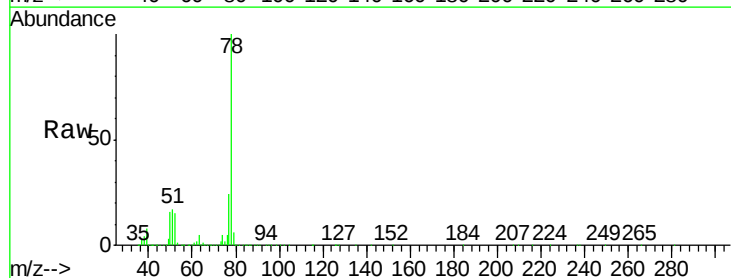
Manual Integrations
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#40
Benzene
Concen: 19.496 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018067.D
Acq: 26 Aug 2020 11:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.2	27.2





#41

Methacrylonitrile

Concen: 16.992 ug/l

RT: 5.00 min Scan# 641

Delta R.T. -0.01 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Instrument :

MSVOA_X

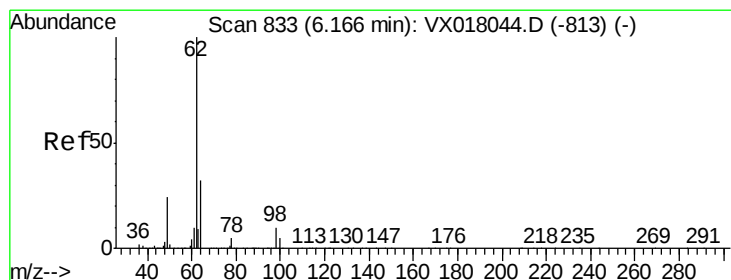
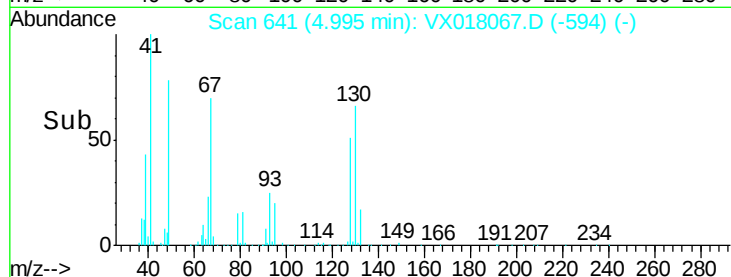
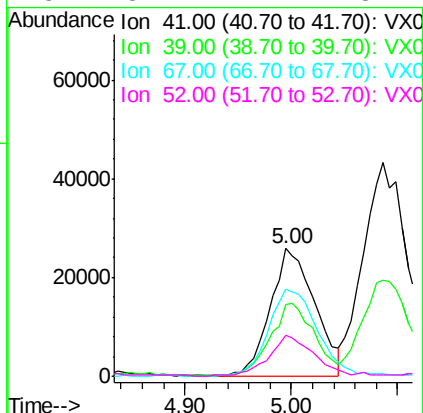
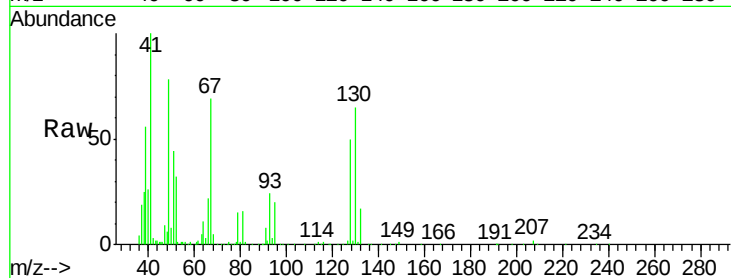
ClientSampleId :

VX0826WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.8	43.1	64.7	
67	74.8	56.0	84.0	
52	32.4	22.7	34.1	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 21.110 ug/l

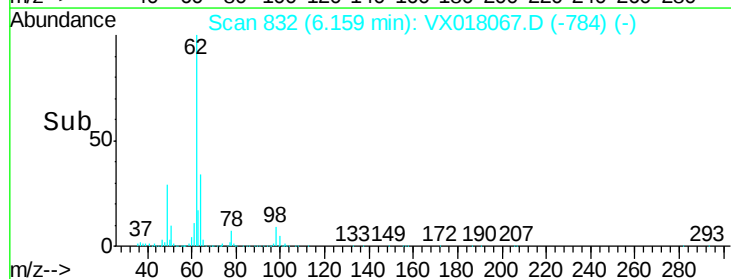
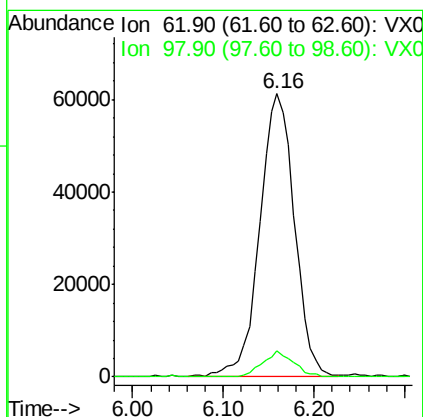
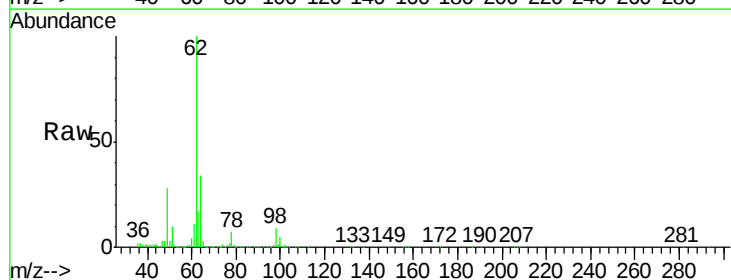
RT: 6.16 min Scan# 832

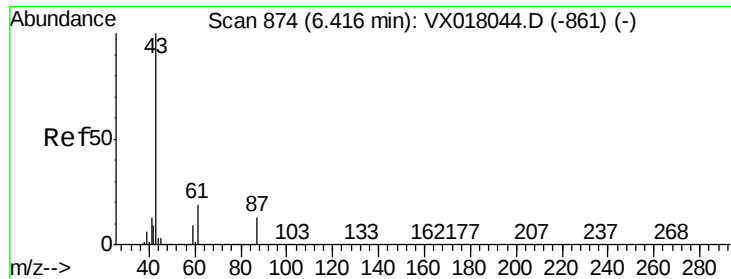
Delta R.T. -0.01 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.3	0.0	18.2	





#43

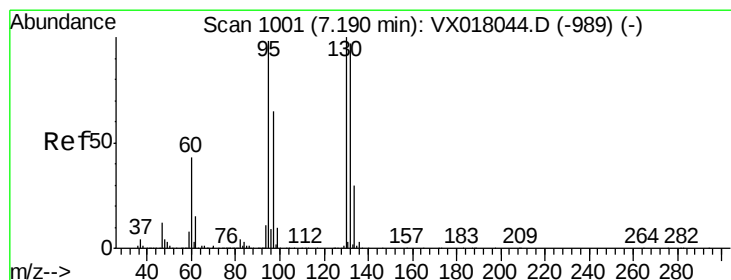
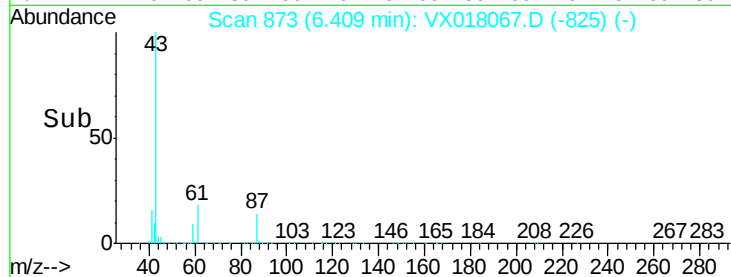
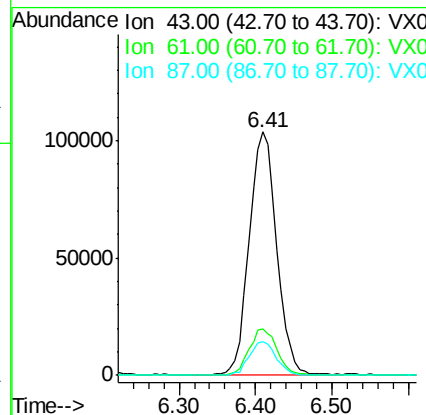
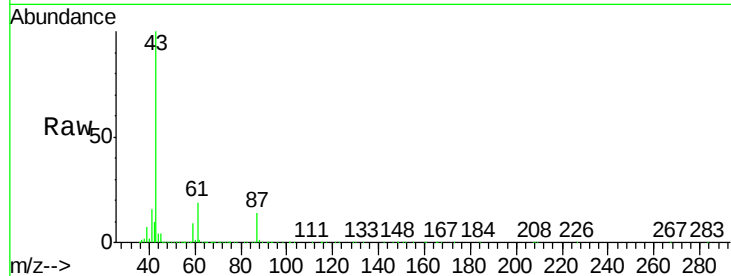
Isopropyl Acetate
 Concen: 20.256 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018067.D
 Acq: 26 Aug 2020 11:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0826WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.7	23.5
87	13.9	10.3	15.5

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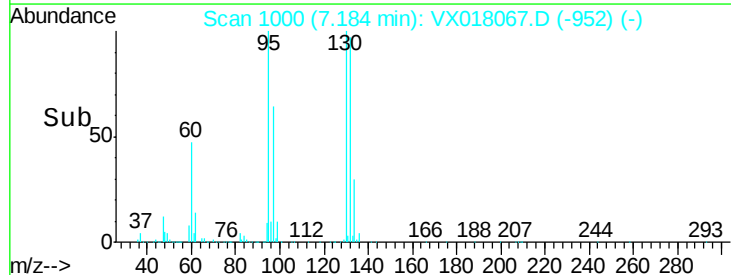
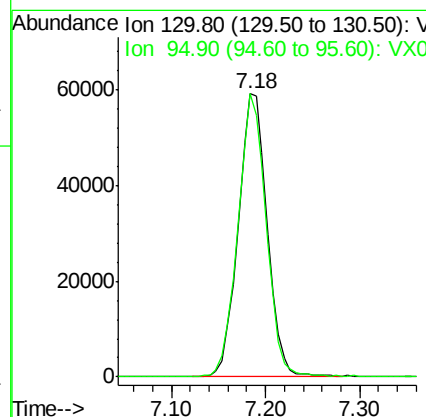
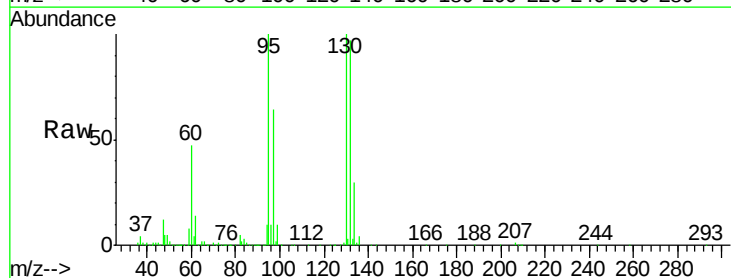
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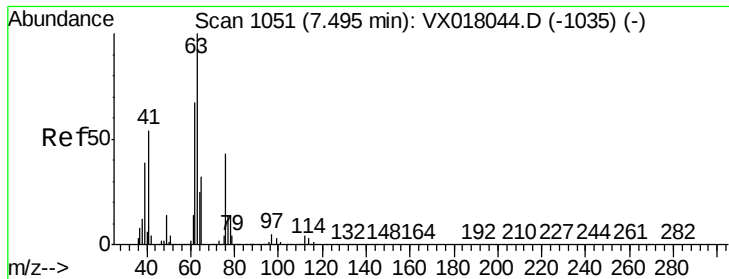


#44

Trichloroethene
 Concen: 22.308 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX018067.D
 Acq: 26 Aug 2020 11:18

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.9	0.0	196.4





#45

1,2-Dichloropropane

Concen: 19.317 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0826WBS01

Tot Ion: 63 Resp: 104746

Ion Ratio Lower Upper

63 100

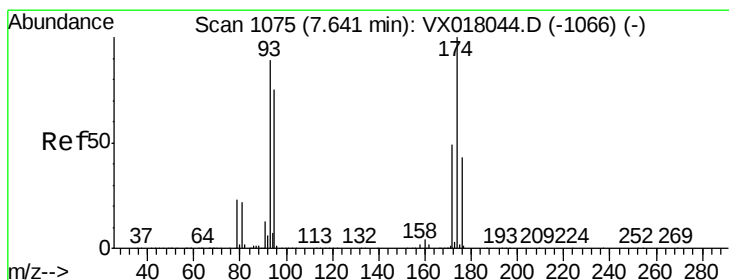
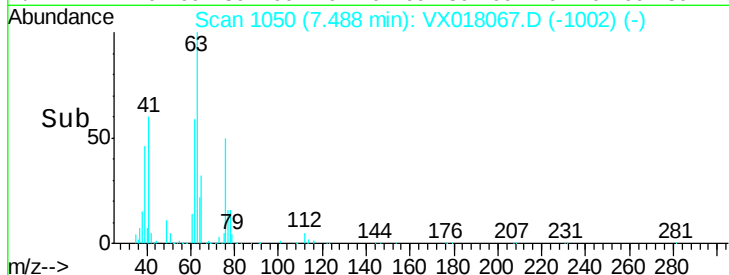
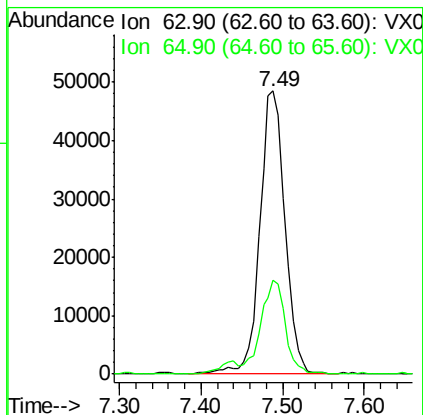
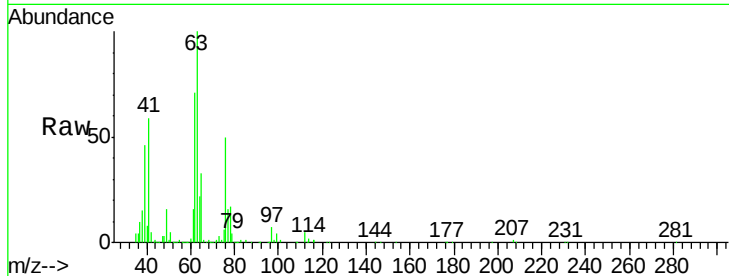
65 33.2 25.7 38.5

Manual Integrations

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#46

Dibromomethane

Concen: 20.402 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

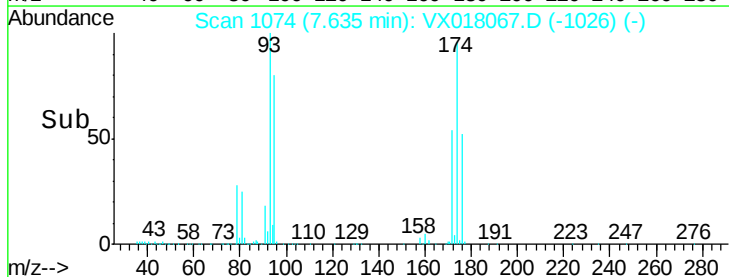
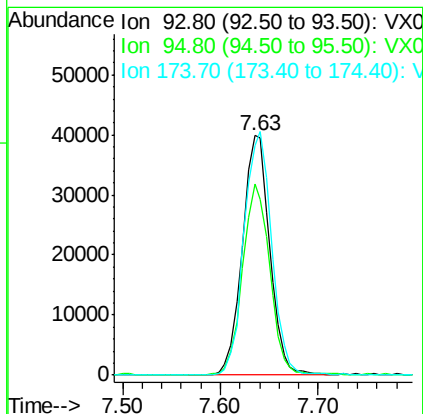
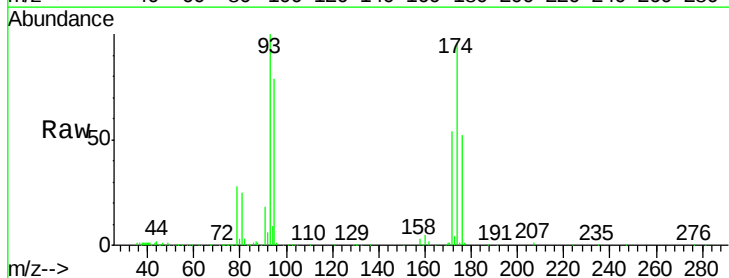
Tgt Ion: 93 Resp: 77795

Ion Ratio Lower Upper

93 100

95 79.2 67.3 100.9

174 102.2 82.2 123.2





#47

Bromodichloromethane

Concen: 20.160 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Instrument :

MSVOA_X

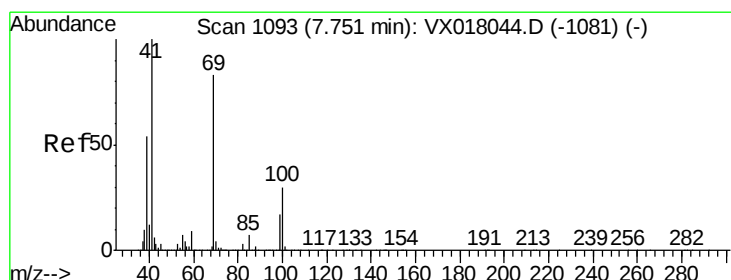
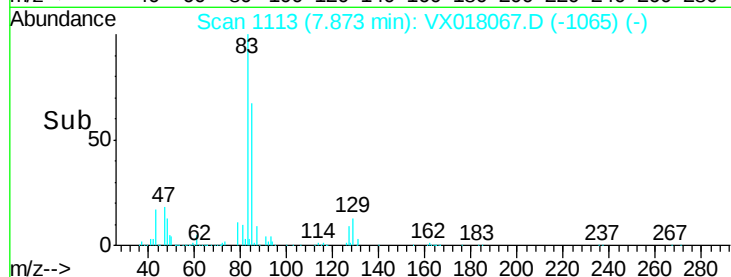
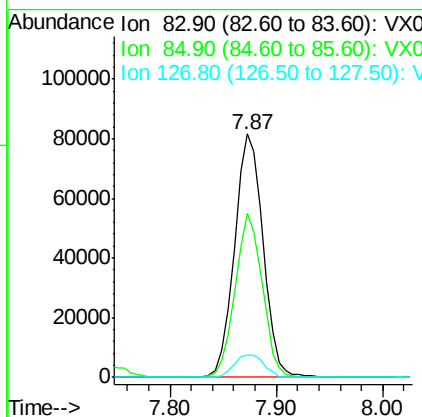
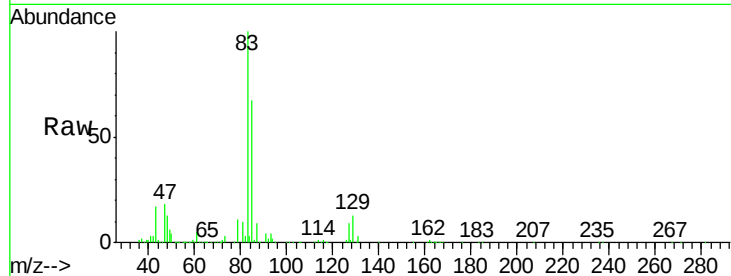
ClientSampleId :

VX0826WBS01

Tot Ion:	83	Resp:	153489
Ion Ratio	Lower	Upper	
83	100		
85	67.3	51.8	77.6
127	8.9	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 16.577 ug/l

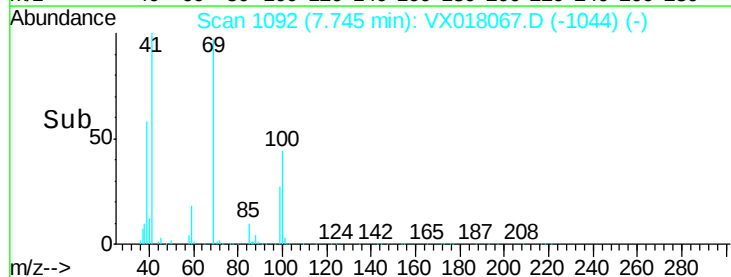
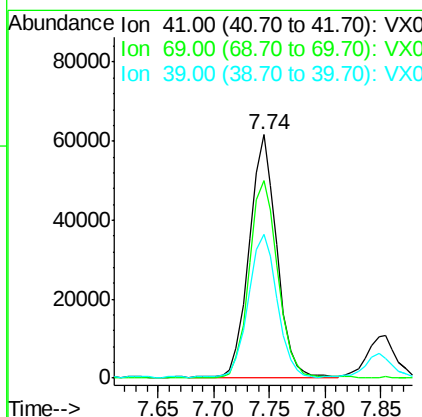
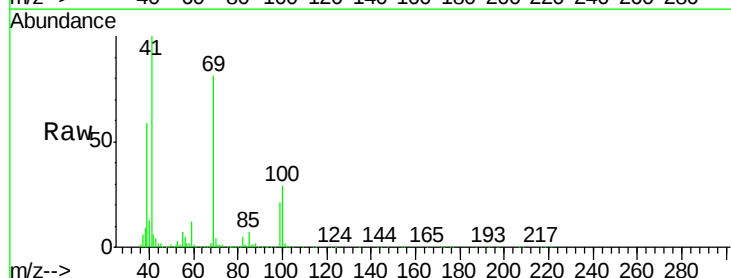
RT: 7.74 min Scan# 1092

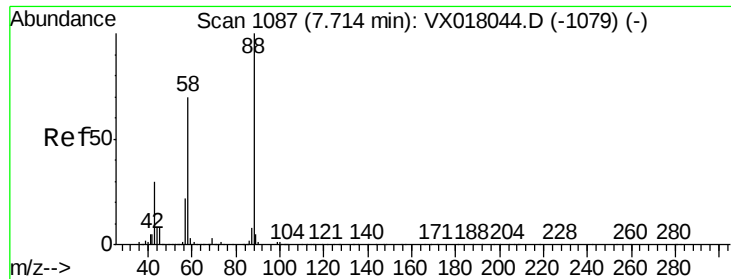
Delta R.T. -0.01 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Tgt Ion:	41	Resp:	105995
Ion Ratio	Lower	Upper	
41	100		
69	84.9	65.5	98.3
39	61.3	44.5	66.7





#49

1,4-Dioxane

Concen: 342.066 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Instrument :

MSVOA_X

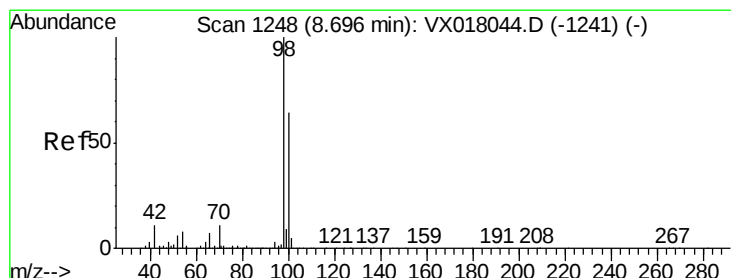
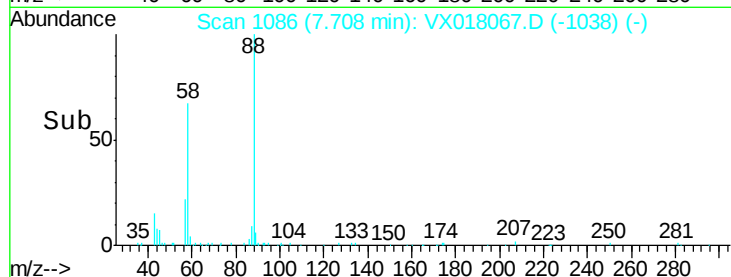
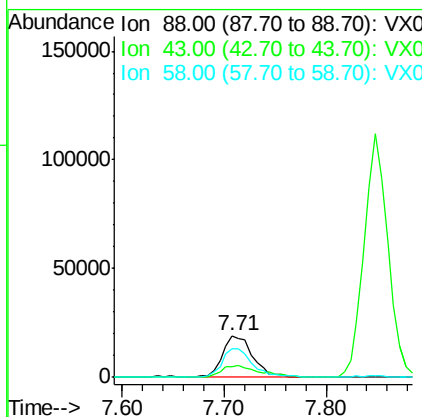
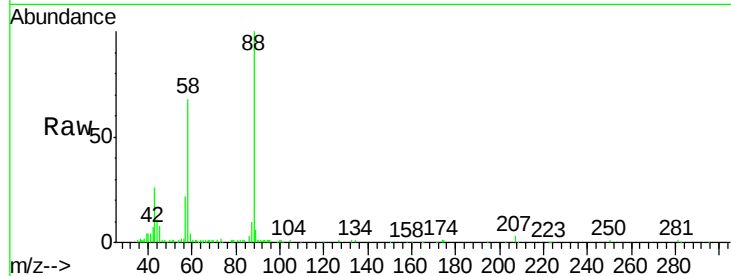
ClientSampleId :

VX0826WBS01

Tot Ion:	88	Resp:	39619
Ion Ratio	Lower	Upper	
88	100		
43	34.9	27.4	41.0
58	69.8	56.4	84.6

Manual Integrations
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#50

Toluene-d8

Concen: 49.485 ug/l

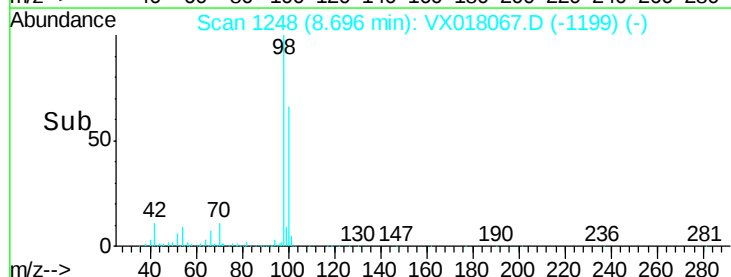
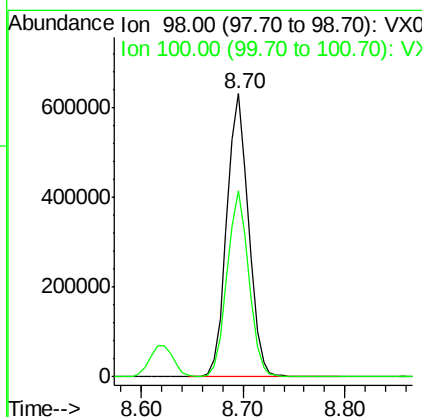
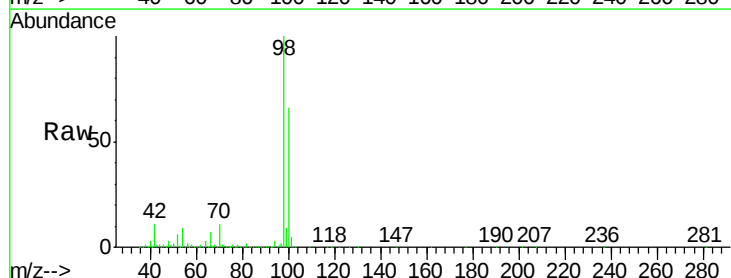
RT: 8.70 min Scan# 1248

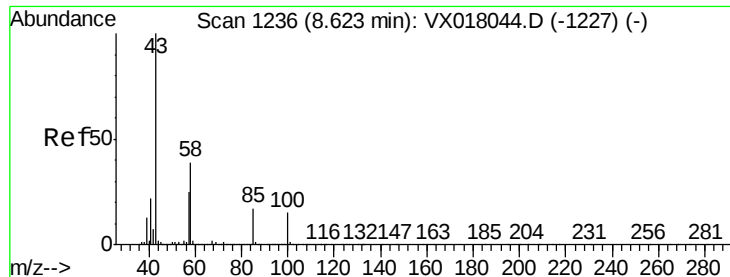
Delta R.T. -0.00 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Tgt Ion:	98	Resp:	931816
Ion Ratio	Lower	Upper	
98	100		
100	65.5	52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 89.532 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0826WBS01

Tot Ion: 43 Resp: 710353

Ion Ratio Lower Upper

43 100

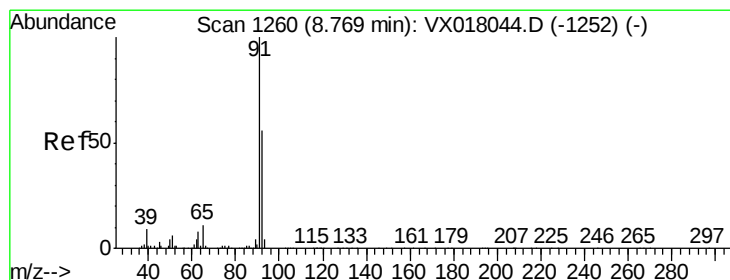
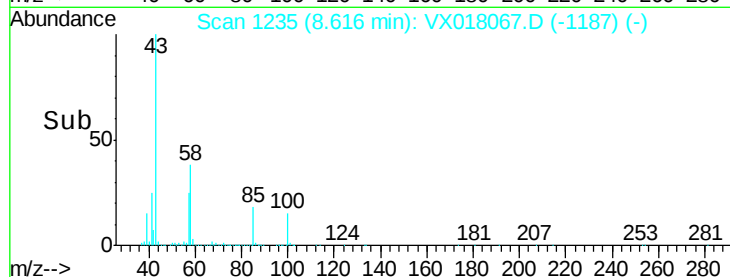
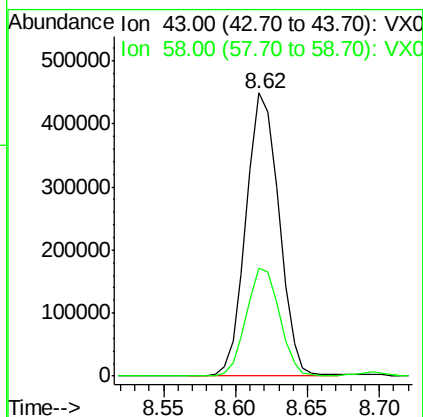
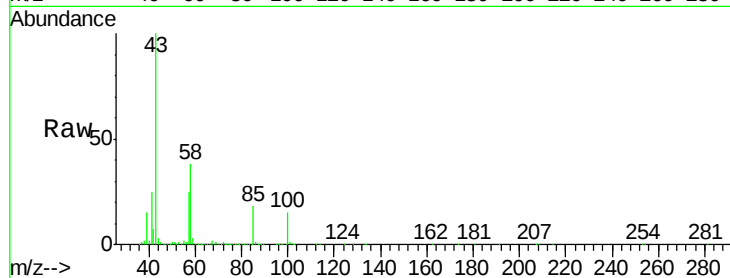
58 38.6 30.7 46.1

Manual Integrations

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#52

Toluene

Concen: 19.447 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018067.D

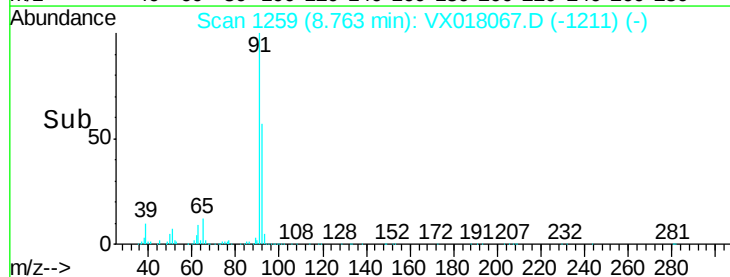
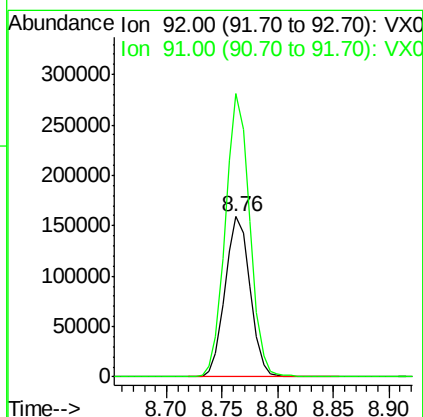
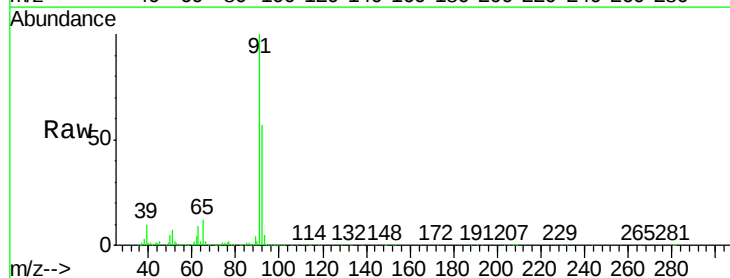
Acq: 26 Aug 2020 11:18

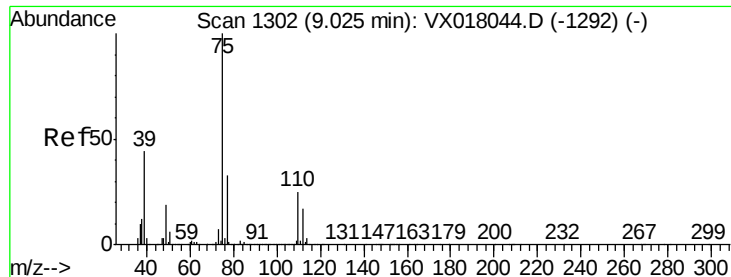
Tgt Ion: 92 Resp: 248090

Ion Ratio Lower Upper

92 100

91 172.1 140.3 210.5





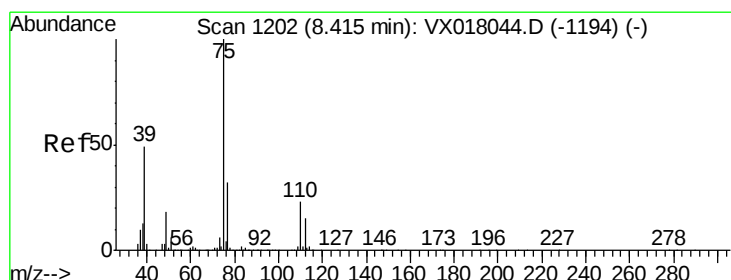
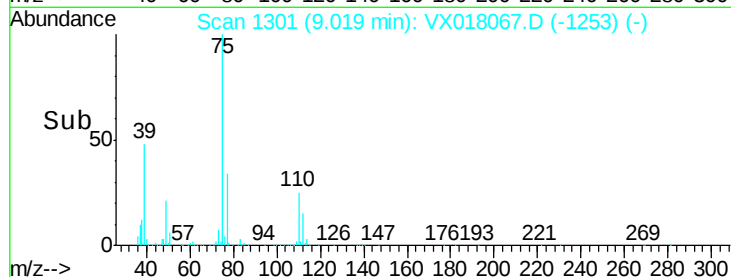
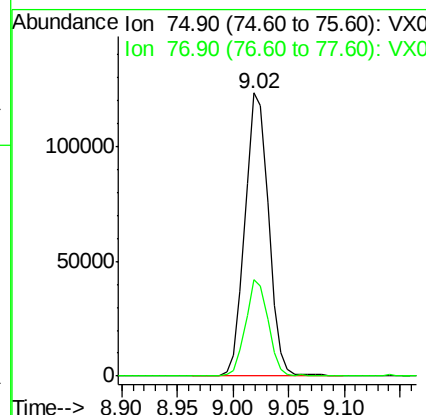
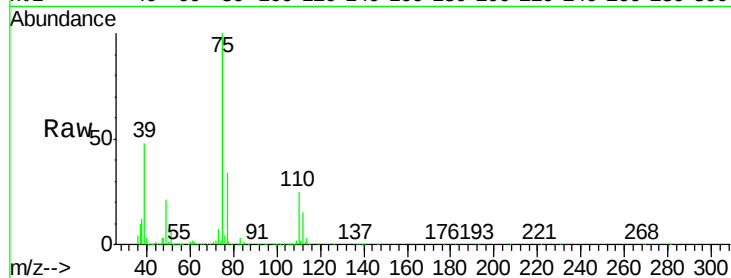
#53
 t-1,3-Dichloropropene
 Concen: 21.582 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VX018067.D
 Acq: 26 Aug 2020 11:18

Instrument :
 MSVOA_X
 ClientSampled :
 VX0826WBS01

Tot Ion: 75 Resp: 182110
 Ion Ratio Lower Upper
 75 100
 77 33.8 26.6 39.8

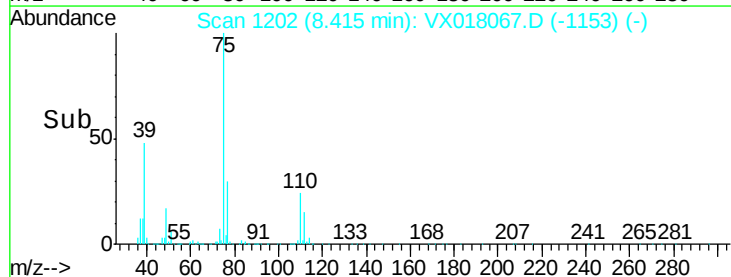
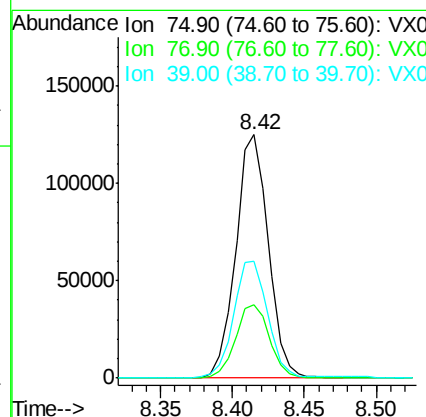
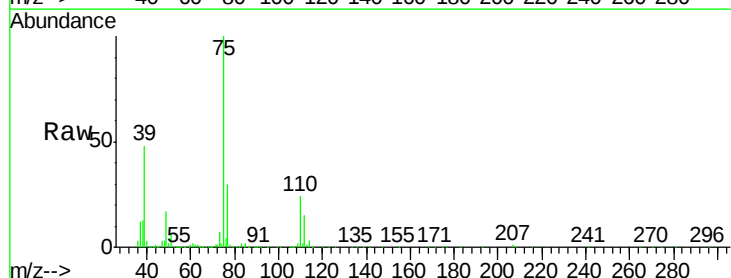
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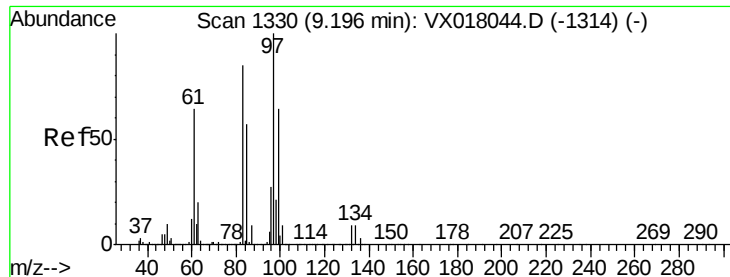
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#54
 cis-1,3-Dichloropropene
 Concen: 21.972 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX018067.D
 Acq: 26 Aug 2020 11:18

Tgt Ion: 75 Resp: 196404
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.8 38.8
 39 47.7 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 19.564 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Instrument :

MSVOA_X

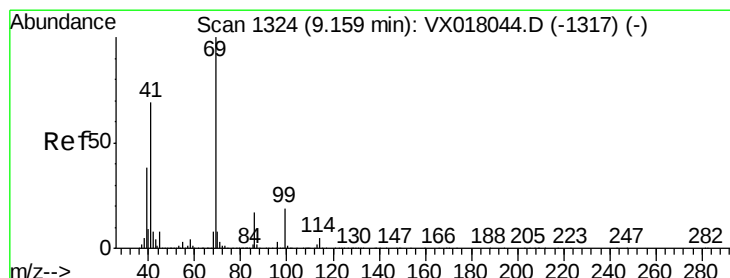
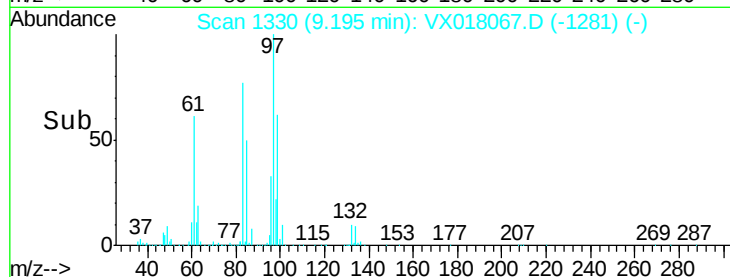
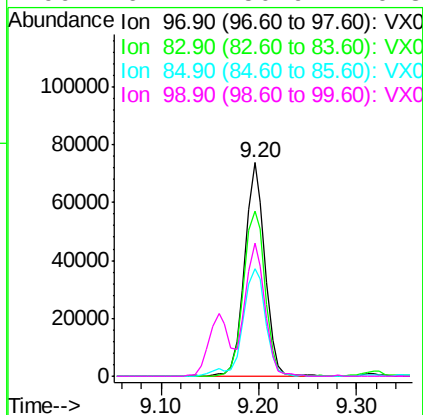
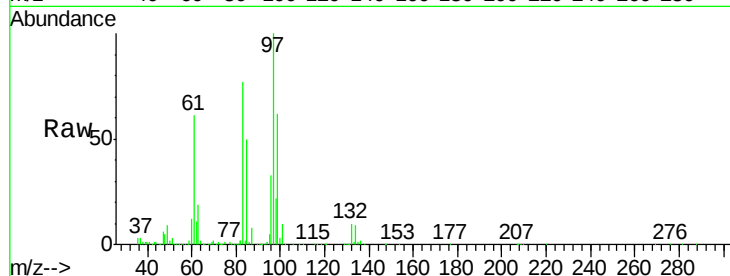
ClientSampleId :

VX0826WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		106448		
83	77.1	67.8	101.6		
85	50.4	45.3	67.9		
99	62.1	50.9	76.3		

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#56

Ethyl methacrylate

Concen: 18.886 ug/l

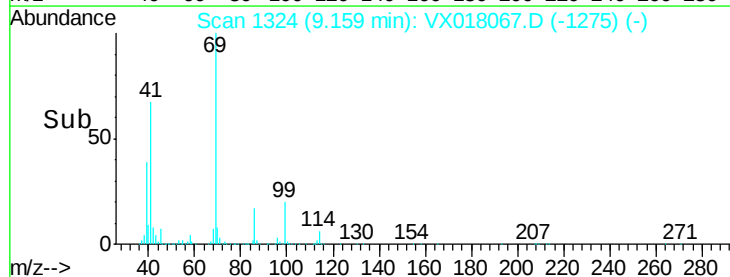
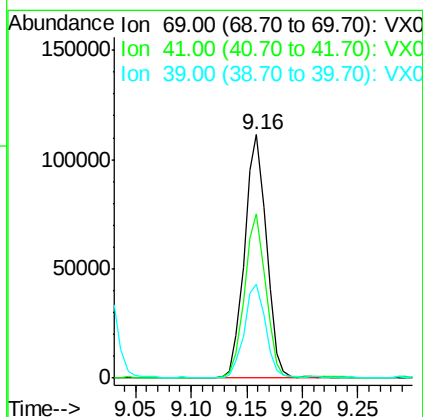
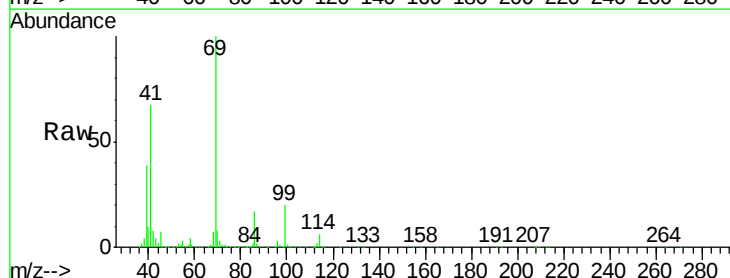
RT: 9.16 min Scan# 1324

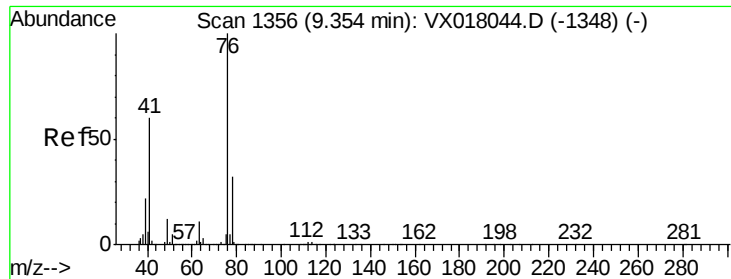
Delta R.T. -0.00 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		152761		
41	64.3	54.6	81.8		
39	37.4	29.1	43.7		





#57

1,3-Dichloropropane

Concen: 19.680 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0826WBS01

Tot Ion: 76 Resp: 176610

Ion Ratio Lower Upper

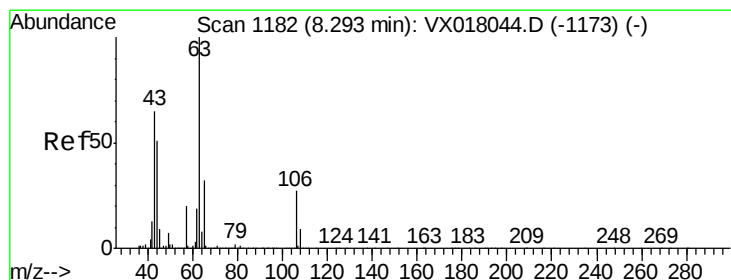
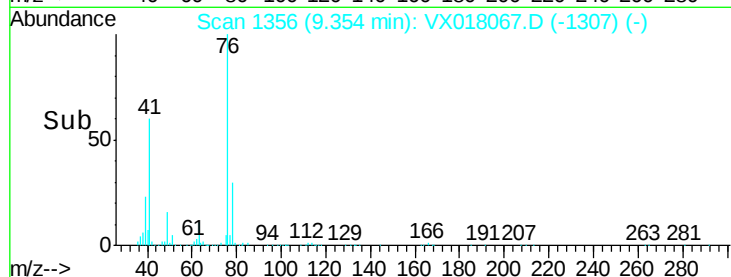
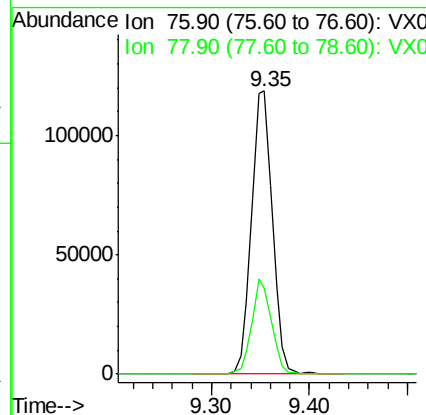
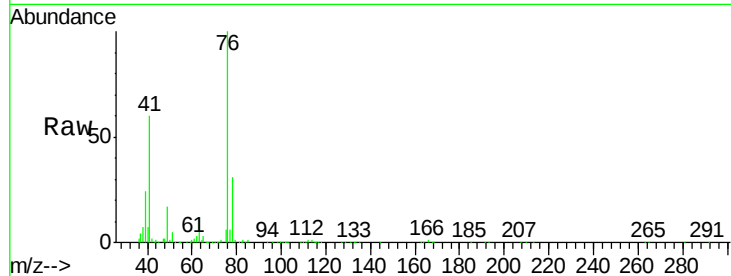
76 100

78 32.1 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 92.318 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018067.D

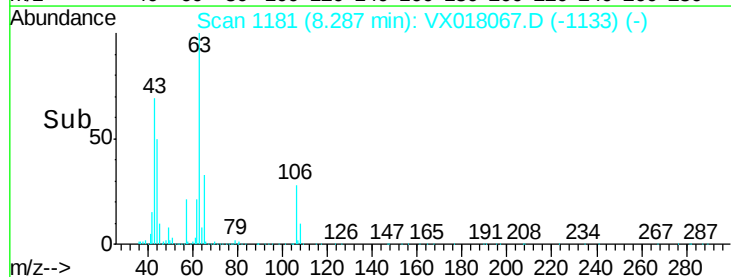
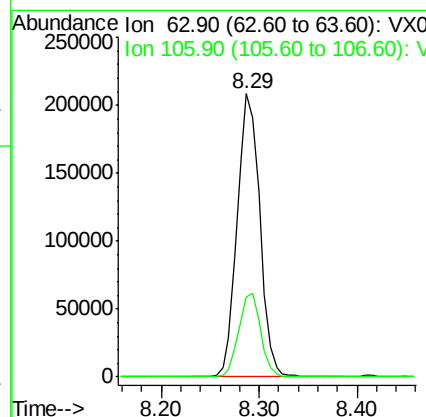
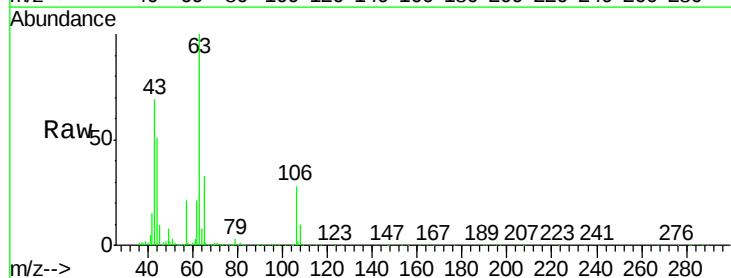
Acq: 26 Aug 2020 11:18

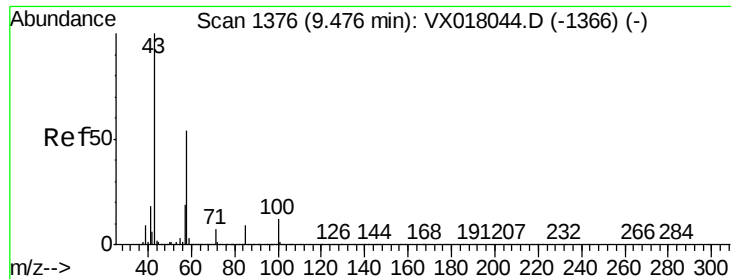
Tgt Ion: 63 Resp: 335908

Ion Ratio Lower Upper

63 100

106 28.6 22.1 33.1





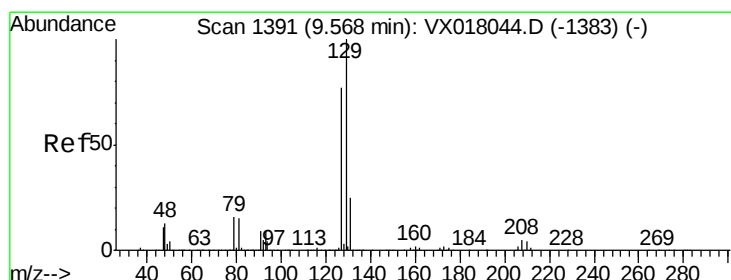
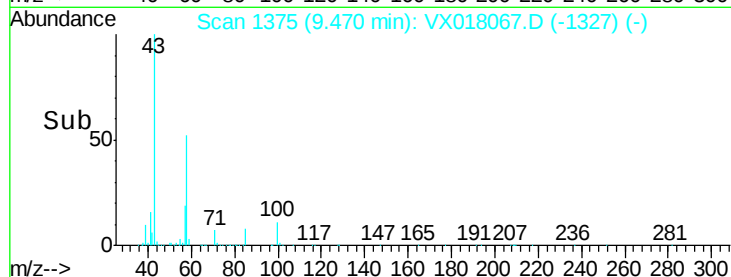
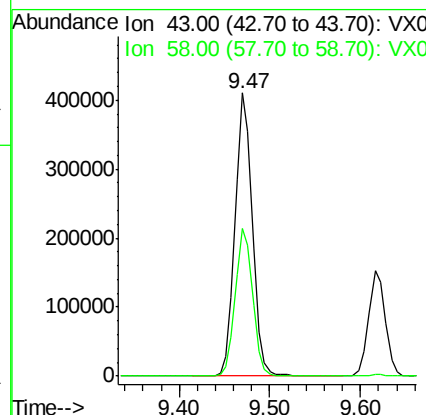
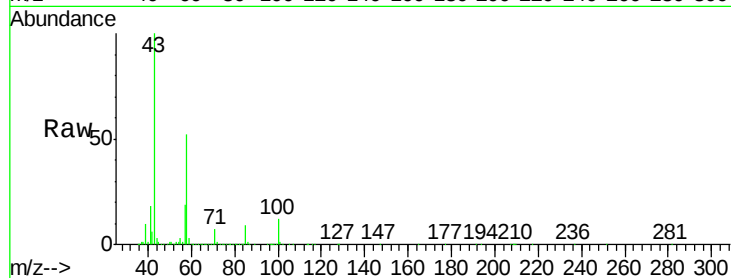
#59
2-Hexanone
Concen: 89.709 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018067.D
Acq: 26 Aug 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VX0826WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.8	26.6	79.7

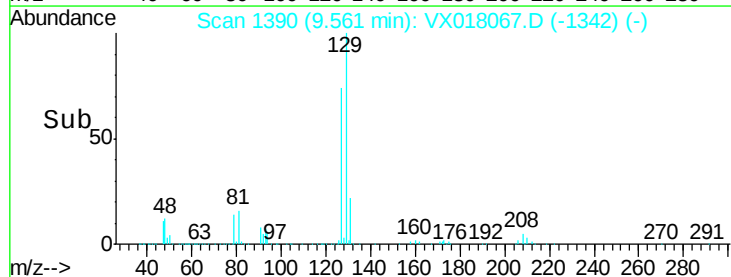
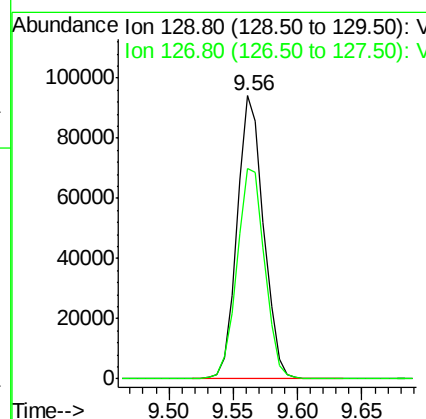
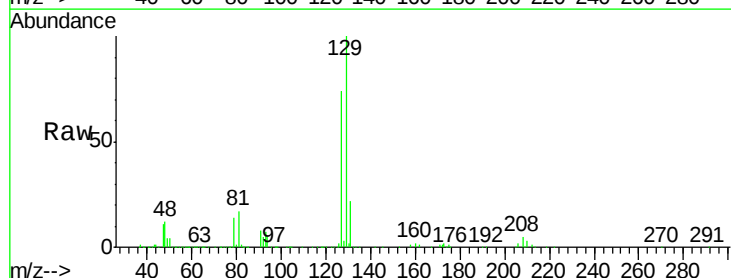
Manual Integrations
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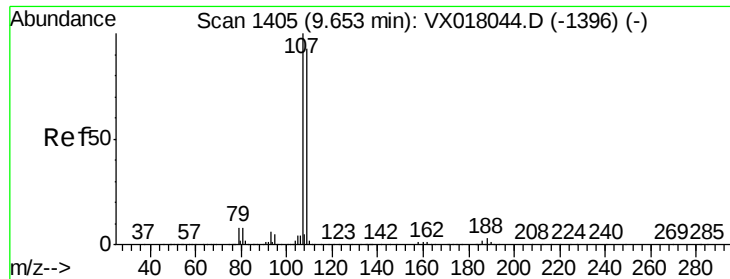
MMDadoda
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#60
Dibromochloromethane
Concen: 21.133 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018067.D
Acq: 26 Aug 2020 11:18

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.8	38.9	116.6





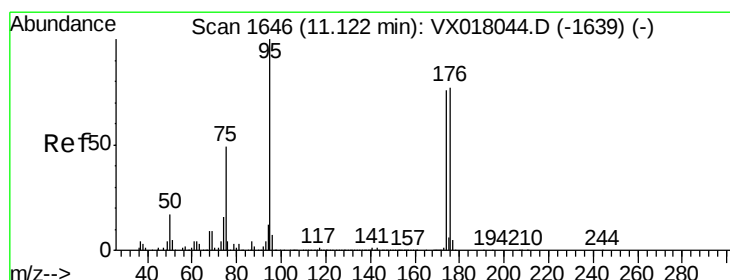
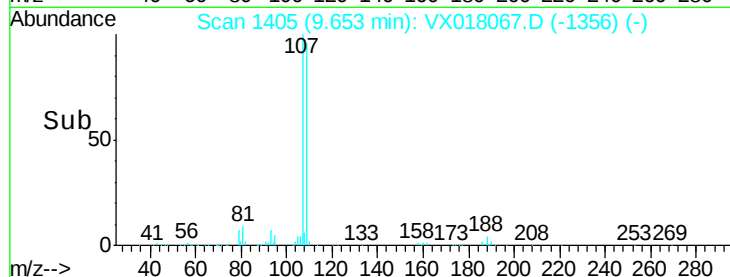
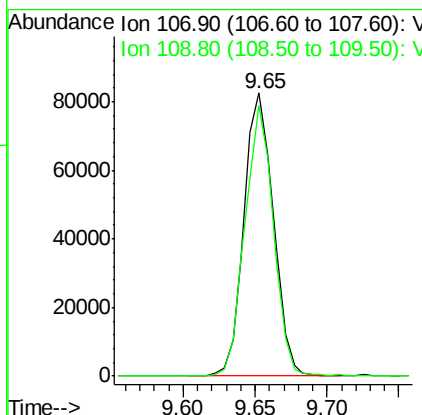
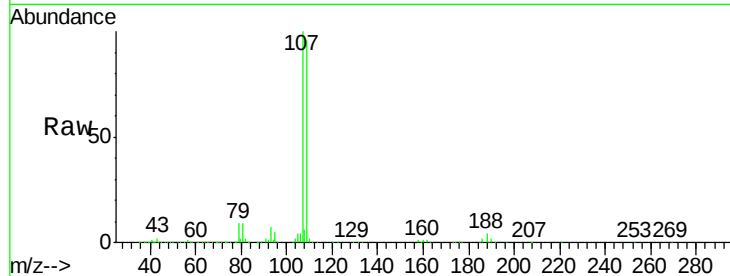
#61
 1,2-Dibromoethane
 Concen: 19.779 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX018067.D
 Acq: 26 Aug 2020 11:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0826WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.6	75.9	113.9

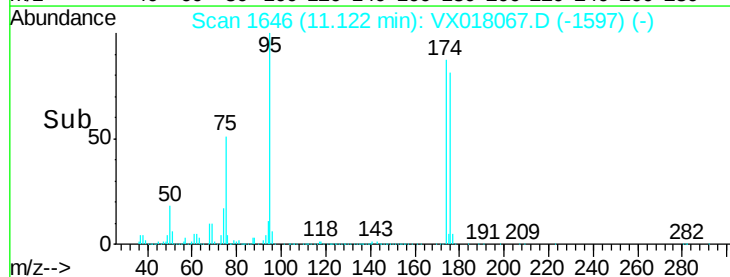
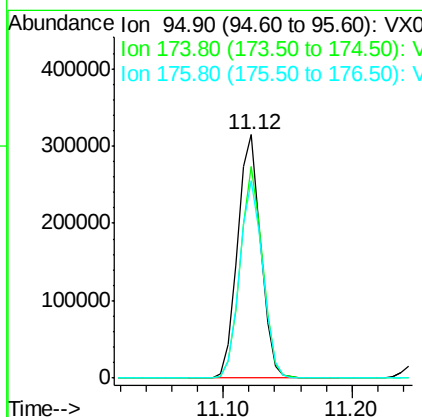
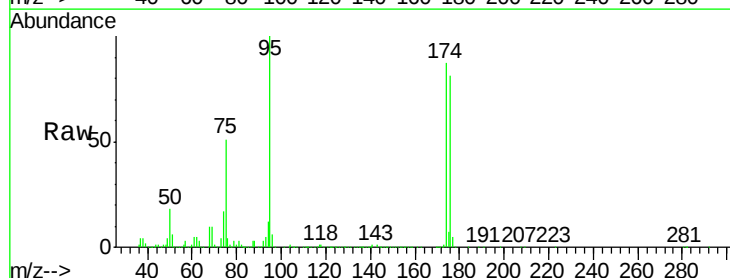
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 53.174 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX018067.D
 Acq: 26 Aug 2020 11:18

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.2	0.0	160.2
176	80.5	0.0	155.8





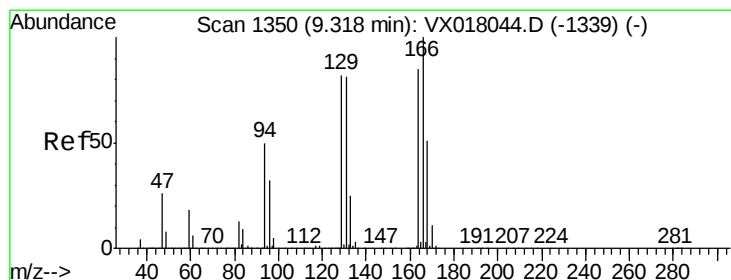
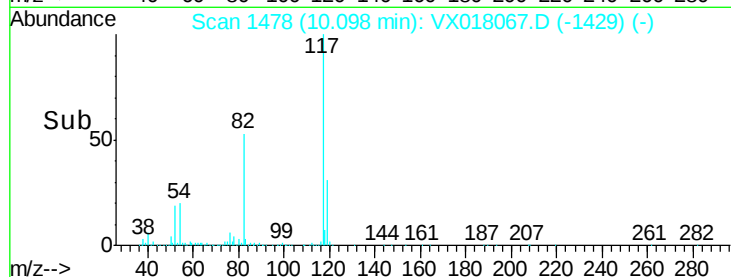
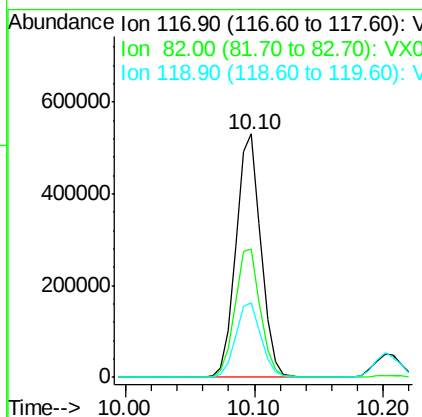
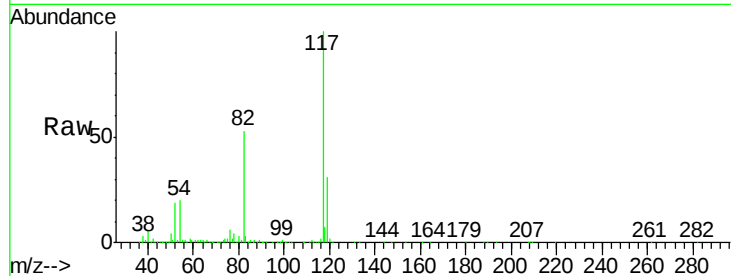
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018067.D
Acq: 26 Aug 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VX0826WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	712165		
82	53.0	44.2	66.2	
119	30.7	25.7	38.5	

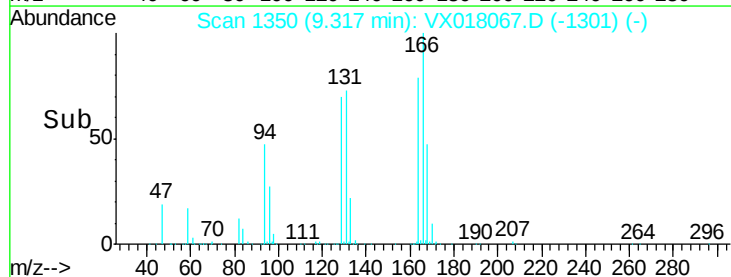
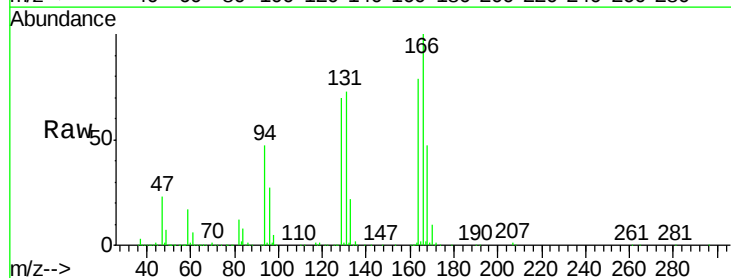
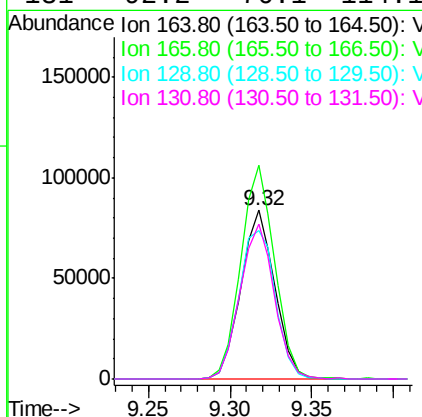
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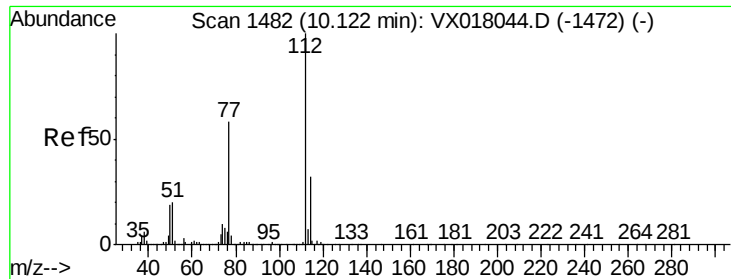
MMDadoda
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#64
Tetrachloroethene
Concen: 23.214 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018067.D
Acq: 26 Aug 2020 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	121488		
166	126.6	94.2	141.2	
129	88.3	76.9	115.3	
131	92.2	76.1	114.1	





#65

Chlorobenzene

Concen: 19.473 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0826WBS01

Tot Ion:112 Resp: 276973

Ion Ratio Lower Upper

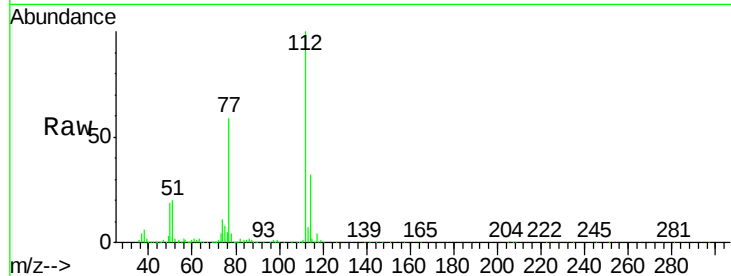
112 100

114 31.6 25.7 38.5

Manual Integrations
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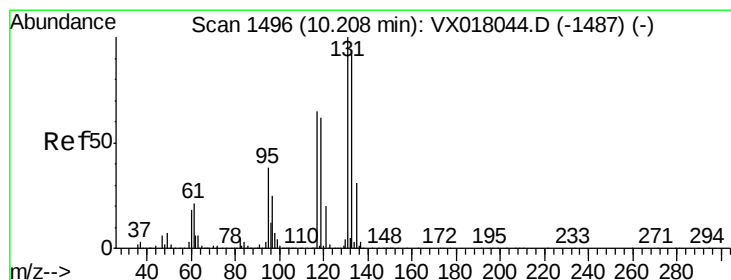
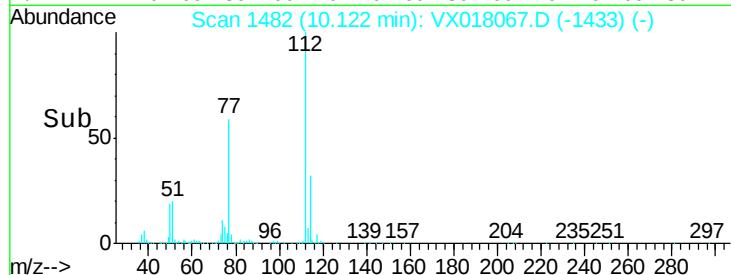
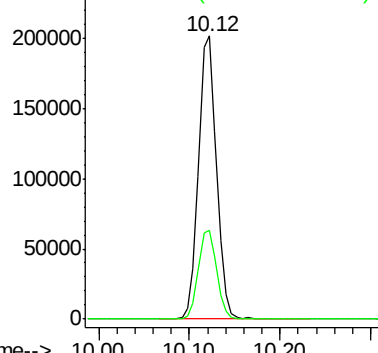
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.499 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

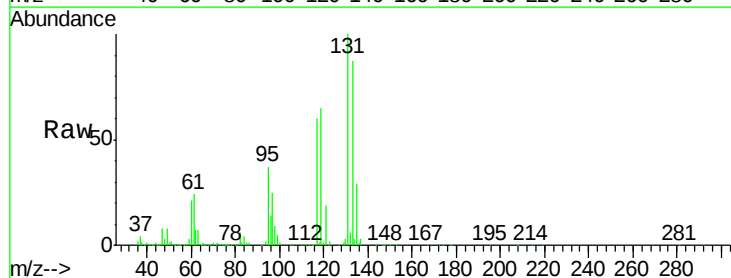
Tgt Ion:131 Resp: 114917

Ion Ratio Lower Upper

131 100

133 95.2 46.7 140.1

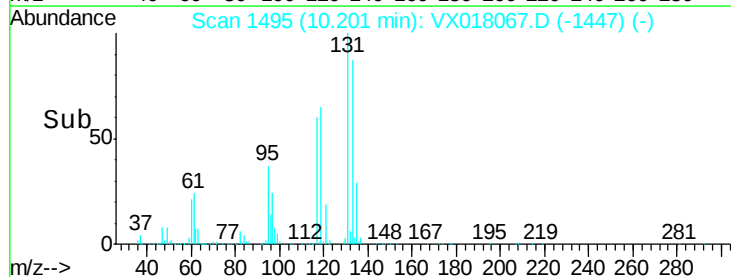
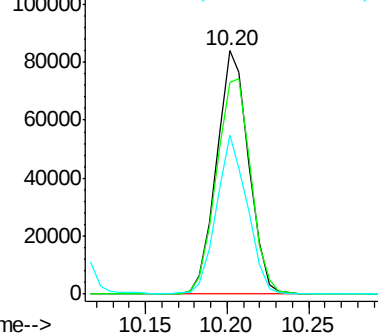
119 62.9 31.8 95.4

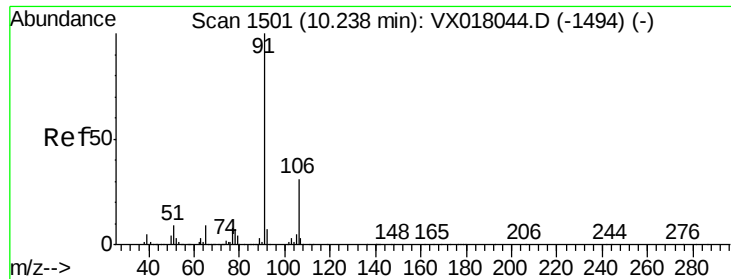


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





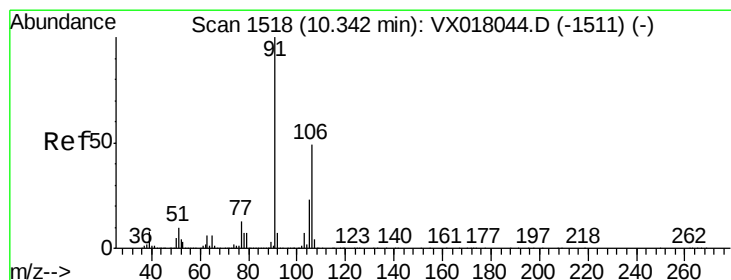
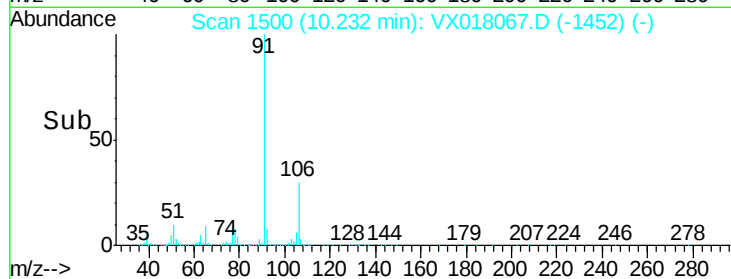
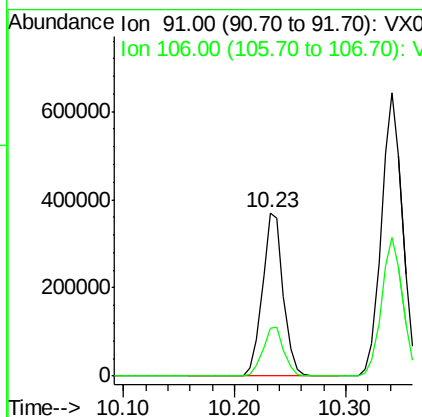
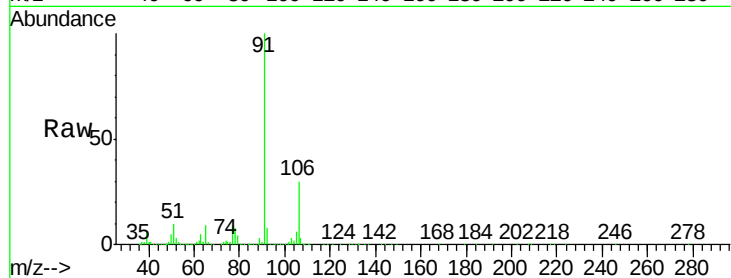
#67
Ethyl Benzene
Concen: 20.025 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX018067.D
Acq: 26 Aug 2020 11:18

Instrument :
MSVOA_X
ClientSampled :
VX0826WBS01

Tot Ion: 91 Resp: 484366
Ion Ratio Lower Upper
91 100
106 29.5 24.9 37.3

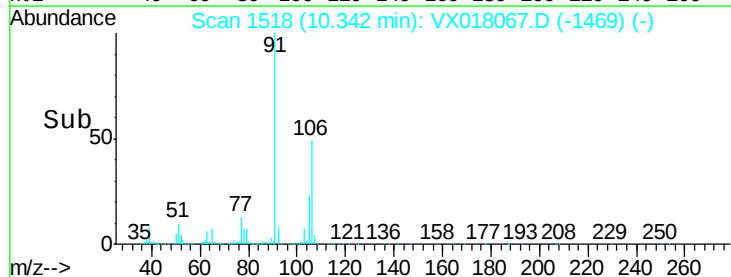
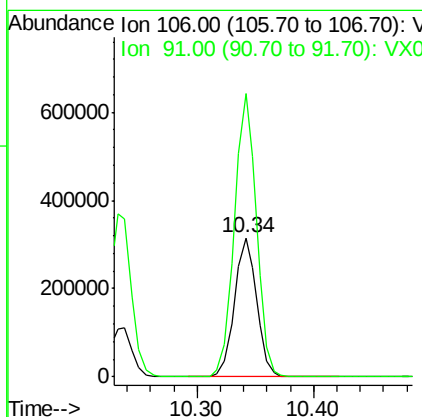
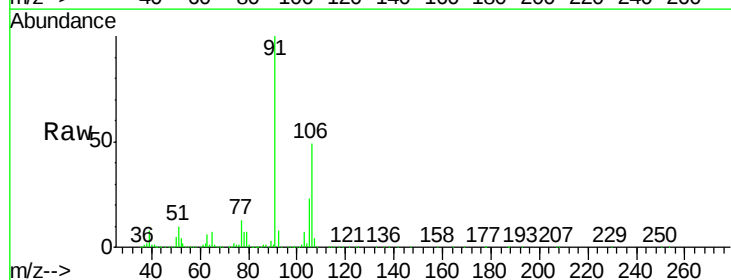
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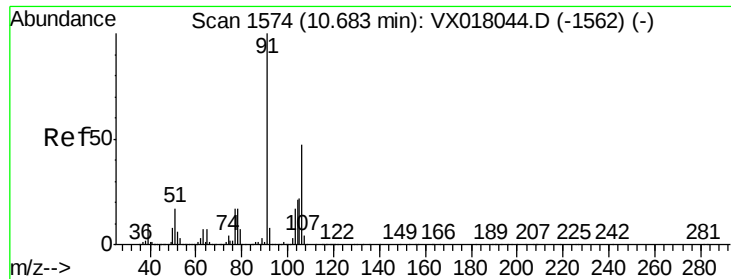
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#68
m/p-Xylenes
Concen: 46.249 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018067.D
Acq: 26 Aug 2020 11:18

Tgt Ion: 106 Resp: 417551
Ion Ratio Lower Upper
106 100
91 202.6 162.2 243.2





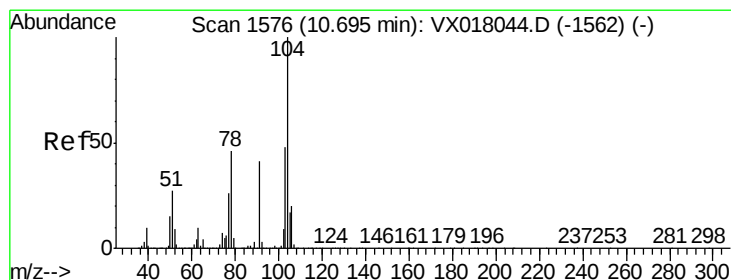
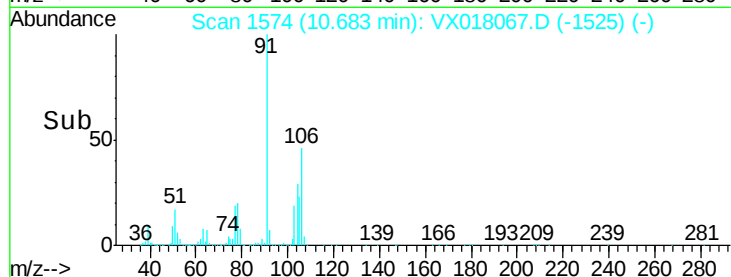
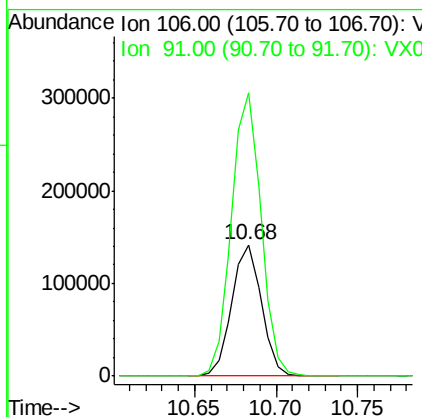
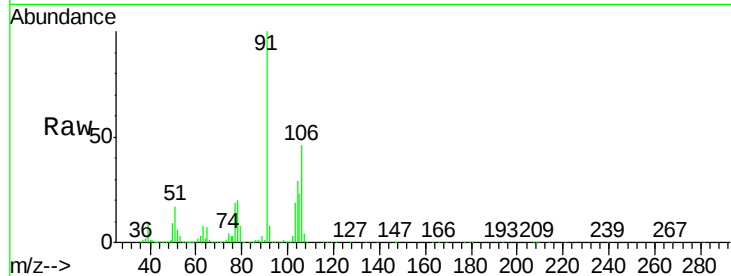
#69
o-Xylene
Concen: 20.604 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018067.D
Acq: 26 Aug 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VX0826WBS01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	180326		
91	214.6	107.1	321.3	

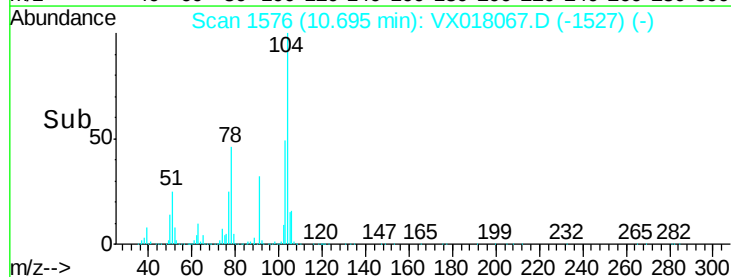
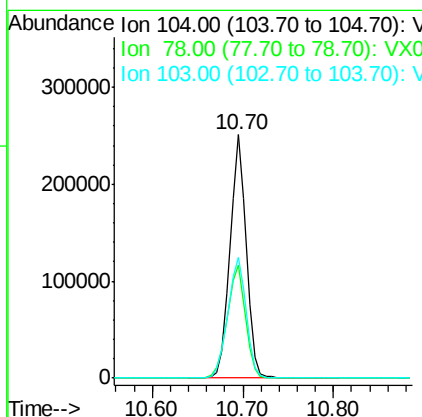
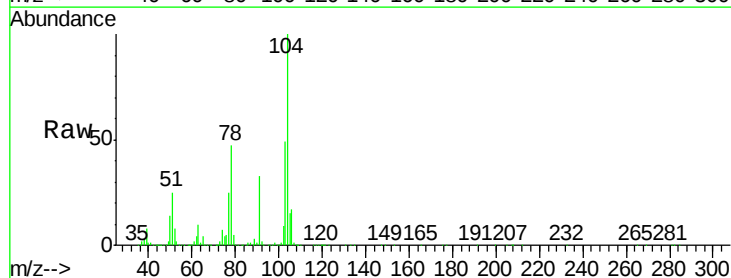
Manual Integrations
APPROVED

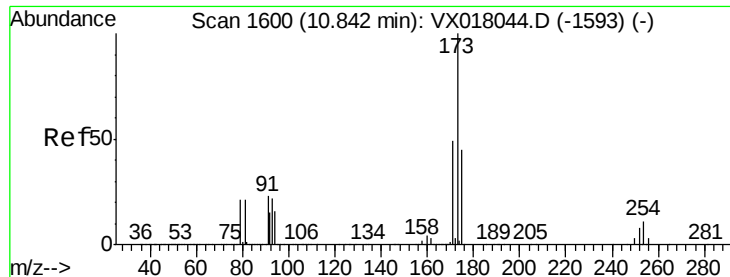
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#70
Styrene
Concen: 20.988 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018067.D
Acq: 26 Aug 2020 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	312812		
78	52.0	40.9	61.3	
103	55.4	43.6	65.4	





#71

Bromoform

Concen: 20.222 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0826WBS01

Tot Ion:173 Resp: 96696

Ion Ratio Lower Upper

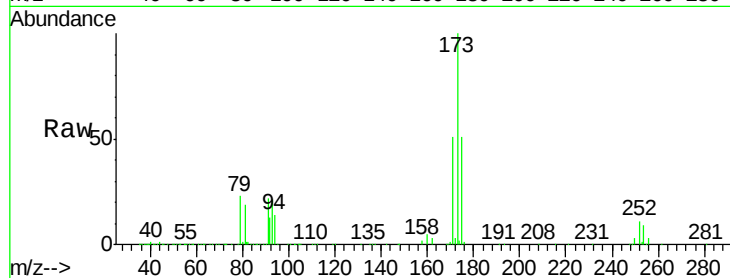
173 100

175 51.0 23.9 71.8

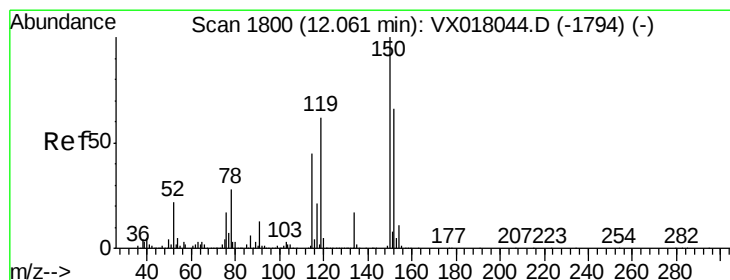
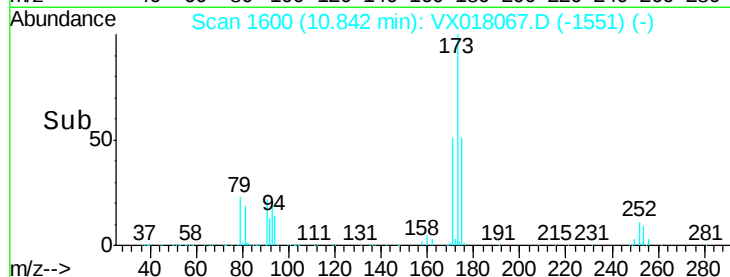
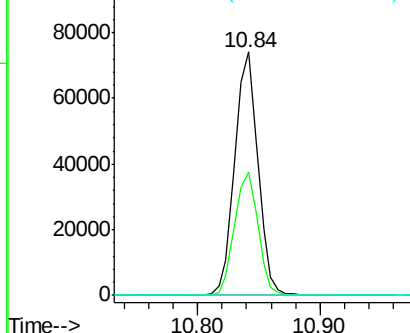
254 0.2 0.2 0.2

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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: VX018067.D

Acq: 26 Aug 2020 11:18

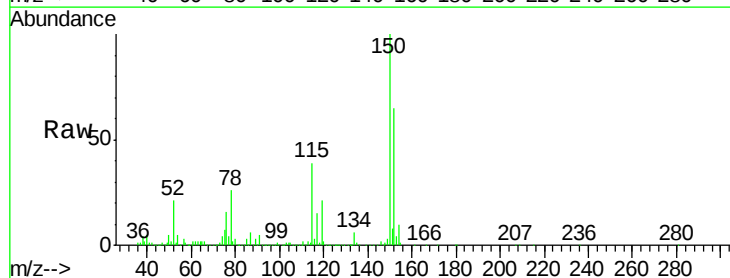
Tgt Ion:152 Resp: 377518

Ion Ratio Lower Upper

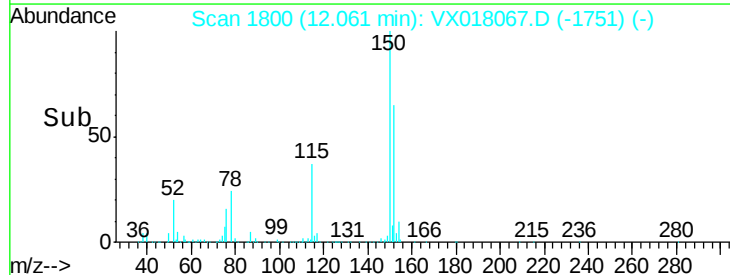
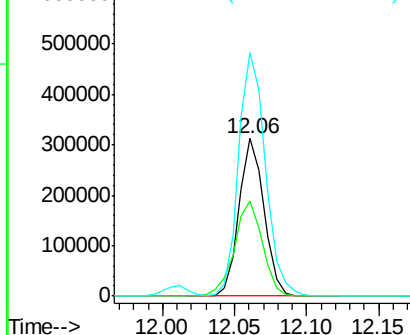
152 100

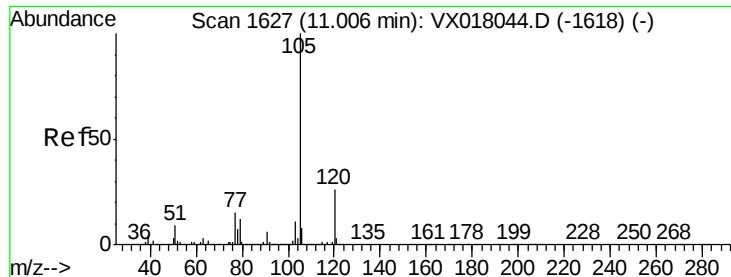
115 67.6 41.5 124.5

150 165.7 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: 22.396 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0826WBS01

Tot Ion: 105 Resp: 557685

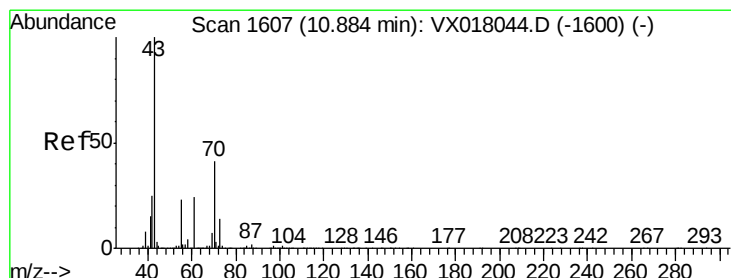
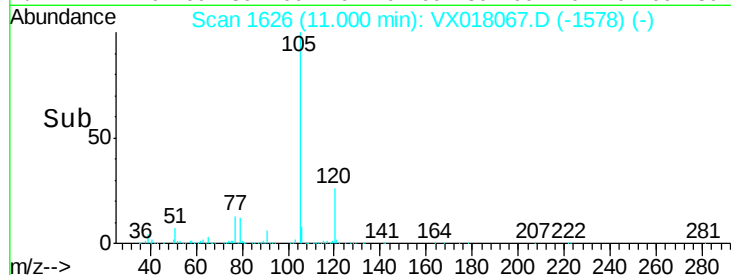
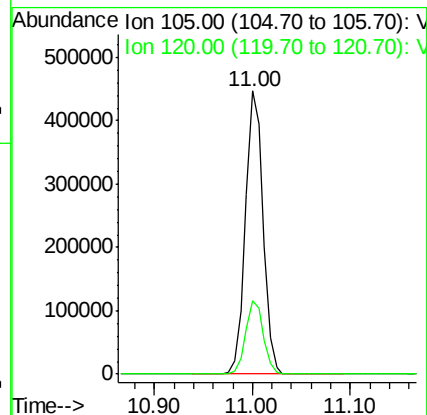
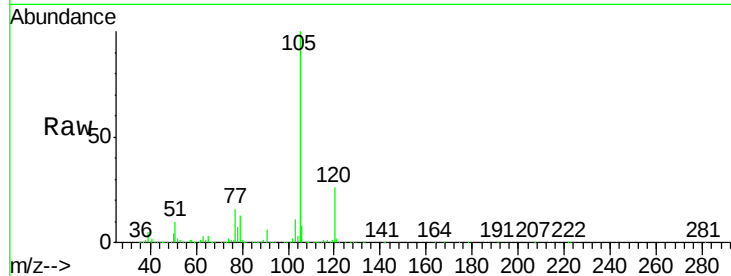
Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.5

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#74

N-ethyl acetate

Concen: 19.493 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Tgt Ion: 43 Resp: 230304

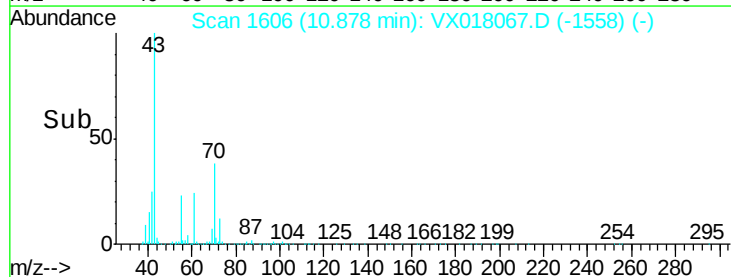
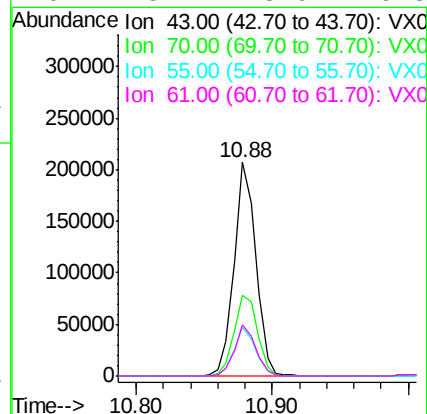
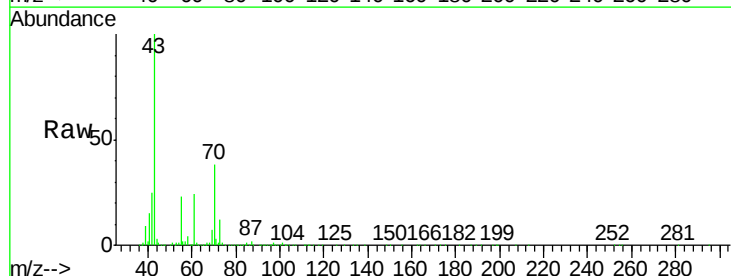
Ion Ratio Lower Upper

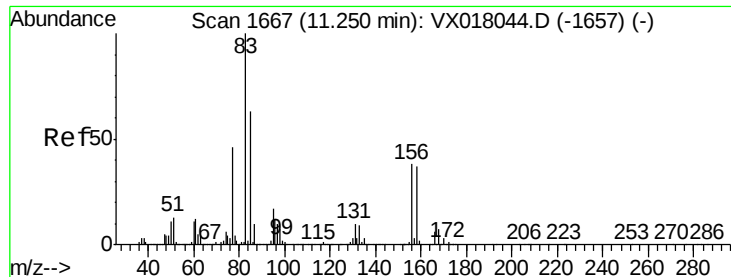
43 100

70 40.8 32.3 48.5

55 23.1 18.2 27.2

61 23.4 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.149 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0826WBS01

Tot Ion: 83 Resp: 159429

Ion Ratio Lower Upper

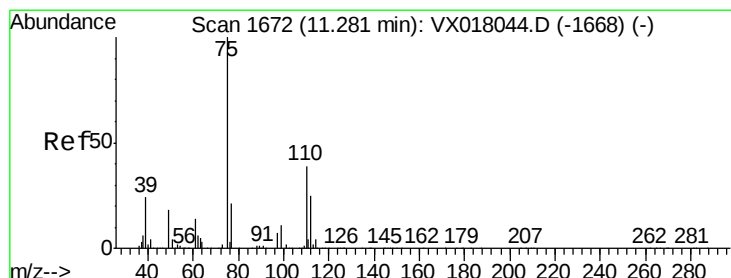
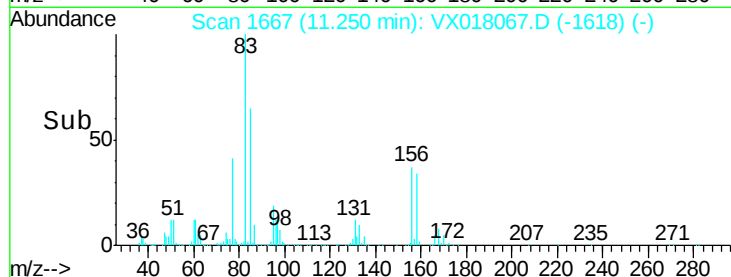
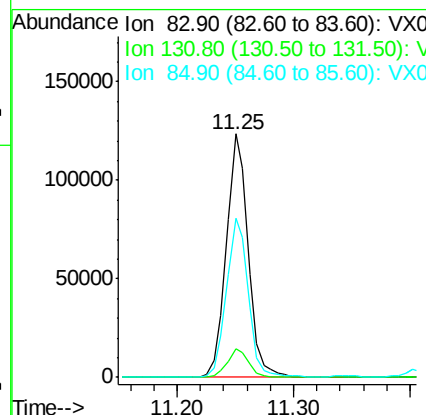
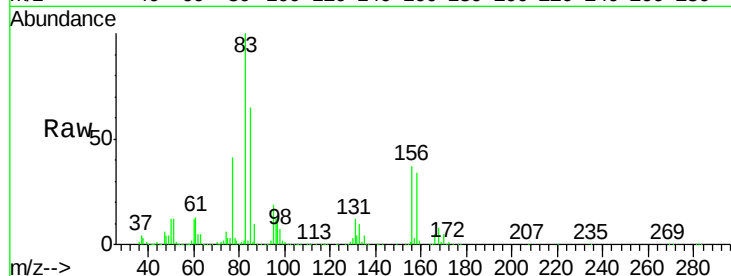
83 100

131 11.7 5.1 15.4

85 65.7 32.2 96.6

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#76

1,2,3-Trichloropropane

Concen: 18.831 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018067.D

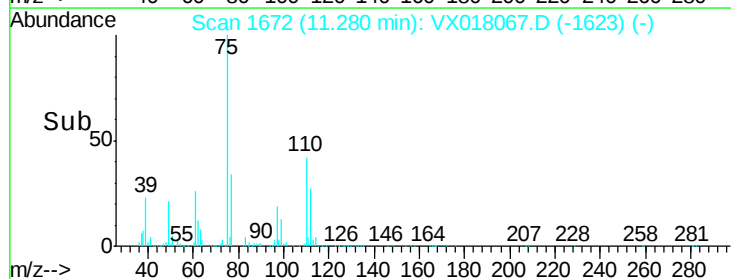
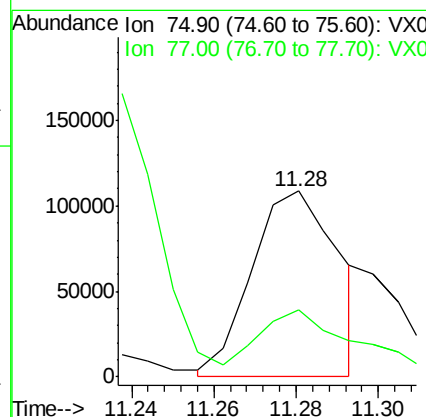
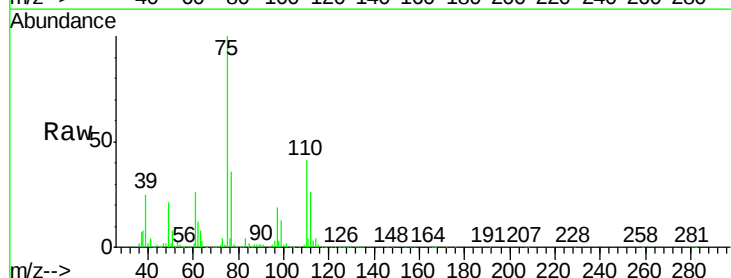
Acq: 26 Aug 2020 11:18

Tgt Ion: 75 Resp: 158141

Ion Ratio Lower Upper

75 100

77 41.0 20.8 62.2





#77

Bromobenzene

Concen: 20.940 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Instrument :

MSVOA_X

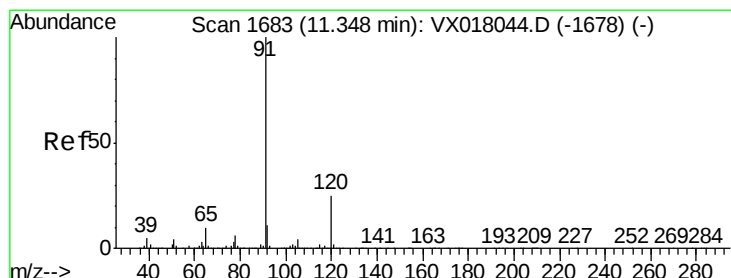
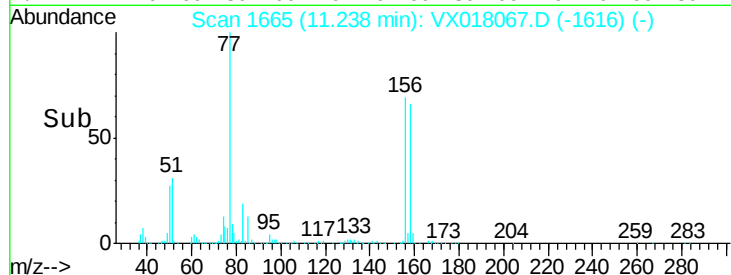
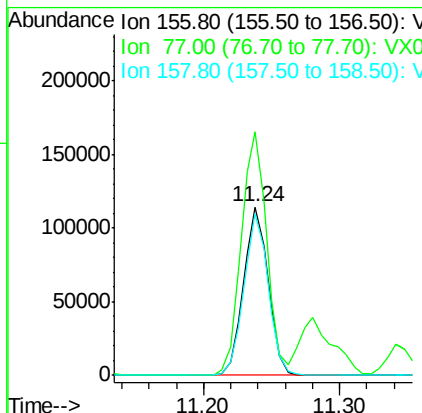
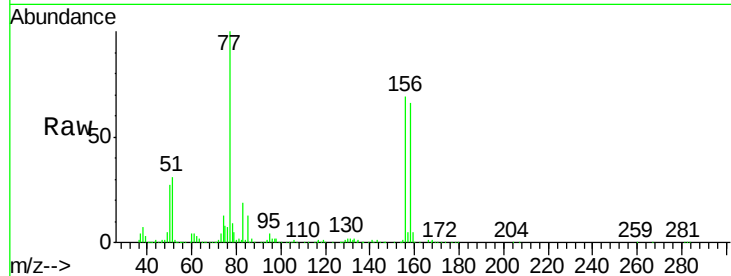
ClientSampleId :

VX0826WBS01

Tot Ion:	156	Resp:	144137
Ion Ratio	Lower	Upper	
156	100		
77	149.1	80.0	240.2
158	95.5	49.5	148.7

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#78

n-propylbenzene

Concen: 21.145 ug/l

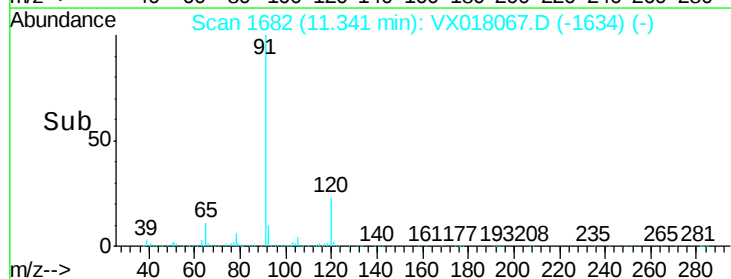
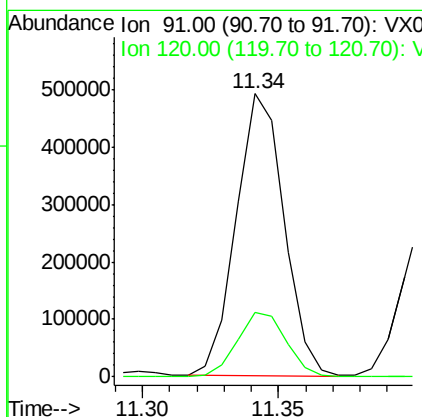
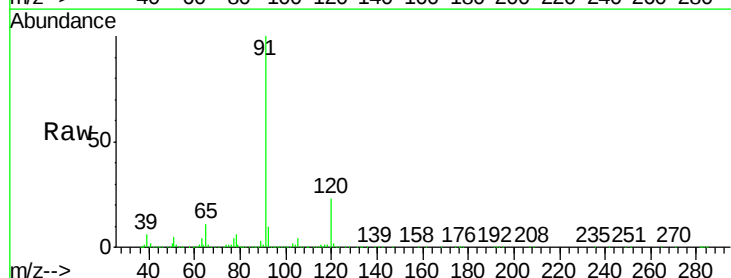
RT: 11.34 min Scan# 1682

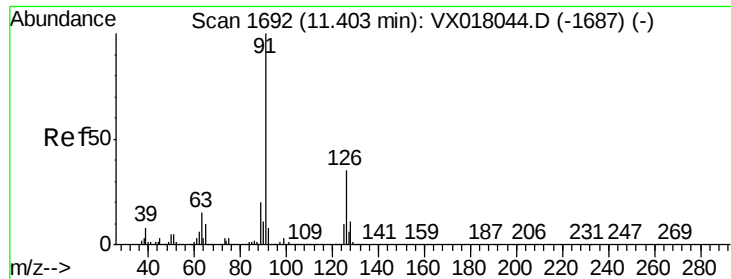
Delta R.T. -0.01 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Tgt Ion:	91	Resp:	597866
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.9	35.9





#79

2-Chlorotoluene

Concen: 20.129 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0826WBS01

Tot Ion: 91 Resp: 351622

Ion Ratio Lower Upper

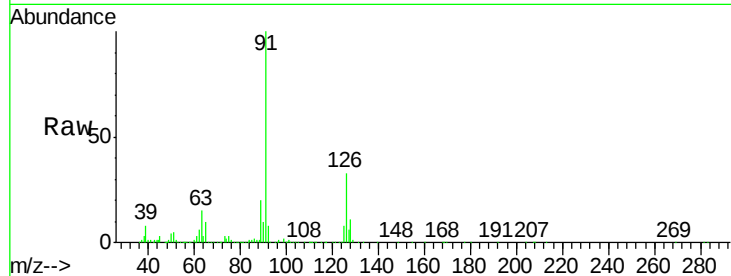
91 100

126 34.7 17.4 52.2

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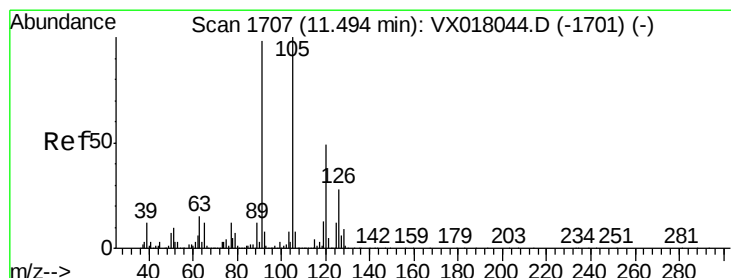
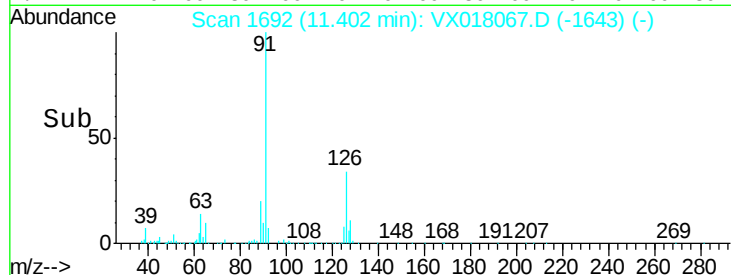
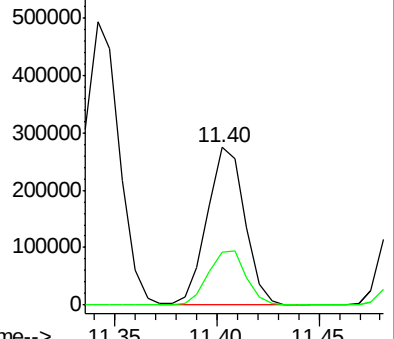
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.841 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018067.D

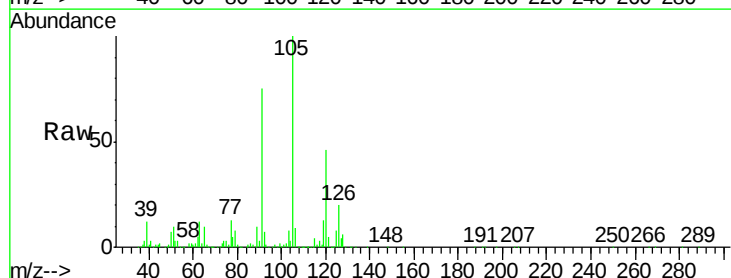
Acq: 26 Aug 2020 11:18

Tgt Ion: 105 Resp: 446923

Ion Ratio Lower Upper

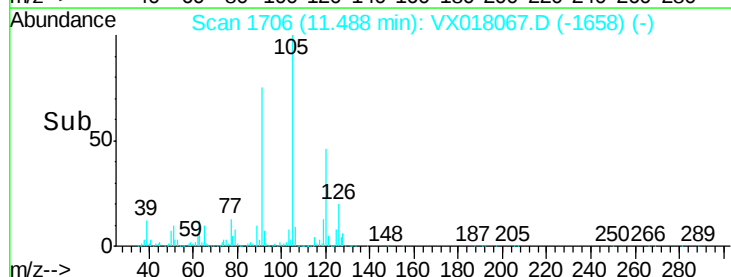
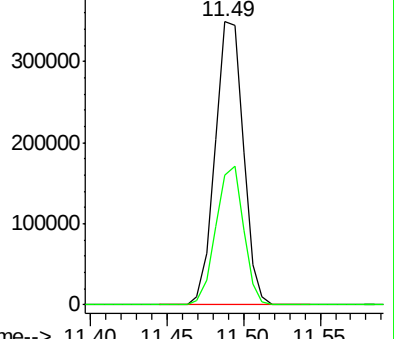
105 100

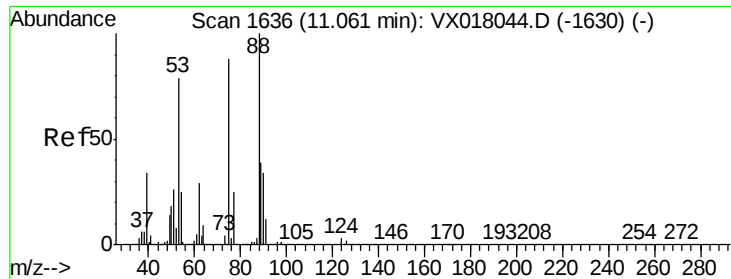
120 48.1 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.272 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Instrument :

MSVOA_X

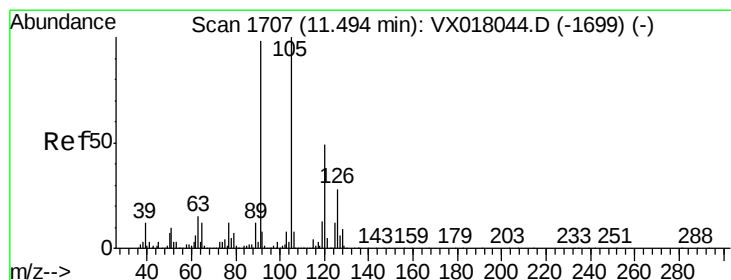
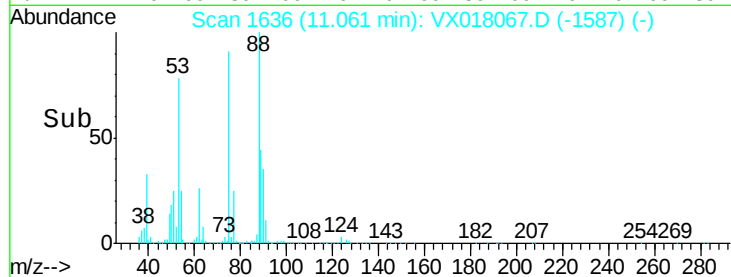
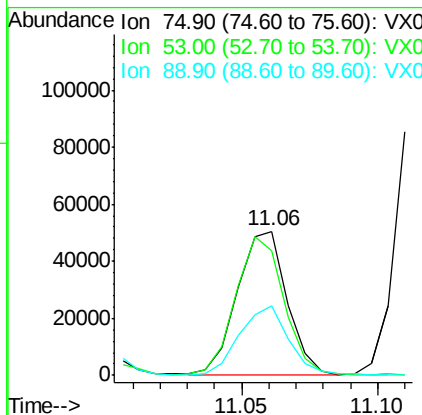
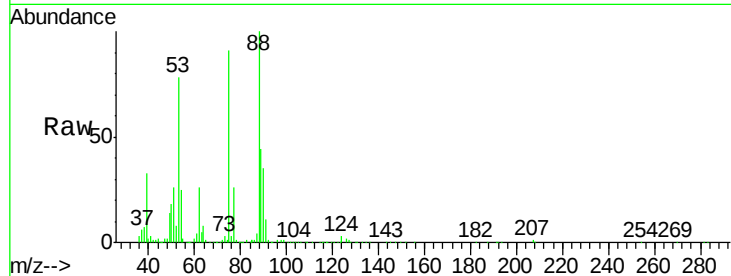
ClientSampleId :

VX0826WBS01

Tot Ion:	75	Resp:	63035
Ion Ratio	Lower	Upper	
75	100		
53	95.4	74.7	112.1
89	48.0	36.6	54.8

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#82

4-Chlorotoluene

Concen: 20.449 ug/l

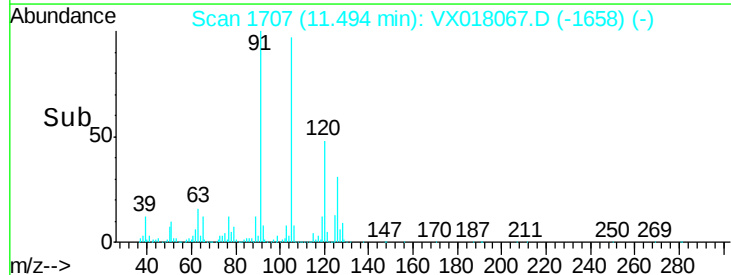
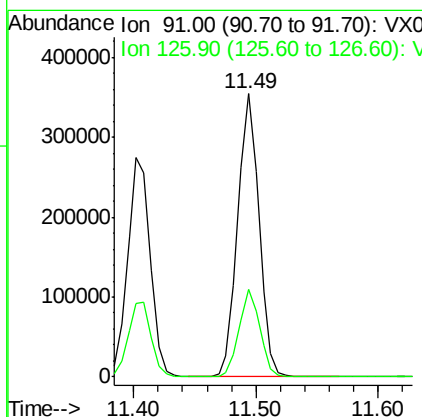
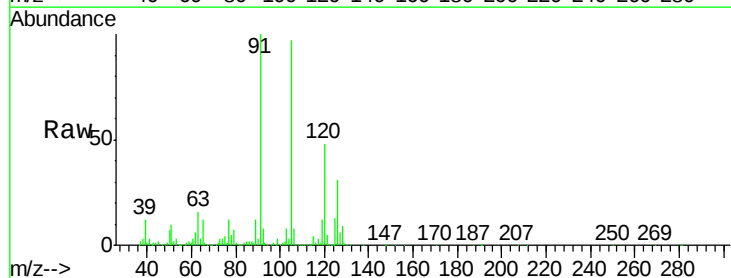
RT: 11.49 min Scan# 1707

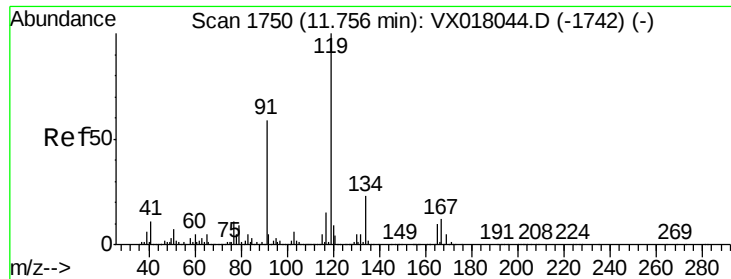
Delta R.T. -0.00 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Tgt Ion:	91	Resp:	424662
Ion Ratio	Lower	Upper	
91	100		
126	30.1	15.1	45.3





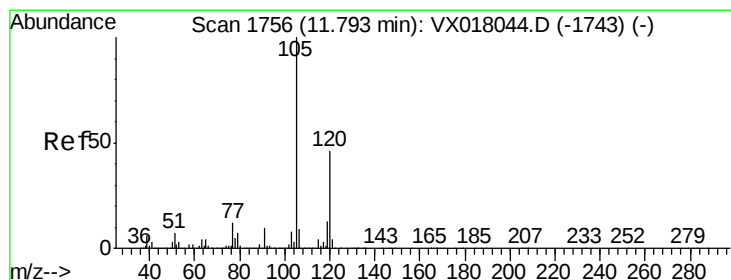
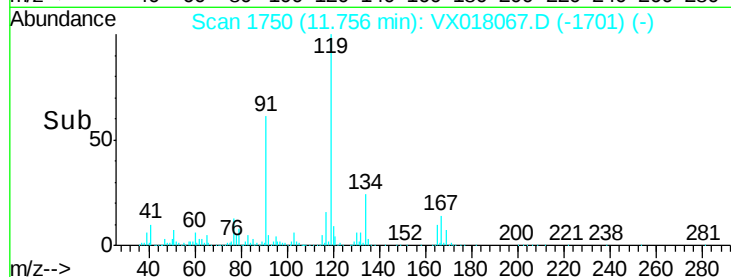
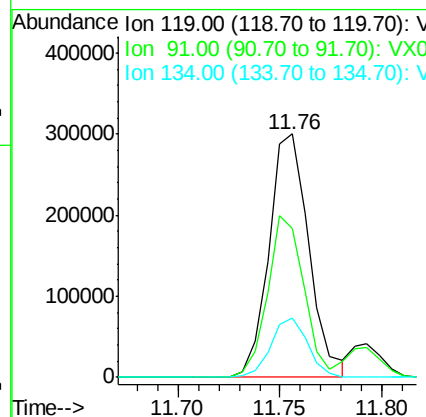
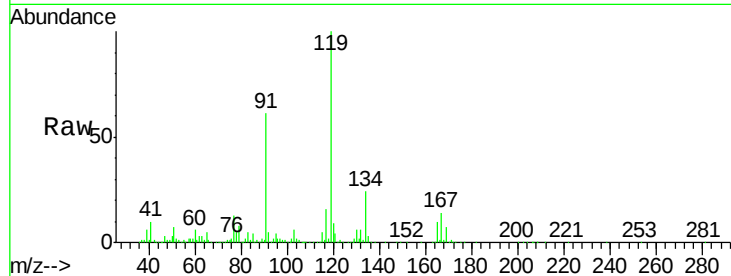
#83
tert-Butylbenzene
Concen: 20.233 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018067.D
Acq: 26 Aug 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VX0826WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	408582		
91	60.5	28.2	84.7	
134	22.7	11.3	33.8	

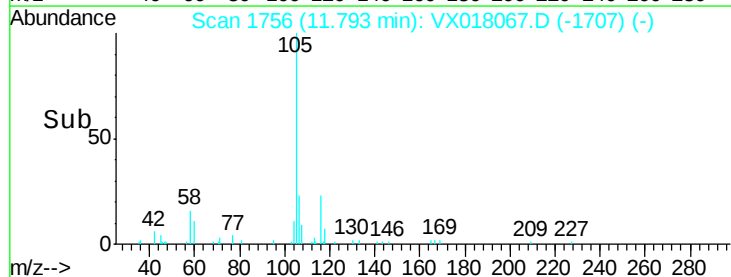
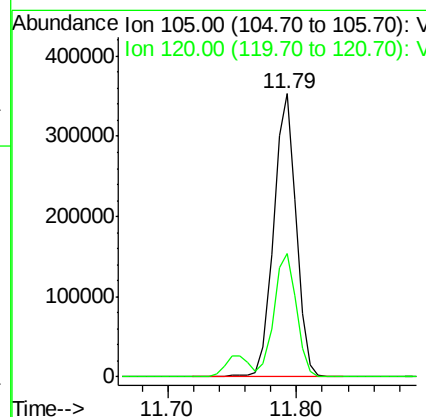
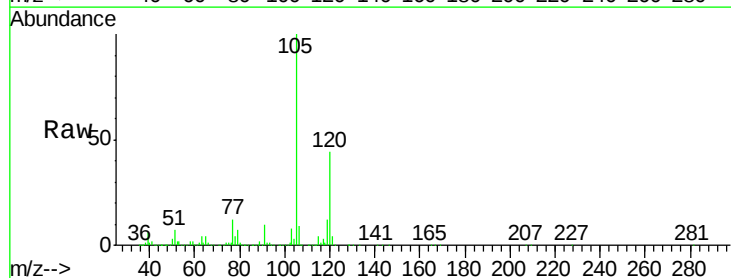
Manual Integrations
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#84
1,2,4-Trimethylbenzene
Concen: 20.513 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018067.D
Acq: 26 Aug 2020 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	429153		
120	43.6	22.3	66.9	





#85

sec-Butylbenzene

Concen: 21.866 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0826WBS01

Tot Ion:105 Resp: 502156

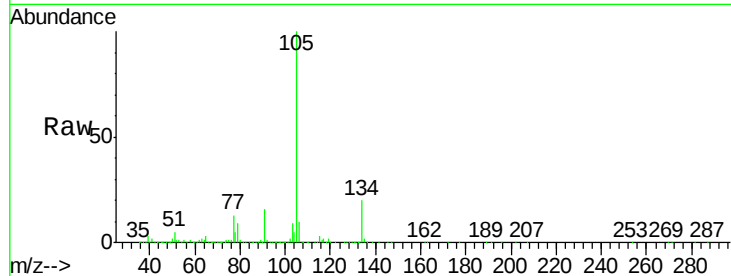
Ion Ratio Lower Upper

105 100

134 21.0 10.1 30.3

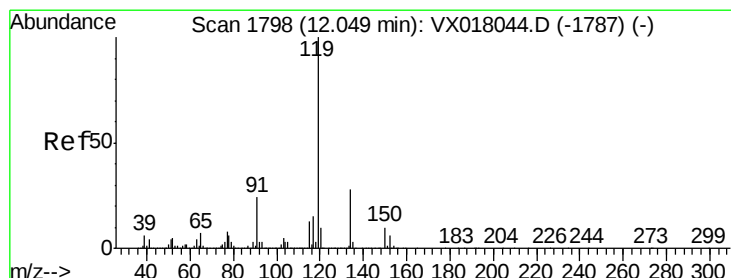
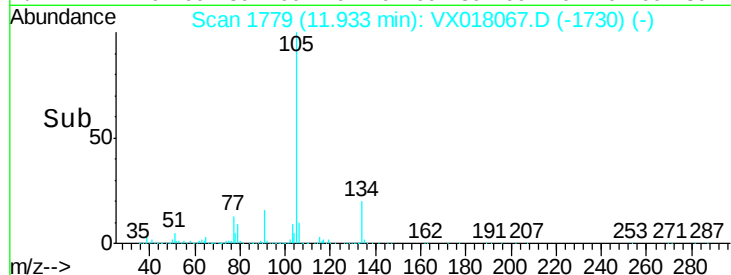
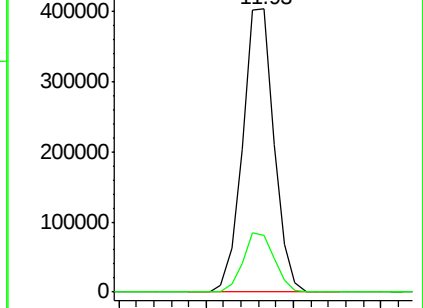
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.122 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

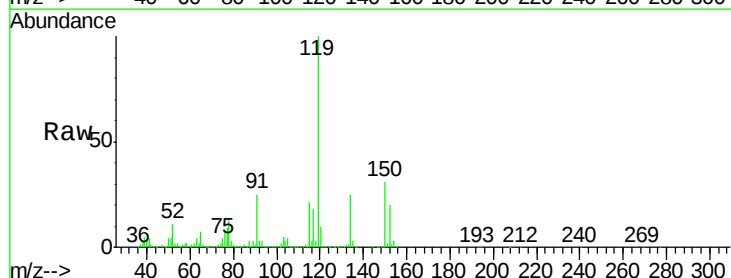
Tgt Ion:119 Resp: 466645

Ion Ratio Lower Upper

119 100

134 25.3 13.2 39.5

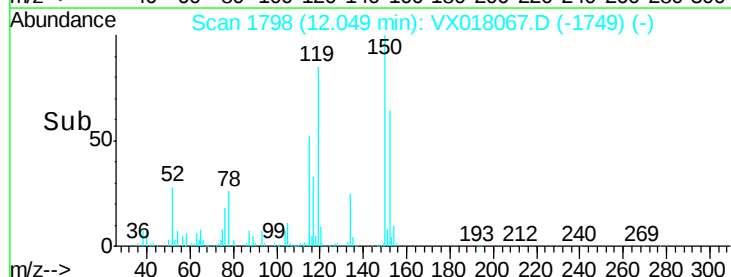
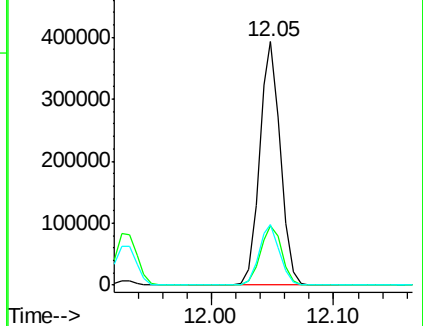
91 24.8 11.8 35.4

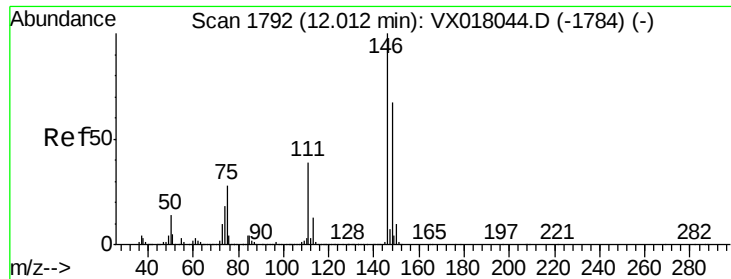


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





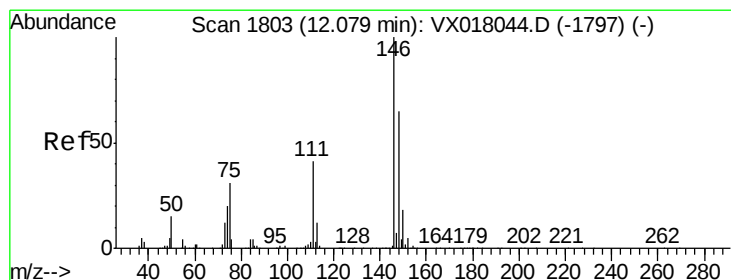
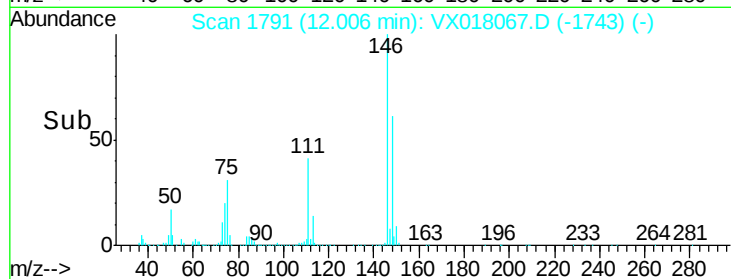
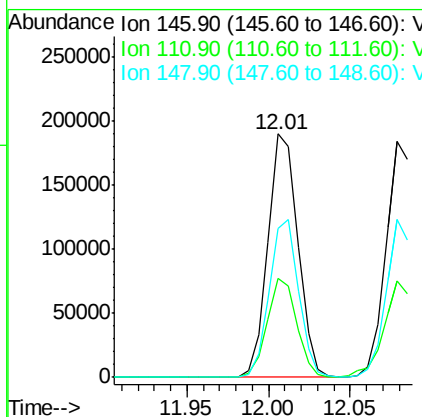
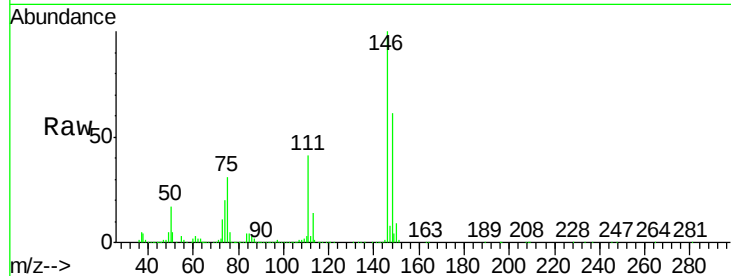
#87
 1,3-Dichlorobenzene
 Concen: 19.982 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX018067.D
 Acq: 26 Aug 2020 11:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0826WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	241483		
111	40.1	20.6	61.8	
148	63.3	33.1	99.2	

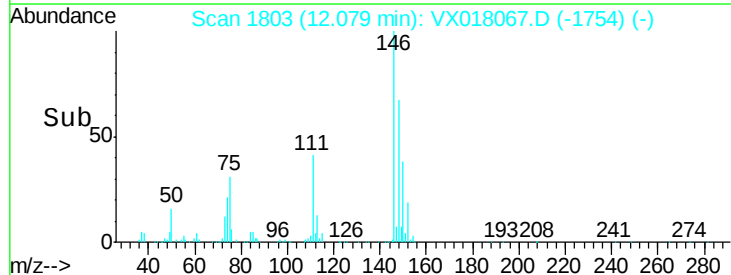
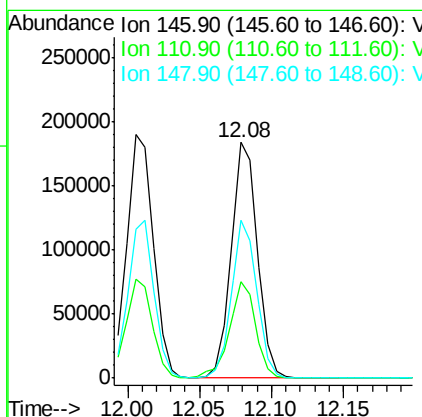
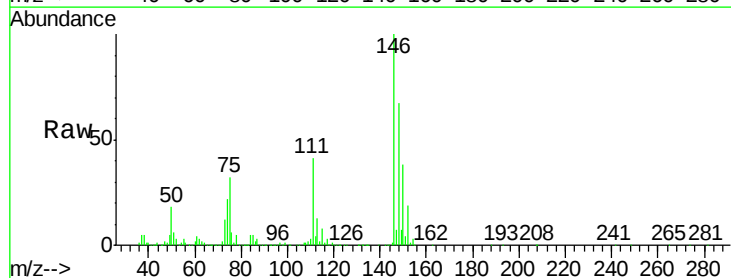
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#88
 1,4-Dichlorobenzene
 Concen: 19.399 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018067.D
 Acq: 26 Aug 2020 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	234737		
111	41.0	20.3	60.8	
148	65.0	33.1	99.2	





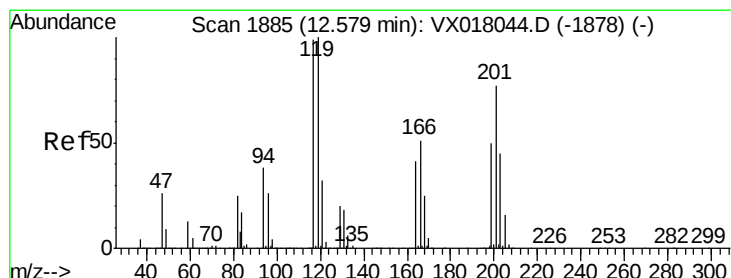
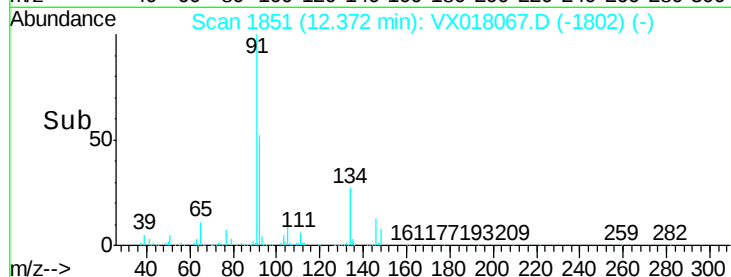
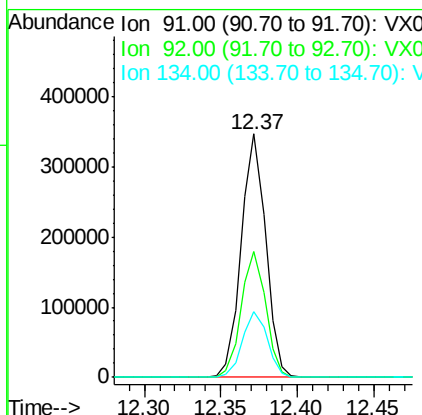
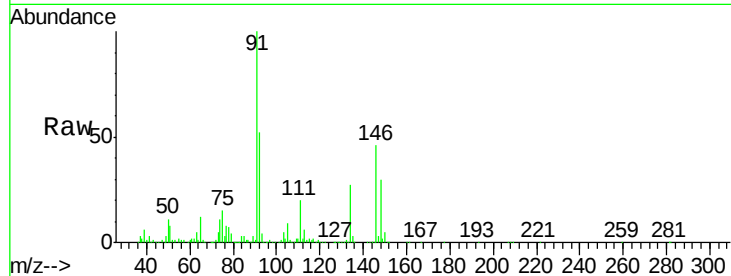
#89
n-Butylbenzene
Concen: 20.044 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018067.D
Acq: 26 Aug 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VX0826WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	51.9	26.4	79.2	
134	27.6	12.9	38.7	

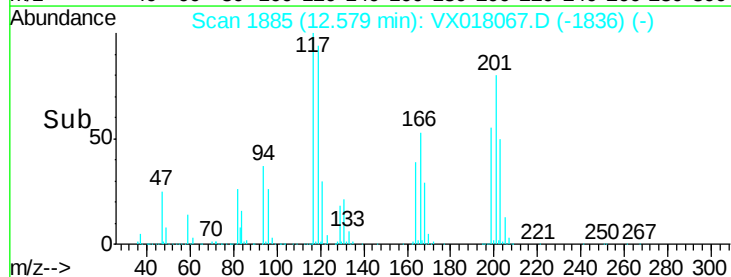
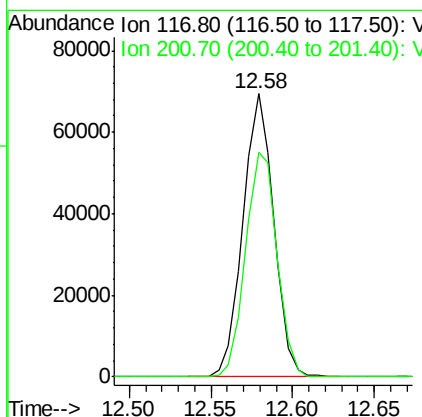
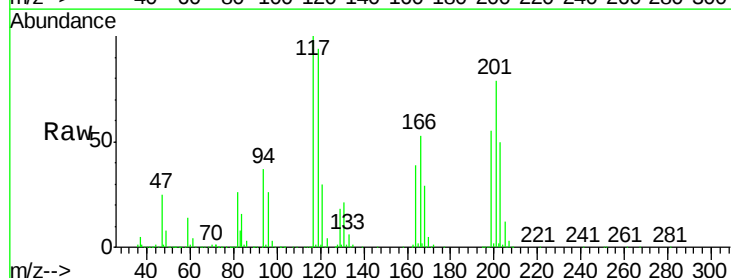
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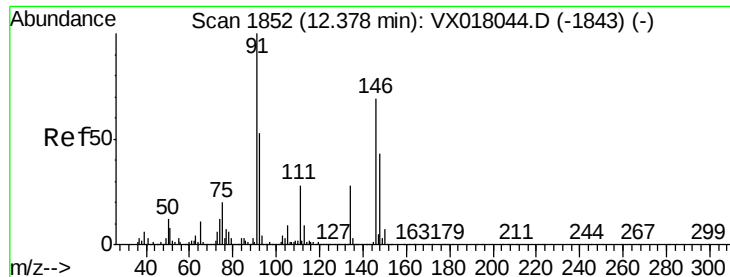
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#90
Hexachloroethane
Concen: 22.060 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018067.D
Acq: 26 Aug 2020 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	81.1	38.5	115.3	





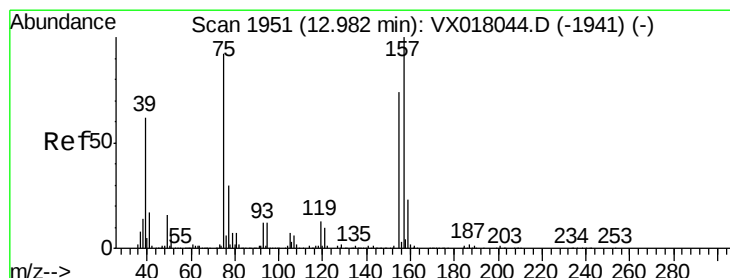
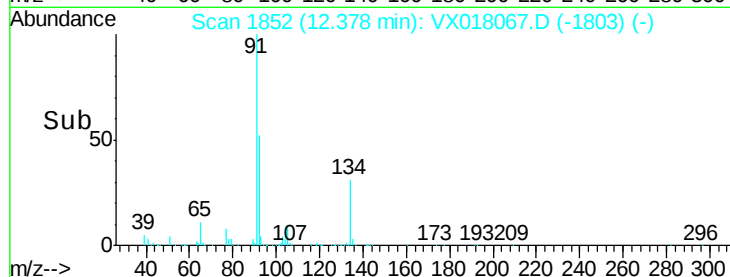
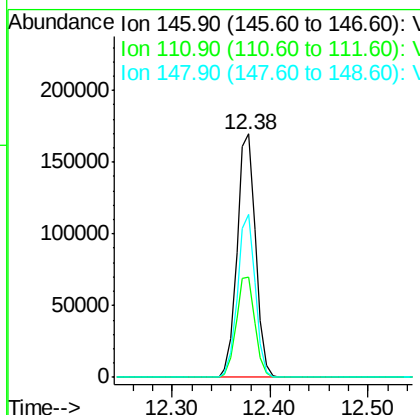
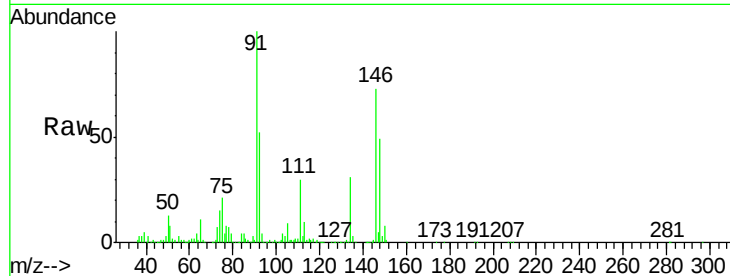
#91
 1,2-Dichlorobenzene
 Concen: 19.470 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018067.D
 Acq: 26 Aug 2020 11:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0826WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	221490		
111	41.6	20.8	62.5	
148	64.2	31.6	95.0	

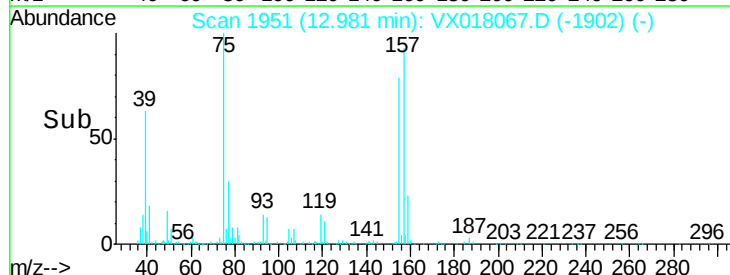
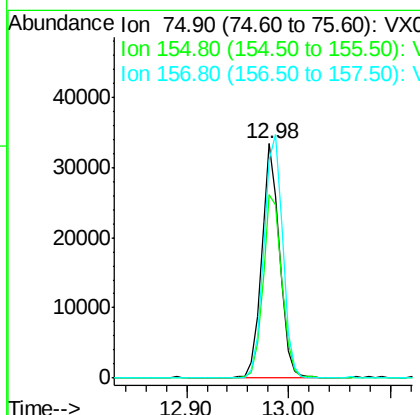
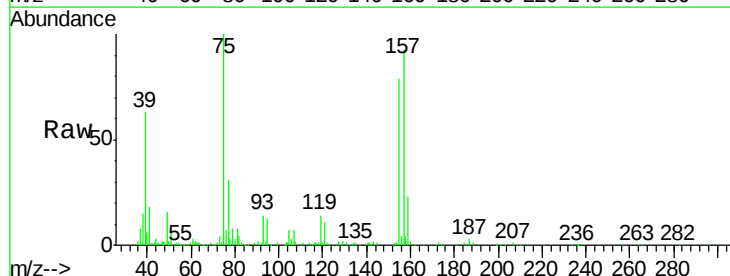
Manual Integrations
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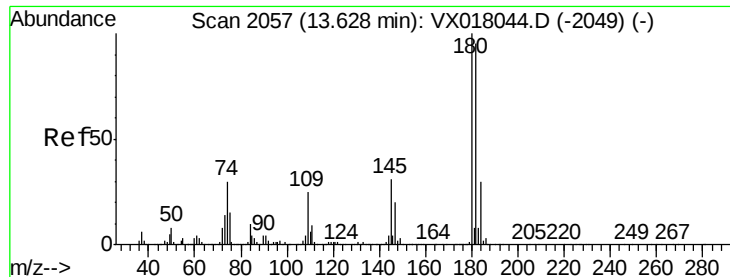
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.823 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018067.D
 Acq: 26 Aug 2020 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	41343		
155	81.8	40.2	120.6	
157	107.9	55.0	165.2	





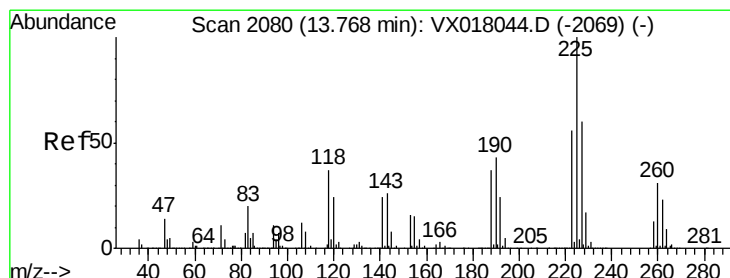
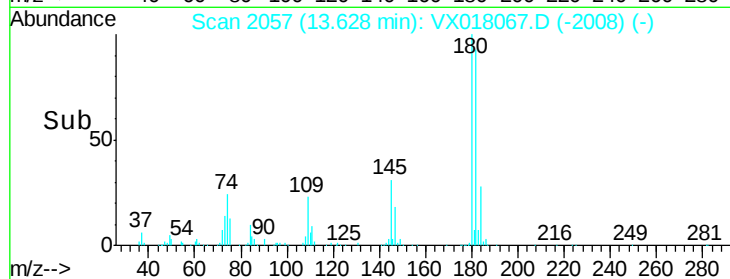
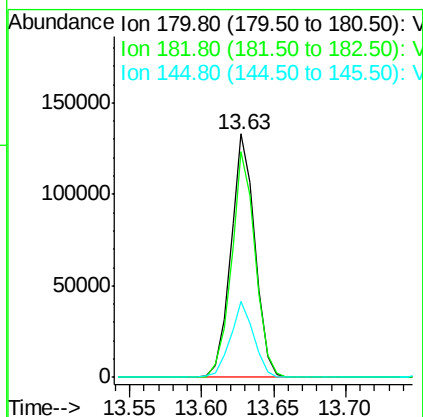
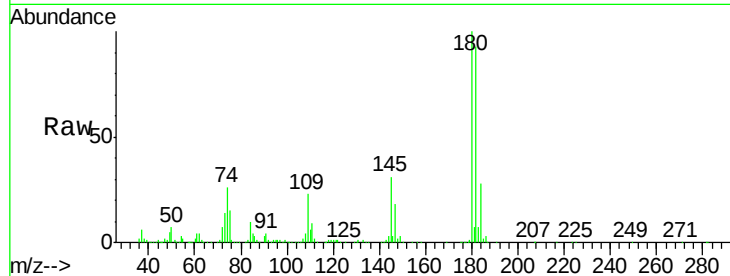
#93
1,2,4-Trichlorobenzene
Concen: 20.477 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX018067.D
Acq: 26 Aug 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VX0826WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	155332		
182	91.9	47.5	142.6	
145	31.0	15.7	47.1	

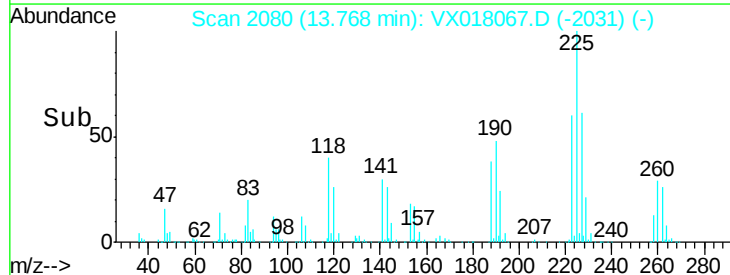
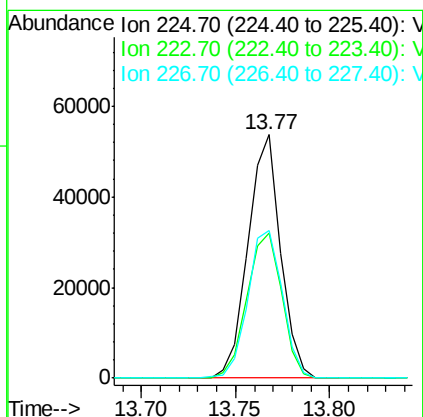
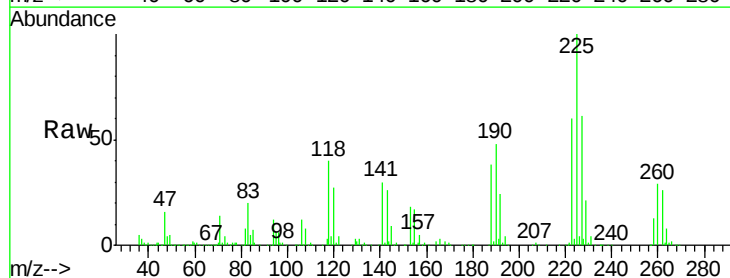
Manual Integrations
APPROVED

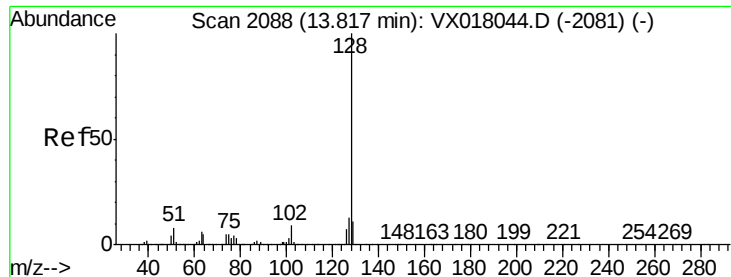
MMDadoda
8/27/2020 12:19:24 PM



#94
Hexachlorobutadiene
Concen: 21.488 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX018067.D
Acq: 26 Aug 2020 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	64294		
223	64.0	30.7	92.1	
227	64.4	32.6	97.8	





#95

Naphthalene

Concen: 18.480 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Instrument :

MSVOA_X

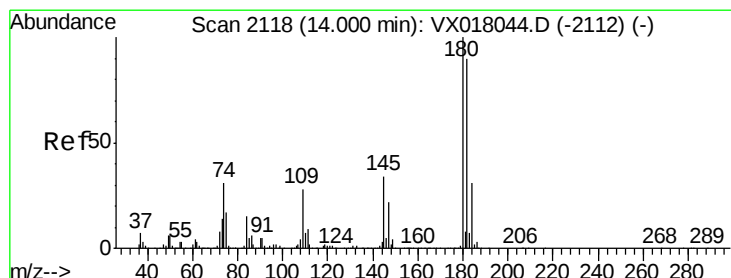
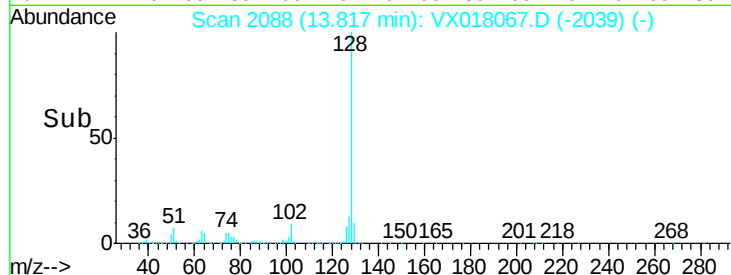
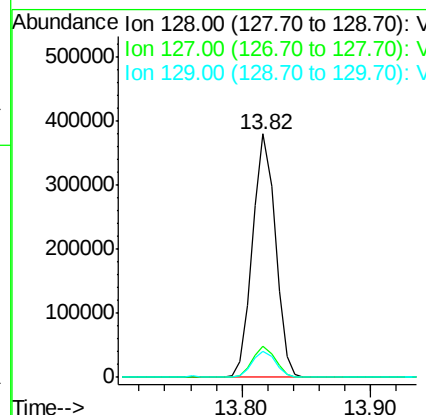
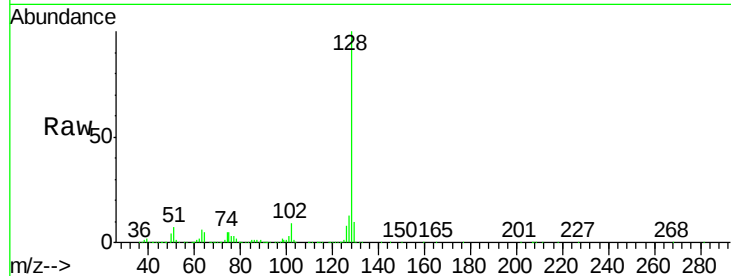
ClientSampleId :

VX0826WBS01

Tot Ion:	128	Resp:	461351
Ion Ratio		Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/27/2020 12:19:24 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.090 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX018067.D

Acq: 26 Aug 2020 11:18

Tgt Ion:	180	Resp:	150585
Ion Ratio		Lower	Upper
180	100		
182	95.5	47.3	142.0
145	34.6	17.5	52.6

