

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017063.D
 Acq On : 30 Jun 2020 23:13
 Operator : JC/SP
 Sample : VX0630WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBSD02

Quant Time: Jul 01 08:17:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	257991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	408939	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	385307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201906	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	163785	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
35) Dibromofluoromethane	5.46	113	133057	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
50) Toluene-d8	8.70	98	484929	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
62) 4-Bromofluorobenzene	11.12	95	188631	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	48652	19.493	ug/l	100
3) Chloromethane	1.32	50	52665	17.432	ug/l	98
4) Vinyl Chloride	1.39	62	52295	18.656	ug/l	97
5) Bromomethane	1.63	94	34882	23.554	ug/l	100
6) Chloroethane	1.71	64	31523	19.041	ug/l	99
7) Trichlorofluoromethane	1.92	101	82247	19.839	ug/l	99
8) Diethyl Ether	2.17	74	29074	21.057	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	47895	19.276	ug/l	98
10) Methyl Iodide	2.50	142	51040	15.920	ug/l	98
11) Tert butyl alcohol	3.01	59	59805	98.567	ug/l	100
12) 1,1-Dichloroethene	2.35	96	49048	19.216	ug/l	94
13) Acrolein	2.28	56	28501	78.580	ug/l	99
14) Allyl chloride	2.71	41	85521	18.130	ug/l	98
15) Acrylonitrile	3.12	53	142941	97.999	ug/l	100
16) Acetone	2.42	43	119124	100.121	ug/l	99
17) Carbon Disulfide	2.55	76	141439	19.871	ug/l	99
18) Methyl Acetate	2.75	43	61608	19.835	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	167517	19.555	ug/l	98
20) Methylene Chloride	2.84	84	57881	20.754	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	55709	19.667	ug/l	99
22) Diisopropyl ether	3.82	45	171771	19.674	ug/l	94
23) Vinyl Acetate	3.79	43	748184	99.727	ug/l	100
24) 1,1-Dichloroethane	3.67	63	96112	19.347	ug/l	99
25) 2-Butanone	4.63	43	195408	98.566	ug/l	99
26) 2,2-Dichloropropane	4.56	77	69362	15.725	ug/l	96
27) cis-1,2-Dichloroethene	4.56	96	60111	18.729	ug/l	98
28) Bromochloromethane	4.98	49	43316	17.919	ug/l	99
29) Tetrahydrofuran	5.09	42	126333	96.446	ug/l	98
30) Chloroform	5.18	83	100881	19.810	ug/l	99
31) Cyclohexane	5.56	56	82384	19.186	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	90022	19.195	ug/l	98
36) 1,1-Dichloropropene	5.77	75	72390	18.730	ug/l	99
37) Ethyl Acetate	4.79	43	76700	19.559	ug/l	99
38) Carbon Tetrachloride	5.76	117	83042	19.507	ug/l	92

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 ALS Vial : 36 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0630WBSD02

Quant Time: Jul 01 08:17:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	78977	18.366	ug/l	99
40) Benzene	6.11	78	218945	19.280	ug/l	99
41) Methacrylonitrile	5.01	41	42228	19.133	ug/l	98
42) 1,2-Dichloroethane	6.17	62	81357	19.834	ug/l	99
43) Isopropyl Acetate	6.42	43	122535	18.804	ug/l	100
44) Trichloroethene	7.19	130	62846	19.869	ug/l	91
45) 1,2-Dichloropropane	7.49	63	57147	19.593	ug/l	99
46) Dibromomethane	7.64	93	38986	19.578	ug/l	98
47) Bromodichloromethane	7.88	83	79896	19.469	ug/l	98
48) Methyl methacrylate	7.74	41	60779	19.632	ug/l	98
49) 1,4-Dioxane	7.71	88	26614	379.464	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	389820	100.357	ug/l	99
52) Toluene	8.76	92	137320	19.368	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	83666	18.479	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	90207	18.585	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	56931	19.653	ug/l	96
56) Ethyl methacrylate	9.16	69	79595	19.305	ug/l	99
57) 1,3-Dichloropropane	9.35	76	94426	19.264	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	206958	100.857	ug/l	99
59) 2-Hexanone	9.48	43	289137	101.921	ug/l	99
60) Dibromochloromethane	9.57	129	66524	19.772	ug/l	99
61) 1,2-Dibromoethane	9.65	107	60907	19.561	ug/l	98
64) Tetrachloroethene	9.32	164	59730	19.208	ug/l	96
65) Chlorobenzene	10.12	112	151434	19.042	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	59916	19.550	ug/l	99
67) Ethyl Benzene	10.24	91	256056	19.280	ug/l	98
68) m/p-Xylenes	10.34	106	199067	39.037	ug/l	97
69) o-Xylene	10.68	106	94604	19.502	ug/l	99
70) Styrene	10.69	104	166229	20.123	ug/l	100
71) Bromoform	10.84	173	48575	19.987	ug/l	100
73) Isopropylbenzene	11.00	105	255974	19.355	ug/l	99
74) N-amyl acetate	10.88	43	106792	18.925	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	80242	19.289	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	97251	24.494	ug/l	87
77) Bromobenzene	11.24	156	70043	19.270	ug/l	98
78) n-propylbenzene	11.34	91	285705	19.104	ug/l	100
79) 2-Chlorotoluene	11.40	91	176779	19.531	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	212930	19.410	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	27049	17.643	ug/l	95
82) 4-Chlorotoluene	11.49	91	210312	19.437	ug/l	100
83) tert-Butylbenzene	11.76	119	206488	19.175	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	219230	19.699	ug/l	99
85) sec-Butylbenzene	11.93	105	238660	18.854	ug/l	99
86) p-Isopropyltoluene	12.05	119	227391	19.297	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	123993	18.783	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	122931	19.630	ug/l	97
89) n-Butylbenzene	12.37	91	187188	17.791	ug/l	99
90) Hexachloroethane	12.58	117	45621	19.632	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	118645	19.227	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18479	18.621	ug/l	97

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Instrument :
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ClientSampleId :
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Quant Time: Jul 01 08:17:00 2020
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Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

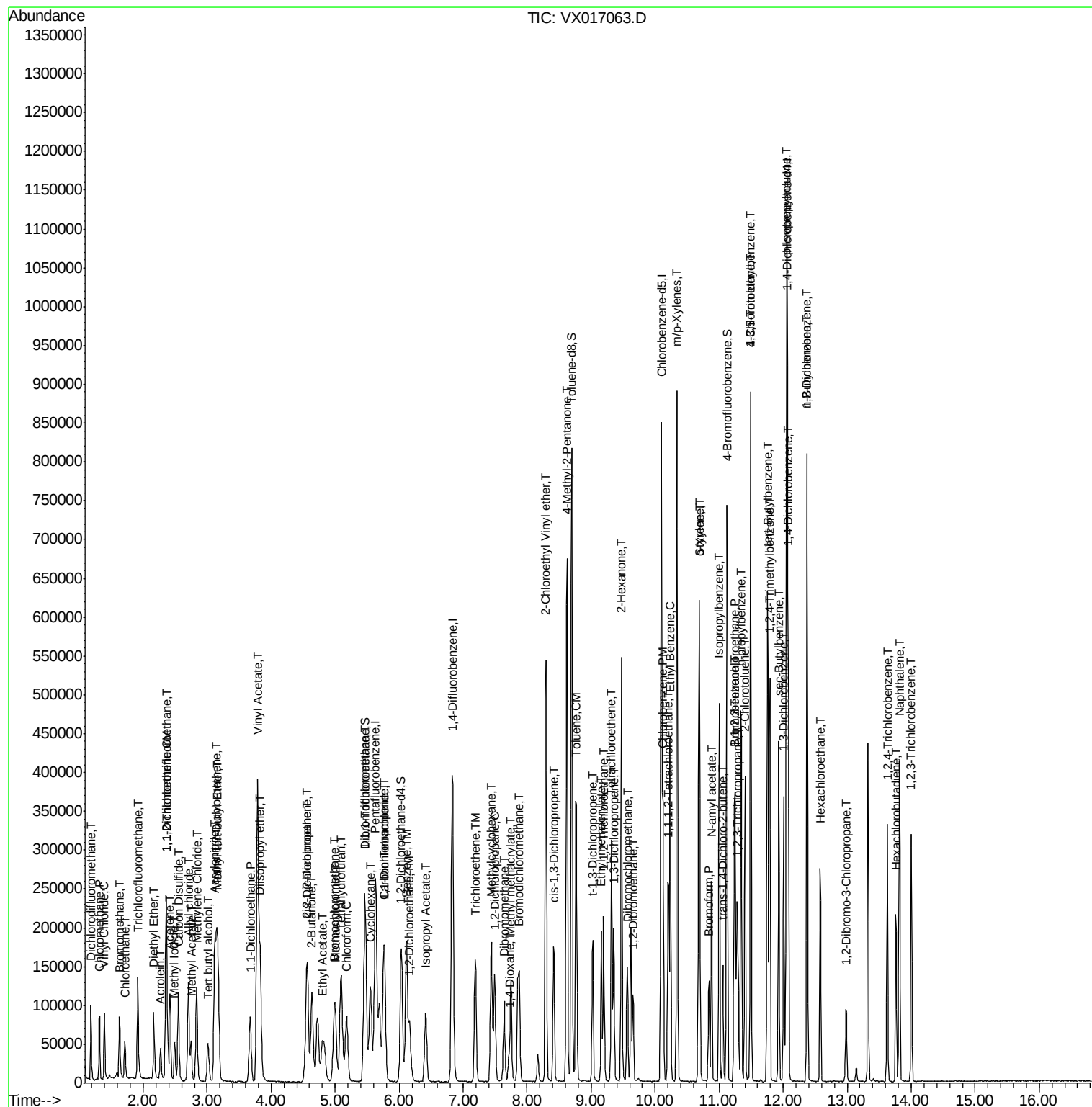
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	77324	18.359	ug/l	99
94) Hexachlorobutadiene	13.77	225	29731	19.130	ug/l	98
95) Naphthalene	13.82	128	246065	19.217	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	77545	19.025	ug/l	99

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

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Misc : 5.0mL/MSVOA X/WATER
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Instrument :
MSVOA_X
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Quant Time: Jul 01 08:17:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

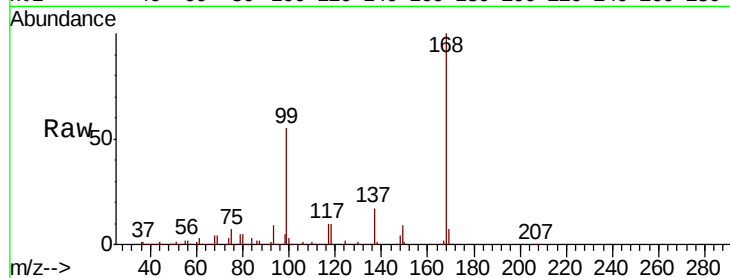
VX0630WBSD02

Tot Ion:168 Resp: 257991

Ion Ratio Lower Upper

168 100

99 55.3 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

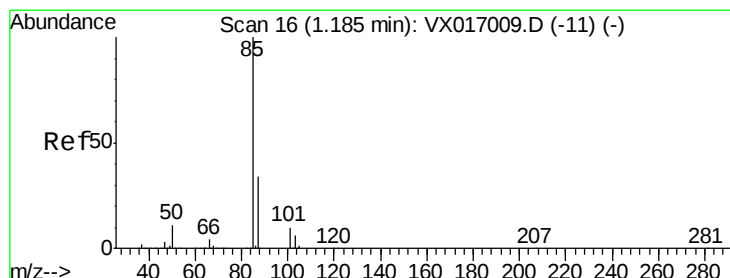
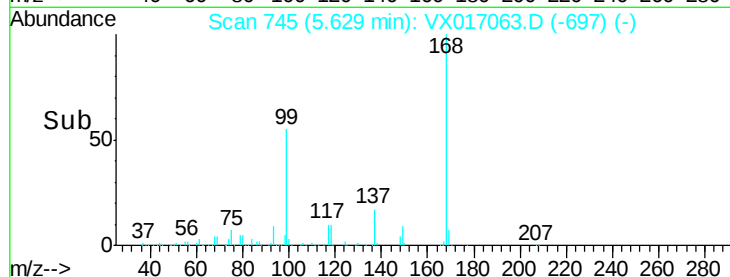
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.493 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017063.D

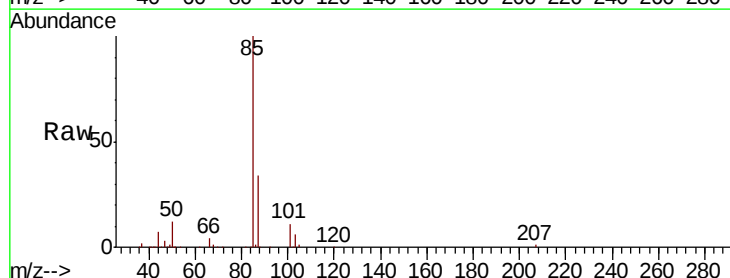
Acq: 30 Jun 2020 23:13

Tgt Ion: 85 Resp: 48652

Ion Ratio Lower Upper

85 100

87 33.7 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

60000

50000

40000

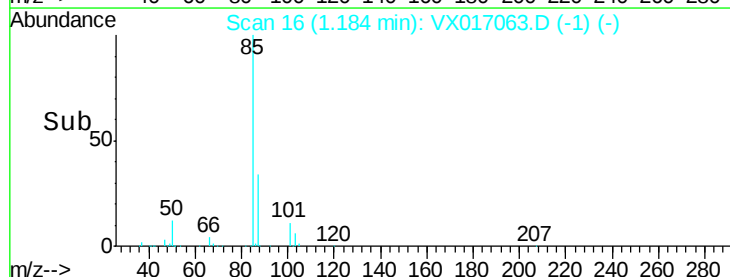
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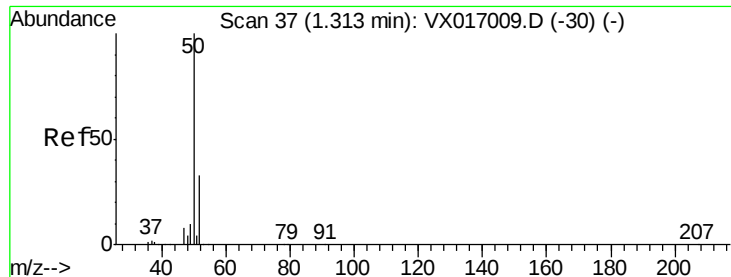
20000

10000

0

Time-->





#3

Chloromethane

Concen: 17.432 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

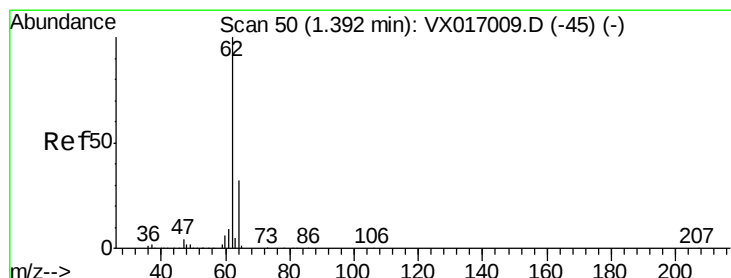
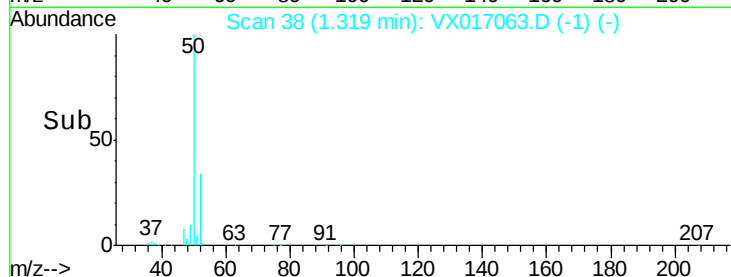
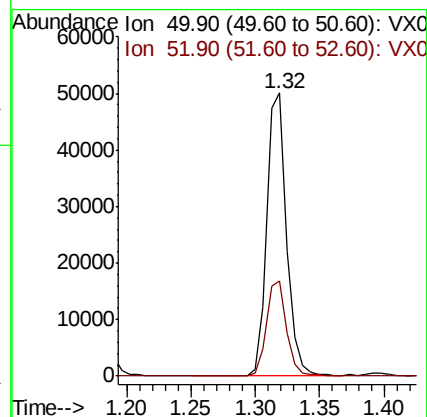
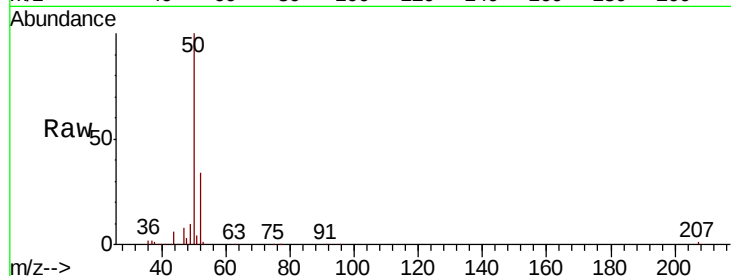
VX0630WBSD02

Tot Ion: 50 Resp: 52665

Ion Ratio Lower Upper

50 100

52 33.6 26.1 39.1



#4

Vinyl Chloride

Concen: 18.656 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017063.D

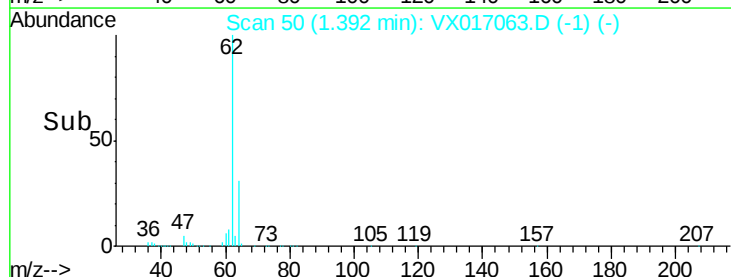
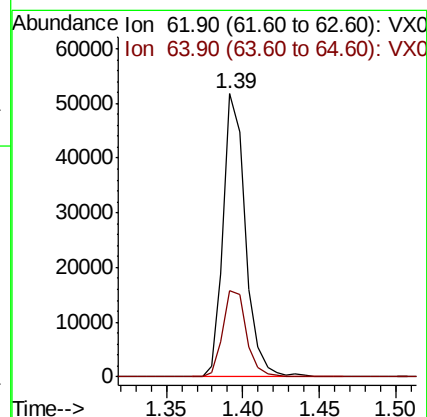
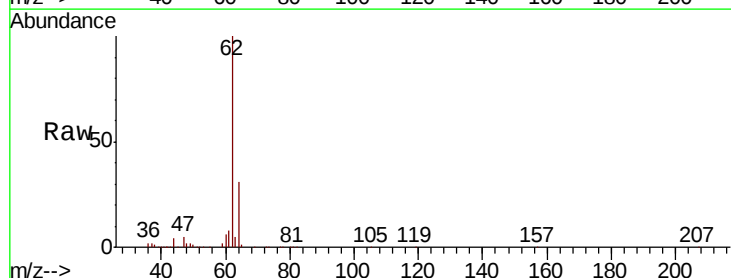
Acq: 30 Jun 2020 23:13

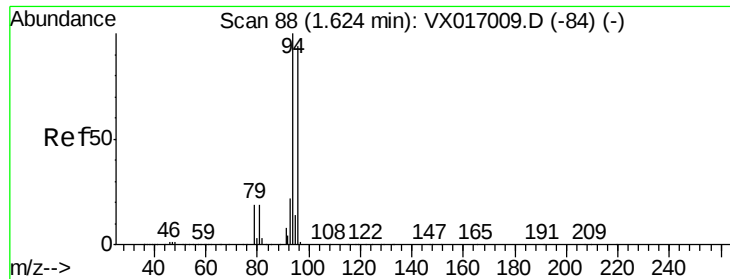
Tgt Ion: 62 Resp: 52295

Ion Ratio Lower Upper

62 100

64 30.5 25.9 38.9





#5

Bromomethane

Concen: 23.554 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

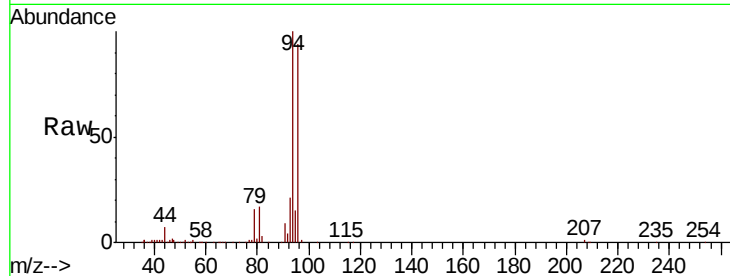
VX0630WBSD02

Tot Ion: 94 Resp: 34882

Ion Ratio Lower Upper

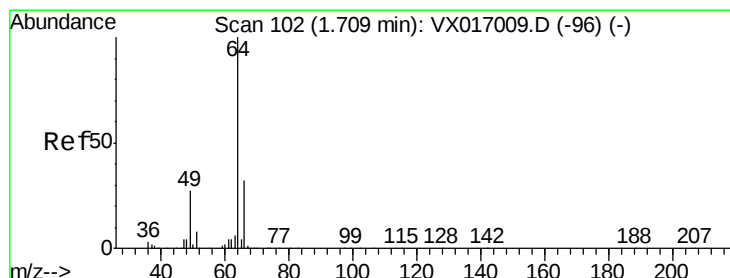
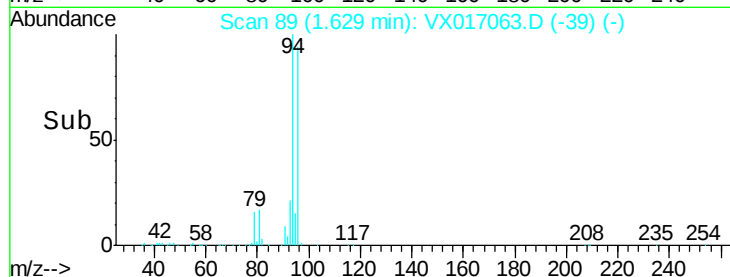
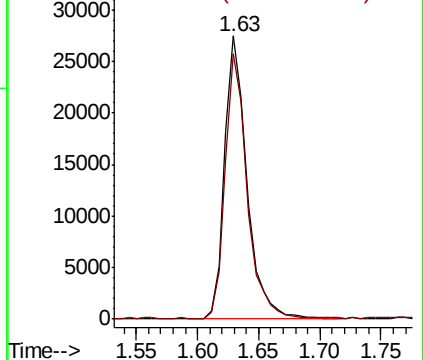
94 100

96 93.7 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.041 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017063.D

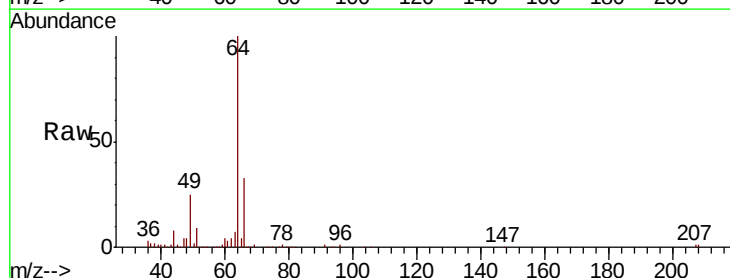
Acq: 30 Jun 2020 23:13

Tgt Ion: 64 Resp: 31523

Ion Ratio Lower Upper

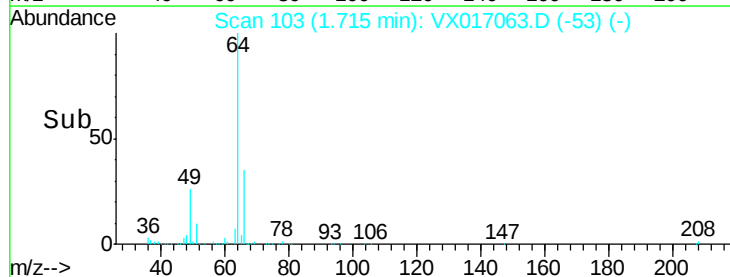
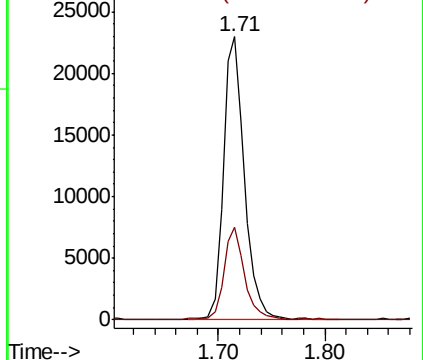
64 100

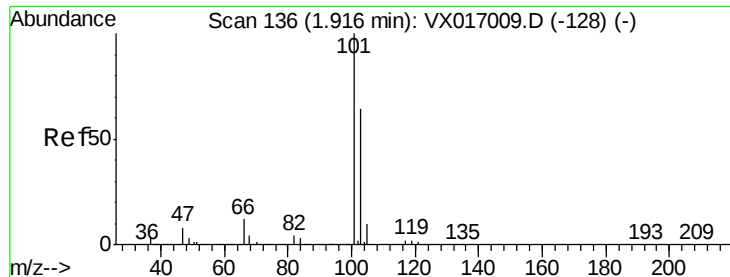
66 32.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



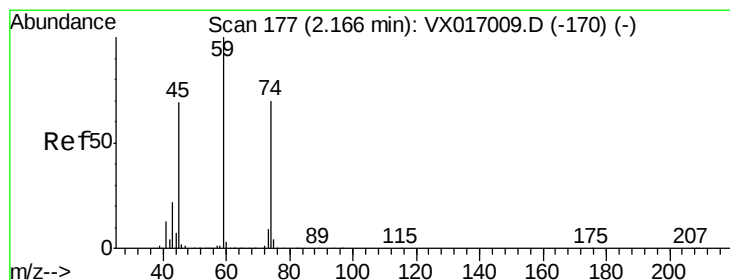
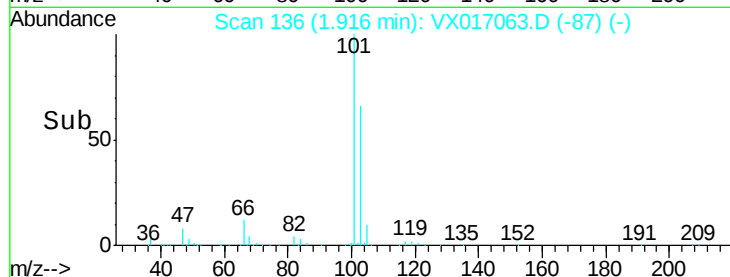
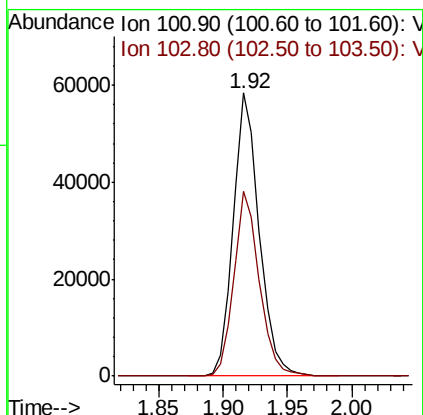
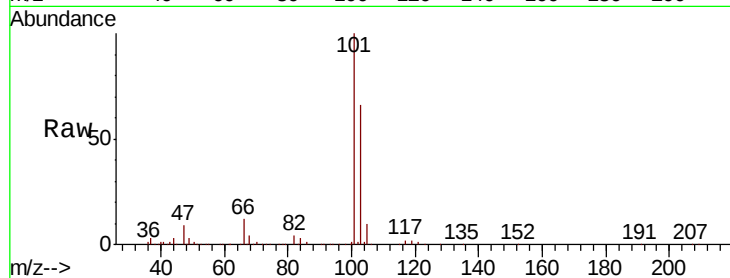


#7

Trichlorofluoromethane
Concen: 19.839 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD02

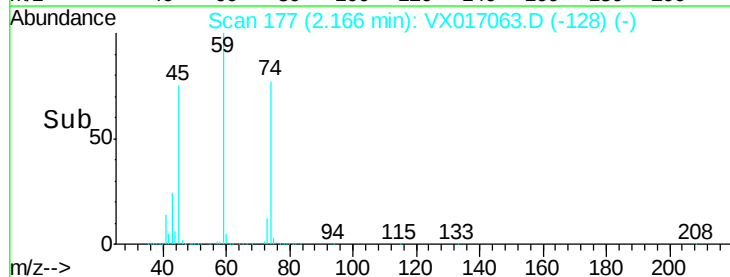
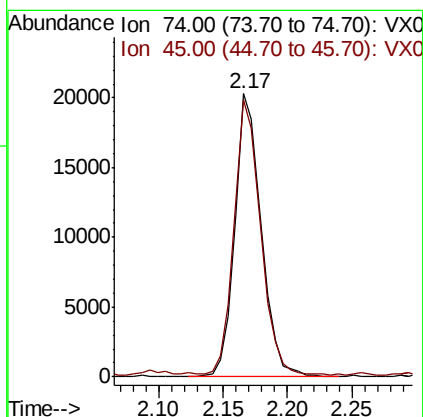
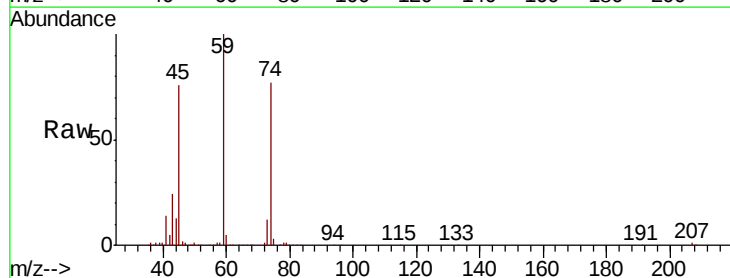
Tot Ion:101 Resp: 82247
Ion Ratio Lower Upper
101 100
103 65.5 51.5 77.3

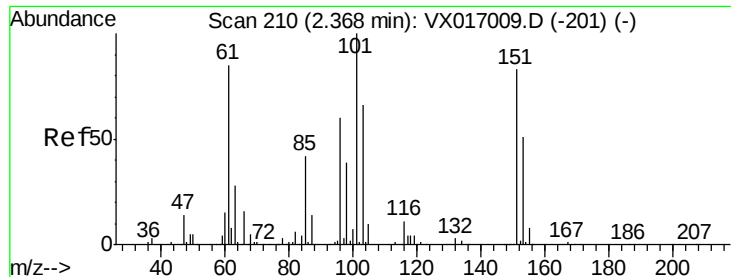


#8

Diethyl Ether
Concen: 21.057 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Tgt Ion: 74 Resp: 29074
Ion Ratio Lower Upper
74 100
45 97.5 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.276 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBSD02

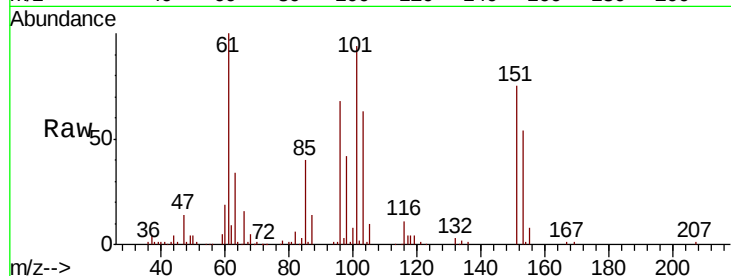
Tot Ion:101 Resp: 47895

Ion Ratio Lower Upper

101 100

85 42.7 33.5 50.3

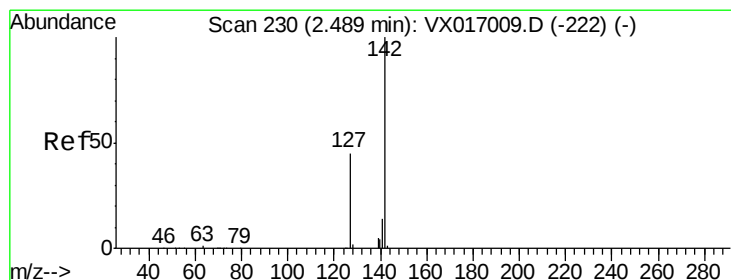
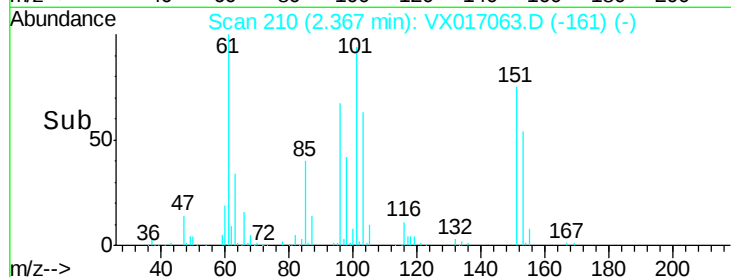
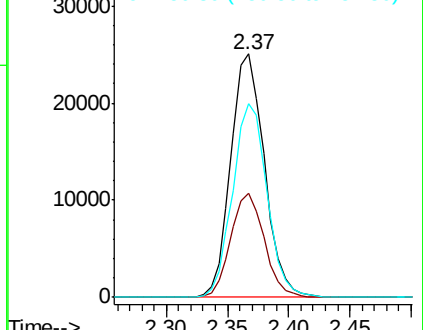
151 81.5 63.8 95.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.920 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

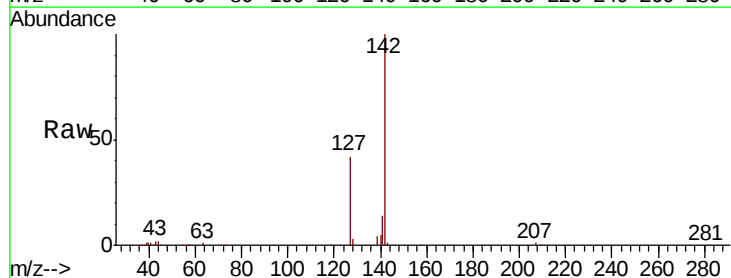
Tgt Ion:142 Resp: 51040

Ion Ratio Lower Upper

142 100

127 44.4 36.6 54.8

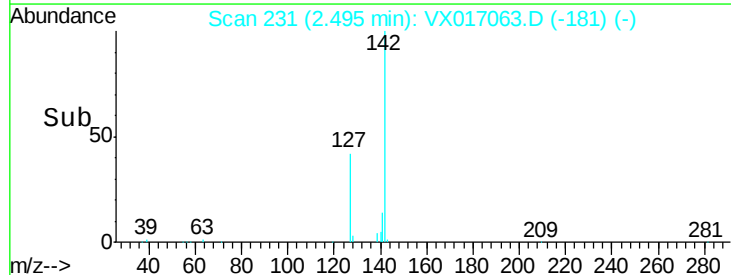
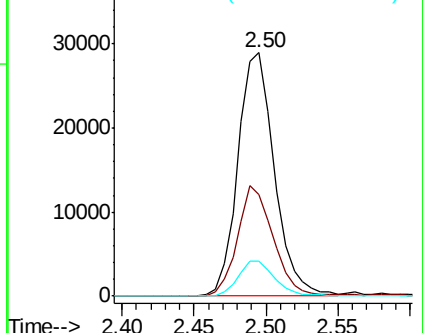
141 14.5 11.6 17.4

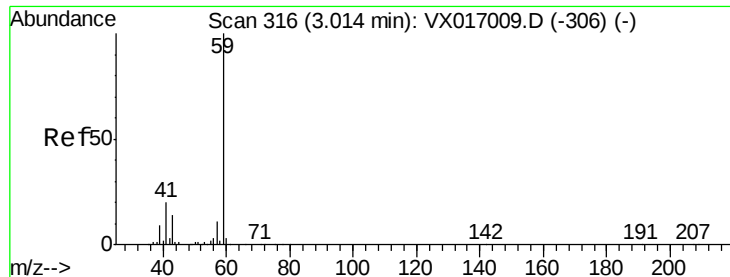


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



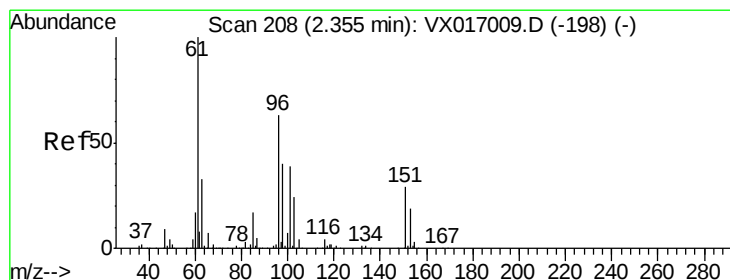
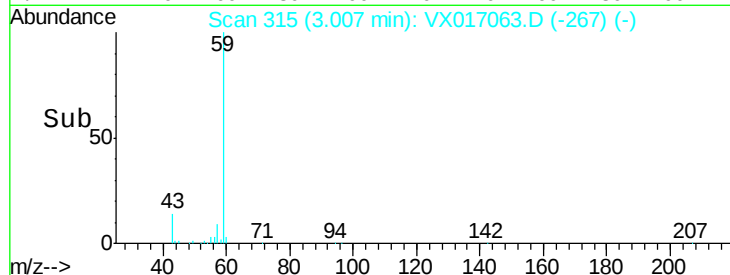
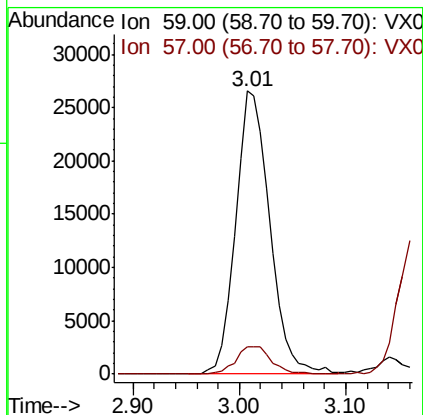
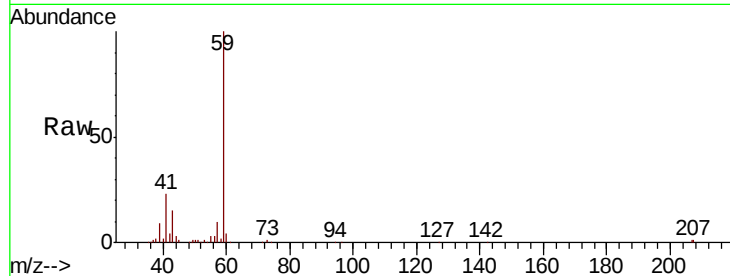


#11

Tert butyl alcohol
Concen: 98.567 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD02

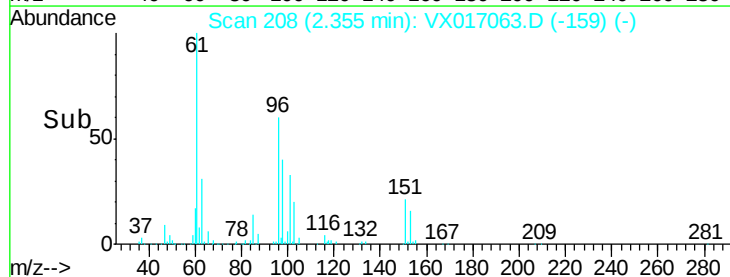
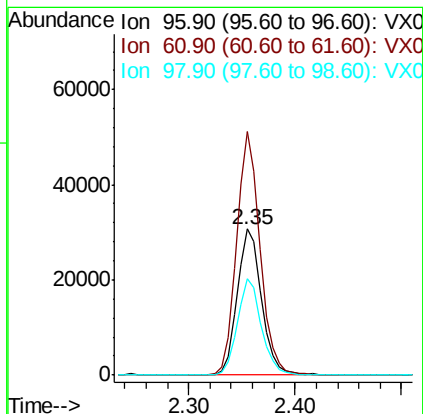
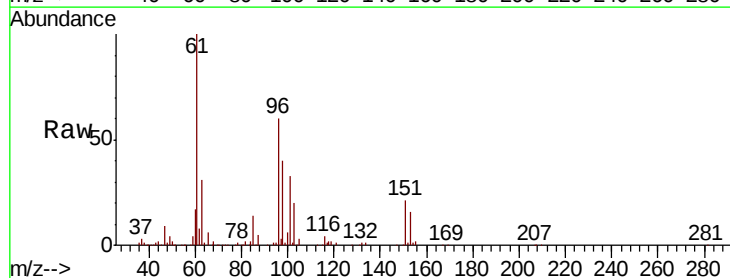
Tot Ion: 59 Resp: 59805
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

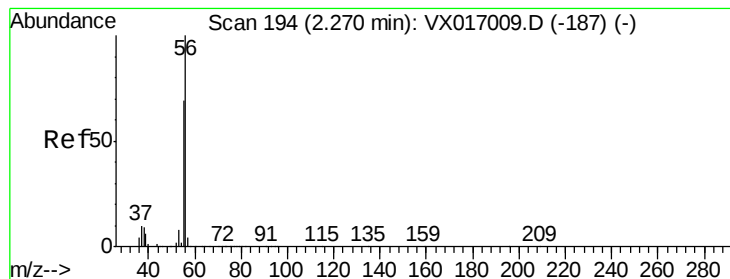


#12

1,1-Dichloroethene
Concen: 19.216 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Tgt Ion: 96 Resp: 49048
Ion Ratio Lower Upper
96 100
61 167.1 126.3 189.5
98 66.4 51.0 76.6





#13

Acrolein

Concen: 78.580 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

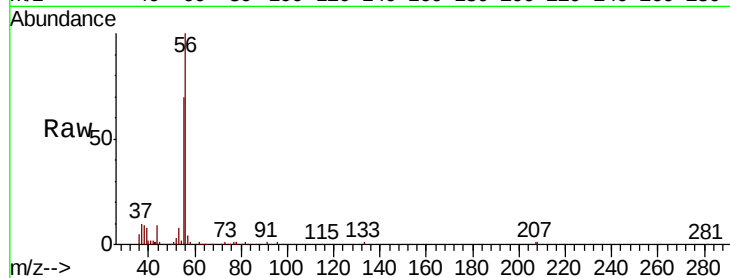
VX0630WBSD02

Tot Ion: 56 Resp: 28501

Ion Ratio Lower Upper

56 100

55 70.2 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

20000

15000

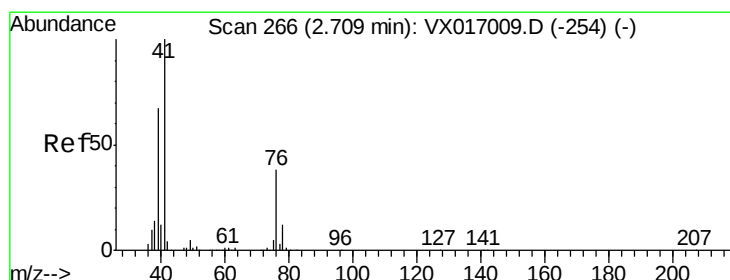
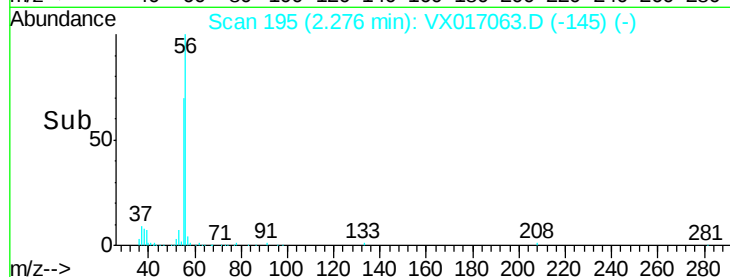
10000

5000

0

Time-->

2.20 2.25 2.30 2.35



#14

Allyl chloride

Concen: 18.130 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

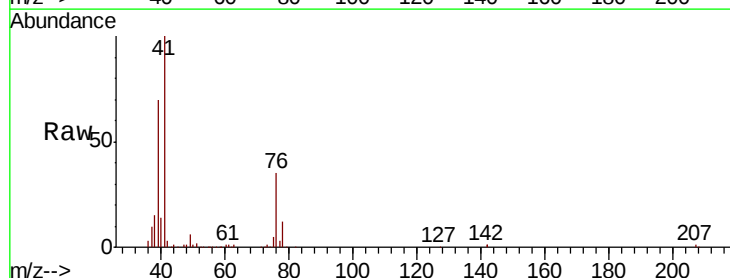
Tgt Ion: 41 Resp: 85521

Ion Ratio Lower Upper

41 100

39 64.6 49.4 74.2

76 33.3 26.8 40.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

60000

50000

40000

30000

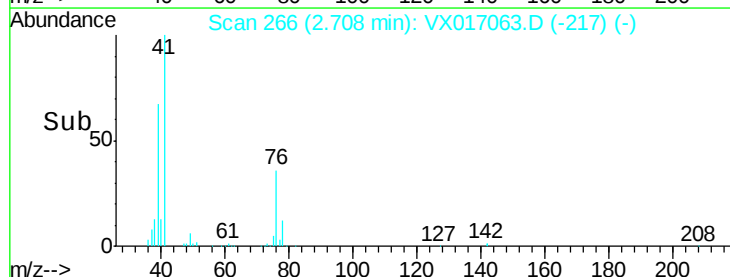
20000

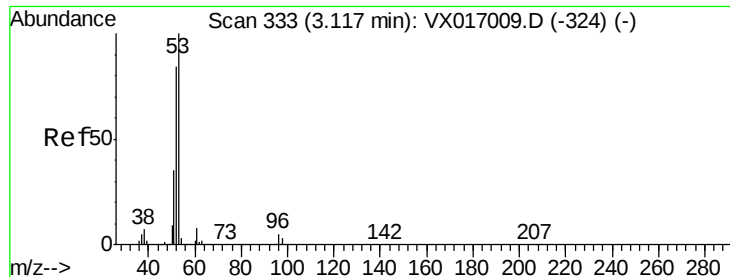
10000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 97.999 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBSD02

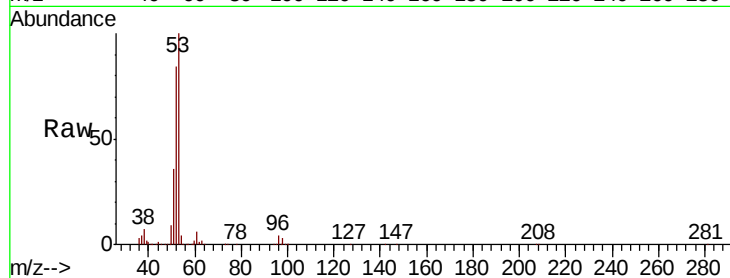
Tot Ion: 53 Resp: 142941

Ion Ratio Lower Upper

53 100

52 81.9 65.6 98.4

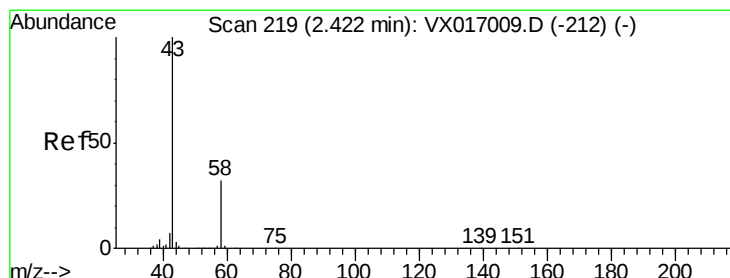
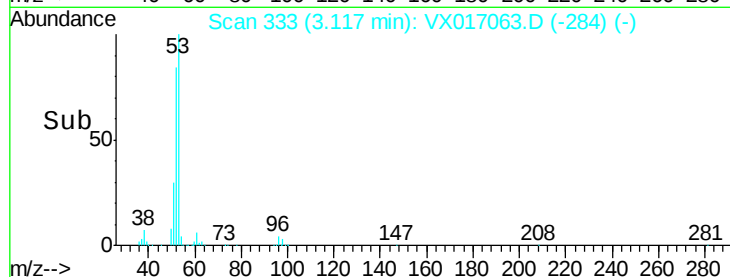
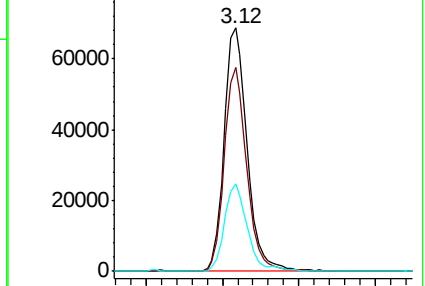
51 35.8 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 100.121 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017063.D

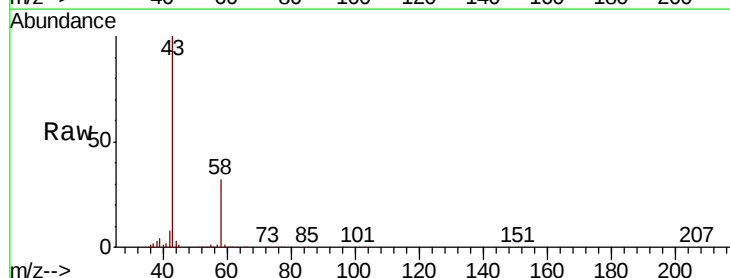
Acq: 30 Jun 2020 23:13

Tgt Ion: 43 Resp: 119124

Ion Ratio Lower Upper

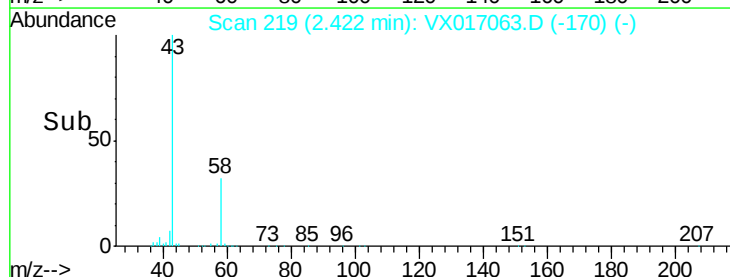
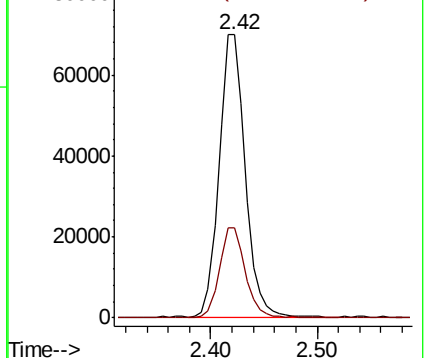
43 100

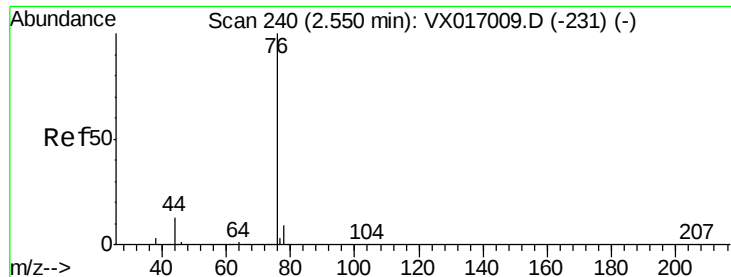
58 31.6 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

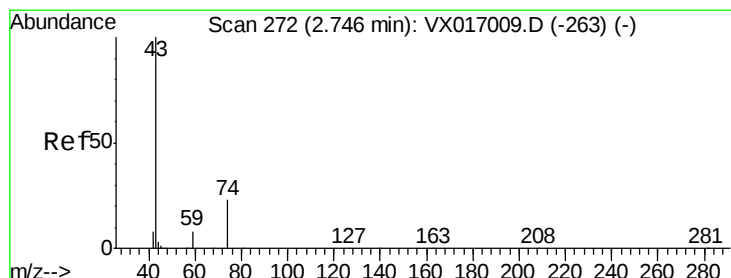
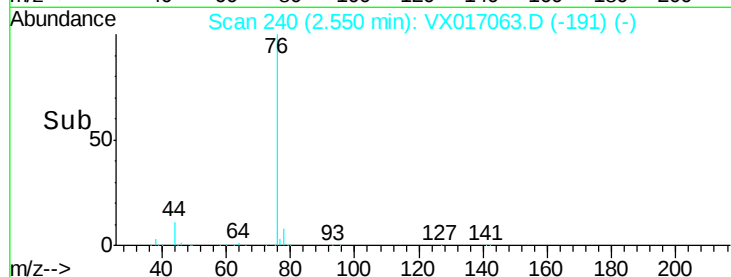
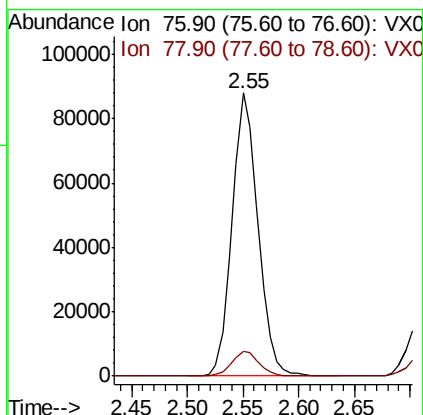
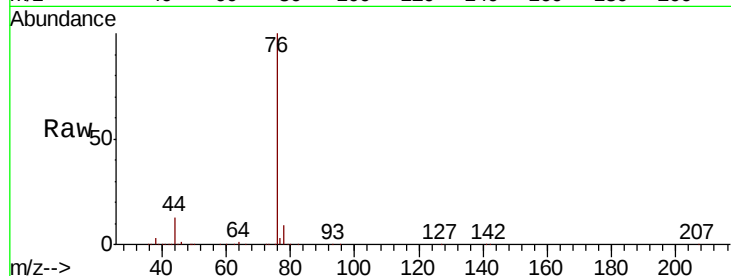




#17
Carbon Disulfide
Concen: 19.871 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

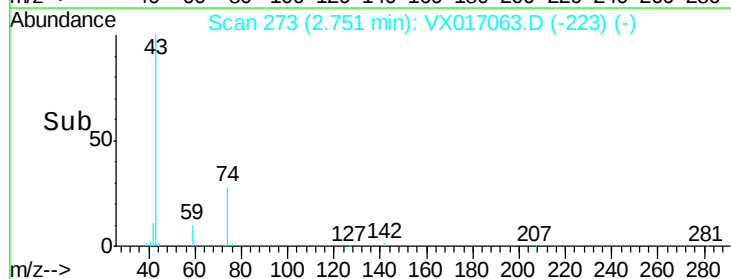
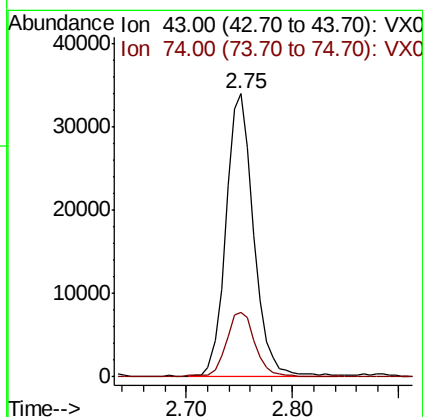
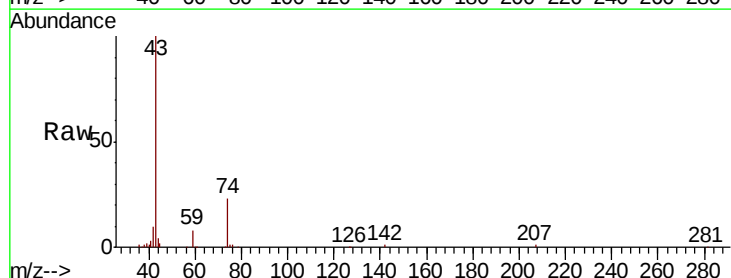
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD02

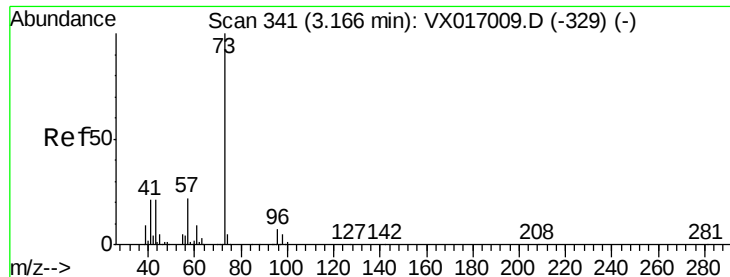
Tot Ion: 76 Resp: 141439
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 19.835 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Tgt Ion: 43 Resp: 61608
Ion Ratio Lower Upper
43 100
74 24.1 19.3 28.9



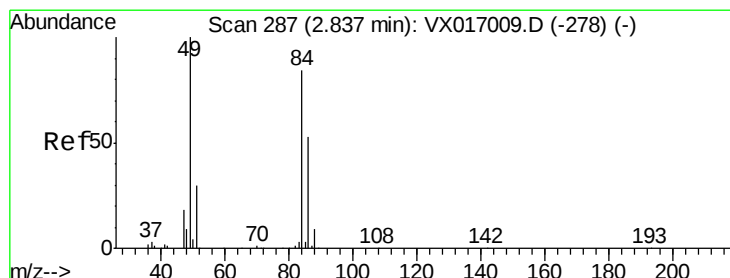
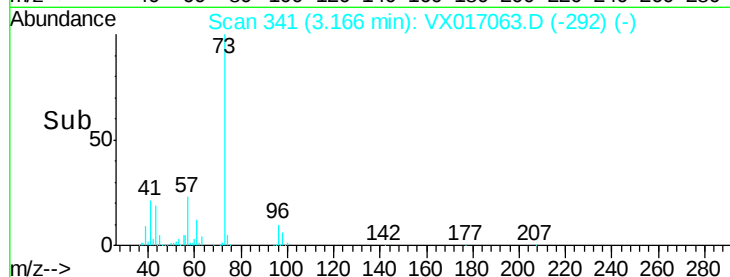
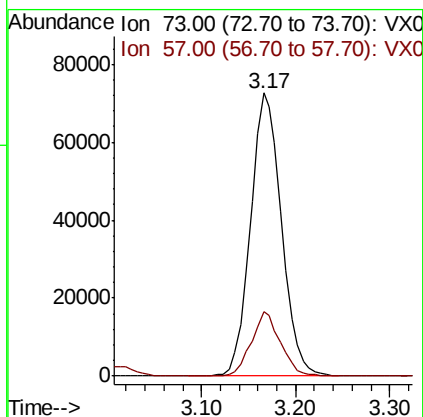
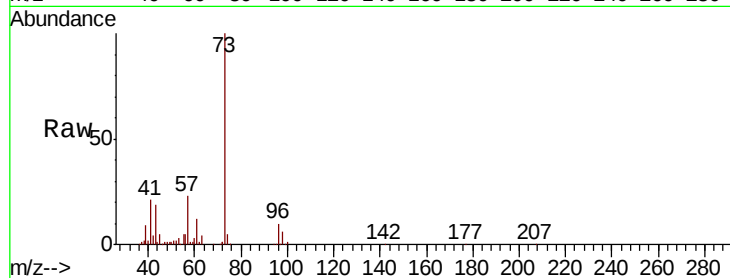


#19

Methyl tert-butyl Ether
 Concen: 19.555 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX017063.D
 Acq: 30 Jun 2020 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBSD02

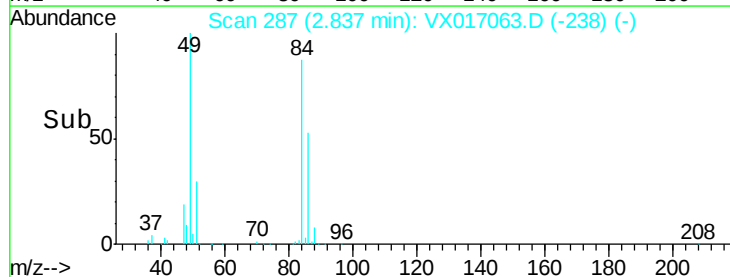
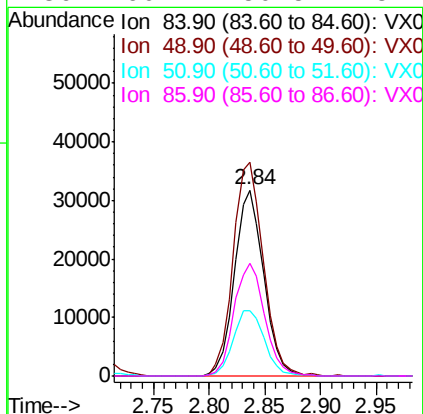
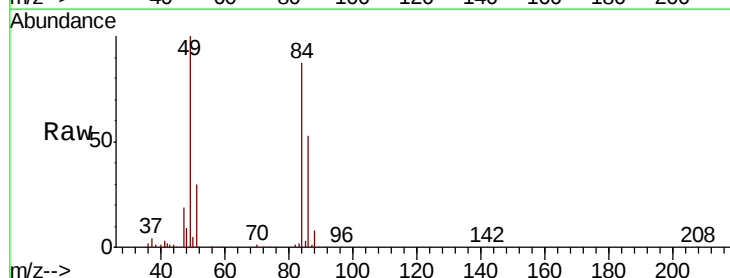
Tot Ion: 73 Resp: 167517
 Ion Ratio Lower Upper
 73 100
 57 22.8 17.6 26.4

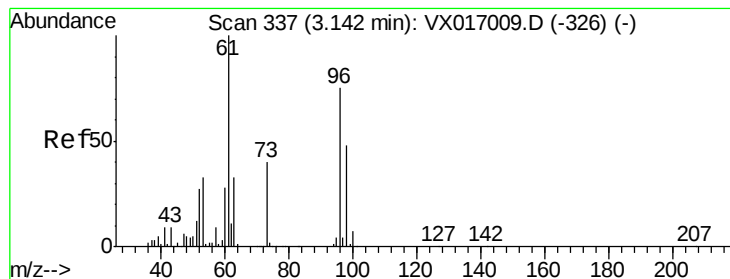


#20

Methylene Chloride
 Concen: 20.754 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017063.D
 Acq: 30 Jun 2020 23:13

Tgt Ion: 84 Resp: 57881
 Ion Ratio Lower Upper
 84 100
 49 114.9 94.7 142.1
 51 34.9 28.6 42.8
 86 60.7 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 19.667 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBSD02

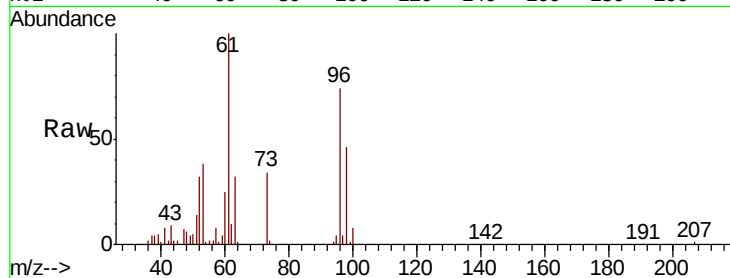
Tot Ion: 96 Resp: 55709

Ion Ratio Lower Upper

96 100

61 134.9 107.0 160.6

98 62.6 51.6 77.4

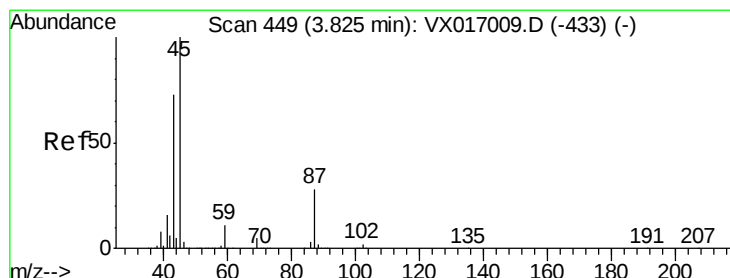
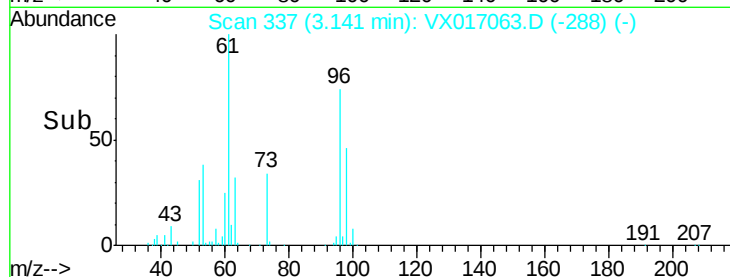
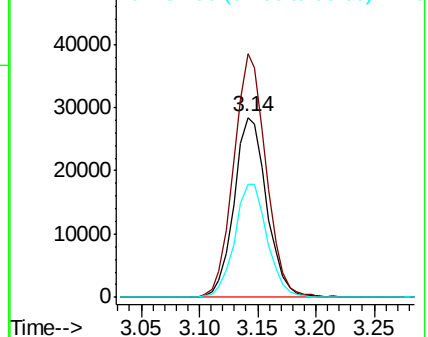


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.674 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Tgt Ion: 45 Resp: 171771

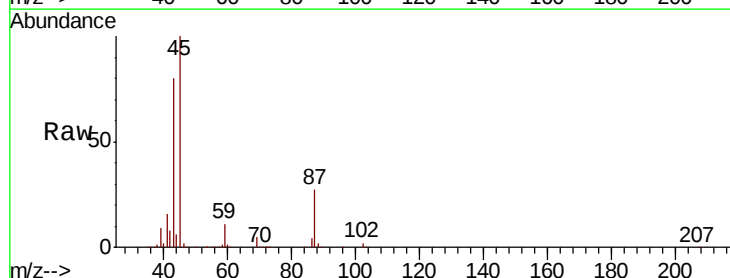
Ion Ratio Lower Upper

45 100

43 80.3 58.6 88.0

87 27.2 22.6 34.0

59 11.2 8.7 13.1



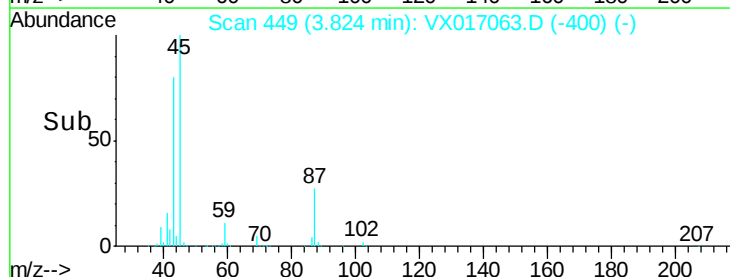
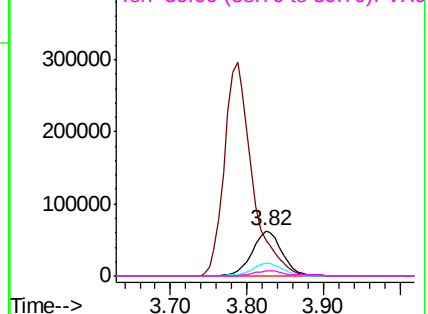
Abundance

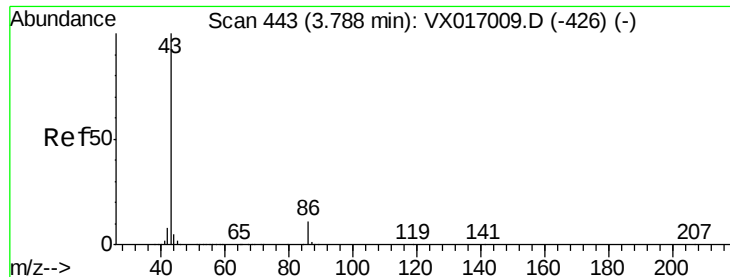
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 99.727 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

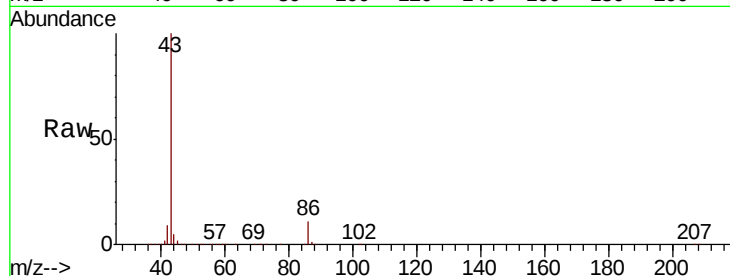
VX0630WBSD02

Tot Ion: 43 Resp: 748184

Ion Ratio Lower Upper

43 100

86 11.0 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

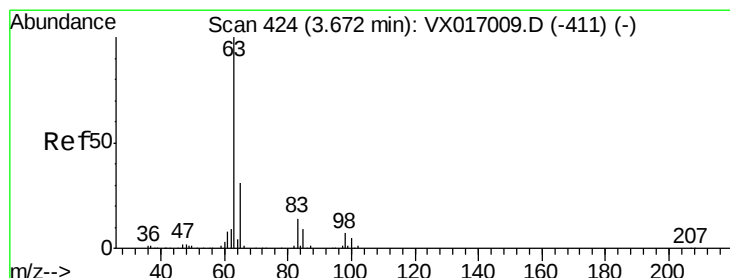
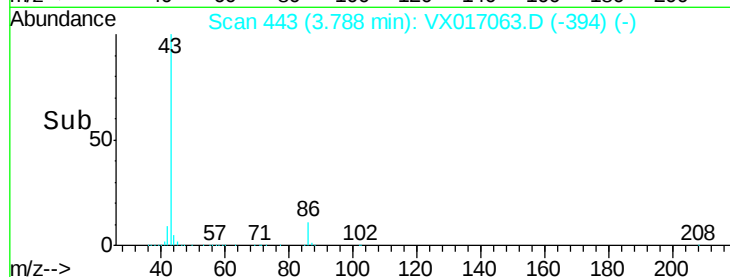
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.347 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

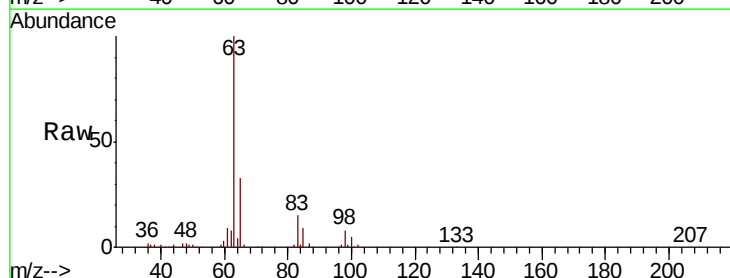
Tgt Ion: 63 Resp: 96112

Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.8

100 5.2 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.67

50000

40000

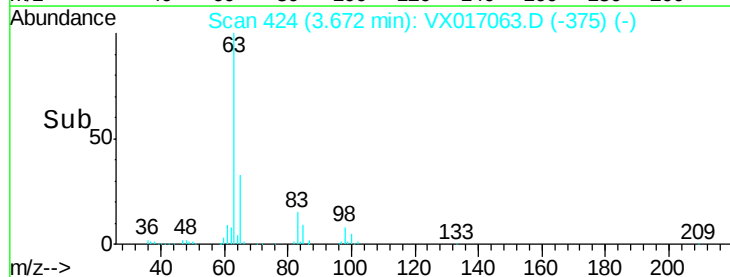
30000

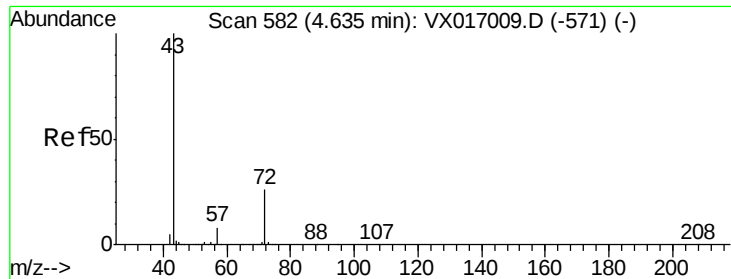
20000

10000

0

Time-->





#25

2-Butanone

Concen: 98.566 ug/l

RT: 4.63 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

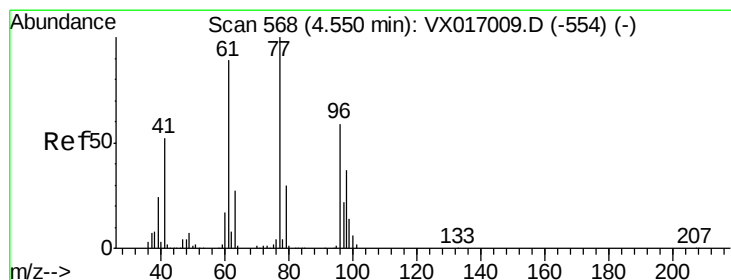
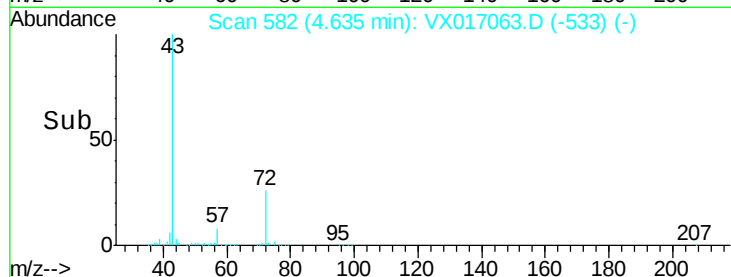
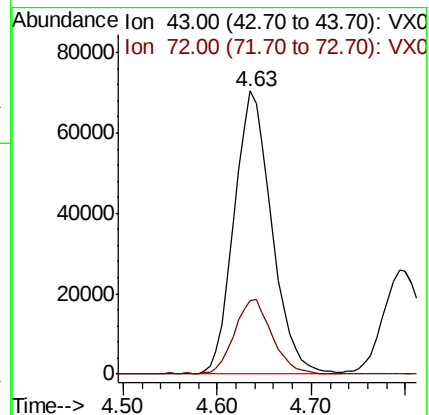
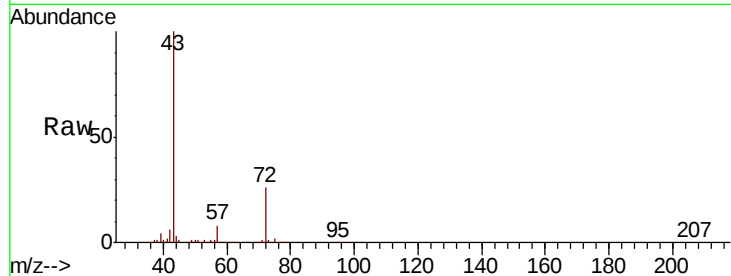
VX0630WBSD02

Tot Ion: 43 Resp: 195408

Ion Ratio Lower Upper

43 100

72 25.6 20.8 31.2



#26

2,2-Dichloropropane

Concen: 15.725 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX017063.D

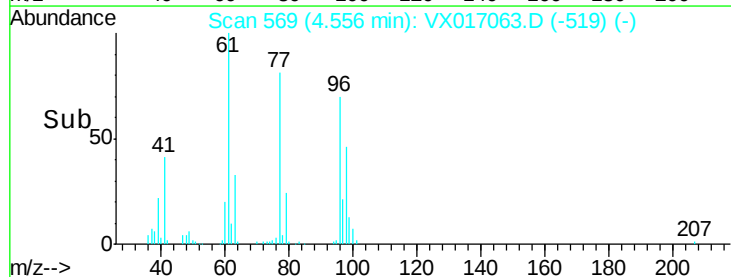
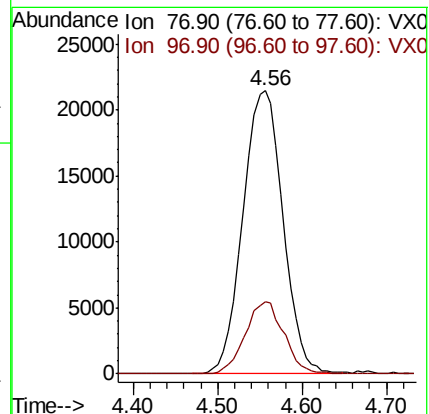
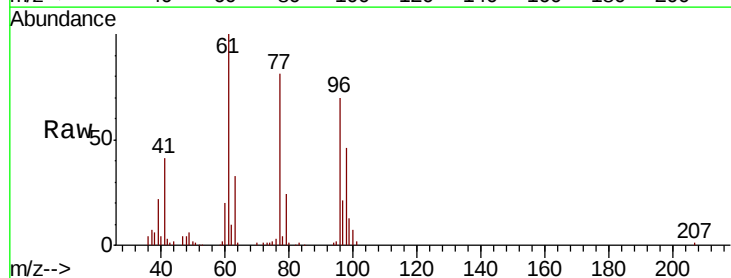
Acq: 30 Jun 2020 23:13

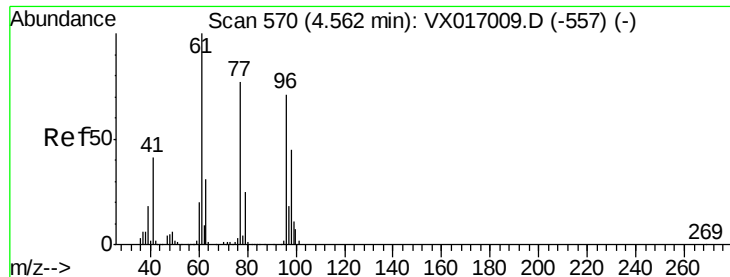
Tgt Ion: 77 Resp: 69362

Ion Ratio Lower Upper

77 100

97 24.6 11.4 34.2



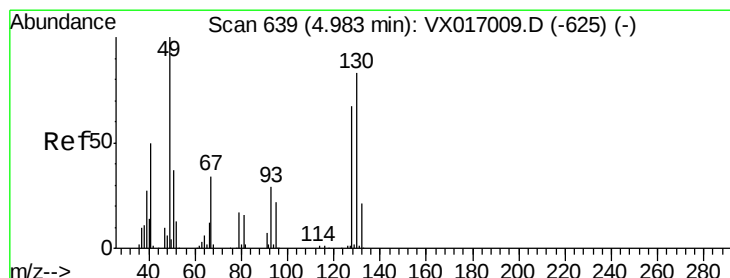
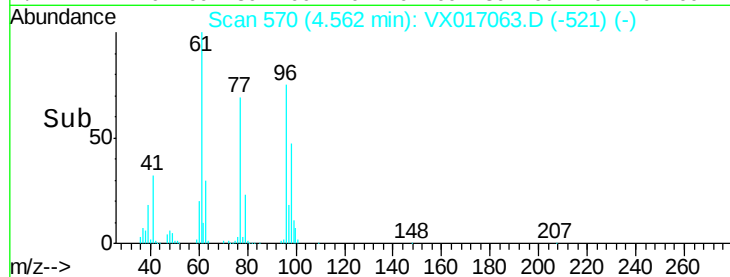
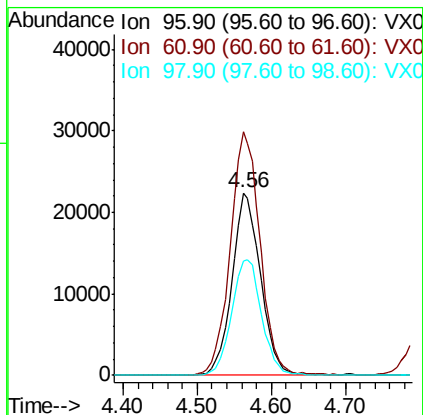
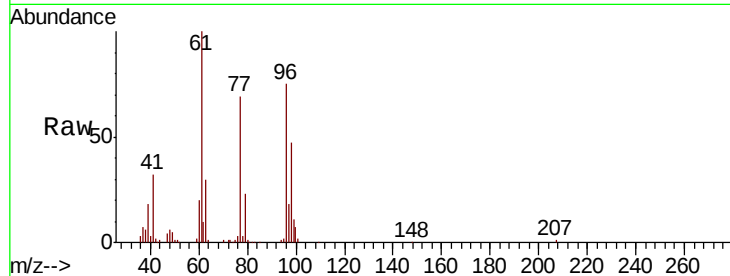


#27

cis-1,2-Dichloroethene
Concen: 18.729 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD02

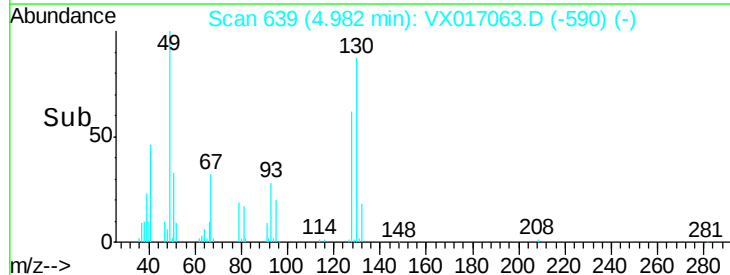
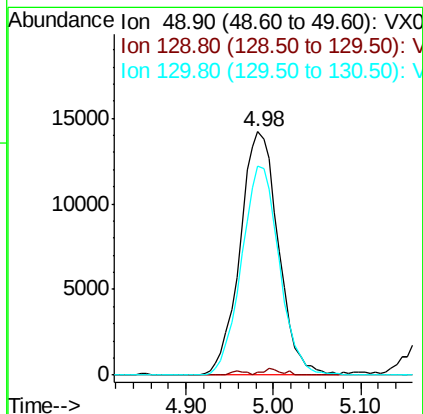
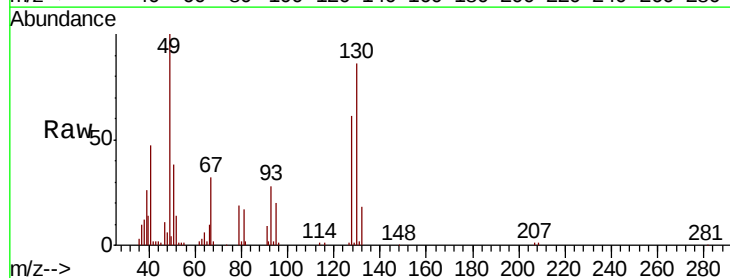
Tot Ion	Ratio	Lower	Upper
96	100		
61	139.0	0.0	282.8
98	66.1	0.0	127.6

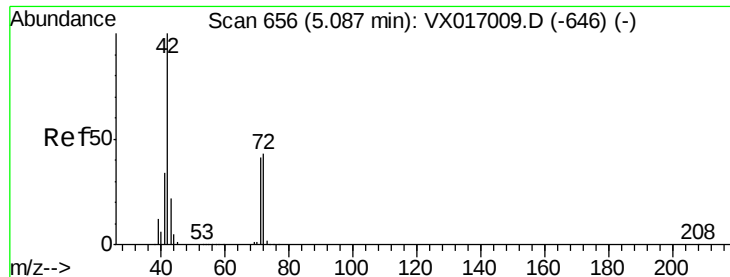


#28

Bromochloromethane
Concen: 17.919 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	4.2
130	84.5	66.6	100.0





#29

Tetrahydrofuran

Concen: 96.446 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBSD02

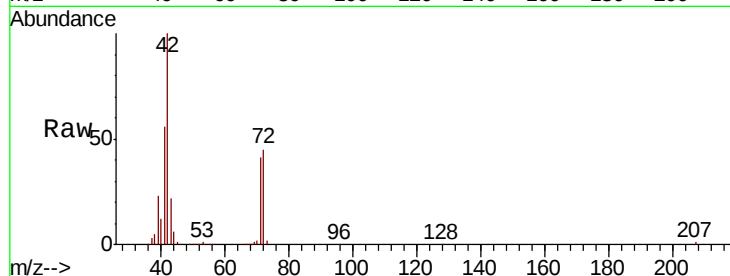
Tot Ion: 42 Resp: 126333

Ion Ratio Lower Upper

42 100

72 46.2 35.3 52.9

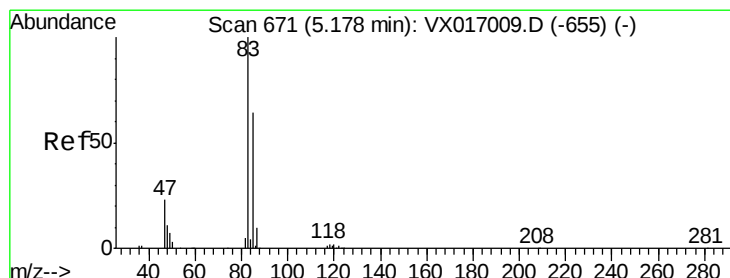
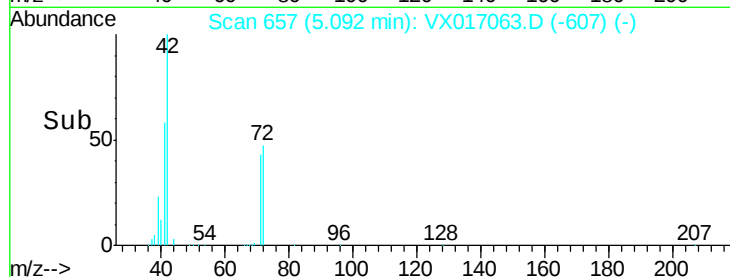
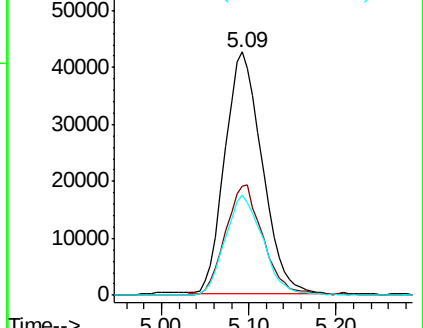
71 42.2 33.1 49.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.810 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX017063.D

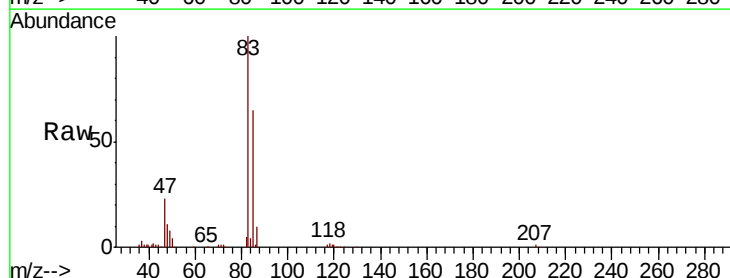
Acq: 30 Jun 2020 23:13

Tgt Ion: 83 Resp: 100881

Ion Ratio Lower Upper

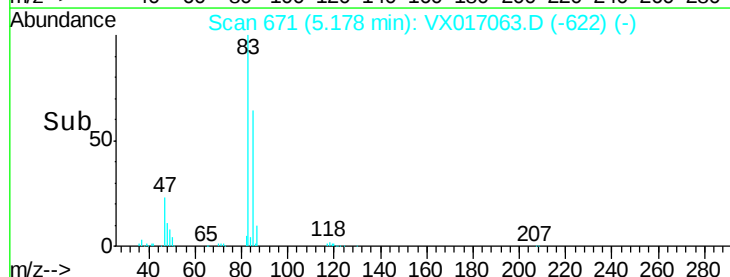
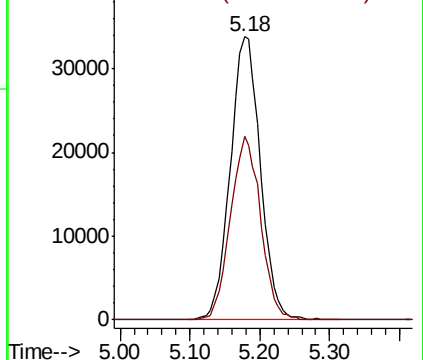
83 100

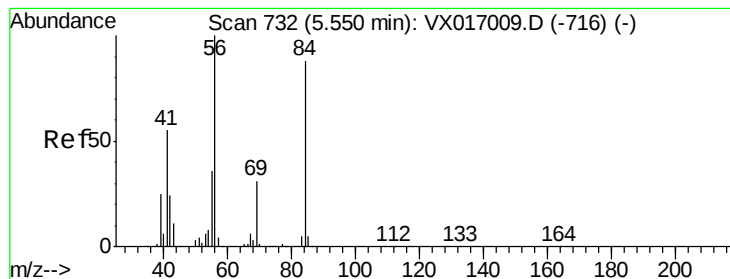
85 65.0 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 19.186 ug/l

RT: 5.56 min Scan# 733

Delta R.T. 0.01 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBSD02

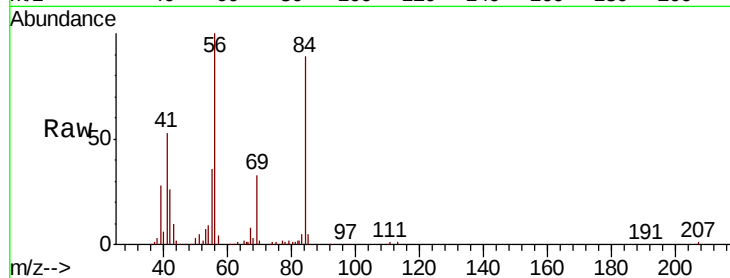
Tot Ion: 56 Resp: 82384

Ion Ratio Lower Upper

56 100

69 32.9 25.0 37.4

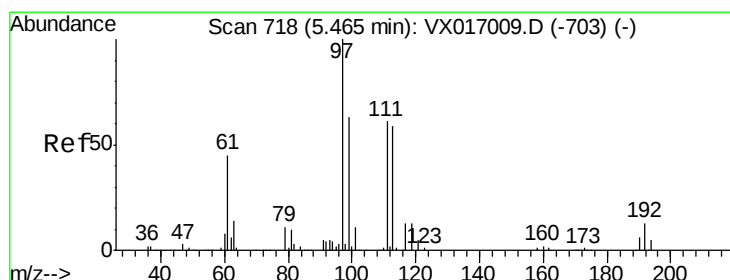
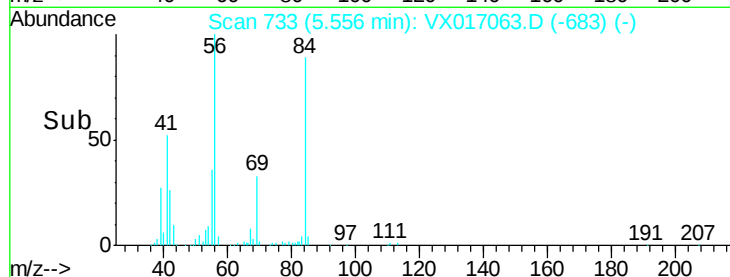
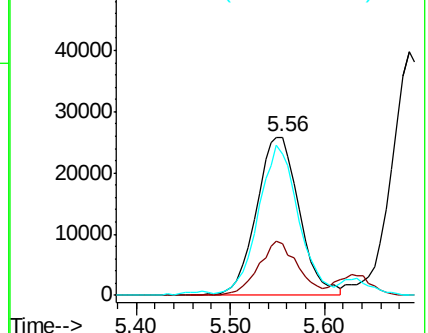
84 87.5 69.1 103.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.195 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

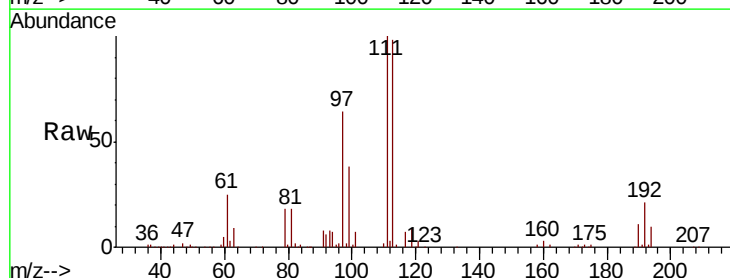
Tgt Ion: 97 Resp: 90022

Ion Ratio Lower Upper

97 100

99 64.9 50.8 76.2

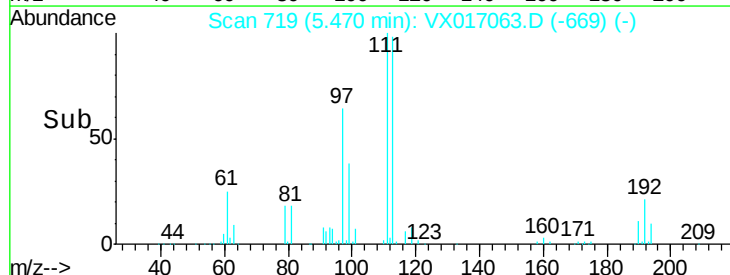
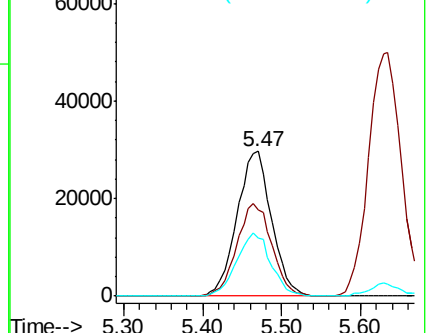
61 43.4 33.7 50.5

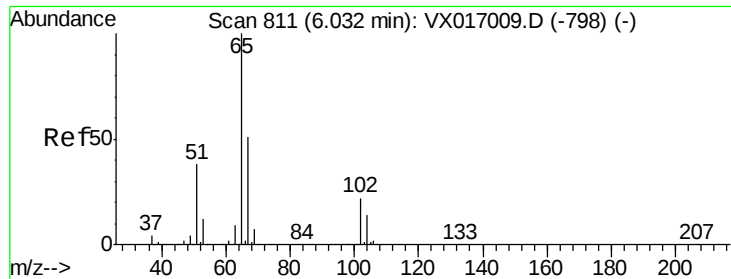


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 51.496 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

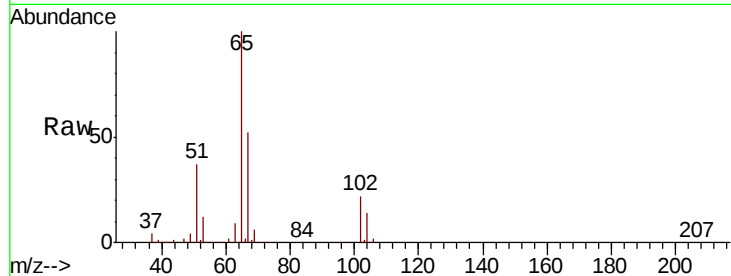
VX0630WBSD02

Tot Ion: 65 Resp: 163785

Ion Ratio Lower Upper

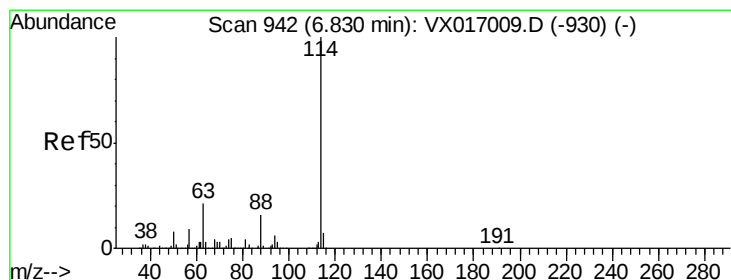
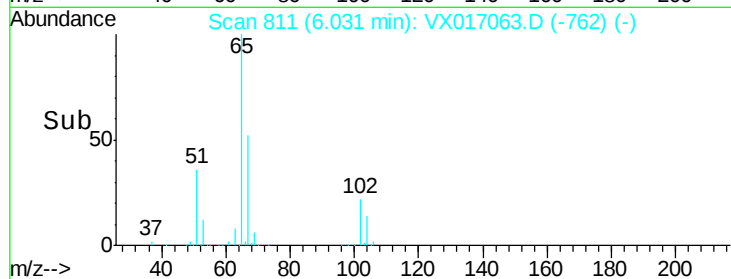
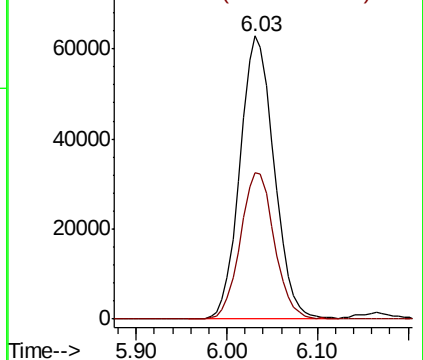
65 100

67 51.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

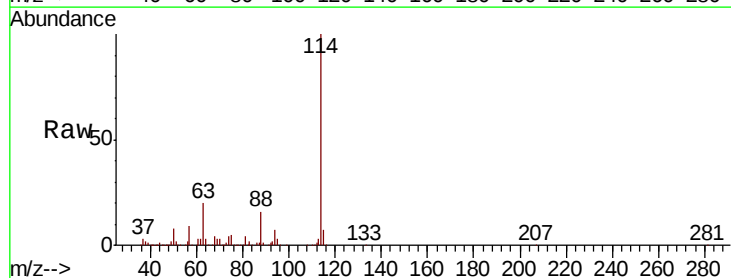
Tgt Ion: 114 Resp: 408939

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.4

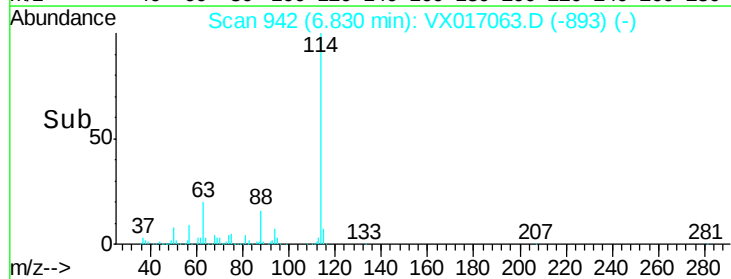
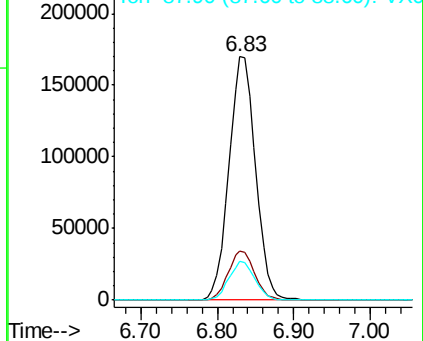
88 16.0 0.0 32.4

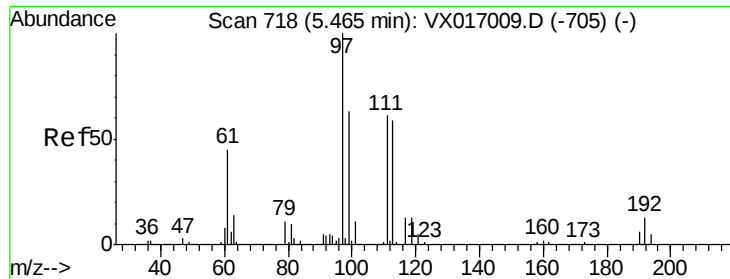


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

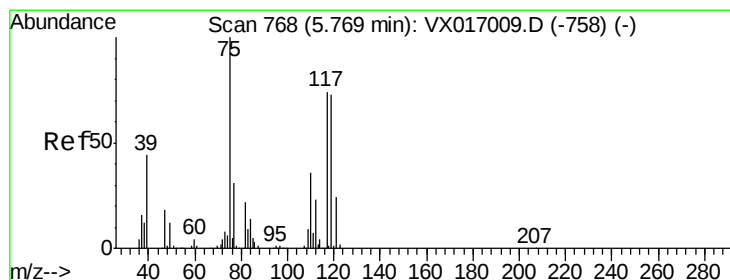
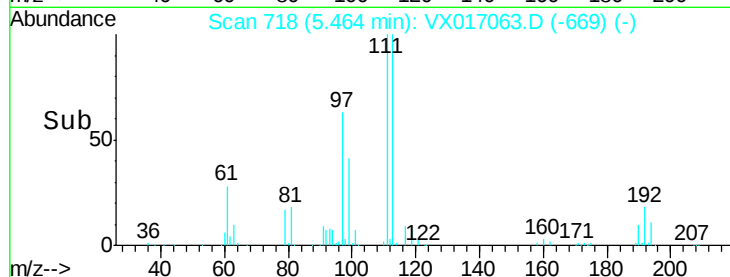
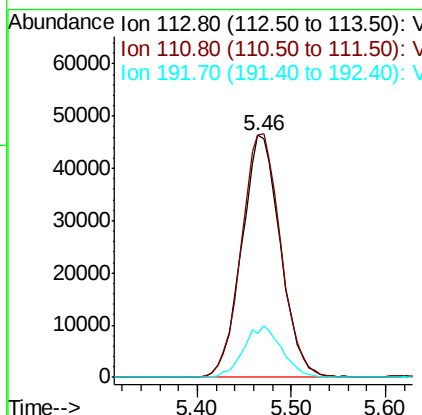
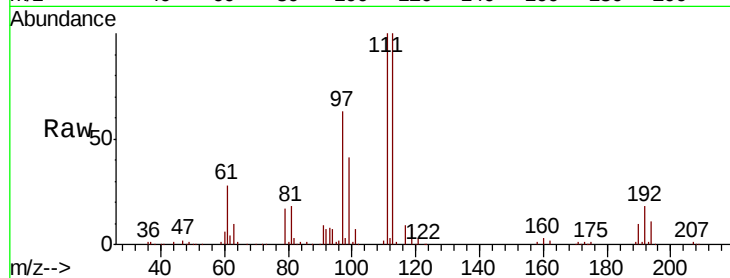




#35
Dibromofluoromethane
Concen: 51.436 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

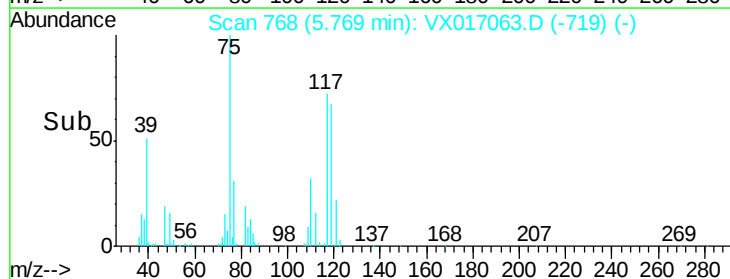
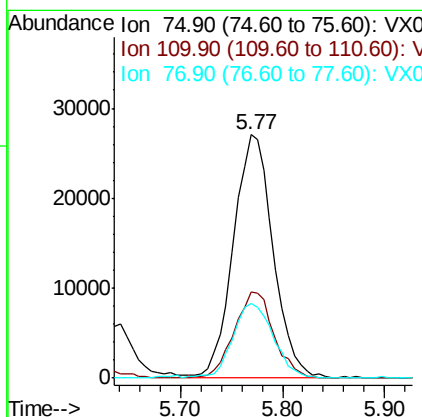
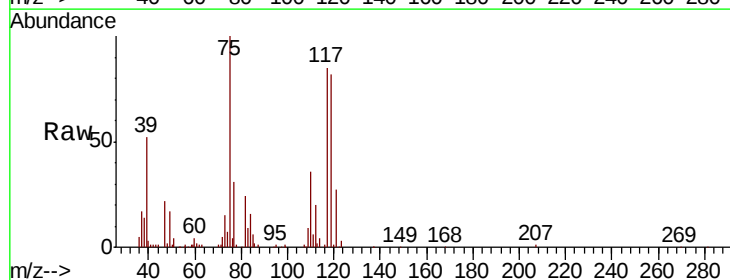
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD02

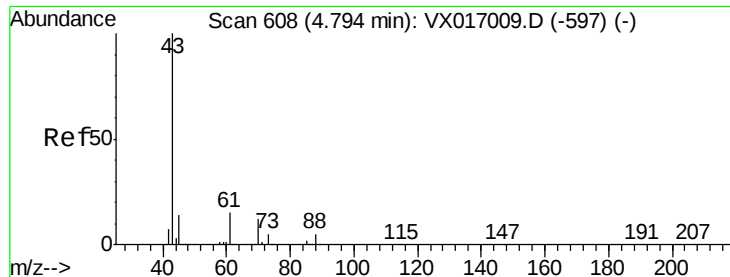
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.9	122.9
192	21.0	16.7	25.1



#36
1,1-Dichloropropene
Concen: 18.730 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	18.1	54.1
77	32.0	24.6	37.0

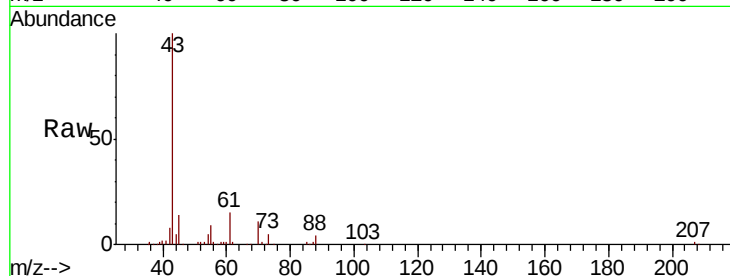




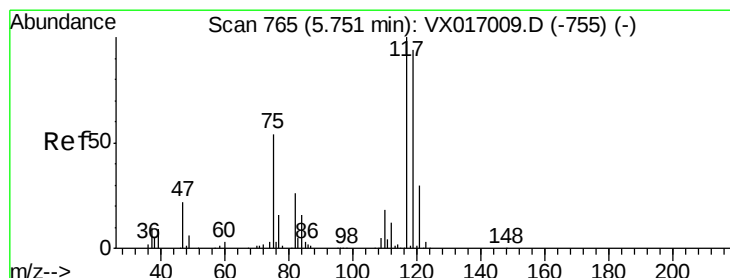
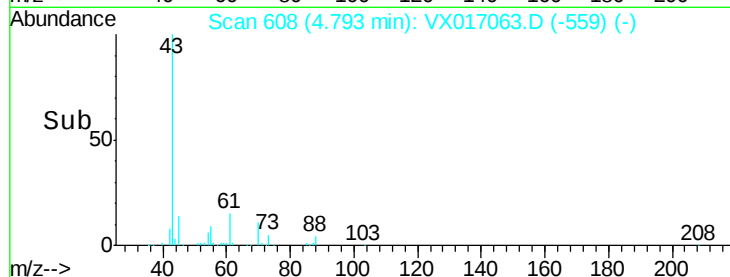
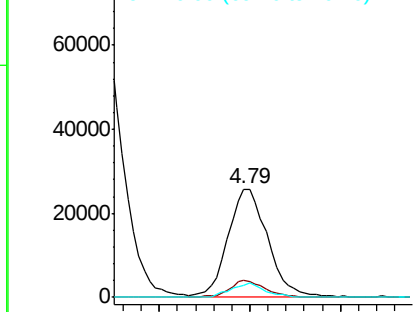
#37
Ethyl Acetate
Concen: 19.559 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD02

Tot Ion	43	Resp	76700
Ion Ratio	Lower	Upper	
43	100		
61	14.2	11.0	16.4
70	11.6	8.9	13.3

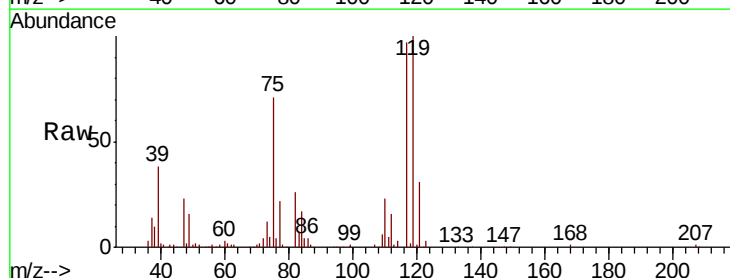


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

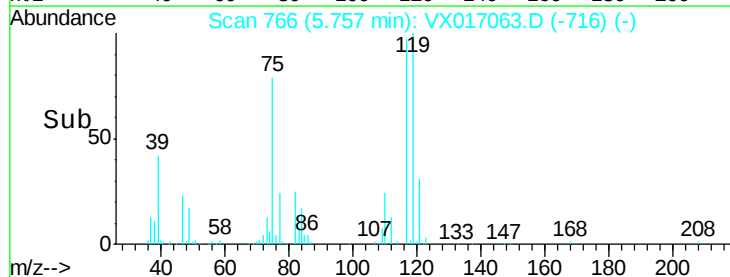
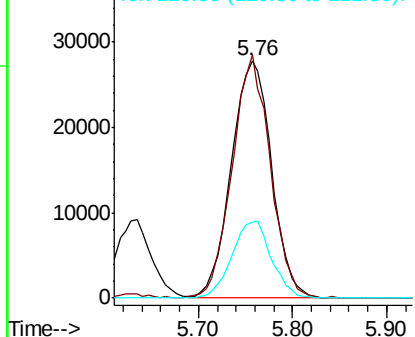


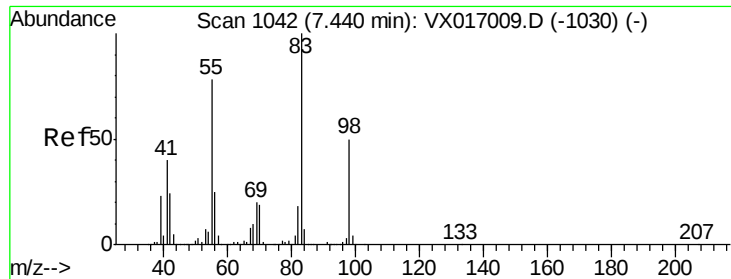
#38
Carbon Tetrachloride
Concen: 19.507 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Tgt Ion	117	Resp	83042
Ion Ratio	Lower	Upper	
117	100		
119	102.4	75.4	113.0
121	32.1	23.8	35.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

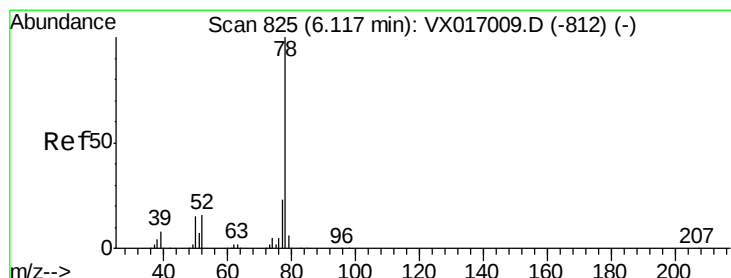
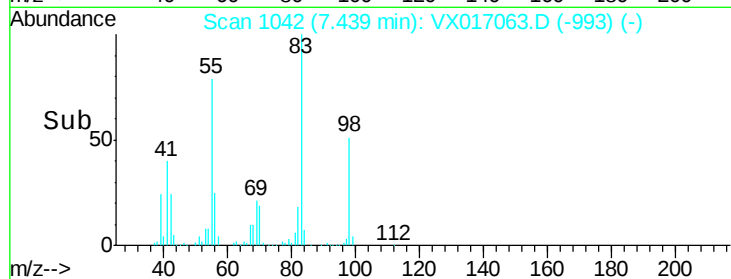
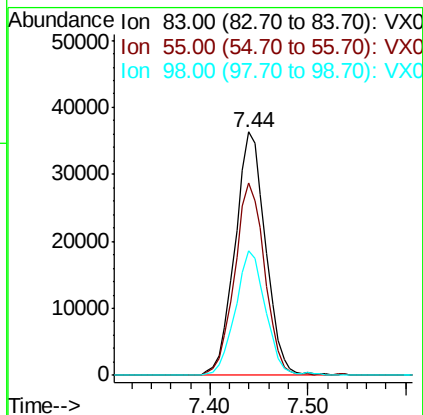
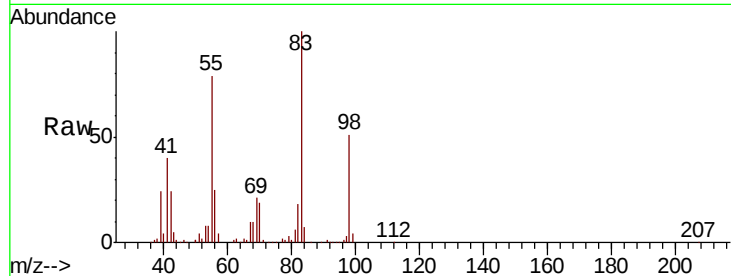




#39
Methvlcvclohexane
Concen: 18.366 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

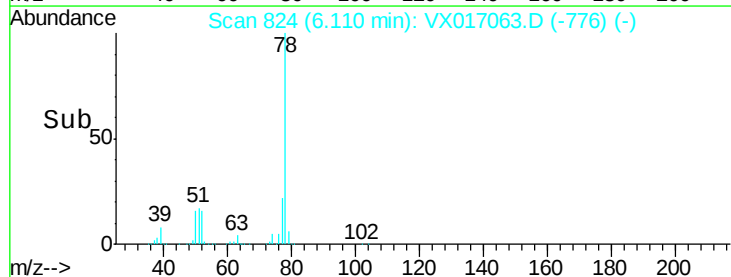
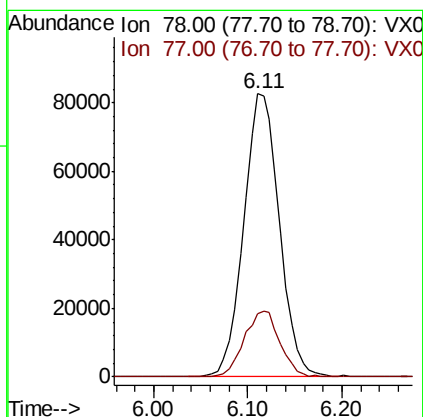
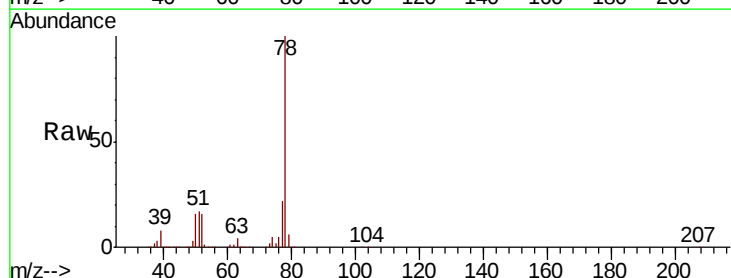
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD02

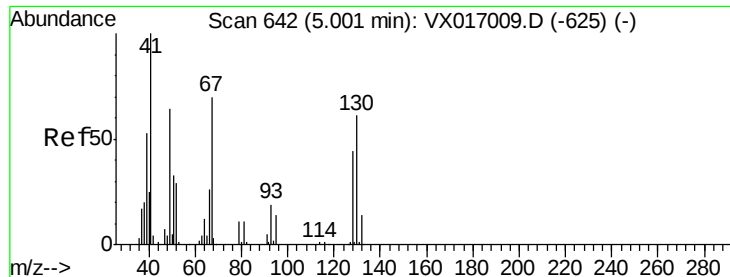
Tot Ion: 83 Resp: 78977
Ion Ratio Lower Upper
83 100
55 78.7 62.5 93.7
98 50.9 40.1 60.1



#40
Benzene
Concen: 19.280 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Tgt Ion: 78 Resp: 218945
Ion Ratio Lower Upper
78 100
77 22.3 18.3 27.5





#41

Methacrylonitrile

Concen: 19.133 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBSD02

Tot Ion: 41 Resp: 42228

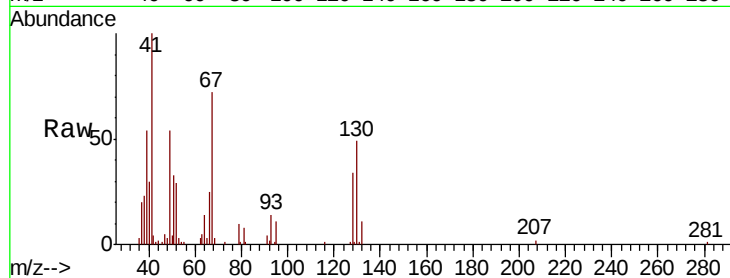
Ion Ratio Lower Upper

41 100

39 54.6 44.4 66.6

67 73.2 57.1 85.7

52 30.0 23.2 34.8

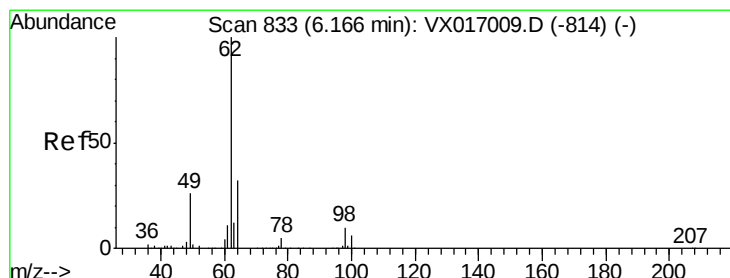
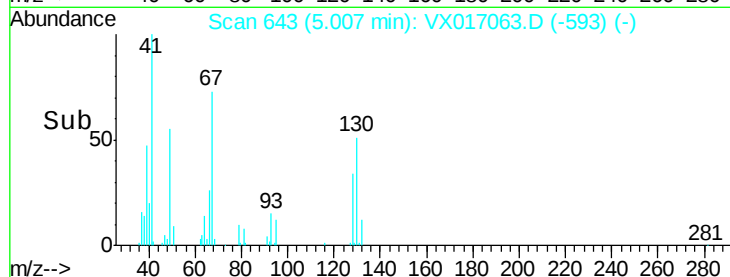
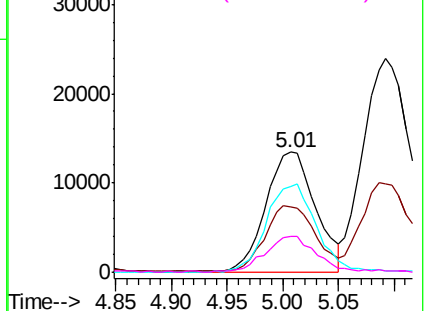


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.834 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX017063.D

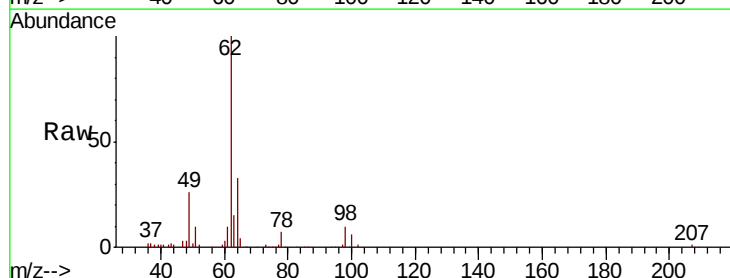
Acq: 30 Jun 2020 23:13

Tgt Ion: 62 Resp: 81357

Ion Ratio Lower Upper

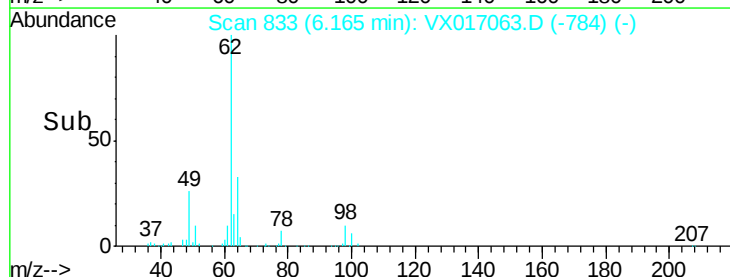
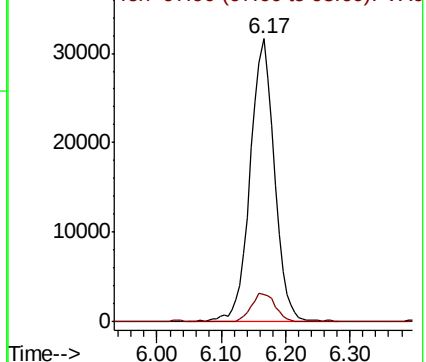
62 100

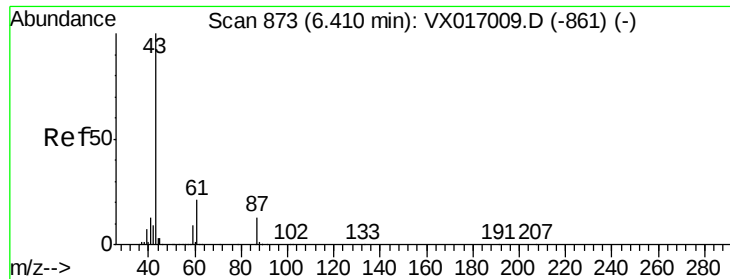
98 10.0 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



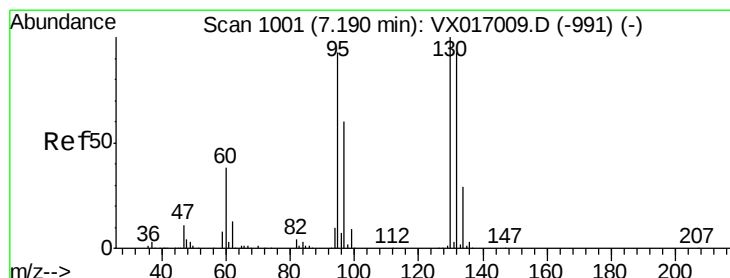
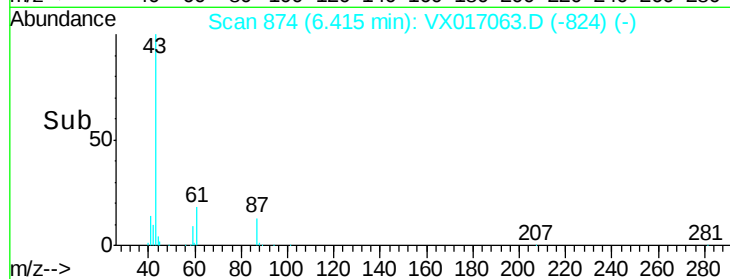
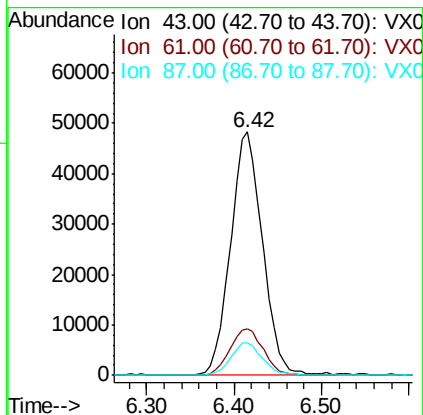
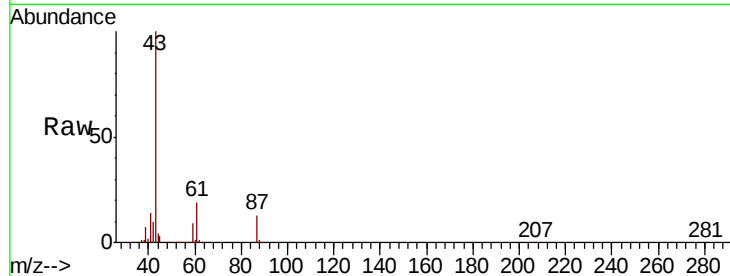


#43

Isopropyl Acetate
 Concen: 18.804 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VX017063.D
 Acq: 30 Jun 2020 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBSD02

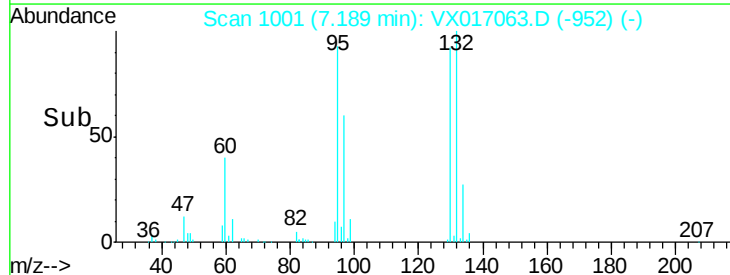
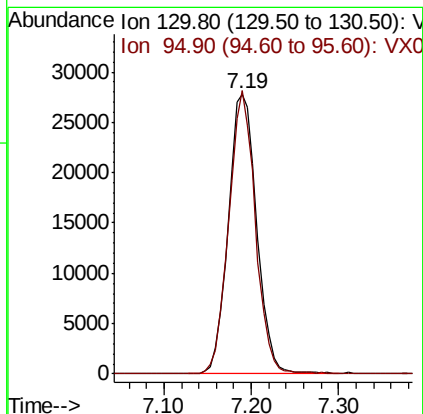
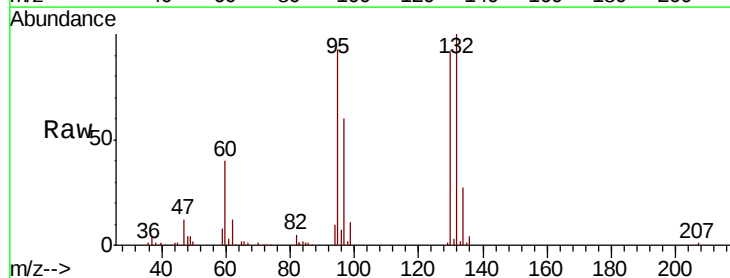
Tot Ion	43	Resp	122535
Ion Ratio	Lower	Upper	
43	100		
61	20.1	16.2	24.2
87	13.5	10.7	16.1

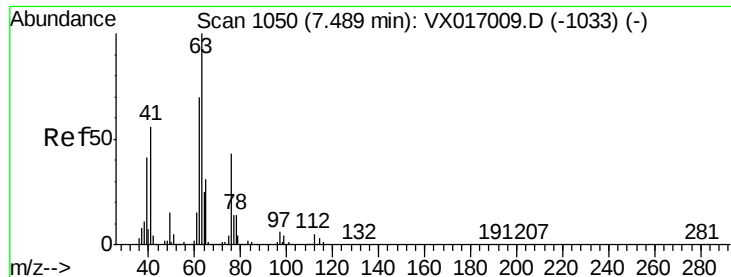


#44

Trichloroethene
 Concen: 19.869 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017063.D
 Acq: 30 Jun 2020 23:13

Tgt Ion	130	Resp	62846
Ion Ratio	Lower	Upper	
130	100		
95	101.2	0.0	185.0





#45

1,2-Dichloropropane

Concen: 19.593 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

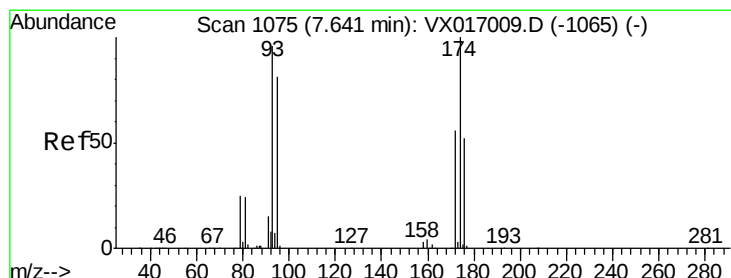
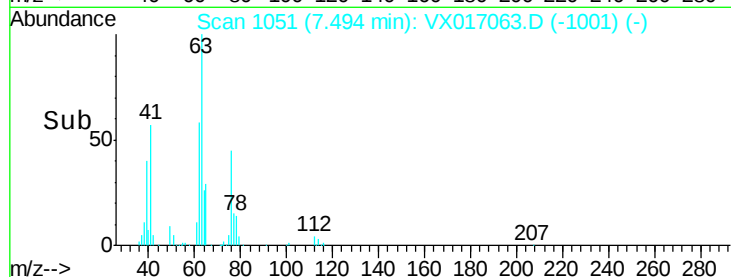
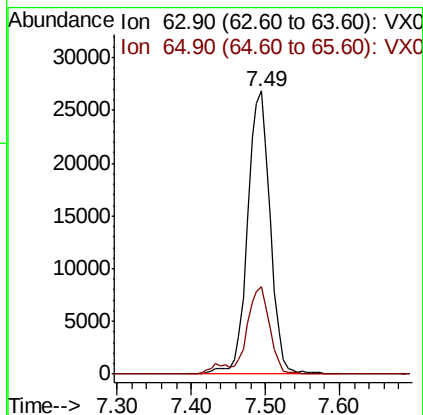
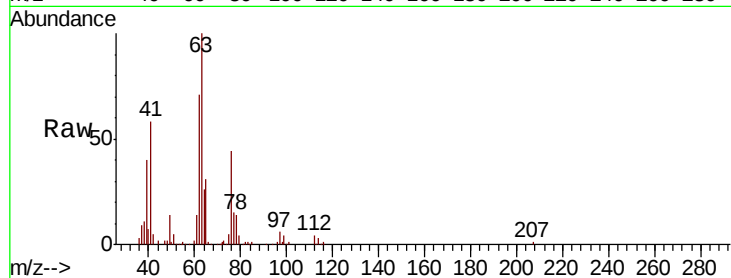
VX0630WBSD02

Tot Ion: 63 Resp: 57147

Ion Ratio Lower Upper

63 100

65 31.1 24.6 36.8



#46

Dibromomethane

Concen: 19.578 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

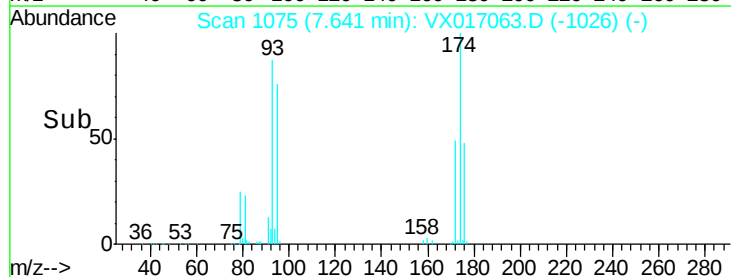
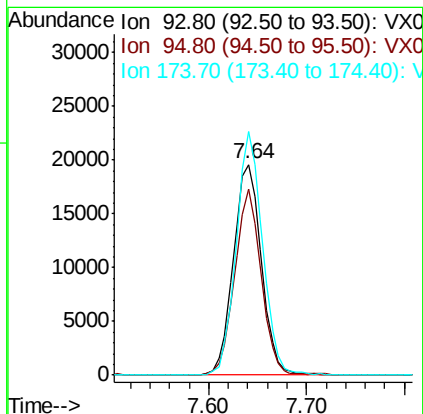
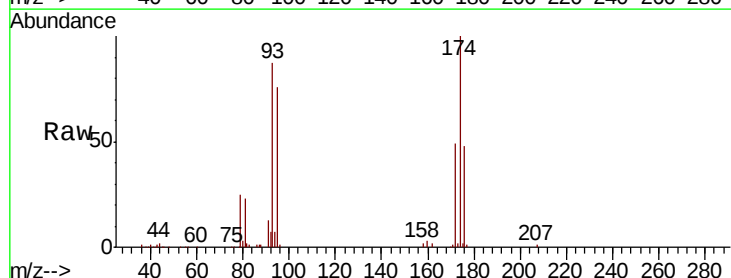
Tgt Ion: 93 Resp: 38986

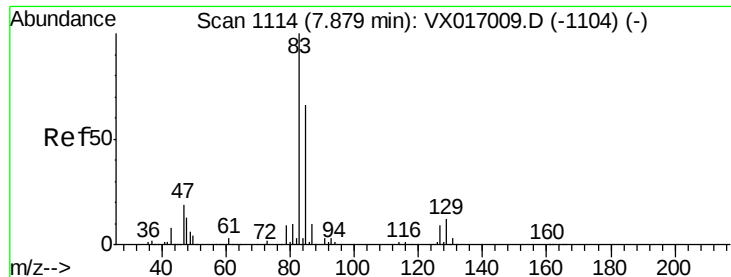
Ion Ratio Lower Upper

93 100

95 83.6 67.4 101.0

174 108.4 84.3 126.5





#47

Bromodichloromethane

Concen: 19.469 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBSD02

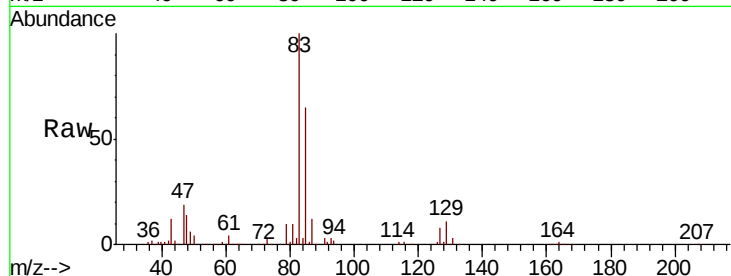
Tot Ion: 83 Resp: 79896

Ion Ratio Lower Upper

83 100

85 64.8 53.0 79.4

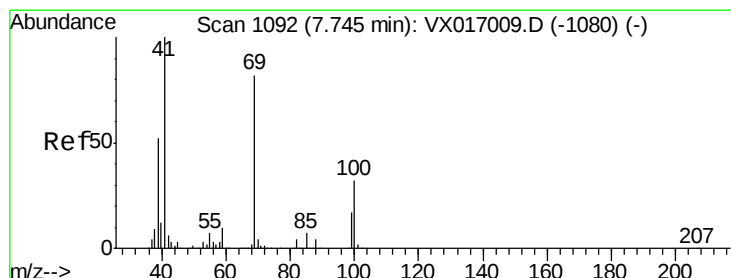
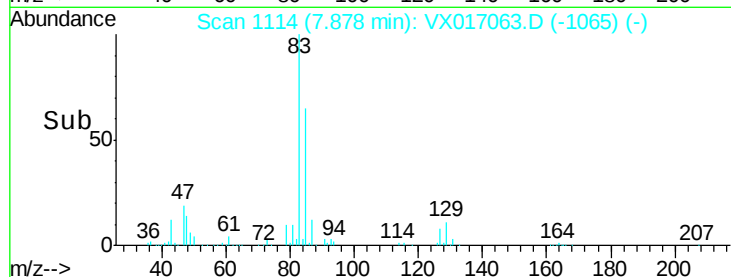
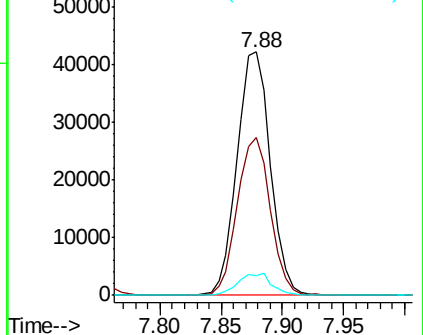
127 8.2 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.632 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

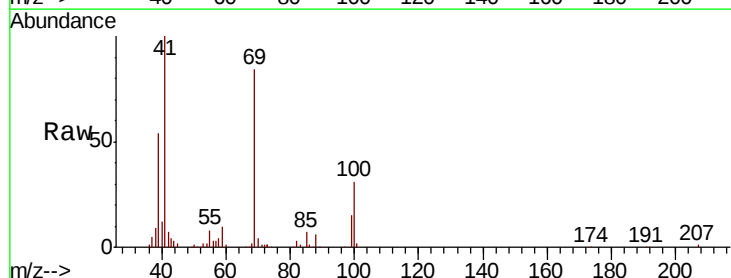
Tgt Ion: 41 Resp: 60779

Ion Ratio Lower Upper

41 100

69 84.3 65.8 98.8

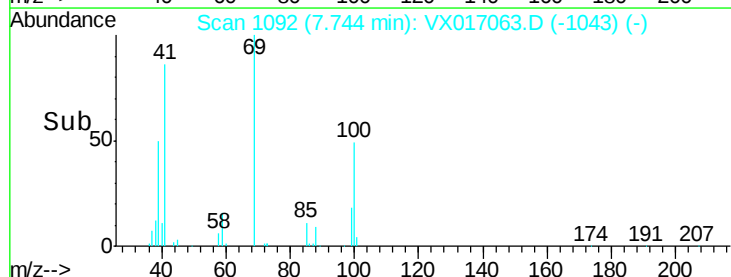
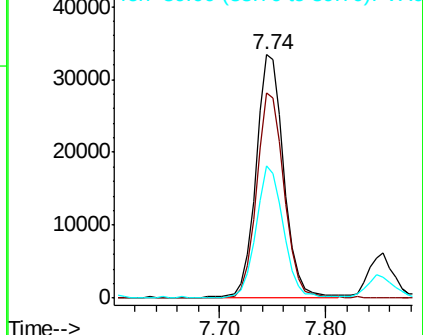
39 54.3 42.5 63.7

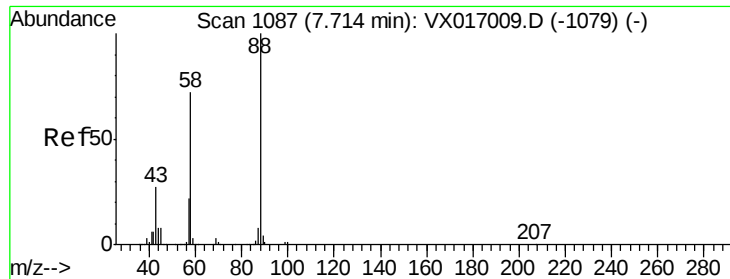


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 379.464 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBSD02

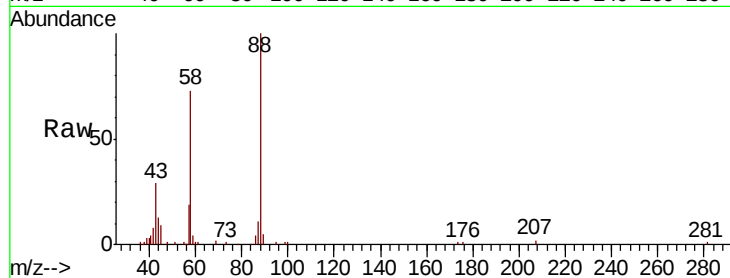
Tot Ion: 88 Resp: 26614

Ion Ratio Lower Upper

88 100

43 31.1 25.8 38.8

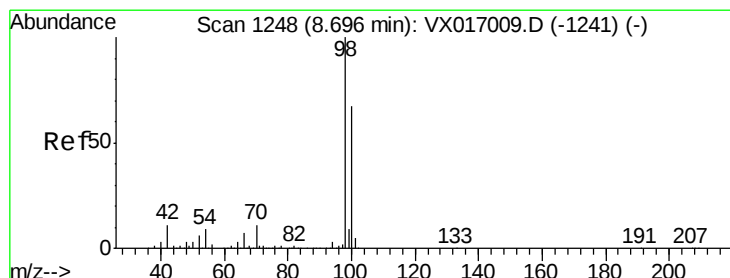
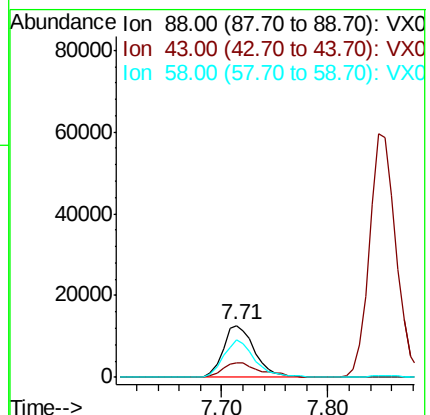
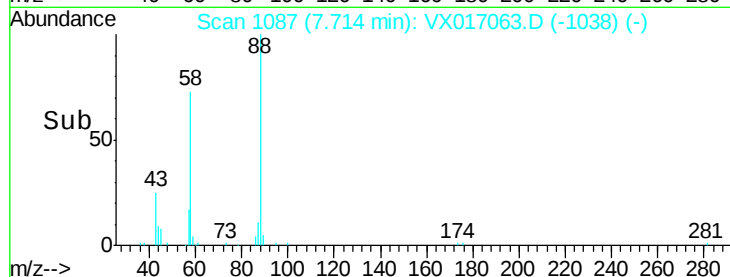
58 71.5 54.8 82.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.695 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017063.D

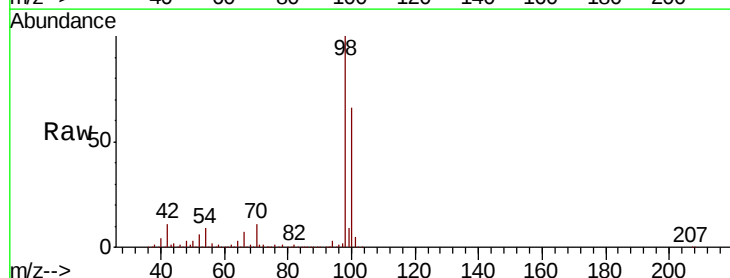
Acq: 30 Jun 2020 23:13

Tgt Ion: 98 Resp: 484929

Ion Ratio Lower Upper

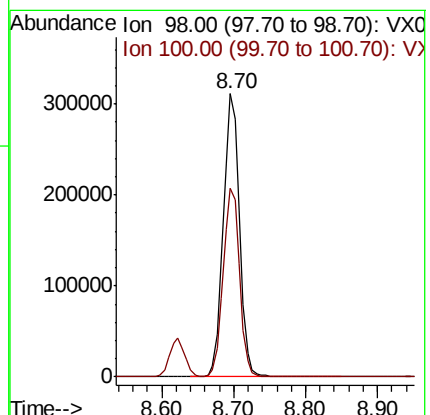
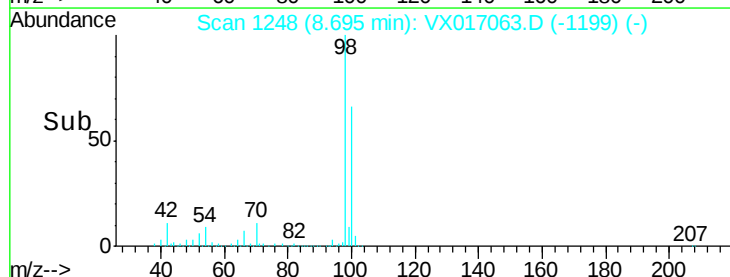
98 100

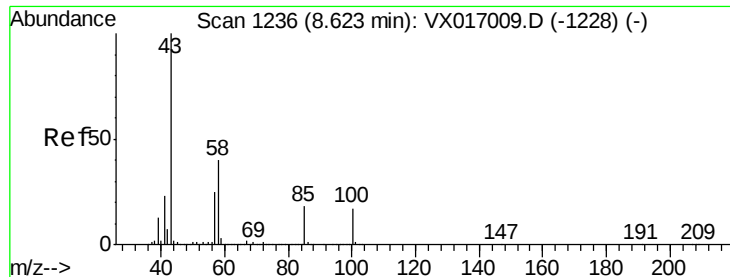
100 67.5 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 100.357 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleID :

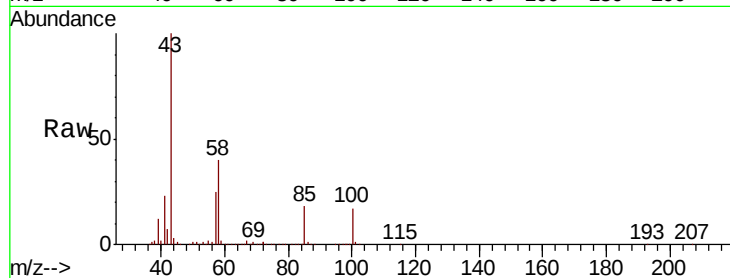
VX0630WBSD02

Tot Ion: 43 Resp: 389820

Ion Ratio Lower Upper

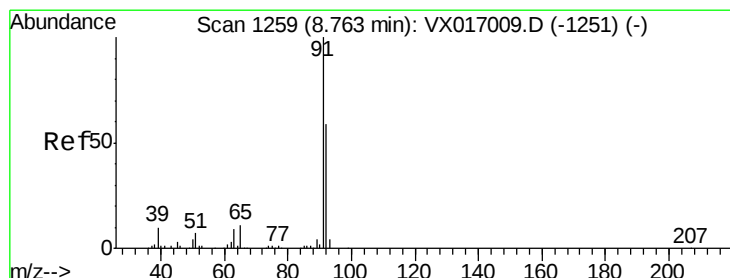
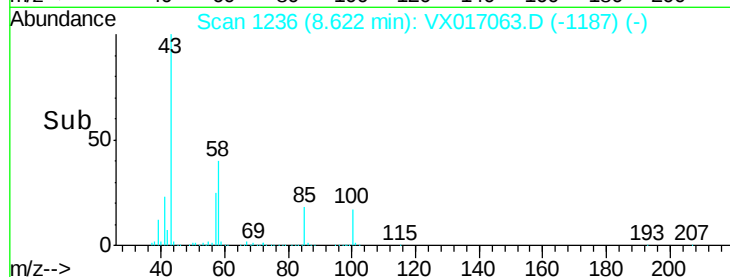
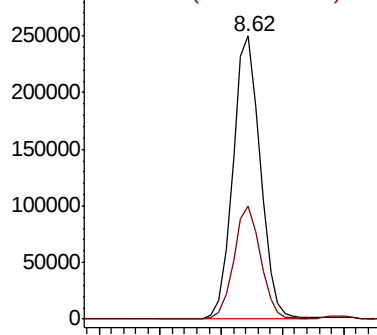
43 100

58 39.1 31.9 47.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.368 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017063.D

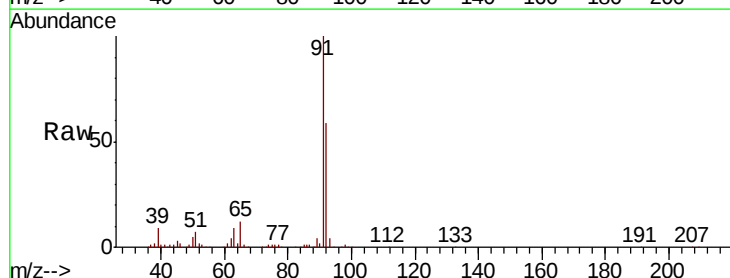
Acq: 30 Jun 2020 23:13

Tgt Ion: 92 Resp: 137320

Ion Ratio Lower Upper

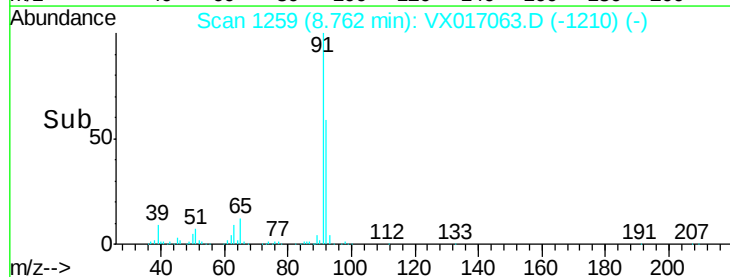
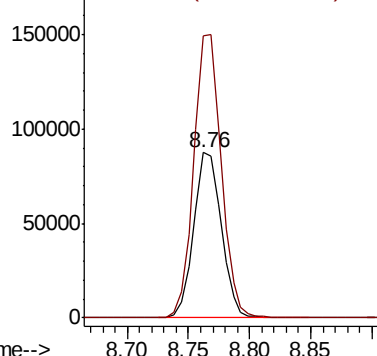
92 100

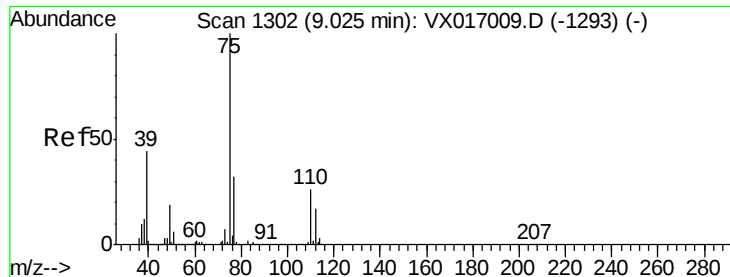
91 170.3 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 18.479 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

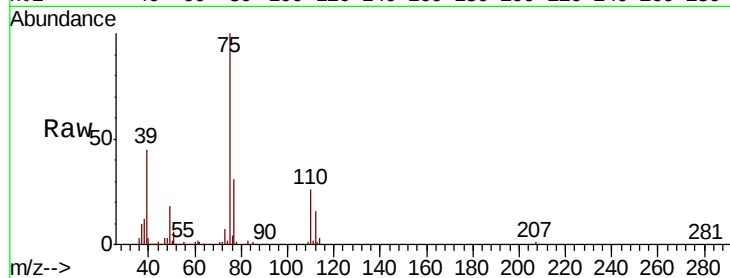
VX0630WBSD02

Tot Ion: 75 Resp: 83666

Ion Ratio Lower Upper

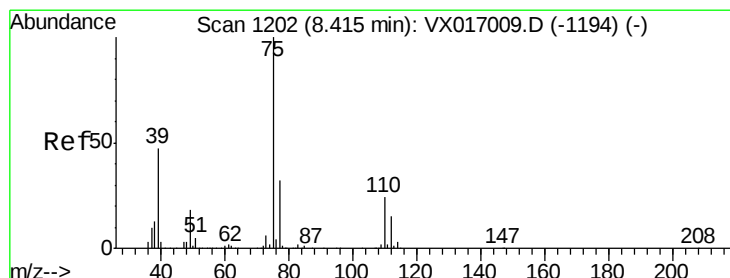
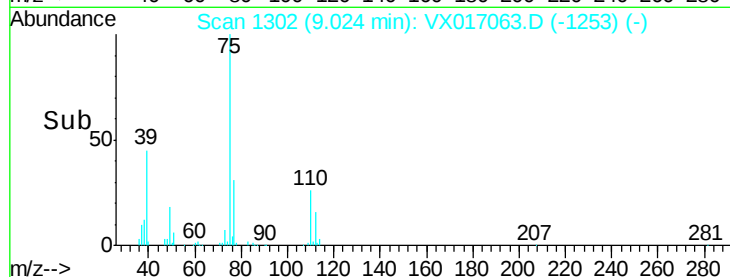
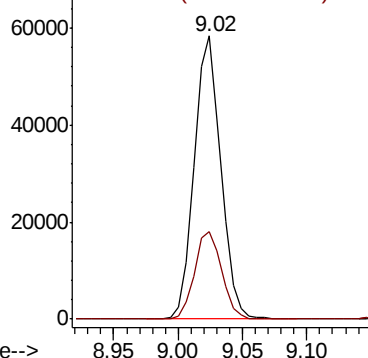
75 100

77 30.8 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.585 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

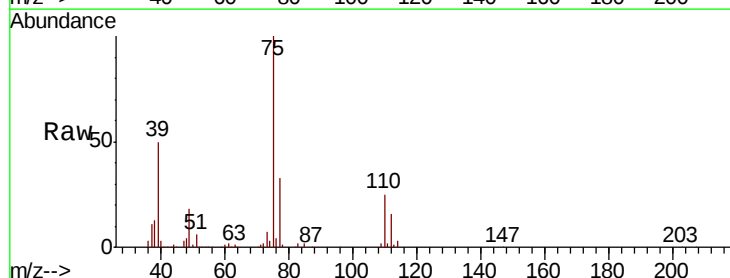
Tgt Ion: 75 Resp: 90207

Ion Ratio Lower Upper

75 100

77 33.0 25.2 37.8

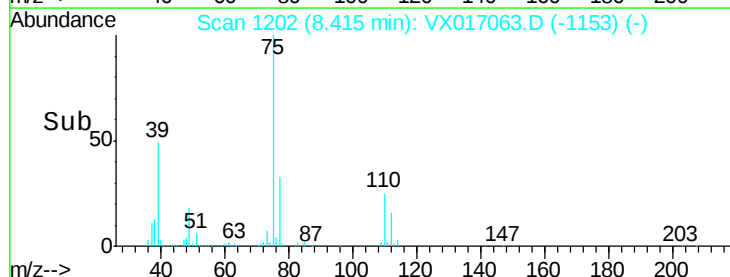
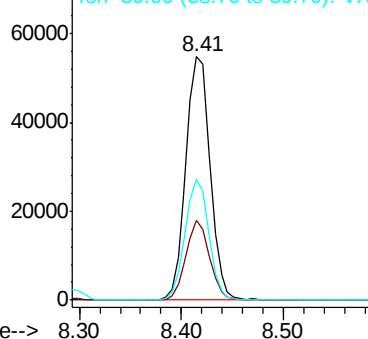
39 49.4 37.4 56.2

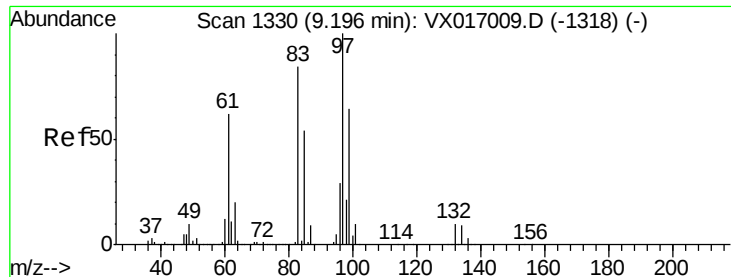


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

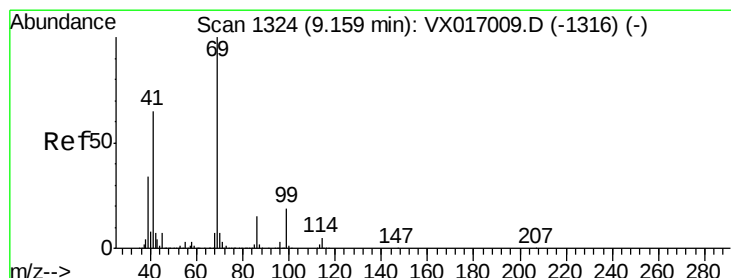
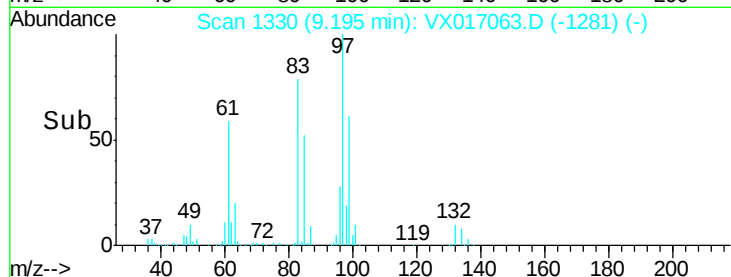
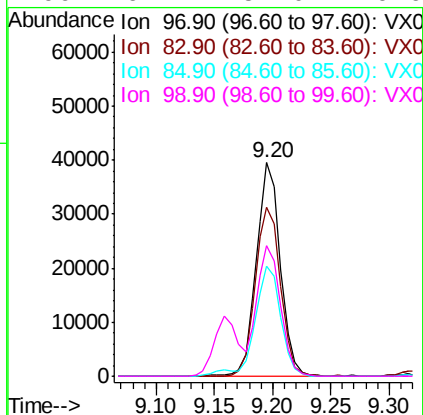
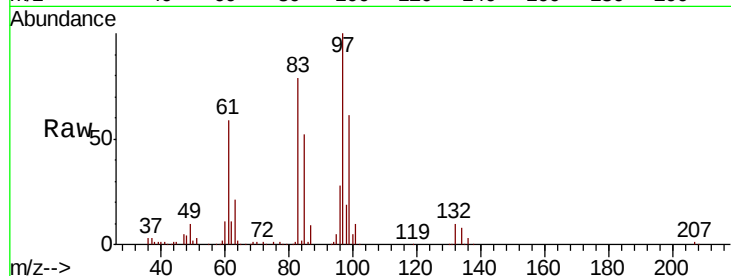




#55
 1,1,2-Trichloroethane
 Concen: 19.653 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017063.D
 Acq: 30 Jun 2020 23:13

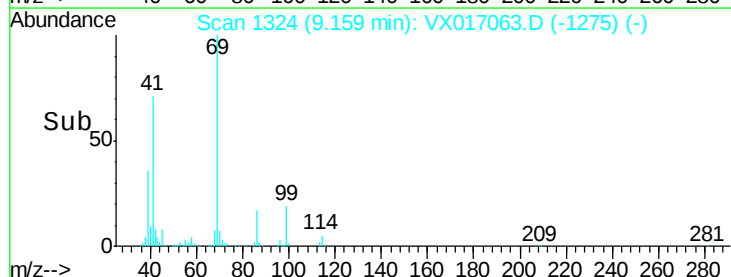
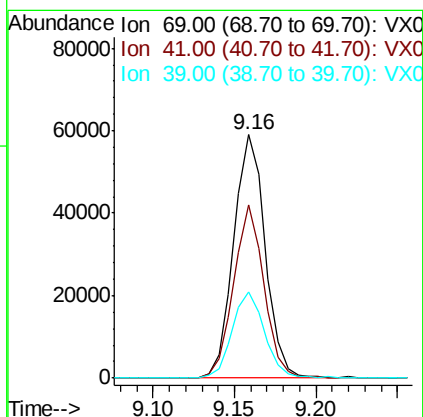
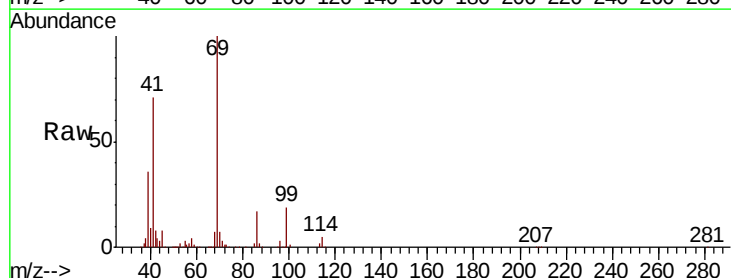
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBSD02

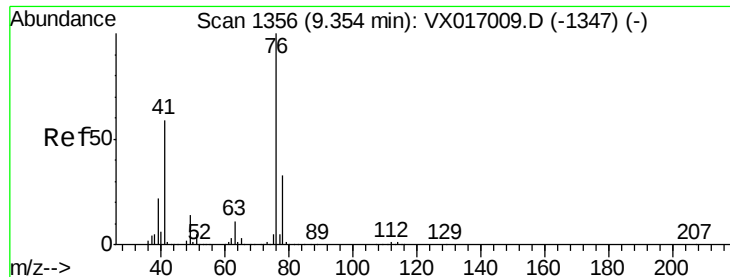
Tot Ion:	97	Resp:	56931
Ion	Ratio	Lower	Upper
97	100		
83	78.9	67.0	100.6
85	51.7	43.5	65.3
99	61.4	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 19.305 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017063.D
 Acq: 30 Jun 2020 23:13

Tgt Ion:	69	Resp:	79595
Ion	Ratio	Lower	Upper
69	100		
41	68.1	53.6	80.4
39	35.8	28.2	42.2





#57

1,3-Dichloropropane

Concen: 19.264 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

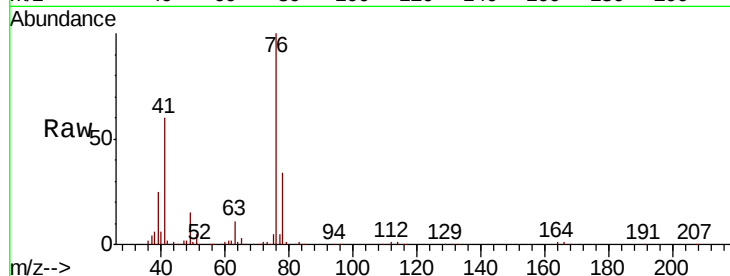
VX0630WBSD02

Tot Ion: 76 Resp: 94426

Ion Ratio Lower Upper

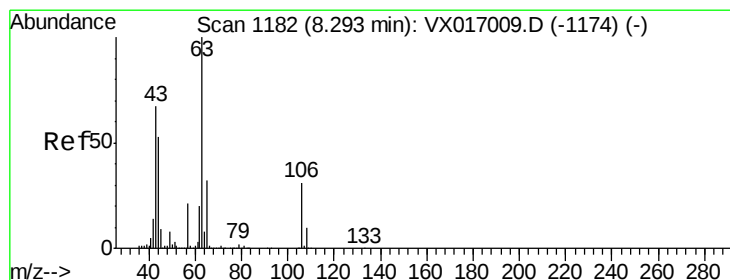
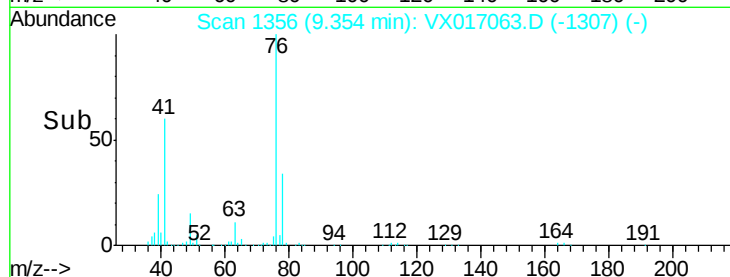
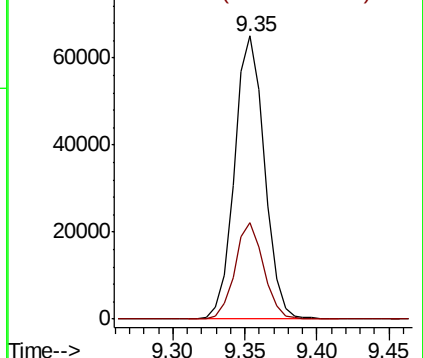
76 100

78 32.8 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 100.857 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017063.D

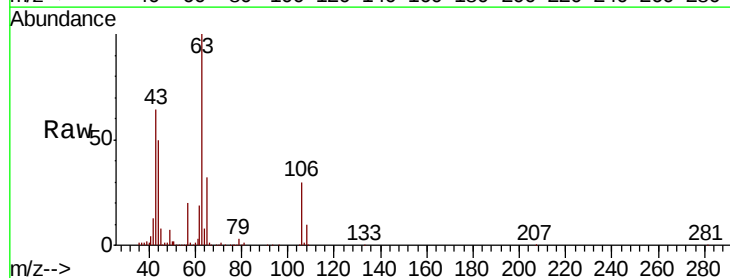
Acq: 30 Jun 2020 23:13

Tgt Ion: 63 Resp: 206958

Ion Ratio Lower Upper

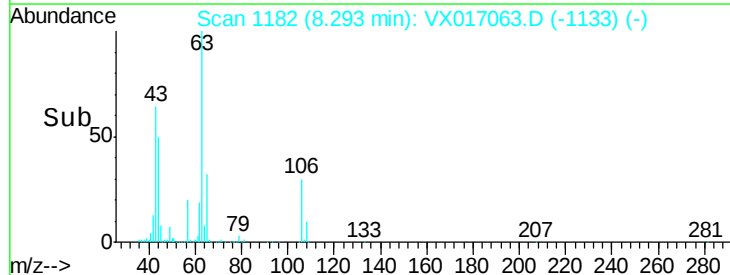
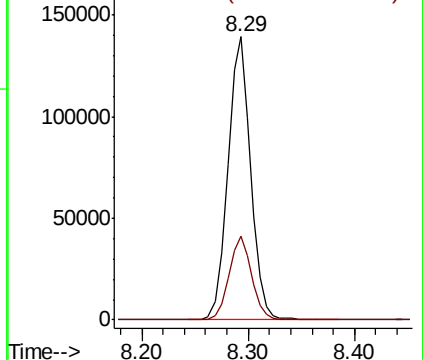
63 100

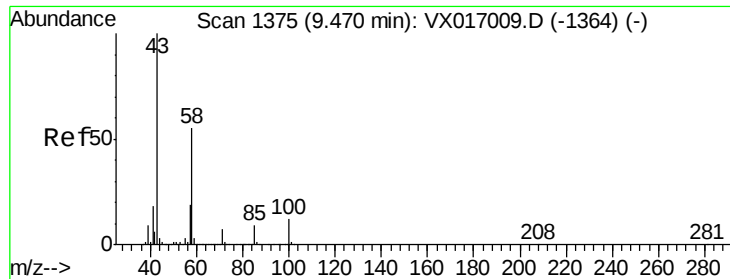
106 29.5 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

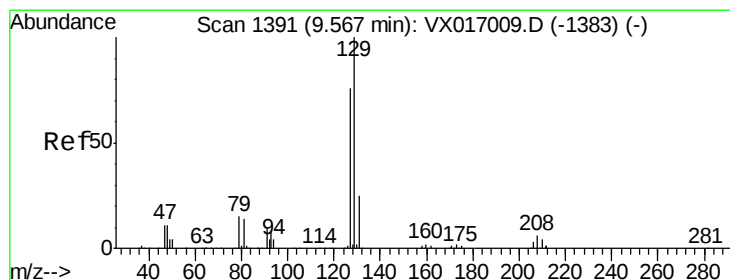
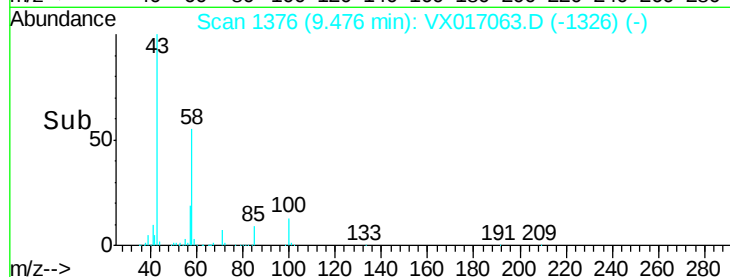
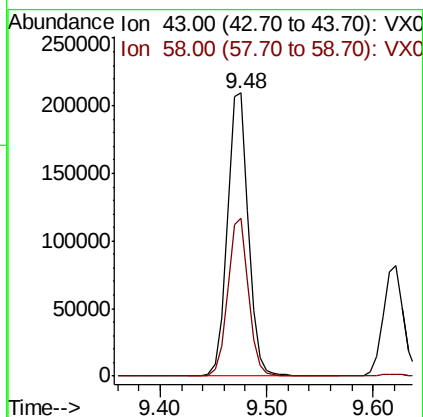
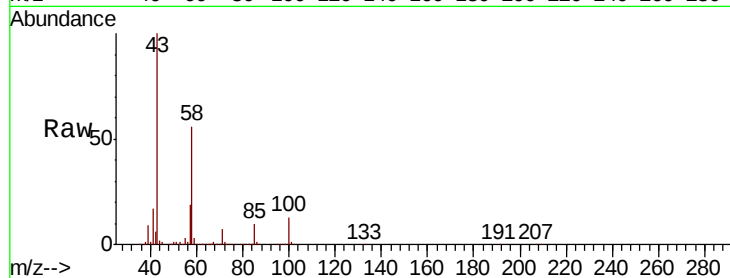




#59
2-Hexanone
Concen: 101.921 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

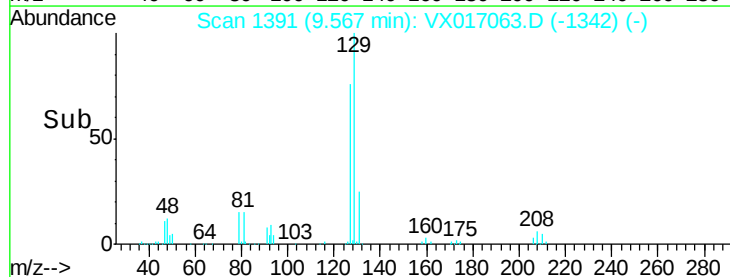
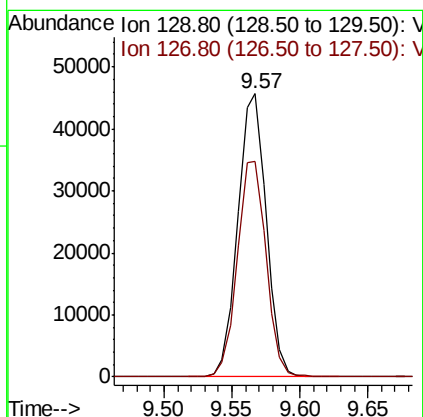
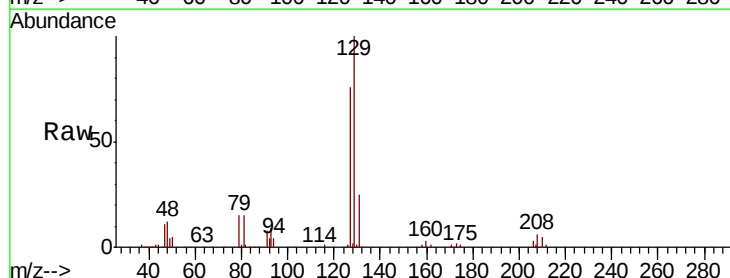
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD02

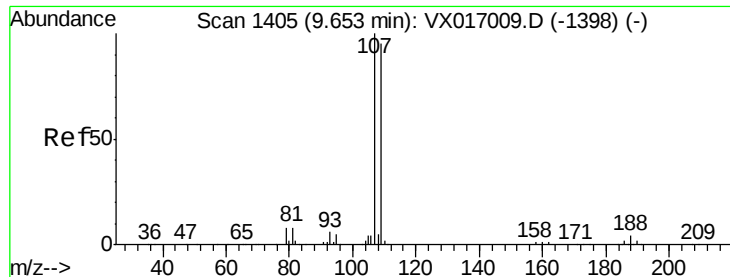
Tot Ion: 43 Resp: 289137
Ion Ratio Lower Upper
43 100
58 54.9 27.9 83.6



#60
Dibromochloromethane
Concen: 19.772 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Tgt Ion: 129 Resp: 66524
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.7





#61

1,2-Dibromoethane

Concen: 19.561 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

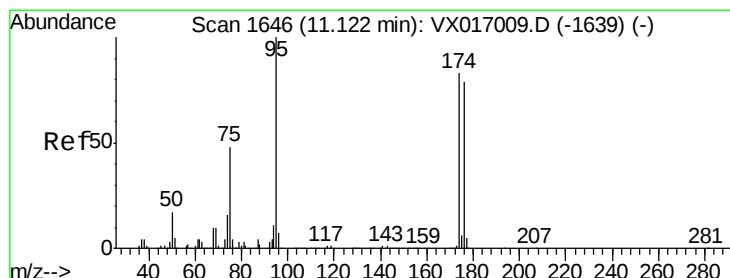
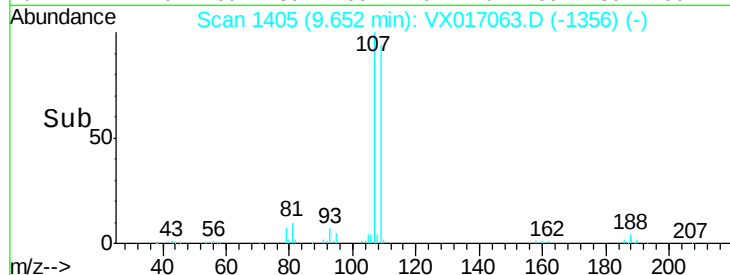
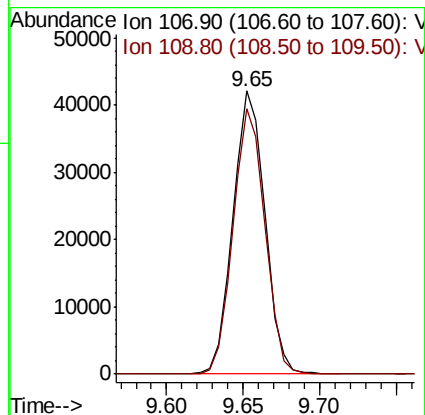
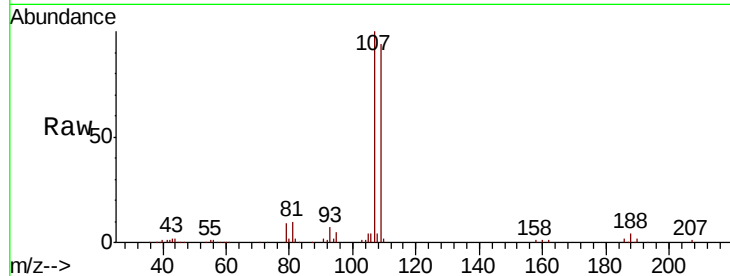
VX0630WBSD02

Tot Ion:107 Resp: 60907

Ion Ratio Lower Upper

107 100

109 93.3 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 50.446 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

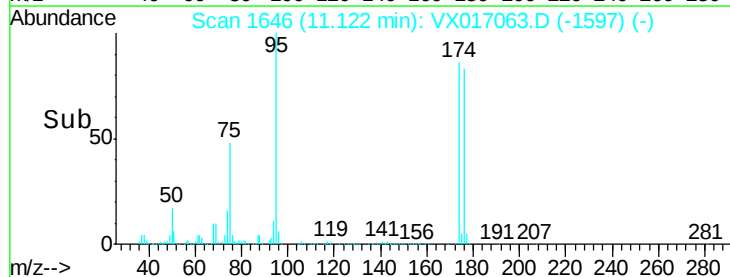
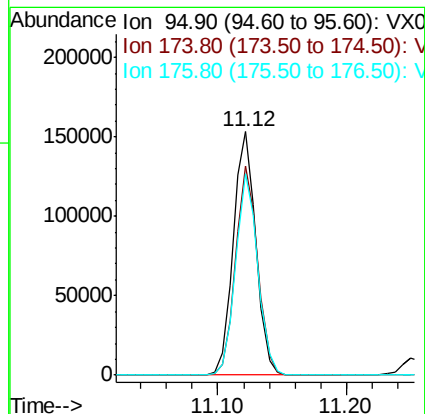
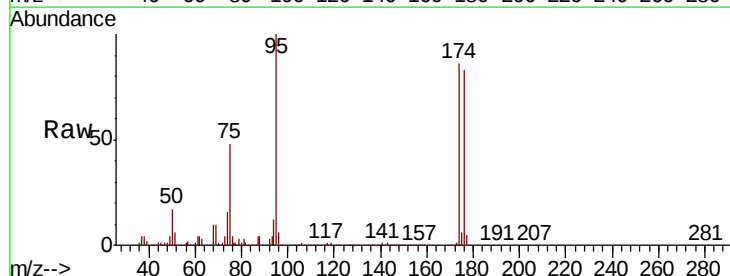
Tgt Ion: 95 Resp: 188631

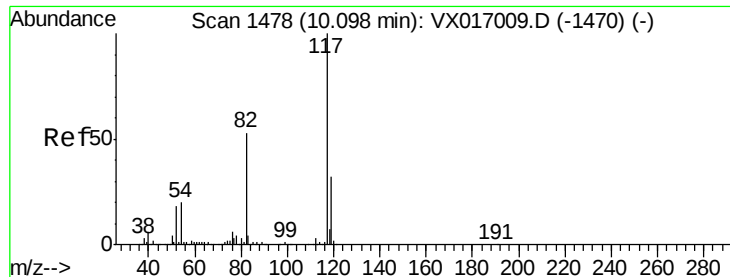
Ion Ratio Lower Upper

95 100

174 84.0 0.0 164.0

176 81.1 0.0 157.6

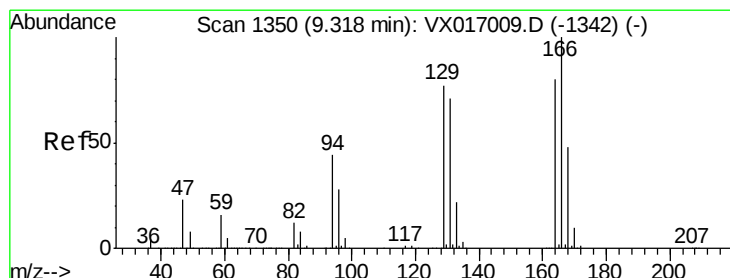
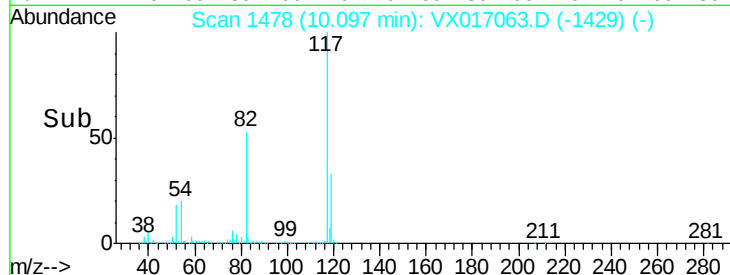
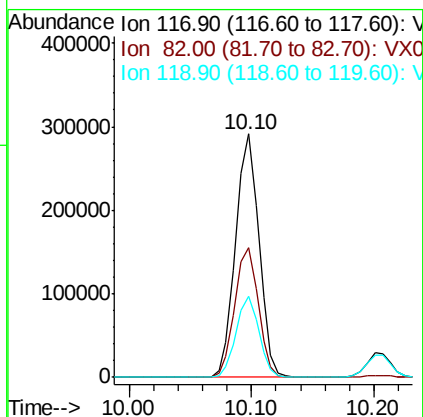
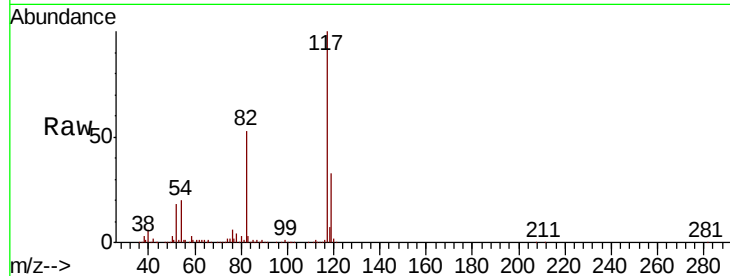




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

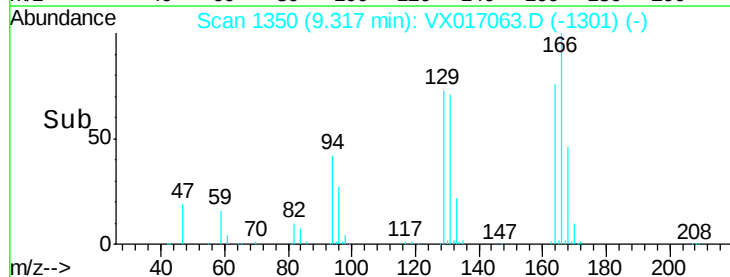
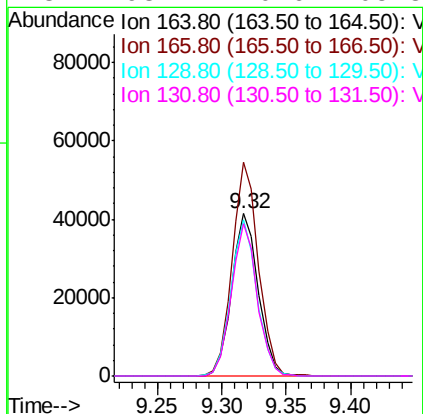
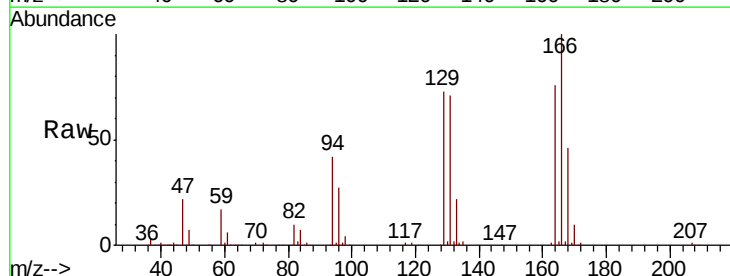
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD02

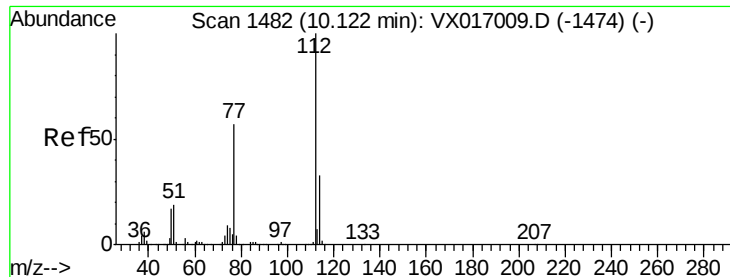
Tot Ion:117 Resp: 385307
Ion Ratio Lower Upper
117 100
82 53.1 42.6 63.8
119 33.1 25.4 38.2



#64
Tetrachloroethene
Concen: 19.208 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Tgt Ion:164 Resp: 59730
Ion Ratio Lower Upper
164 100
166 131.4 99.4 149.0
129 96.3 76.3 114.5
131 93.4 70.6 105.8





#65

Chlorobenzene

Concen: 19.042 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

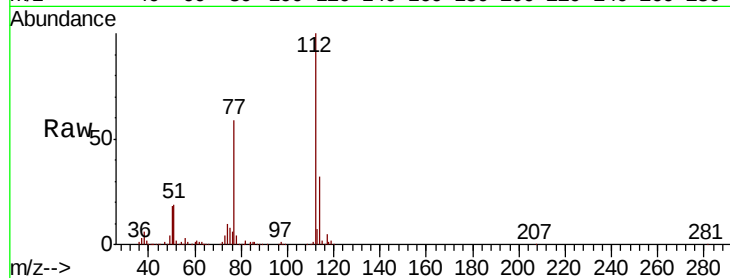
VX0630WBSD02

Tot Ion:112 Resp: 151434

Ion Ratio Lower Upper

112 100

114 31.7 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

120000

100000

80000

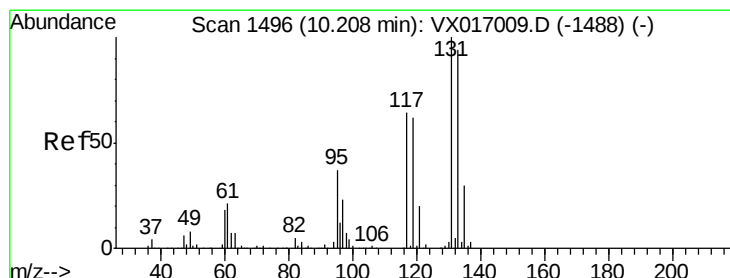
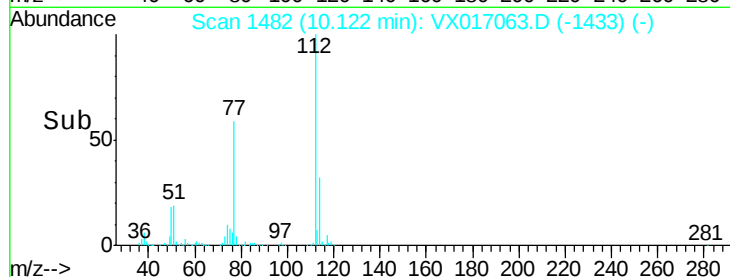
60000

40000

20000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.550 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

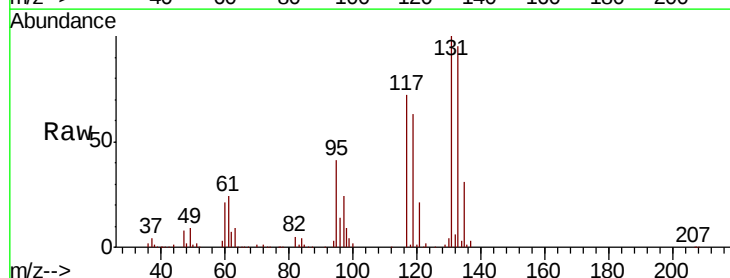
Tgt Ion:131 Resp: 59916

Ion Ratio Lower Upper

131 100

133 96.5 47.3 141.9

119 63.5 31.9 95.5



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

10.20

50000

40000

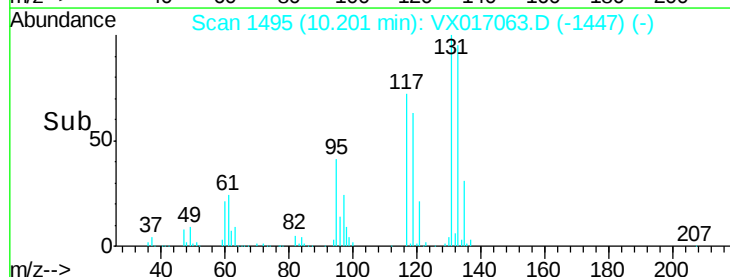
30000

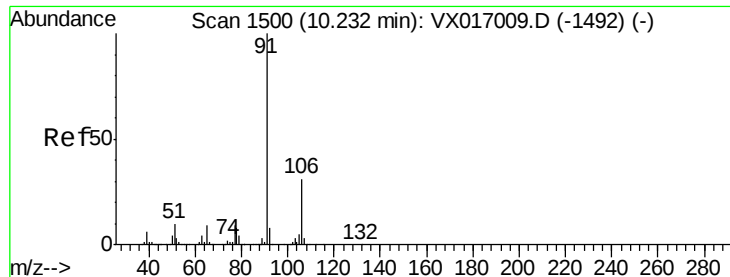
20000

10000

0

Time-->





#67

Ethyl Benzene

Concen: 19.280 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

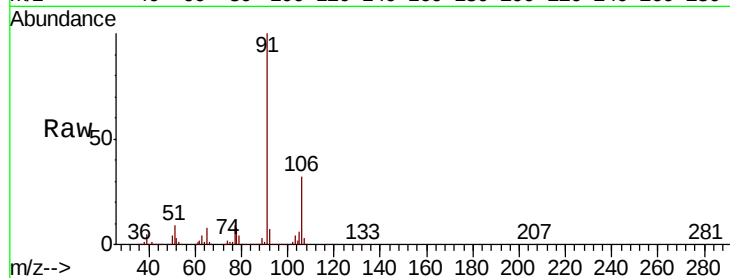
VX0630WBSD02

Tot Ion: 91 Resp: 256056

Ion Ratio Lower Upper

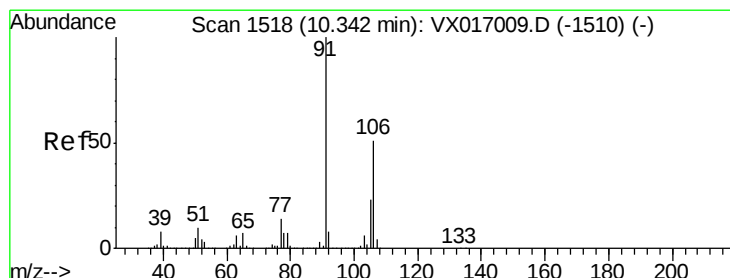
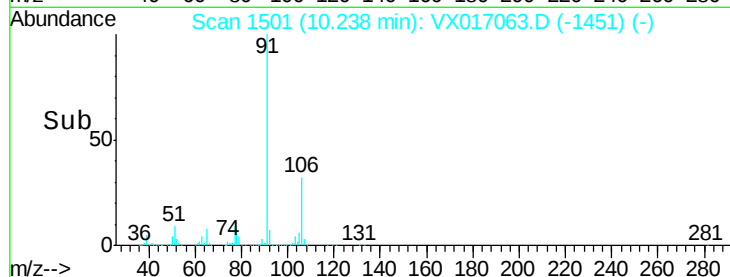
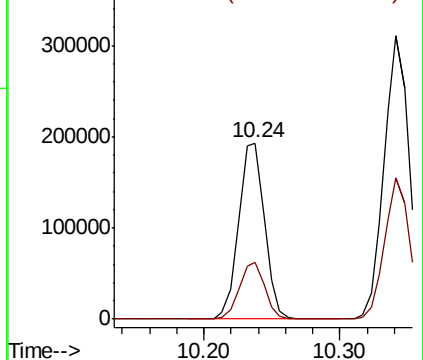
91 100

106 31.9 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.037 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017063.D

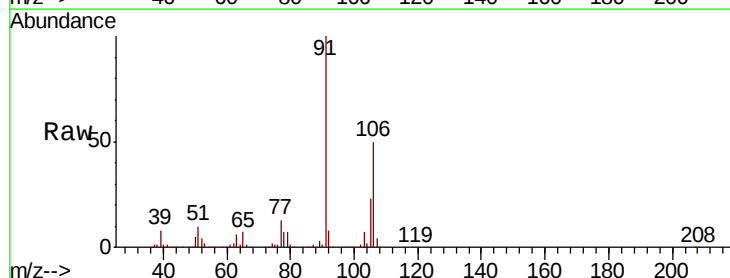
Acq: 30 Jun 2020 23:13

Tgt Ion: 106 Resp: 199067

Ion Ratio Lower Upper

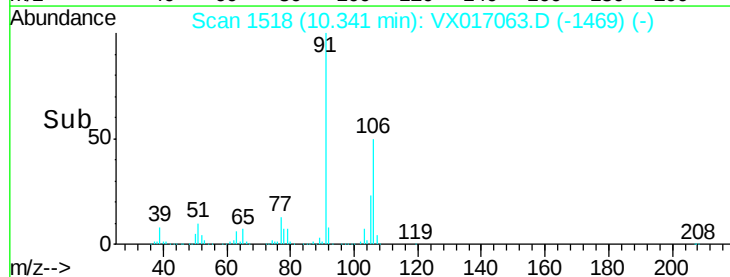
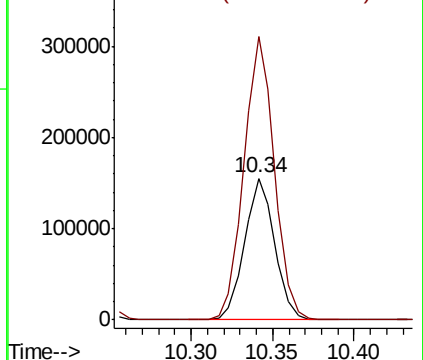
106 100

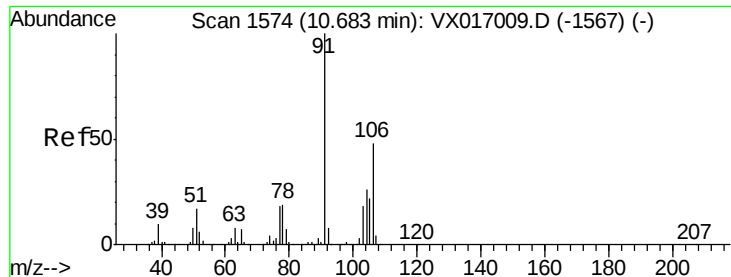
91 202.8 158.6 238.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

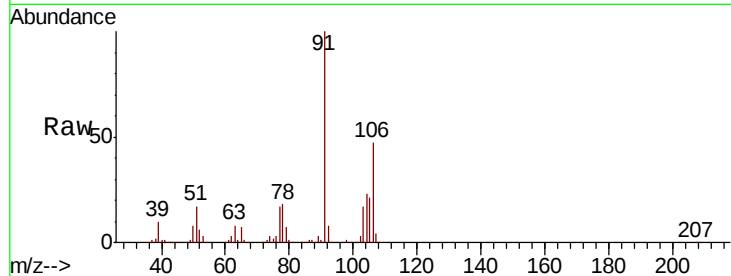




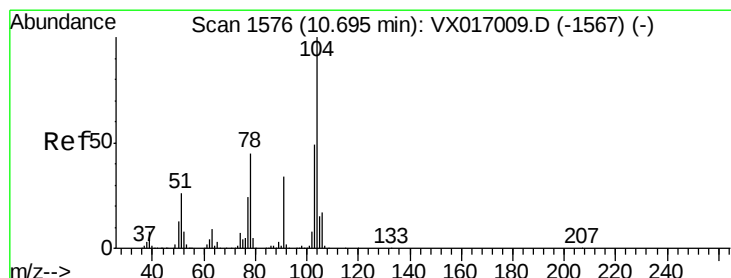
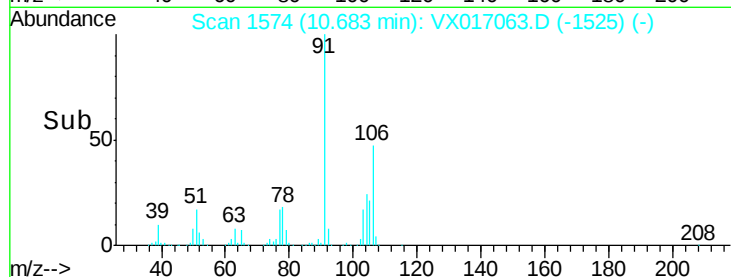
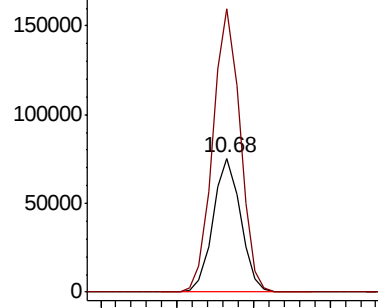
#69
o-Xylene
Concen: 19.502 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD02

Tot Ion:106 Resp: 94604
Ion Ratio Lower Upper
106 100
91 209.8 105.6 316.7

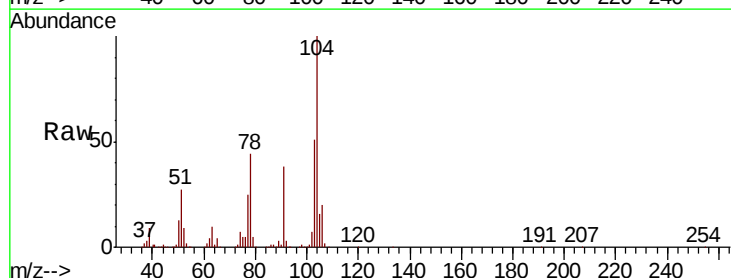


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

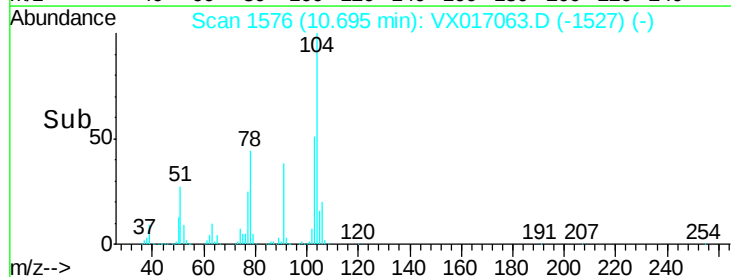
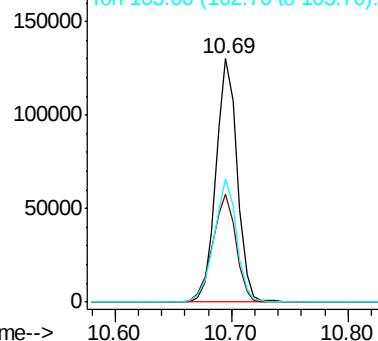


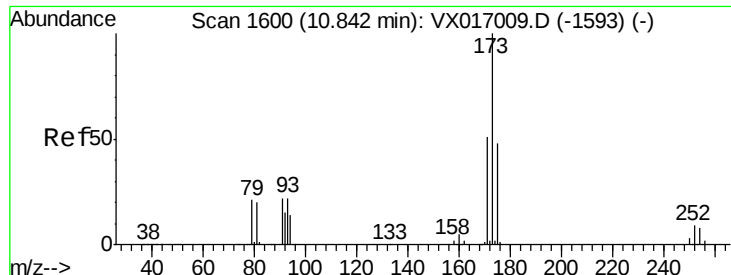
#70
Styrene
Concen: 20.123 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Tgt Ion:104 Resp: 166229
Ion Ratio Lower Upper
104 100
78 49.0 39.5 59.3
103 53.7 43.0 64.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.987 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBSD02

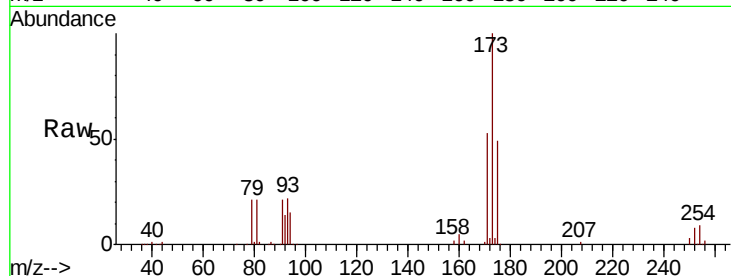
Tot Ion:173 Resp: 48575

Ion Ratio Lower Upper

173 100

175 49.1 24.5 73.5

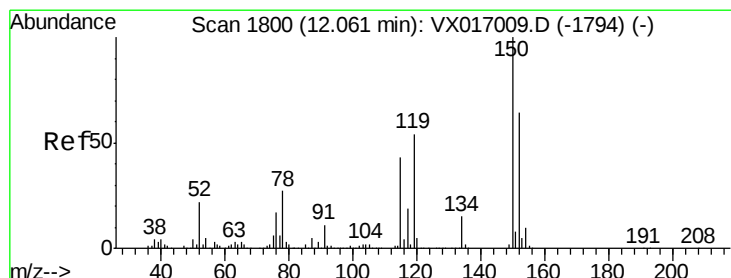
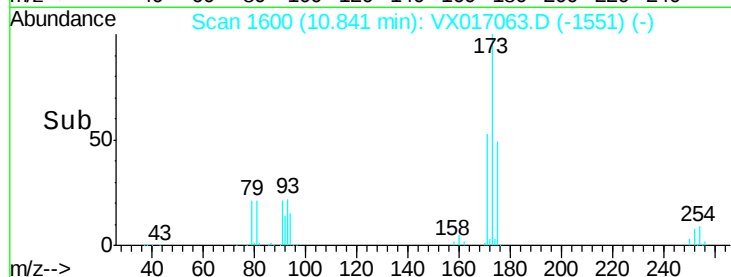
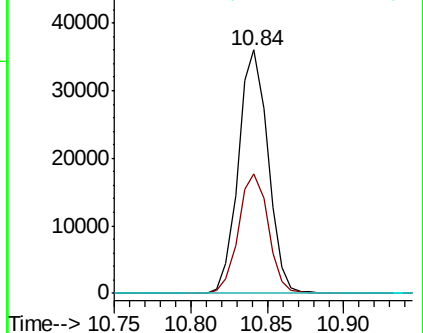
254 0.1 0.1 0.1



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: VX017063.D

Acq: 30 Jun 2020 23:13

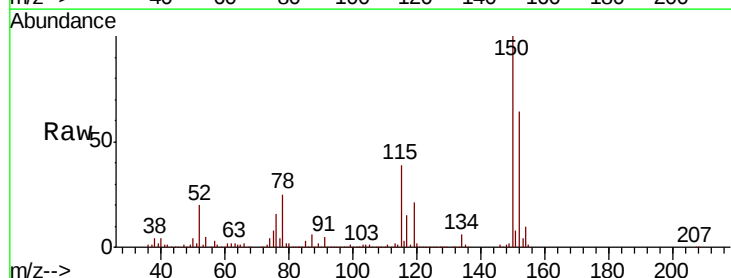
Tgt Ion:152 Resp: 201906

Ion Ratio Lower Upper

152 100

115 66.5 40.9 122.7

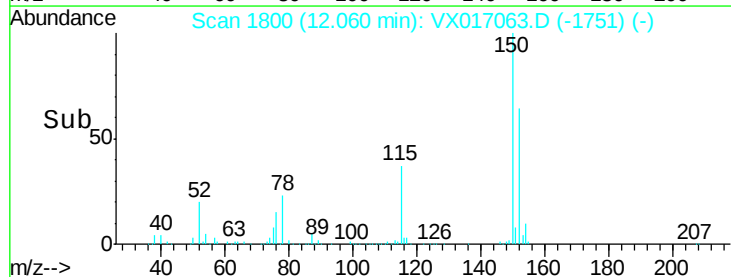
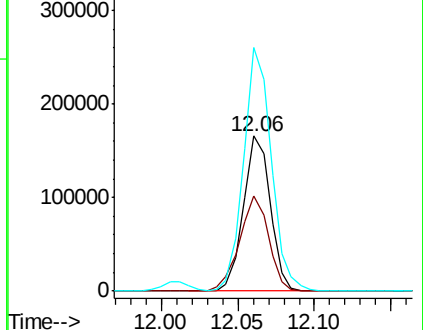
150 162.3 0.0 351.6

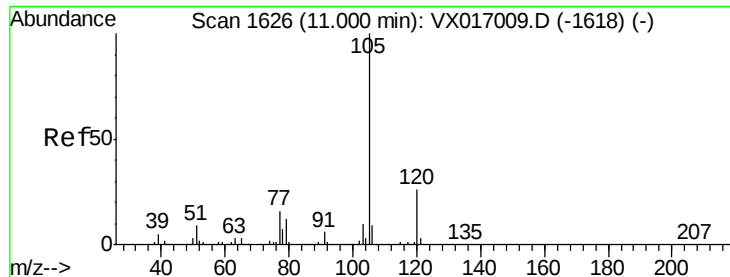


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.355 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

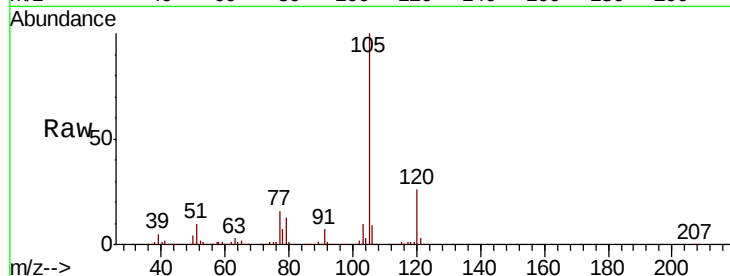
VX0630WBSD02

Tot Ion:105 Resp: 255974

Ion Ratio Lower Upper

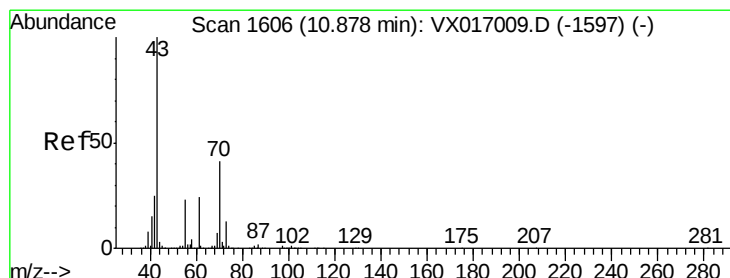
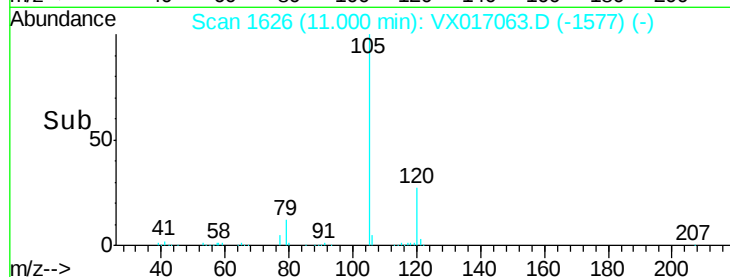
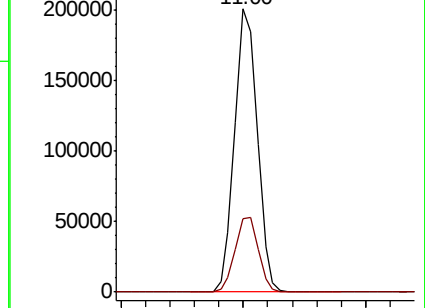
105 100

120 27.1 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.925 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Tgt Ion: 43 Resp: 106792

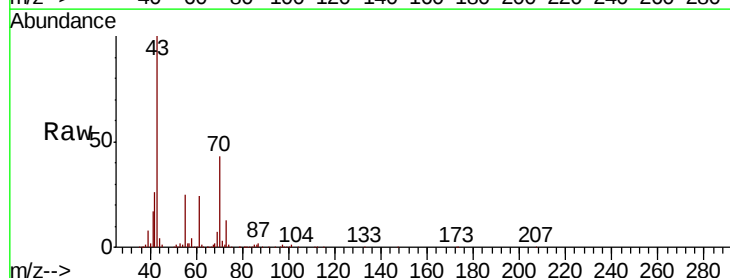
Ion Ratio Lower Upper

43 100

70 42.5 34.2 51.2

55 25.3 19.2 28.8

61 23.8 19.6 29.4

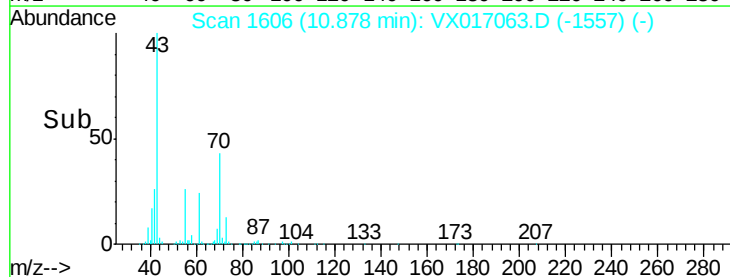
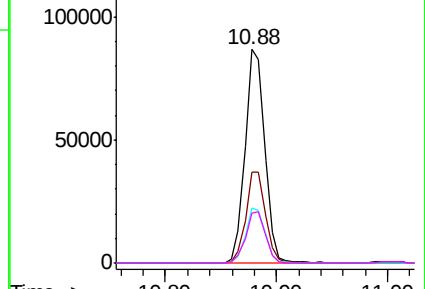


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.289 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBSD02

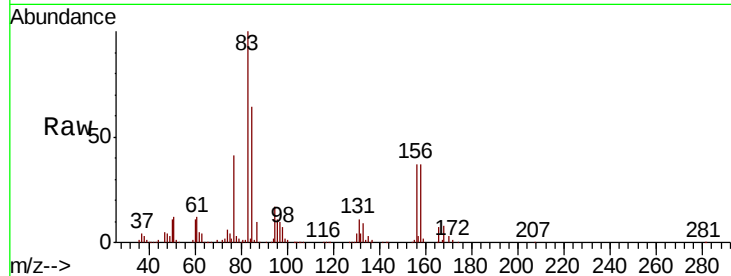
Tot Ion: 83 Resp: 80242

Ion Ratio Lower Upper

83 100

131 11.3 5.4 16.2

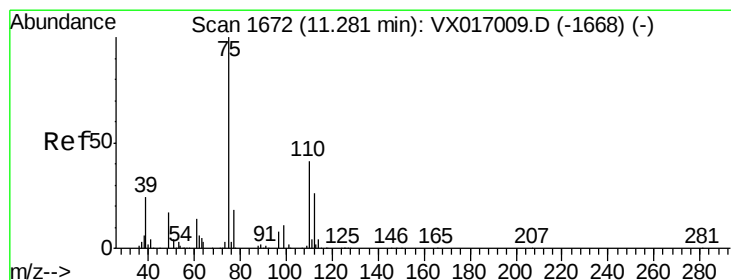
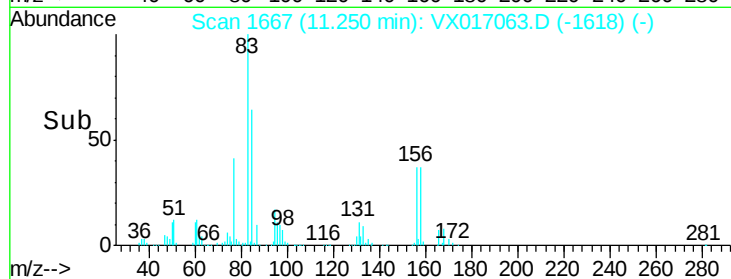
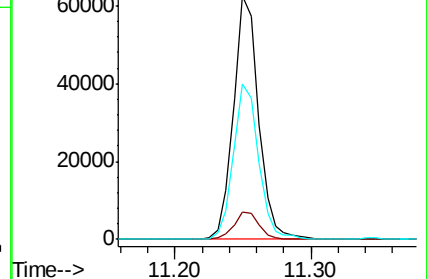
85 64.6 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.494 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017063.D

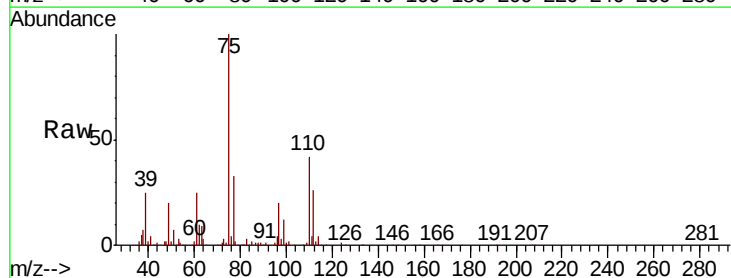
Acq: 30 Jun 2020 23:13

Tgt Ion: 75 Resp: 97251

Ion Ratio Lower Upper

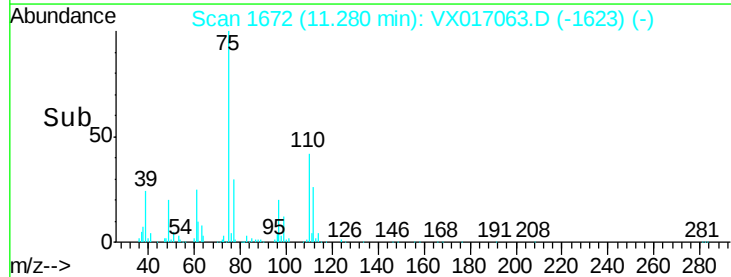
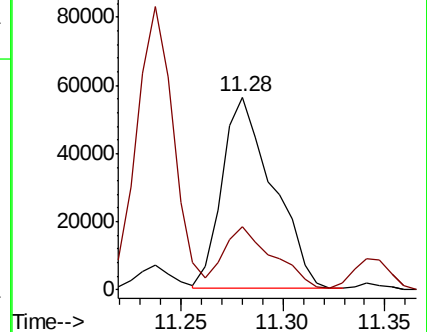
75 100

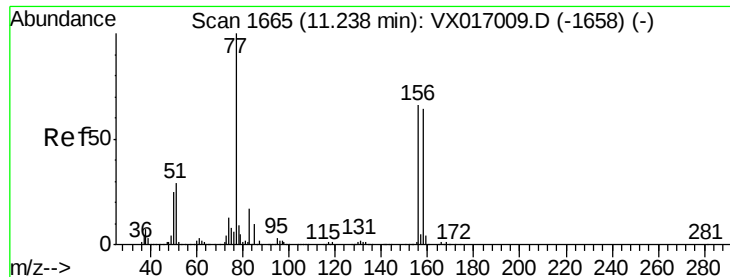
77 32.4 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.270 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBSD02

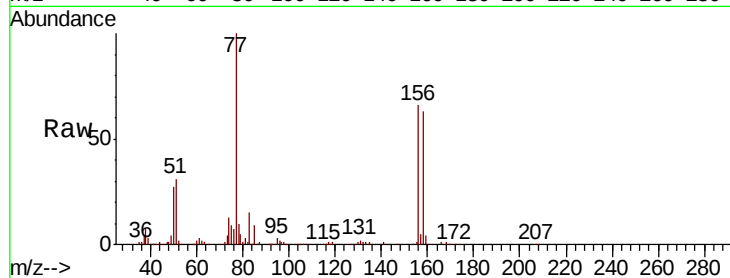
Tot Ion:156 Resp: 70043

Ion Ratio Lower Upper

156 100

77 149.7 76.9 230.7

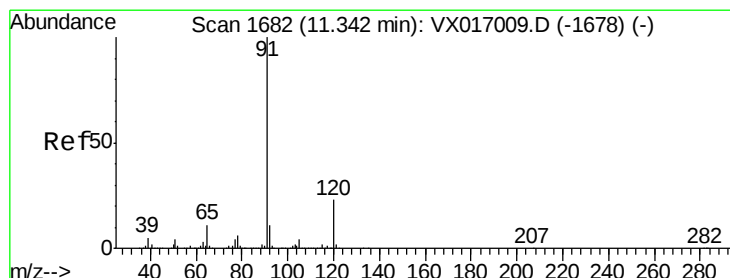
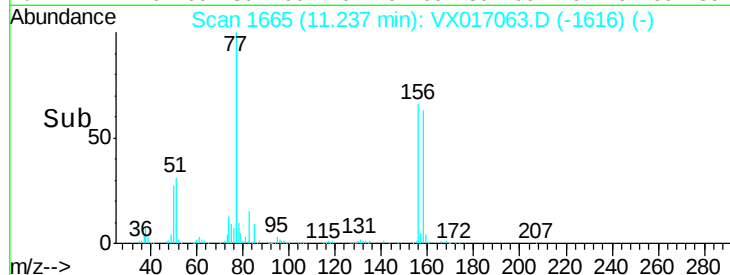
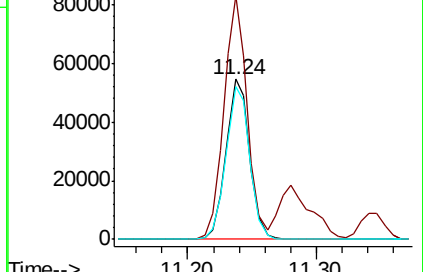
158 96.1 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.104 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017063.D

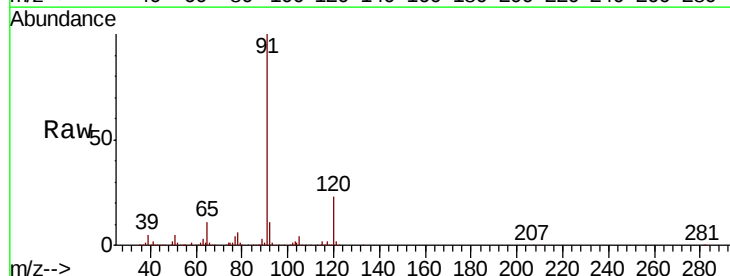
Acq: 30 Jun 2020 23:13

Tgt Ion: 91 Resp: 285705

Ion Ratio Lower Upper

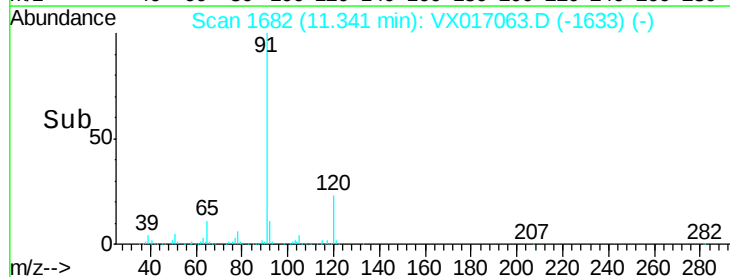
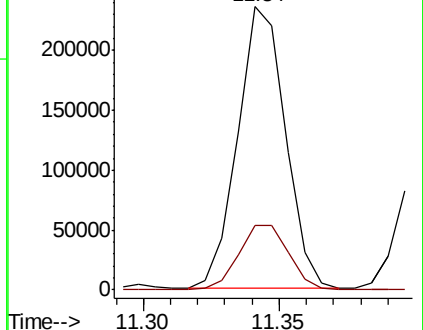
91 100

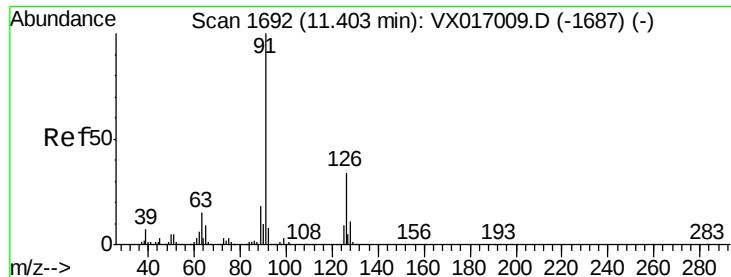
120 24.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

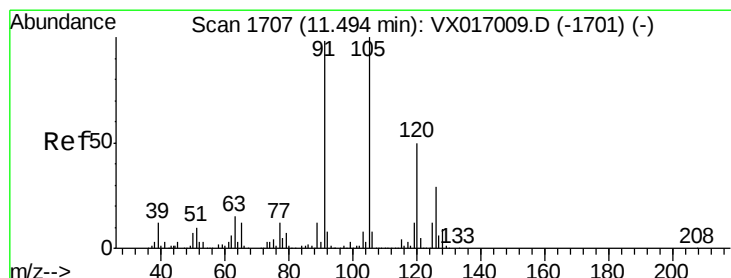
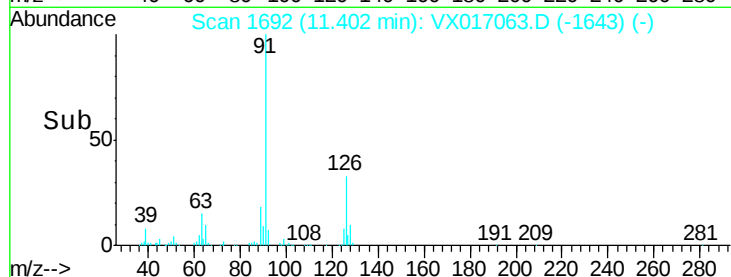
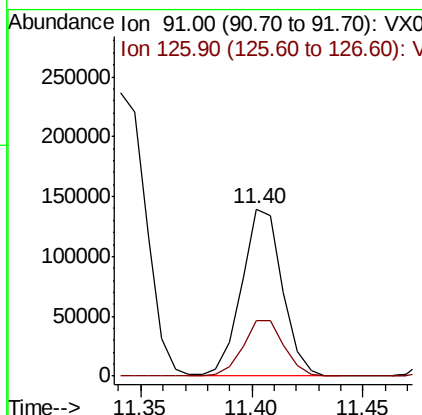
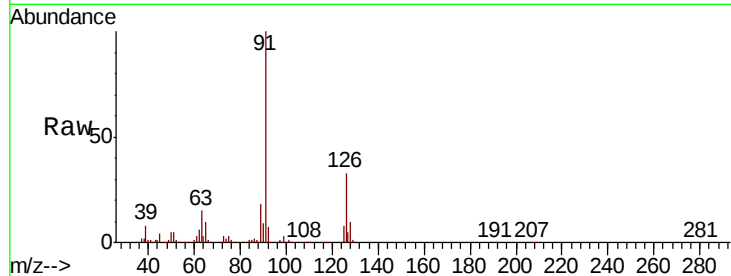




#79
 2-Chlorotoluene
 Concen: 19.531 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017063.D
 Acq: 30 Jun 2020 23:13

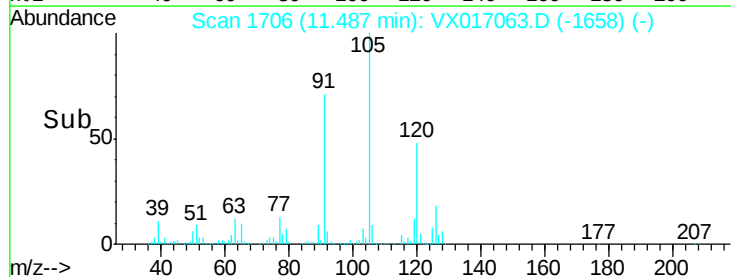
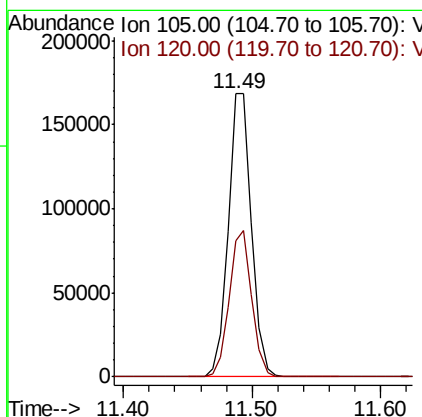
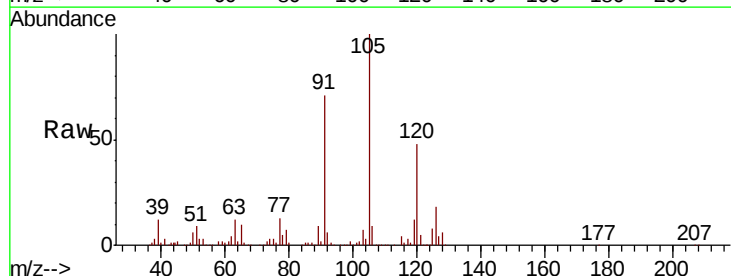
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBSD02

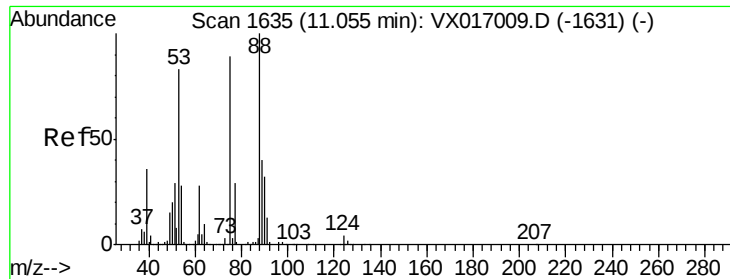
Tot Ion: 91 Resp: 176779
 Ion Ratio Lower Upper
 91 100
 126 34.0 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 19.410 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017063.D
 Acq: 30 Jun 2020 23:13

Tgt Ion: 105 Resp: 212930
 Ion Ratio Lower Upper
 105 100
 120 50.3 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.643 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBSD02

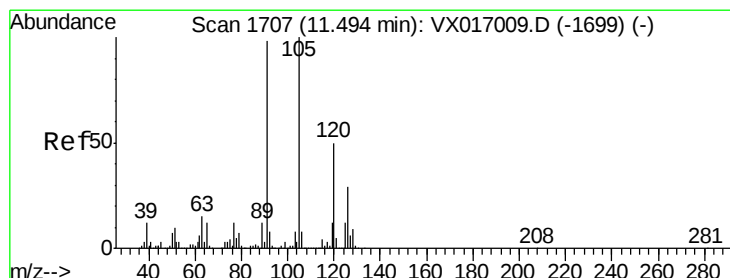
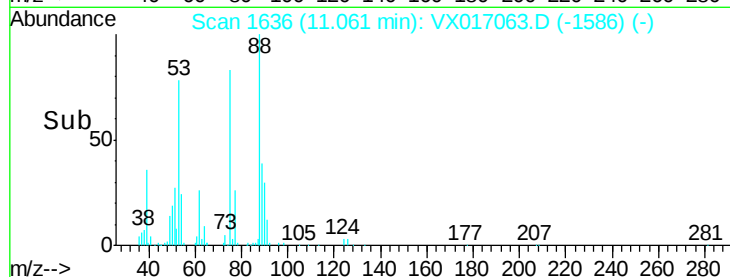
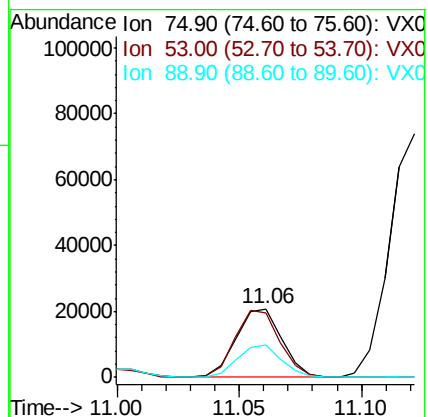
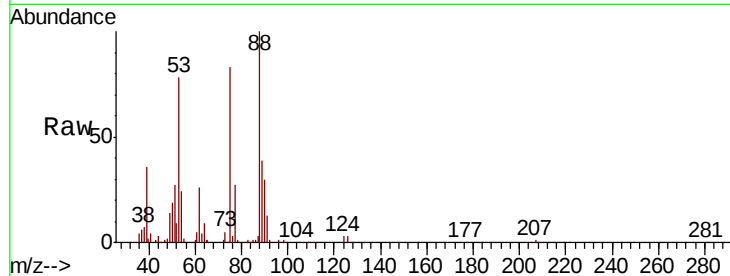
Tot Ion: 75 Resp: 27049

Ion Ratio Lower Upper

75 100

53 96.9 72.4 108.6

89 46.1 37.0 55.4



#82

4-Chlorotoluene

Concen: 19.437 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017063.D

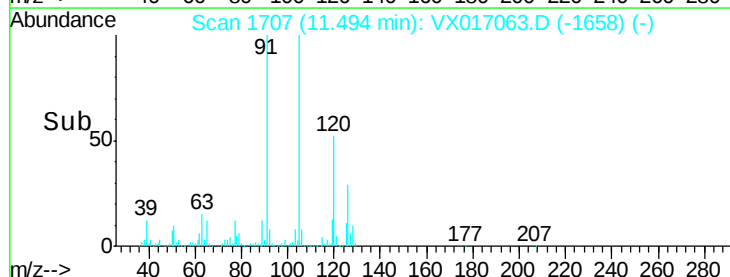
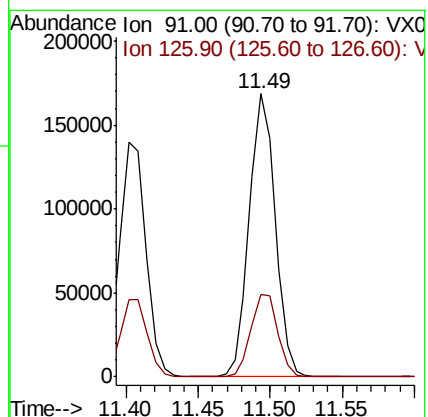
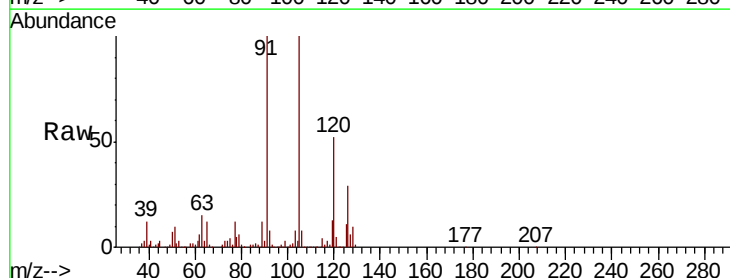
Acq: 30 Jun 2020 23:13

Tgt Ion: 91 Resp: 210312

Ion Ratio Lower Upper

91 100

126 30.3 15.2 45.5

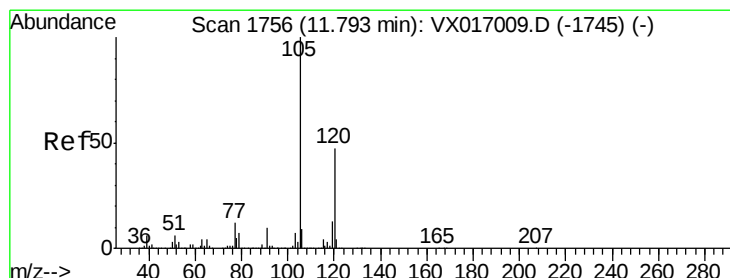
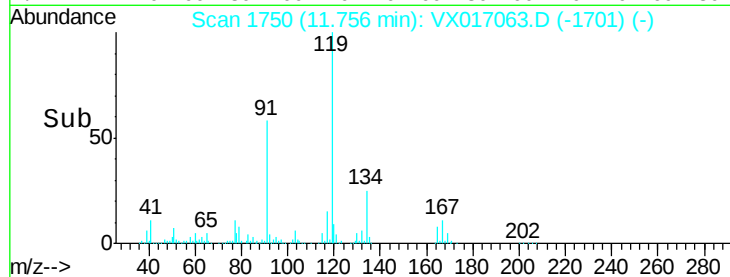
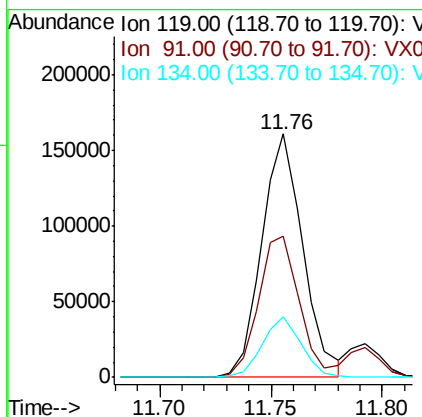
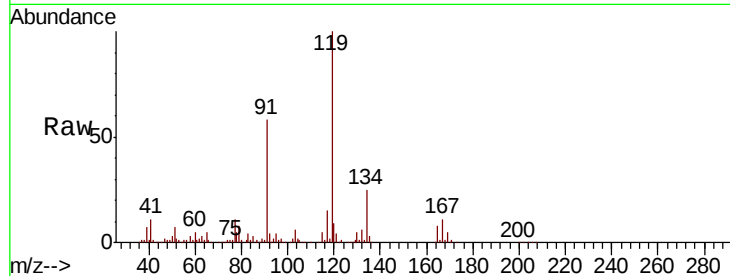




#83
 tert-Butylbenzene
 Concen: 19.175 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017063.D
 Acq: 30 Jun 2020 23:13

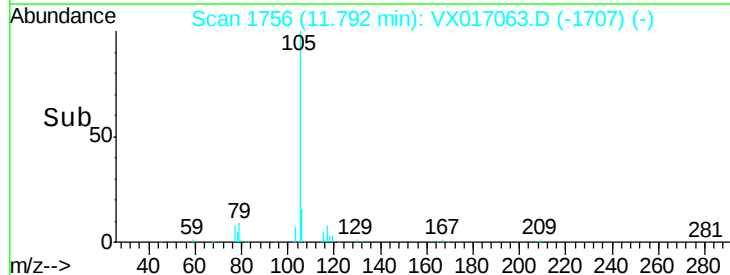
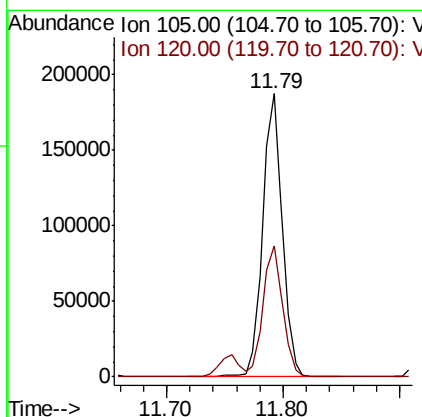
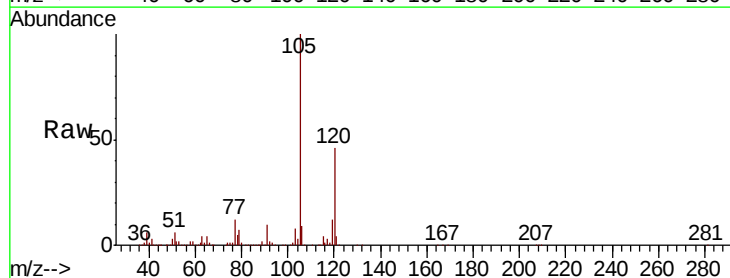
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0630WBSD02

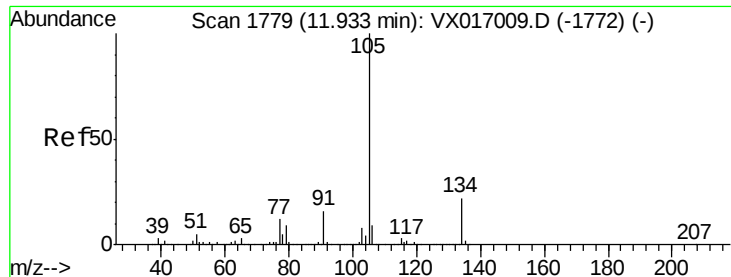
Tot Ion	Ratio	Lower	Upper
119	100		
91	57.0	28.3	84.9
134	23.5	11.7	35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.699 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017063.D
 Acq: 30 Jun 2020 23:13

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	22.9	68.5





#85

sec-Butylbenzene

Concen: 18.854 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

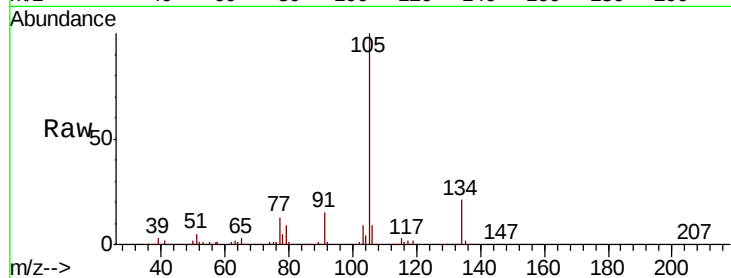
VX0630WBSD02

Tot Ion:105 Resp: 238660

Ion Ratio Lower Upper

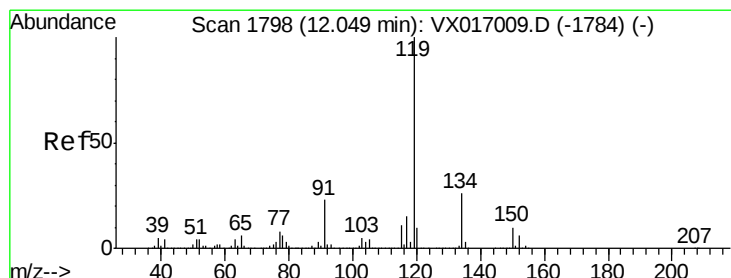
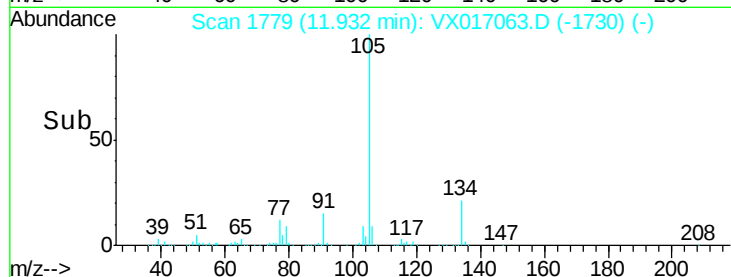
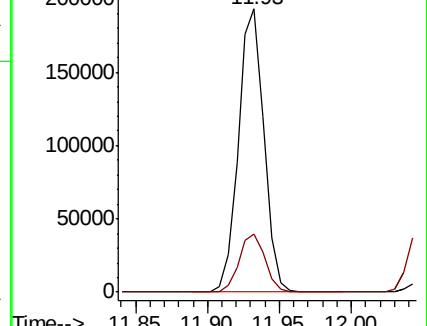
105 100

134 20.8 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.297 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

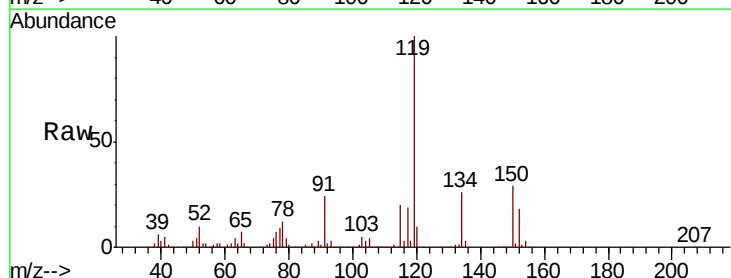
Tgt Ion:119 Resp: 227391

Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.5

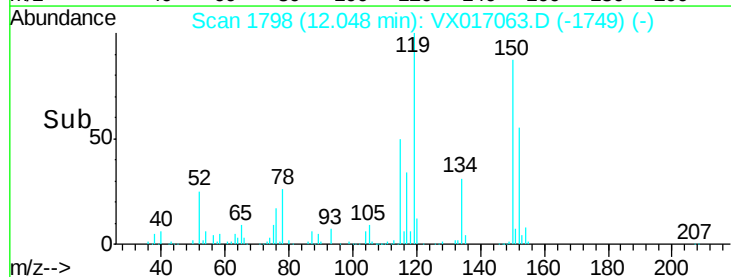
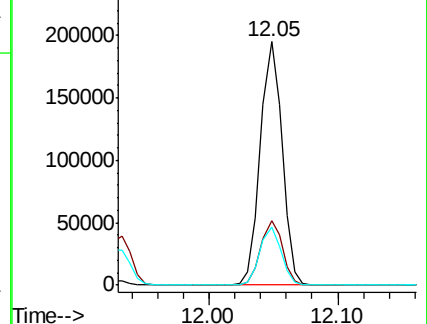
91 23.7 11.8 35.4

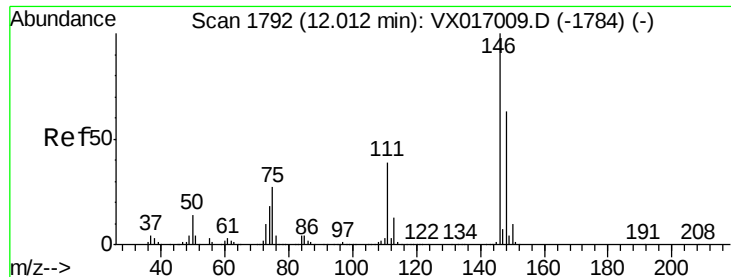


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.783 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampled :

VX0630WBSD02

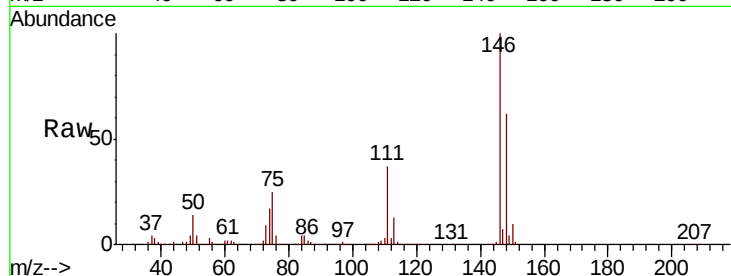
Tot Ion:146 Resp: 123993

Ion Ratio Lower Upper

146 100

111 39.3 20.4 61.2

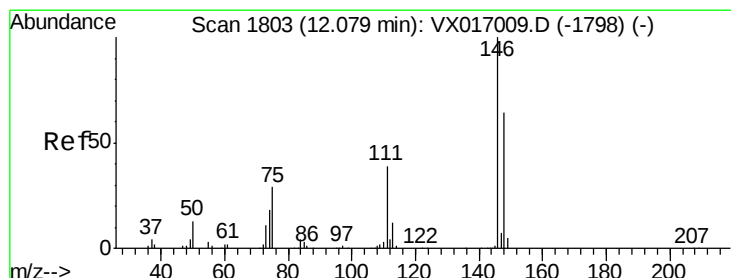
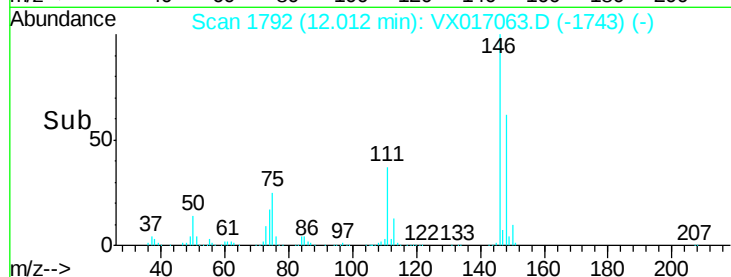
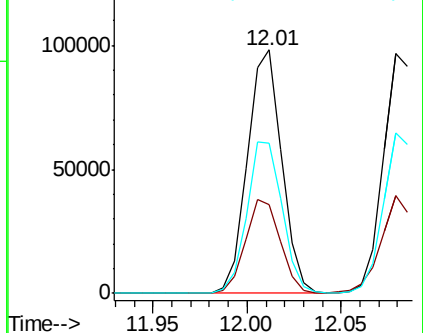
148 63.9 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.630 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

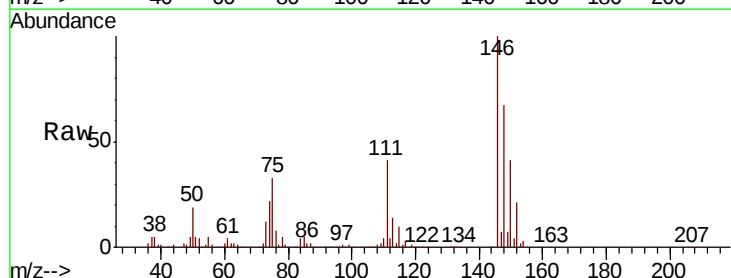
Tgt Ion:146 Resp: 122931

Ion Ratio Lower Upper

146 100

111 40.5 19.5 58.5

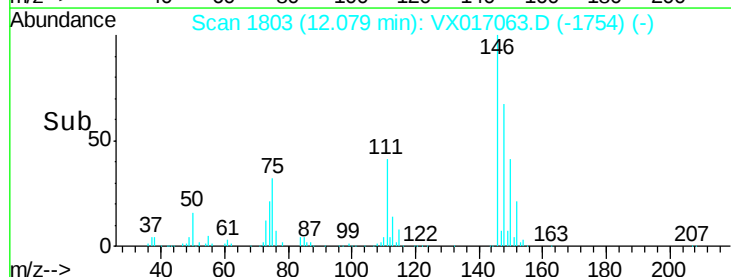
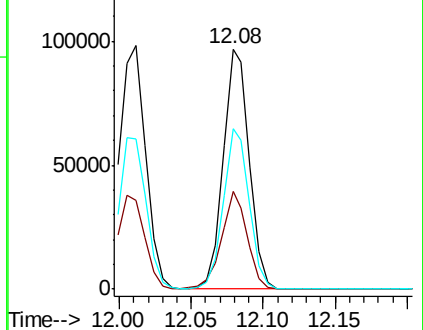
148 66.5 31.9 95.7

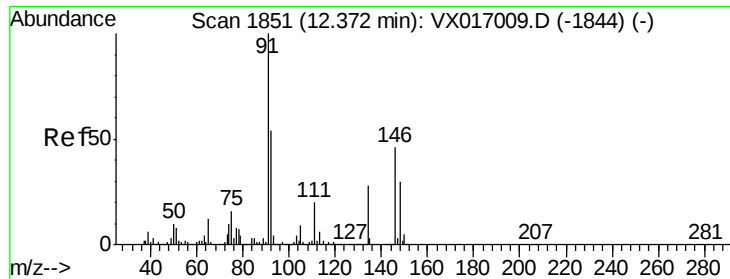


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 17.791 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampled :

VX0630WBSD02

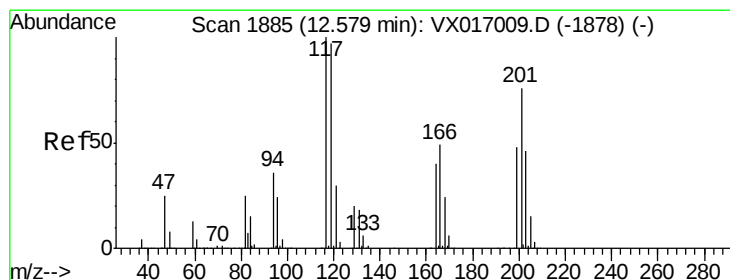
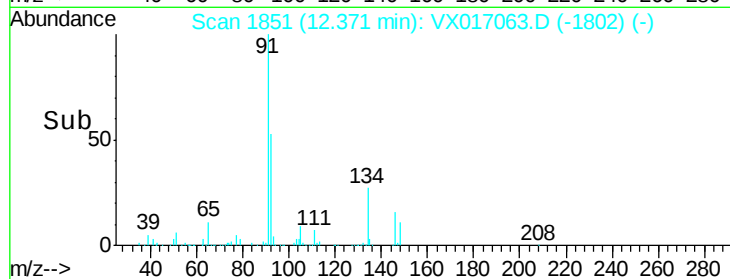
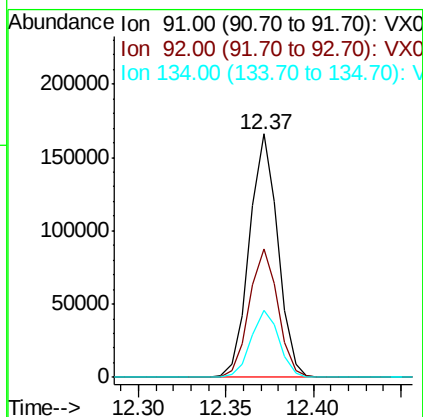
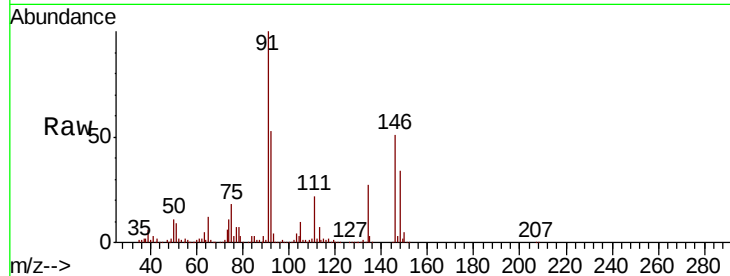
Tot Ion: 91 Resp: 187188

Ion Ratio Lower Upper

91 100

92 53.4 27.2 81.6

134 27.3 13.6 40.7



#90

Hexachloroethane

Concen: 19.632 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX017063.D

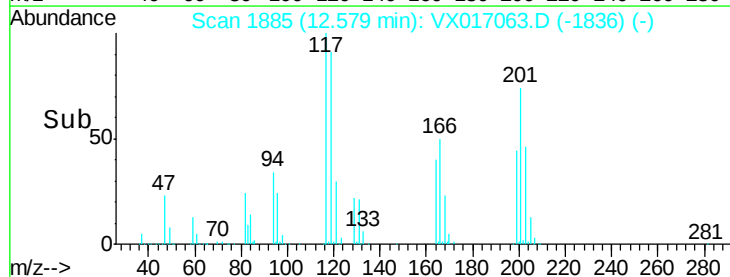
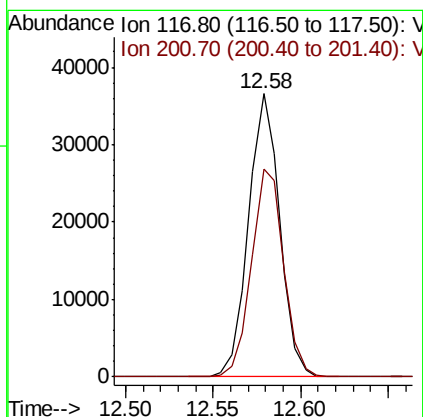
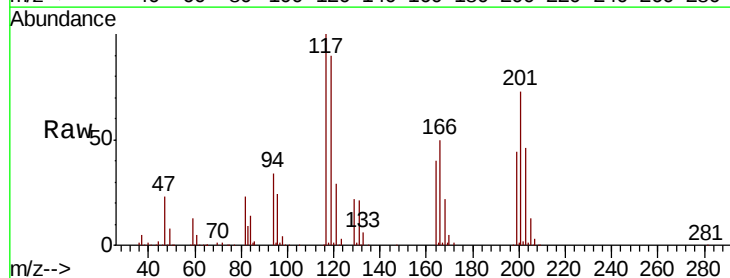
Acq: 30 Jun 2020 23:13

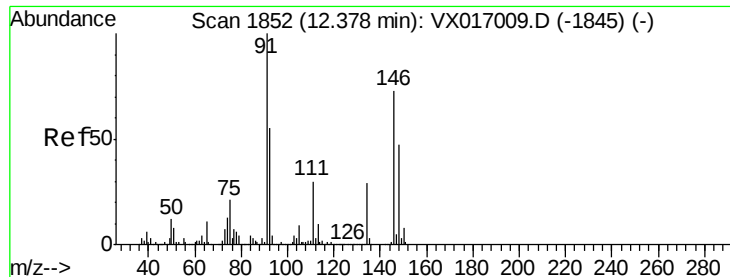
Tgt Ion: 117 Resp: 45621

Ion Ratio Lower Upper

117 100

201 75.8 39.4 118.2





#91

1,2-Dichlorobenzene

Concen: 19.227 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBSD02

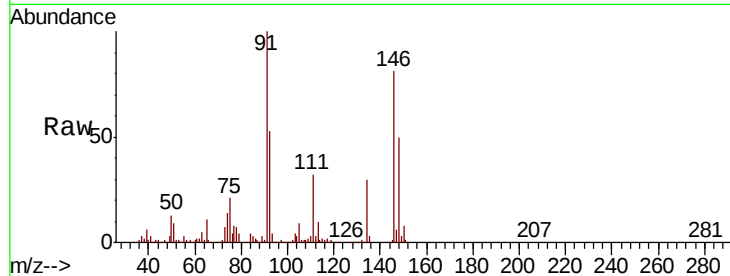
Tot Ion:146 Resp: 118645

Ion Ratio Lower Upper

146 100

111 40.8 20.6 61.9

148 64.2 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

120000

100000

80000

60000

40000

20000

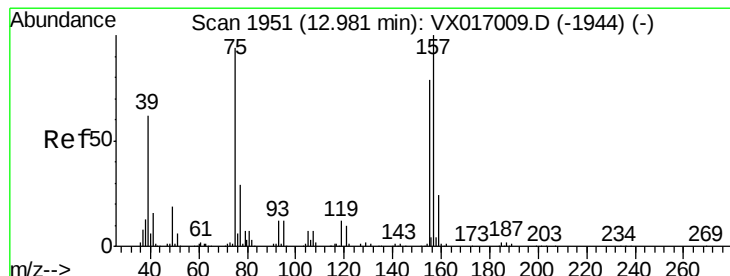
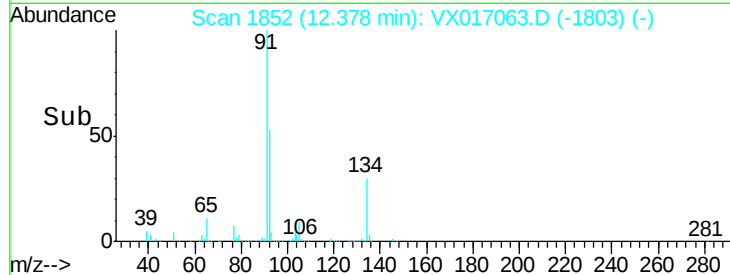
0

12.38

12.30

12.40

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.621 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX017063.D

Acq: 30 Jun 2020 23:13

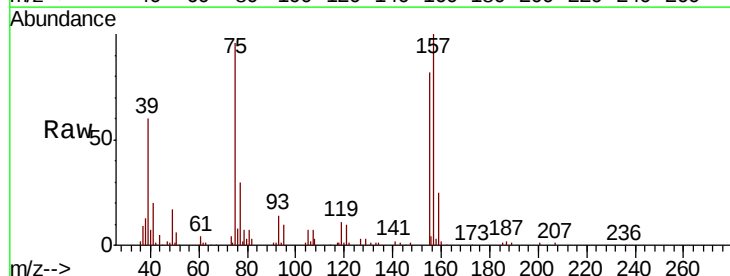
Tgt Ion: 75 Resp: 18479

Ion Ratio Lower Upper

75 100

155 86.3 45.1 135.2

157 111.4 56.5 169.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

20000

15000

10000

5000

0

12.98

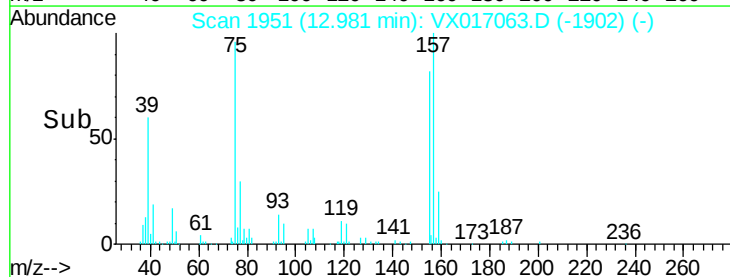
12.90

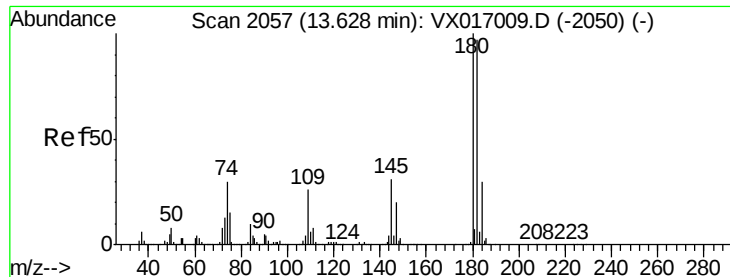
12.95

13.00

13.05

Time-->

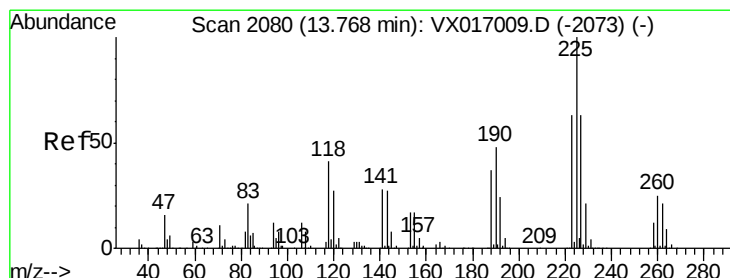
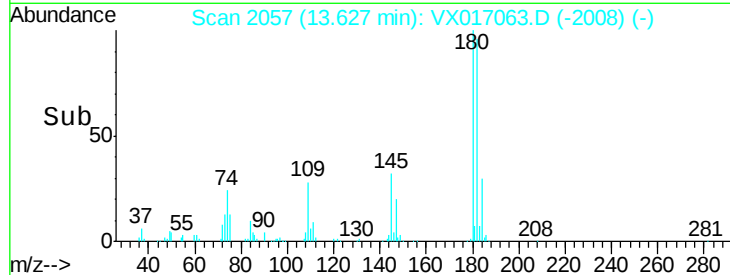
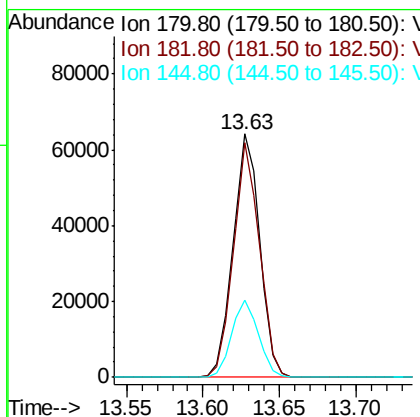
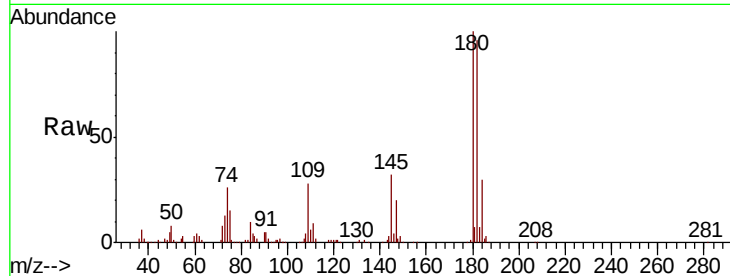




#93
 1,2,4-Trichlorobenzene
 Concen: 18.359 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017063.D
 Acq: 30 Jun 2020 23:13

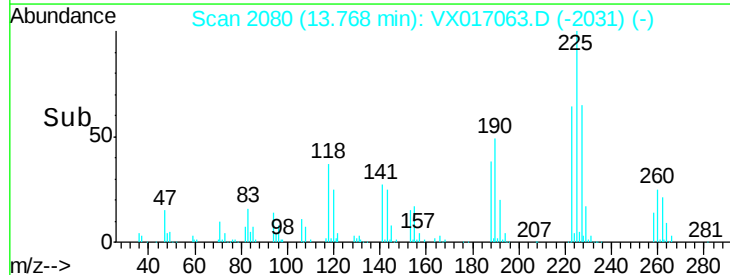
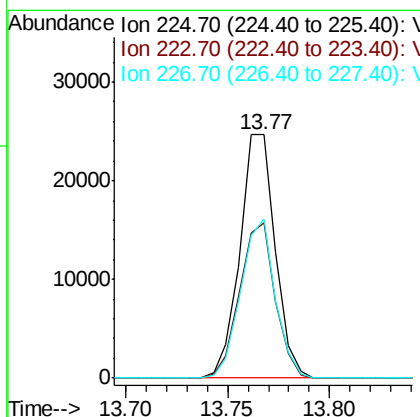
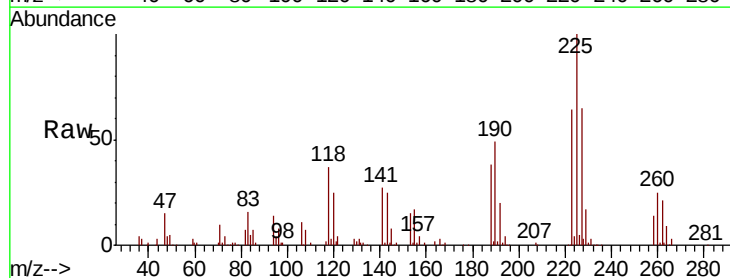
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBSD02

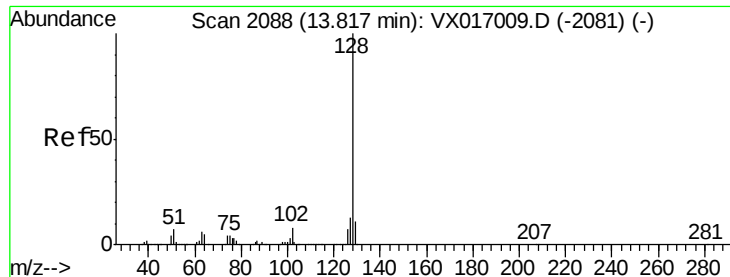
Tot Ion:180 Resp: 77324
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.3 141.9
 145 31.8 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 19.130 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017063.D
 Acq: 30 Jun 2020 23:13

Tgt Ion:225 Resp: 29731
 Ion Ratio Lower Upper
 225 100
 223 64.0 32.5 97.5
 227 63.4 33.1 99.2

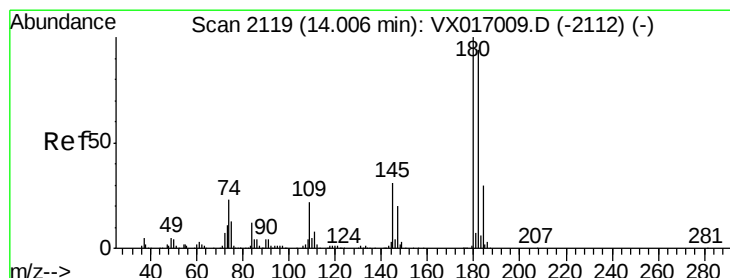
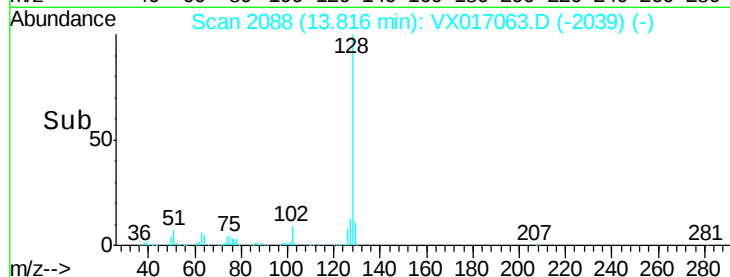
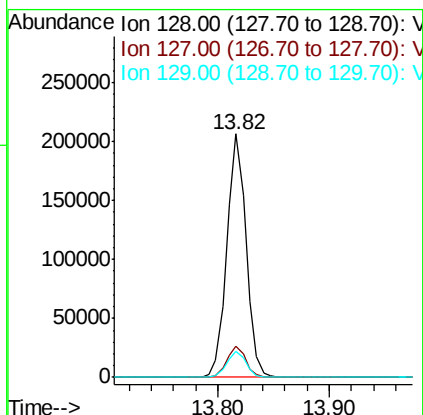
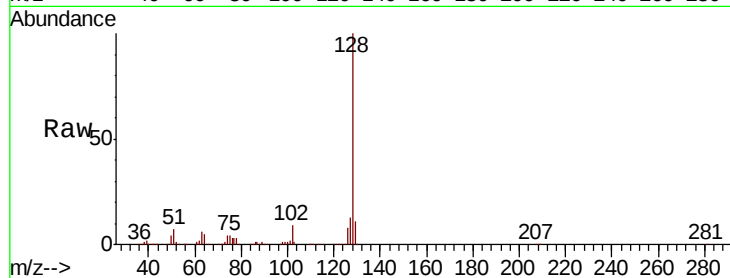




#95
Naphthalene
Concen: 19.217 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD02

Tot Ion:128 Resp: 246065
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.025 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX017063.D
Acq: 30 Jun 2020 23:13

Tgt Ion:180 Resp: 77545
Ion Ratio Lower Upper
180 100
182 95.0 47.1 141.4
145 31.9 16.6 49.7

