

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016969.D
 Acq On : 26 Jun 2020 09:26
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 02:56:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:34:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	240433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	403165	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	368256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	187700	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	165736	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	
35) Dibromofluoromethane	5.46	113	122673	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	
50) Toluene-d8	8.70	98	458664	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
62) 4-Bromofluorobenzene	11.12	95	176814	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	102213	44.606	ug/l	100
3) Chloromethane	1.31	50	142016	48.212	ug/l	97
4) Vinyl Chloride	1.39	62	137571	45.599	ug/l	98
5) Bromomethane	1.62	94	90403	44.182	ug/l	99
6) Chloroethane	1.71	64	89705	43.810	ug/l	99
7) Trichlorofluoromethane	1.92	101	232406	47.223	ug/l	97
8) Diethyl Ether	2.17	74	79954	42.175	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	122457	46.486	ug/l	100
10) Methyl Iodide	2.49	142	154452	46.935	ug/l	98
11) Tert butyl alcohol	3.01	59	148448	216.566	ug/l	100
12) 1,1-Dichloroethene	2.36	96	117282	44.008	ug/l	96
13) Acrolein	2.27	56	125693	247.400	ug/l	99
14) Allyl chloride	2.70	41	236812	47.724	ug/l	99
15) Acrylonitrile	3.11	53	345507	217.093	ug/l	100
16) Acetone	2.42	43	289461	203.950	ug/l	98
17) Carbon Disulfide	2.55	76	379798	44.944	ug/l	100
18) Methyl Acetate	2.75	43	150391	43.556	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	433605	46.550	ug/l	100
20) Methylene Chloride	2.83	84	139415	43.212	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	136097	45.200	ug/l	97
22) Diisopropyl ether	3.82	45	456784	46.955	ug/l	95
23) Vinyl Acetate	3.78	43	1996046	234.448	ug/l	99
24) 1,1-Dichloroethane	3.67	63	247537	45.362	ug/l	98
25) 2-Butanone	4.63	43	467762	216.246	ug/l	100
26) 2,2-Dichloropropane	4.54	77	225956	51.189	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	148324	44.578	ug/l	99
28) Bromochloromethane	4.98	49	108713	42.633	ug/l	98
29) Tetrahydrofuran	5.08	42	314733	221.332	ug/l	99
30) Chloroform	5.17	83	248466	45.336	ug/l	100
31) Cyclohexane	5.55	56	219190	48.084	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	226724	46.176	ug/l	99
36) 1,1-Dichloropropene	5.76	75	189395	47.444	ug/l	100
37) Ethyl Acetate	4.79	43	191632	44.668	ug/l	99
38) Carbon Tetrachloride	5.75	117	204853	48.487	ug/l	99

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Quant Time: Jun 27 02:56:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:34:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	217444	50.336	ug/l	97
40) Benzene	6.11	78	534690	46.510	ug/l	99
41) Methacrylonitrile	5.00	41	105607	44.175	ug/l	99
42) 1,2-Dichloroethane	6.16	62	211216	46.762	ug/l	99
43) Isopropyl Acetate	6.41	43	328745	45.549	ug/l	100
44) Trichloroethene	7.18	130	144139	47.099	ug/l	95
45) 1,2-Dichloropropane	7.49	63	139342	45.338	ug/l	99
46) Dibromomethane	7.63	93	95808	45.887	ug/l	99
47) Bromodichloromethane	7.87	83	202581	46.389	ug/l	99
48) Methyl methacrylate	7.74	41	159914	47.448	ug/l	100
49) 1,4-Dioxane	7.71	88	64322	917.518	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	954873	231.169	ug/l	100
52) Toluene	8.76	92	334475	47.204	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	226901	48.519	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	237328	48.276	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	134690	46.261	ug/l	99
56) Ethyl methacrylate	9.16	69	209345	47.976	ug/l	99
57) 1,3-Dichloropropane	9.35	76	231898	46.527	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	539701	239.397	ug/l	100
59) 2-Hexanone	9.47	43	722302	232.446	ug/l	99
60) Dibromochloromethane	9.56	129	154494	46.549	ug/l	98
61) 1,2-Dibromoethane	9.65	107	141223	45.429	ug/l	99
64) Tetrachloroethene	9.32	164	127093	50.984	ug/l	98
65) Chlorobenzene	10.12	112	356156	47.293	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	137203	49.022	ug/l	99
67) Ethyl Benzene	10.23	91	656463	49.657	ug/l	100
68) m/p-Xylenes	10.34	106	488960	99.559	ug/l	99
69) o-Xylene	10.68	106	231338	49.373	ug/l	100
70) Styrene	10.70	104	406374	50.913	ug/l	99
71) Bromoform	10.84	173	106757	47.973	ug/l #	98
73) Isopropylbenzene	11.00	105	635213	49.151	ug/l	100
74) N-amyl acetate	10.88	43	295808	48.537	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	192951	44.365	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	241567	61.326	ug/l	85
77) Bromobenzene	11.24	156	154035	45.971	ug/l	98
78) n-propylbenzene	11.34	91	760030	49.826	ug/l	99
79) 2-Chlorotoluene	11.40	91	448952	48.945	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	546413	50.869	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	73293	47.239	ug/l	95
82) 4-Chlorotoluene	11.49	91	539114	49.938	ug/l	99
83) tert-Butylbenzene	11.76	119	518274	49.539	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	555953	51.168	ug/l	99
85) sec-Butylbenzene	11.93	105	622675	51.049	ug/l	99
86) p-Isopropyltoluene	12.05	119	575089	51.602	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	277066	46.071	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	281879	45.913	ug/l	99
89) n-Butylbenzene	12.37	91	535043	51.003	ug/l	99
90) Hexachloroethane	12.58	117	109756	47.505	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	265834	46.625	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44369	44.584	ug/l	98

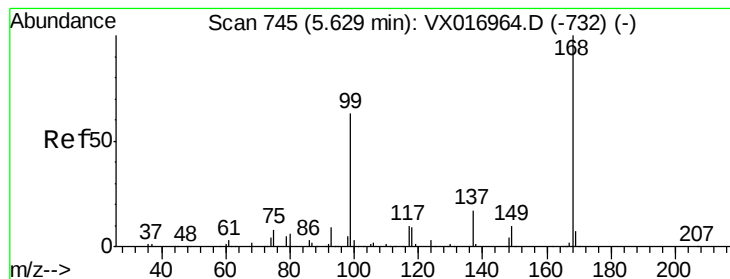
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	174658	47.011	ug/l	97
94) Hexachlorobutadiene	13.77	225	67587	50.635	ug/l	98
95) Naphthalene	13.82	128	579465	47.461	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	170610	47.882	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

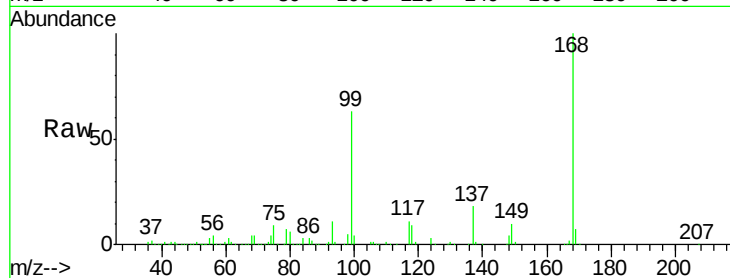
ClientSampleId :

Tot Ion:168 Resp: 240433

Ion Ratio Lower Upper

168 100

99 63.1 50.2 75.2



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

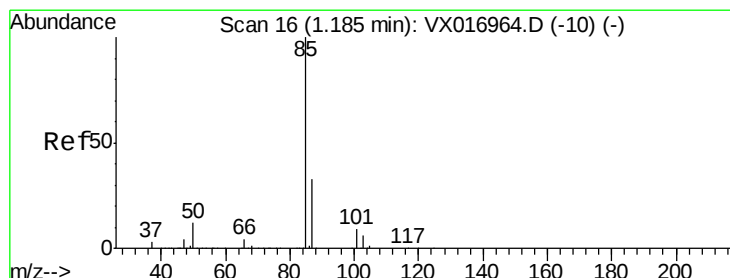
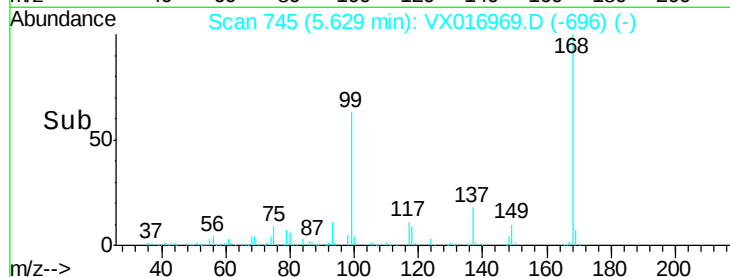
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.606 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016969.D

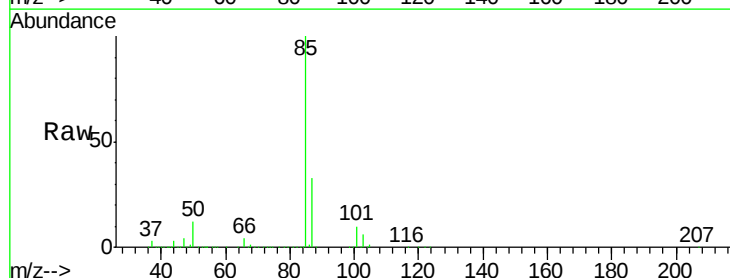
Acq: 26 Jun 2020 09:26

Tgt Ion: 85 Resp: 102213

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

120000

100000

80000

60000

40000

20000

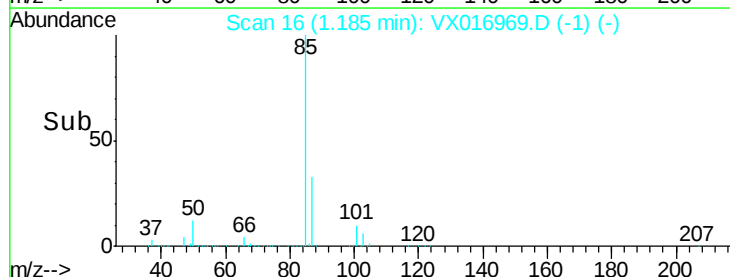
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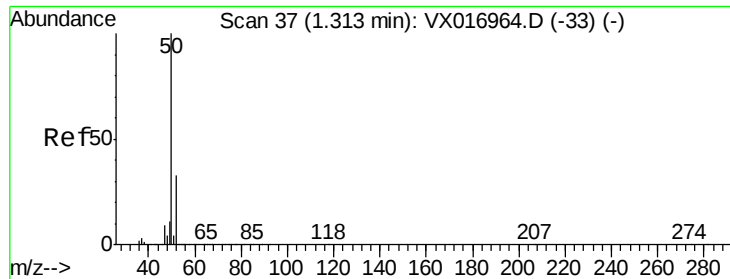
1.15

1.20

1.25

Time-->





#3

Chloromethane

Concen: 48.212 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

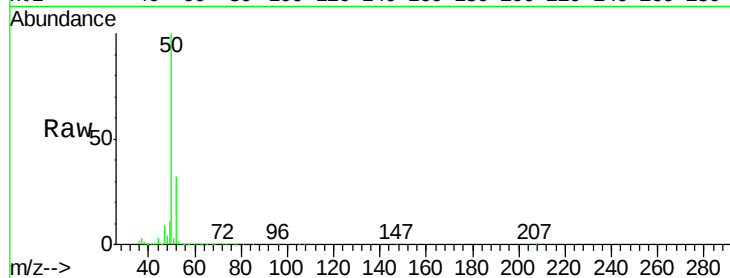
ClientSampled :

Tot Ion: 50 Resp: 142016

Ion Ratio Lower Upper

50 100

52 31.9 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

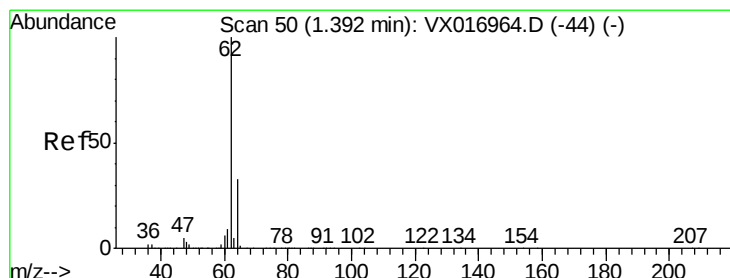
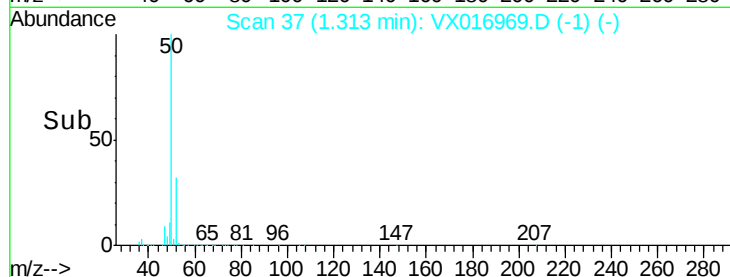
150000

100000

50000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 45.599 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016969.D

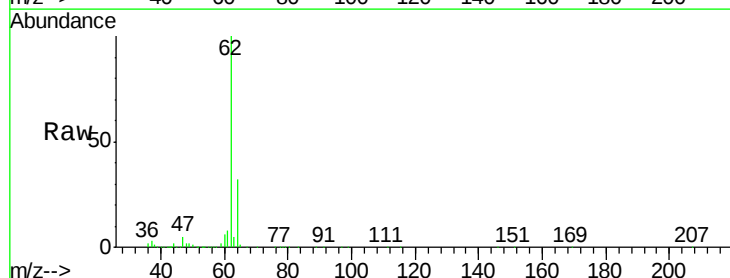
Acq: 26 Jun 2020 09:26

Tgt Ion: 62 Resp: 137571

Ion Ratio Lower Upper

62 100

64 31.5 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

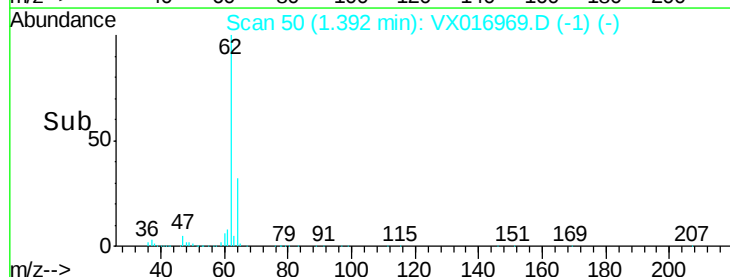
150000

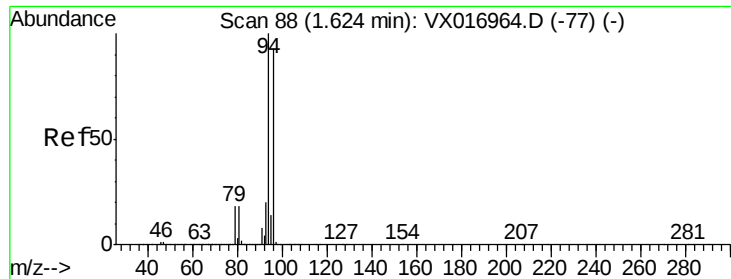
100000

50000

0

Time--> 1.30 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 44.182 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

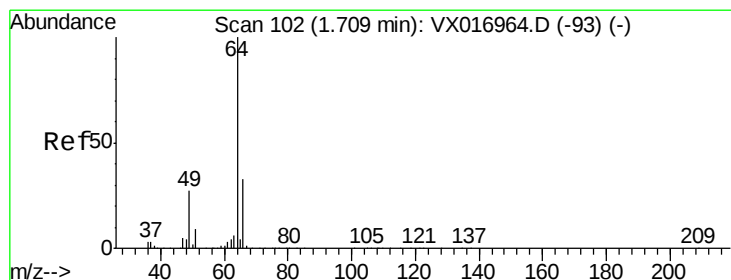
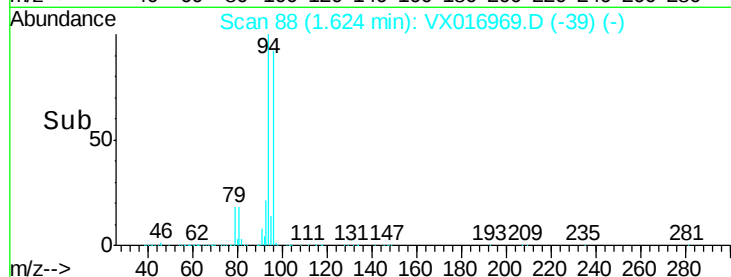
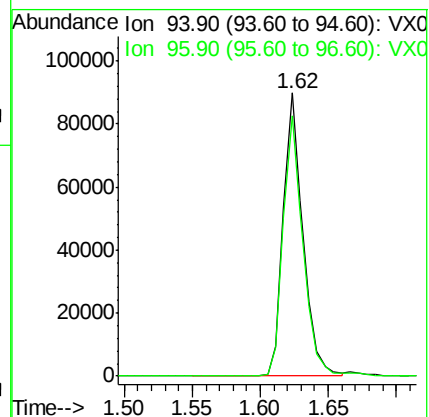
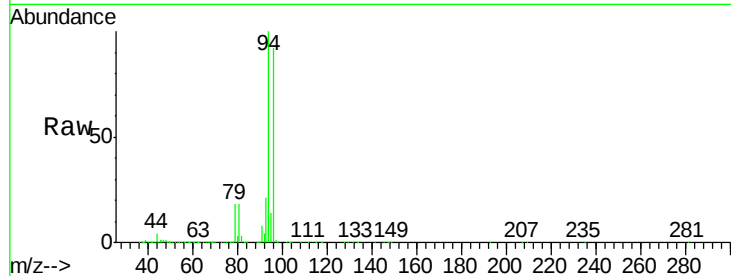
ClientSampleId :

Tot Ion: 94 Resp: 90403

Ion Ratio Lower Upper

94 100

96 91.7 74.2 111.2



#6

Chloroethane

Concen: 43.810 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX016969.D

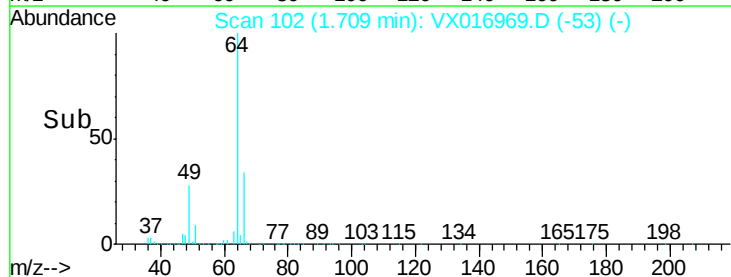
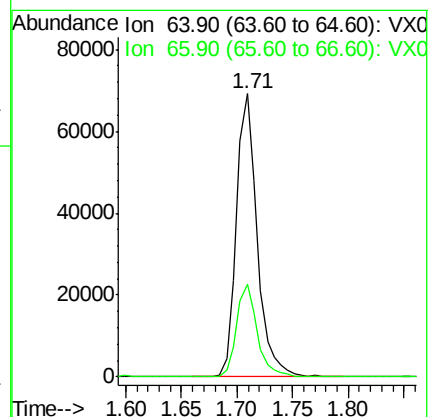
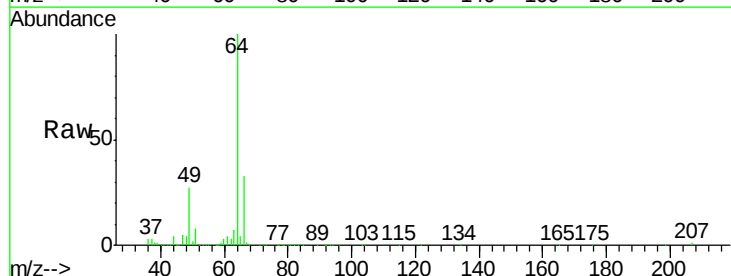
Acq: 26 Jun 2020 09:26

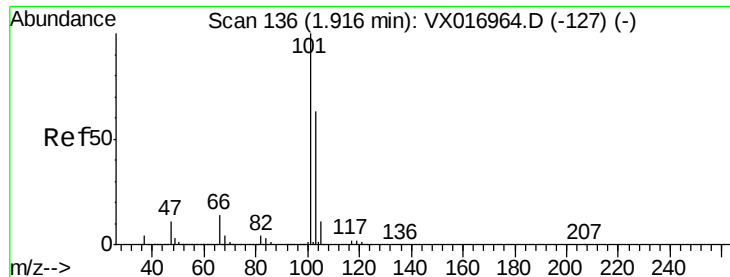
Tgt Ion: 64 Resp: 89705

Ion Ratio Lower Upper

64 100

66 32.4 26.2 39.2



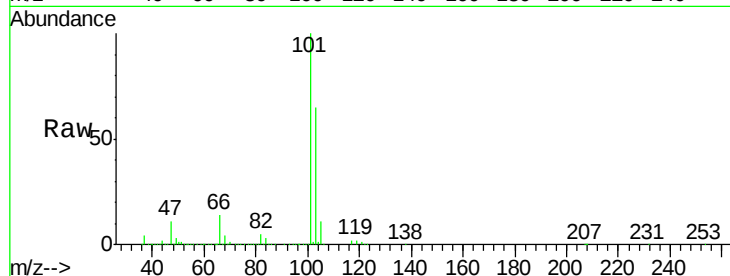


#7

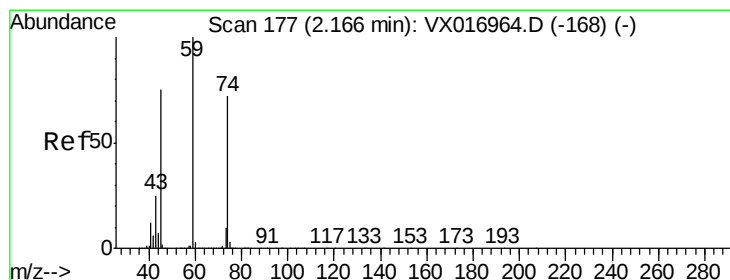
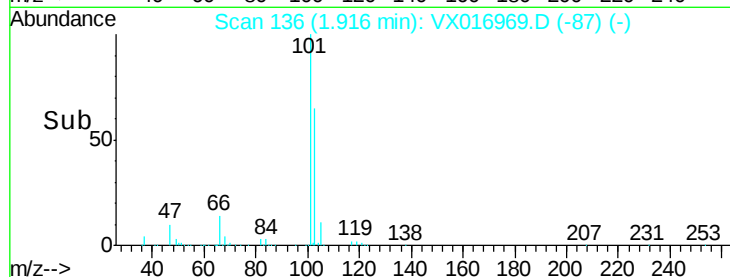
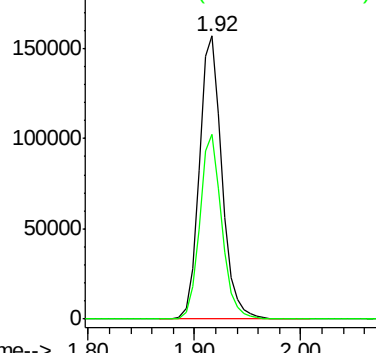
Trichlorofluoromethane
Concen: 47.223 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 232406
Ion Ratio Lower Upper
101 100
103 65.2 50.2 75.4



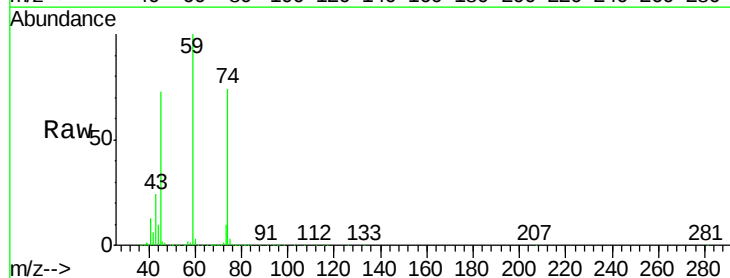
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



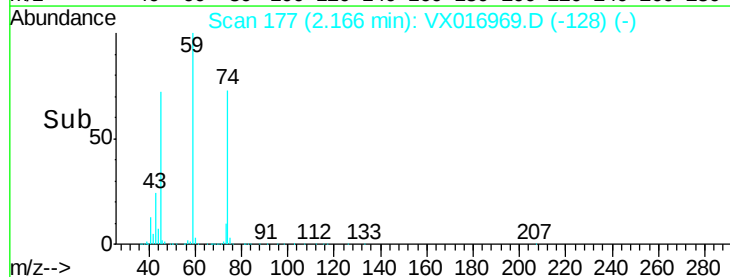
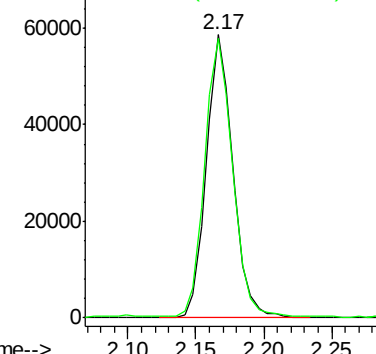
#8

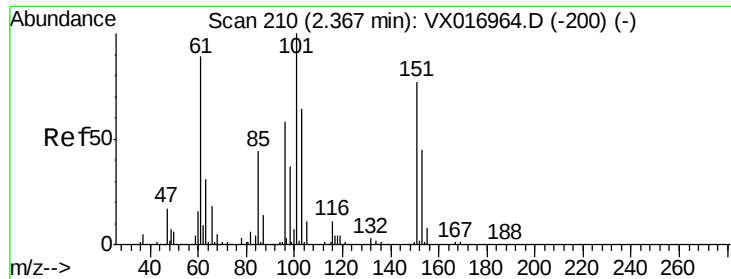
Diethyl Ether
Concen: 42.175 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion: 74 Resp: 79954
Ion Ratio Lower Upper
74 100
45 102.9 50.5 151.5



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.486 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

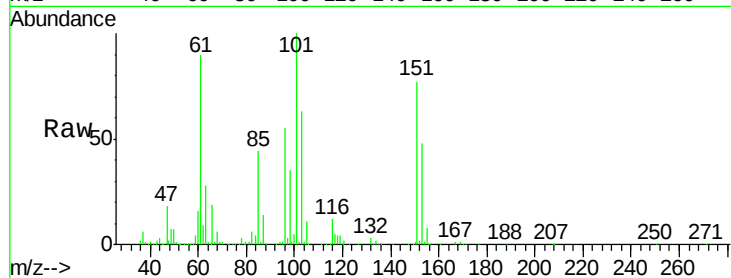
Tot Ion:101 Resp: 122457

Ion Ratio Lower Upper

101 100

85 46.8 36.8 55.2

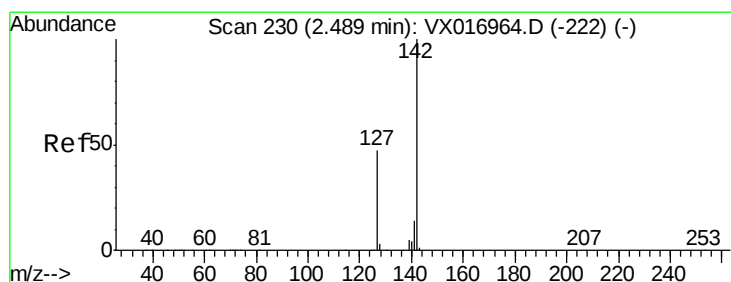
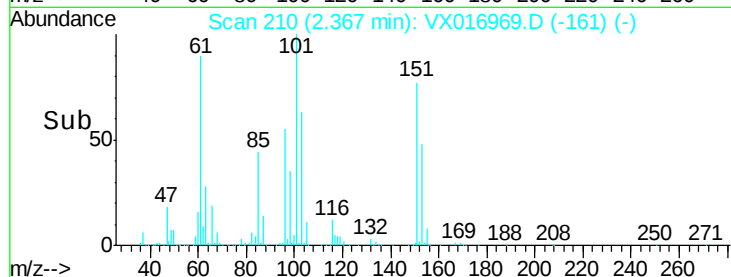
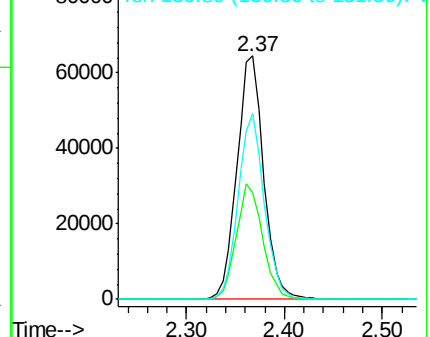
151 74.7 59.8 89.6



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: 46.935 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

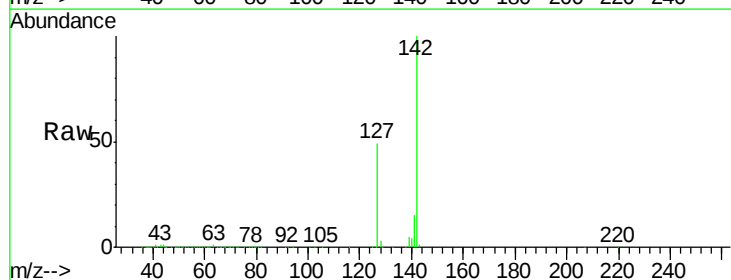
Tgt Ion:142 Resp: 154452

Ion Ratio Lower Upper

142 100

127 48.5 37.4 56.0

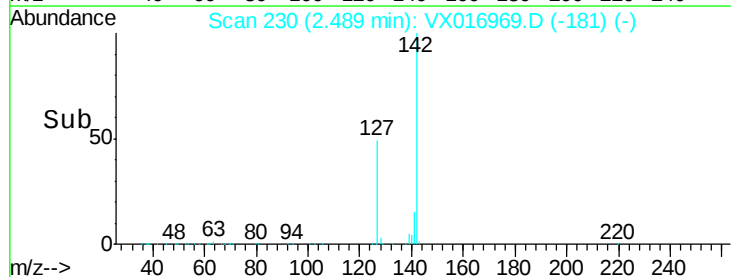
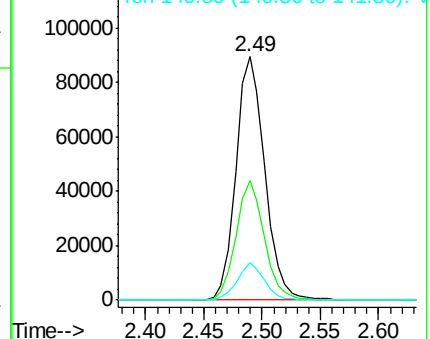
141 14.7 11.7 17.5

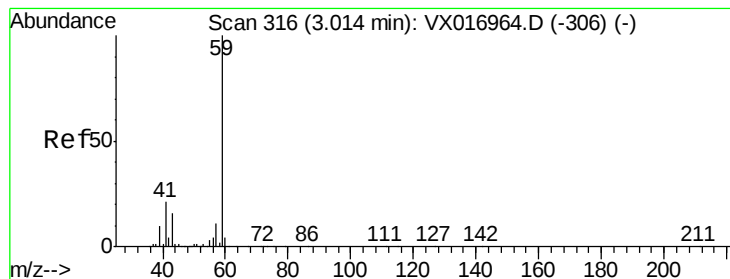


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



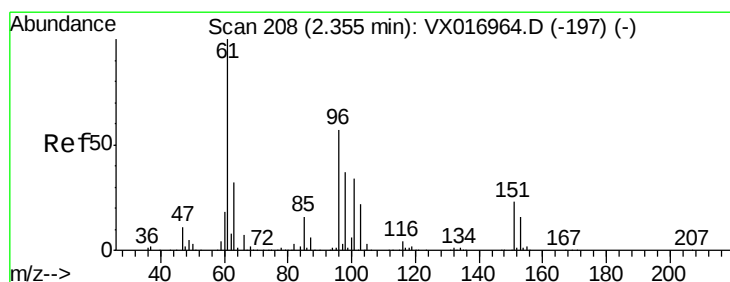
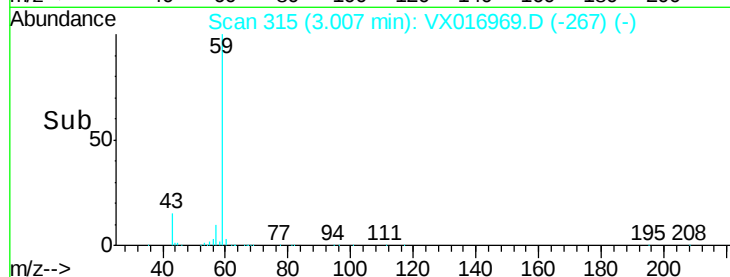
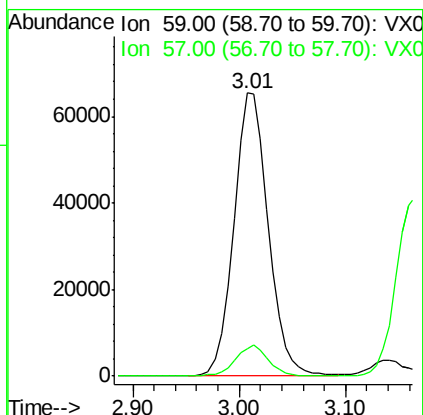
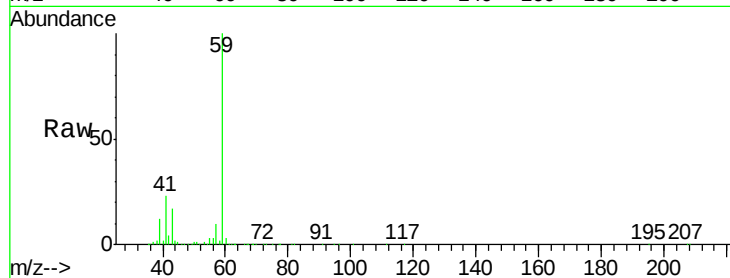


#11

Tert butyl alcohol
Concen: 216.566 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Instrument :
MSVOA_X
ClientSampleId :

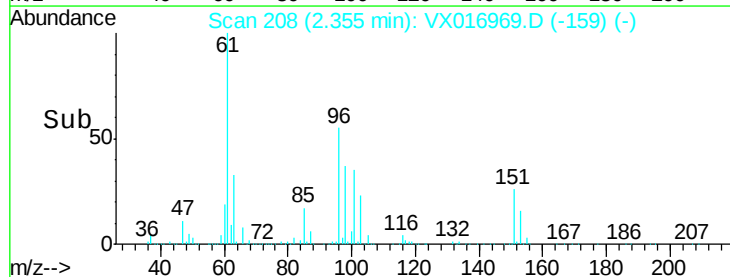
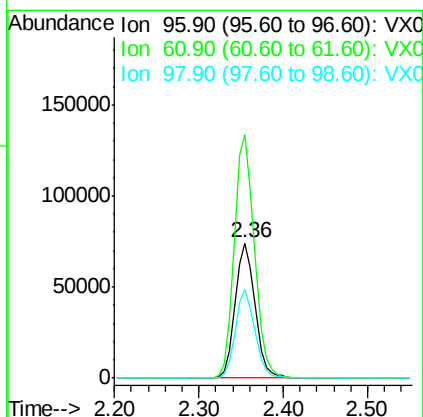
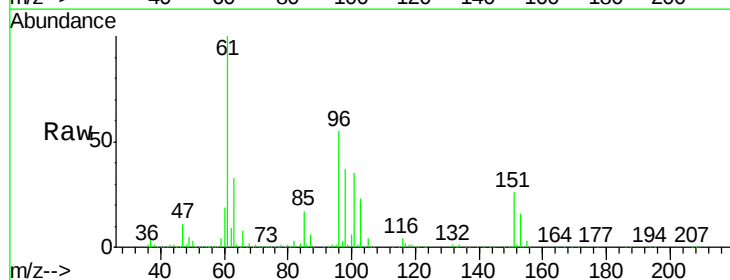
Tot Ion: 59 Resp: 148448
Ion Ratio Lower Upper
59 100
57 10.7 8.5 12.7

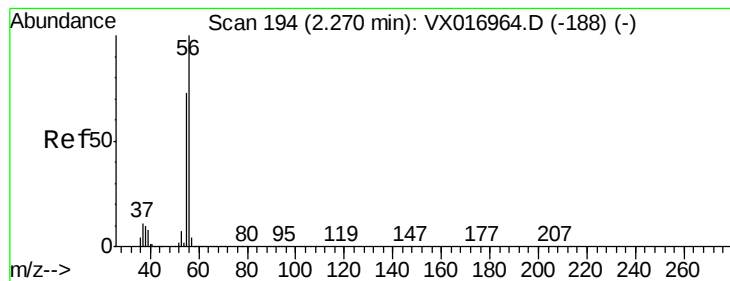


#12

1,1-Dichloroethene
Concen: 44.008 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion: 96 Resp: 117282
Ion Ratio Lower Upper
96 100
61 180.8 139.7 209.5
98 66.1 51.0 76.6





#13

Acrolein

Concen: 247.400 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

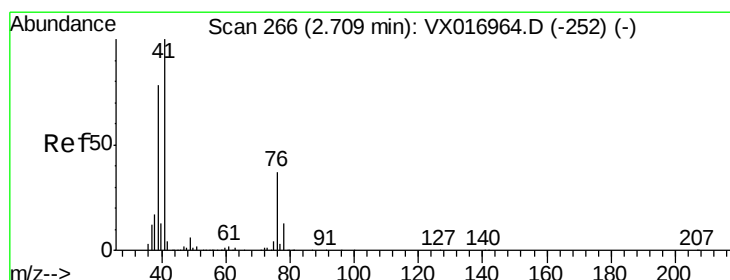
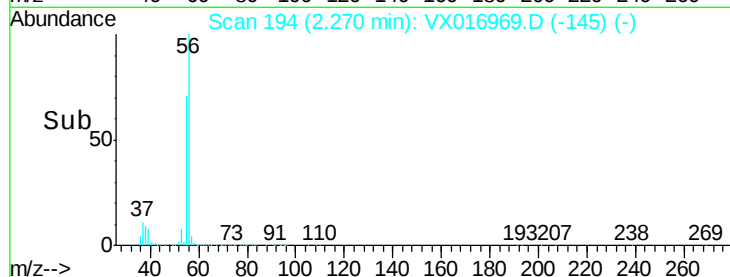
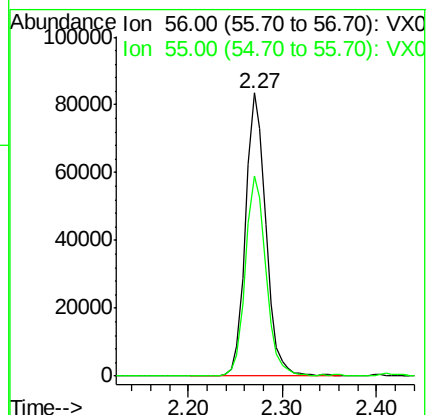
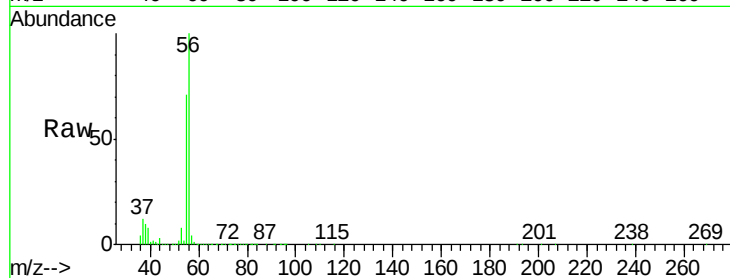
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 125693

Ion Ratio Lower Upper

56 100

55 71.4 57.5 86.3



#14

Allyl chloride

Concen: 47.724 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

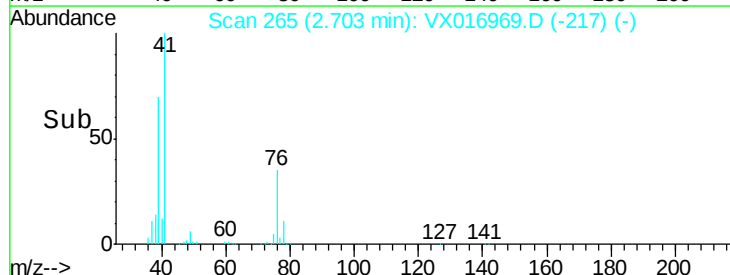
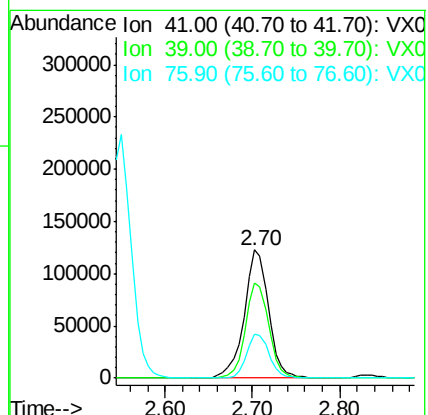
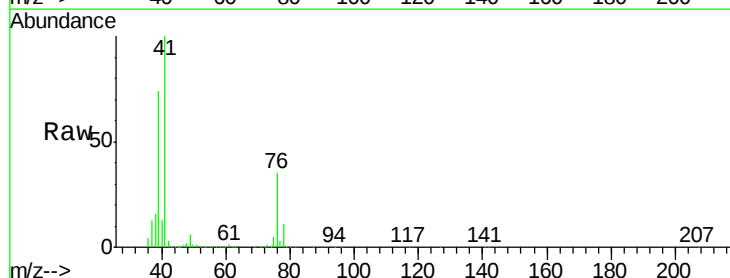
Tgt Ion: 41 Resp: 236812

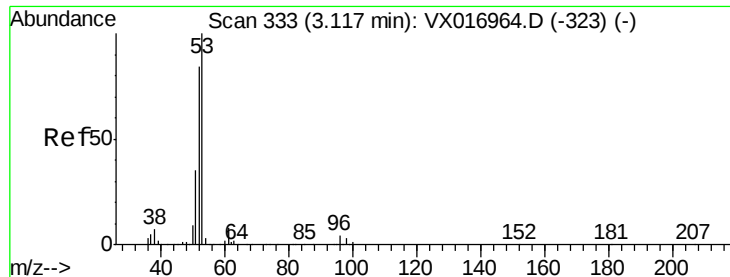
Ion Ratio Lower Upper

41 100

39 70.7 56.4 84.6

76 32.0 26.5 39.7





#15

Acrylonitrile

Concen: 217.093 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

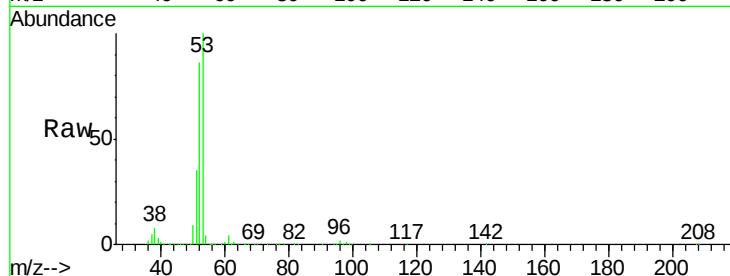
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 345507

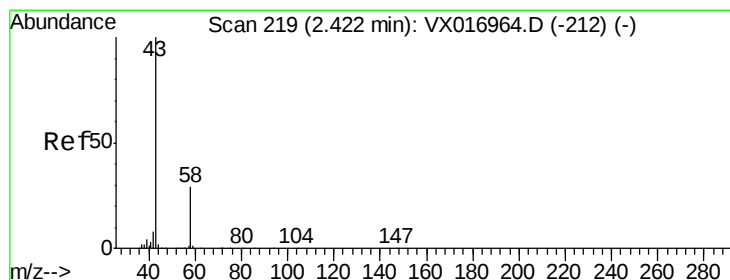
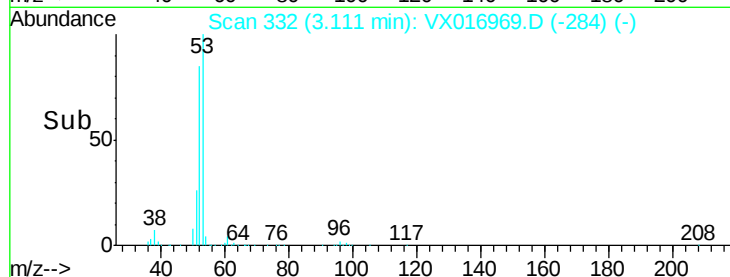
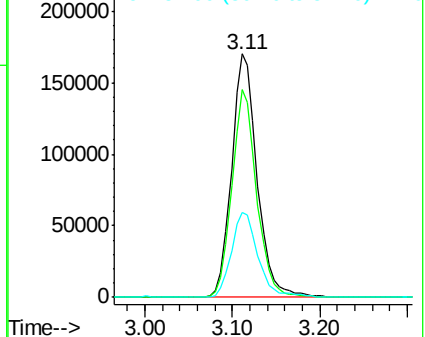
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.3	99.5
51	36.7	29.0	43.6



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: 203.950 ug/l

RT: 2.42 min Scan# 218

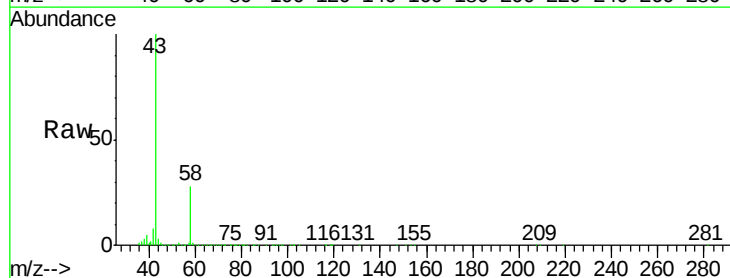
Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

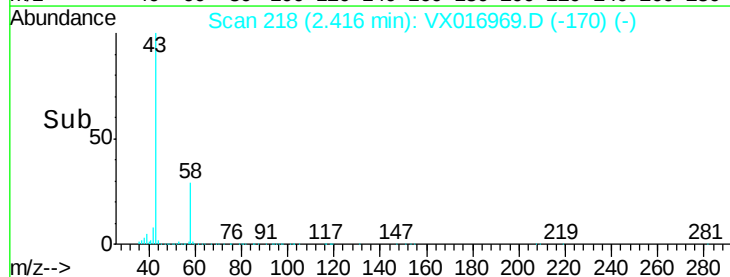
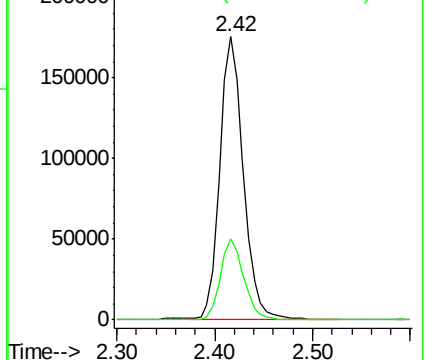
Tgt Ion: 43 Resp: 289461

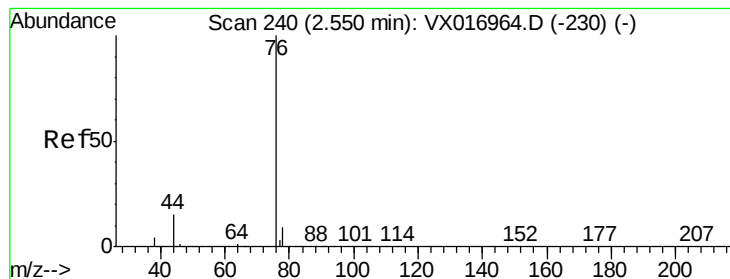
Ion	Ratio	Lower	Upper
43	100		
58	28.4	23.5	35.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 44.944 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

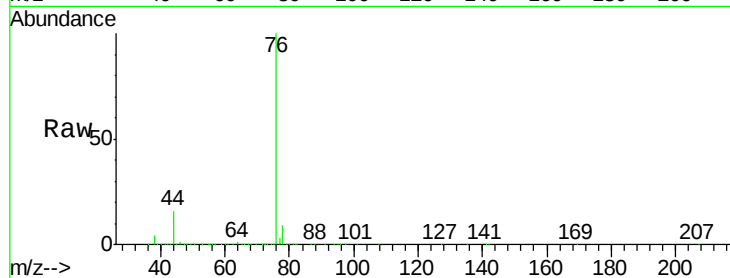
ClientSampleId :

Tot Ion: 76 Resp: 379798

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

250000

200000

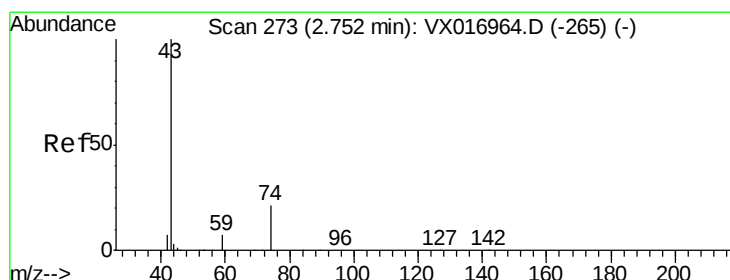
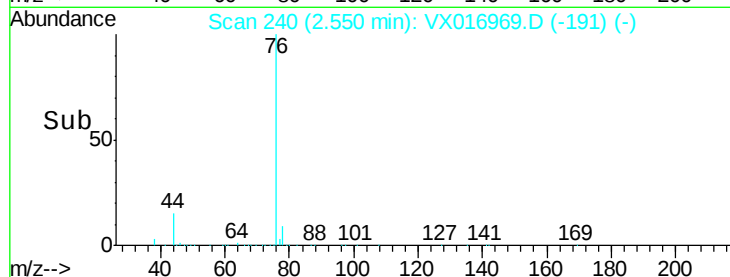
150000

100000

50000

0

Time--> 2.45 2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 43.556 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016969.D

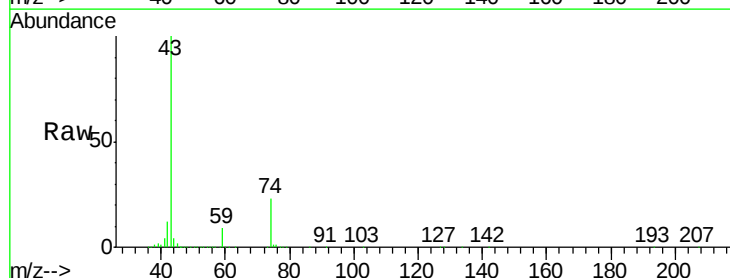
Acq: 26 Jun 2020 09:26

Tgt Ion: 43 Resp: 150391

Ion Ratio Lower Upper

43 100

74 23.2 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

100000

80000

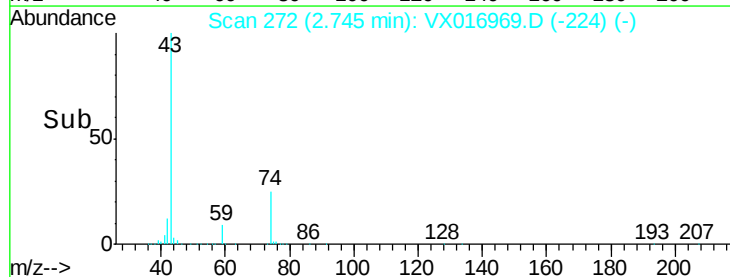
60000

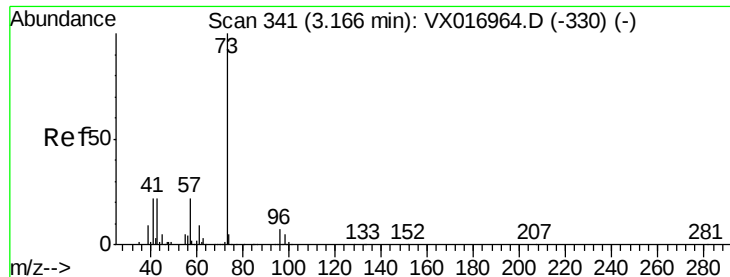
40000

20000

0

Time--> 2.65 2.70 2.75 2.80 2.85

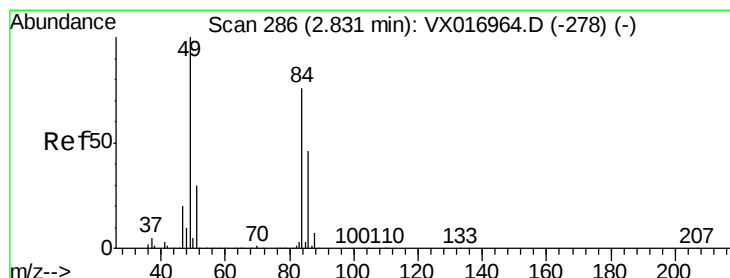
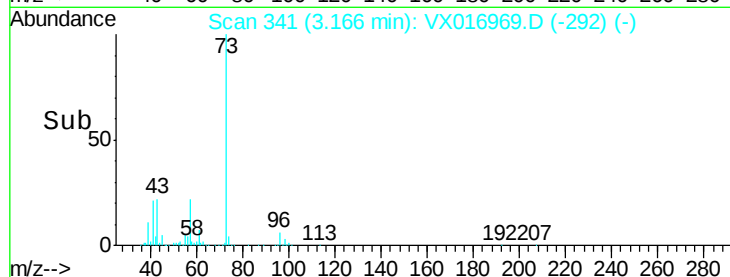
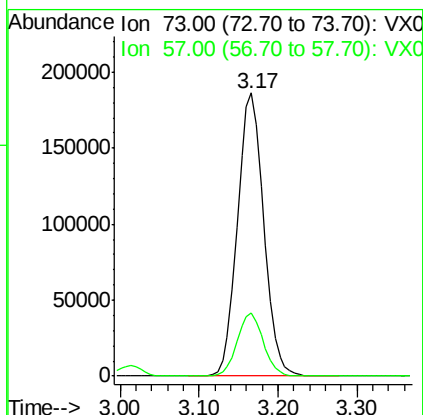
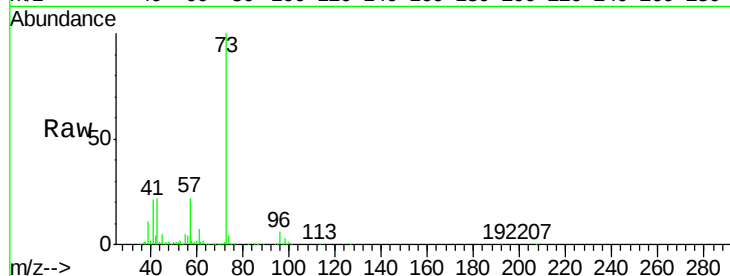




#19
Methyl tert-butyl Ether
Concen: 46.550 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

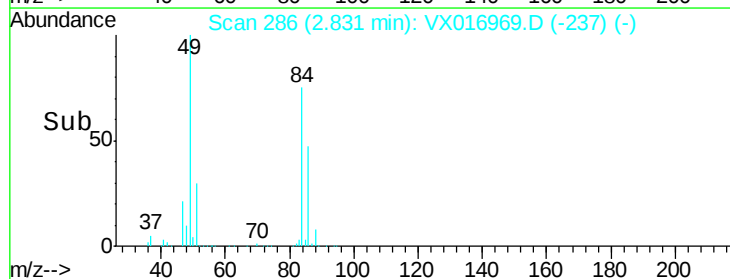
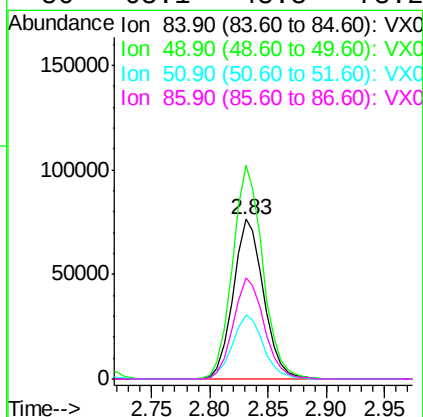
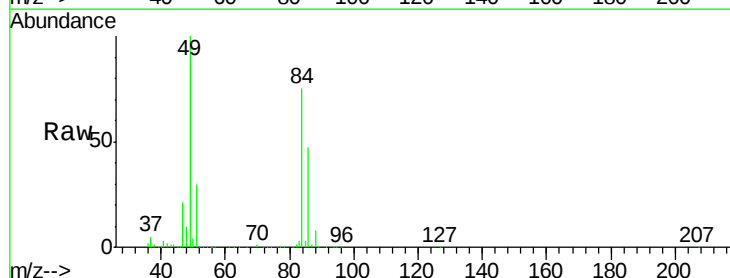
Instrument :
MSVOA_X
ClientSampleId :

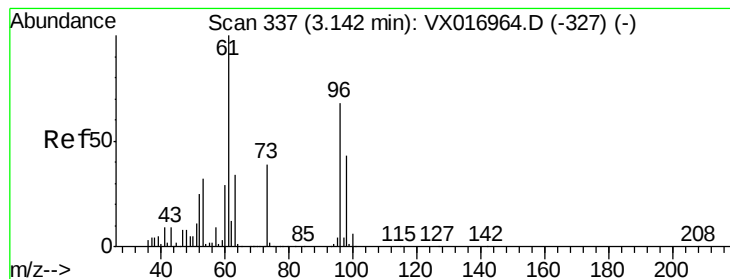
Tot Ion: 73 Resp: 433605
Ion Ratio Lower Upper
73 100
57 22.3 17.8 26.8



#20
Methylene Chloride
Concen: 43.212 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion: 84 Resp: 139415
Ion Ratio Lower Upper
84 100
49 133.7 105.6 158.4
51 40.4 31.2 46.8
86 63.1 48.8 73.2





#21

trans-1,2-Dichloroethene

Concen: 45.200 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

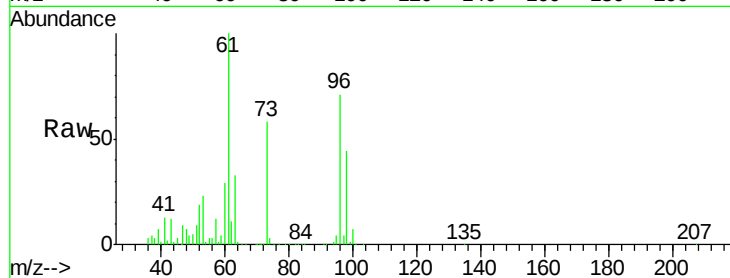
Tot Ion: 96 Resp: 136097

Ion Ratio Lower Upper

96 100

61 140.8 116.7 175.1

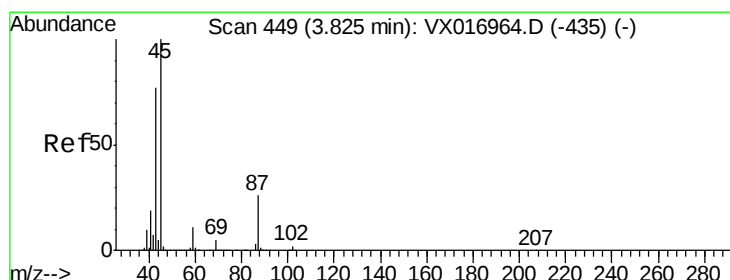
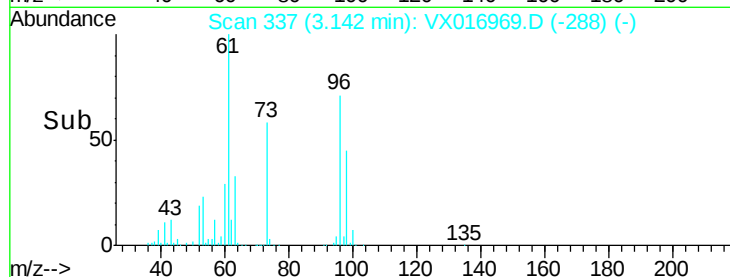
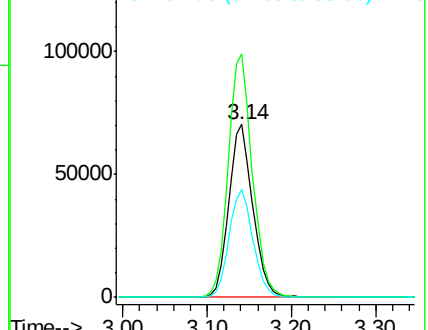
98 62.7 50.7 76.1



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: 46.955 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Tgt Ion: 45 Resp: 456784

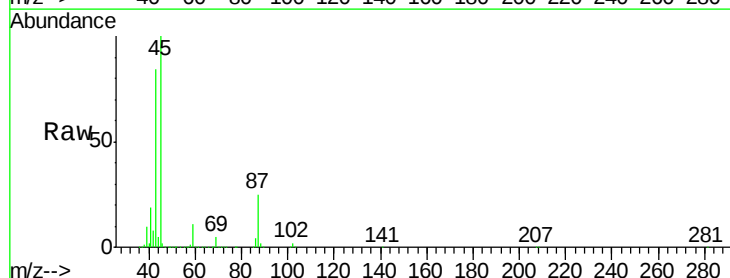
Ion Ratio Lower Upper

45 100

43 83.9 62.7 94.1

87 24.7 21.0 31.4

59 10.9 9.0 13.6

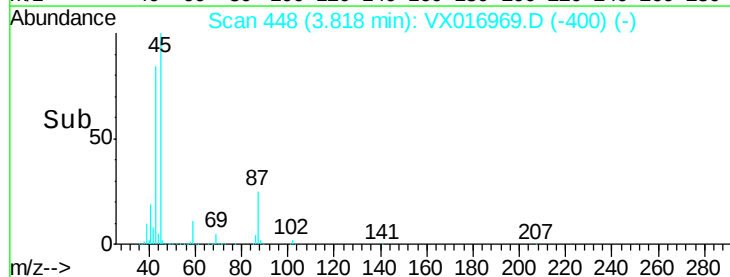
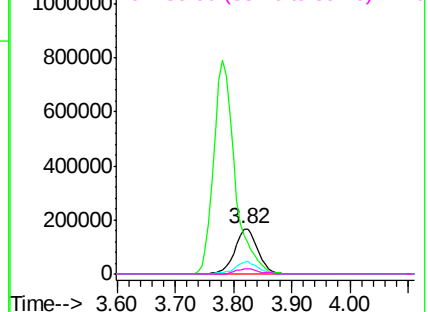


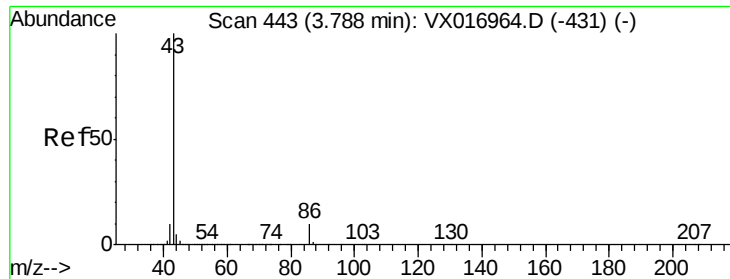
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 234.448 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

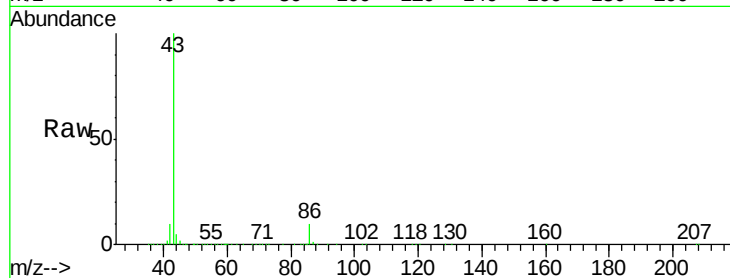
ClientSampleId :

Tot Ion: 43 Resp: 1996046

Ion Ratio Lower Upper

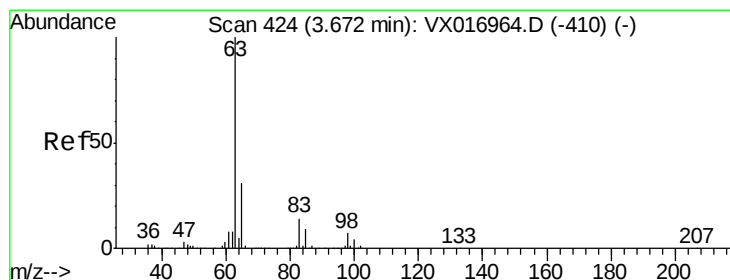
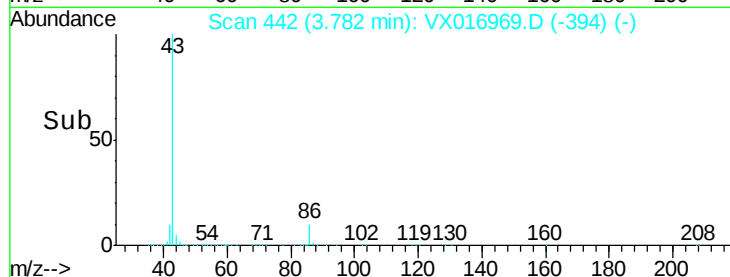
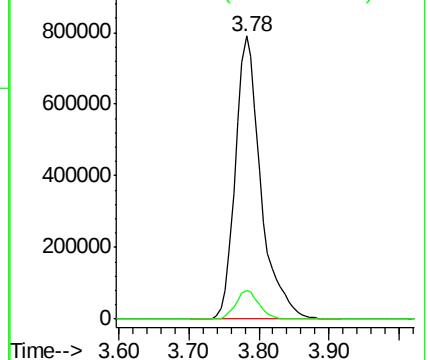
43 100

86 10.0 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 45.362 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

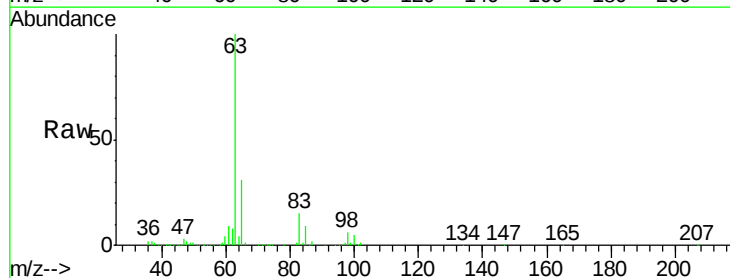
Tgt Ion: 63 Resp: 247537

Ion Ratio Lower Upper

63 100

98 6.4 3.6 10.8

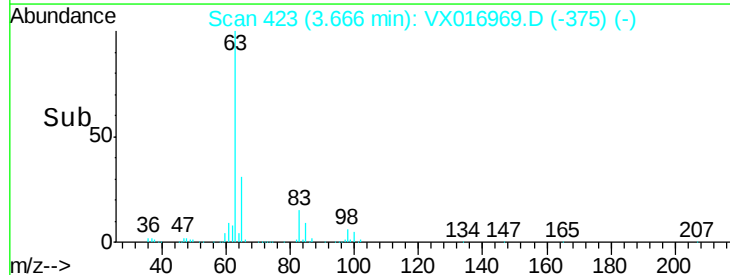
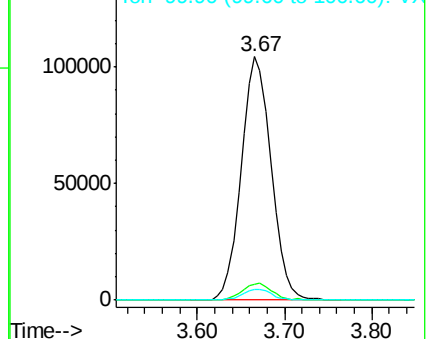
100 4.6 2.1 6.3

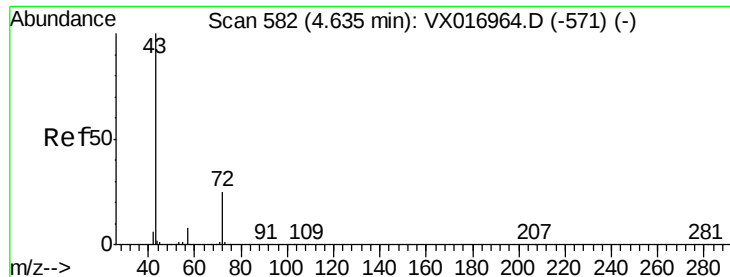


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 216.246 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

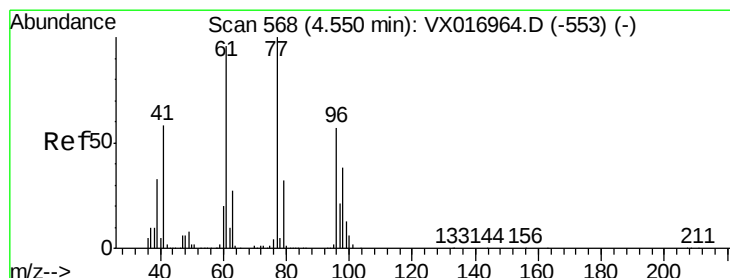
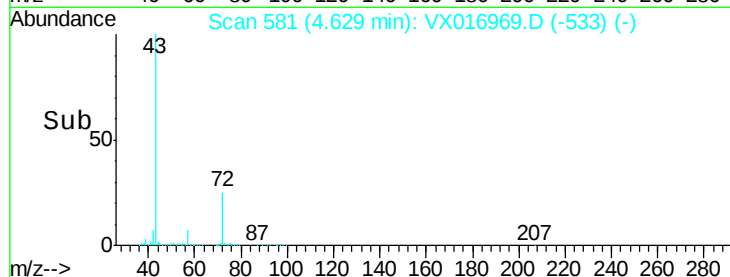
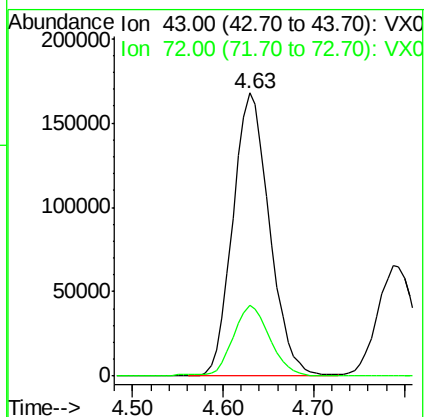
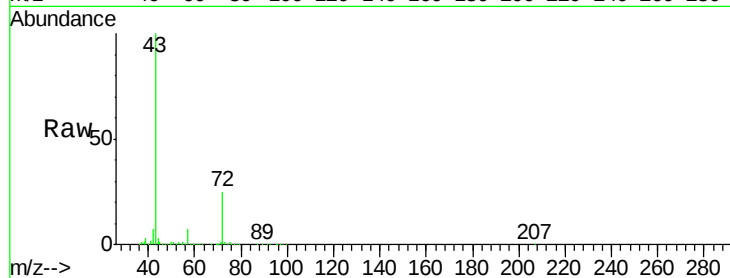
ClientSampleId :

Tot Ion: 43 Resp: 467762

Ion Ratio Lower Upper

43 100

72 25.0 20.0 30.0



#26

2,2-Dichloropropane

Concen: 51.189 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX016969.D

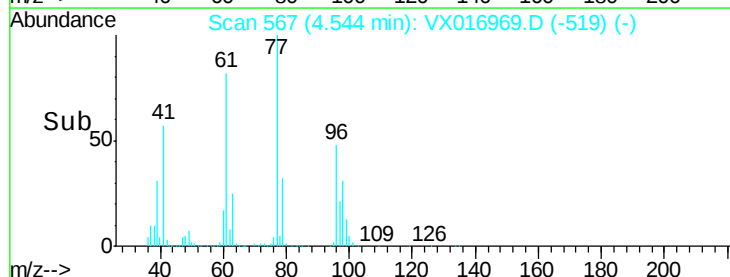
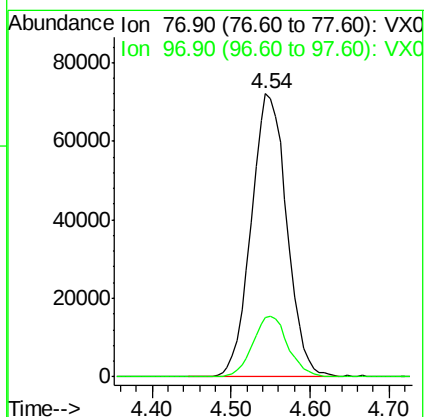
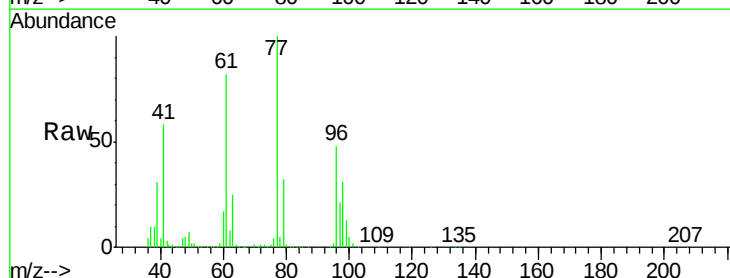
Acq: 26 Jun 2020 09:26

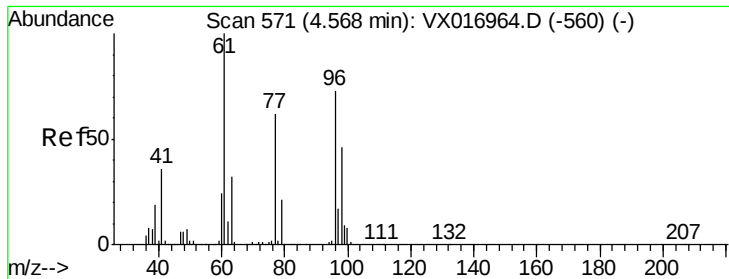
Tgt Ion: 77 Resp: 225956

Ion Ratio Lower Upper

77 100

97 21.3 11.2 33.5



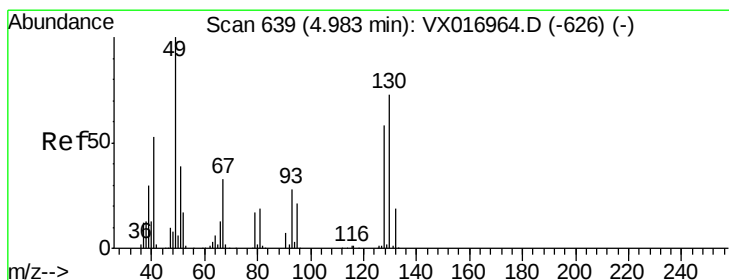
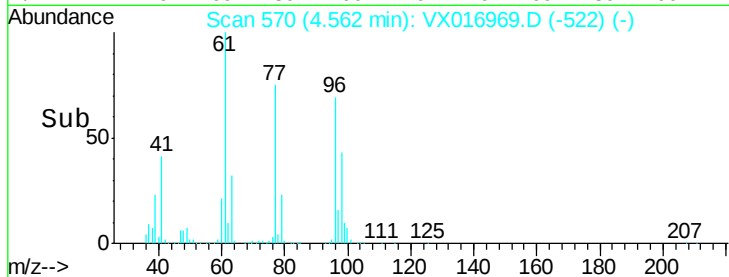
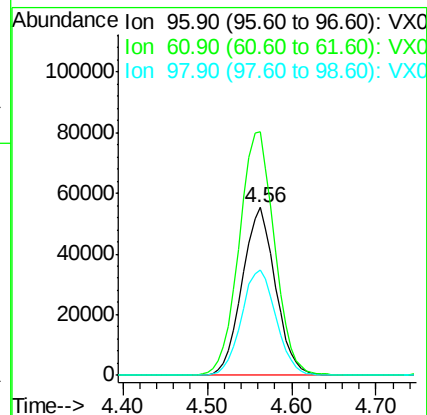
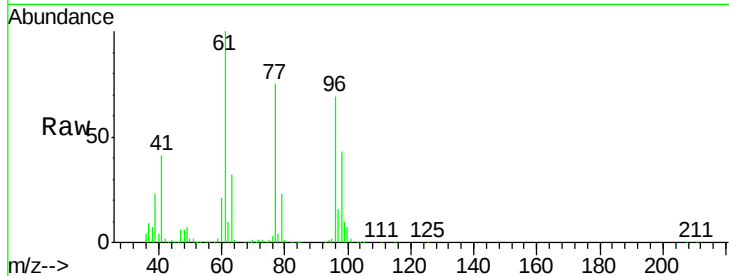


#27

cis-1,2-Dichloroethene
Concen: 44.578 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Instrument :
MSVOA_X
ClientSampled :

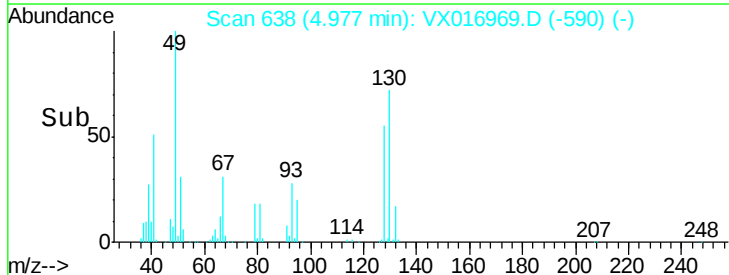
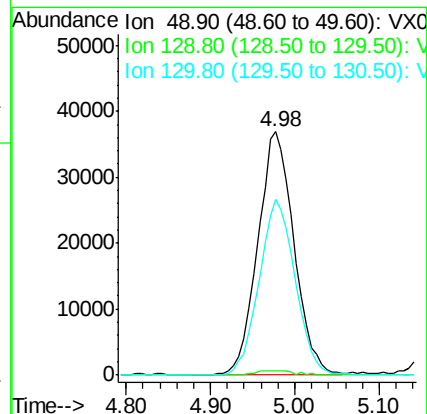
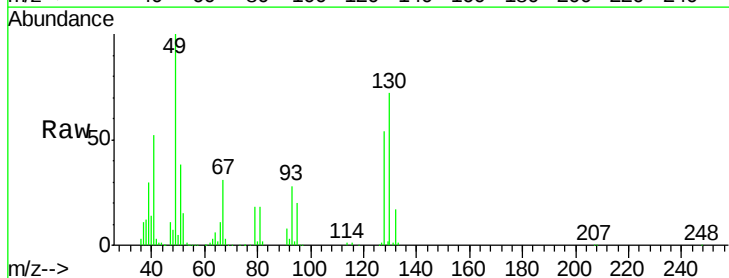
Tot Ion: 96 Resp: 148324
Ion Ratio Lower Upper
96 100
61 154.6 0.0 307.2
98 65.1 0.0 128.4

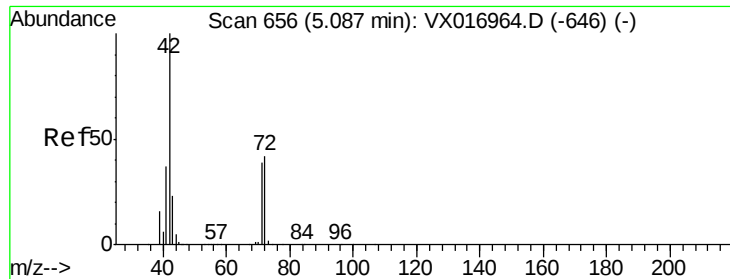


#28

Bromochloromethane
Concen: 42.633 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion: 49 Resp: 108713
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.4
130 71.9 58.7 88.1

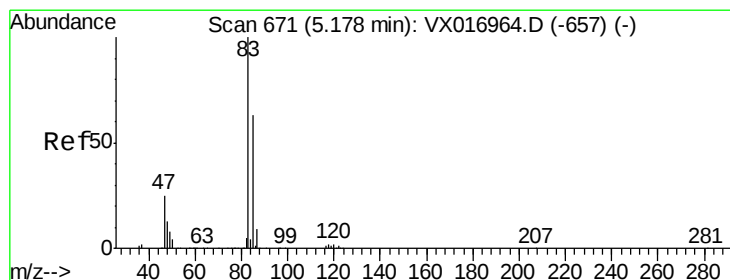
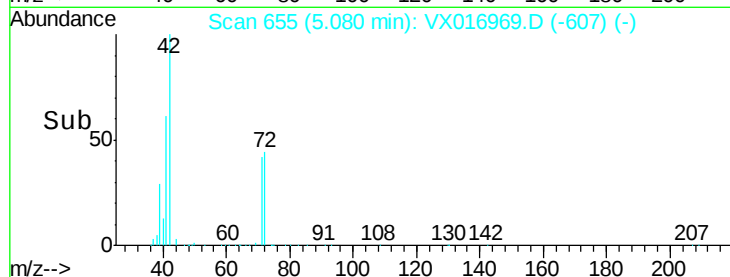
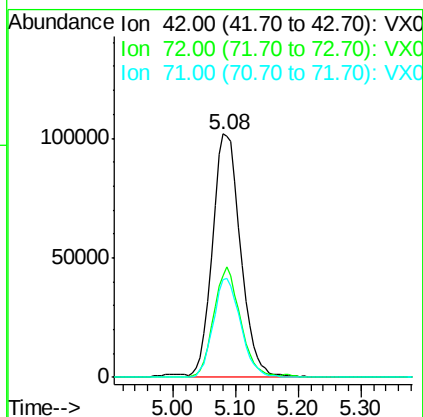
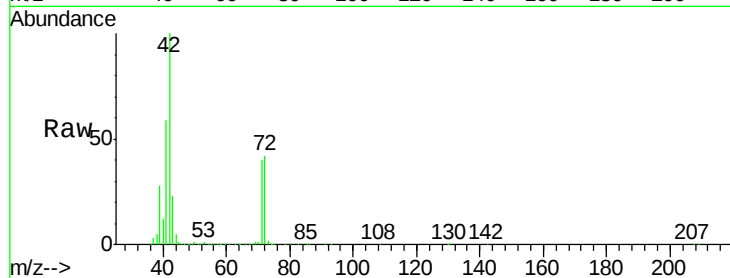




#29
Tetrahydrofuran
Concen: 221.332 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

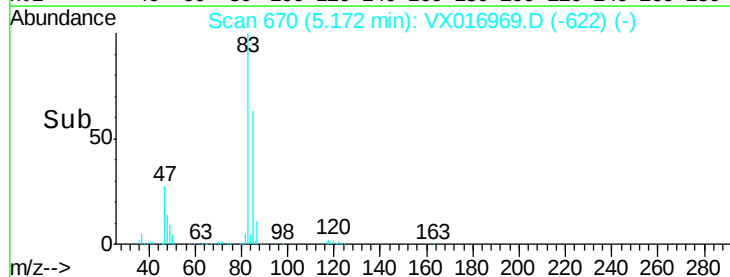
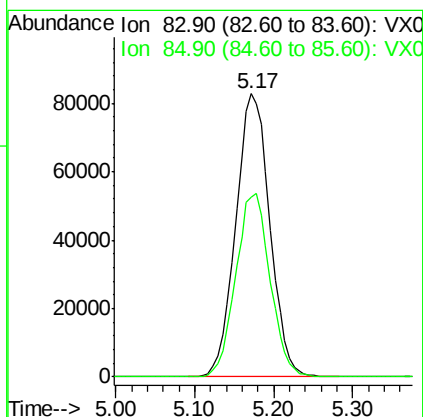
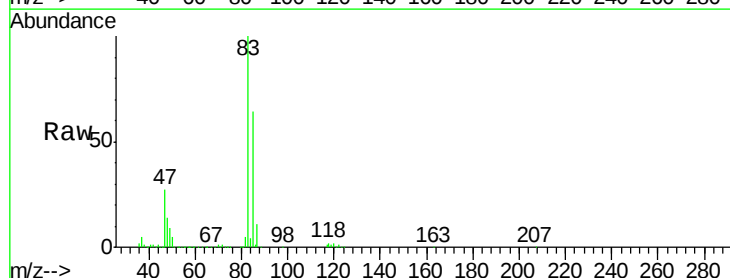
Instrument :
MSVOA_X
ClientSampled :

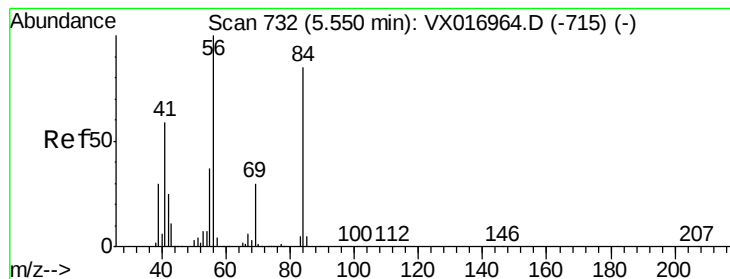
Tot Ion: 42 Resp: 314733
Ion Ratio Lower Upper
42 100
72 43.7 34.1 51.1
71 39.9 32.1 48.1



#30
Chloroform
Concen: 45.336 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion: 83 Resp: 248466
Ion Ratio Lower Upper
83 100
85 63.5 50.7 76.1





#31

Cyclohexane

Concen: 48.084 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampled :

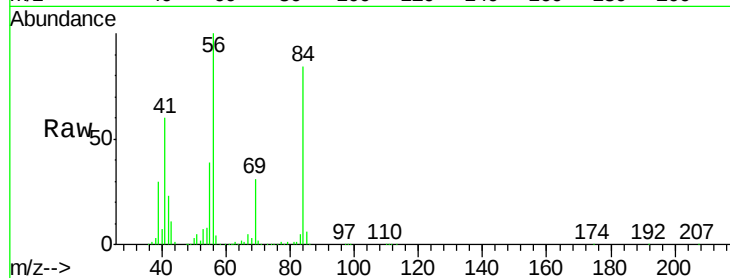
Tot Ion: 56 Resp: 219190

Ion Ratio Lower Upper

56 100

69 31.3 23.6 35.4

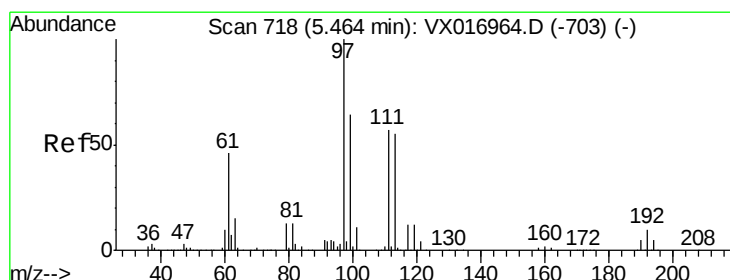
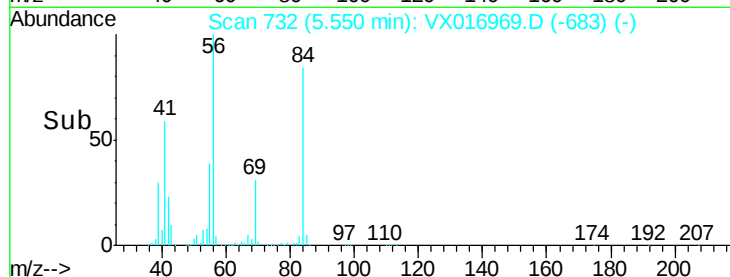
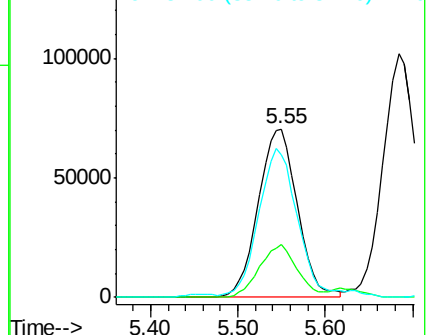
84 82.8 67.8 101.8



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: 46.176 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

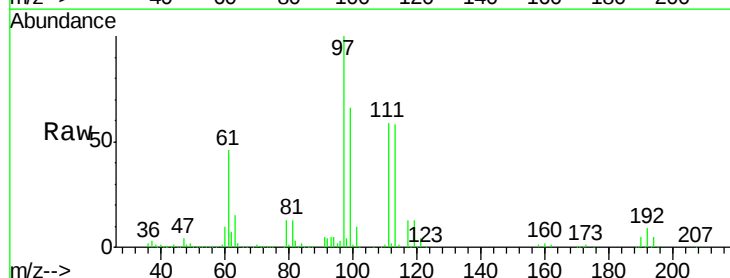
Tgt Ion: 97 Resp: 226724

Ion Ratio Lower Upper

97 100

99 64.7 51.4 77.2

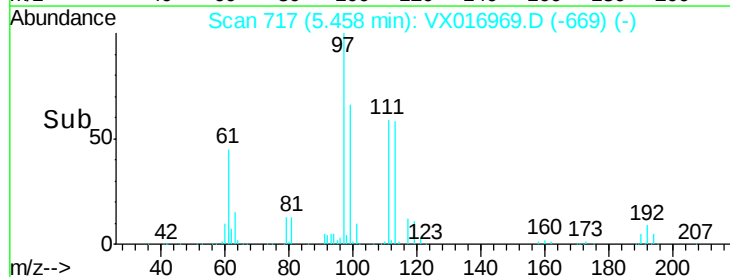
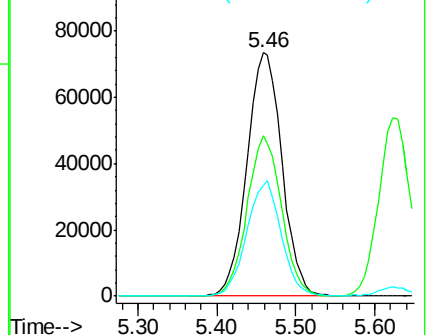
61 46.6 37.0 55.4

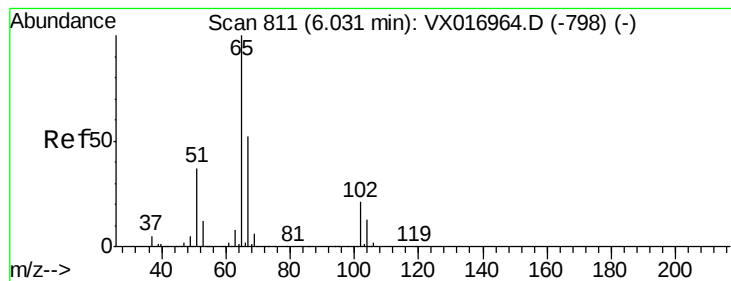


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 45.647 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

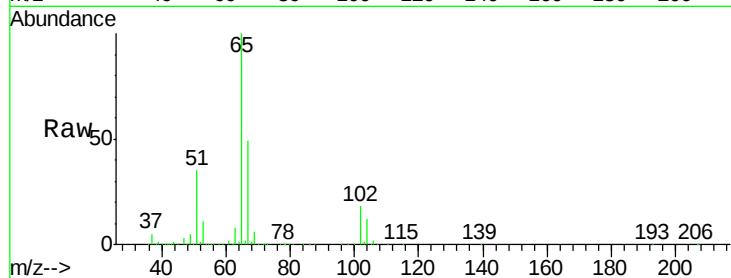
ClientSampleId :

Tot Ion: 65 Resp: 165736

Ion Ratio Lower Upper

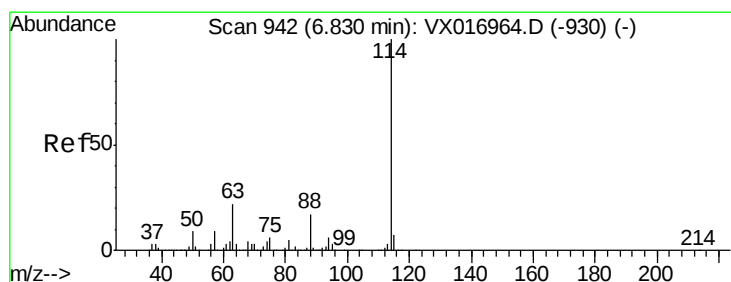
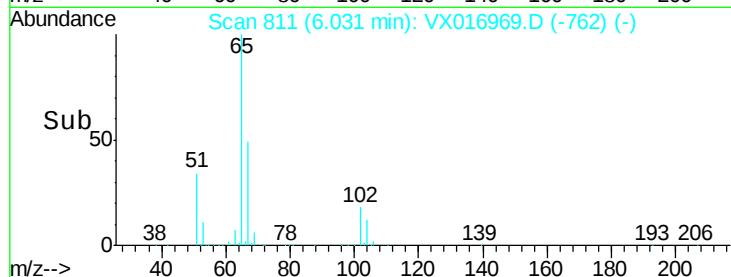
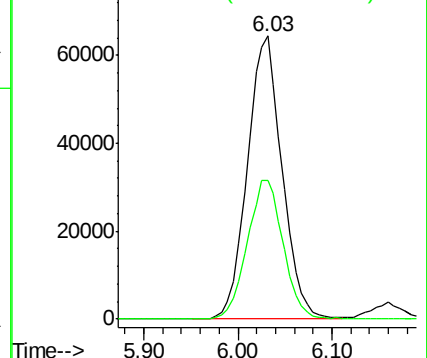
65 100

67 50.8 0.0 102.8



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: VX016969.D

Acq: 26 Jun 2020 09:26

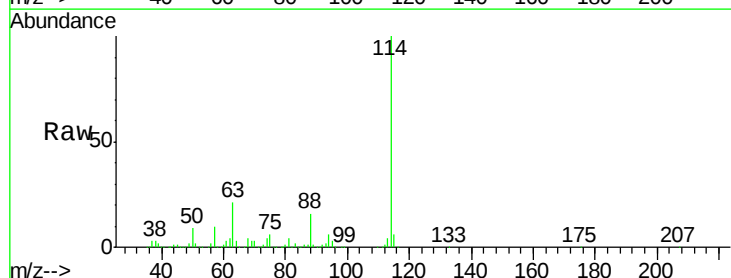
Tgt Ion: 114 Resp: 403165

Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.4

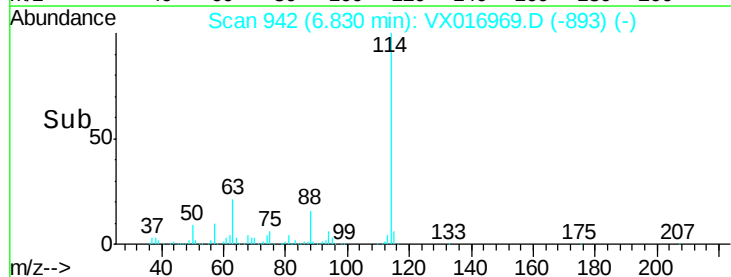
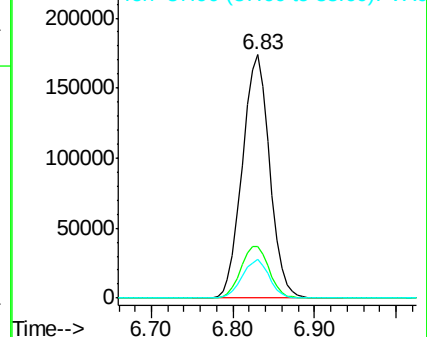
88 16.1 0.0 33.2

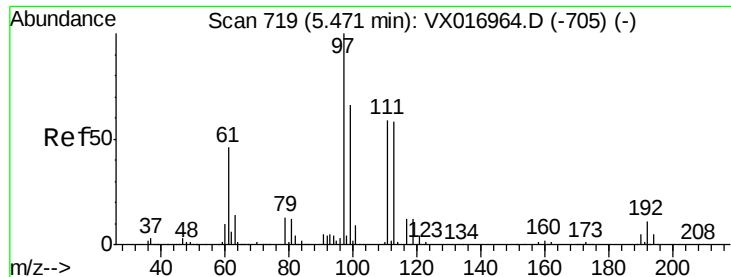


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

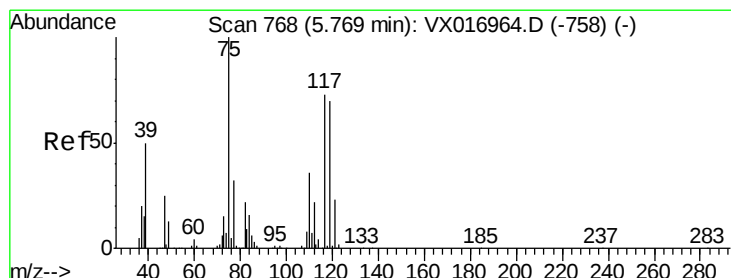
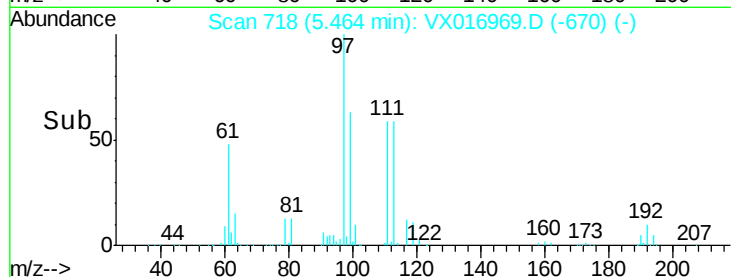
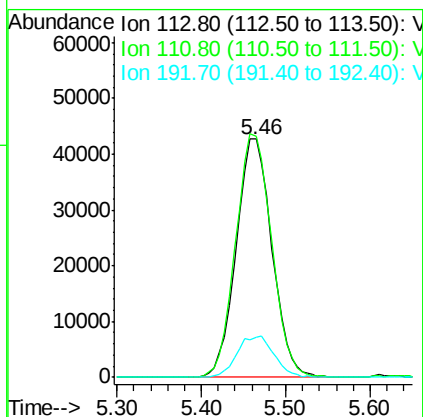
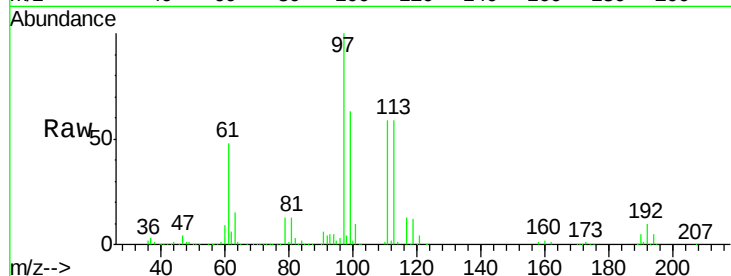




#35
Dibromofluoromethane
Concen: 46.069 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

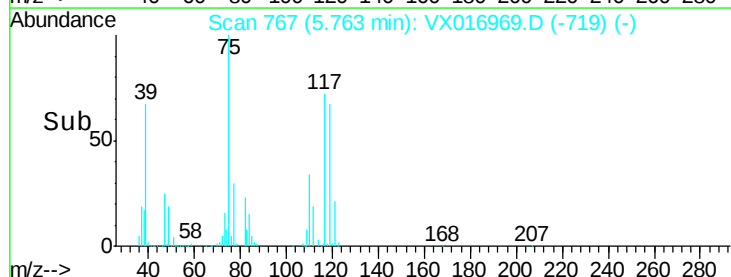
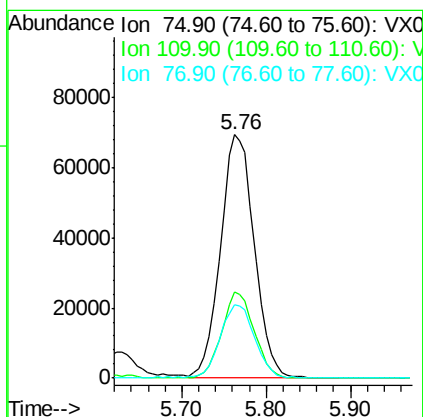
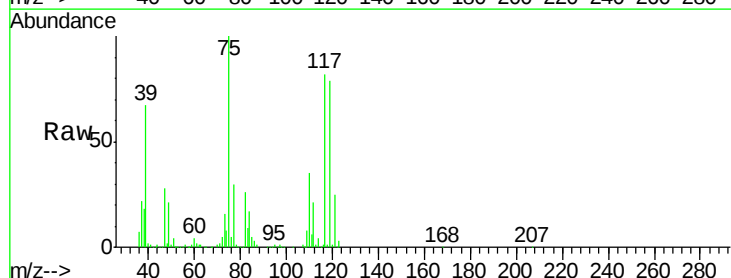
Instrument :
MSVOA_X
ClientSampled :

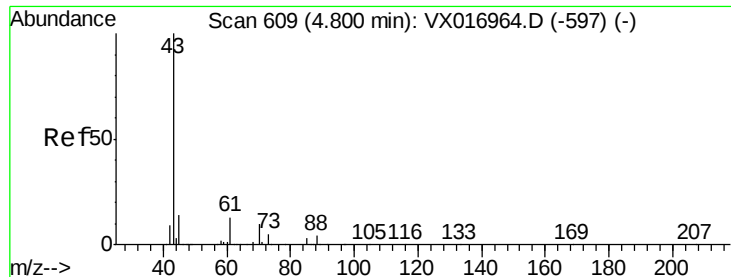
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	84.3	126.5
192	18.2	15.2	22.8



#36
1,1-Dichloropropene
Concen: 47.444 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.3	17.2	51.6
77	30.9	24.7	37.1

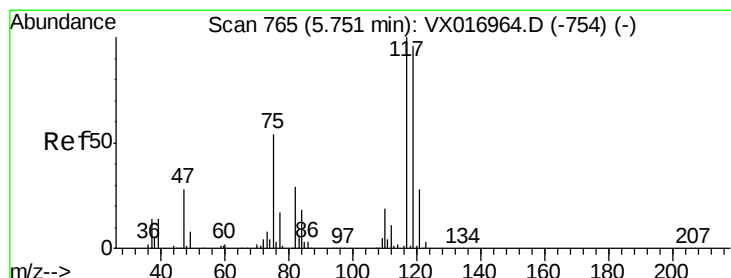
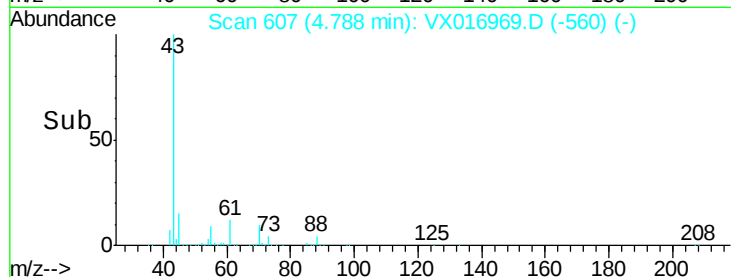
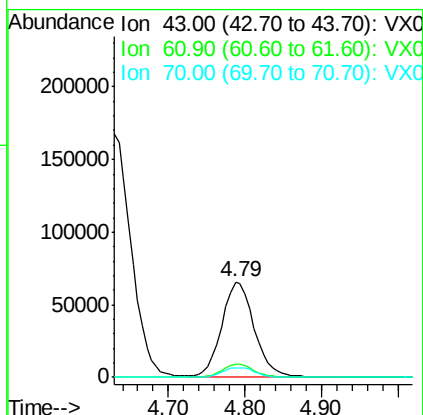
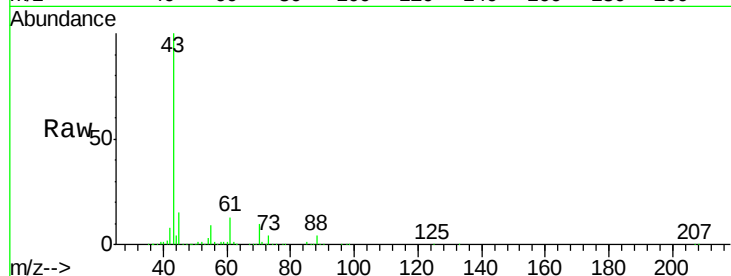




#37
Ethyl Acetate
Concen: 44.668 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

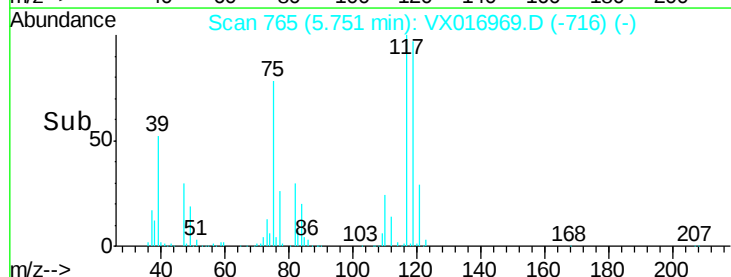
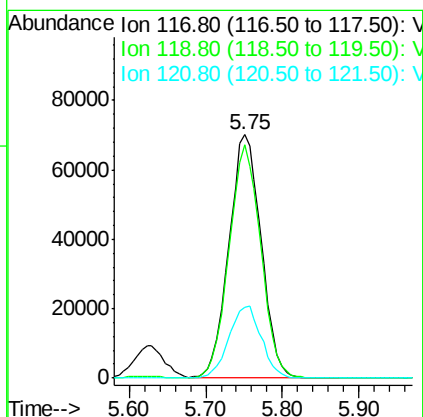
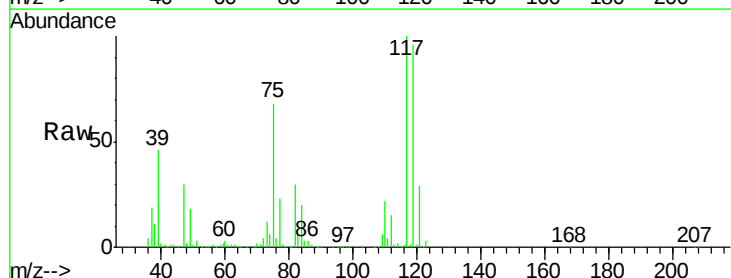
Instrument :
MSVOA_X
ClientSampleId :

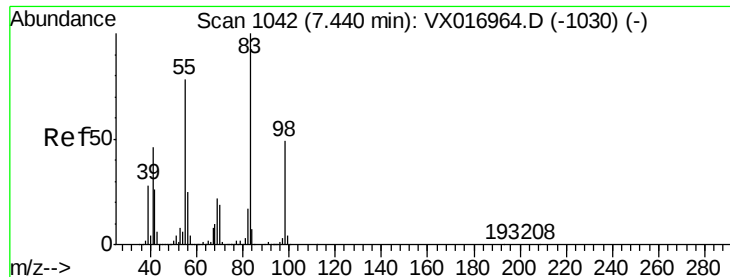
Tot Ion: 43 Resp: 191632
Ion Ratio Lower Upper
43 100
61 13.3 10.8 16.2
70 10.5 8.0 12.0



#38
Carbon Tetrachloride
Concen: 48.487 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion: 117 Resp: 204853
Ion Ratio Lower Upper
117 100
119 95.7 76.6 114.8
121 29.3 22.5 33.7

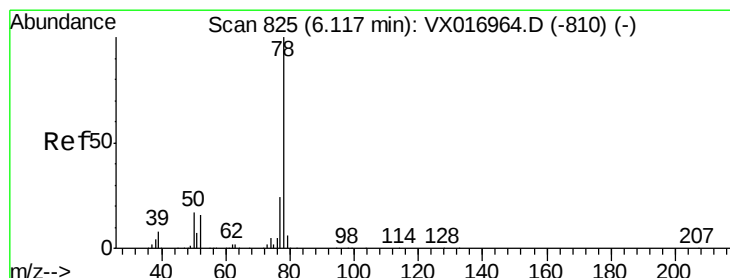
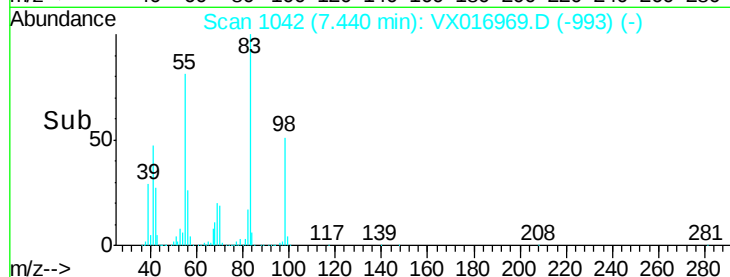
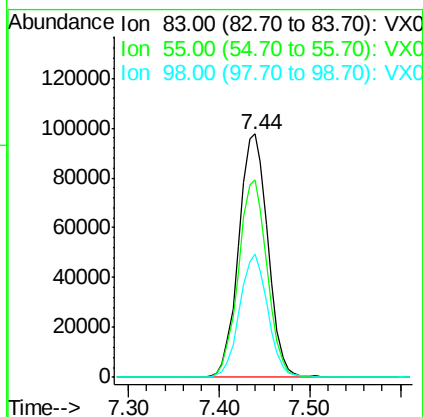
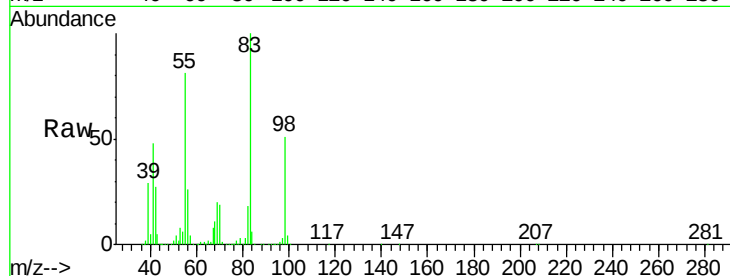




#39
Methvlcvclohexane
Concen: 50.336 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

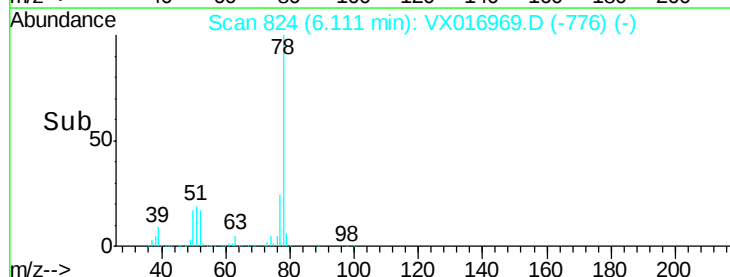
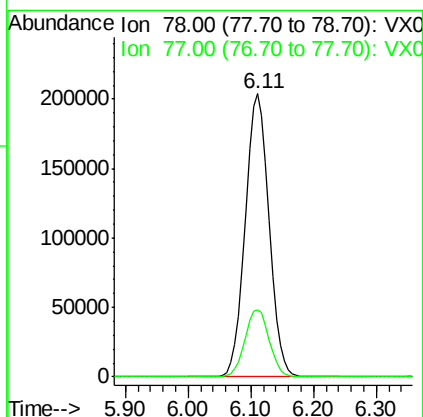
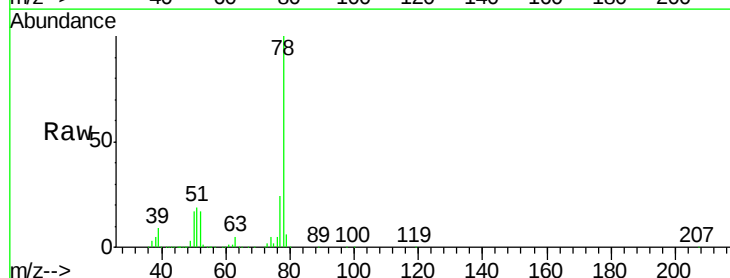
Instrument :
MSVOA_X
ClientSampleId :

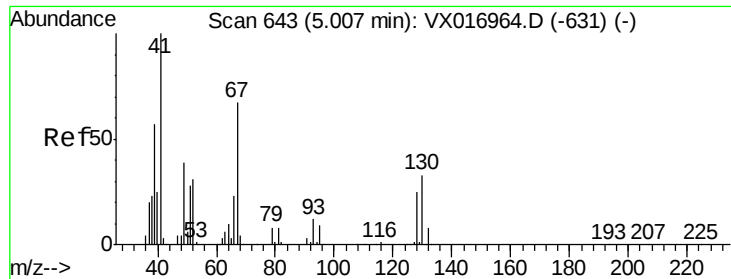
Tot Ion: 83 Resp: 217444
Ion Ratio Lower Upper
83 100
55 81.1 62.4 93.6
98 50.9 39.4 59.0



#40
Benzene
Concen: 46.510 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion: 78 Resp: 534690
Ion Ratio Lower Upper
78 100
77 23.9 18.9 28.3





#41

Methacrylonitrile

Concen: 44.175 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 105607

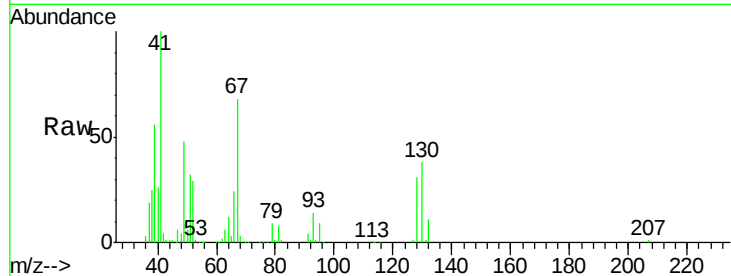
Ion Ratio Lower Upper

41 100

39 58.8 46.6 70.0

67 69.9 57.0 85.6

52 30.7 25.0 37.4

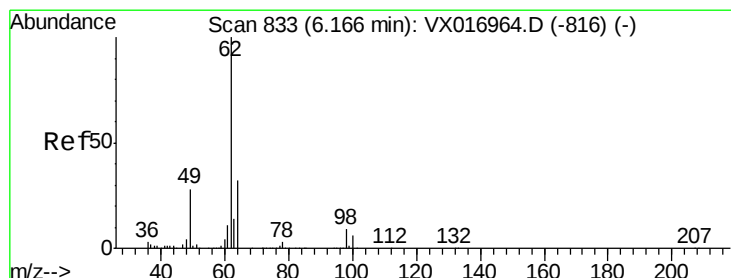
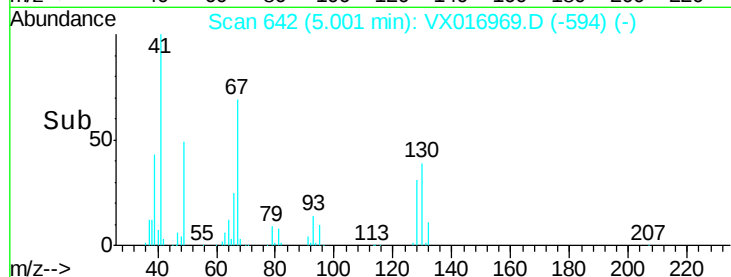
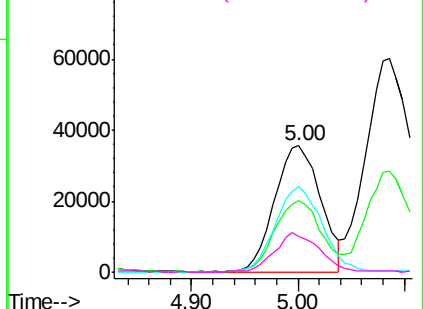


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 46.762 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX016969.D

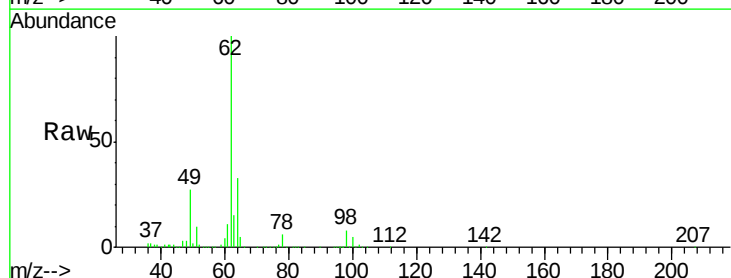
Acq: 26 Jun 2020 09:26

Tgt Ion: 62 Resp: 211216

Ion Ratio Lower Upper

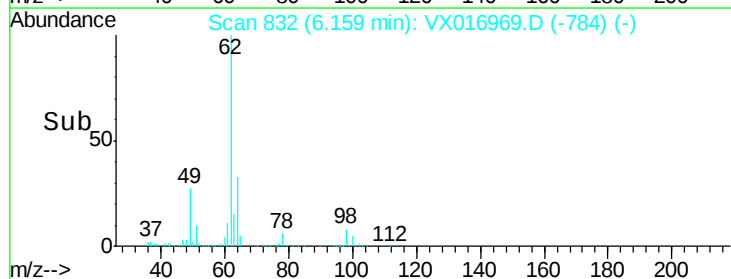
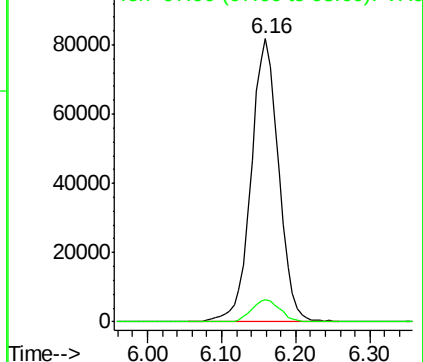
62 100

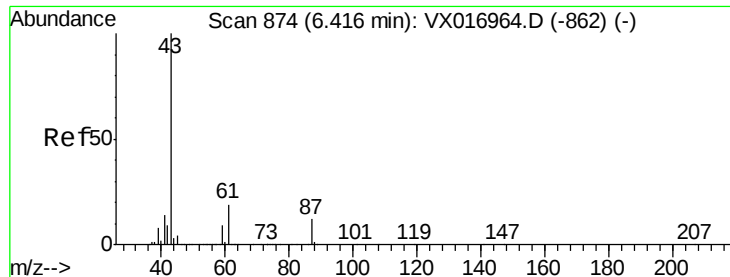
98 8.2 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



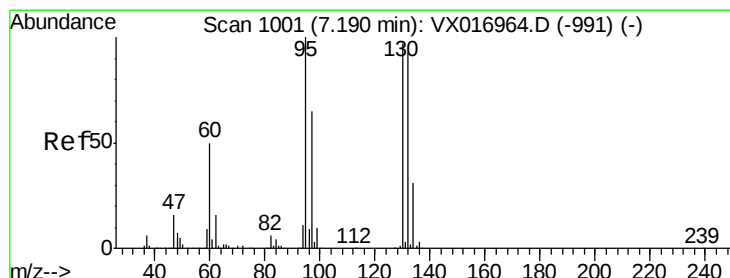
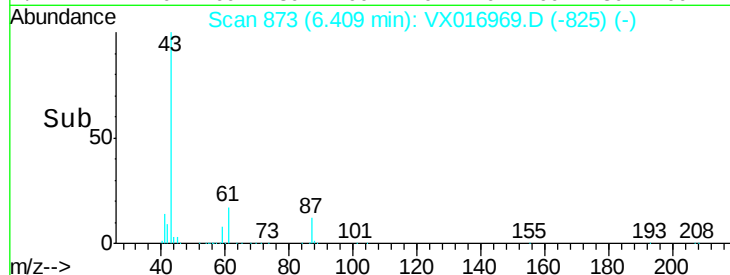
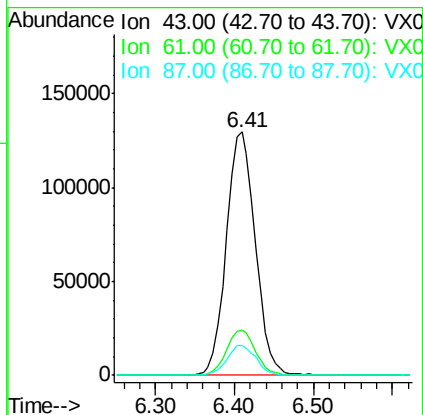
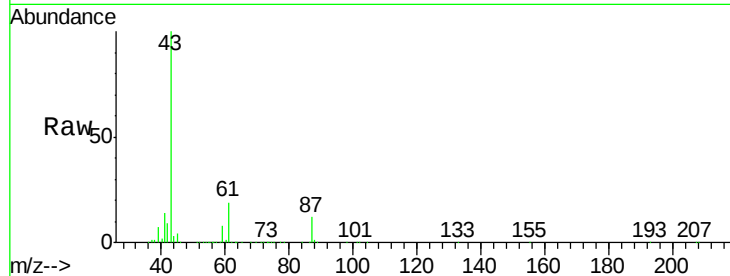


#43

Isopropyl Acetate
 Concen: 45.549 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

Instrument :
 MSVOA_X
 ClientSampleId :

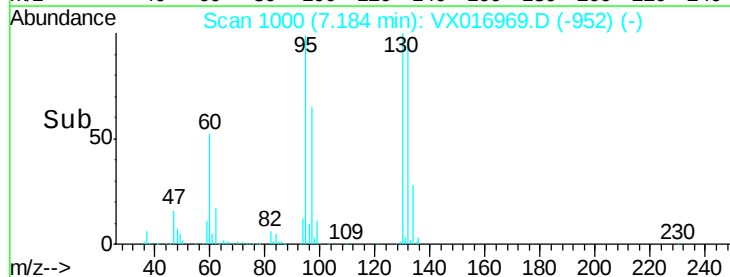
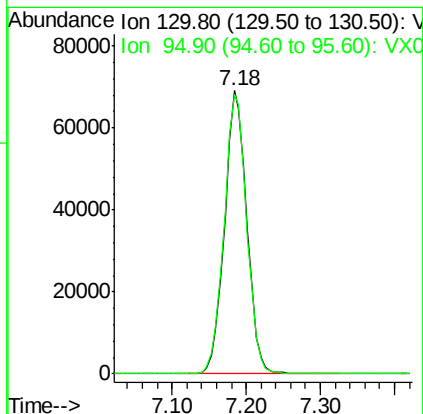
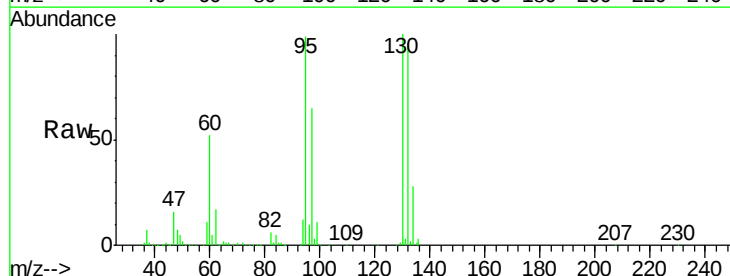
Tot Ion	43	Resp	328745
Ion Ratio	Lower	Upper	
43	100		
61	18.6	15.0	22.6
87	12.4	10.0	15.0

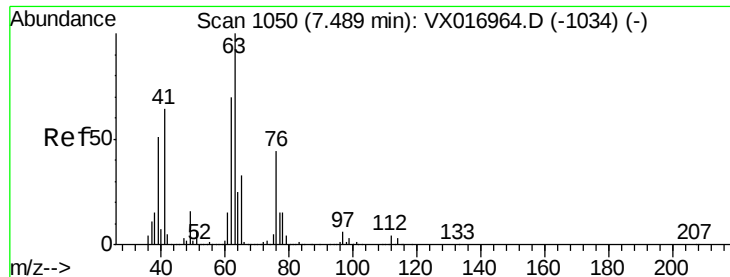


#44

Trichloroethene
 Concen: 47.099 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

Tgt Ion	130	Resp	144139
Ion Ratio	Lower	Upper	
130	100		
95	98.6	0.0	206.6





#45

1,2-Dichloropropane

Concen: 45.338 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

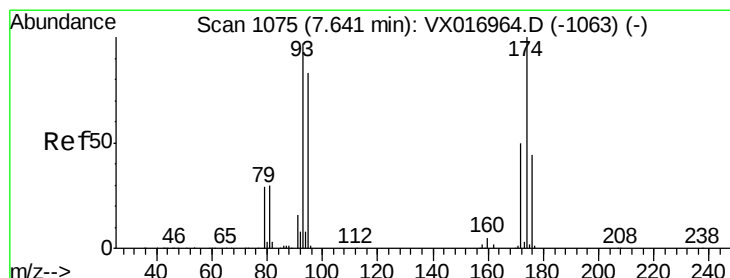
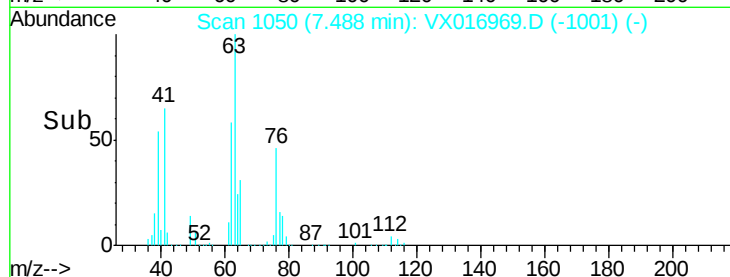
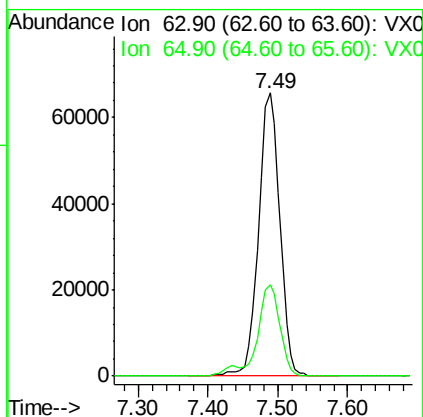
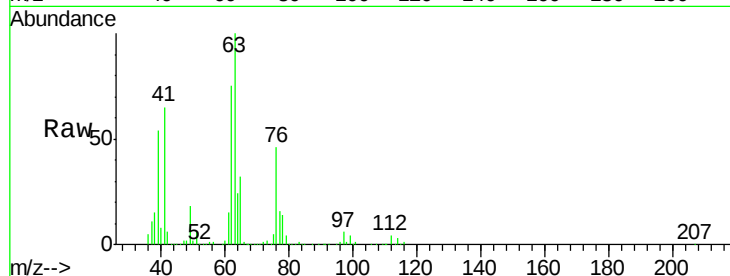
ClientSampleId :

Tot Ion: 63 Resp: 139342

Ion Ratio Lower Upper

63 100

65 32.3 26.1 39.1



#46

Dibromomethane

Concen: 45.887 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

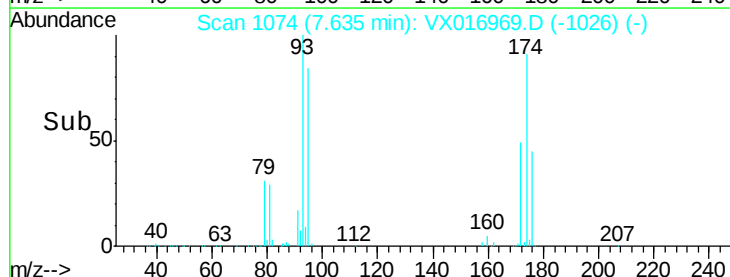
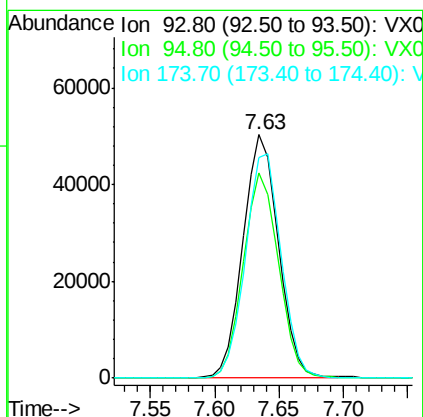
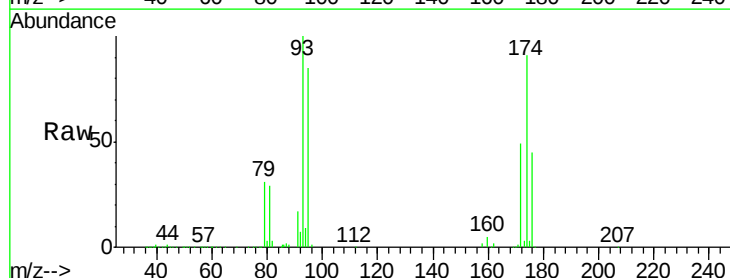
Tgt Ion: 93 Resp: 95808

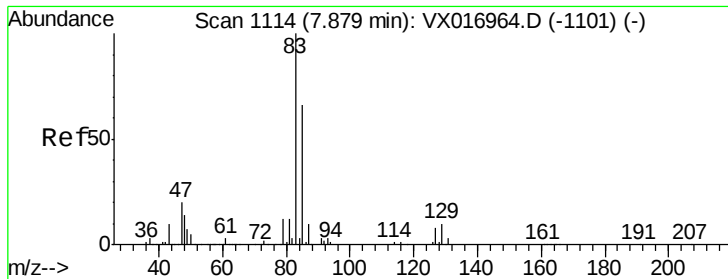
Ion Ratio Lower Upper

93 100

95 83.7 67.5 101.3

174 93.1 75.0 112.4





#47

Bromodichloromethane

Concen: 46.389 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :
MSVOA_X
ClientSampled :

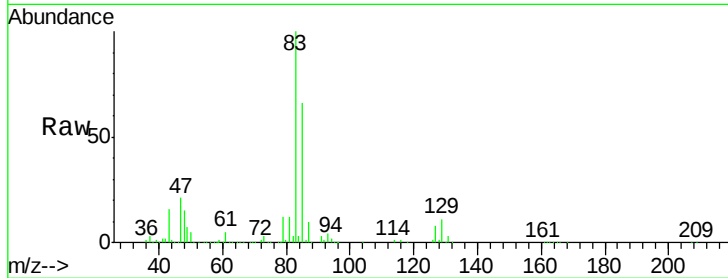
Tot Ion: 83 Resp: 202581

Ion Ratio Lower Upper

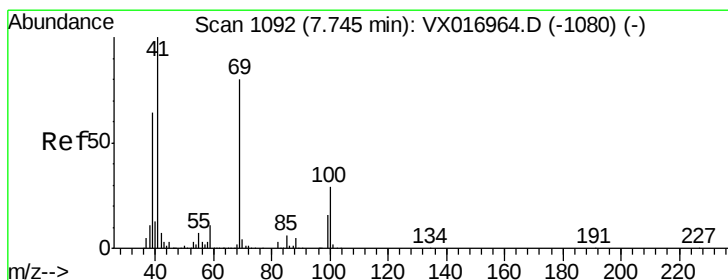
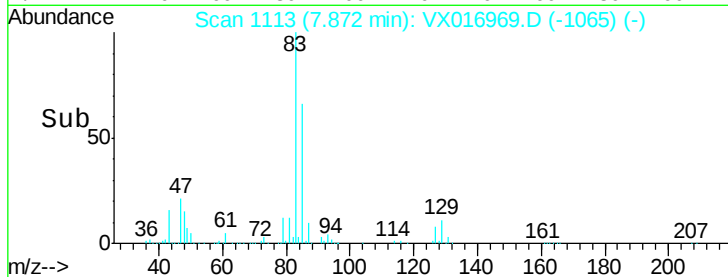
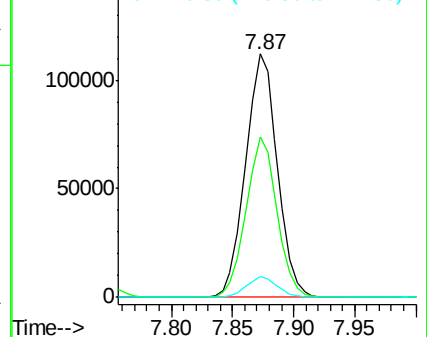
83 100

85 65.9 53.1 79.7

127 8.5 6.8 10.2



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: 47.448 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

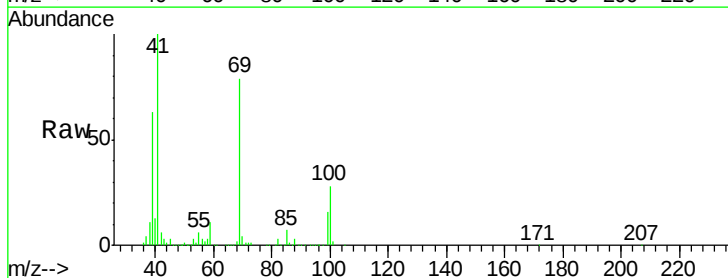
Tgt Ion: 41 Resp: 159914

Ion Ratio Lower Upper

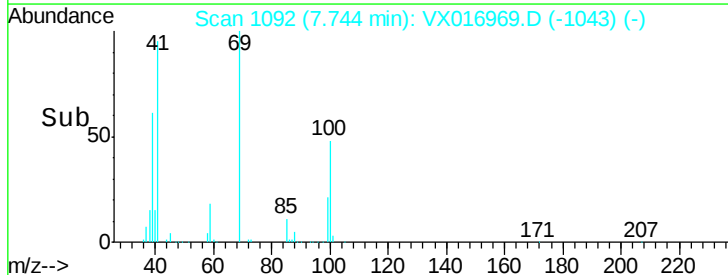
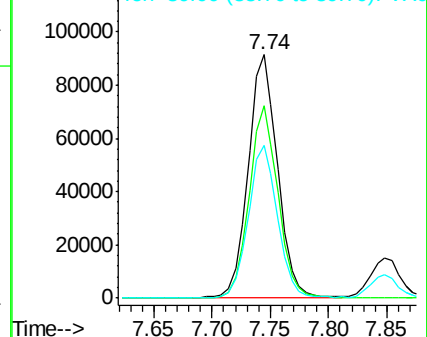
41 100

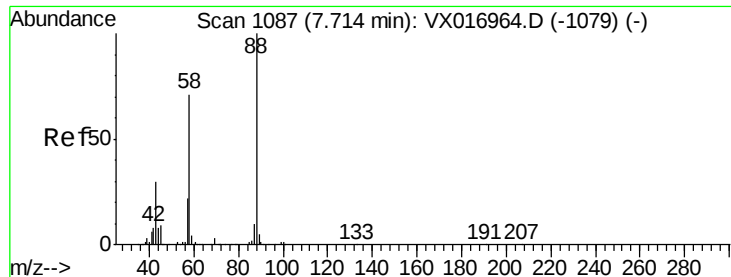
69 78.1 62.7 94.1

39 62.5 49.6 74.4



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: 917.518 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :
MSVOA_X
ClientSampleId :

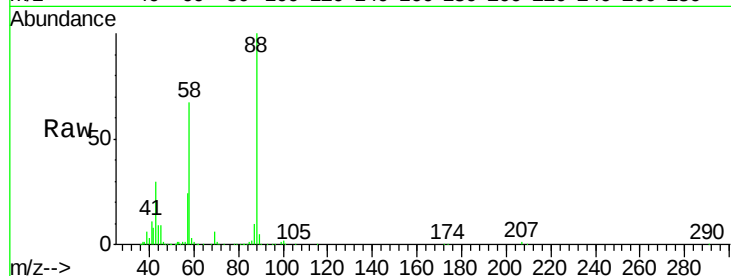
Tot Ion: 88 Resp: 64322

Ion Ratio Lower Upper

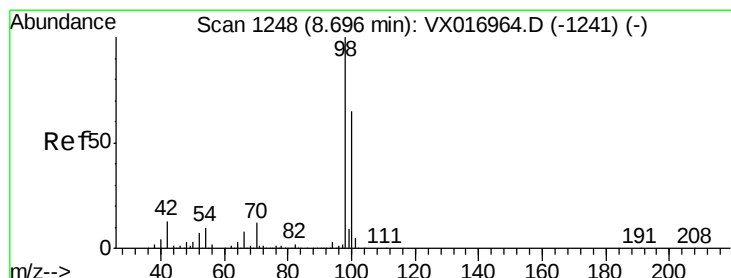
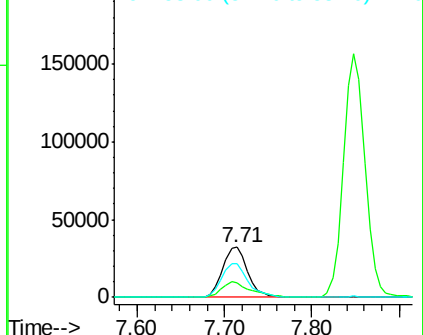
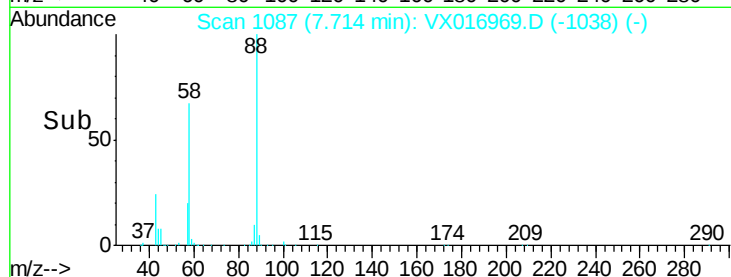
88 100

43 36.0 28.1 42.1

58 71.0 56.1 84.1



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: 46.991 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016969.D

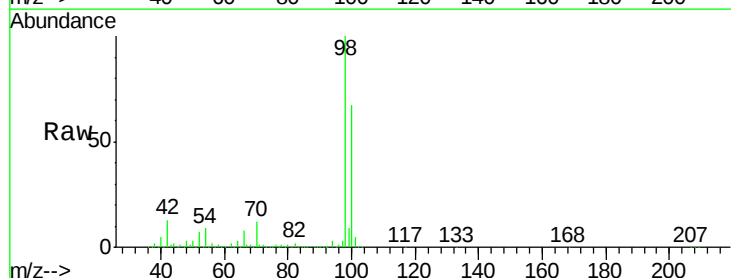
Acq: 26 Jun 2020 09:26

Tgt Ion: 98 Resp: 458664

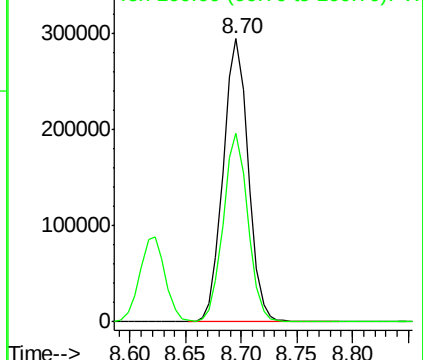
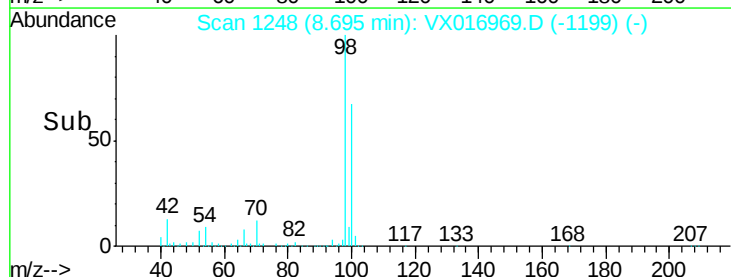
Ion Ratio Lower Upper

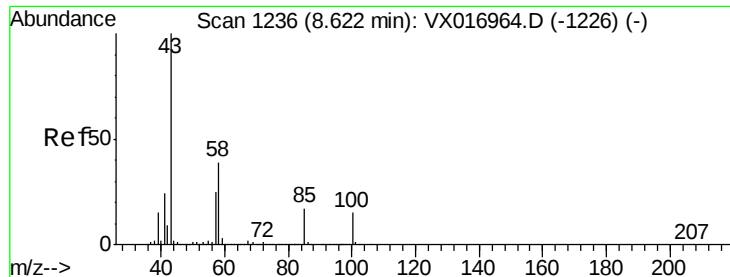
98 100

100 65.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 231.169 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

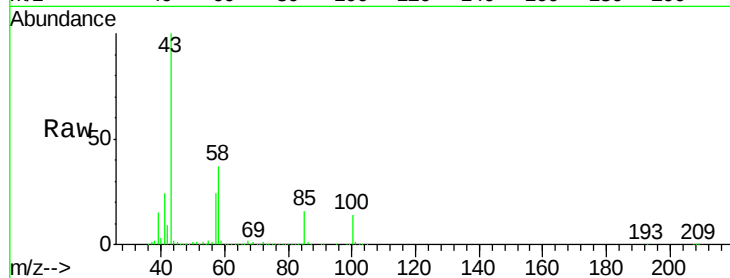
ClientSampleId :

Tot Ion: 43 Resp: 954873

Ion Ratio Lower Upper

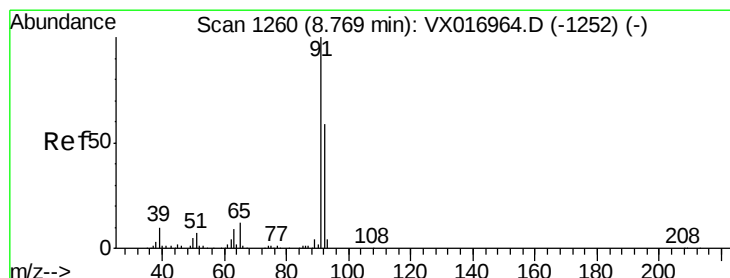
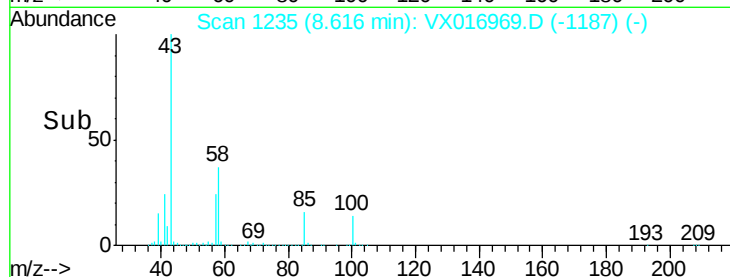
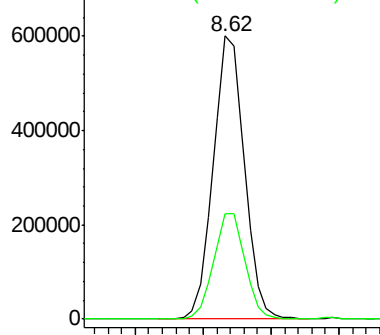
43 100

58 37.7 30.4 45.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 47.204 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016969.D

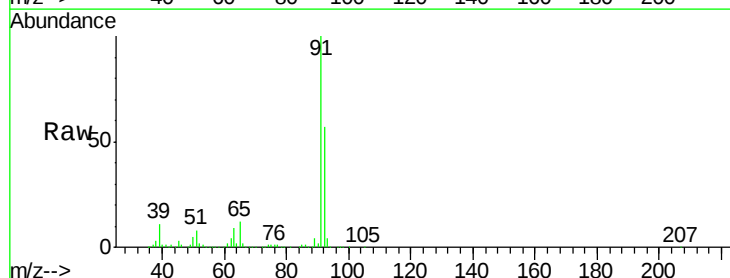
Acq: 26 Jun 2020 09:26

Tgt Ion: 92 Resp: 334475

Ion Ratio Lower Upper

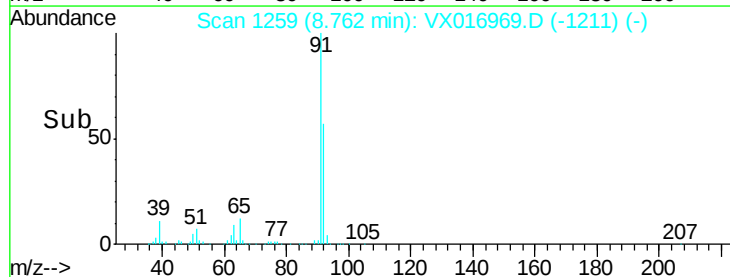
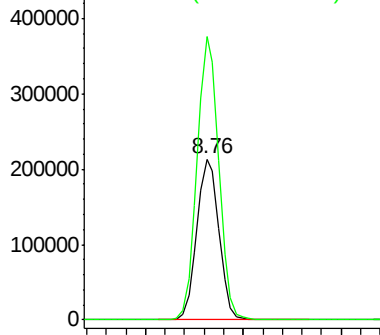
92 100

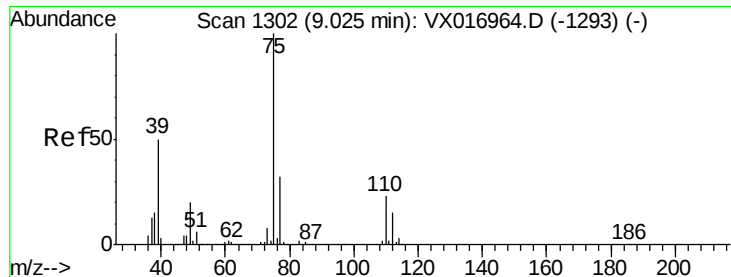
91 173.0 136.7 205.1



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: 48.519 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

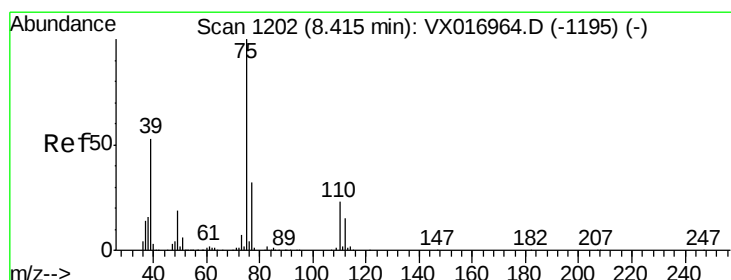
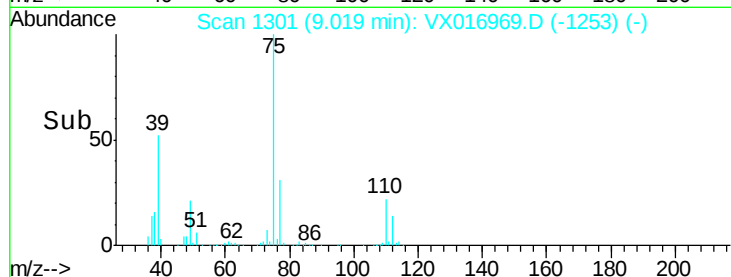
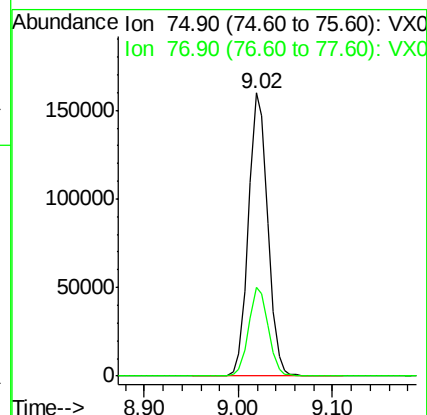
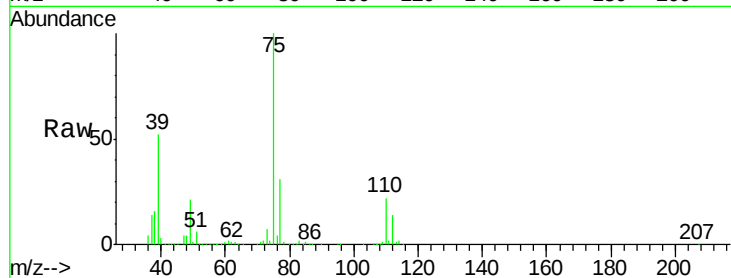
ClientSampleId :

Tot Ion: 75 Resp: 226901

Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 48.276 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

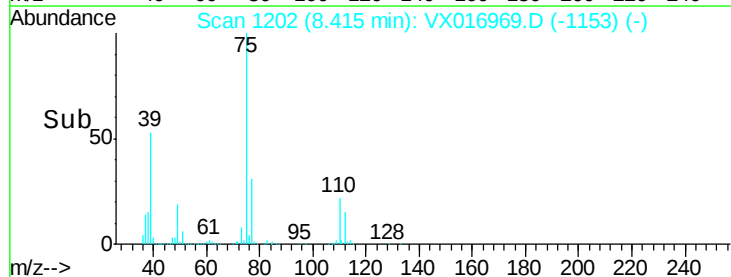
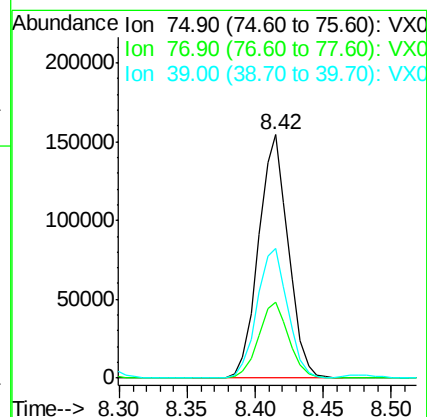
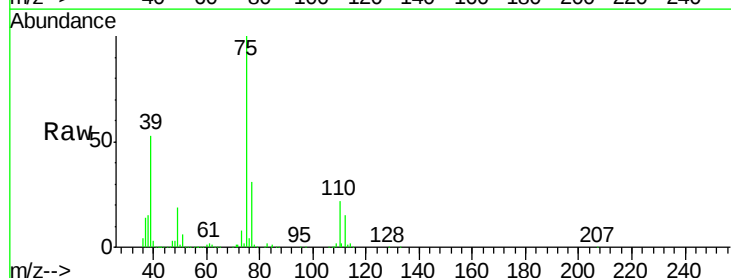
Tgt Ion: 75 Resp: 237328

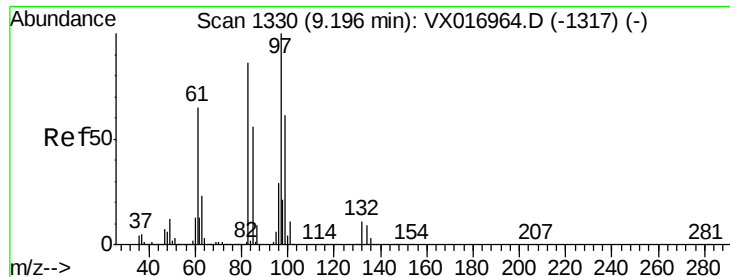
Ion Ratio Lower Upper

75 100

77 31.0 25.7 38.5

39 53.1 42.7 64.1

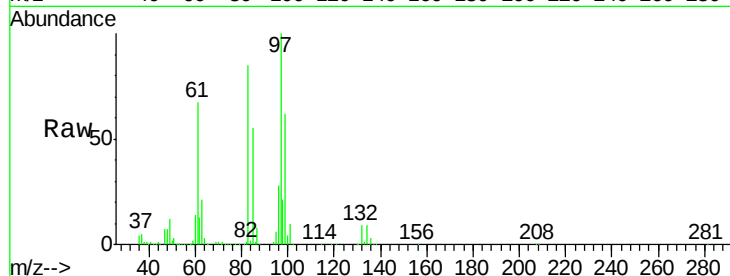




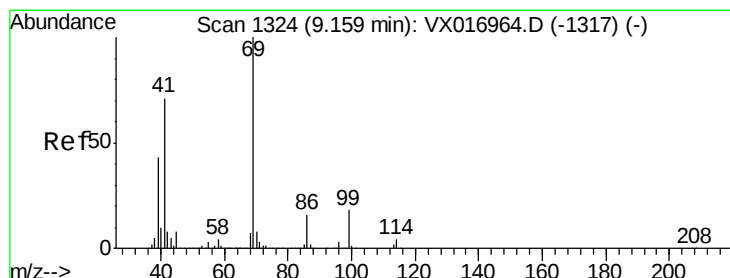
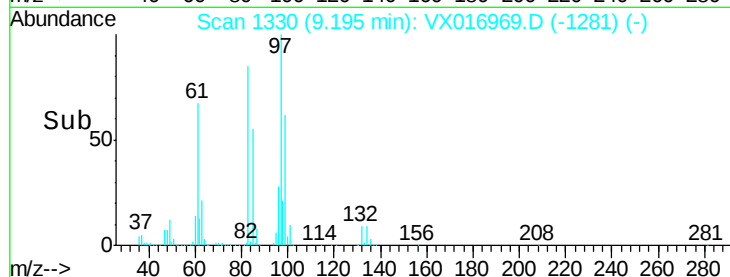
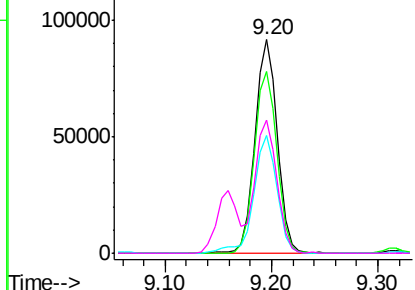
#55
 1,1,2-Trichloroethane
 Concen: 46.261 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 97 Resp: 134690
 Ion Ratio Lower Upper
 97 100
 83 85.0 68.6 103.0
 85 54.9 44.5 66.7
 99 62.5 49.0 73.4

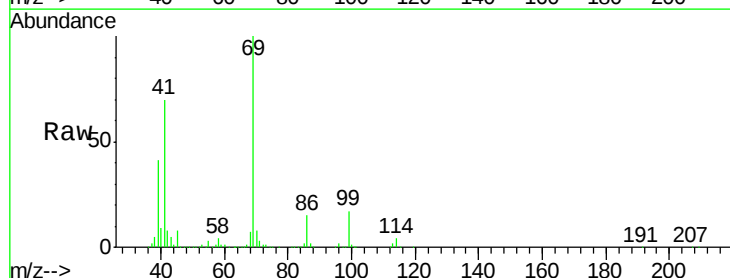


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

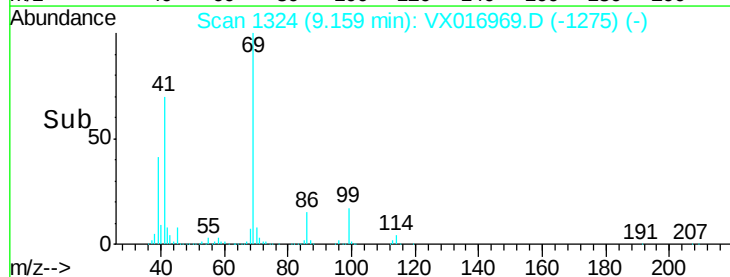
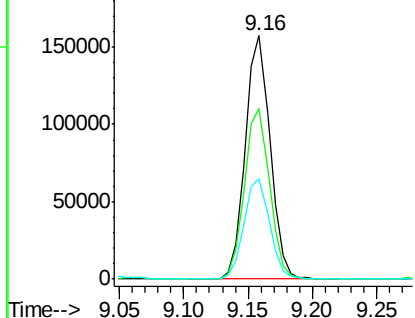


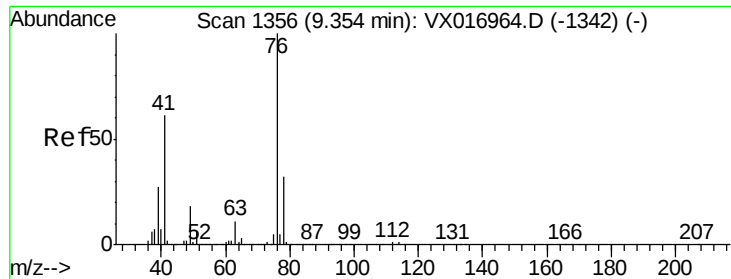
#56
 Ethyl methacrylate
 Concen: 47.976 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

Tgt Ion: 69 Resp: 209345
 Ion Ratio Lower Upper
 69 100
 41 71.3 55.9 83.9
 39 42.6 34.6 51.8



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

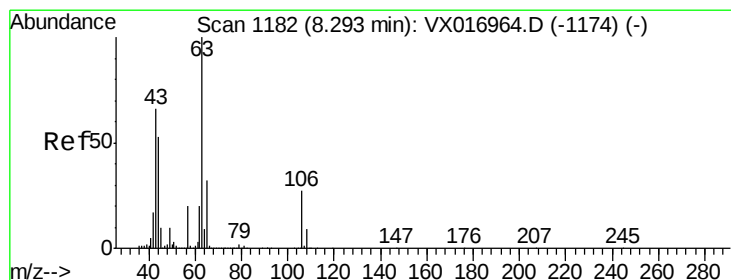
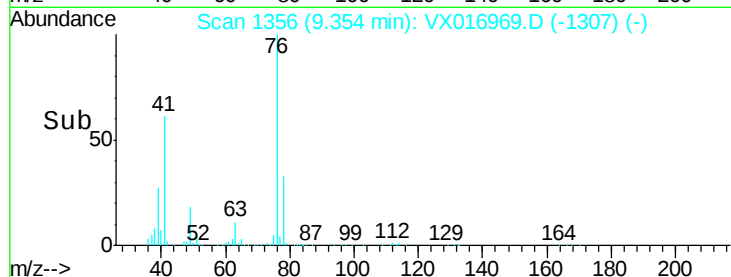
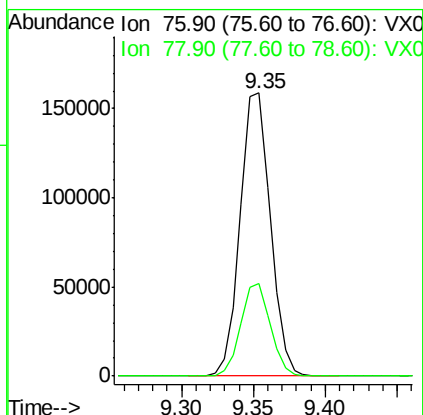
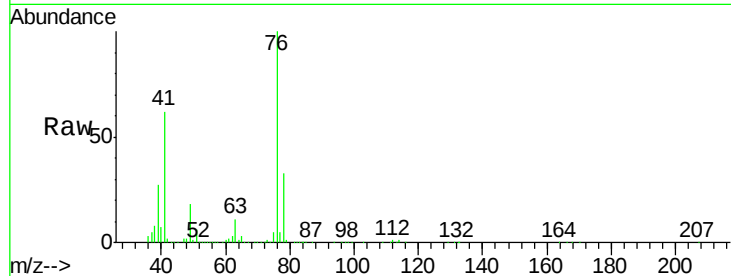




#57
 1,3-Dichloropropane
 Concen: 46.527 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

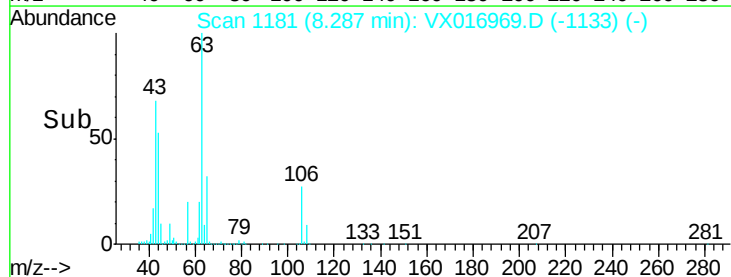
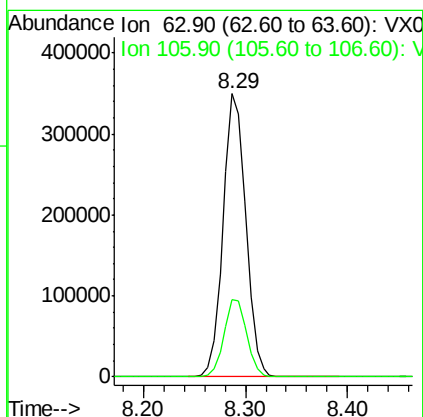
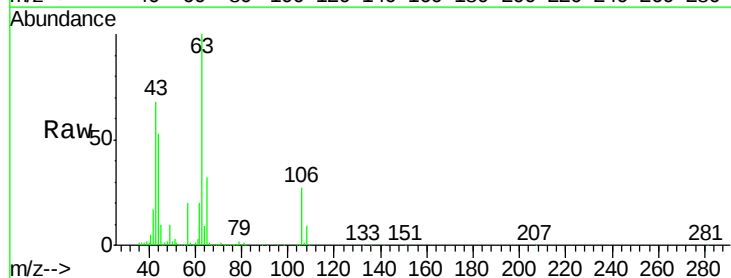
Instrument :
 MSVOA_X
 ClientSampleId :

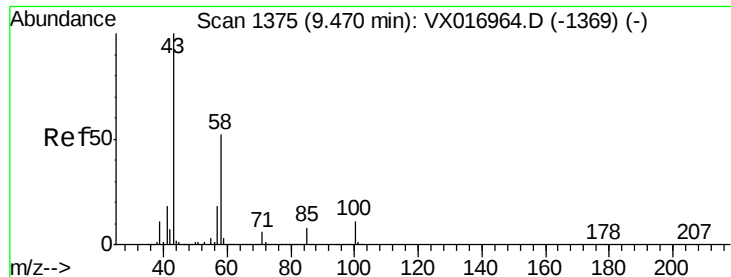
Tot Ion: 76 Resp: 231898
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 239.397 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

Tgt Ion: 63 Resp: 539701
 Ion Ratio Lower Upper
 63 100
 106 27.4 22.1 33.1

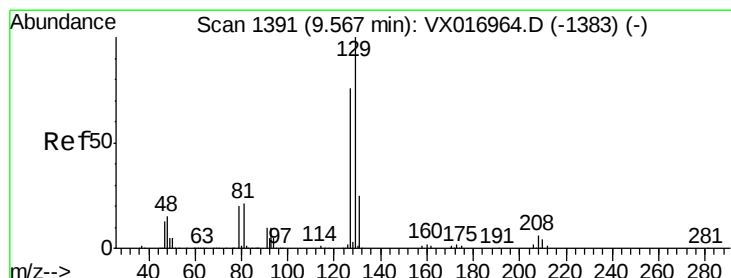
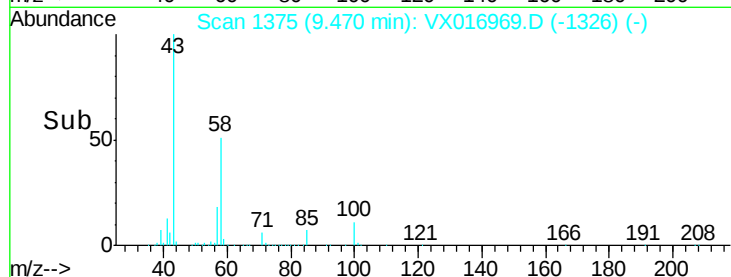
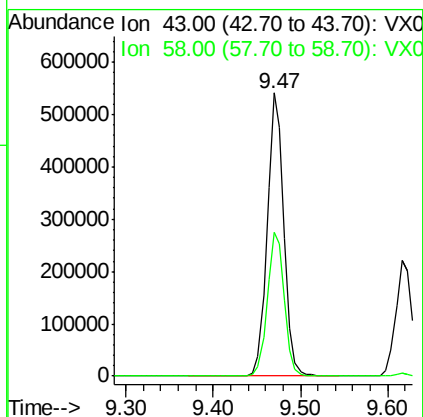
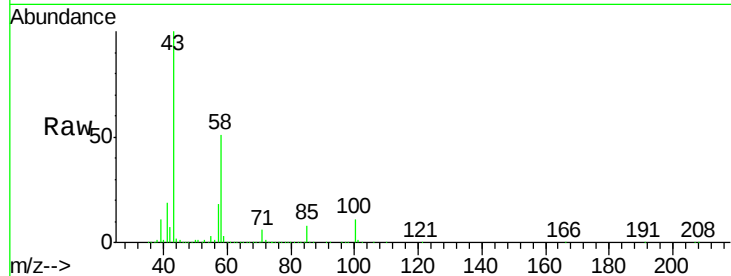




#59
2-Hexanone
Concen: 232.446 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

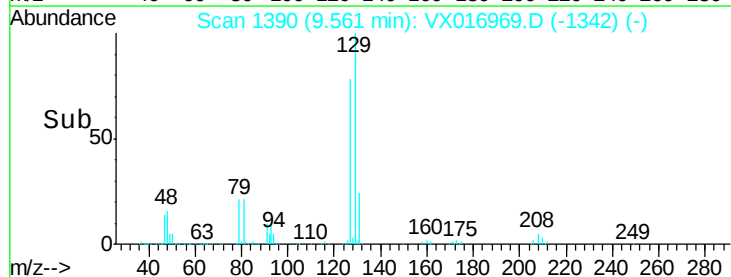
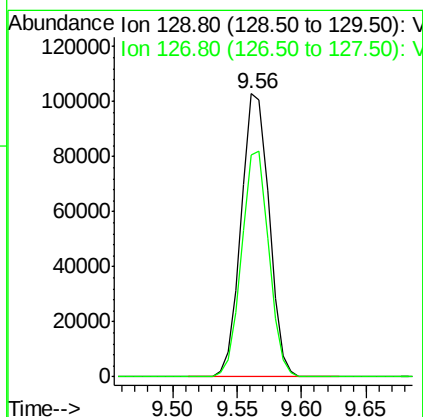
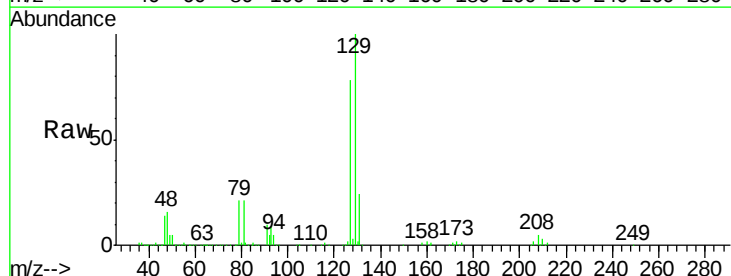
Instrument :
MSVOA_X
ClientSampleId :

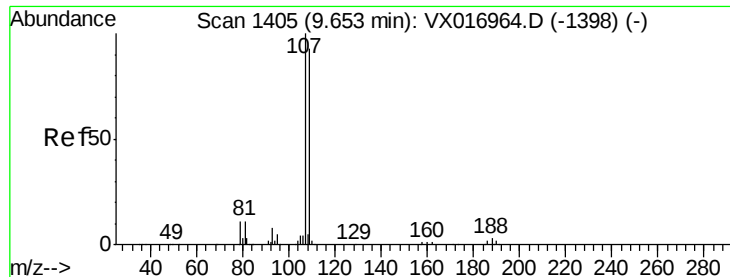
Tot Ion: 43 Resp: 722302
Ion Ratio Lower Upper
43 100
58 52.0 26.3 78.9



#60
Dibromochloromethane
Concen: 46.549 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion: 129 Resp: 154494
Ion Ratio Lower Upper
129 100
127 77.5 38.0 114.0





#61

1,2-Dibromoethane

Concen: 45.429 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

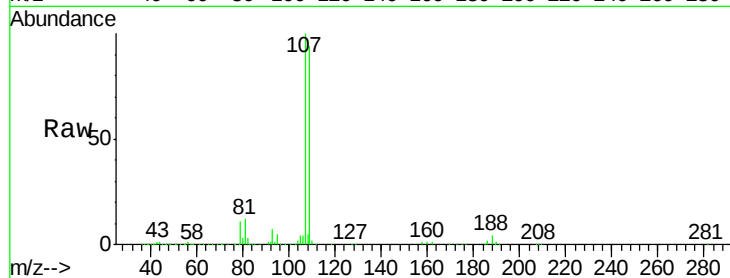
ClientSampled :

Tot Ion:107 Resp: 141223

Ion Ratio Lower Upper

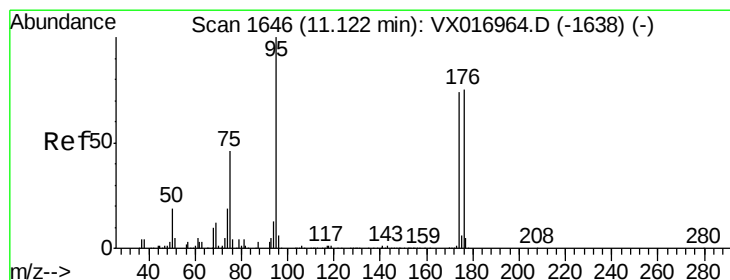
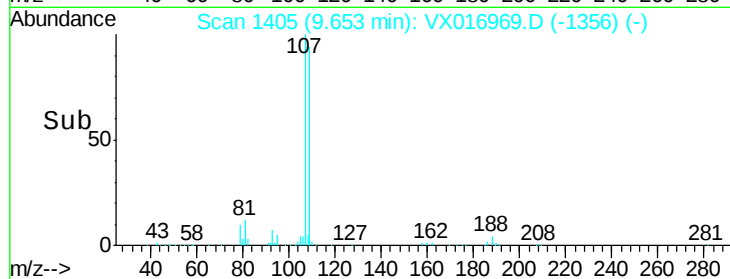
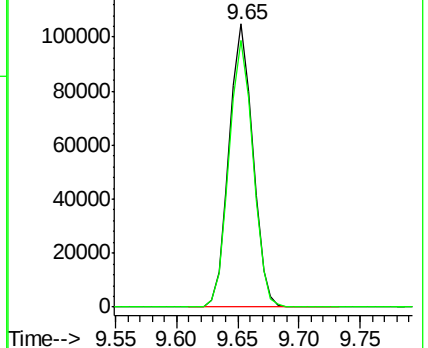
107 100

109 95.1 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.846 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

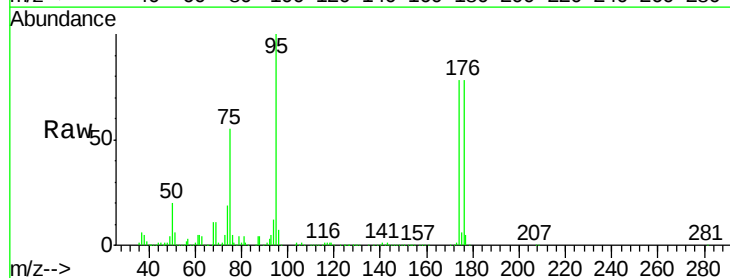
Tgt Ion: 95 Resp: 176814

Ion Ratio Lower Upper

95 100

174 75.6 0.0 149.6

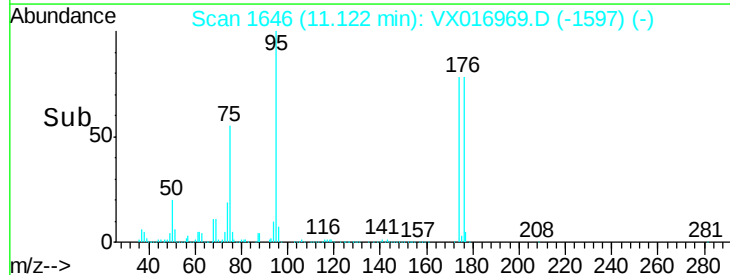
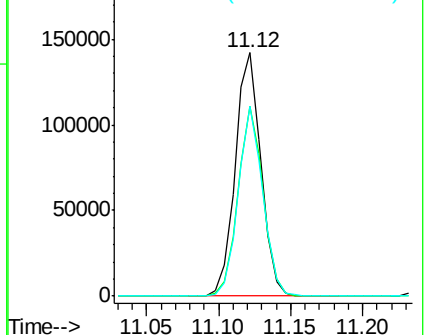
176 74.3 0.0 148.2

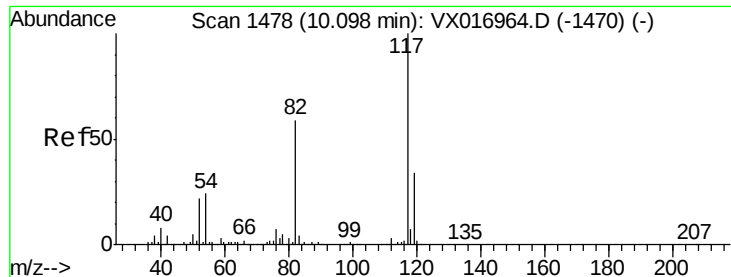


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

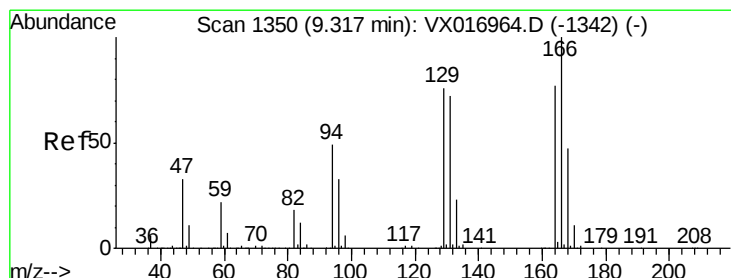
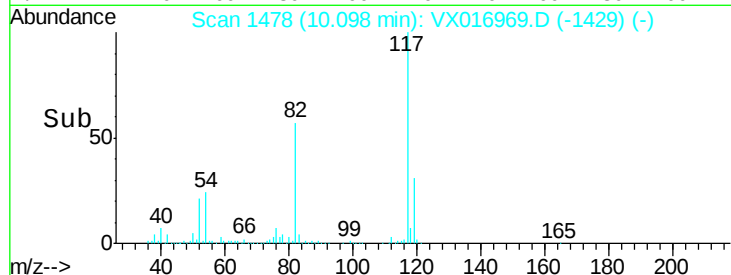
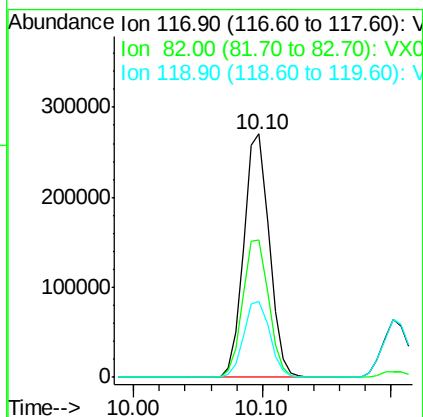
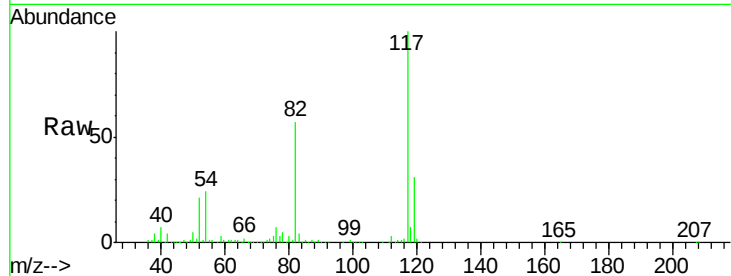




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

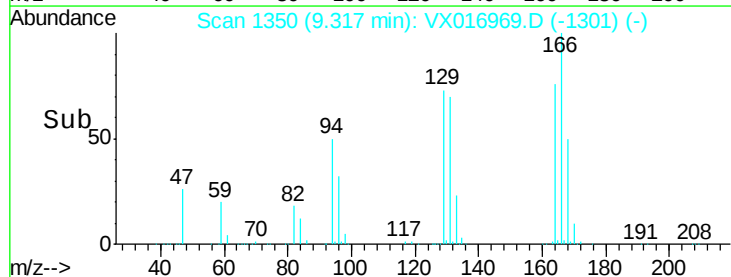
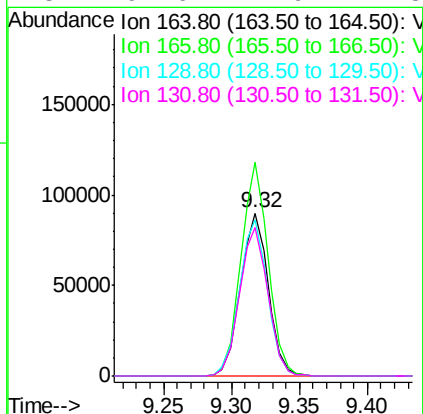
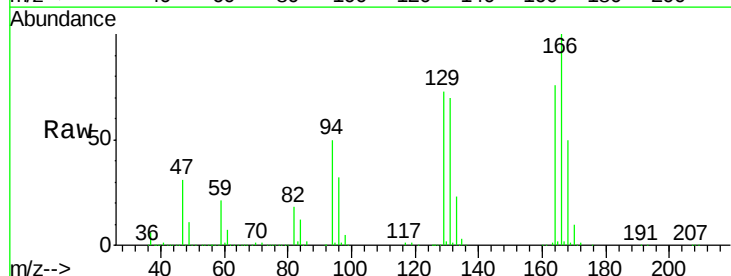
Instrument :
MSVOA_X
ClientSampleId :

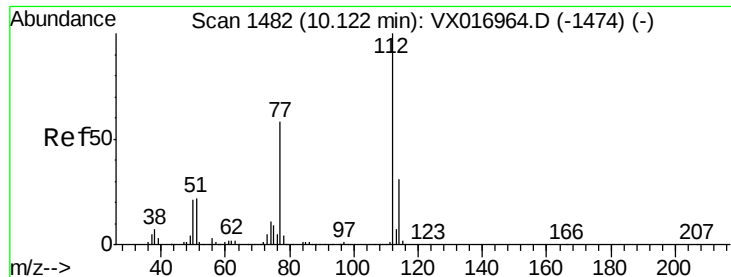
Tot Ion:117 Resp: 368256
Ion Ratio Lower Upper
117 100
82 56.6 46.8 70.2
119 31.3 27.3 40.9



#64
Tetrachloroethene
Concen: 50.984 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion:164 Resp: 127093
Ion Ratio Lower Upper
164 100
166 131.3 104.2 156.4
129 96.0 79.3 118.9
131 91.6 74.9 112.3

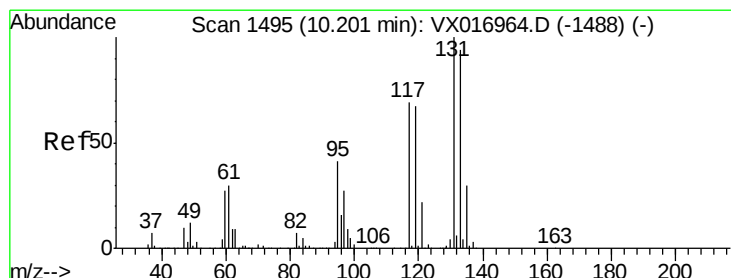
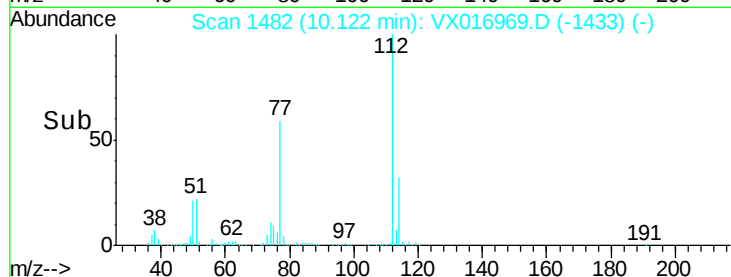
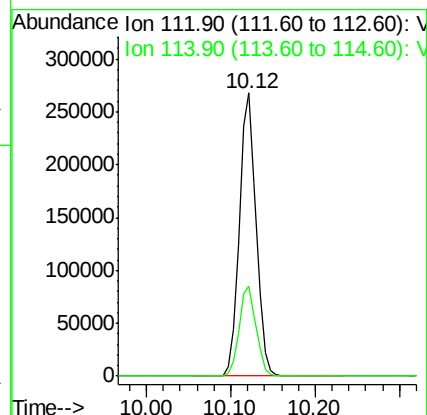
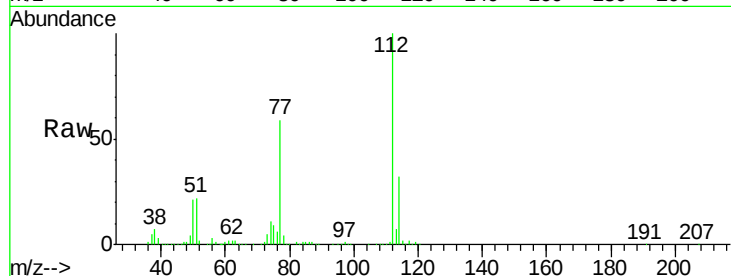




#65
Chlorobenzene
Concen: 47.293 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

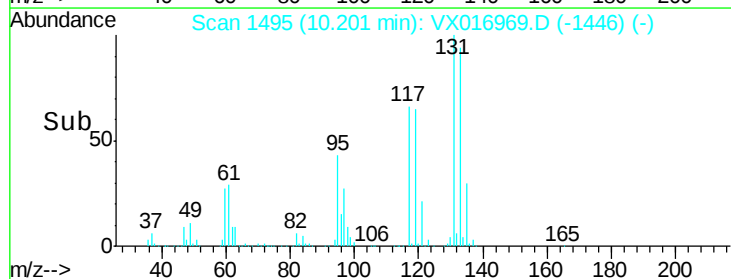
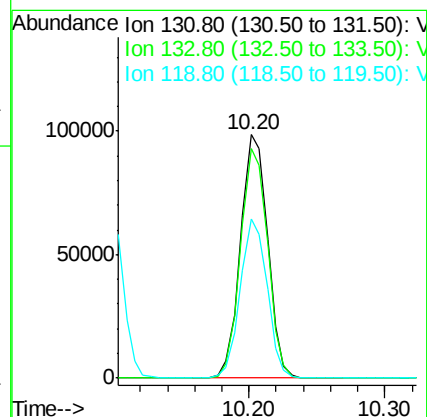
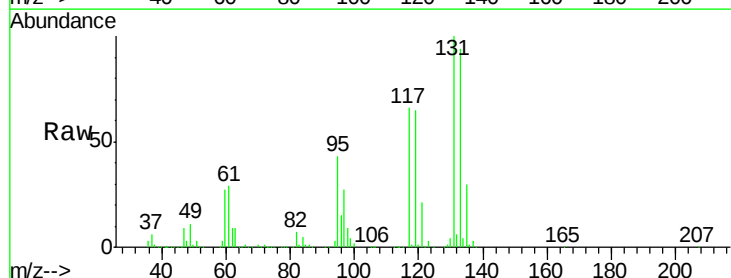
Instrument :
MSVOA_X
ClientSampleId :

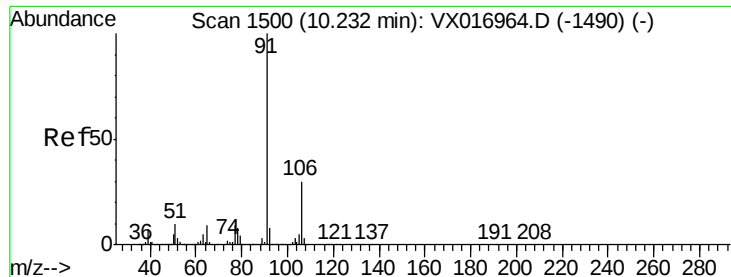
Tot Ion:112 Resp: 356156
Ion Ratio Lower Upper
112 100
114 31.7 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 49.022 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion:131 Resp: 137203
Ion Ratio Lower Upper
131 100
133 94.5 48.0 144.0
119 64.7 32.8 98.4

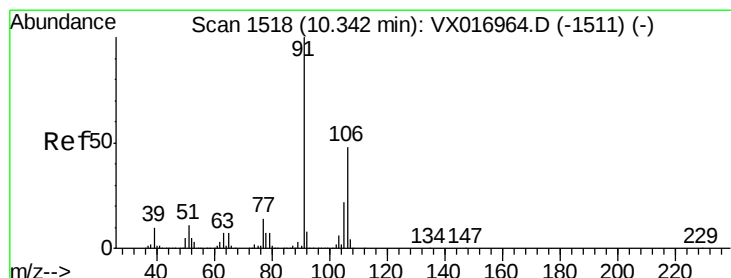
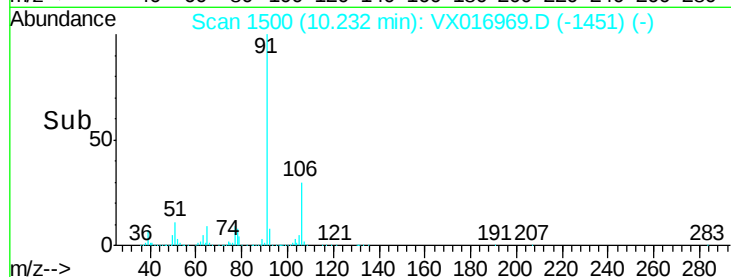
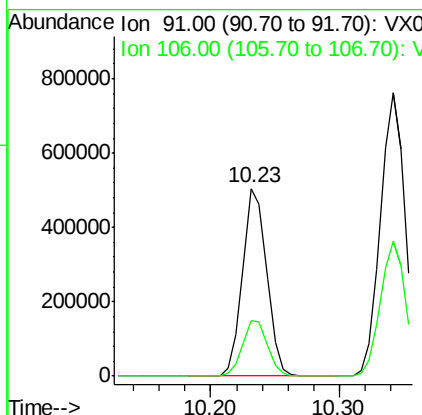
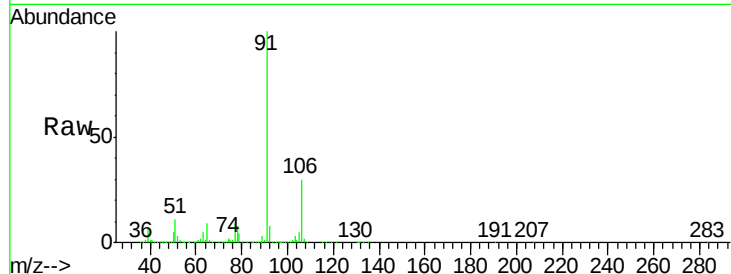




#67
Ethyl Benzene
Concen: 49.657 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

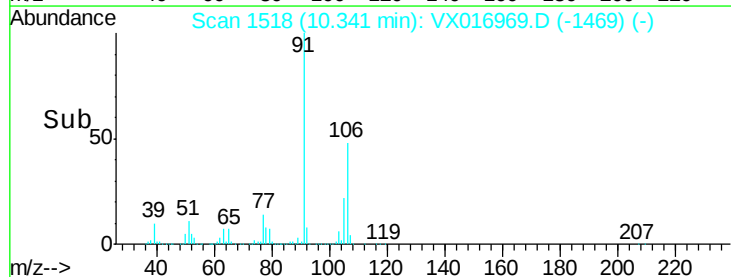
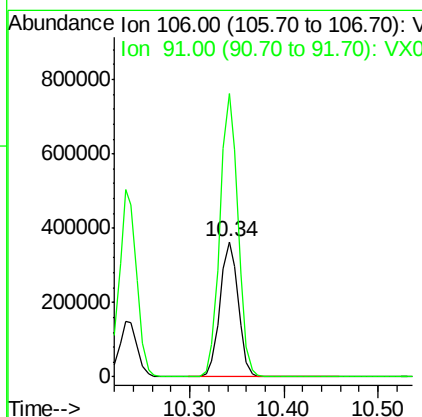
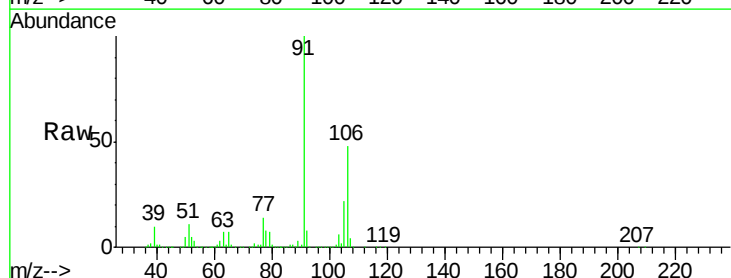
Instrument :
MSVOA_X
ClientSampled :

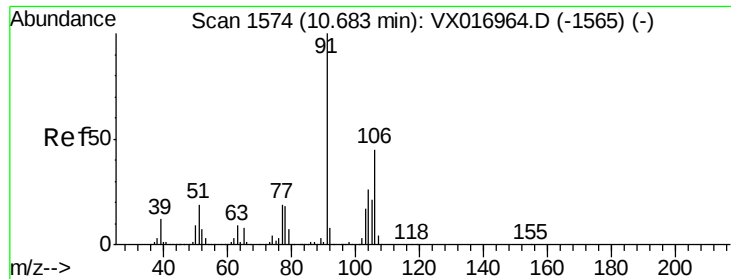
Tot Ion: 91 Resp: 656463
Ion Ratio Lower Upper
91 100
106 29.8 24.1 36.1



#68
m/p-Xylenes
Concen: 99.559 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion: 106 Resp: 488960
Ion Ratio Lower Upper
106 100
91 206.5 164.1 246.1

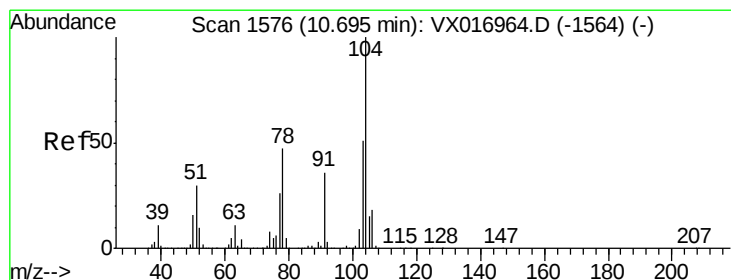
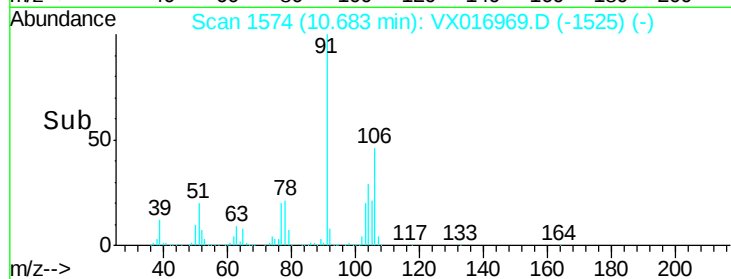
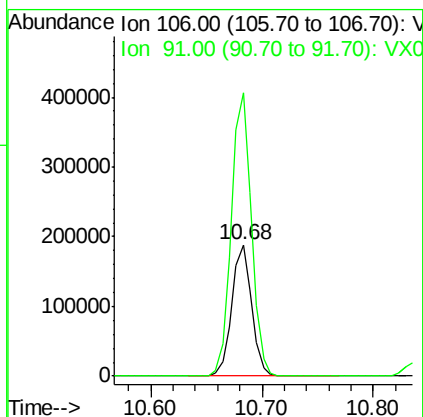
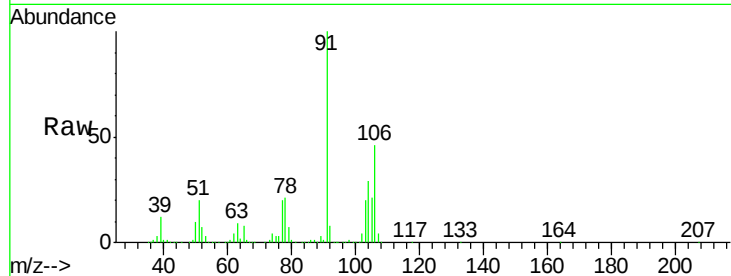




#69
o-Xylene
Concen: 49.373 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

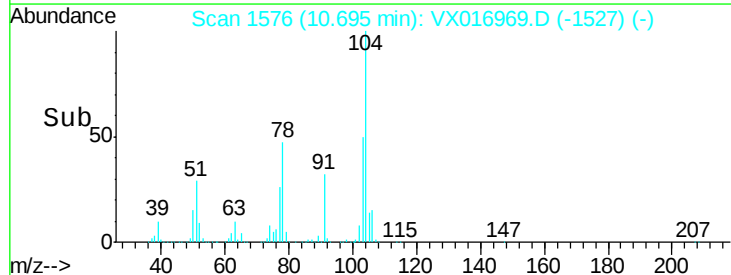
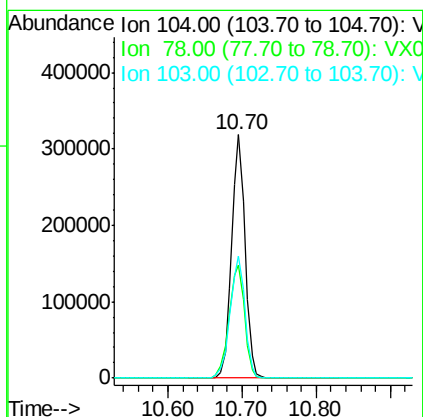
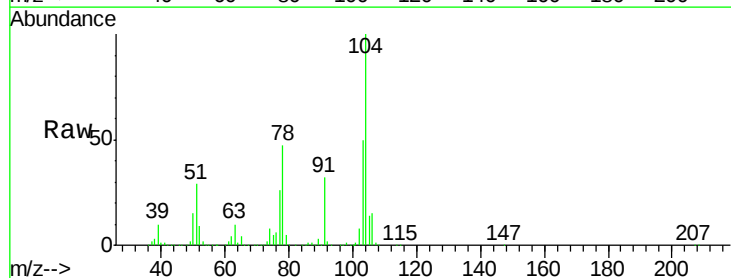
Instrument :
MSVOA_X
ClientSampled :

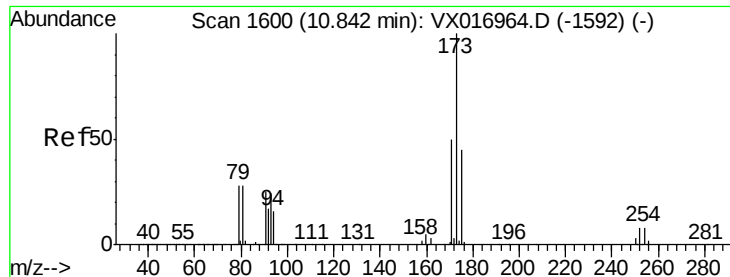
Tot Ion:106 Resp: 231338
Ion Ratio Lower Upper
106 100
91 218.7 109.1 327.2



#70
Styrene
Concen: 50.913 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion:104 Resp: 406374
Ion Ratio Lower Upper
104 100
78 53.1 41.9 62.9
103 54.7 43.9 65.9





#71

Bromoform

Concen: 47.973 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

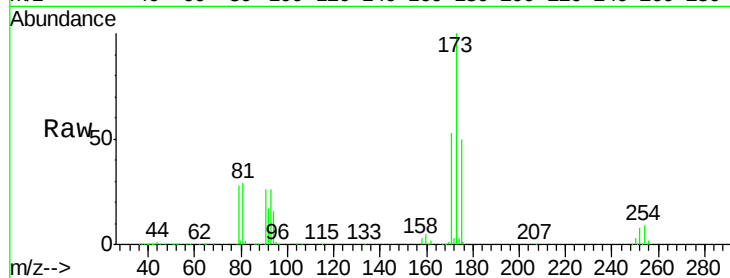
Tot Ion:173 Resp: 106757

Ion Ratio Lower Upper

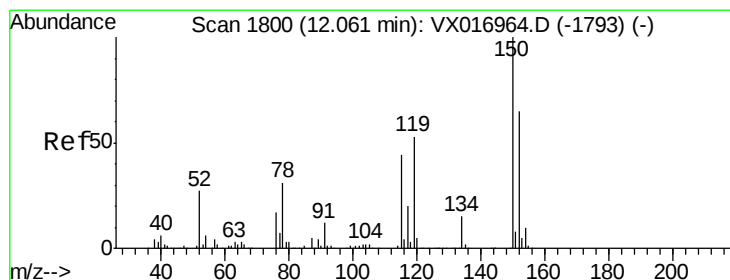
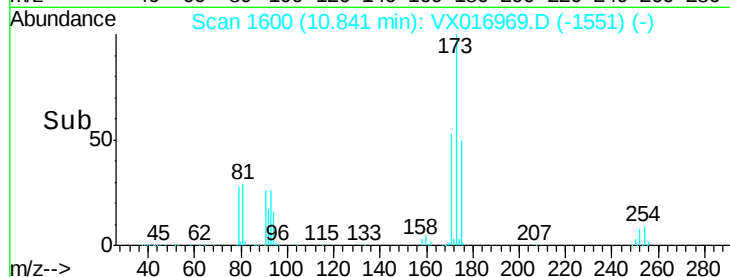
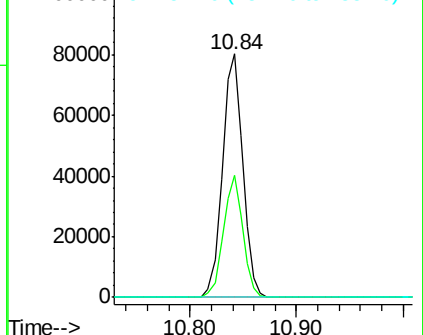
173 100

175 48.1 23.4 70.2

254 0.1 0.0 0.0#



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: VX016969.D

Acq: 26 Jun 2020 09:26

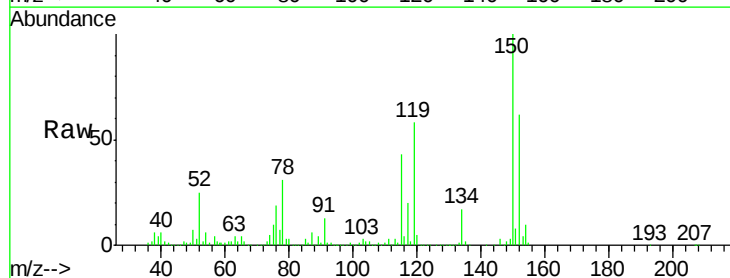
Tgt Ion:152 Resp: 187700

Ion Ratio Lower Upper

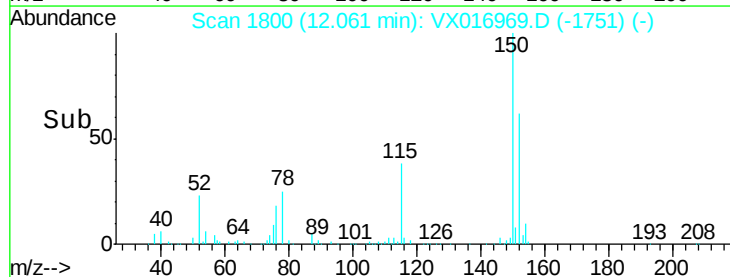
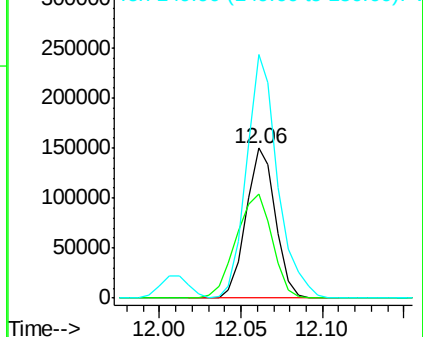
152 100

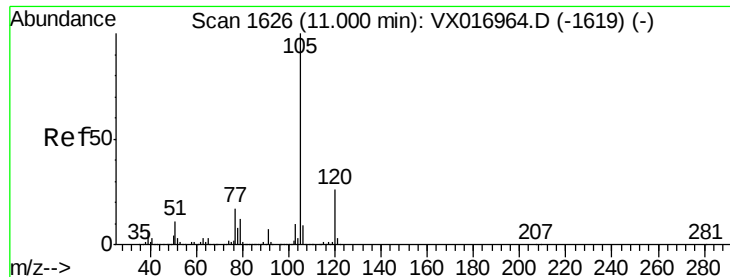
115 85.2 42.8 128.4

150 172.2 0.0 347.8



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





#73

Isopropylbenzene

Concen: 49.151 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

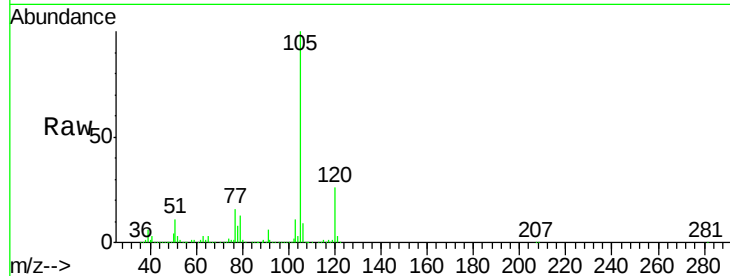
ClientSampled :

Tot Ion: 105 Resp: 635213

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

600000

500000

400000

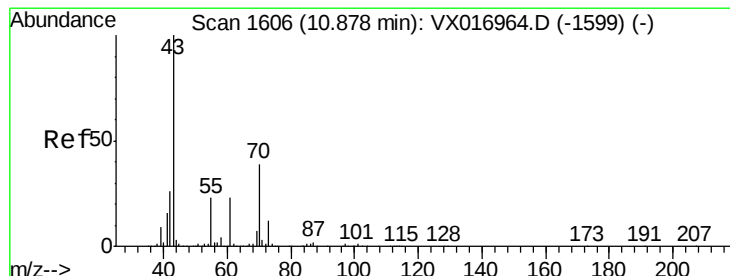
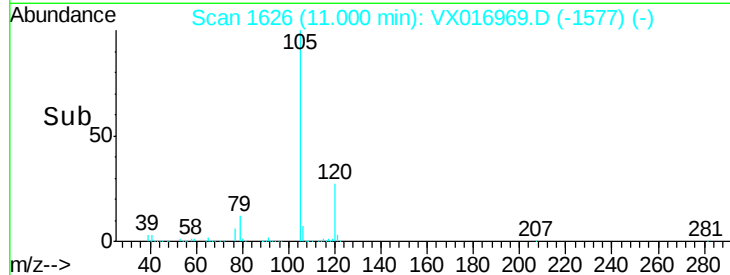
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 48.537 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Tgt Ion: 43 Resp: 295808

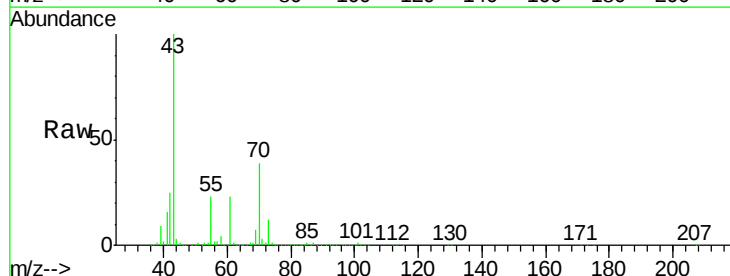
Ion Ratio Lower Upper

43 100

70 40.4 32.1 48.1

55 23.6 18.6 28.0

61 23.4 18.8 28.2



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

400000

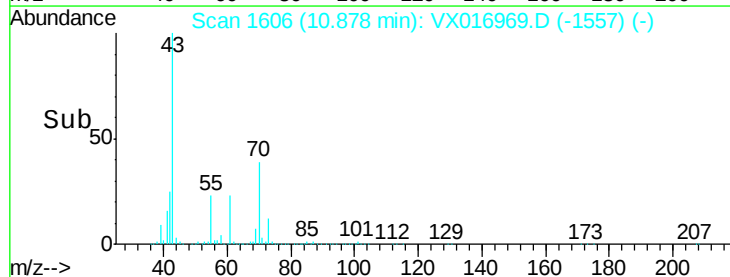
300000

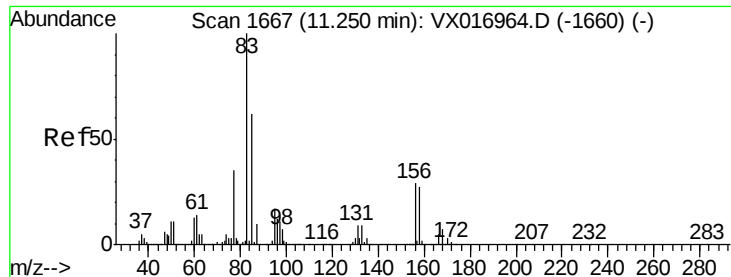
200000

100000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 44.365 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

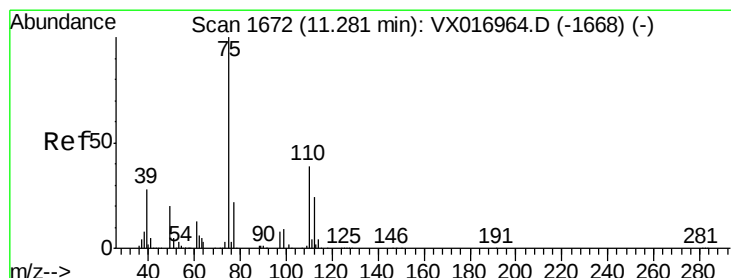
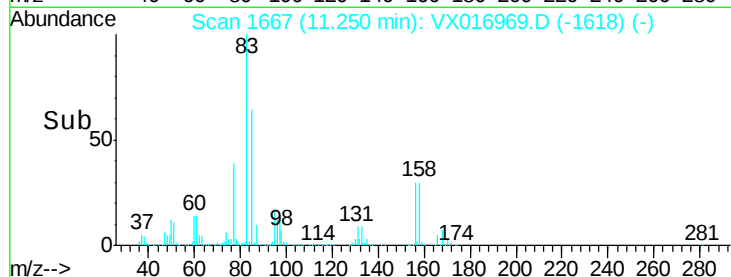
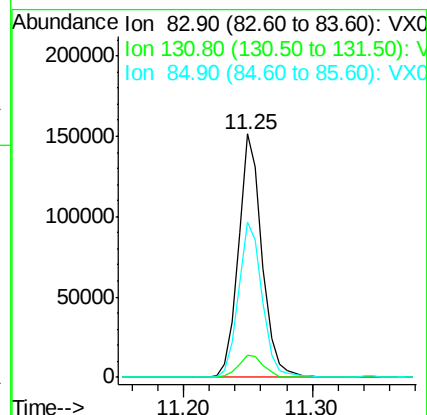
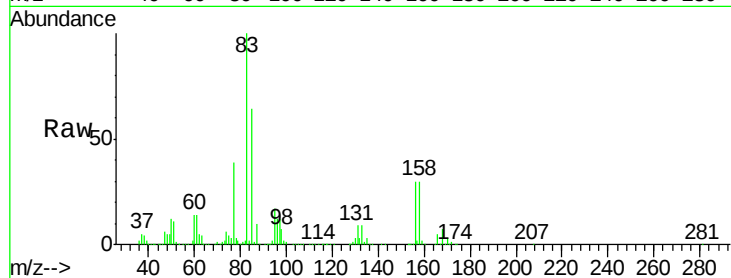
Tot Ion: 83 Resp: 192951

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.7

85 64.5 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 61.326 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016969.D

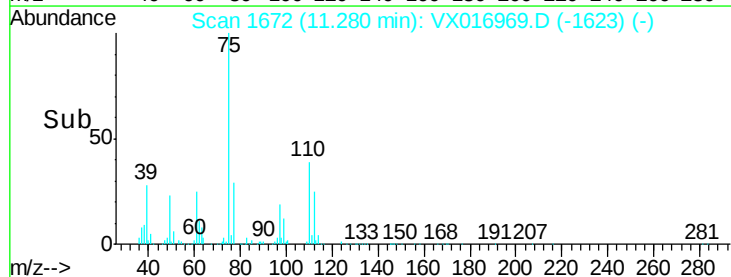
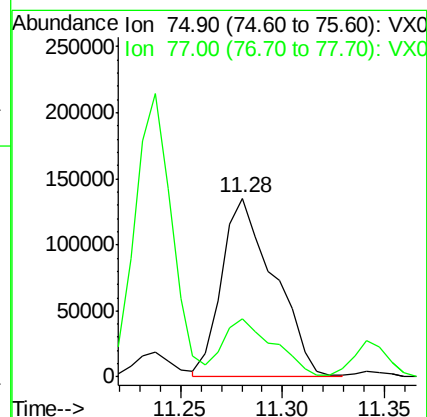
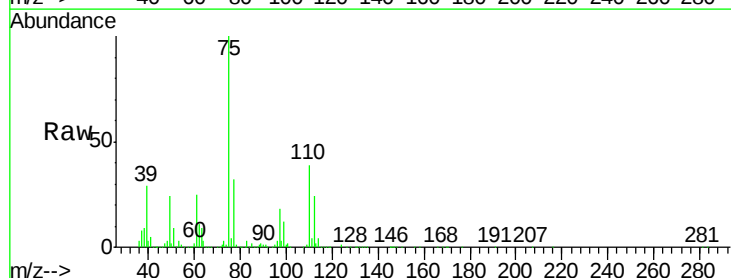
Acq: 26 Jun 2020 09:26

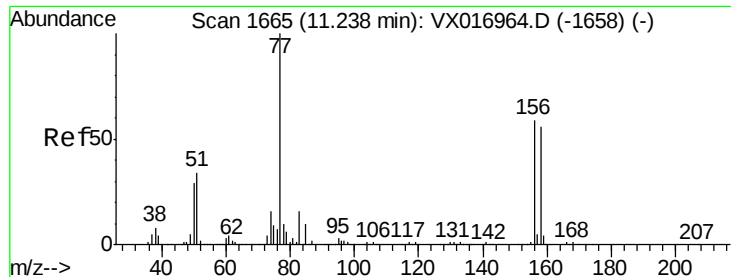
Tgt Ion: 75 Resp: 241567

Ion Ratio Lower Upper

75 100

77 31.4 20.3 61.0





#77

Bromobenzene

Concen: 45.971 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

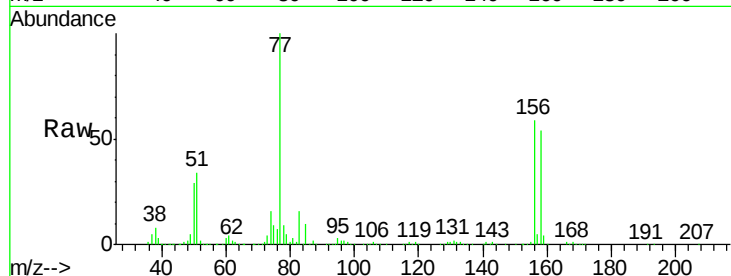
Tot Ion:156 Resp: 154035

Ion Ratio Lower Upper

156 100

77 174.8 85.2 255.6

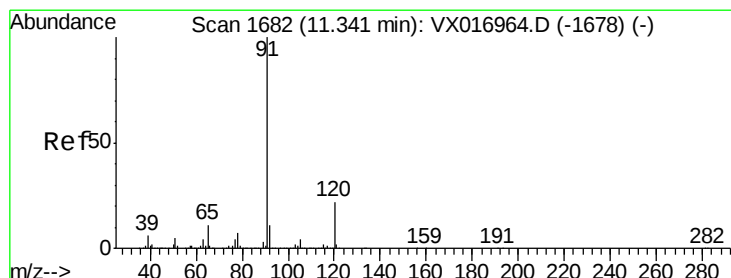
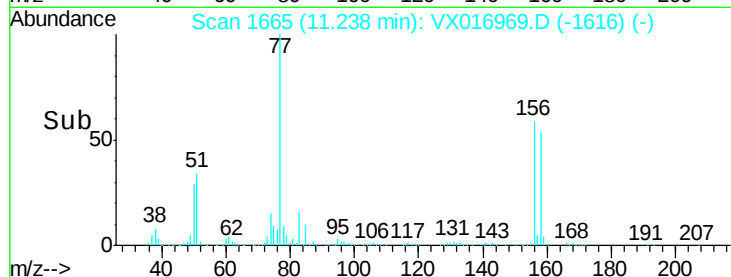
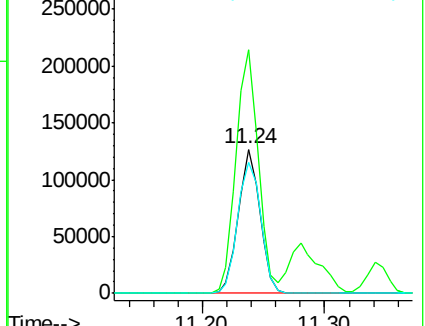
158 97.8 48.3 144.9



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: 49.826 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016969.D

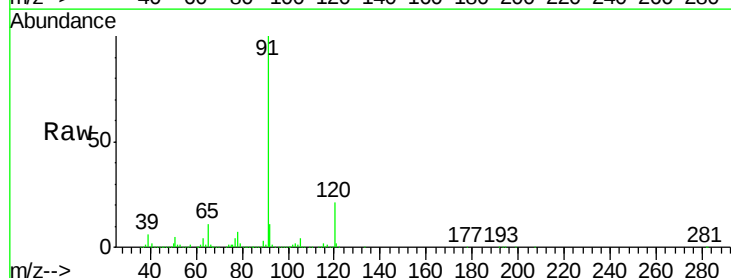
Acq: 26 Jun 2020 09:26

Tgt Ion: 91 Resp: 760030

Ion Ratio Lower Upper

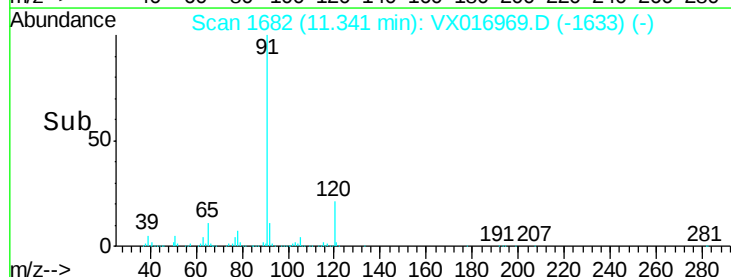
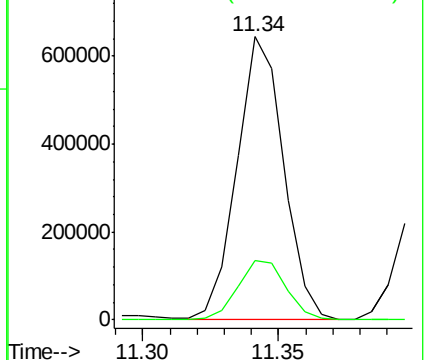
91 100

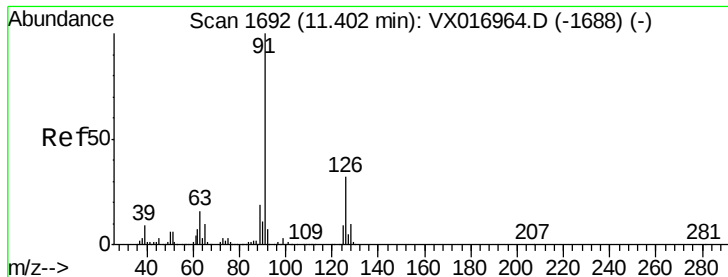
120 22.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.945 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

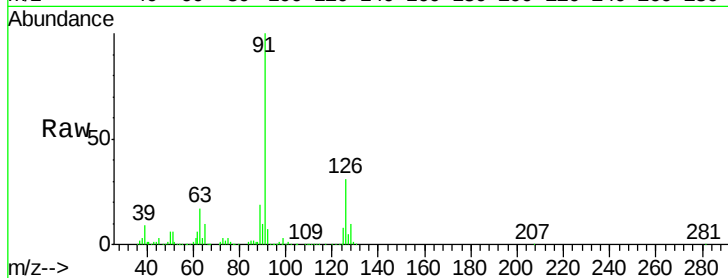
ClientSampleId :

Tot Ion: 91 Resp: 448952

Ion Ratio Lower Upper

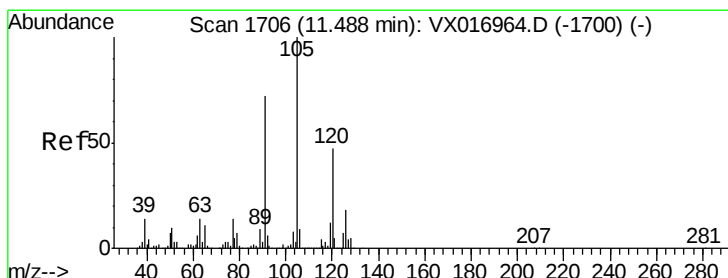
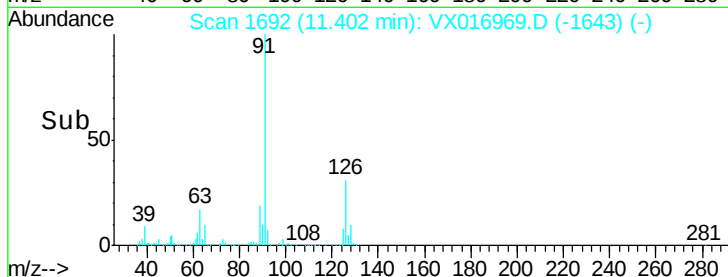
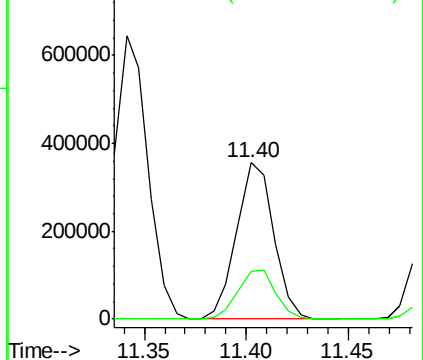
91 100

126 32.5 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VX016964.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX016964.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.869 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX016969.D

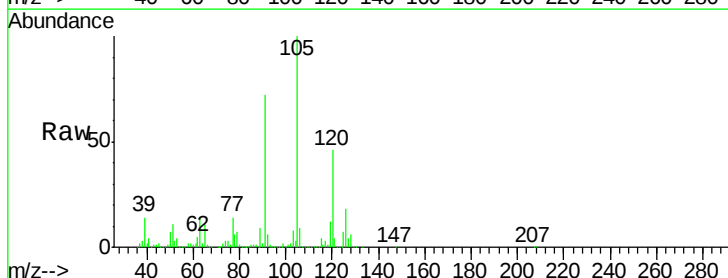
Acq: 26 Jun 2020 09:26

Tgt Ion: 105 Resp: 546413

Ion Ratio Lower Upper

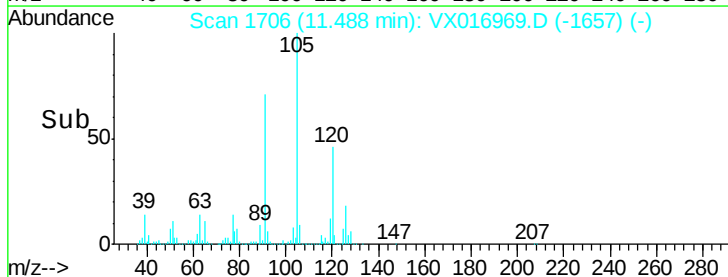
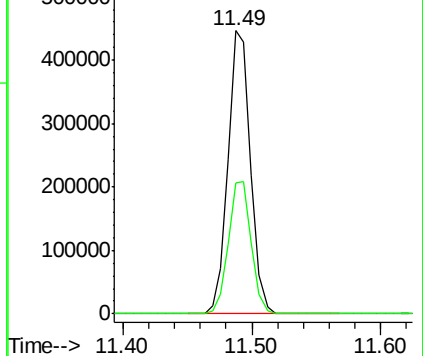
105 100

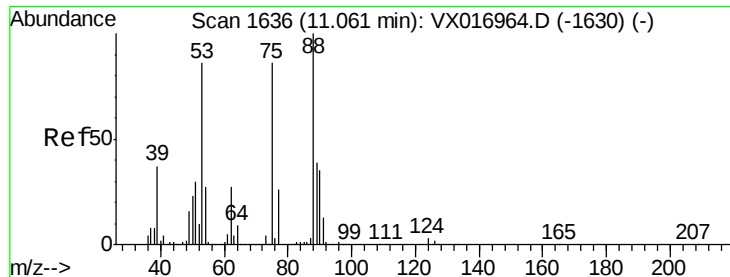
120 47.7 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VX016964.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX016964.D (-1700) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 47.239 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

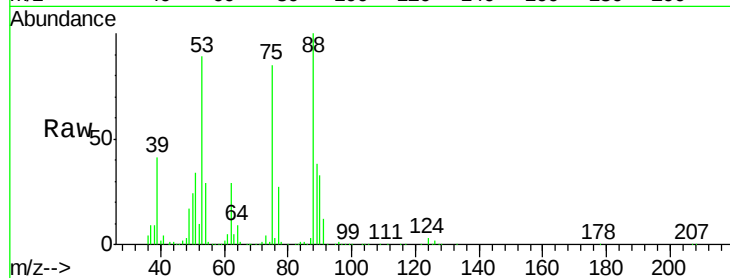
Tot Ion: 75 Resp: 73293

Ion	Ratio	Lower	Upper
75	100		
53	104.0	81.9	122.9
89	53.0	35.5	53.3

75 100

53 104.0 81.9 122.9

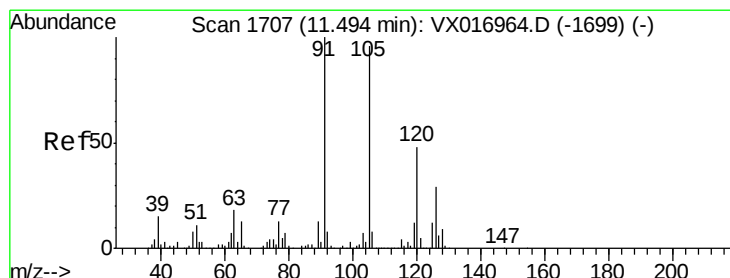
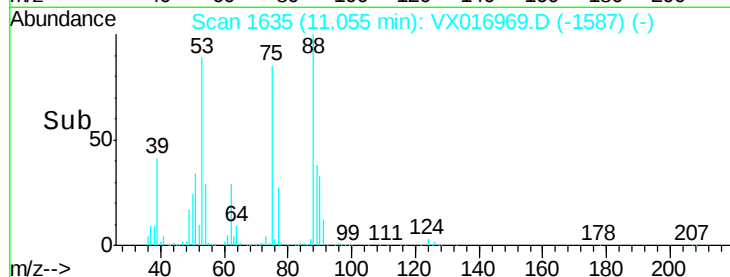
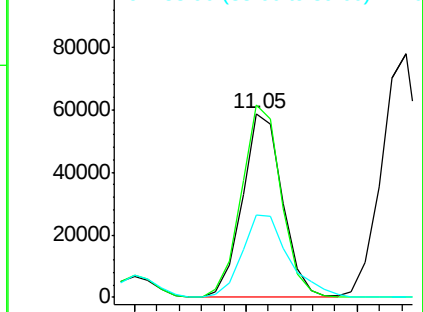
89 53.0 35.5 53.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.938 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016969.D

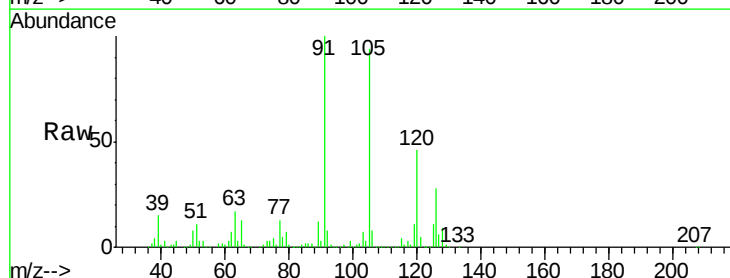
Acq: 26 Jun 2020 09:26

Tgt Ion: 91 Resp: 539114

Ion	Ratio	Lower	Upper
91	100		
126	28.7	14.6	44.0

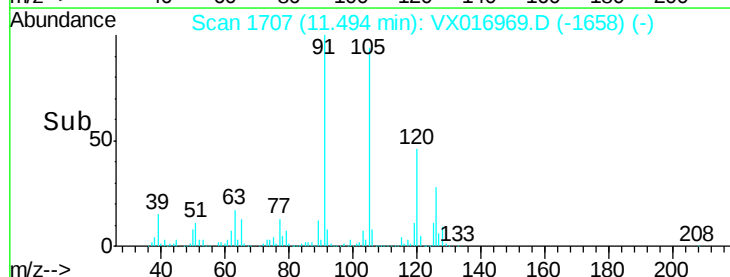
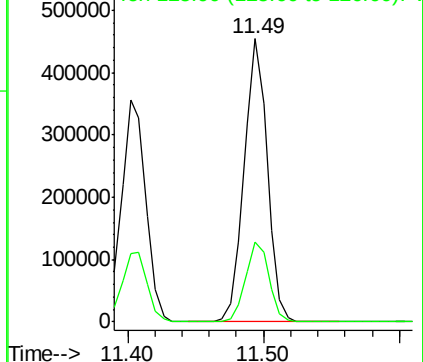
91 100

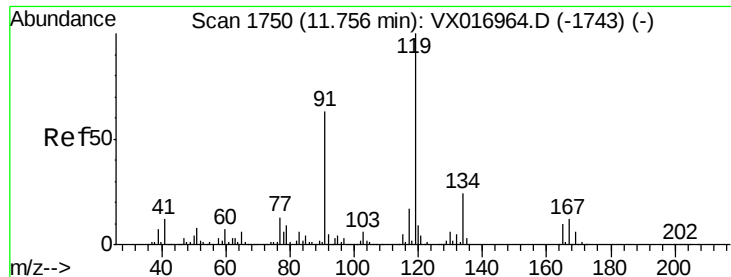
126 28.7 14.6 44.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

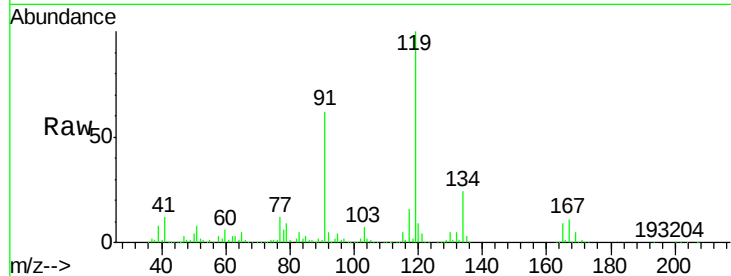




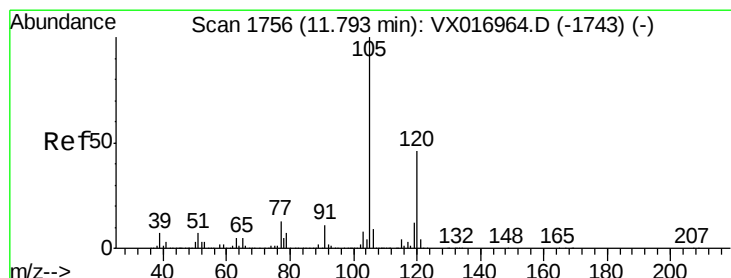
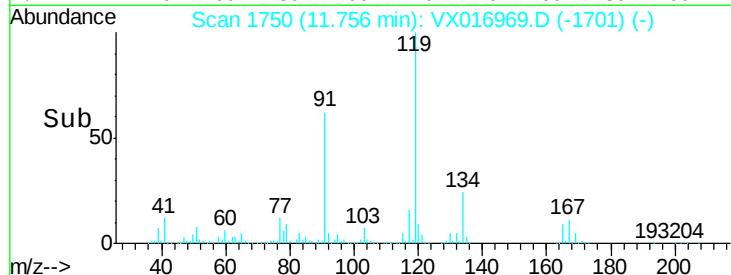
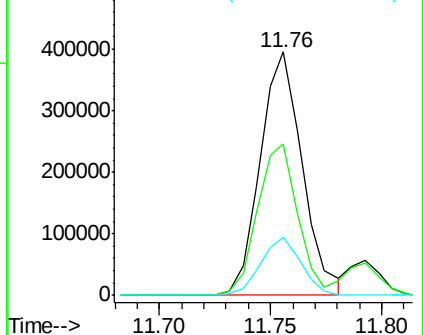
#83
 tert-Butylbenzene
 Concen: 49.539 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:119 Resp: 518274
 Ion Ratio Lower Upper
 119 100
 91 59.4 30.0 90.0
 134 22.8 11.8 35.3

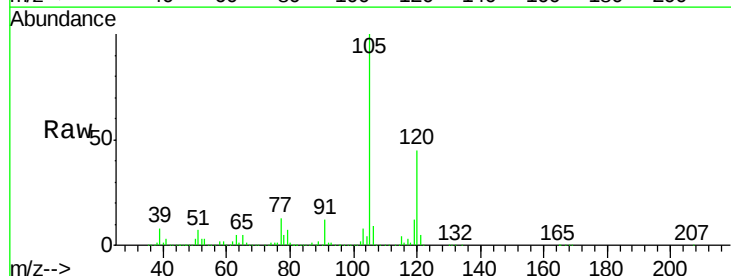


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

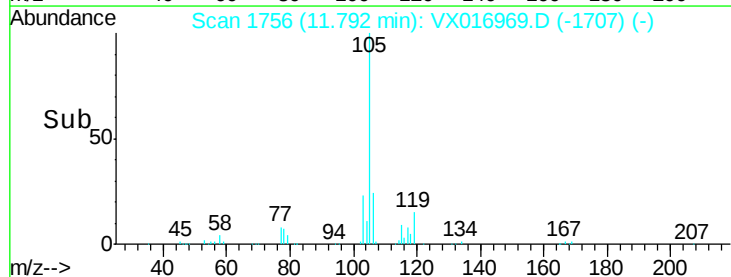
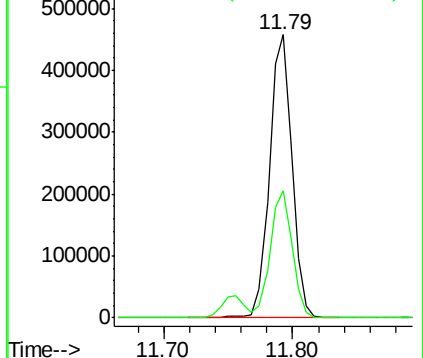


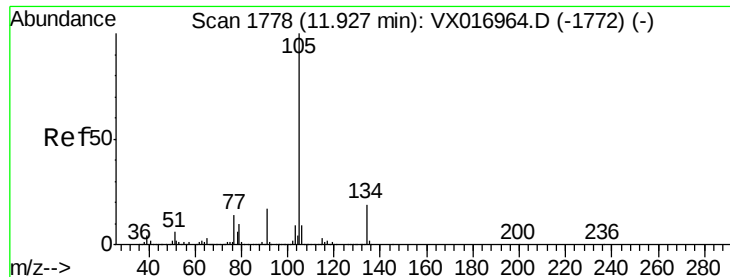
#84
 1,2,4-Trimethylbenzene
 Concen: 51.168 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

Tgt Ion:105 Resp: 555953
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.049 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

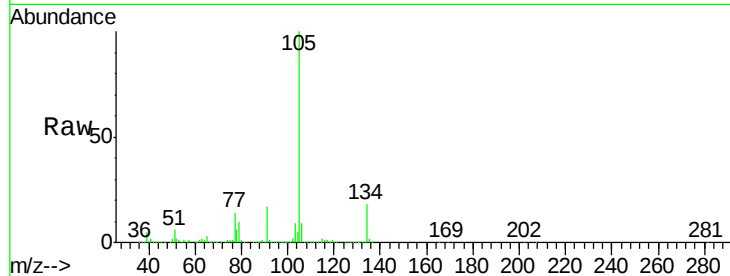
ClientSampleId :

Tot Ion:105 Resp: 622675

Ion Ratio Lower Upper

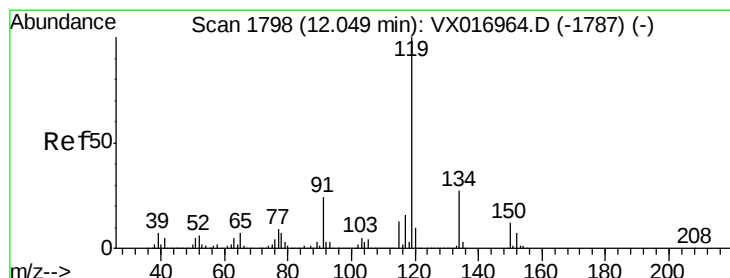
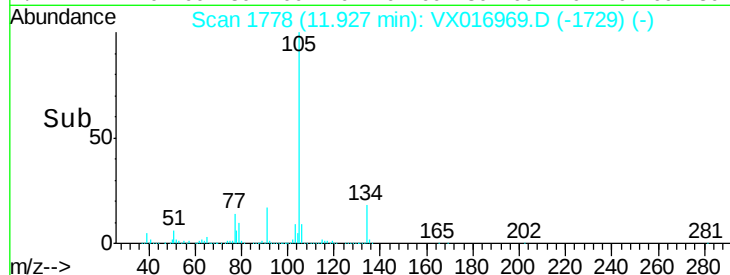
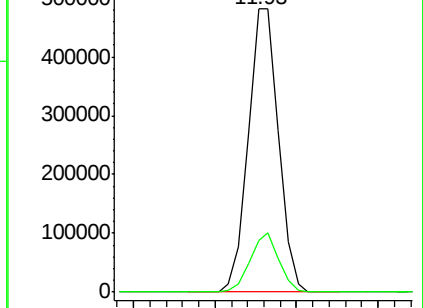
105 100

134 19.8 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.602 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

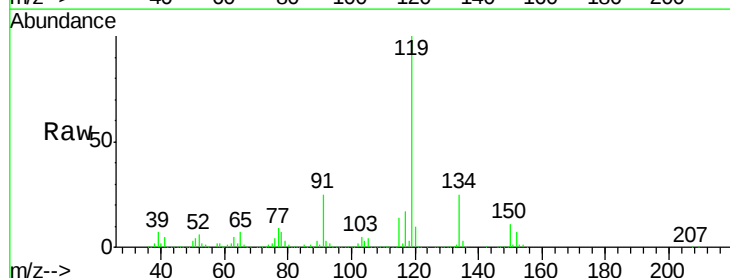
Tgt Ion:119 Resp: 575089

Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.3

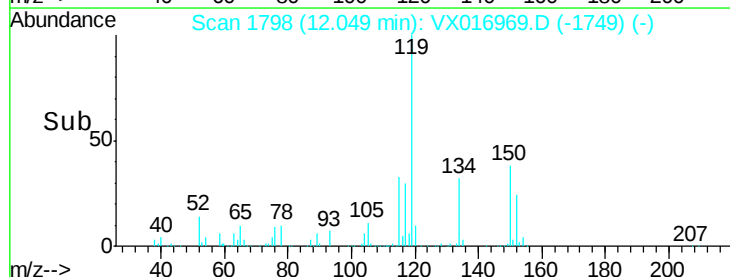
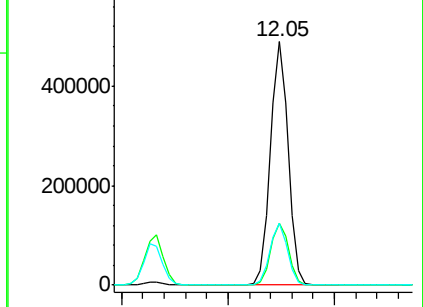
91 25.1 12.4 37.4

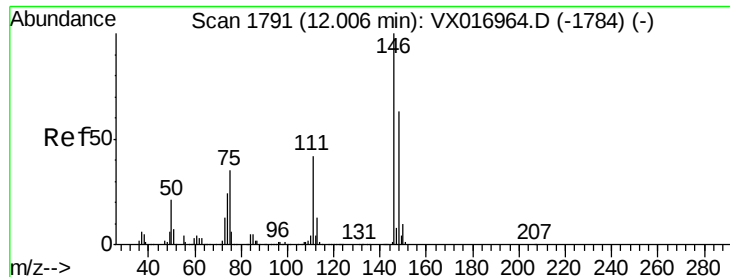


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

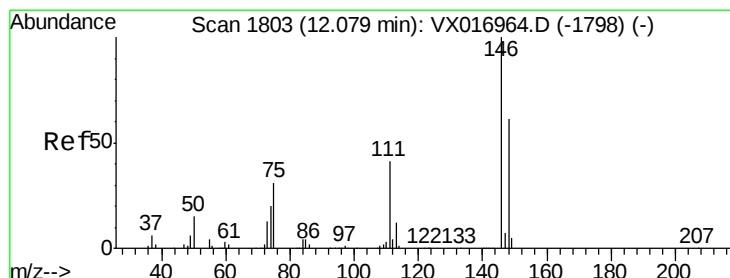
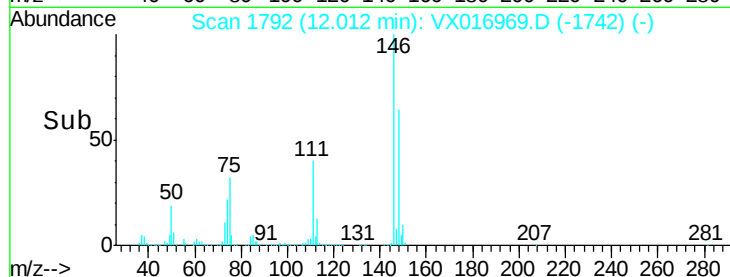
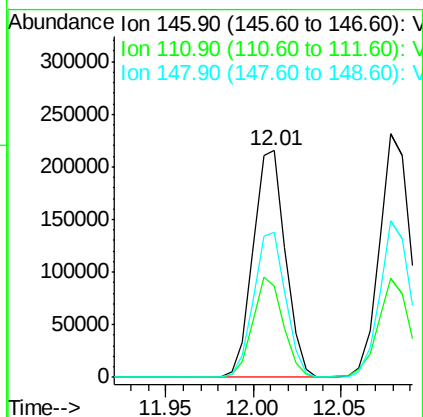
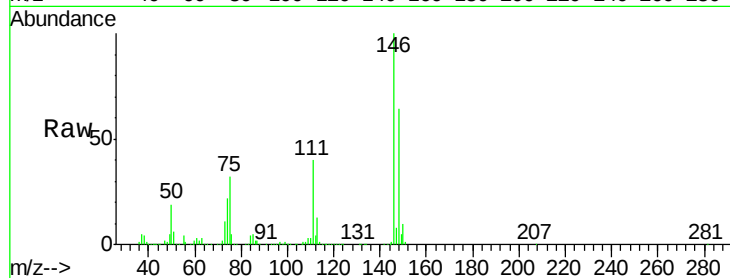




#87
 1,3-Dichlorobenzene
 Concen: 46.071 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

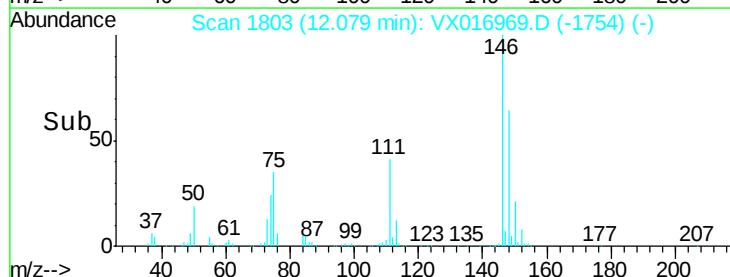
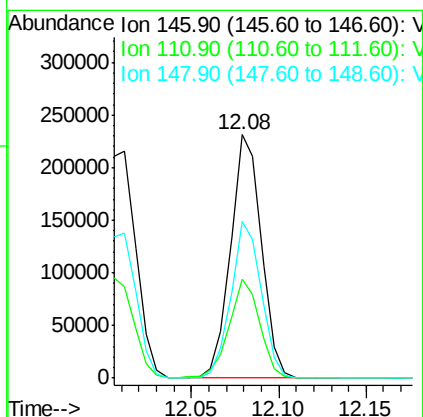
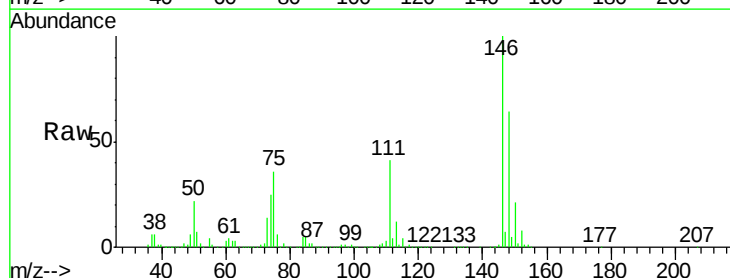
Instrument :
 MSVOA_X
 ClientSampleId :

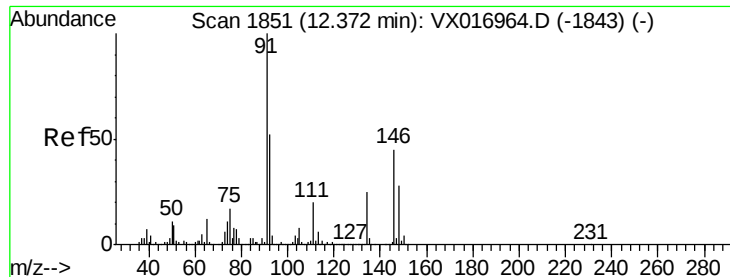
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.3	60.9
148	63.4	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 45.913 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.9	59.7
148	63.5	31.3	93.9





#89

n-Butylbenzene

Concen: 51.003 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

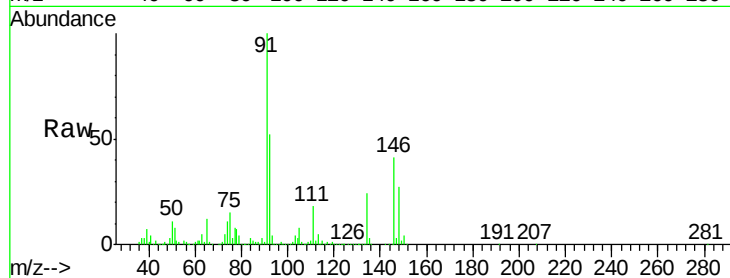
Tot Ion: 91 Resp: 535043

Ion Ratio Lower Upper

91 100

92 52.7 26.6 79.7

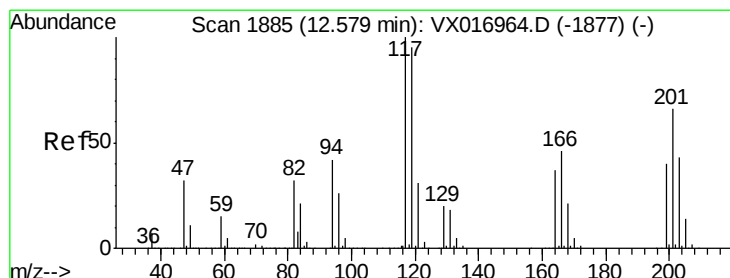
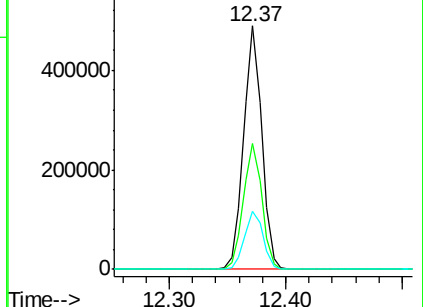
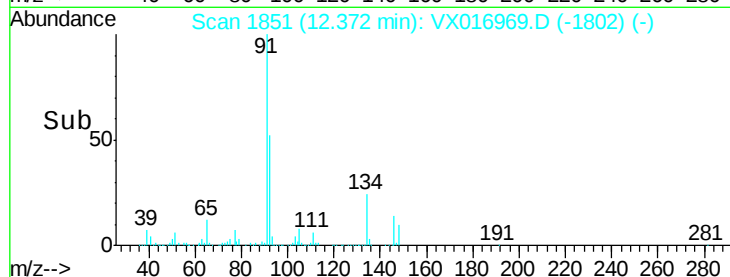
134 24.5 12.6 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX016969.D (-1843) (-)

Ion 92.00 (91.70 to 92.70): VX016969.D (-1843) (-)

Ion 134.00 (133.70 to 134.70): VX016969.D (-1843) (-)



#90

Hexachloroethane

Concen: 47.505 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016969.D

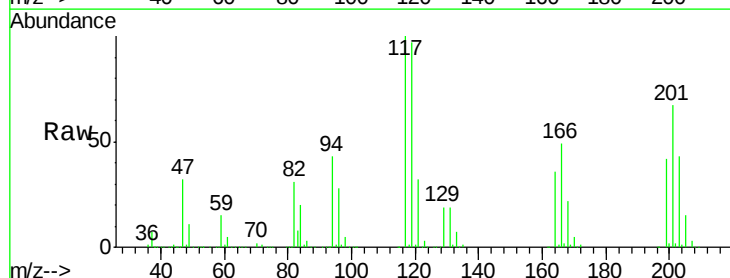
Acq: 26 Jun 2020 09:26

Tgt Ion: 117 Resp: 109756

Ion Ratio Lower Upper

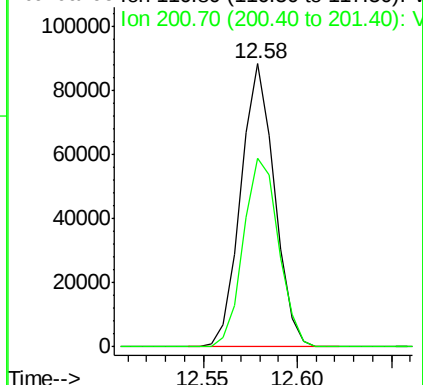
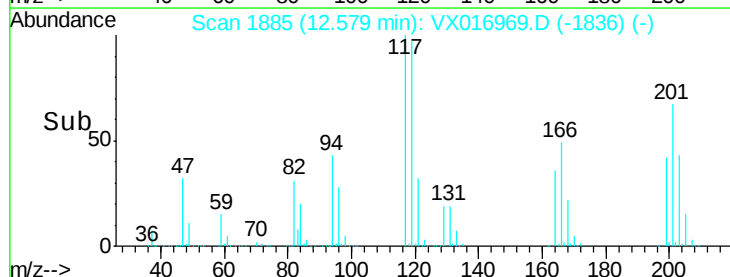
117 100

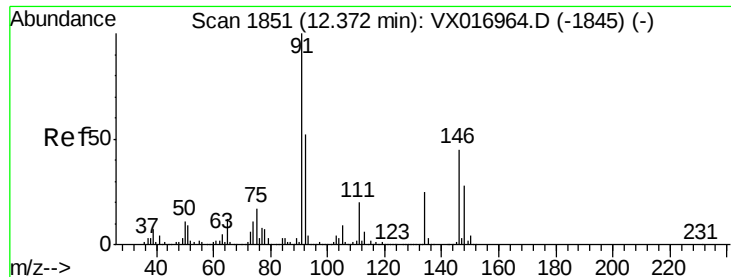
201 69.8 34.0 102.0



Abundance Ion 116.80 (116.50 to 117.50): VX016969.D (-1877) (-)

Ion 200.70 (200.40 to 201.40): VX016969.D (-1877) (-)





#91

1,2-Dichlorobenzene

Concen: 46.625 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

Instrument :

MSVOA_X

ClientSampleId :

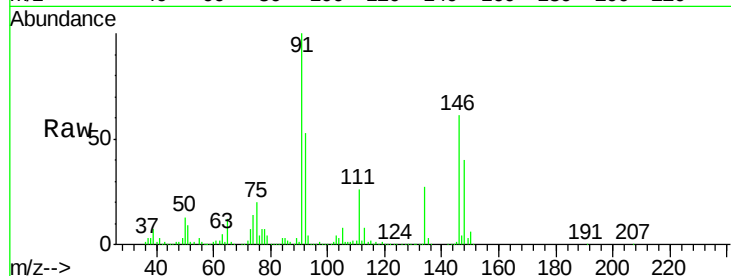
Tot Ion:146 Resp: 265834

Ion Ratio Lower Upper

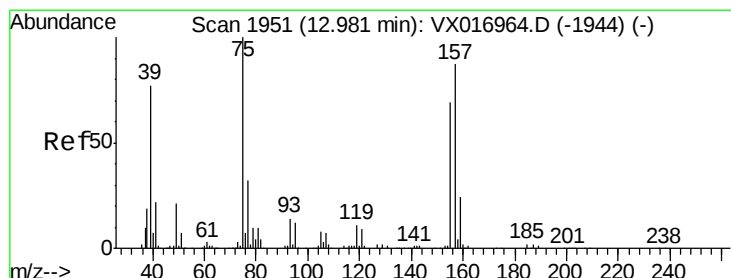
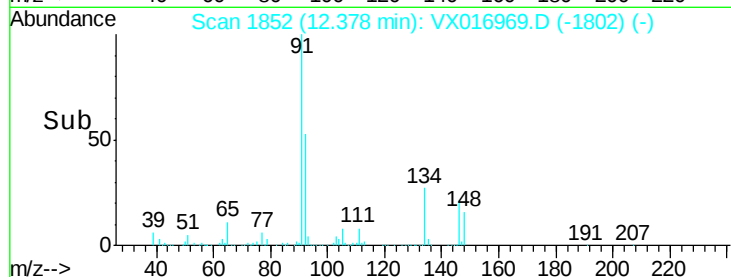
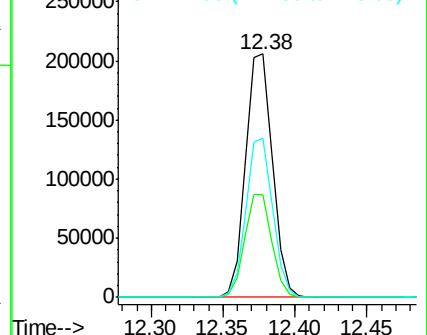
146 100

111 42.7 21.6 64.6

148 64.9 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



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.584 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016969.D

Acq: 26 Jun 2020 09:26

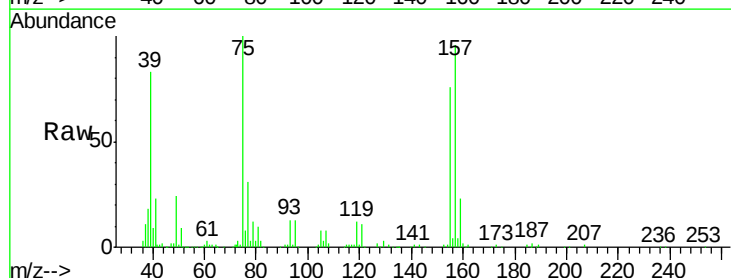
Tgt Ion: 75 Resp: 44369

Ion Ratio Lower Upper

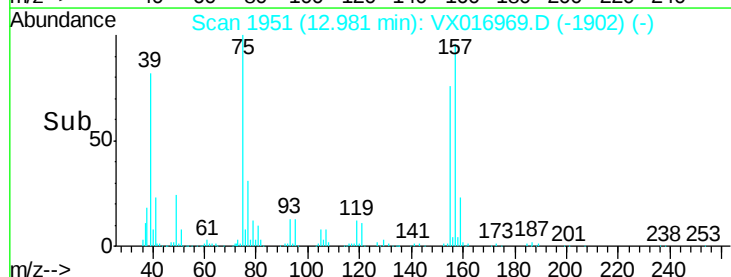
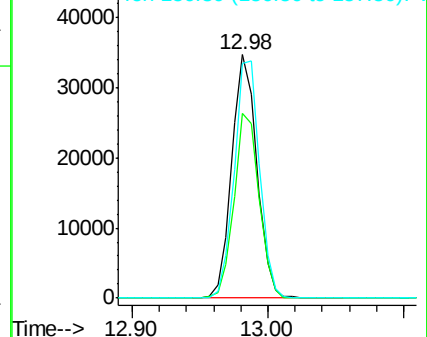
75 100

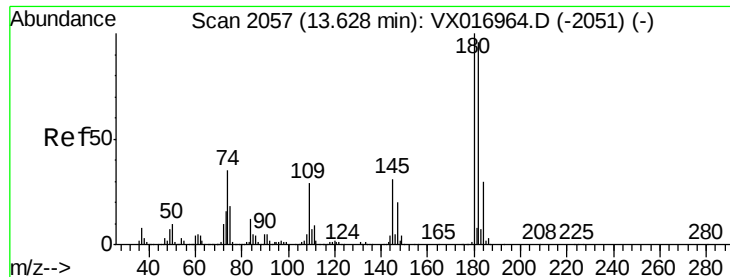
155 76.1 39.0 117.0

157 99.1 50.0 150.1



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

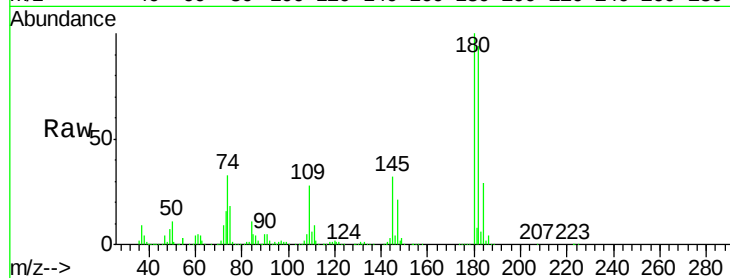




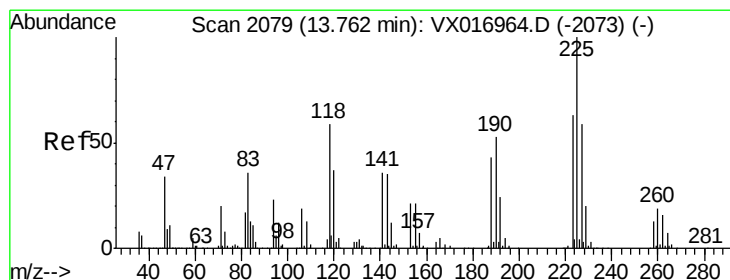
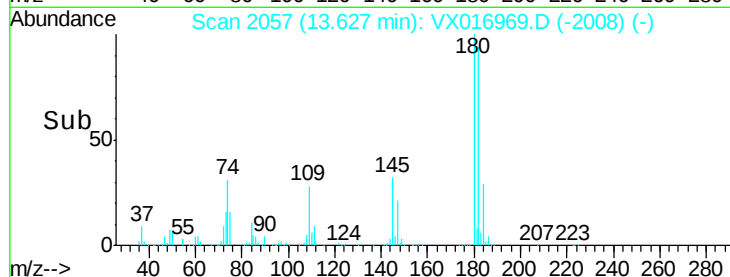
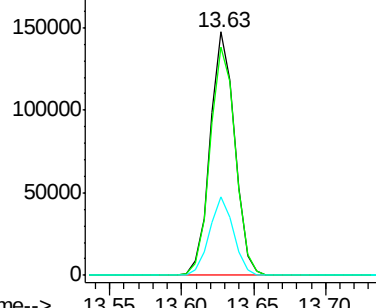
#93
 1,2,4-Trichlorobenzene
 Concen: 47.011 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	46.4	139.1
145	31.6	15.5	46.5

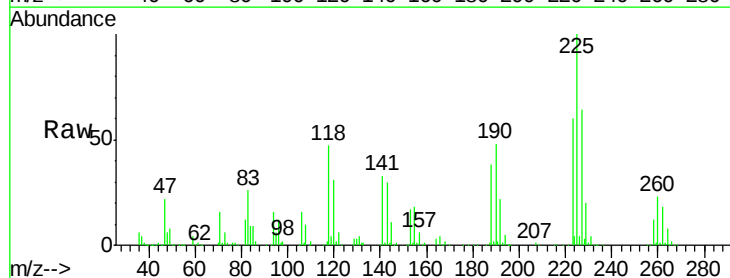


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

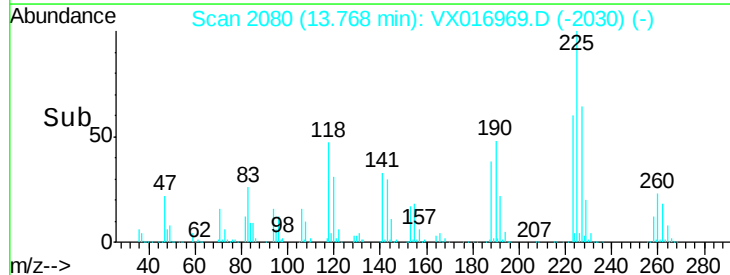
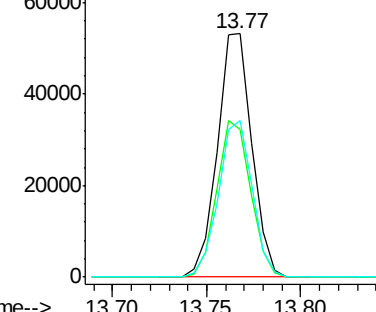


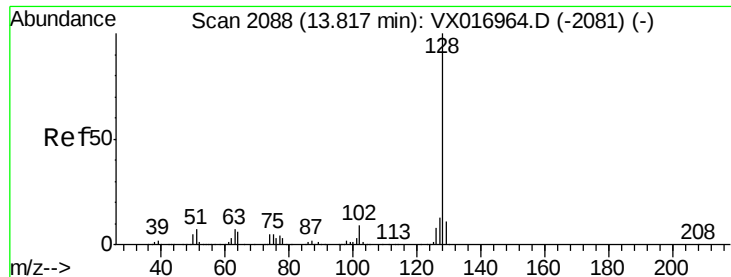
#94
 Hexachlorobutadiene
 Concen: 50.635 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX016969.D
 Acq: 26 Jun 2020 09:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.1	93.2
227	62.8	30.3	90.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

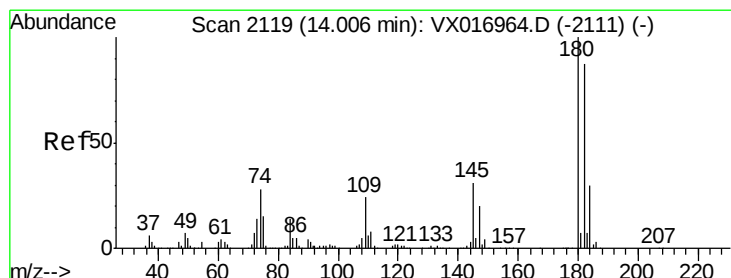
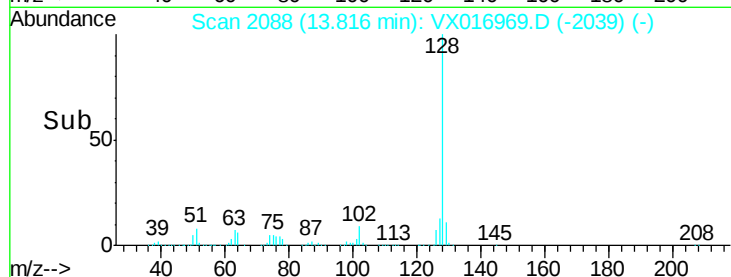
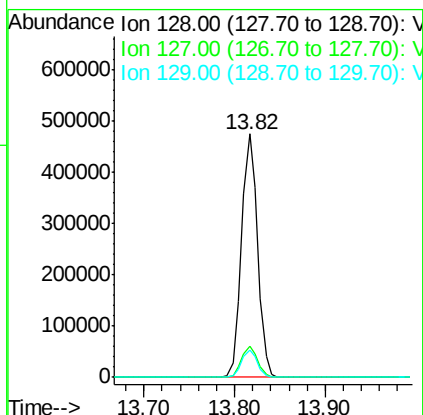
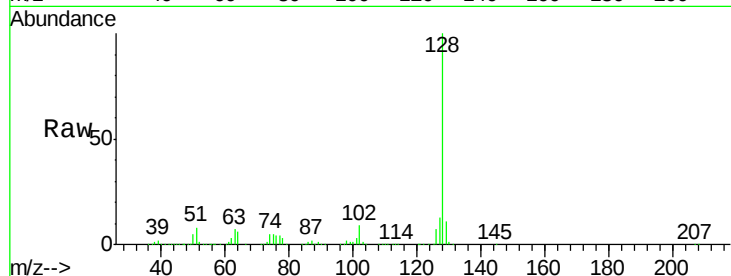




#95
Naphthalene
Concen: 47.461 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 579465
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.882 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX016969.D
Acq: 26 Jun 2020 09:26

Tgt Ion:180 Resp: 170610
Ion Ratio Lower Upper
180 100
182 94.1 47.8 143.3
145 33.7 16.9 50.6

