

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016966.D
 Acq On : 25 Jun 2020 20:45
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 26 08:21:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:15:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	208564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	351001	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	339061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	169698	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	483219	162.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	324.56%	
35) Dibromofluoromethane	5.46	113	369511	187.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	375.40%	
50) Toluene-d8	8.70	98	1368366	167.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	334.26%	
62) 4-Bromofluorobenzene	11.12	95	538770	163.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	326.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	346059	156.942	ug/l	100
3) Chloromethane	1.31	50	377166	157.884	ug/l	100
4) Vinyl Chloride	1.39	62	389889	132.970	ug/l	98
5) Bromomethane	1.62	94	245148	201.791	ug/l	98
6) Chloroethane	1.69	64	257369	143.923	ug/l	100
7) Trichlorofluoromethane	1.90	101	657988	179.677	ug/l	98
8) Diethyl Ether	2.17	74	231124	138.553	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	341837	151.928	ug/l	99
10) Methyl Iodide	2.49	142	445424	180.564	ug/l	98
11) Tert butyl alcohol	3.03	59	446517	713.798	ug/l	100
12) 1,1-Dichloroethene	2.35	96	344649	147.062	ug/l	97
13) Acrolein	2.28	56	384177	946.937	ug/l	99
14) Allyl chloride	2.70	41	658229	157.220	ug/l	99
15) Acrylonitrile	3.12	53	1045637	763.613	ug/l	100
16) Acetone	2.42	43	905339	808.322	ug/l	100
17) Carbon Disulfide	2.54	76	1058378	147.371	ug/l	98
18) Methyl Acetate	2.75	43	443999	136.111	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1244632	148.676	ug/l	100
20) Methylene Chloride	2.83	84	388783	143.337	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	378190	144.852	ug/l	99
22) Diisopropyl ether	3.82	45	1333842	161.289	ug/l	99
23) Vinyl Acetate	3.79	43	6003251	878.238	ug/l	100
24) 1,1-Dichloroethane	3.67	63	700332	149.303	ug/l	99
25) 2-Butanone	4.64	43	1454585	806.801	ug/l	100
26) 2,2-Dichloropropane	4.55	77	570369	139.395	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	425810	144.617	ug/l	98
28) Bromochloromethane	4.98	49	320987	154.620	ug/l	99
29) Tetrahydrofuran	5.09	42	964036	807.889	ug/l	100
30) Chloroform	5.18	83	718980	154.643	ug/l	99
31) Cyclohexane	5.54	56	612288	140.945	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	643797	153.328	ug/l	99
36) 1,1-Dichloropropene	5.77	75	533928	158.319	ug/l	99
37) Ethyl Acetate	4.80	43	593037	172.659	ug/l	100
38) Carbon Tetrachloride	5.76	117	573554	180.939	ug/l	98

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 ALS Vial : 22 Sample Multiplier: 1

Instrument :
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 ClientSampleId :

Quant Time: Jun 26 08:21:30 2020
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 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:15:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	609128	151.010	ug/l	98
40) Benzene	6.11	78	1530776	156.020	ug/l	98
41) Methacrylonitrile	5.01	41	332100	171.707	ug/l	96
42) 1,2-Dichloroethane	6.16	62	589941	167.963	ug/l	100
43) Isopropyl Acetate	6.42	43	989630	175.567	ug/l	99
44) Trichloroethene	7.19	130	401761	135.947	ug/l	99
45) 1,2-Dichloropropane	7.49	63	399048	158.340	ug/l	96
46) Dibromomethane	7.64	93	276161	163.492	ug/l	99
47) Bromodichloromethane	7.88	83	586771	169.577	ug/l	97
48) Methyl methacrylate	7.75	41	484490	174.989	ug/l	99
49) 1,4-Dioxane	7.72	88	176540	2918.544	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	2962275	897.100	ug/l	99
52) Toluene	8.77	92	964648	155.360	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	673048	164.172	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	677443	158.048	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	396018	159.578	ug/l	98
56) Ethyl methacrylate	9.16	69	661020	166.316	ug/l	99
57) 1,3-Dichloropropane	9.35	76	673122	158.564	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1655668	837.590	ug/l	100
59) 2-Hexanone	9.48	43	2206828	881.361	ug/l	99
60) Dibromochloromethane	9.57	129	470625	186.691	ug/l	98
61) 1,2-Dibromoethane	9.65	107	429877	166.619	ug/l	99
64) Tetrachloroethene	9.32	164	349023	109.133	ug/l	98
65) Chlorobenzene	10.12	112	1060422	157.067	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	405353	167.476	ug/l	100
67) Ethyl Benzene	10.24	91	1920090	154.340	ug/l	98
68) m/p-Xylenes	10.34	106	1445955	316.400	ug/l	99
69) o-Xylene	10.68	106	704707	158.590	ug/l	99
70) Styrene	10.70	104	1223335	159.968	ug/l	99
71) Bromoform	10.84	173	331576	195.800	ug/l #	97
73) Isopropylbenzene	11.00	105	1906410	152.694	ug/l	99
74) N-amyl acetate	10.88	43	911930	165.273	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	586611	195.209	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	717102	196.980	ug/l	86
77) Bromobenzene	11.24	156	462869	160.568	ug/l	98
78) n-propylbenzene	11.35	91	2222489	150.570	ug/l	100
79) 2-Chlorotoluene	11.41	91	1275634	146.698	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1594816	150.514	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	222553	141.141	ug/l	97
82) 4-Chlorotoluene	11.49	91	1538522	148.086	ug/l	100
83) tert-Butylbenzene	11.76	119	1526383	166.865	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1584603	145.585	ug/l	99
85) sec-Butylbenzene	11.93	105	1818644	148.983	ug/l	99
86) p-Isopropyltoluene	12.05	119	1653622	148.381	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	809544	152.724	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	806735	148.020	ug/l	98
89) n-Butylbenzene	12.37	91	1546380	147.907	ug/l	100
90) Hexachloroethane	12.58	117	325481	179.468	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	783944	154.051	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	139002	153.483	ug/l	97

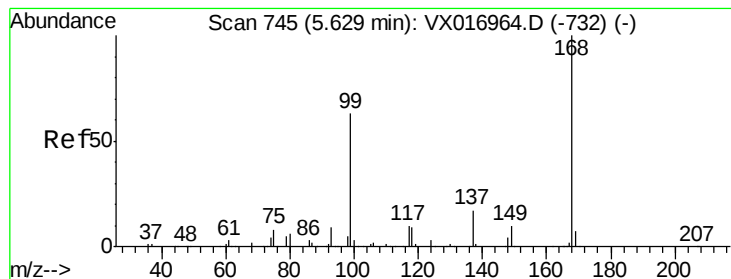
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
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Quant Title : SW846 8260
QLast Update : Fri Jun 26 08:15:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	531244	160.888	ug/l	99
94) Hexachlorobutadiene	13.76	225	185772	159.281	ug/l	95
95) Naphthalene	13.82	128	1808975	153.174	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	517729	165.154	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: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

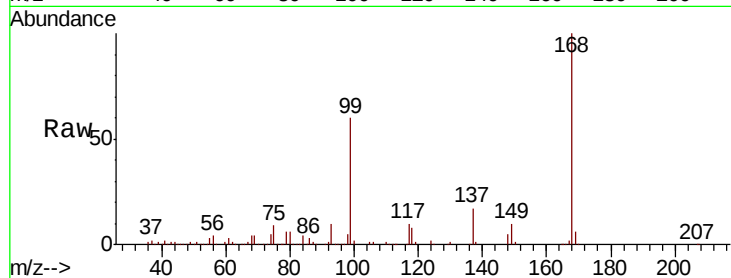
ClientSampleId :

Tot Ion:168 Resp: 208564

Ion Ratio Lower Upper

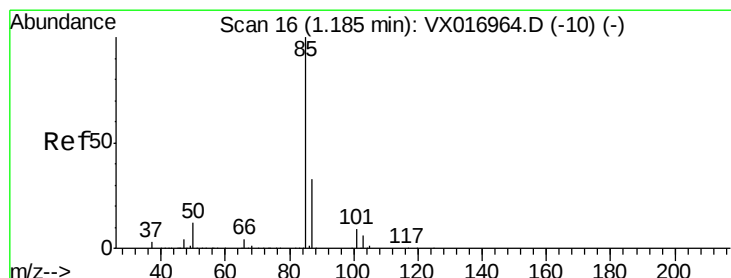
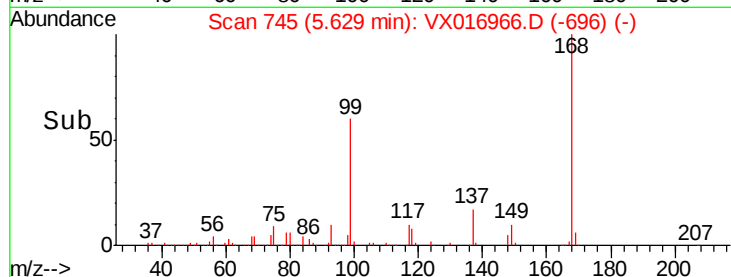
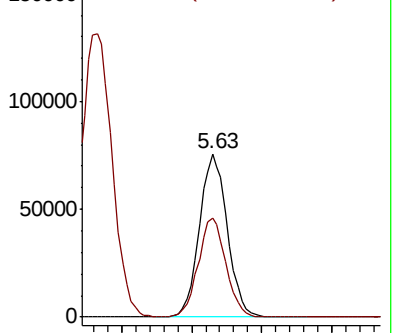
168 100

99 60.1 50.2 75.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 156.942 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016966.D

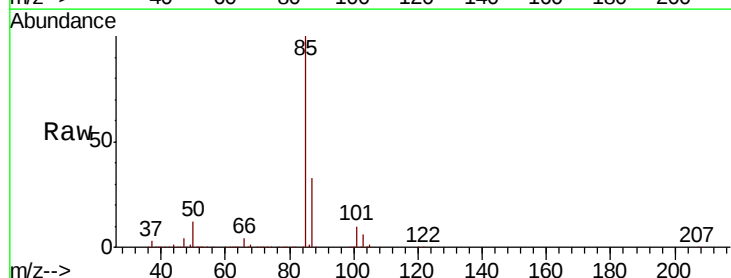
Acq: 25 Jun 2020 20:45

Tgt Ion: 85 Resp: 346059

Ion Ratio Lower Upper

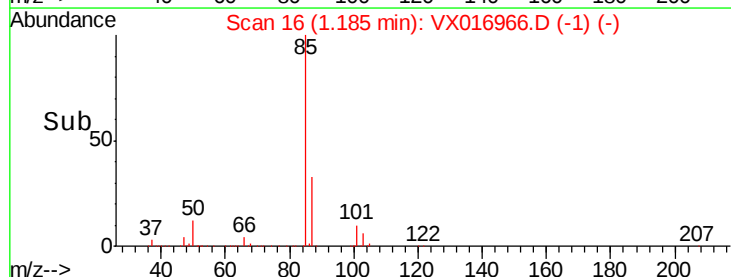
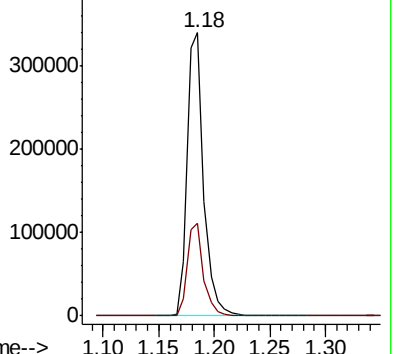
85 100

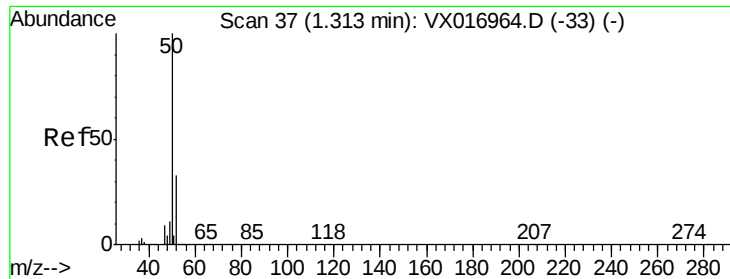
87 32.8 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

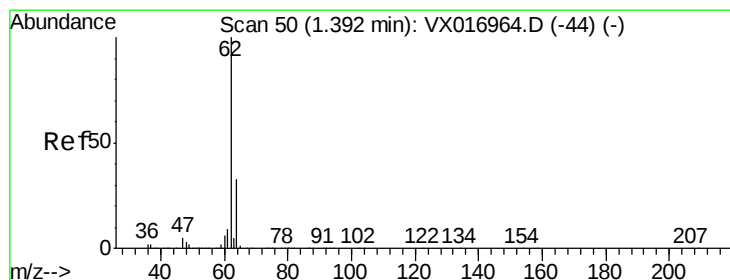
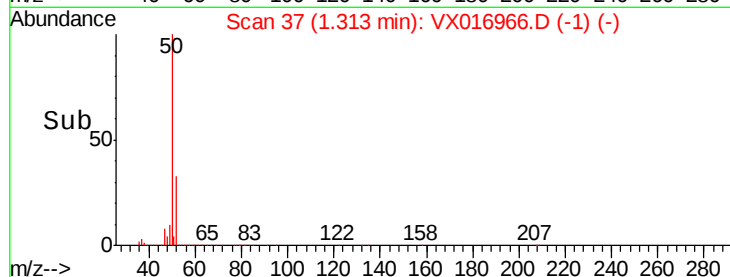
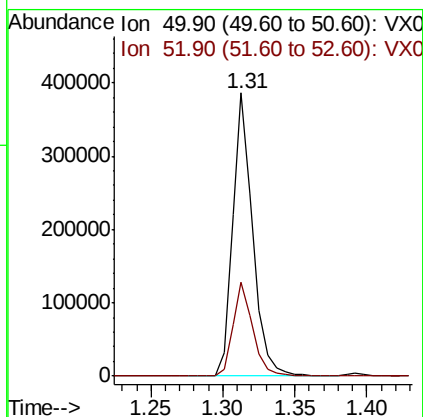
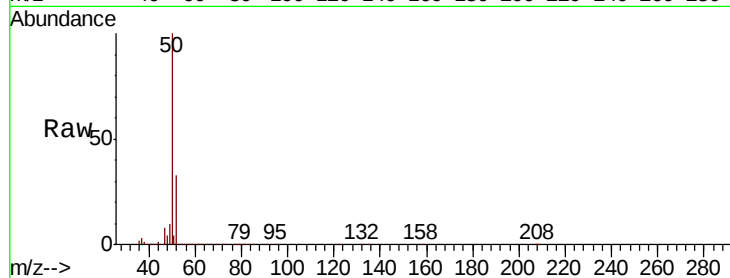




#3
Chloromethane
Concen: 157.884 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

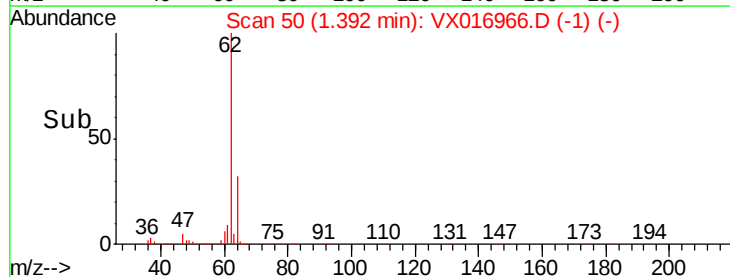
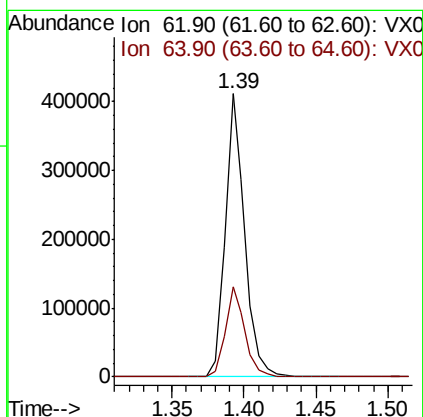
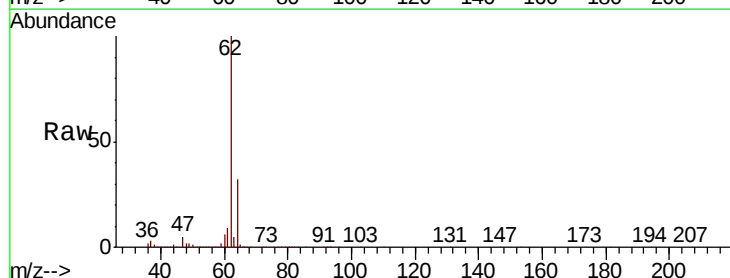
Instrument :
MSVOA_X
ClientSampleId :

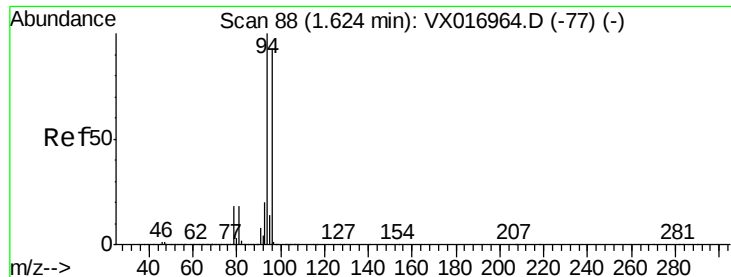
Tot Ion: 50 Resp: 377166
Ion Ratio Lower Upper
50 100
52 33.0 26.6 40.0



#4
Vinyl Chloride
Concen: 132.970 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Tgt Ion: 62 Resp: 389889
Ion Ratio Lower Upper
62 100
64 31.9 26.3 39.5





#5

Bromomethane

Concen: 201.791 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

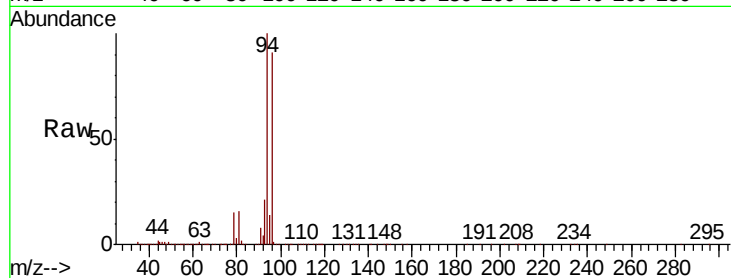
ClientSampleId :

Tot Ion: 94 Resp: 245148

Ion Ratio Lower Upper

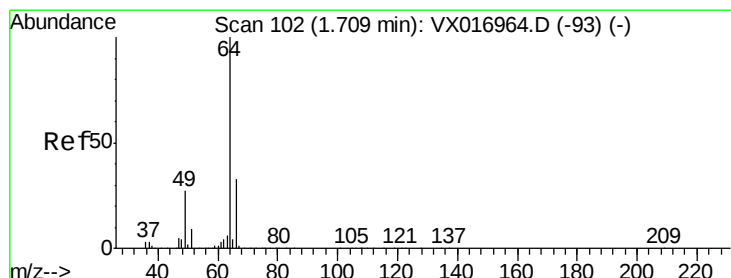
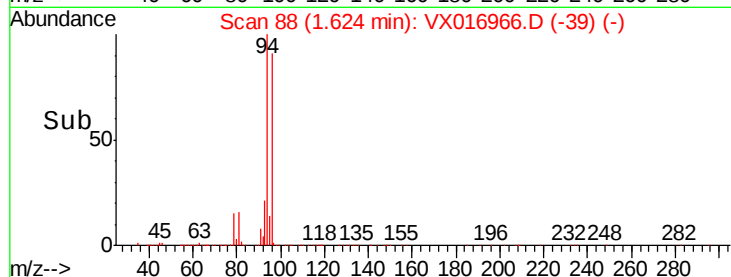
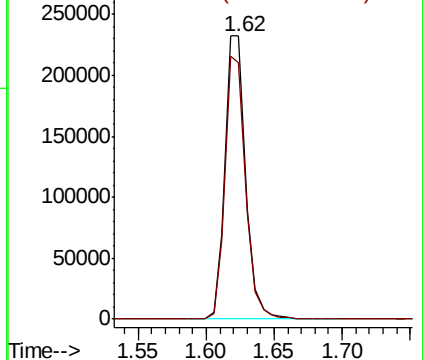
94 100

96 90.6 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 143.923 ug/l

RT: 1.69 min Scan# 99

Delta R.T. -0.02 min

Lab File: VX016966.D

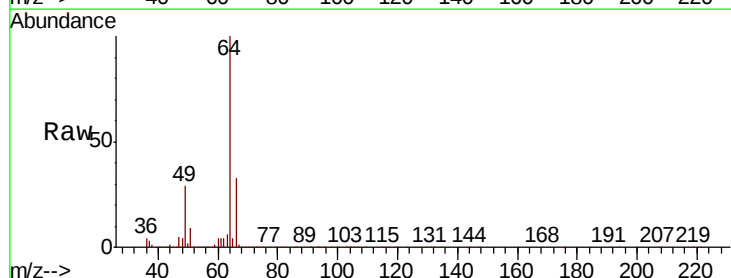
Acq: 25 Jun 2020 20:45

Tgt Ion: 64 Resp: 257369

Ion Ratio Lower Upper

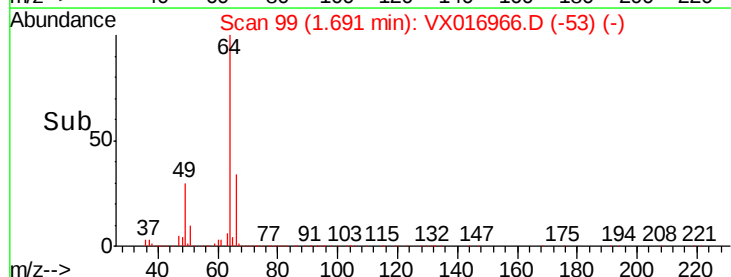
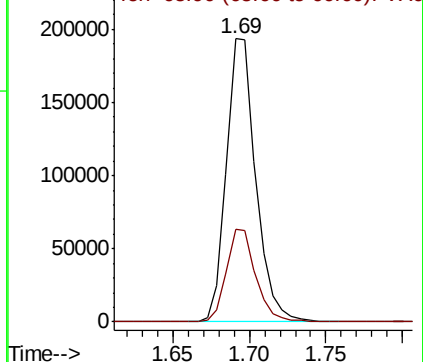
64 100

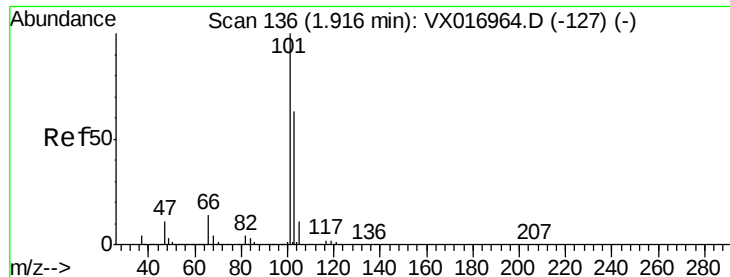
66 32.5 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



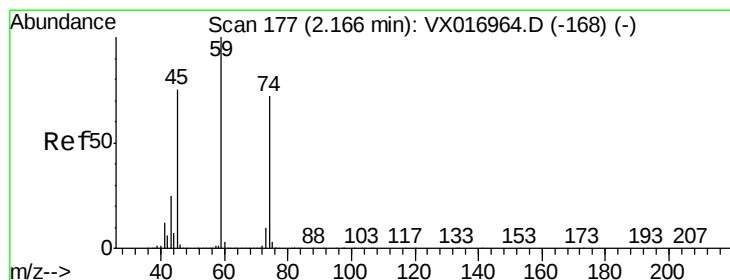
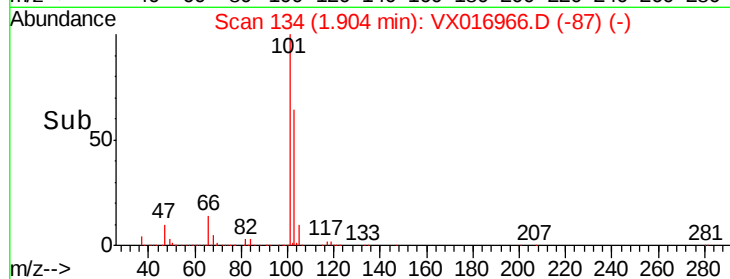
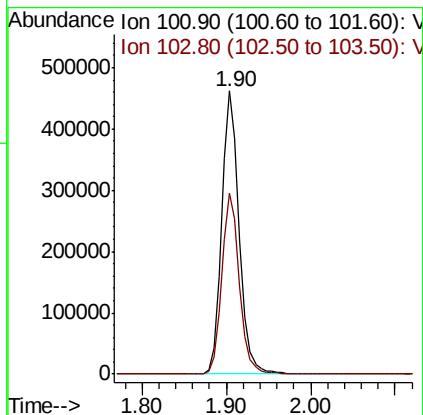
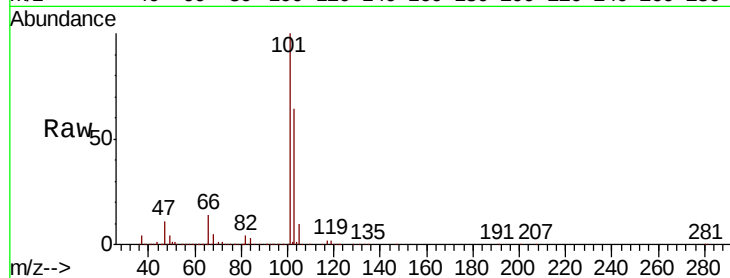


#7

Trichlorofluoromethane
Concen: 179.677 ug/l
RT: 1.90 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :

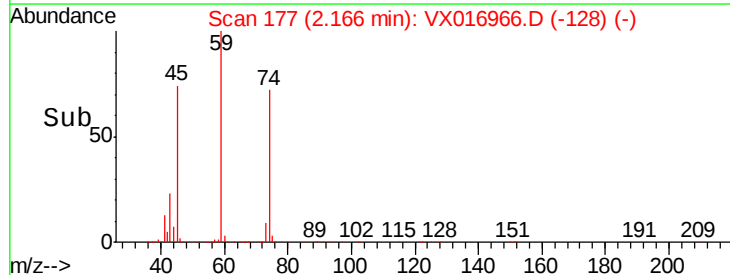
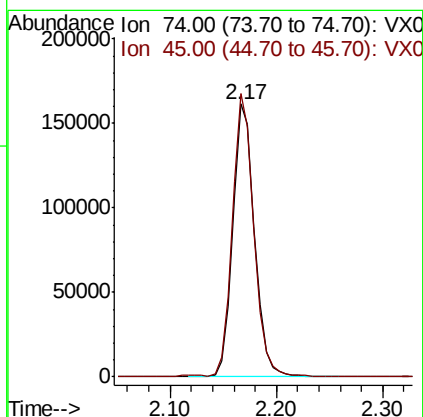
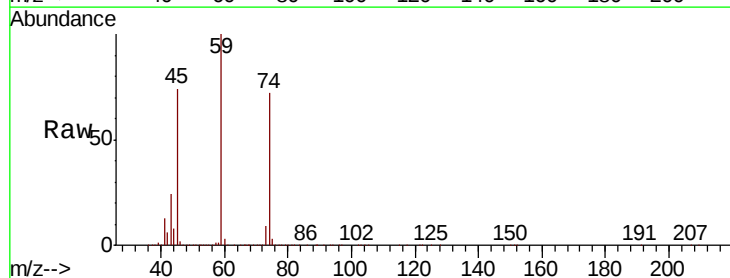
Tot Ion:101 Resp: 657988
Ion Ratio Lower Upper
101 100
103 64.0 50.2 75.4

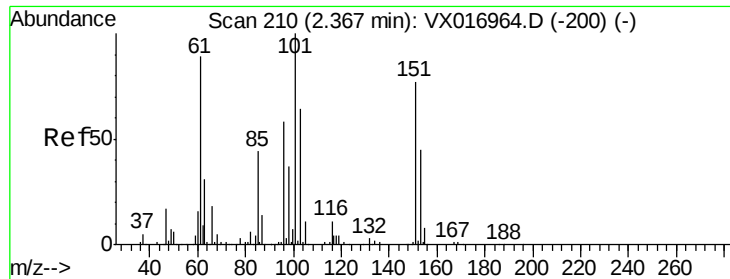


#8

Diethyl Ether
Concen: 138.553 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Tgt Ion: 74 Resp: 231124
Ion Ratio Lower Upper
74 100
45 101.3 50.5 151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 151.928 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

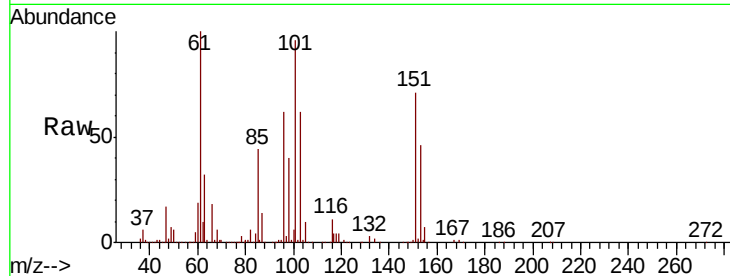
Tot Ion:101 Resp: 341837

Ion Ratio Lower Upper

101 100

85 46.0 36.8 55.2

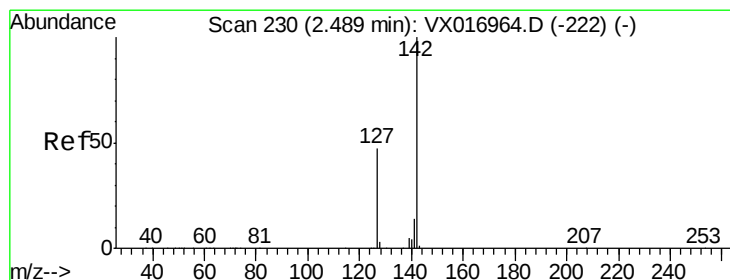
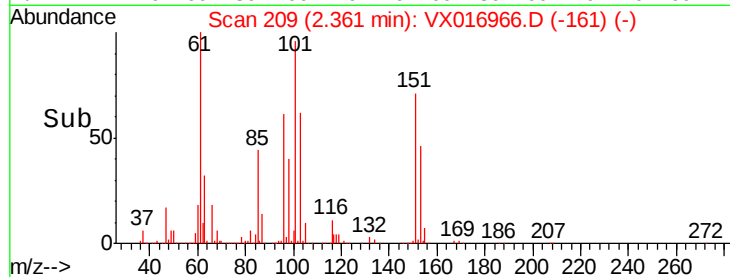
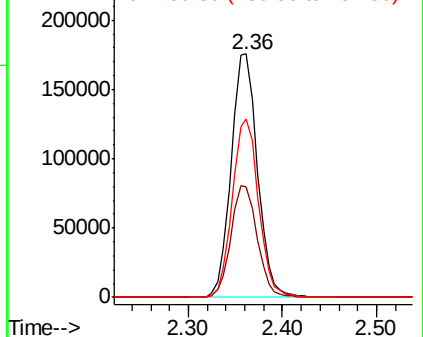
151 73.2 59.8 89.6



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: 180.564 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

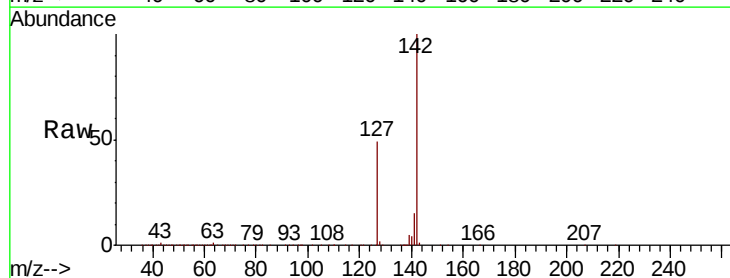
Tgt Ion:142 Resp: 445424

Ion Ratio Lower Upper

142 100

127 48.0 37.4 56.0

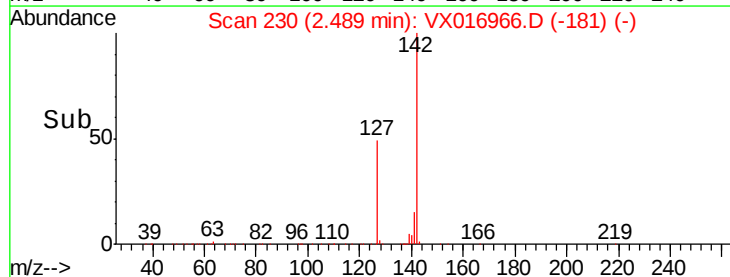
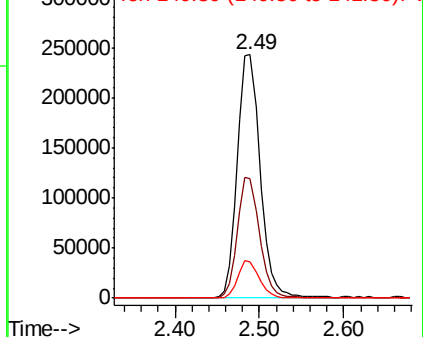
141 14.4 11.7 17.5

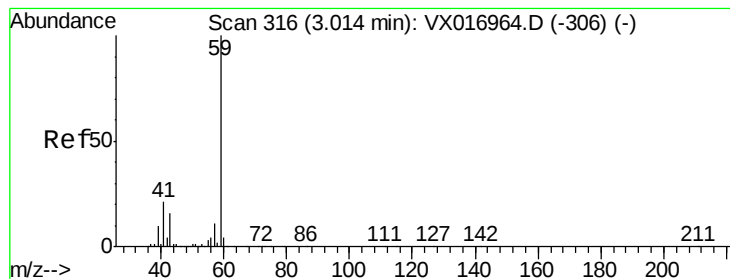


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



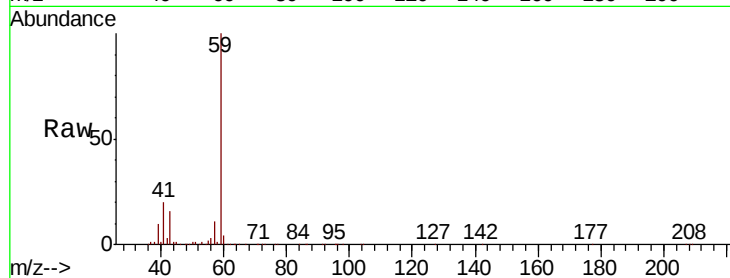


#11

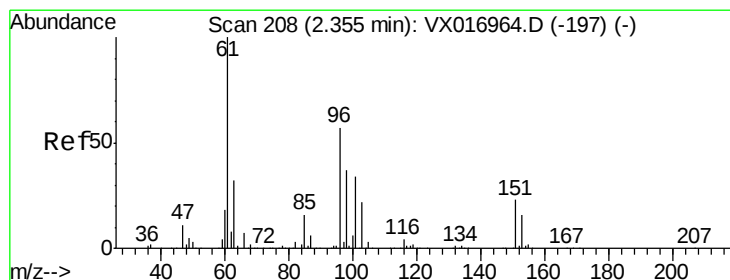
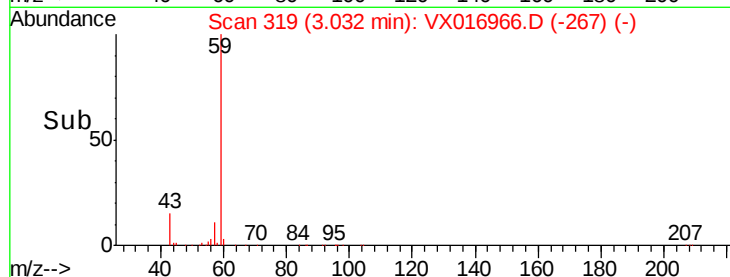
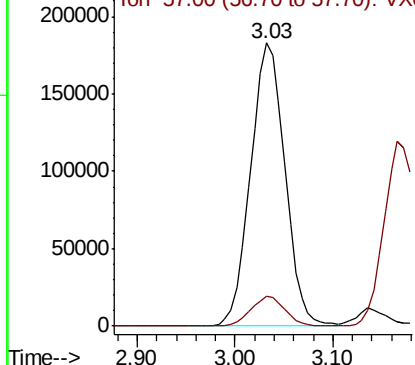
Tert butyl alcohol
Concen: 713.798 ug/l
RT: 3.03 min Scan# 319
Delta R.T. 0.02 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 59 Resp: 446517
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7



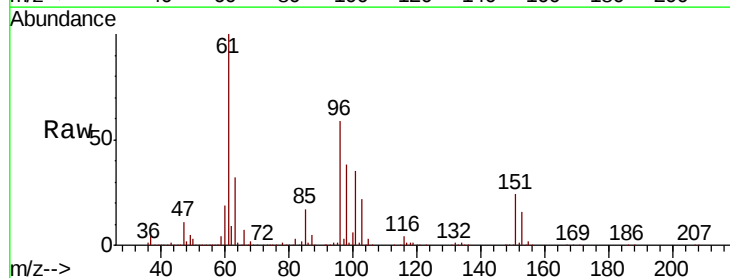
Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0



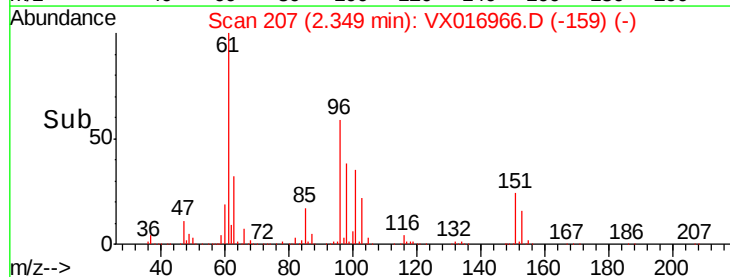
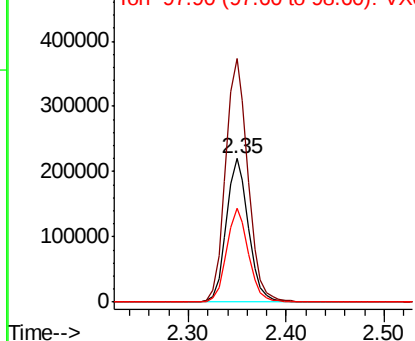
#12

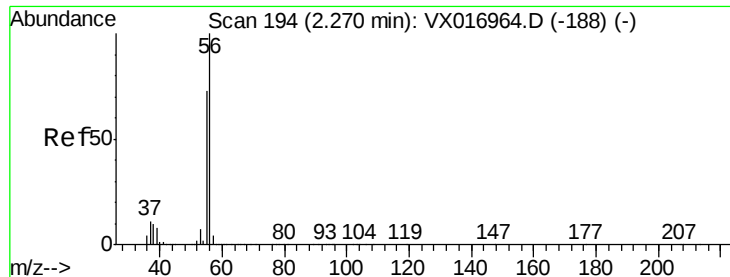
1,1-Dichloroethene
Concen: 147.062 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Tgt Ion: 96 Resp: 344649
Ion Ratio Lower Upper
96 100
61 170.0 139.7 209.5
98 65.3 51.0 76.6



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

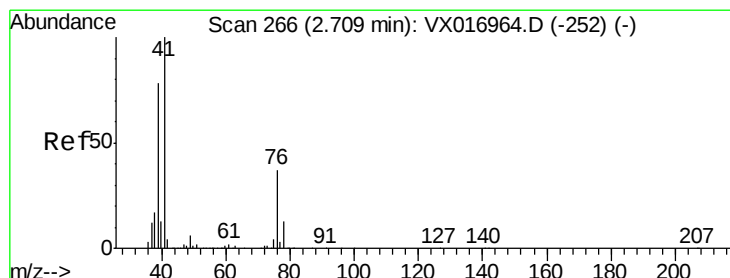
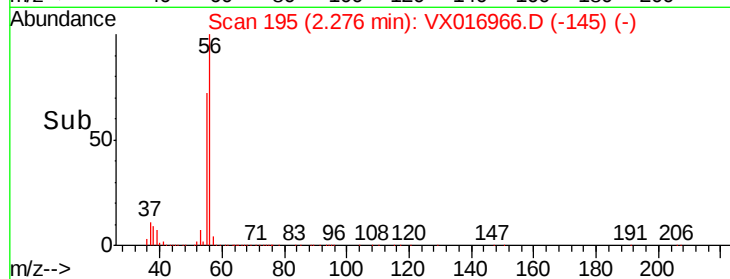
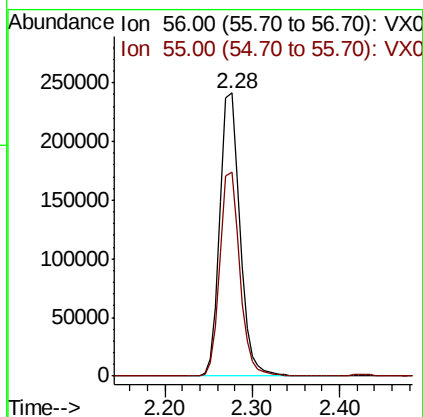
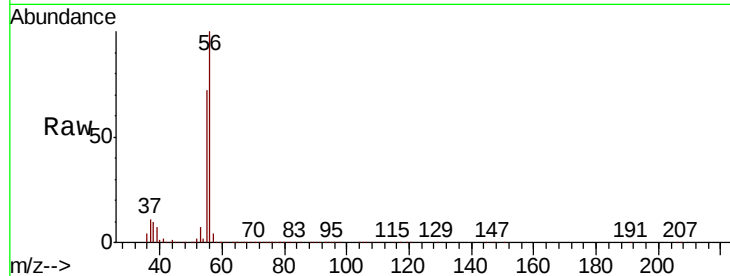




#13
Acrolein
Concen: 946.937 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

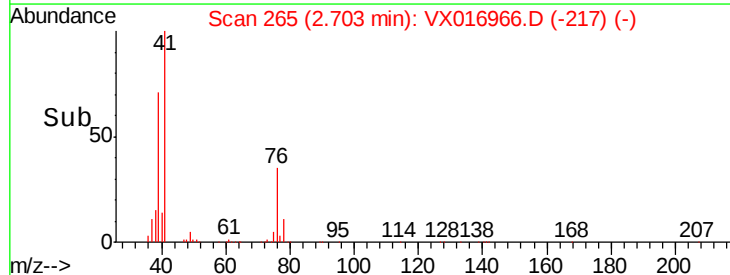
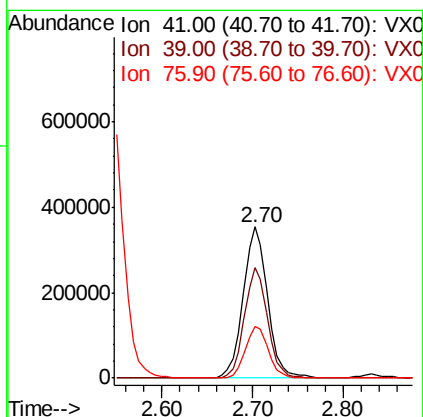
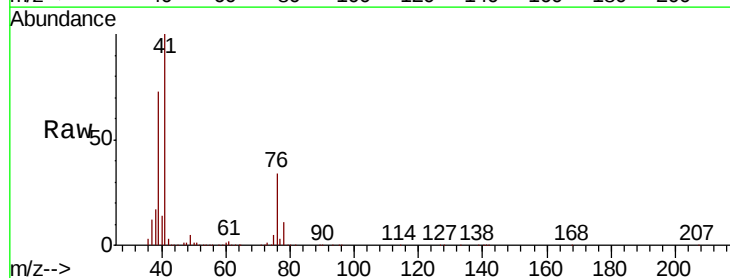
Instrument :
MSVOA_X
ClientSampled :

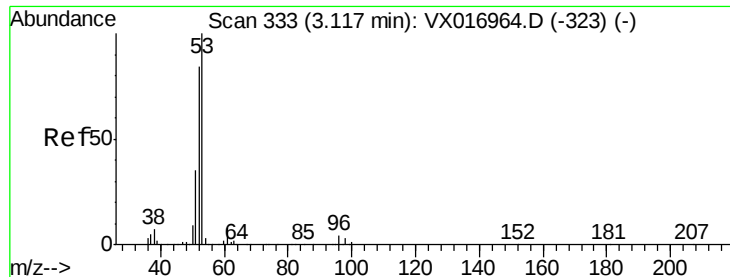
Tot Ion: 56 Resp: 384177
Ion Ratio Lower Upper
56 100
55 71.4 57.5 86.3



#14
Allyl chloride
Concen: 157.220 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Tgt Ion: 41 Resp: 658229
Ion Ratio Lower Upper
41 100
39 69.5 56.4 84.6
76 32.5 26.5 39.7





#15

Acrylonitrile

Concen: 763.613 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

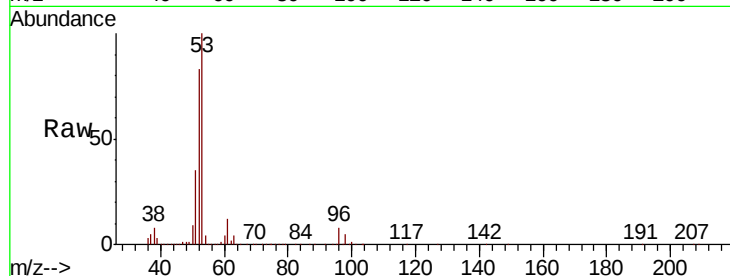
Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 53 Resp: 1045637

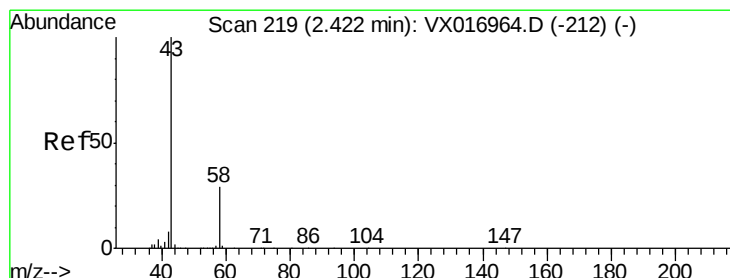
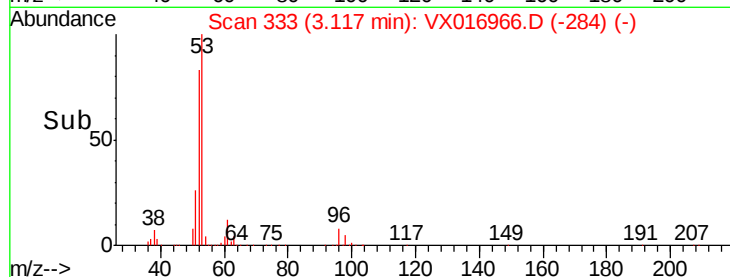
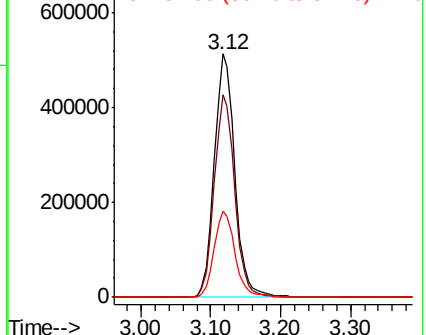
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.3	99.5
51	36.3	29.0	43.6



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: 808.322 ug/l

RT: 2.42 min Scan# 219

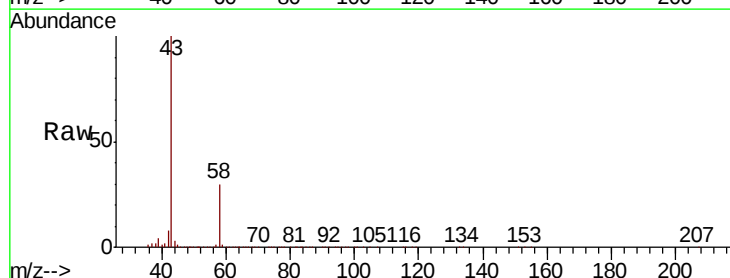
Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

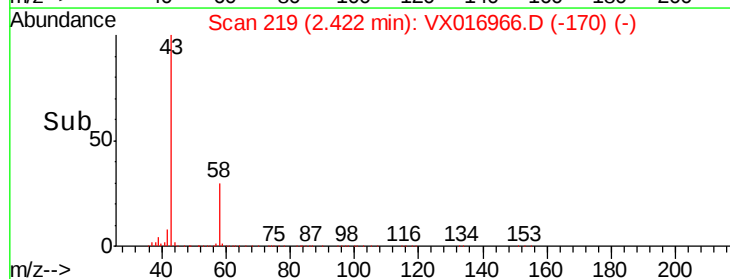
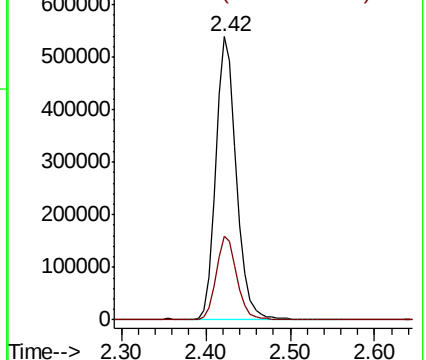
Tgt Ion: 43 Resp: 905339

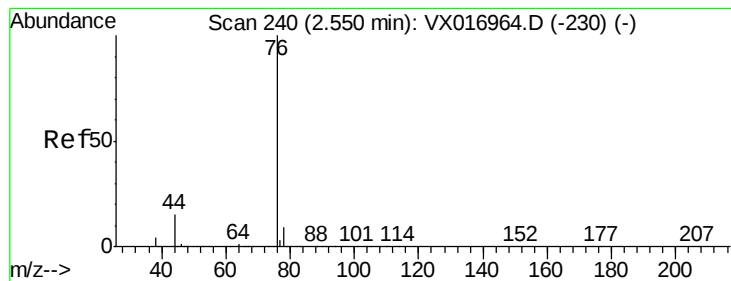
Ion	Ratio	Lower	Upper
43	100		
58	29.6	23.5	35.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 147.371 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

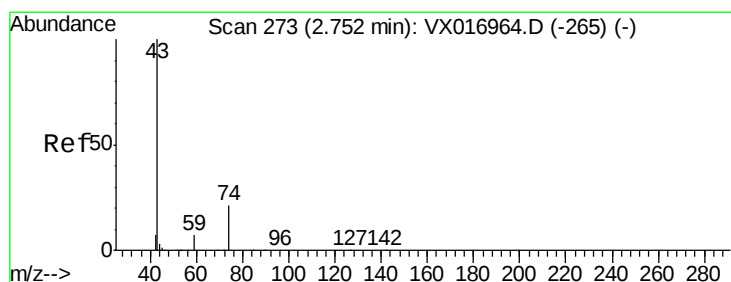
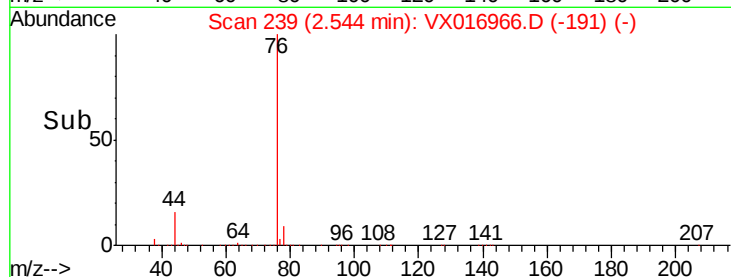
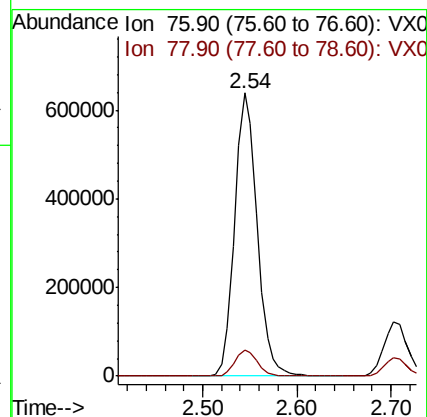
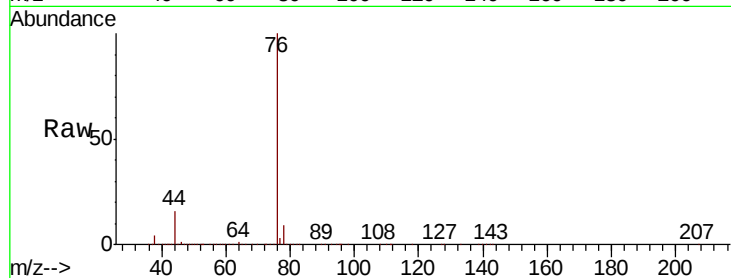
ClientSampleId :

Tot Ion: 76 Resp: 1058378

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.4



#18

Methyl Acetate

Concen: 136.111 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX016966.D

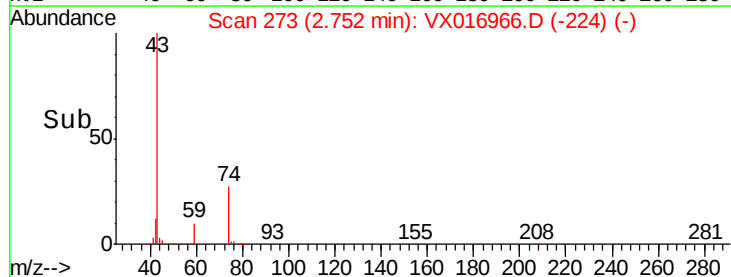
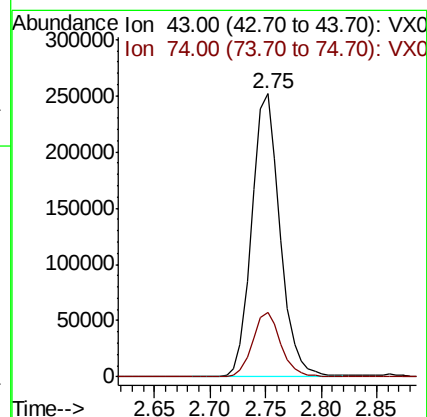
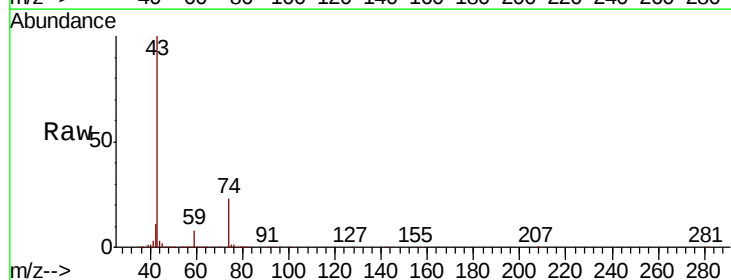
Acq: 25 Jun 2020 20:45

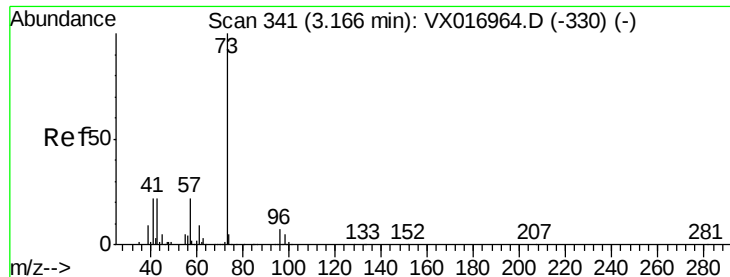
Tgt Ion: 43 Resp: 443999

Ion Ratio Lower Upper

43 100

74 23.2 18.3 27.5



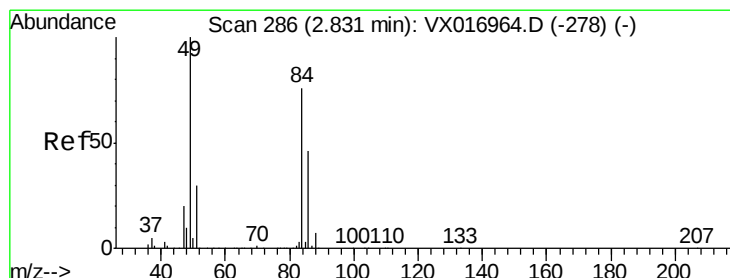
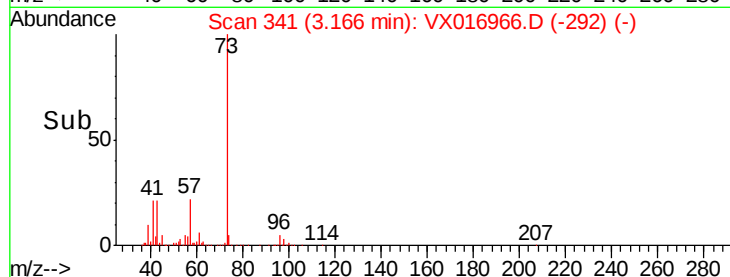
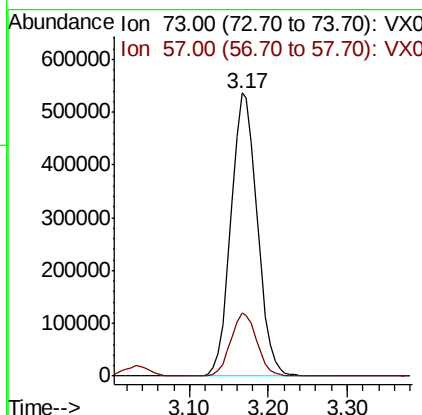
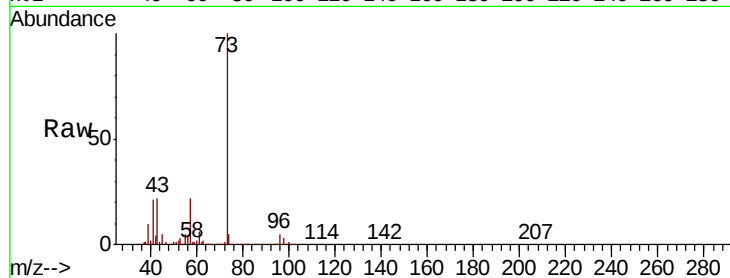


#19

Methyl tert-butyl Ether
 Concen: 148.676 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX016966.D
 Acq: 25 Jun 2020 20:45

Instrument :
 MSVOA_X
 ClientSampleId :

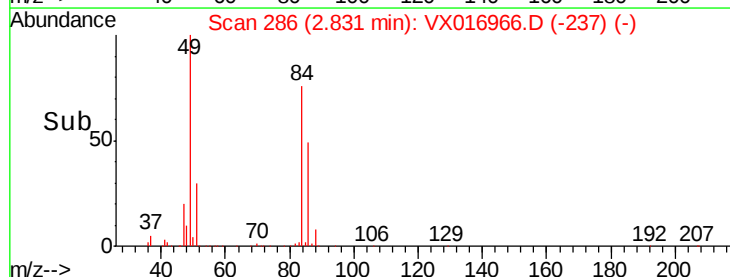
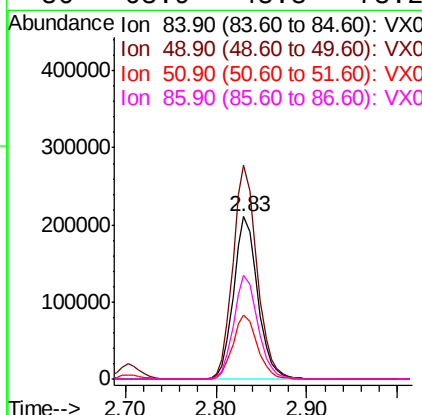
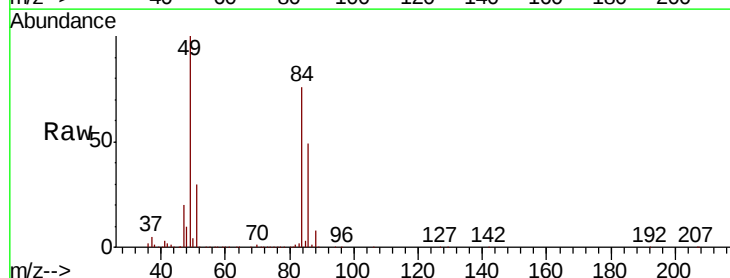
Tot Ion: 73 Resp: 1244632
 Ion Ratio Lower Upper
 73 100
 57 22.2 17.8 26.8

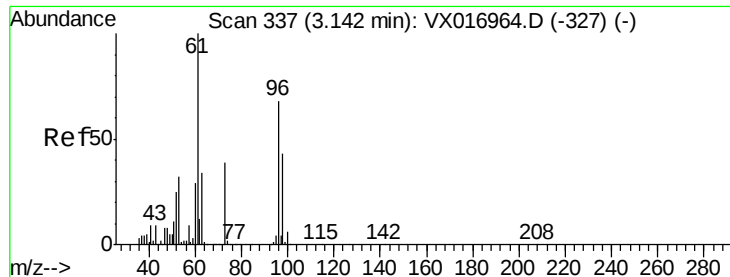


#20

Methylene Chloride
 Concen: 143.337 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX016966.D
 Acq: 25 Jun 2020 20:45

Tgt Ion: 84 Resp: 388783
 Ion Ratio Lower Upper
 84 100
 49 131.5 105.6 158.4
 51 39.8 31.2 46.8
 86 63.9 48.8 73.2





#21

trans-1,2-Dichloroethene

Concen: 144.852 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :

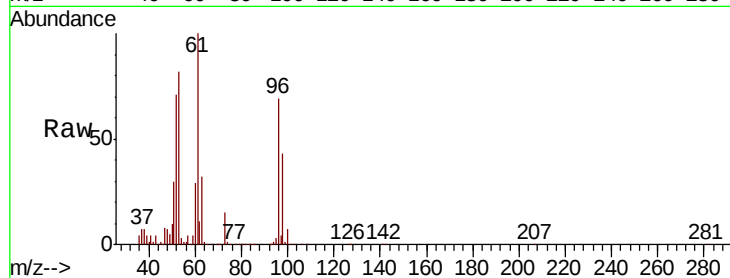
Tot Ion: 96 Resp: 378190

Ion Ratio Lower Upper

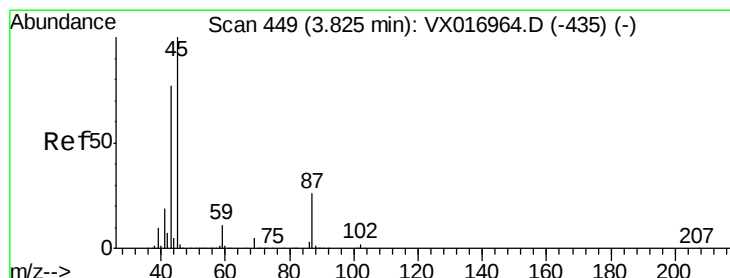
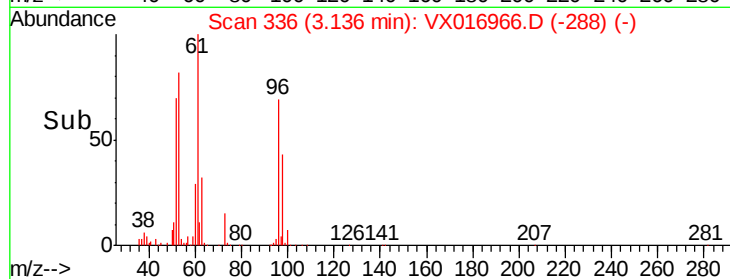
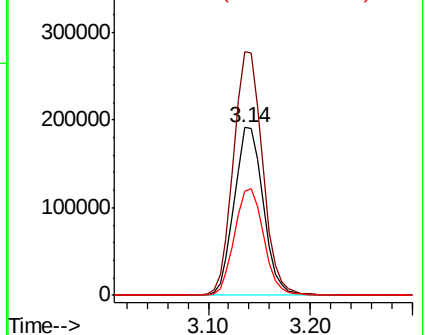
96 100

61 144.9 116.7 175.1

98 61.8 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: 161.289 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Tgt Ion: 45 Resp: 1333842

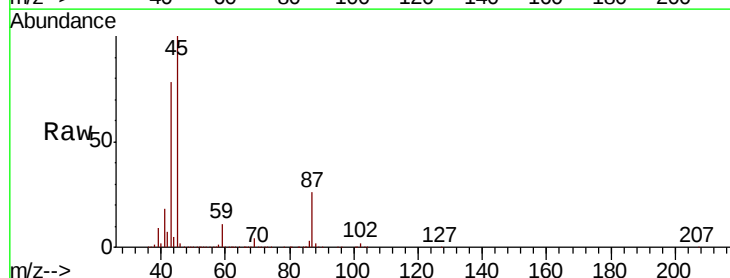
Ion Ratio Lower Upper

45 100

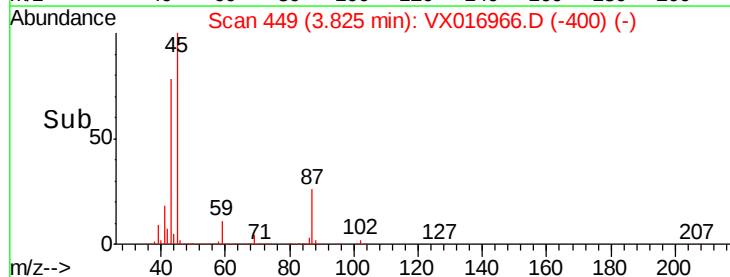
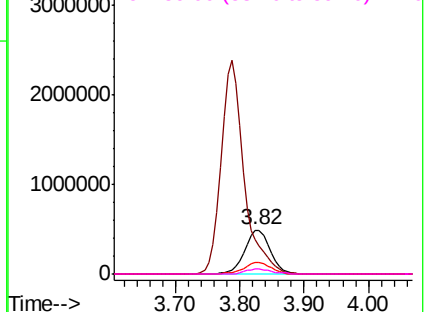
43 77.8 62.7 94.1

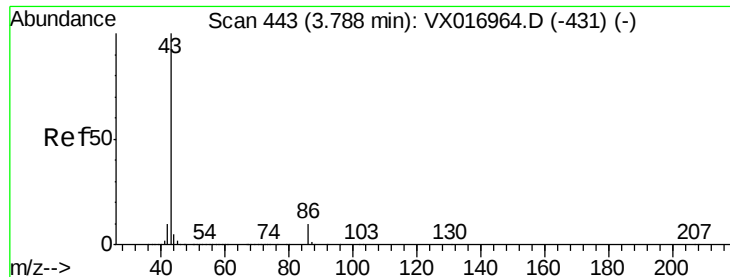
87 25.9 21.0 31.4

59 11.0 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: 878.238 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

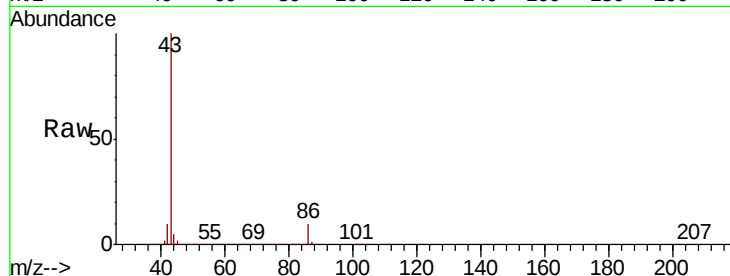
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 6003251

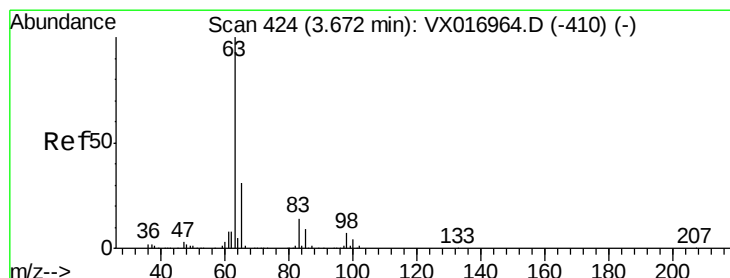
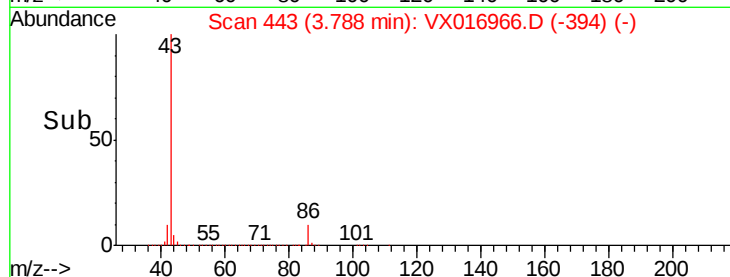
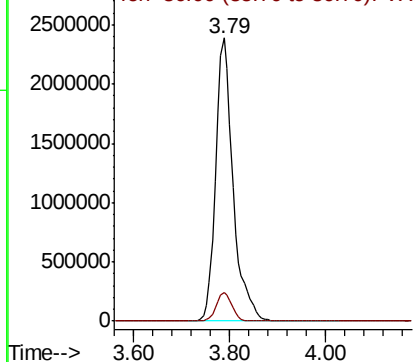
Ion Ratio Lower Upper

43 100

86 10.3 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: 149.303 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

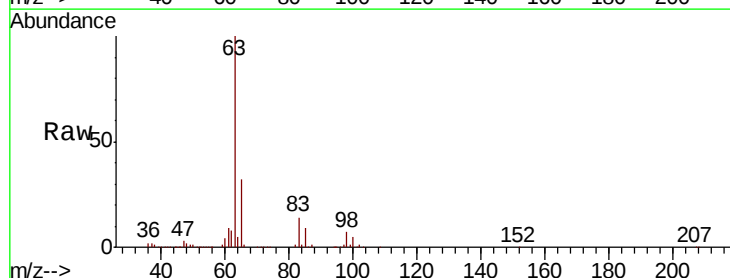
Tgt Ion: 63 Resp: 700332

Ion Ratio Lower Upper

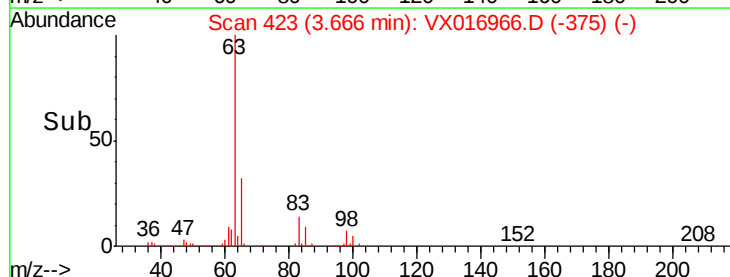
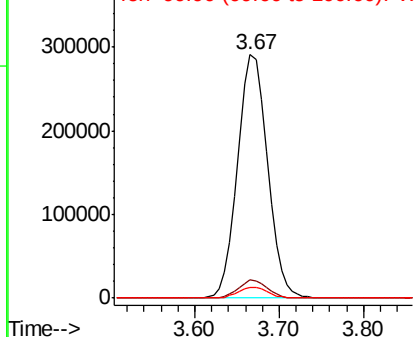
63 100

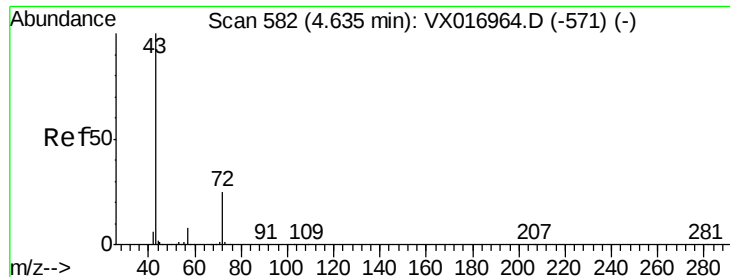
98 7.3 3.6 10.8

100 4.5 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

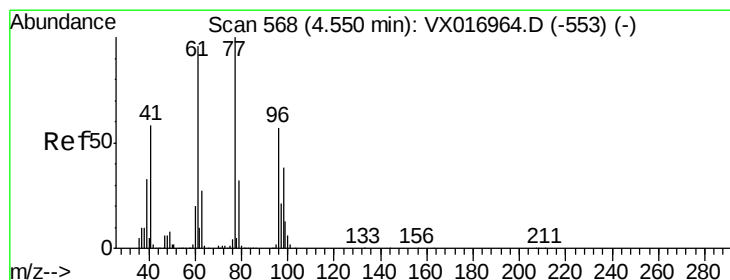
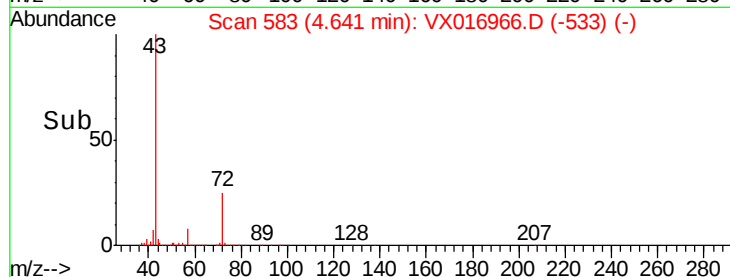
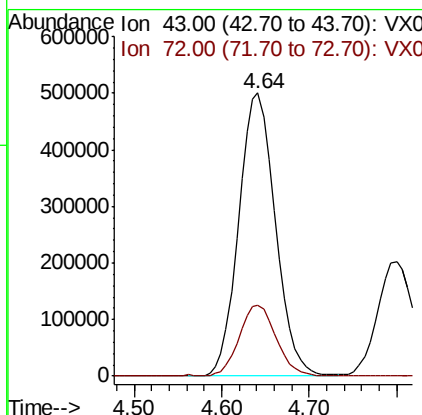
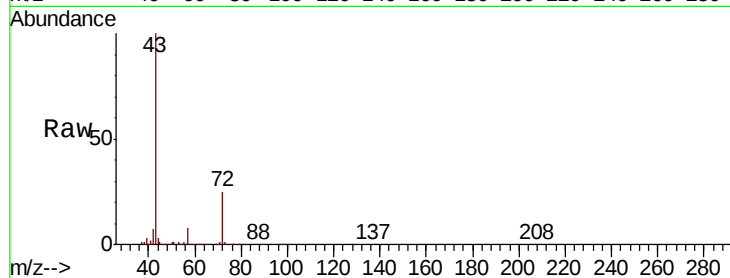




#25
2-Butanone
Concen: 806.801 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

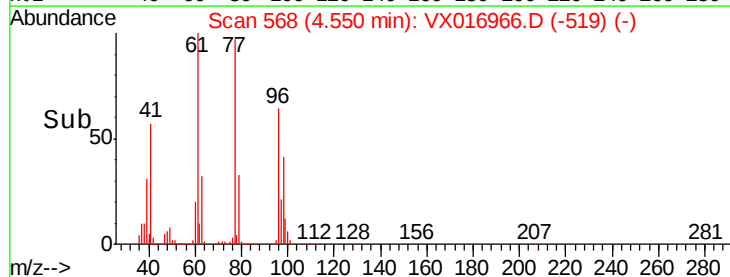
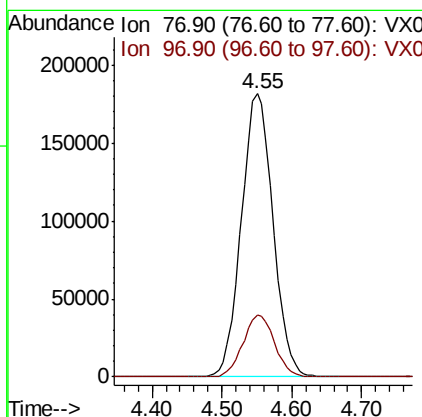
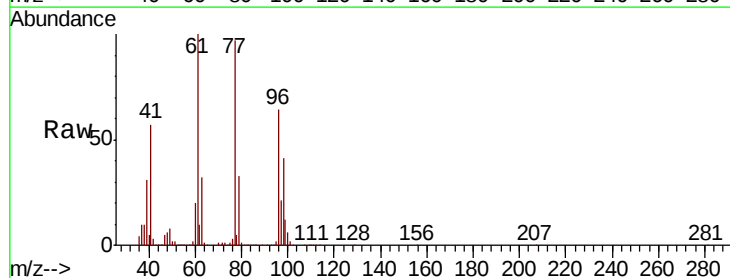
Instrument :
MSVOA_X
ClientSampled :

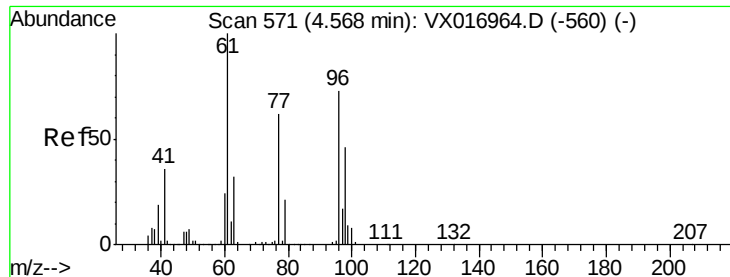
Tot Ion: 43 Resp: 1454585
Ion Ratio Lower Upper
43 100
72 25.1 20.0 30.0



#26
2,2-Dichloropropane
Concen: 139.395 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Tgt Ion: 77 Resp: 570369
Ion Ratio Lower Upper
77 100
97 21.8 11.2 33.5



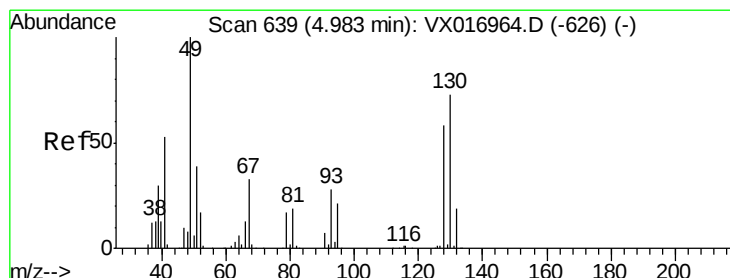
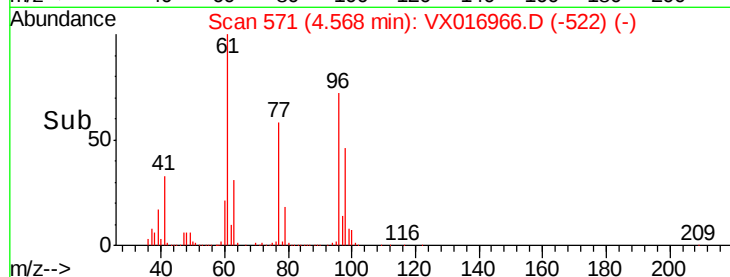
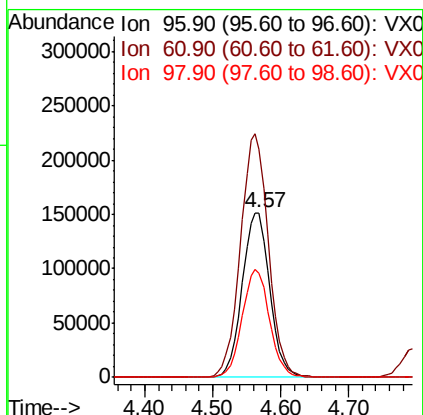
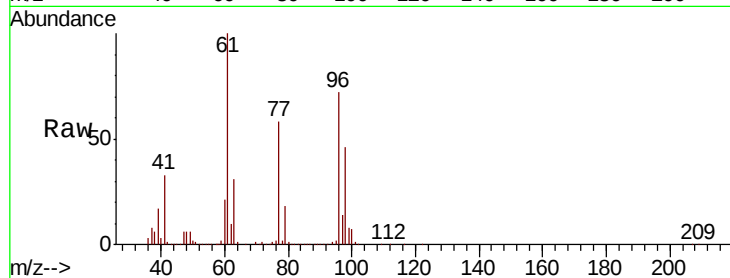


#27

cis-1,2-Dichloroethene
Concen: 144.617 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :

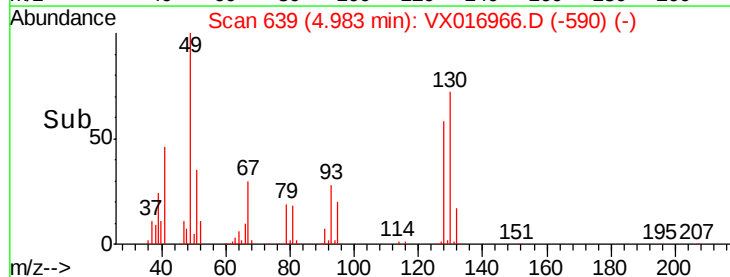
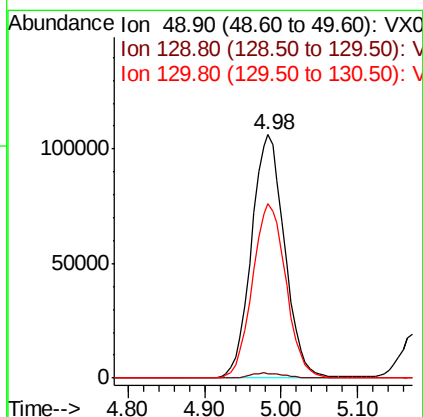
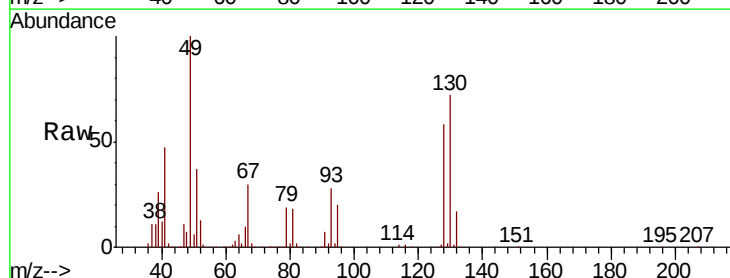
Tot Ion	Ratio	Lower	Upper
96	100		
61	150.6	0.0	307.2
98	65.0	0.0	128.4

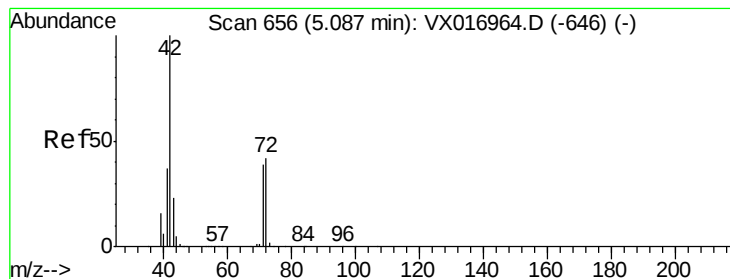


#28

Bromochloromethane
Concen: 154.620 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	72.4	58.7	88.1





#29

Tetrahydrofuran

Concen: 807.889 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

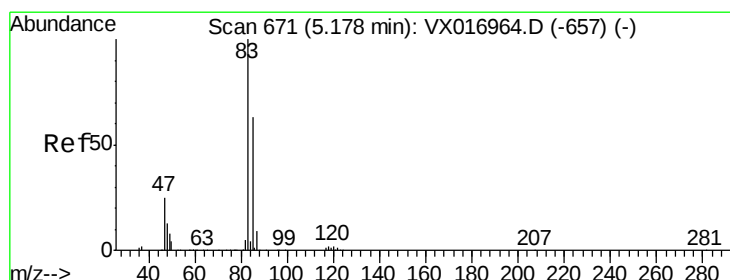
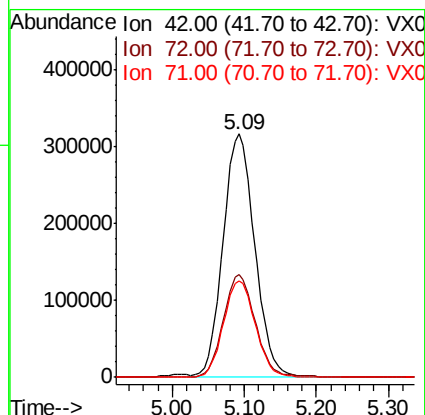
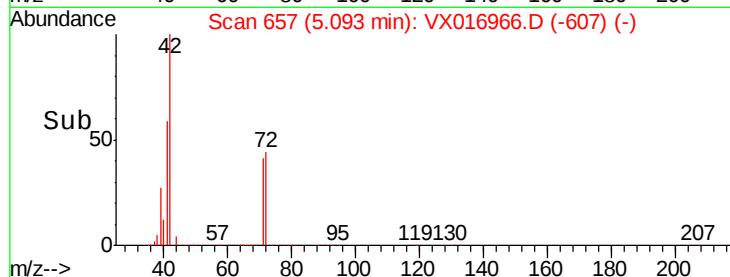
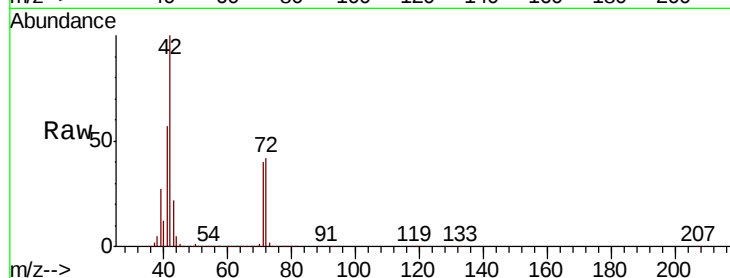
Tot Ion: 42 Resp: 964036

Ion Ratio Lower Upper

42 100

72 42.9 34.1 51.1

71 40.0 32.1 48.1



#30

Chloroform

Concen: 154.643 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX016966.D

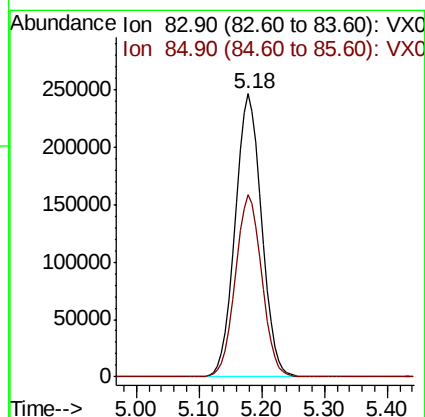
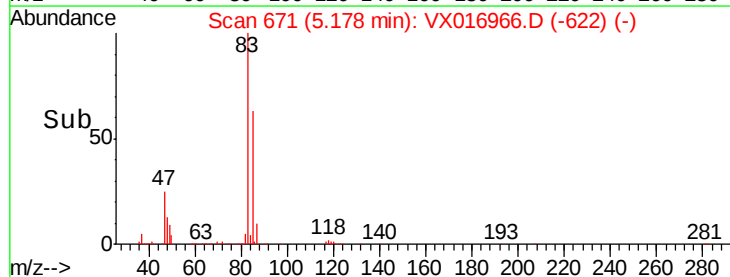
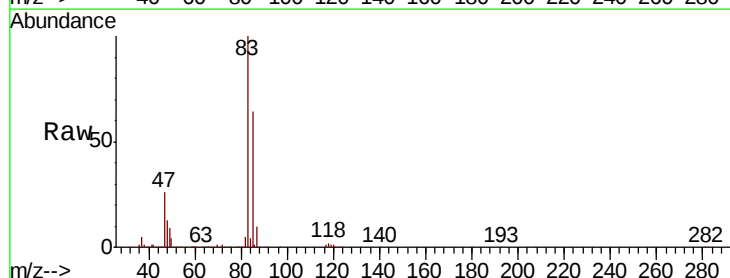
Acq: 25 Jun 2020 20:45

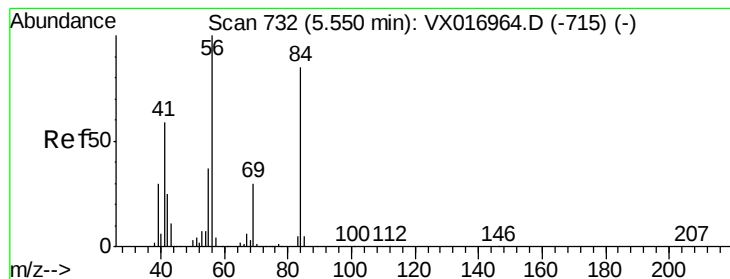
Tgt Ion: 83 Resp: 718980

Ion Ratio Lower Upper

83 100

85 64.4 50.7 76.1





#31

Cyclohexane

Concen: 140.945 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

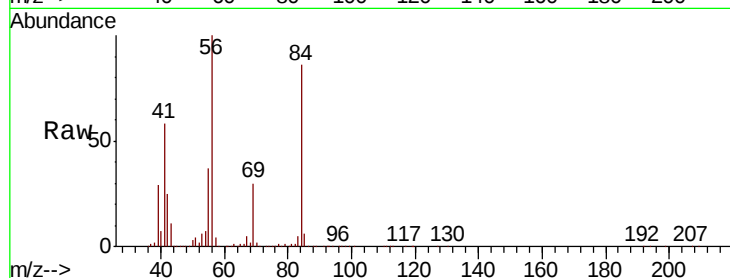
Tot Ion: 56 Resp: 612288

Ion Ratio Lower Upper

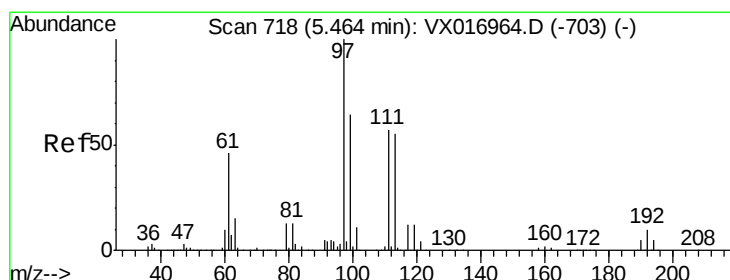
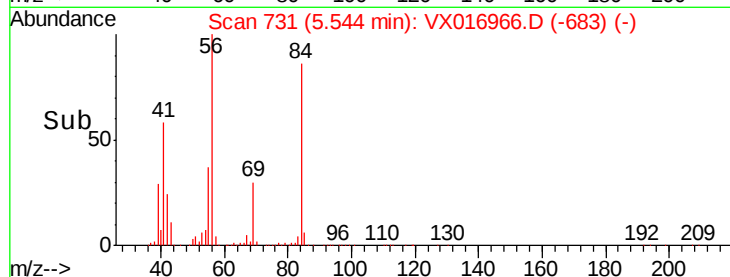
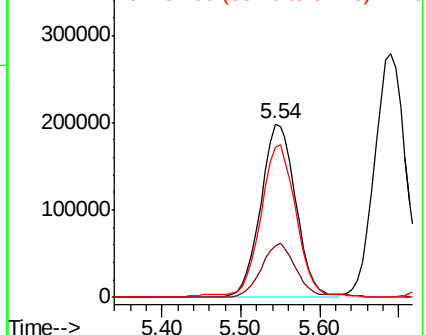
56 100

69 29.9 23.6 35.4

84 85.6 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: 153.328 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

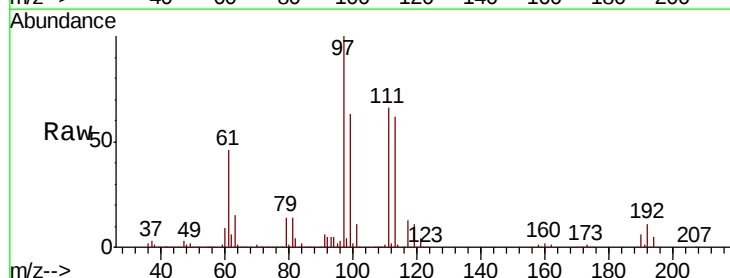
Tgt Ion: 97 Resp: 643797

Ion Ratio Lower Upper

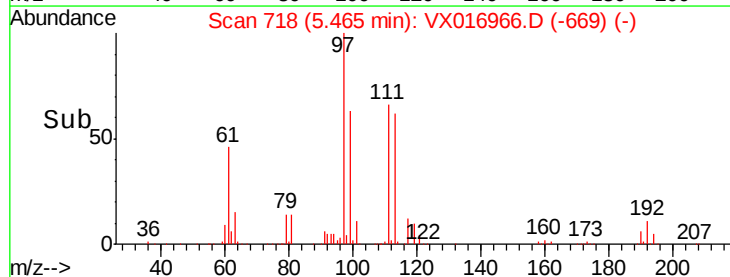
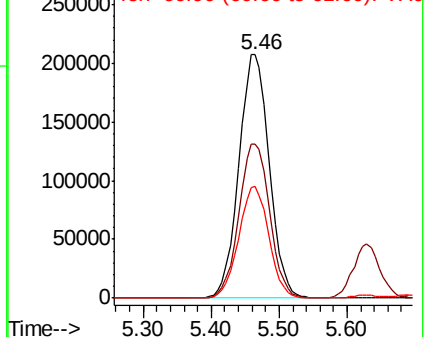
97 100

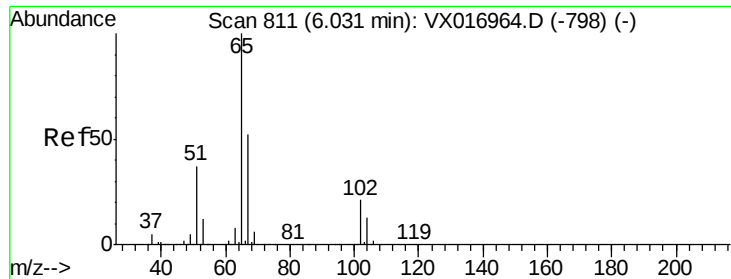
99 64.1 51.4 77.2

61 45.6 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: 162.282 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

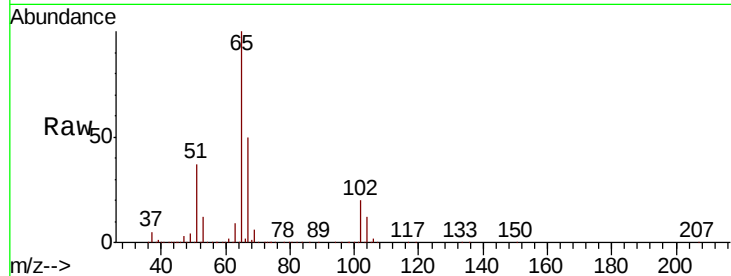
ClientSampleId :

Tot Ion: 65 Resp: 483219

Ion Ratio Lower Upper

65 100

67 50.7 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

200000

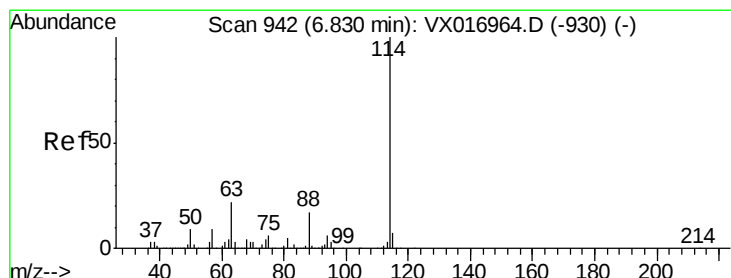
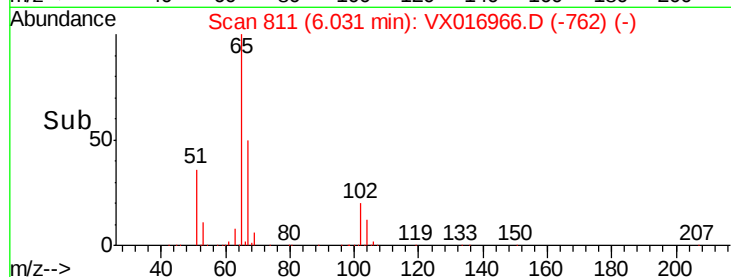
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

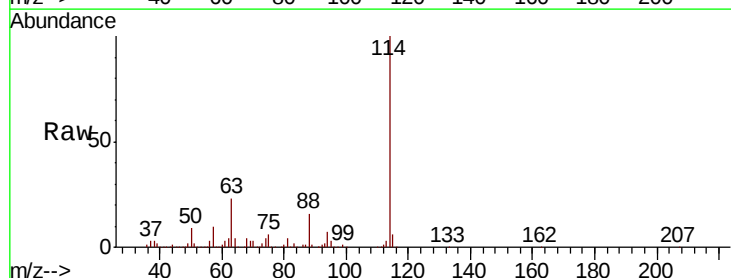
Tgt Ion: 114 Resp: 351001

Ion Ratio Lower Upper

114 100

63 23.1 0.0 44.4

88 15.8 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

200000

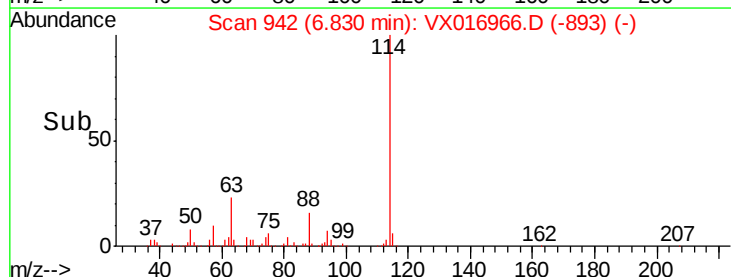
150000

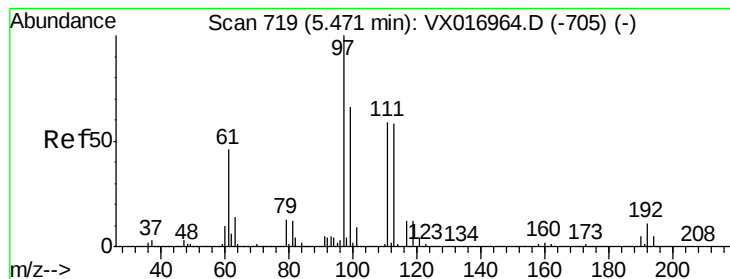
100000

50000

0

Time-->





#35

Dibromofluoromethane

Concen: 187.704 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

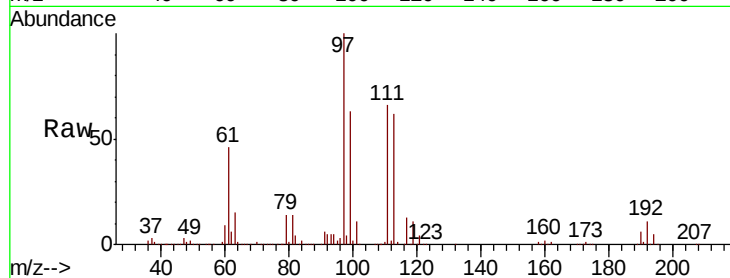
Tot Ion:113 Resp: 369511

Ion Ratio Lower Upper

113 100

111 103.0 84.3 126.5

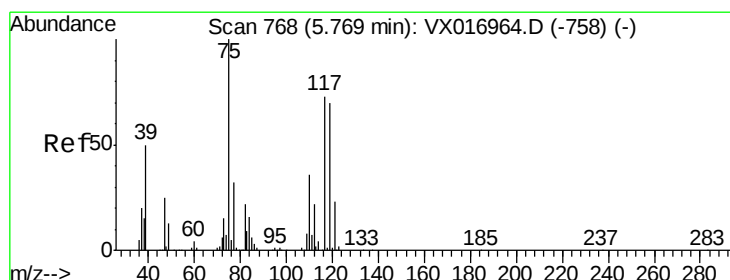
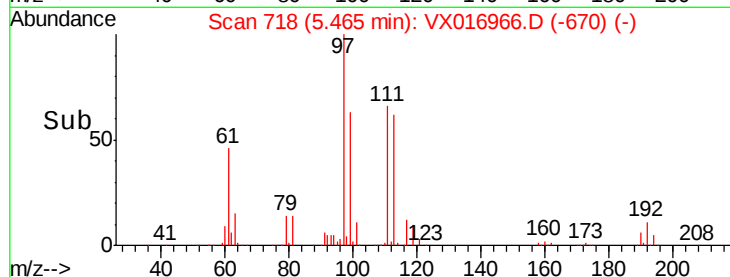
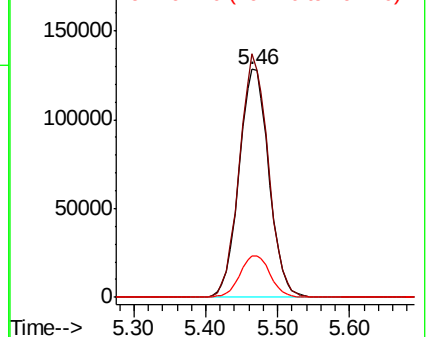
192 18.5 15.2 22.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 158.319 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

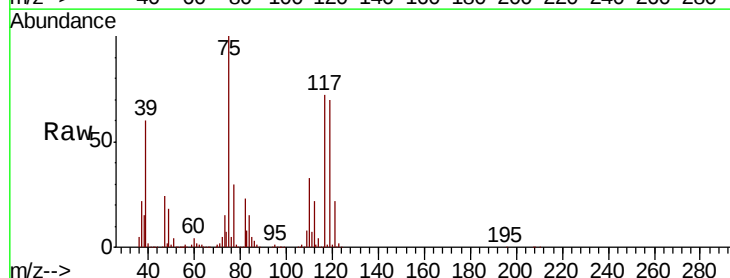
Tgt Ion: 75 Resp: 533928

Ion Ratio Lower Upper

75 100

110 33.9 17.2 51.6

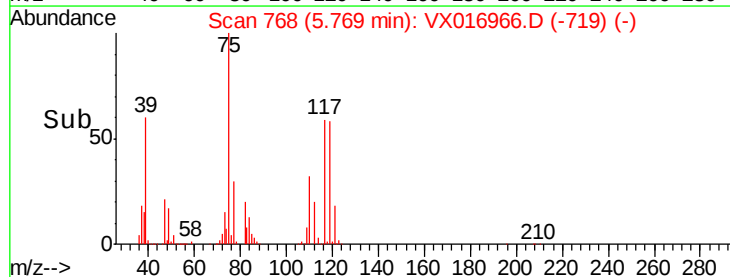
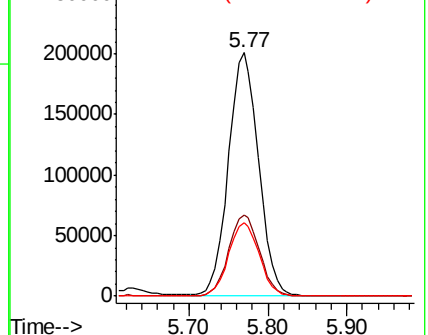
77 31.1 24.7 37.1

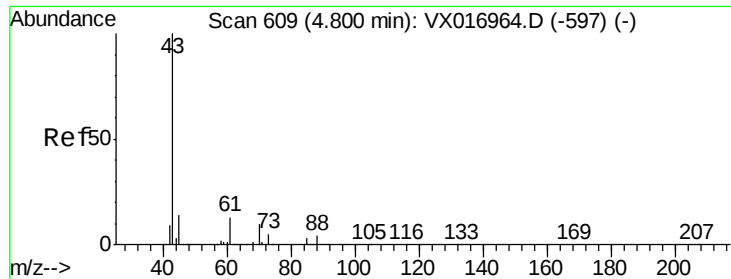


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

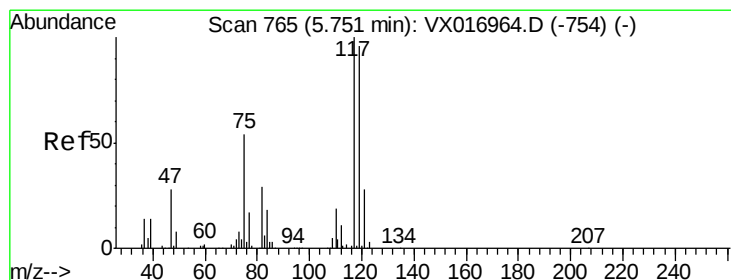
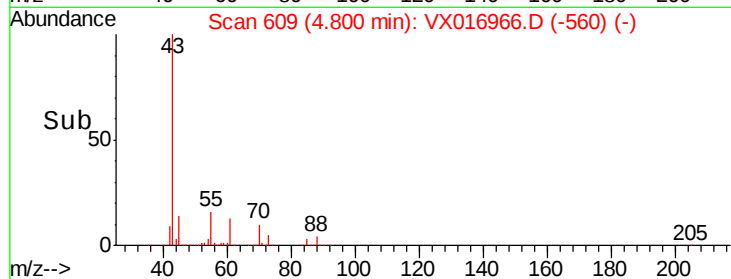
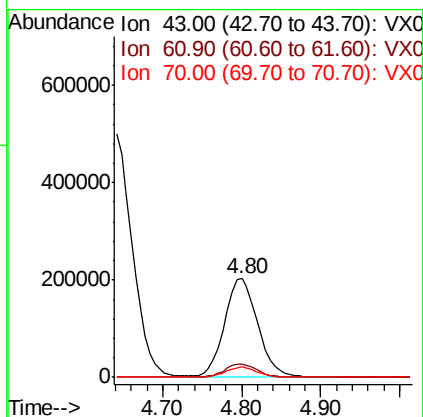
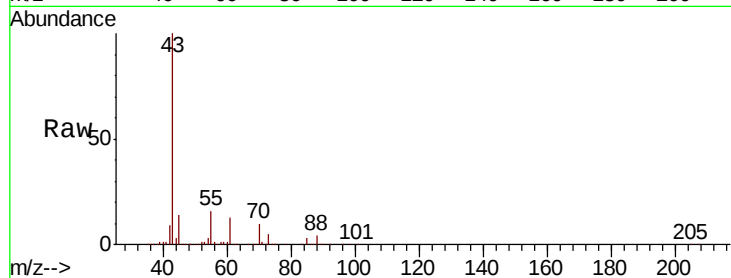




#37
Ethyl Acetate
Concen: 172.659 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

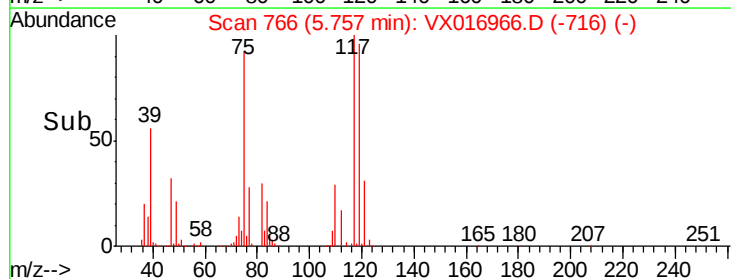
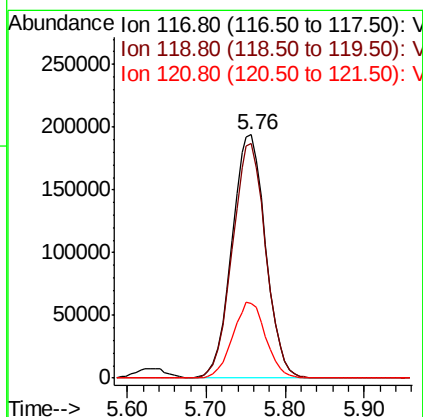
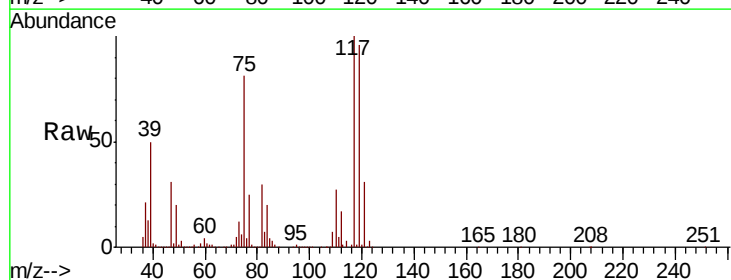
Instrument :
MSVOA_X
ClientSampleId :

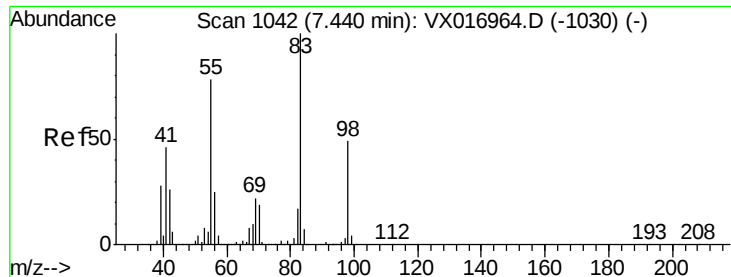
Tot Ion: 43 Resp: 593037
Ion Ratio Lower Upper
43 100
61 13.5 10.8 16.2
70 10.0 8.0 12.0



#38
Carbon Tetrachloride
Concen: 180.939 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Tgt Ion: 117 Resp: 573554
Ion Ratio Lower Upper
117 100
119 96.4 76.6 114.8
121 30.7 22.5 33.7

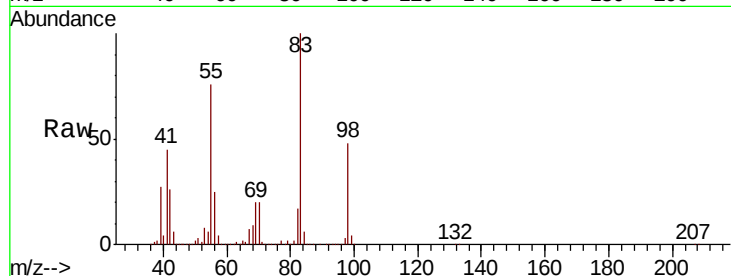




#39
Methylvlcyclohexane
Concen: 151.010 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.2	62.4	93.6
98	48.4	39.4	59.0

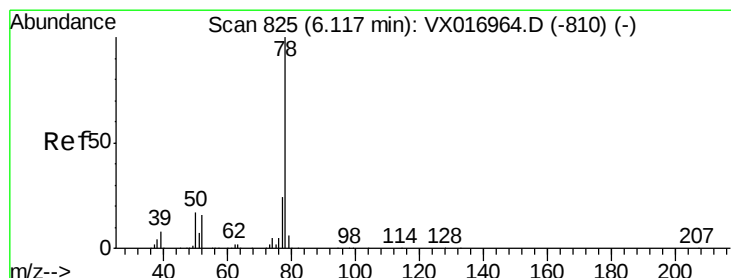
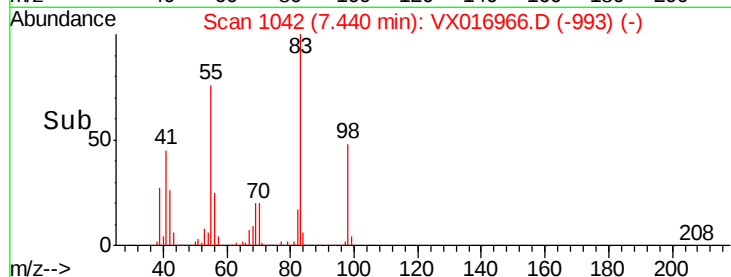
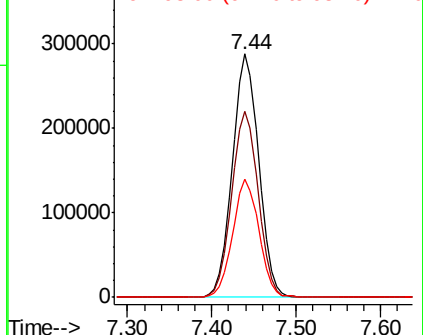


Abundance

Ion 83.00 (82.70 to 83.70): VX0

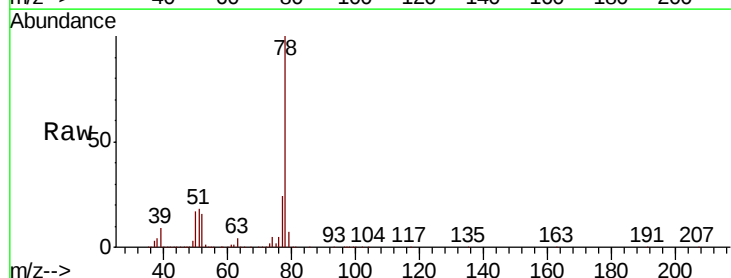
Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40
Benzene
Concen: 156.020 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

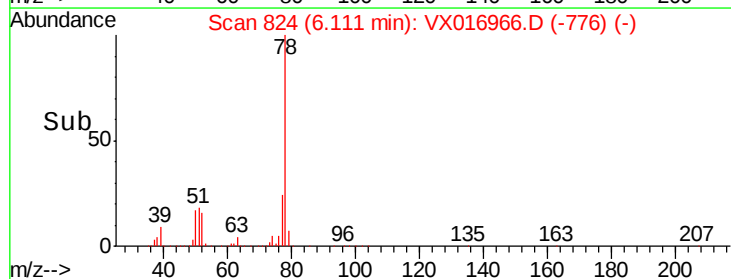
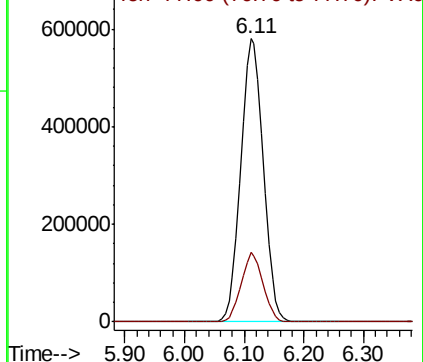
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.9	28.3

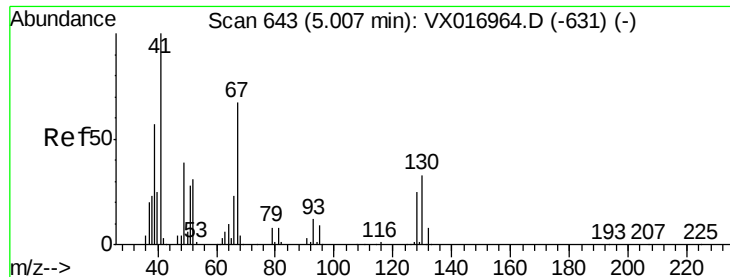


Abundance

Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

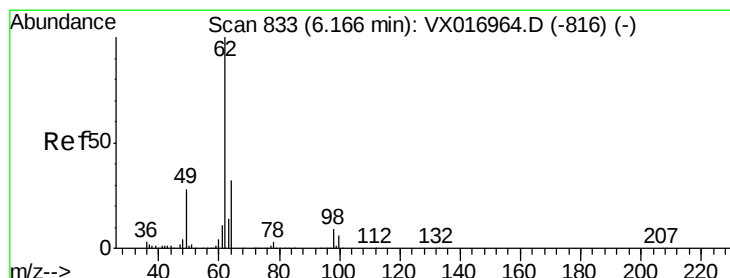
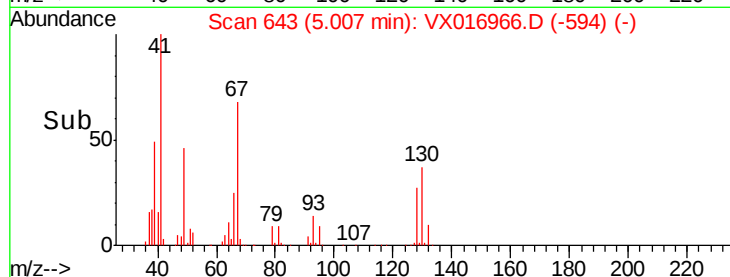
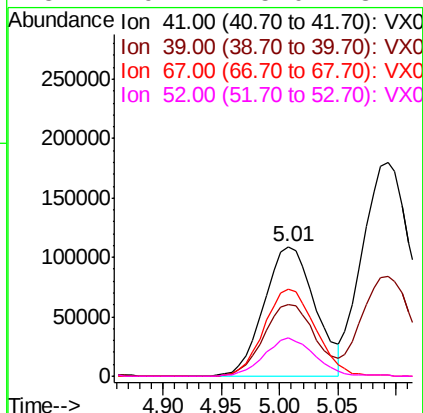
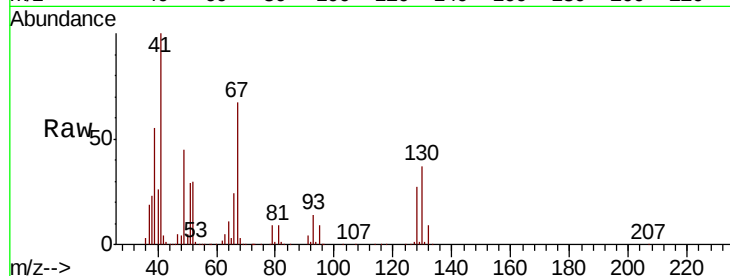




#41
Methacrylonitrile
Concen: 171.707 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

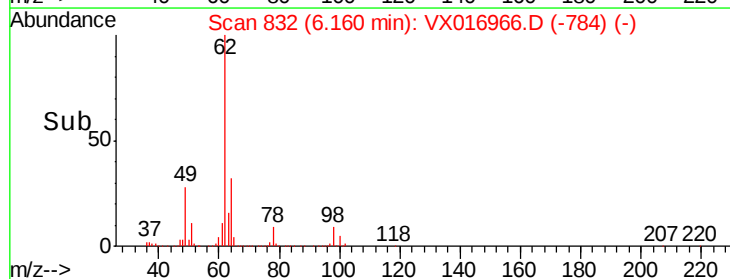
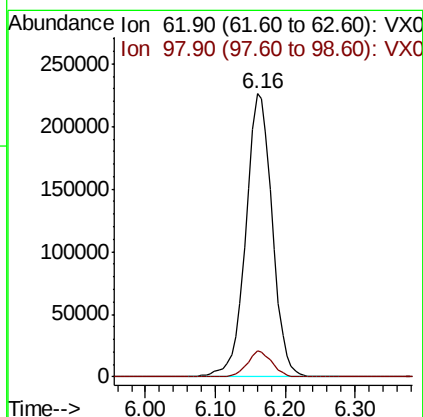
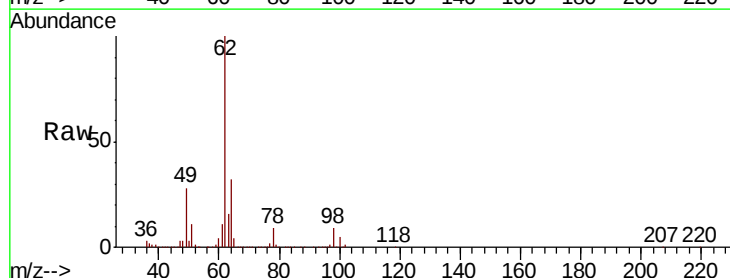
Instrument :
MSVOA_X
ClientSampleId :

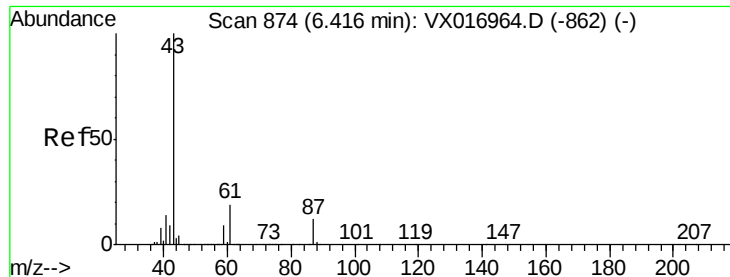
Tot Ion:	41	Resp:	332100
Ion	Ratio	Lower	Upper
41	100		
39	56.2	46.6	70.0
67	67.7	57.0	85.6
52	29.1	25.0	37.4



#42
1,2-Dichloroethane
Concen: 167.963 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Tgt Ion:	62	Resp:	589941
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.2



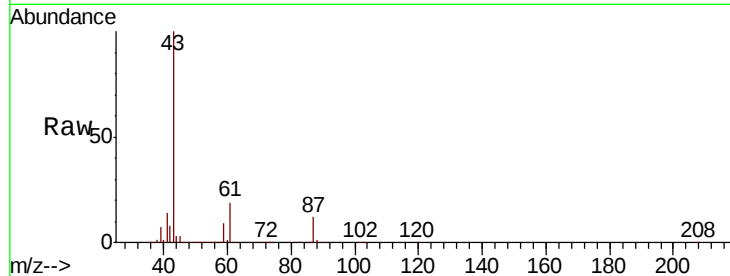


#43

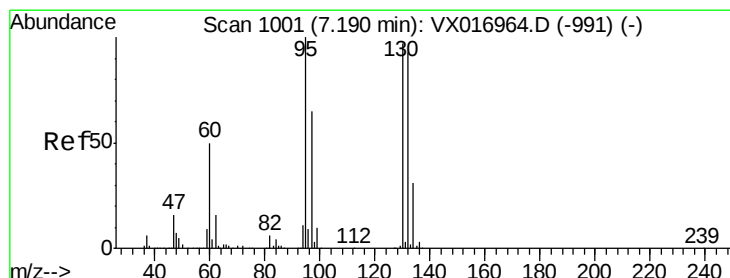
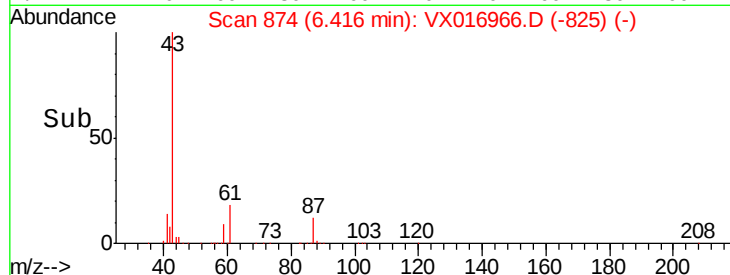
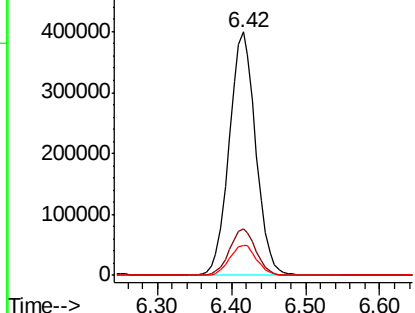
Isopropyl Acetate
 Concen: 175.567 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX016966.D
 Acq: 25 Jun 2020 20:45

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 43 Resp: 989630
 Ion Ratio Lower Upper
 43 100
 61 19.1 15.0 22.6
 87 12.7 10.0 15.0



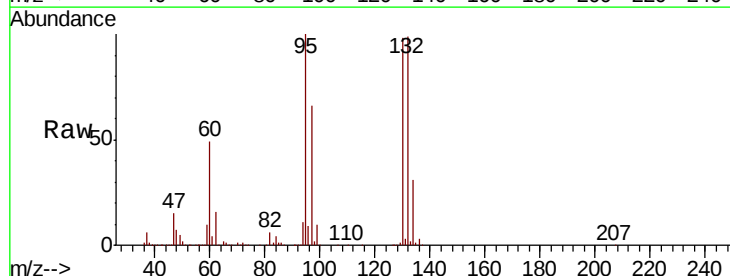
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



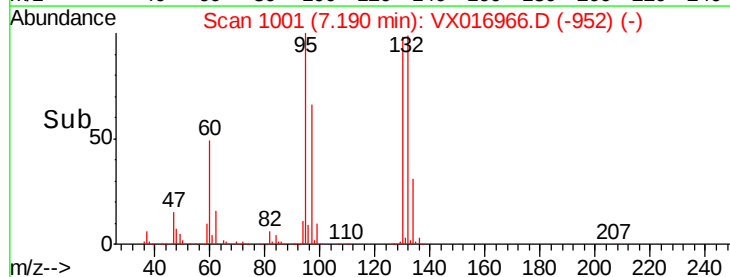
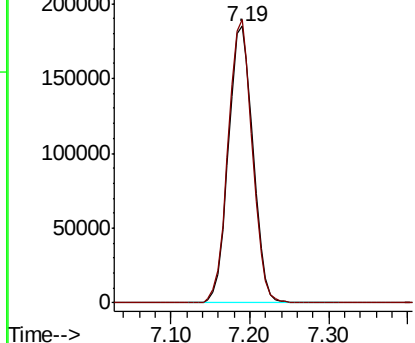
#44

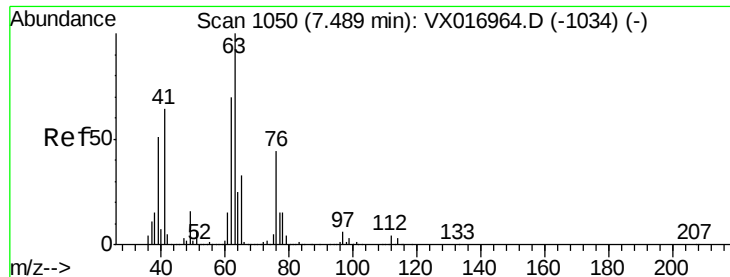
Trichloroethene
 Concen: 135.947 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016966.D
 Acq: 25 Jun 2020 20:45

Tgt Ion:130 Resp: 401761
 Ion Ratio Lower Upper
 130 100
 95 102.4 0.0 206.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 158.340 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

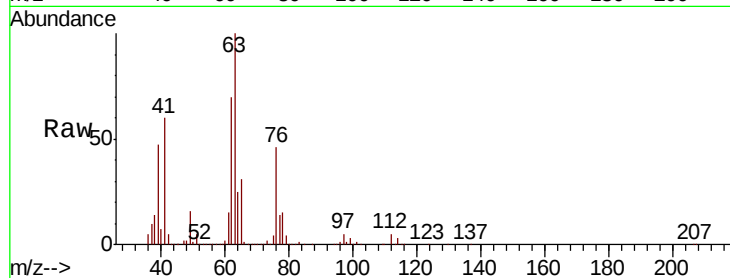
ClientSampleId :

Tot Ion: 63 Resp: 399048

Ion Ratio Lower Upper

63 100

65 30.5 26.1 39.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

200000

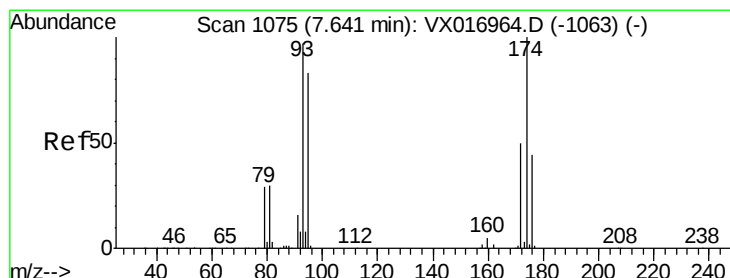
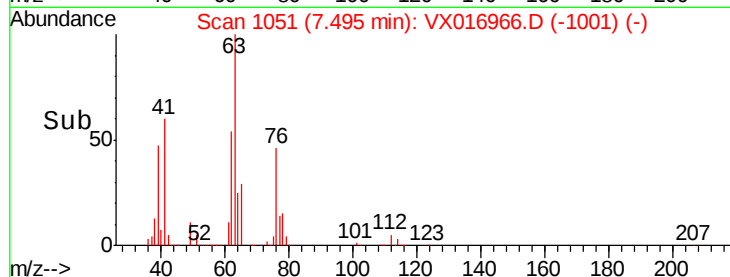
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60



#46

Dibromomethane

Concen: 163.492 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

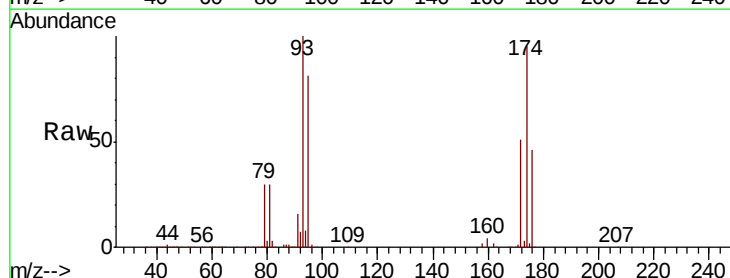
Tgt Ion: 93 Resp: 276161

Ion Ratio Lower Upper

93 100

95 82.9 67.5 101.3

174 94.5 75.0 112.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.64

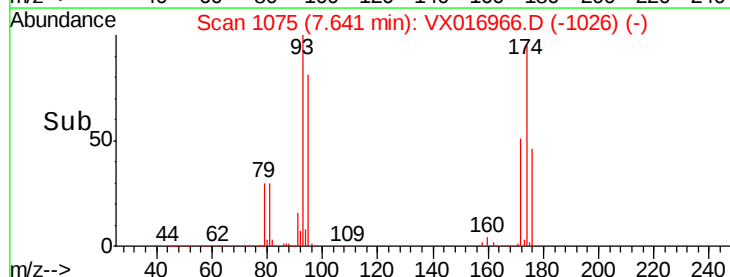
150000

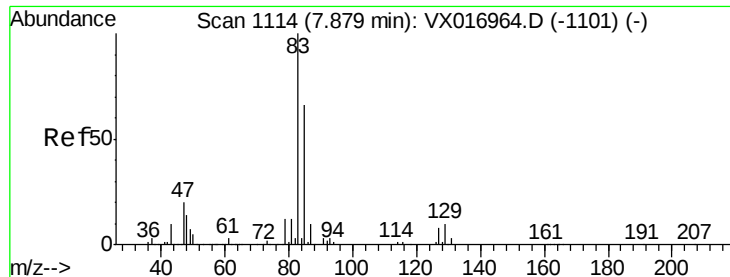
100000

50000

0

Time--> 7.60 7.70





#47

Bromodichloromethane

Concen: 169.577 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :

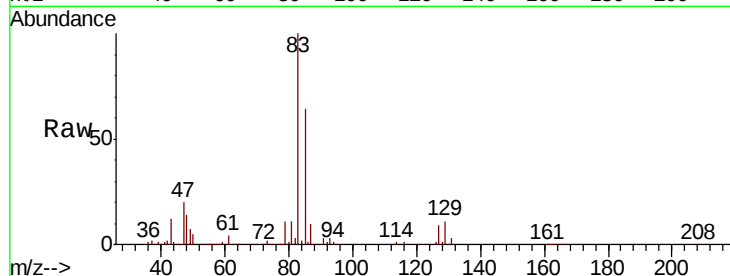
Tot Ion: 83 Resp: 586771

Ion Ratio Lower Upper

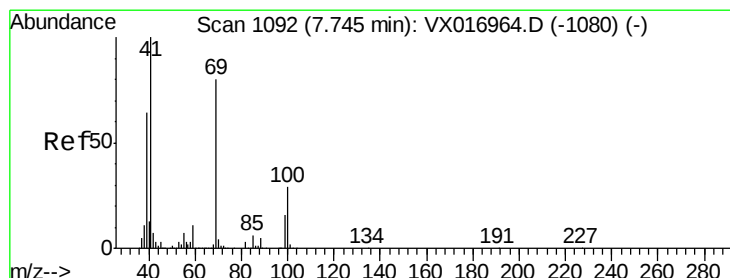
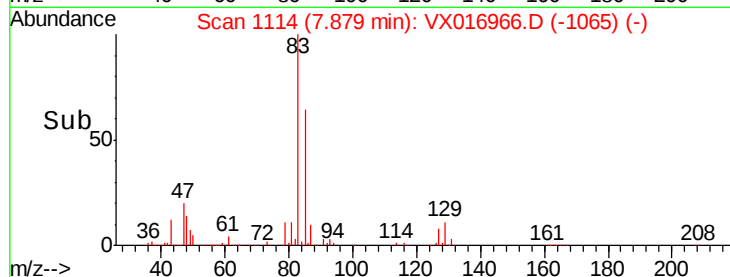
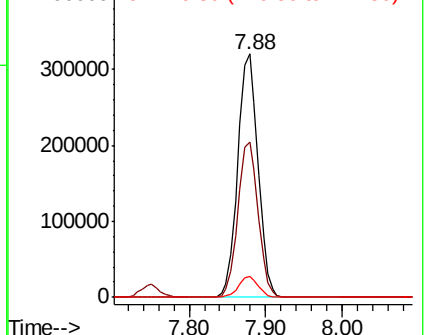
83 100

85 63.5 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: 174.989 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

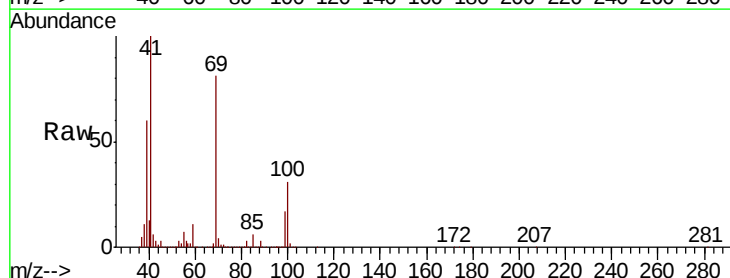
Tgt Ion: 41 Resp: 484490

Ion Ratio Lower Upper

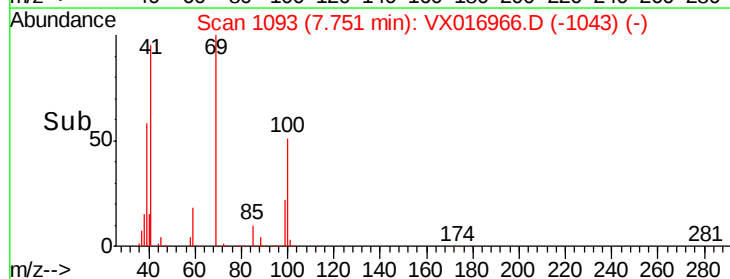
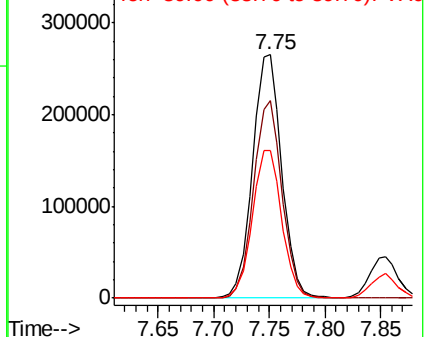
41 100

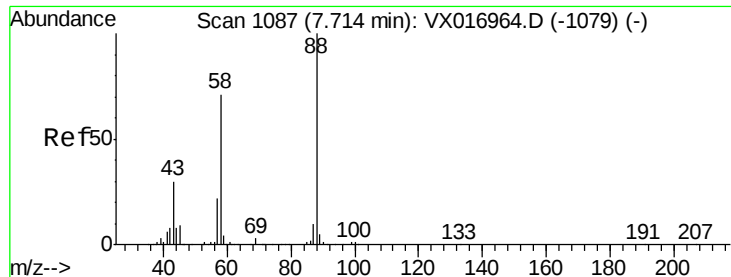
69 79.8 62.7 94.1

39 61.0 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: 2918.544 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

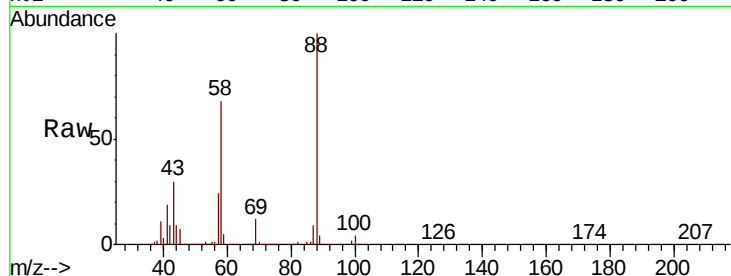
Tot Ion: 88 Resp: 176540

Ion Ratio Lower Upper

88 100

43 35.6 28.1 42.1

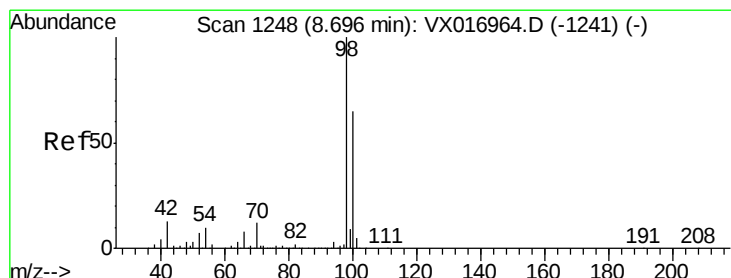
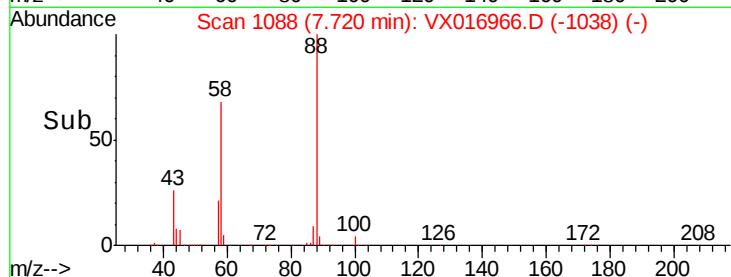
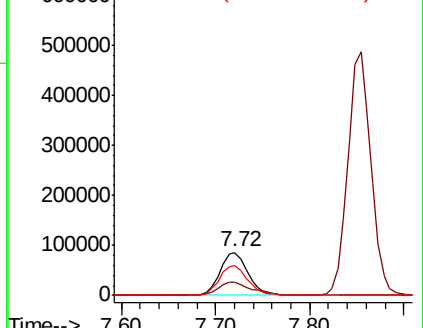
58 71.1 56.1 84.1



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: 167.128 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016966.D

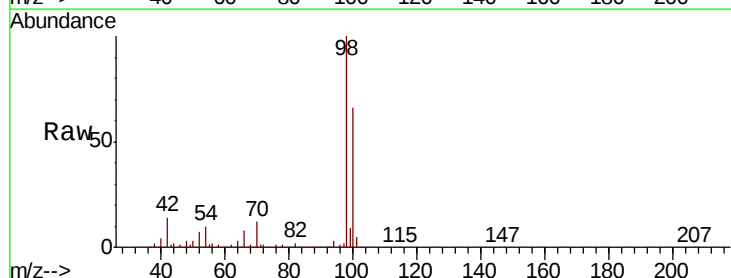
Acq: 25 Jun 2020 20:45

Tgt Ion: 98 Resp: 1368366

Ion Ratio Lower Upper

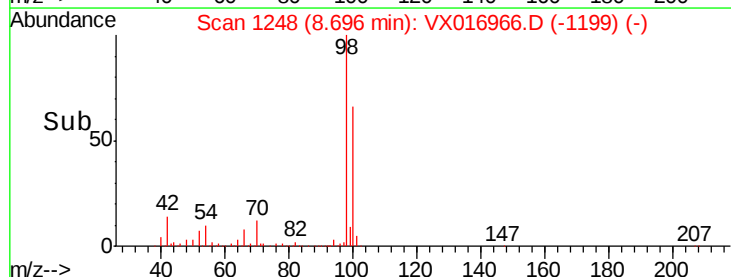
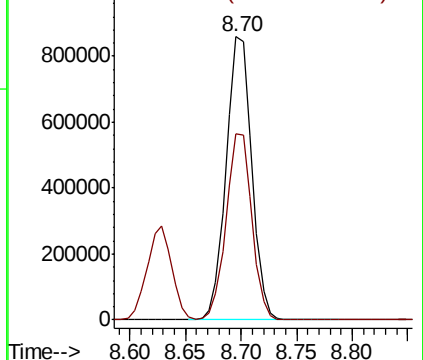
98 100

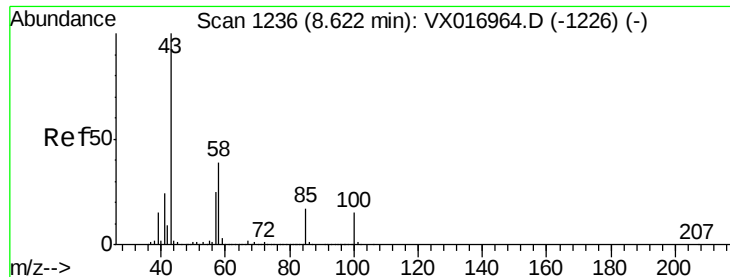
100 65.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 897.100 ug/l

RT: 8.63 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

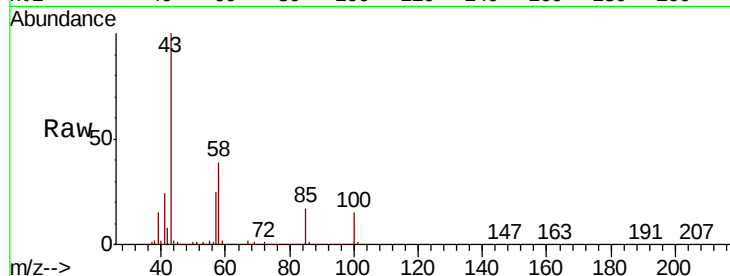
ClientSampleId :

Tot Ion: 43 Resp: 2962275

Ion Ratio Lower Upper

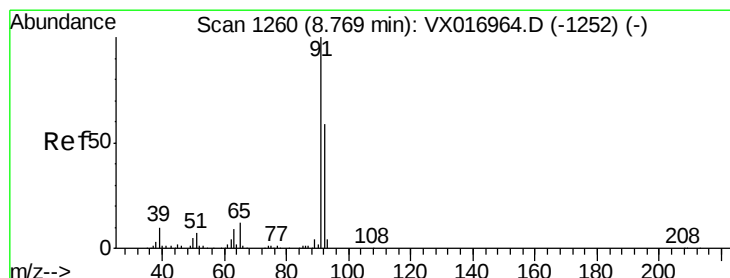
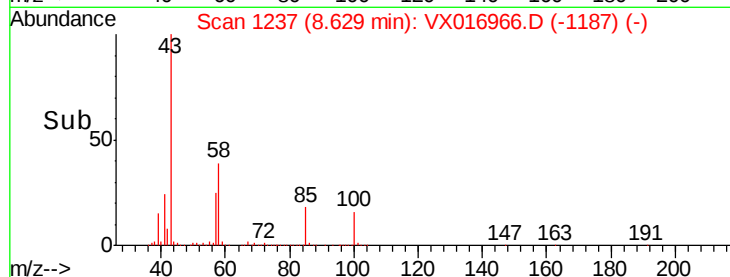
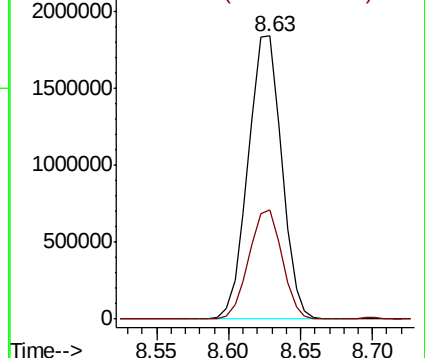
43 100

58 38.3 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: 155.360 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX016966.D

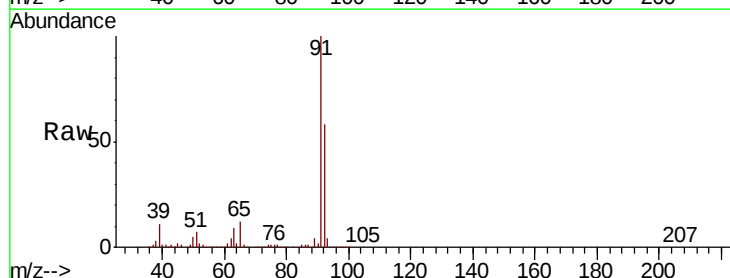
Acq: 25 Jun 2020 20:45

Tgt Ion: 92 Resp: 964648

Ion Ratio Lower Upper

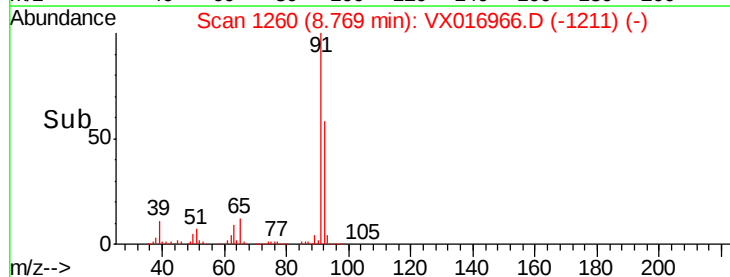
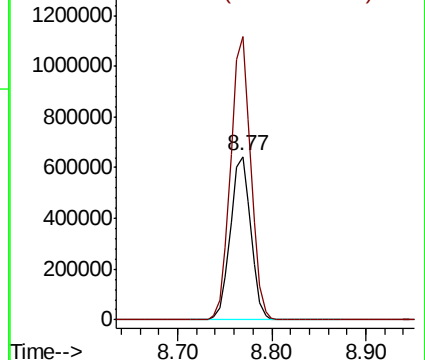
92 100

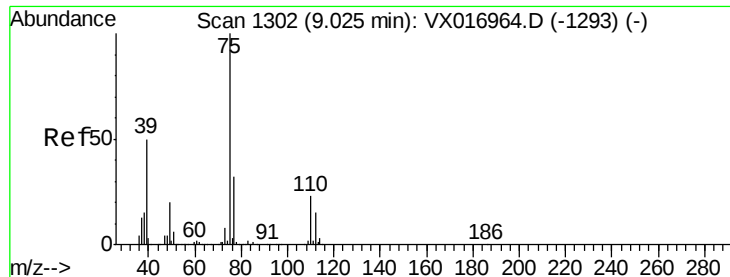
91 171.7 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

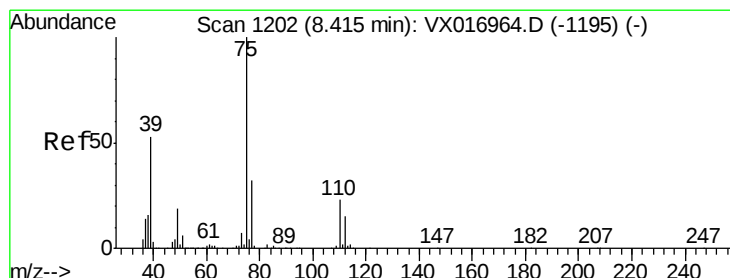
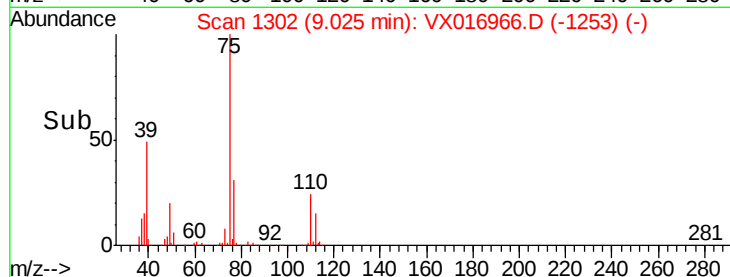
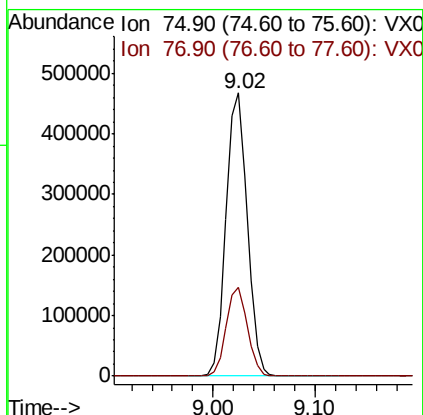
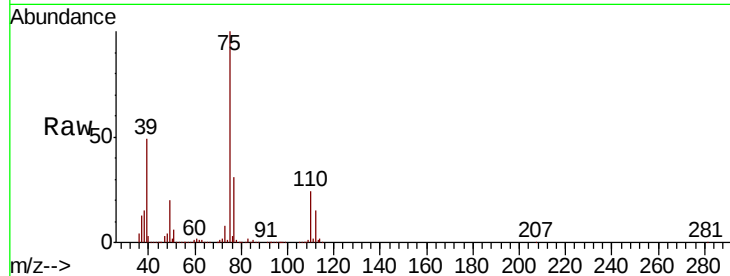




#53
t-1,3-Dichloropropene
Concen: 164.172 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

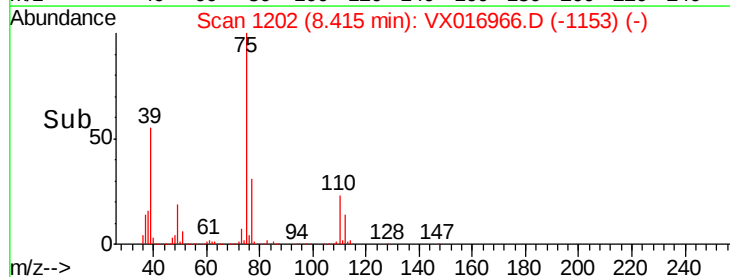
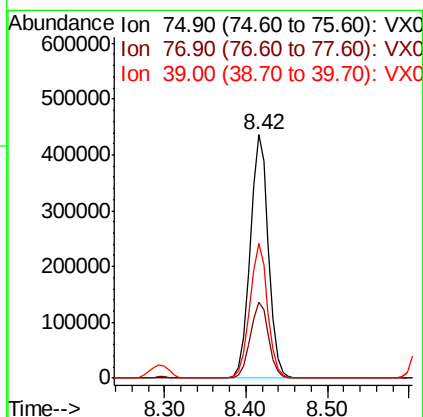
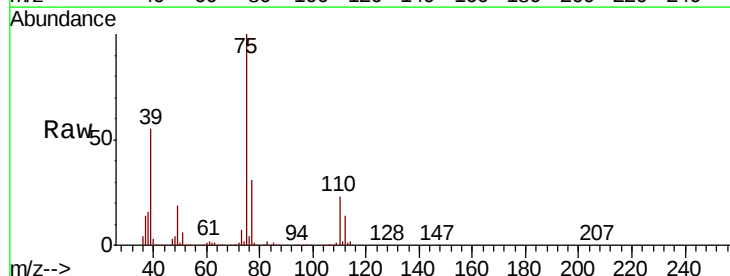
Instrument :
MSVOA_X
ClientSampled :

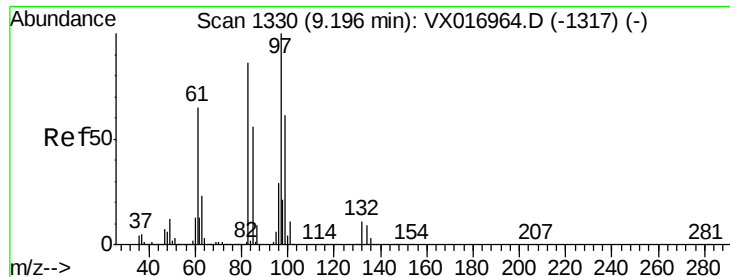
Tot Ion: 75 Resp: 673048
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 158.048 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Tgt Ion: 75 Resp: 677443
Ion Ratio Lower Upper
75 100
77 31.3 25.7 38.5
39 55.4 42.7 64.1

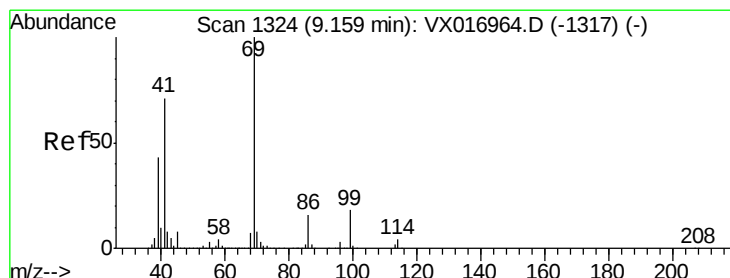
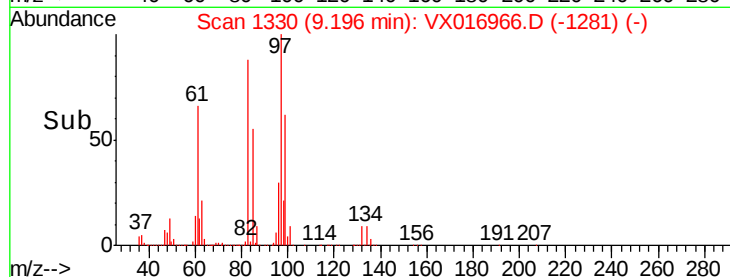
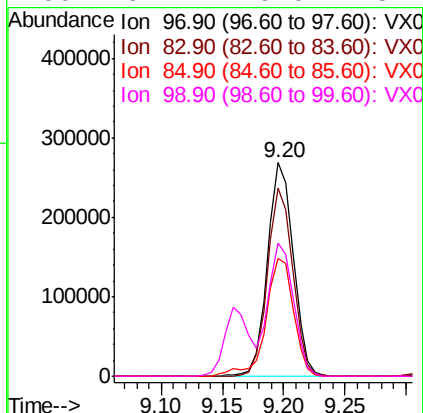
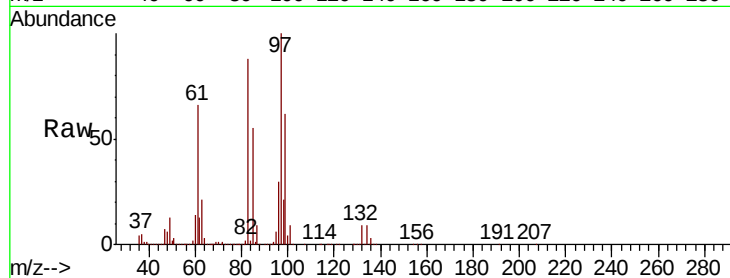




#55
 1,1,2-Trichloroethane
 Concen: 159.578 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016966.D
 Acq: 25 Jun 2020 20:45

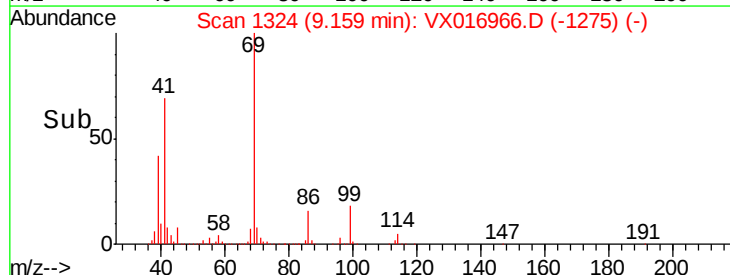
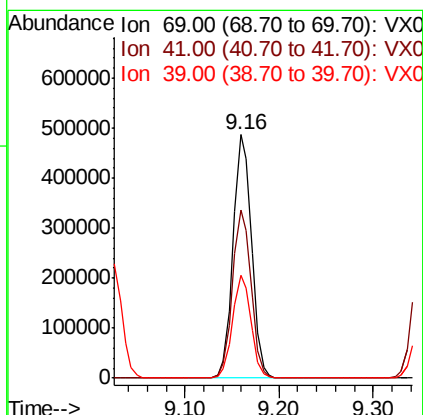
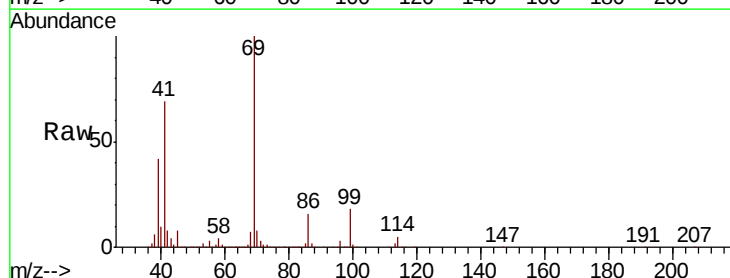
Instrument :
 MSVOA_X
 ClientSampleId :

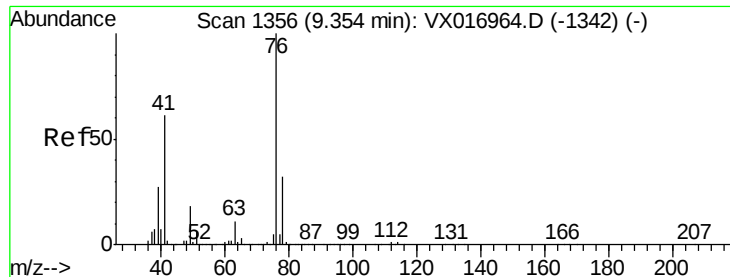
Tot Ion:	97	Resp:	396018
Ion	Ratio	Lower	Upper
97	100		
83	88.3	68.6	103.0
85	55.0	44.5	66.7
99	62.1	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 166.316 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016966.D
 Acq: 25 Jun 2020 20:45

Tgt Ion:	69	Resp:	661020
Ion	Ratio	Lower	Upper
69	100		
41	69.6	55.9	83.9
39	42.1	34.6	51.8





#57

1,3-Dichloropropane

Concen: 158.564 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

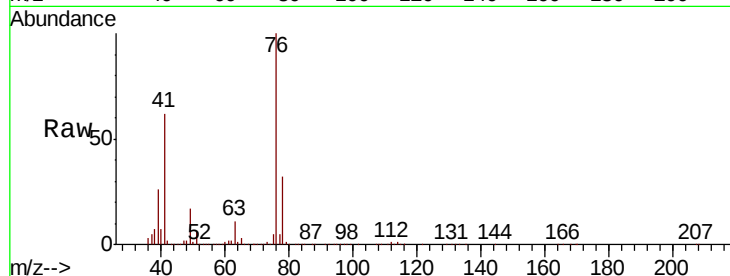
ClientSampleId :

Tot Ion: 76 Resp: 673122

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

500000

400000

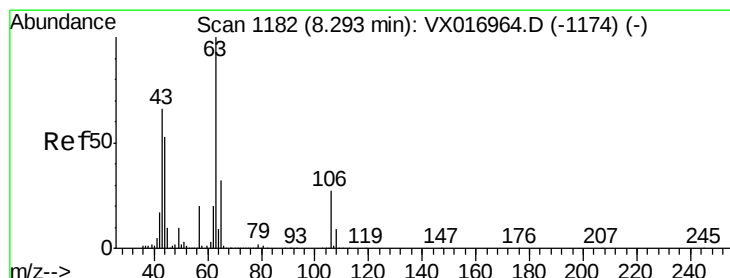
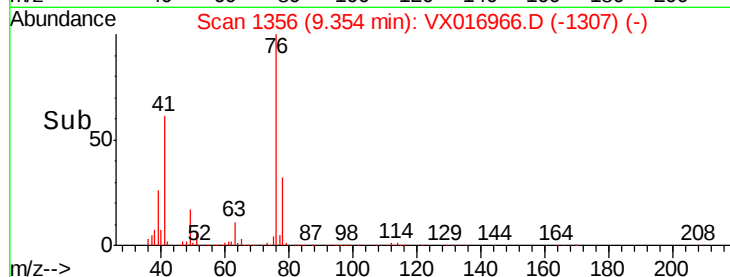
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 837.590 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016966.D

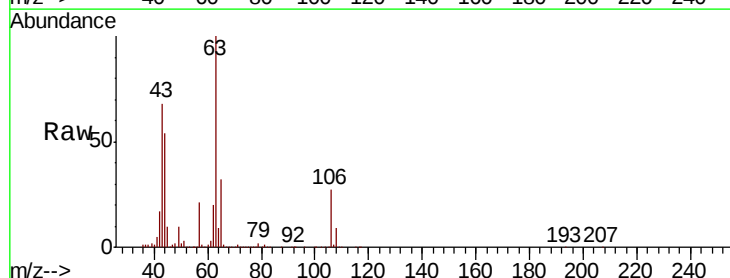
Acq: 25 Jun 2020 20:45

Tgt Ion: 63 Resp: 1655668

Ion Ratio Lower Upper

63 100

106 27.6 22.1 33.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

1200000

1000000

800000

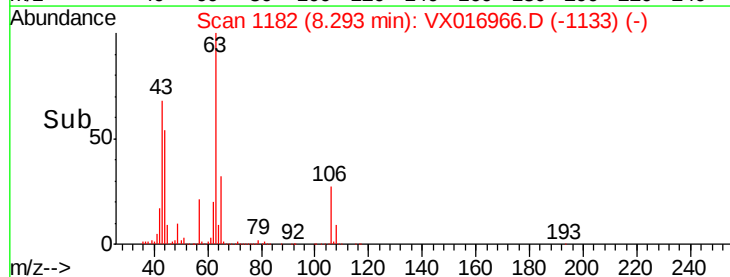
600000

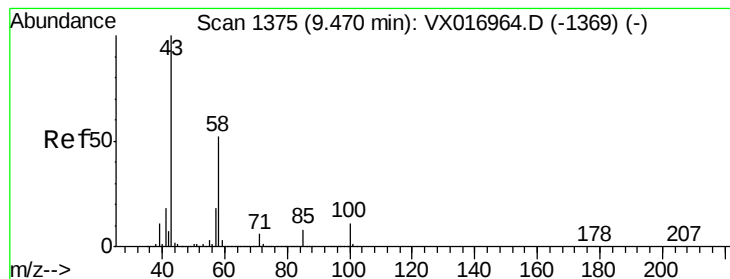
400000

200000

0

Time-->





#59

2-Hexanone

Concen: 881.361 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. 0.01 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

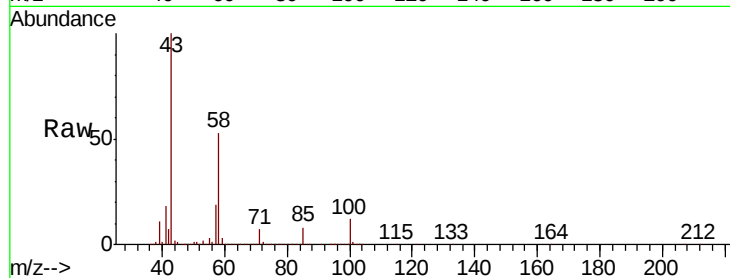
ClientSampleId :

Tot Ion: 43 Resp: 2206828

Ion Ratio Lower Upper

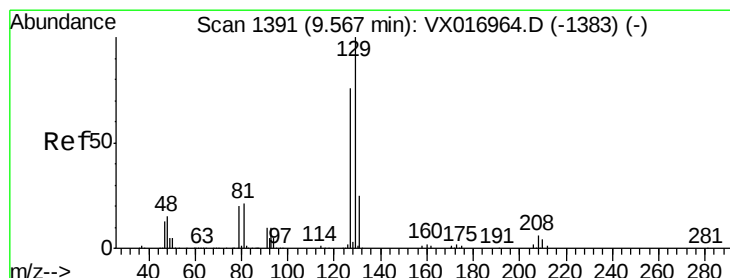
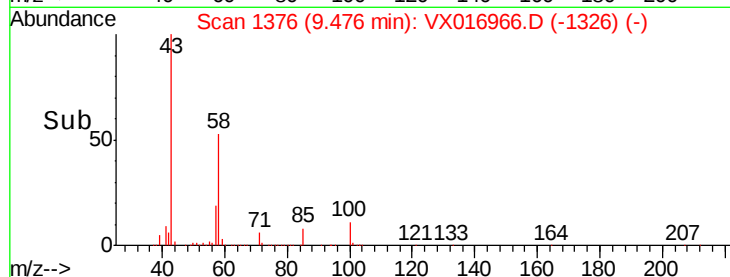
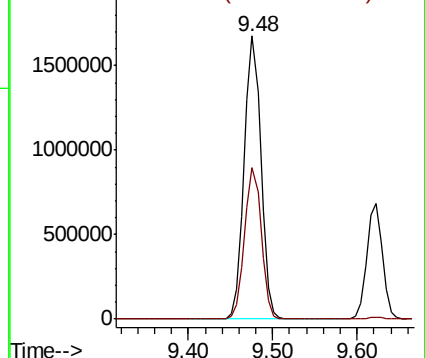
43 100

58 53.5 26.3 78.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#60

Dibromochloromethane

Concen: 186.691 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX016966.D

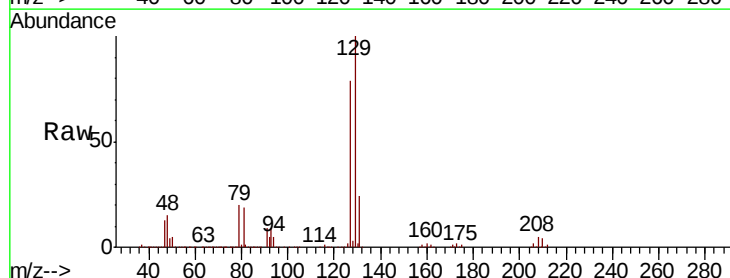
Acq: 25 Jun 2020 20:45

Tgt Ion: 129 Resp: 470625

Ion Ratio Lower Upper

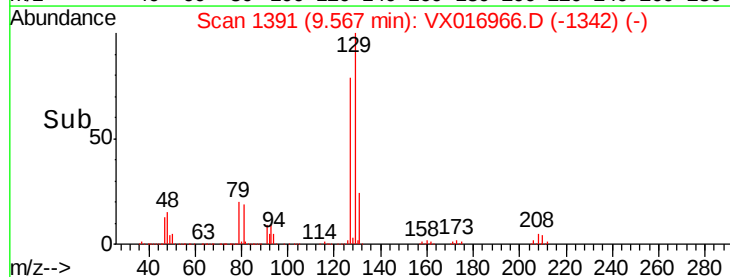
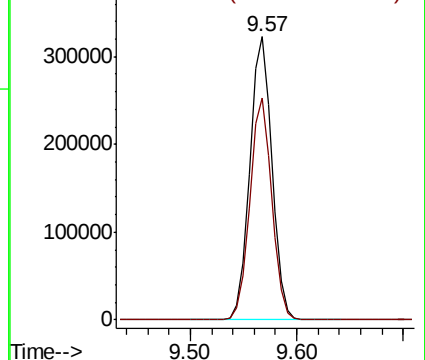
129 100

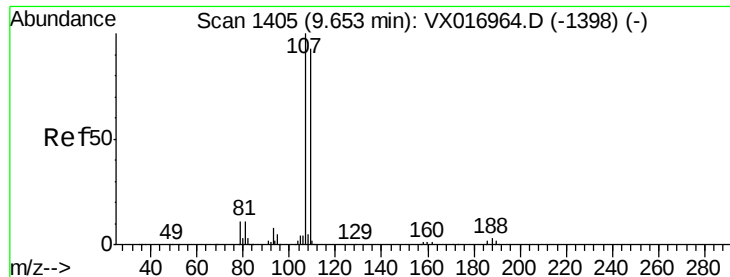
127 77.6 38.0 114.0



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 166.619 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

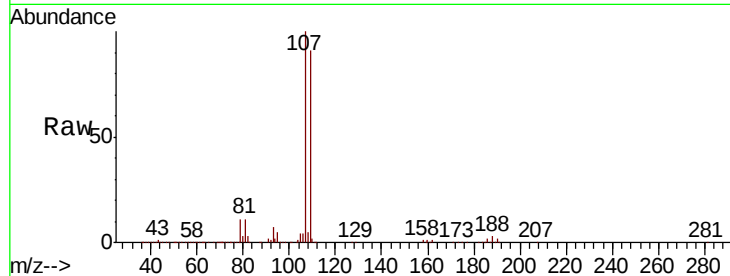
ClientSampleId :

Tot Ion:107 Resp: 429877

Ion Ratio Lower Upper

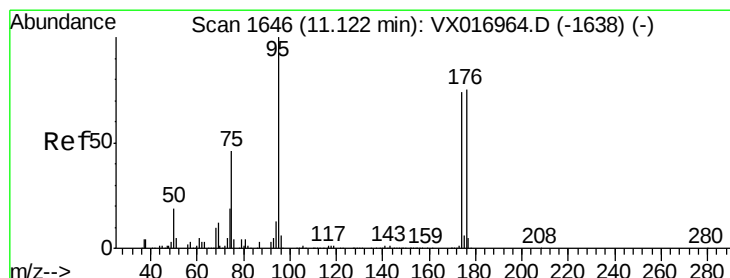
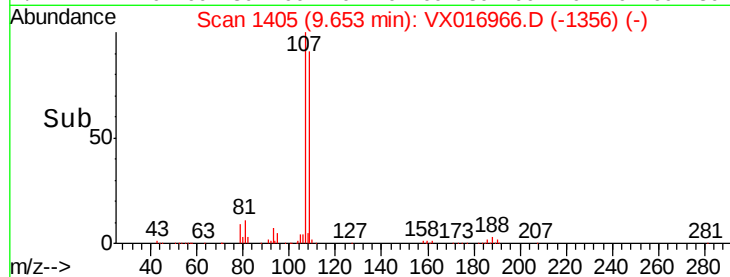
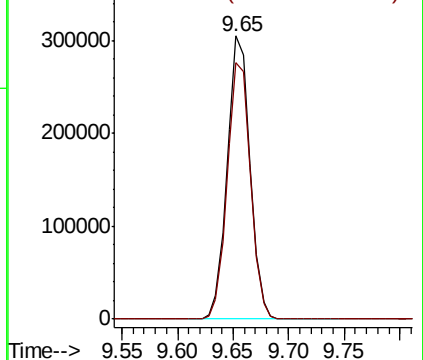
107 100

109 93.1 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: 163.210 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

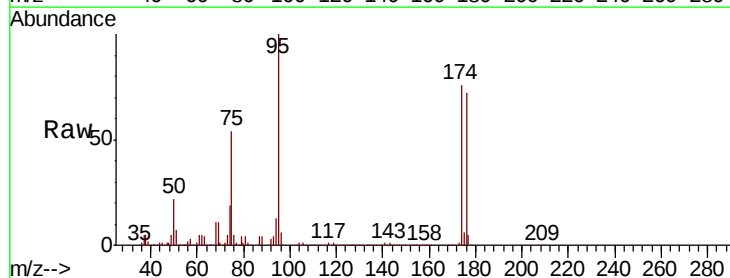
Tgt Ion: 95 Resp: 538770

Ion Ratio Lower Upper

95 100

174 77.4 0.0 149.6

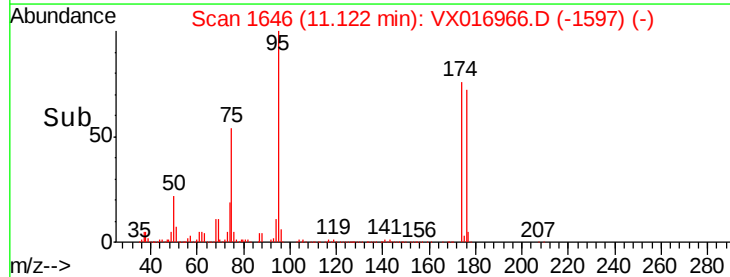
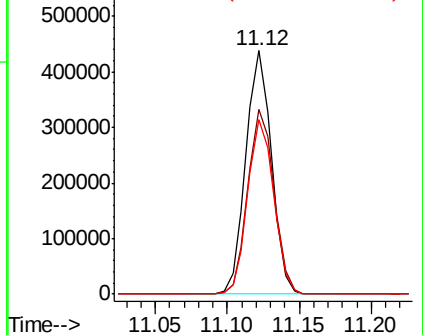
176 72.8 0.0 148.2

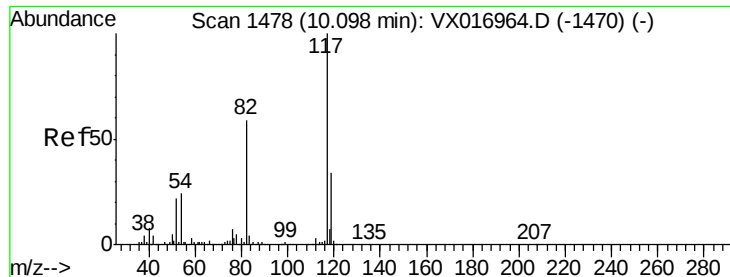


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

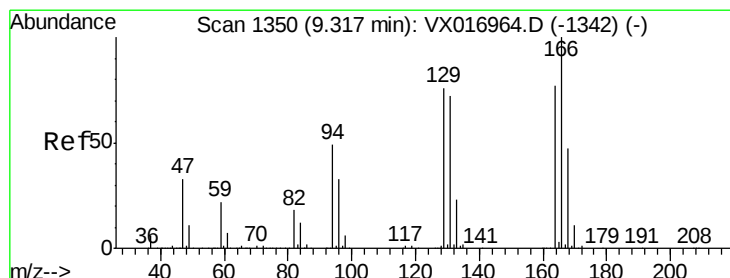
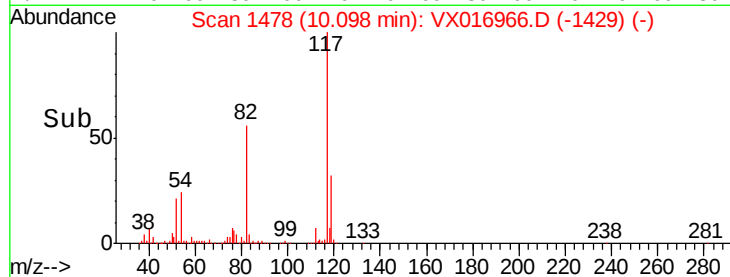
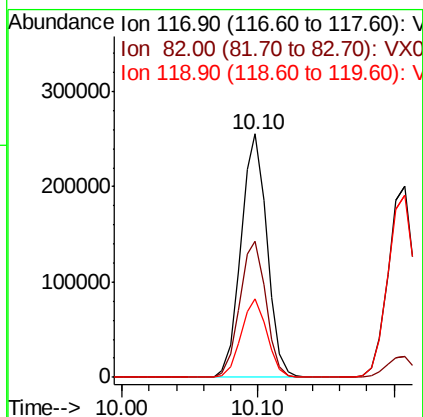
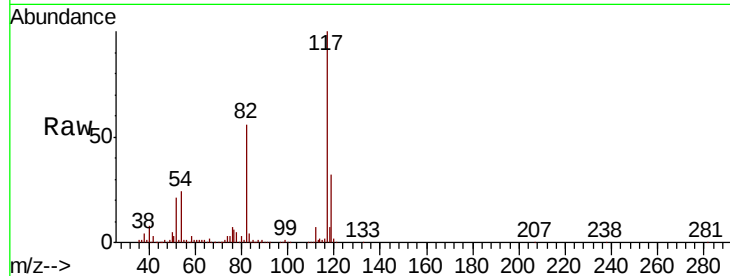




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

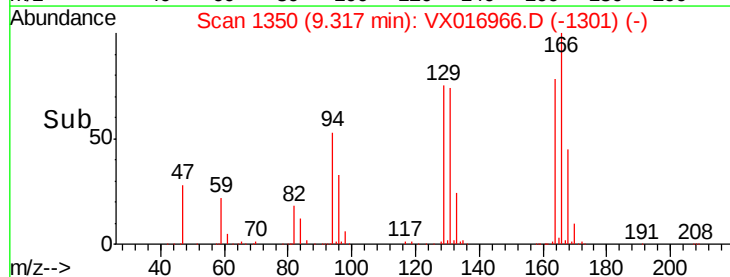
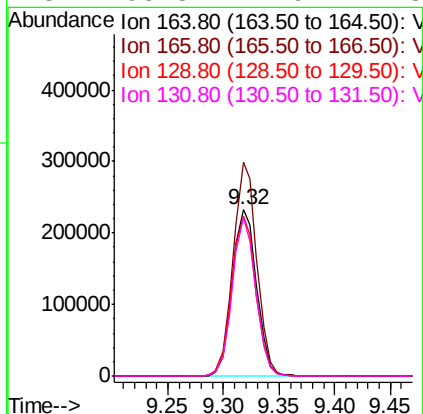
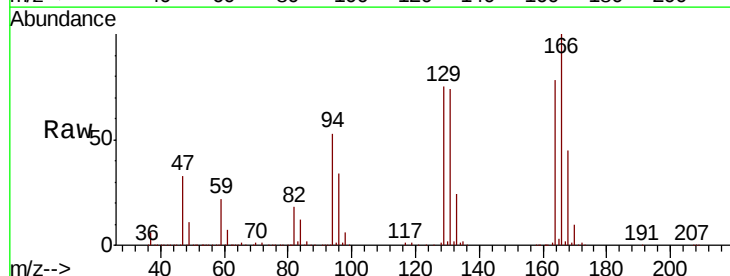
Instrument :
MSVOA_X
ClientSampleId :

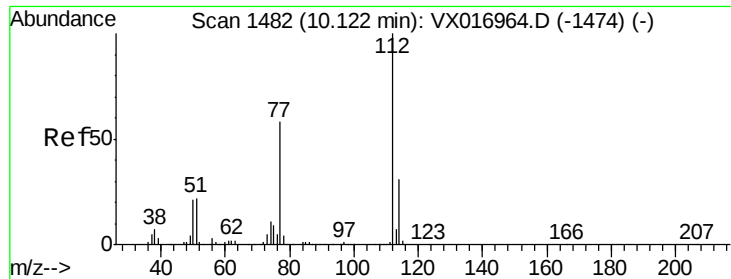
Tot Ion:117 Resp: 339061
Ion Ratio Lower Upper
117 100
82 55.7 46.8 70.2
119 32.2 27.3 40.9



#64
Tetrachloroethene
Concen: 109.133 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Tgt Ion:164 Resp: 349023
Ion Ratio Lower Upper
164 100
166 128.5 104.2 156.4
129 96.6 79.3 118.9
131 95.3 74.9 112.3





#65

Chlorobenzene

Concen: 157.067 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

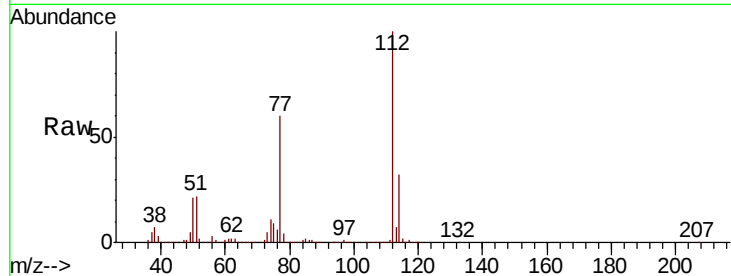
ClientSampleId :

Tot Ion:112 Resp: 1060422

Ion Ratio Lower Upper

112 100

114 32.4 24.8 37.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

800000

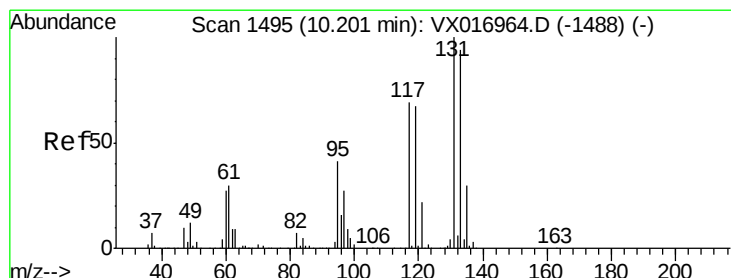
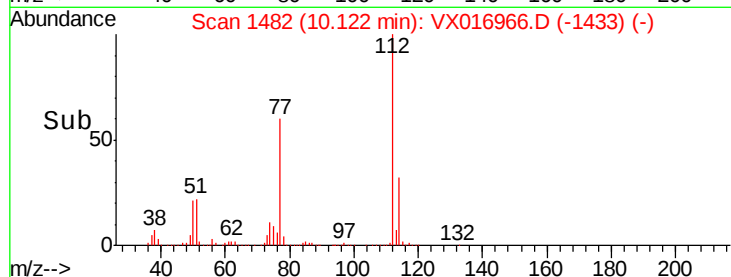
600000

400000

200000

0

Time--> 10.00 10.10 10.20



#66

1,1,1,2-Tetrachloroethane

Concen: 167.476 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

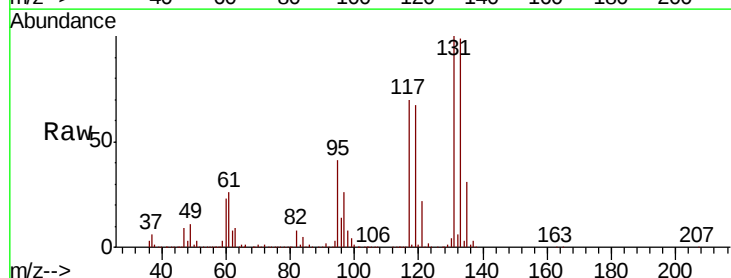
Tgt Ion:131 Resp: 405353

Ion Ratio Lower Upper

131 100

133 96.6 48.0 144.0

119 65.4 32.8 98.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

400000

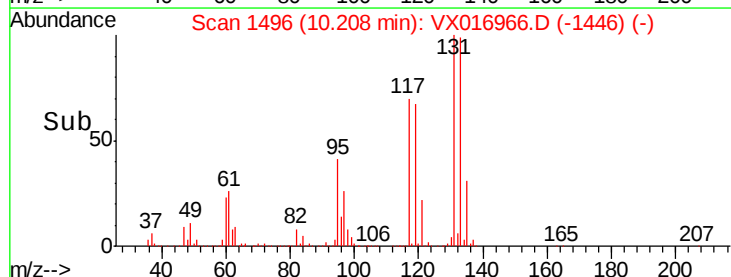
300000

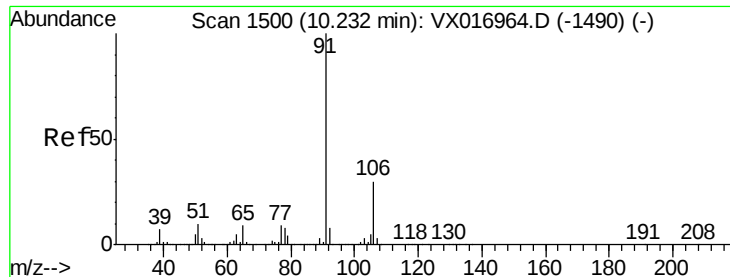
200000

100000

0

Time--> 10.20 10.30

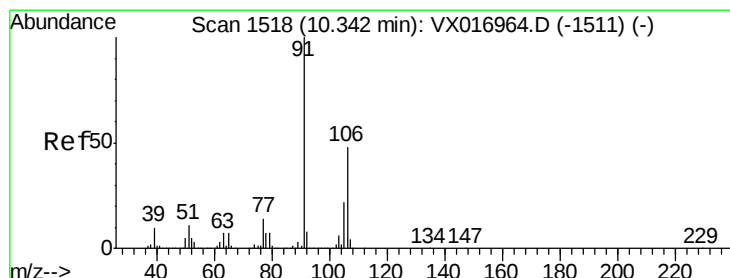
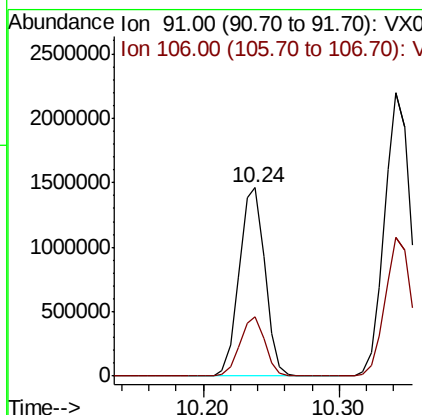
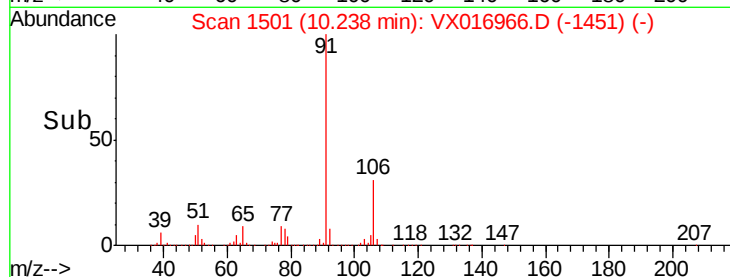
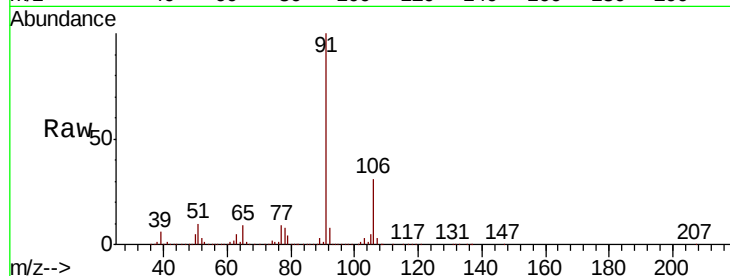




#67
Ethyl Benzene
Concen: 154.340 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

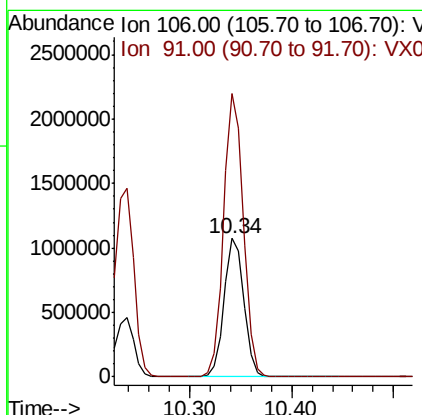
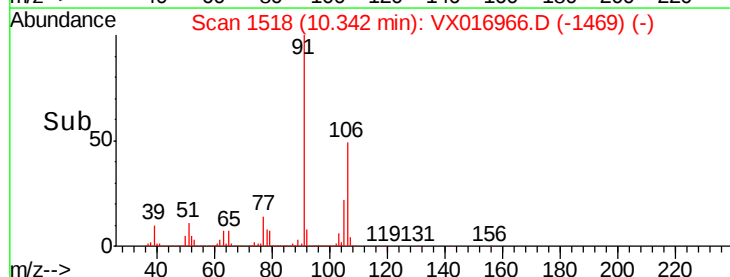
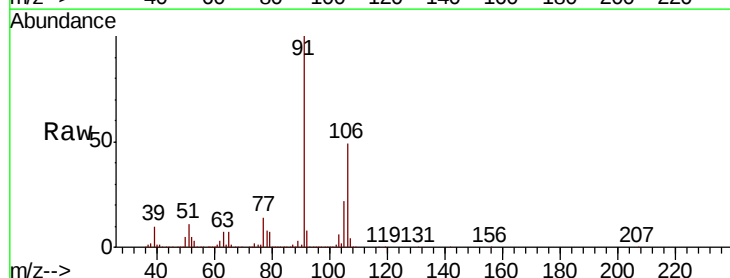
Instrument :
MSVOA_X
ClientSampleId :

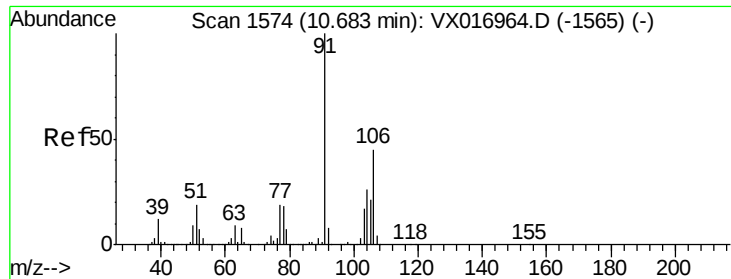
Tot Ion: 91 Resp: 1920090
Ion Ratio Lower Upper
91 100
106 31.4 24.1 36.1



#68
m/p-Xylenes
Concen: 316.400 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Tgt Ion: 106 Resp: 1445955
Ion Ratio Lower Upper
106 100
91 204.1 164.1 246.1

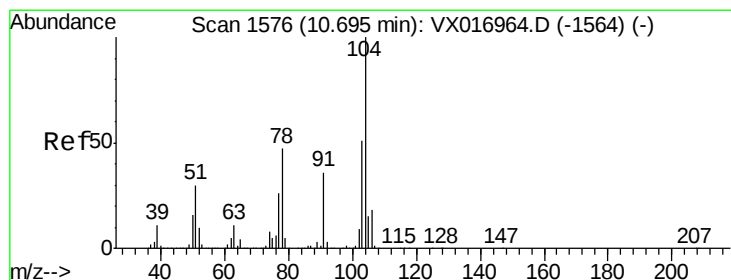
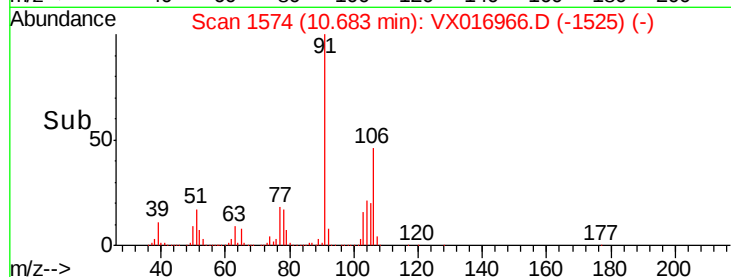
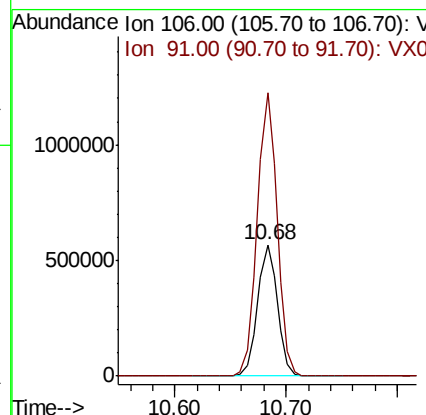
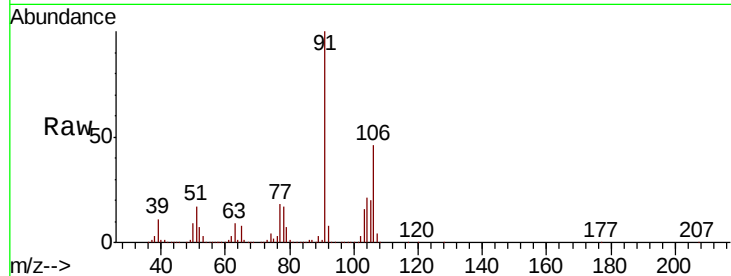




#69
o-Xylene
Concen: 158.590 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

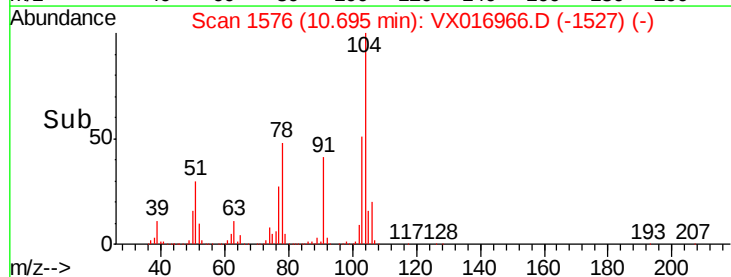
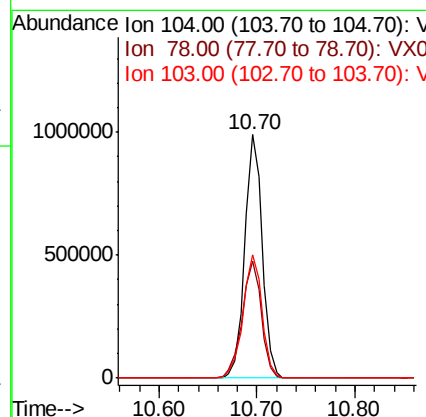
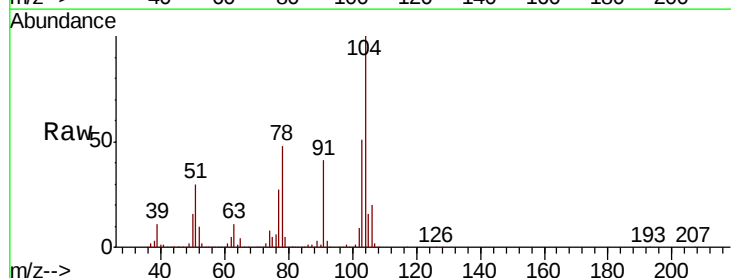
Instrument :
MSVOA_X
ClientSampleId :

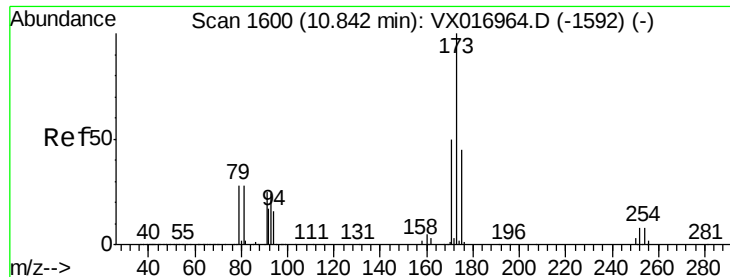
Tot Ion:106 Resp: 704707
Ion Ratio Lower Upper
106 100
91 216.7 109.1 327.2



#70
Styrene
Concen: 159.968 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Tgt Ion:104 Resp: 1223335
Ion Ratio Lower Upper
104 100
78 53.2 41.9 62.9
103 55.2 43.9 65.9





#71

Bromoform

Concen: 195.800 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

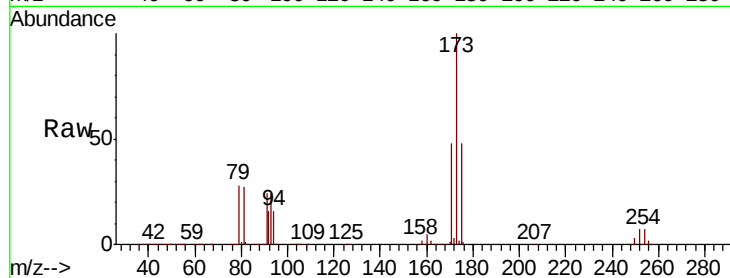
Tot Ion:173 Resp: 331576

Ion Ratio Lower Upper

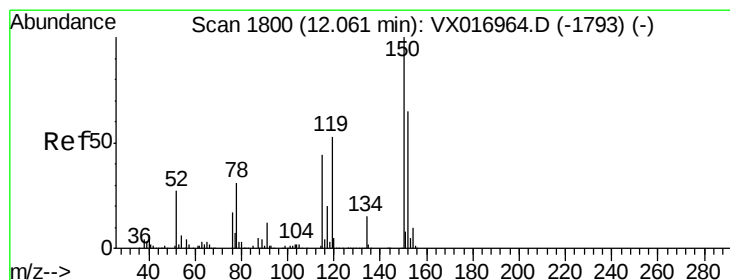
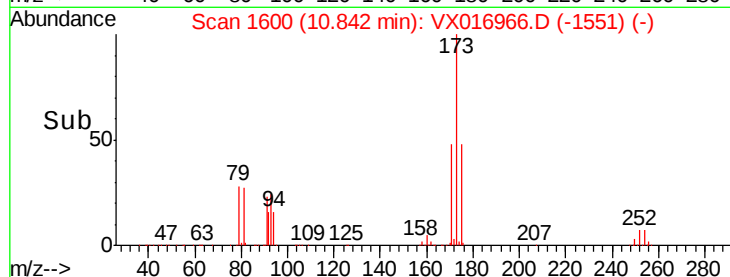
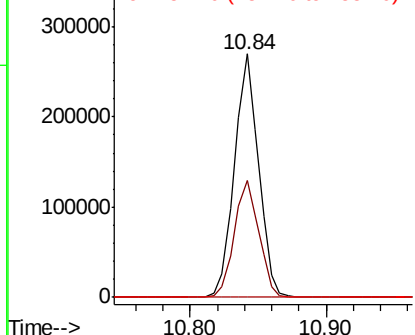
173 100

175 48.9 23.4 70.2

254 0.2 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: VX016966.D

Acq: 25 Jun 2020 20:45

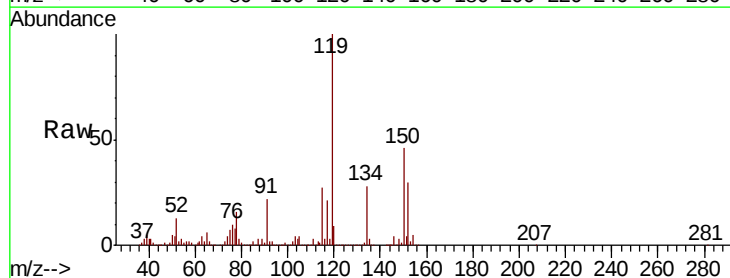
Tgt Ion:152 Resp: 169698

Ion Ratio Lower Upper

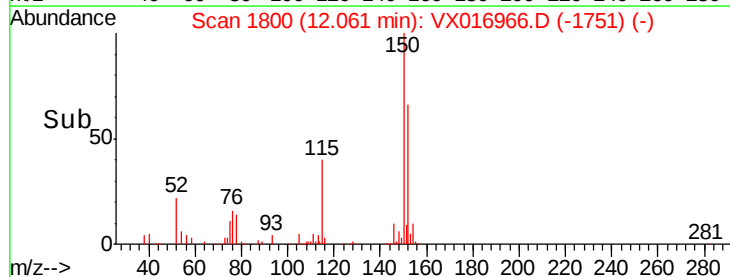
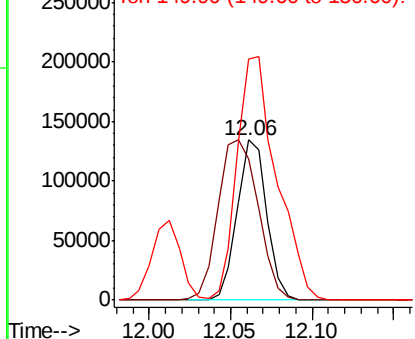
152 100

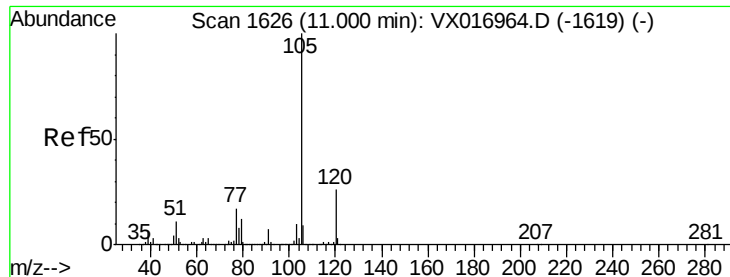
115 135.9 42.8 128.4#

150 204.3 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: 152.694 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

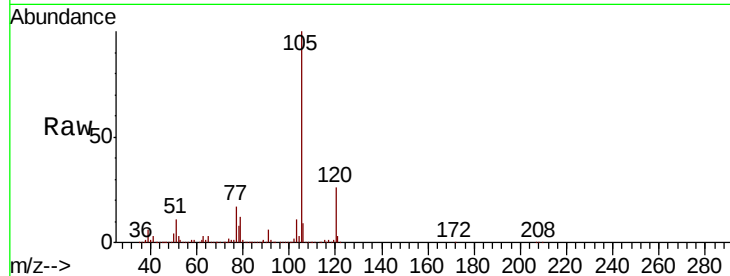
ClientSampleId :

Tot Ion:105 Resp: 1906410

Ion Ratio Lower Upper

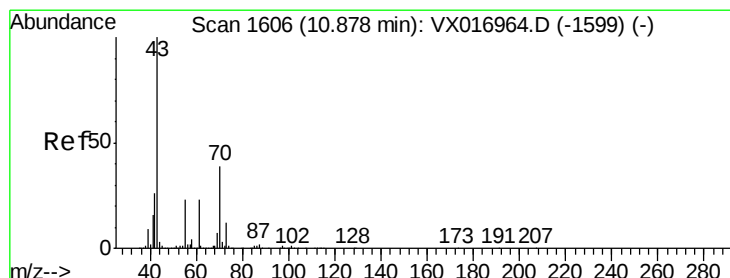
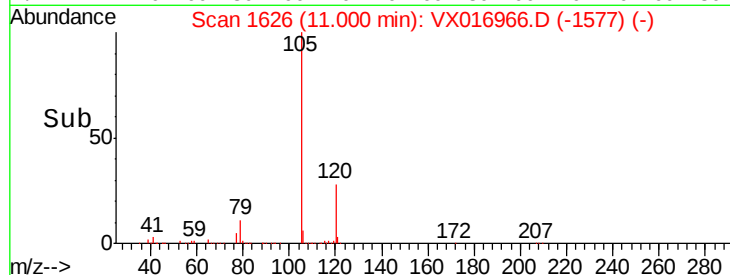
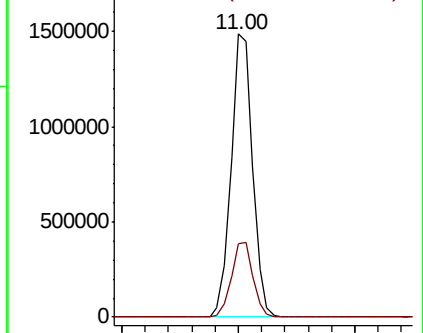
105 100

120 26.7 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 165.273 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Tgt Ion: 43 Resp: 911930

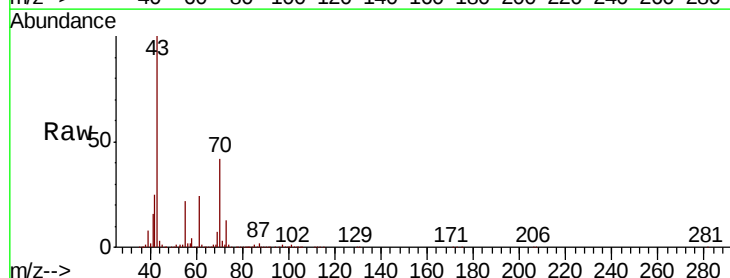
Ion Ratio Lower Upper

43 100

70 40.9 32.1 48.1

55 22.4 18.6 28.0

61 23.6 18.8 28.2

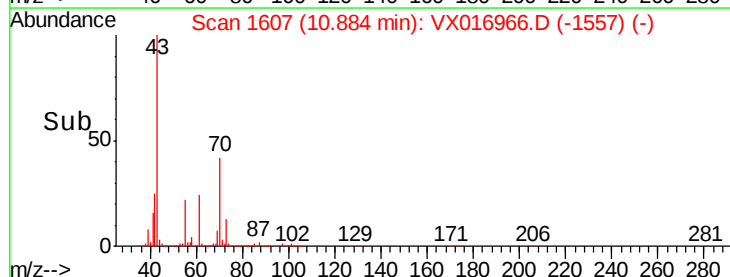
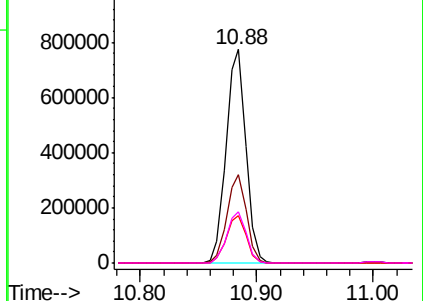


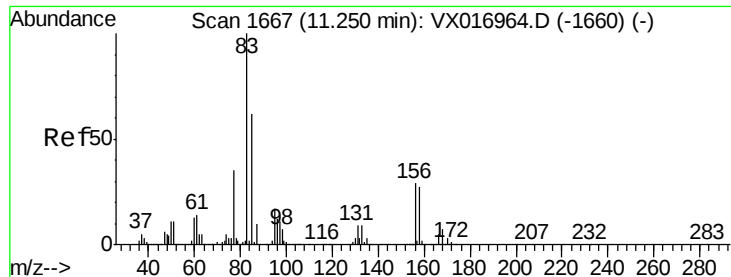
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 195.209 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

ClientSampled :

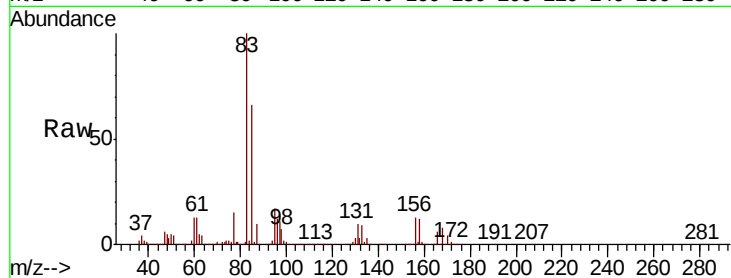
Tot Ion: 83 Resp: 586611

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.7

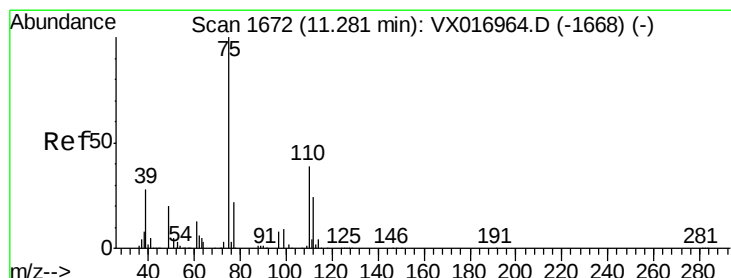
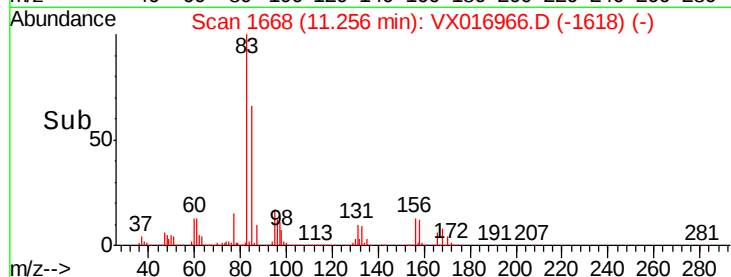
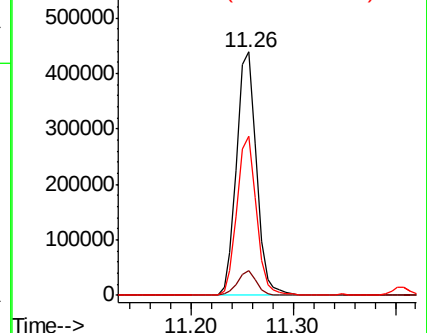
85 64.2 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 196.980 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016966.D

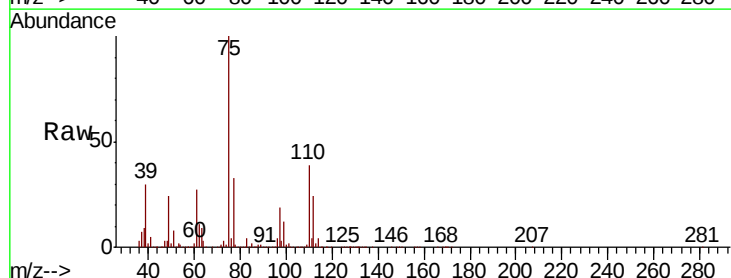
Acq: 25 Jun 2020 20:45

Tgt Ion: 75 Resp: 717102

Ion Ratio Lower Upper

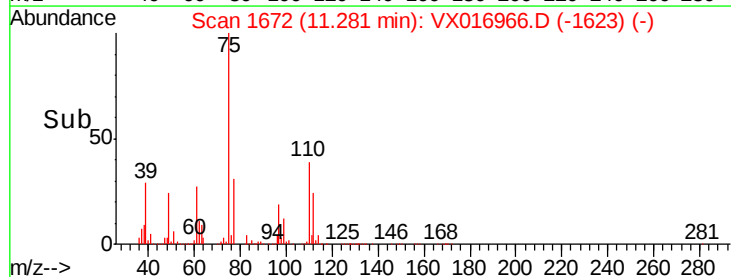
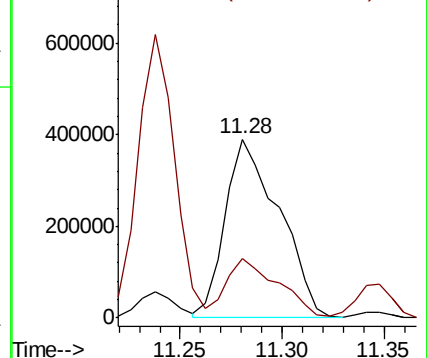
75 100

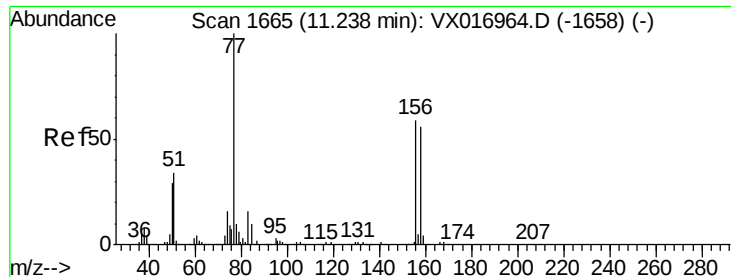
77 32.0 20.3 61.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 160.568 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

ClientSampled :

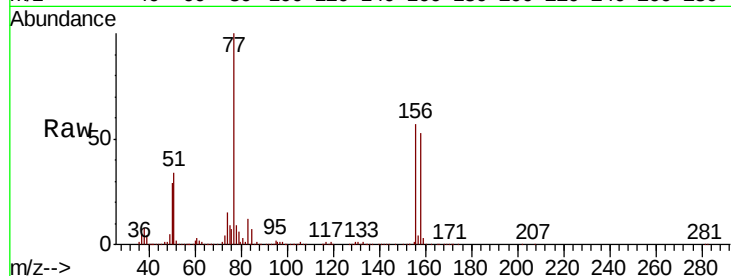
Tot Ion:156 Resp: 462869

Ion Ratio Lower Upper

156 100

77 167.0 85.2 255.6

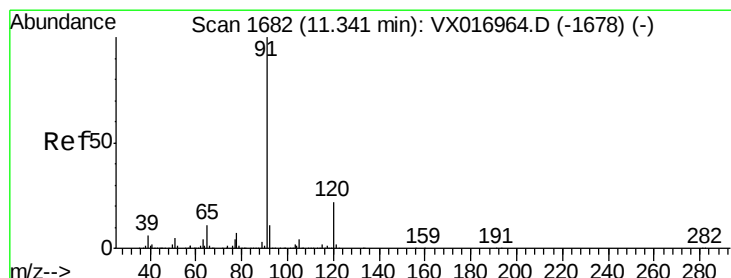
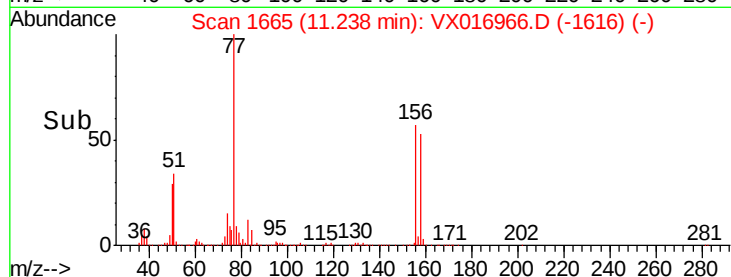
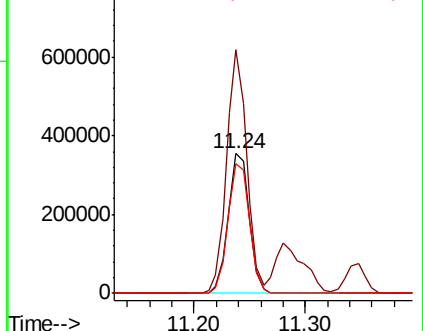
158 94.7 48.3 144.9



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: 150.570 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX016966.D

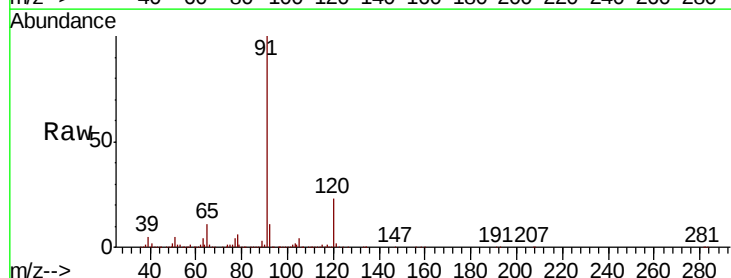
Acq: 25 Jun 2020 20:45

Tgt Ion: 91 Resp: 2222489

Ion Ratio Lower Upper

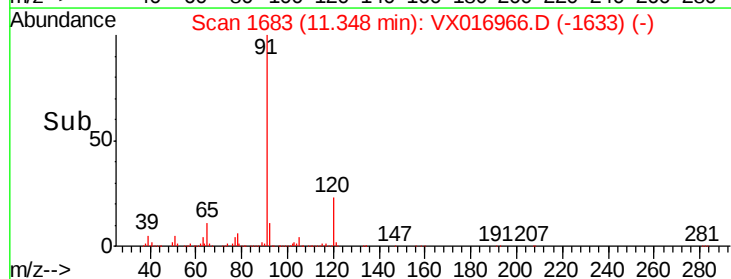
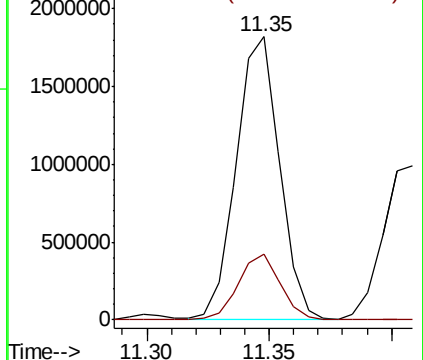
91 100

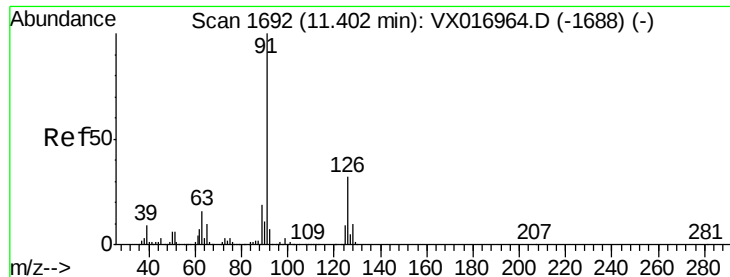
120 22.6 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 146.698 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

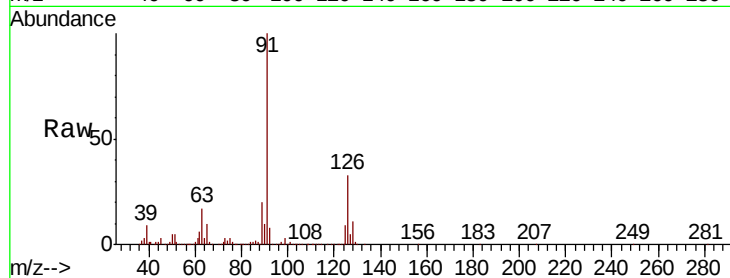
ClientSampleId :

Tot Ion: 91 Resp: 1275634

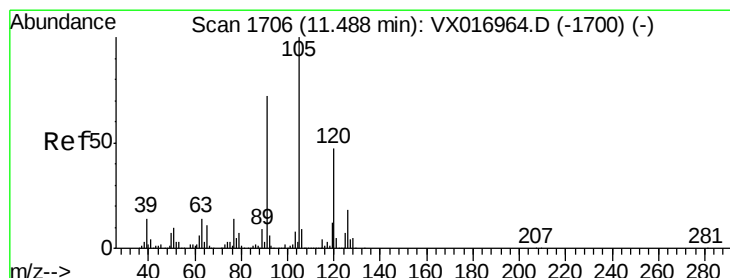
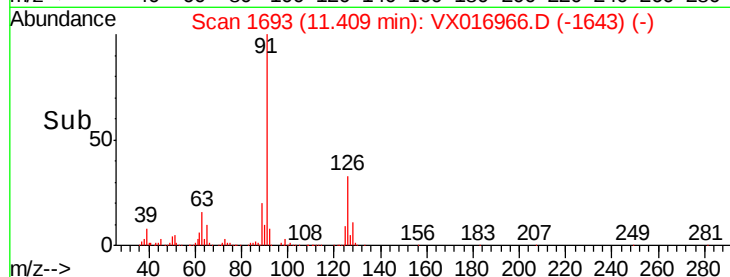
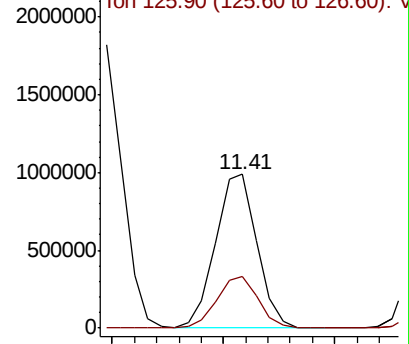
Ion Ratio Lower Upper

91 100

126 33.4 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VX016966.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 150.514 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016966.D

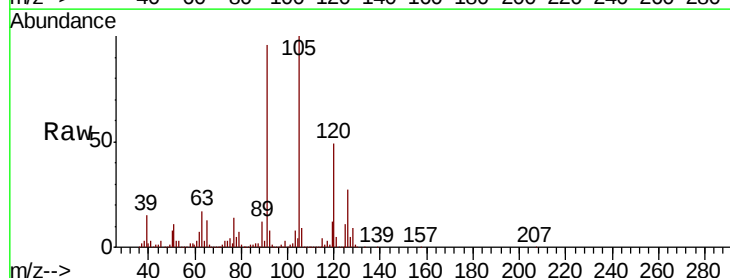
Acq: 25 Jun 2020 20:45

Tgt Ion:105 Resp: 1594816

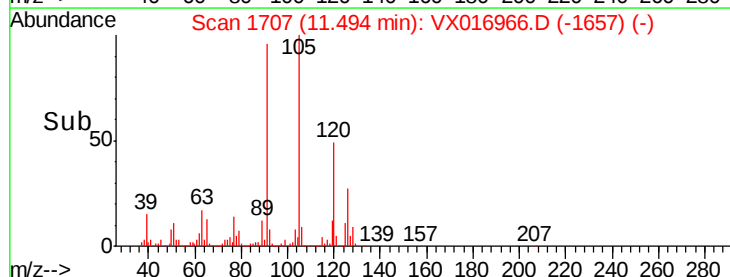
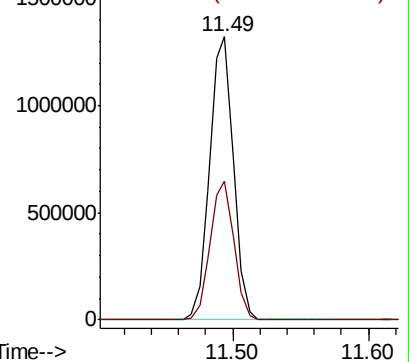
Ion Ratio Lower Upper

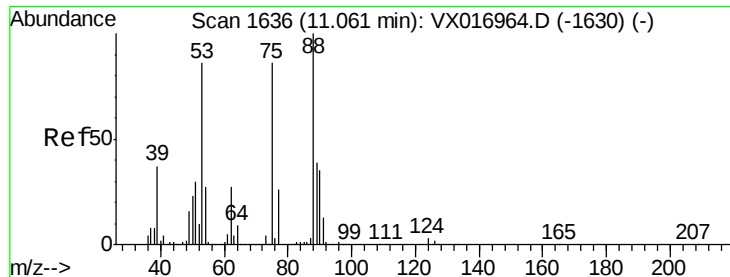
105 100

120 48.8 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VX016966.D (-1657) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 141.141 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

ClientSampled :

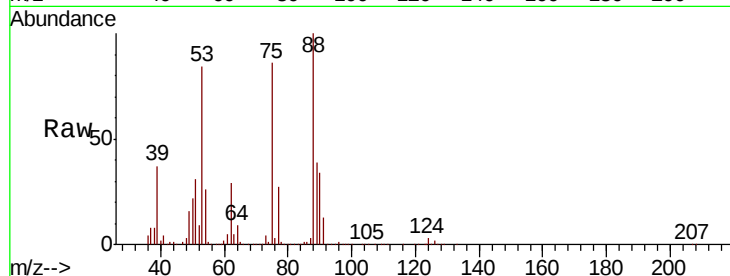
Tot Ion: 75 Resp: 222553

Ion Ratio Lower Upper

75 100

53 98.9 81.9 122.9

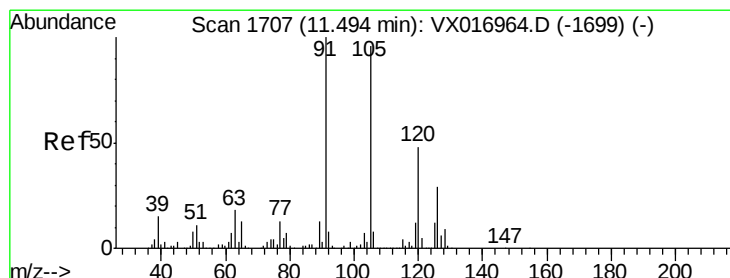
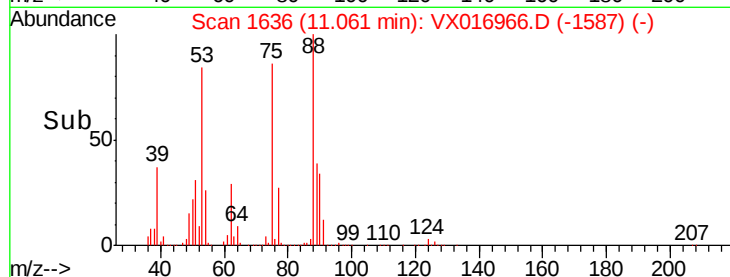
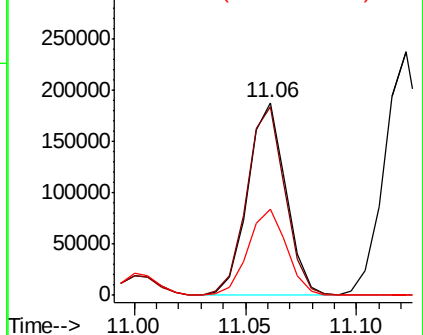
89 45.6 35.5 53.3



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: 148.086 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016966.D

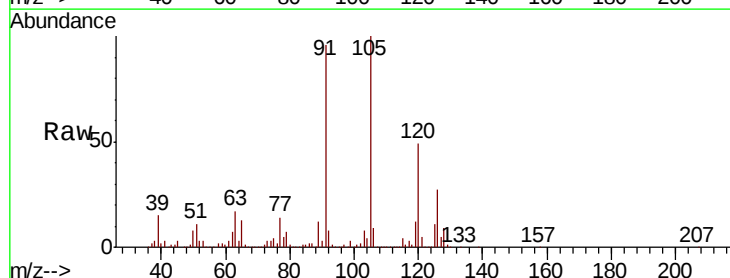
Acq: 25 Jun 2020 20:45

Tgt Ion: 91 Resp: 1538522

Ion Ratio Lower Upper

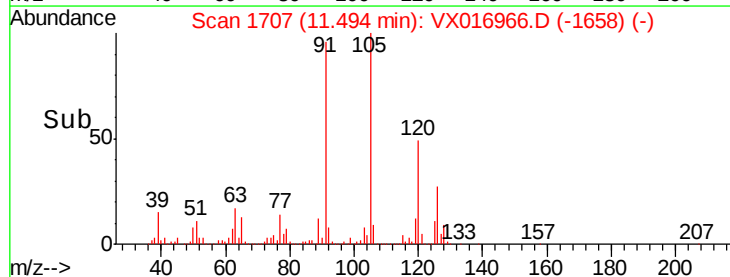
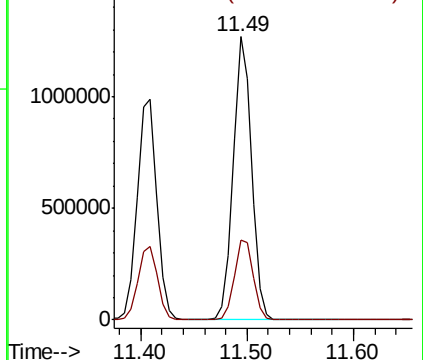
91 100

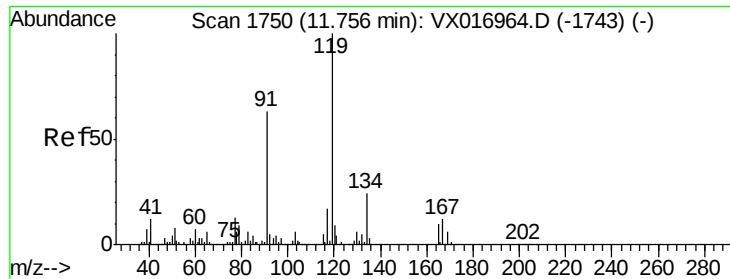
126 29.1 14.6 44.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

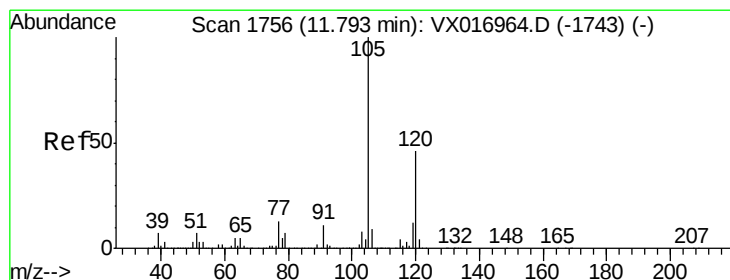
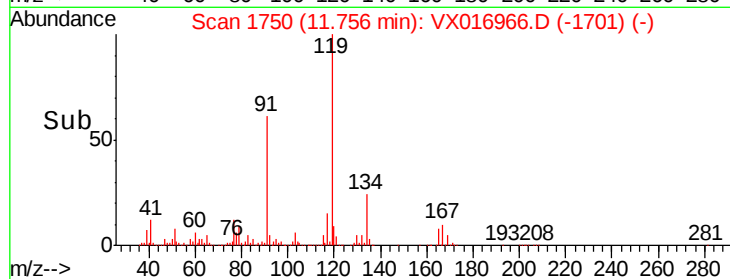
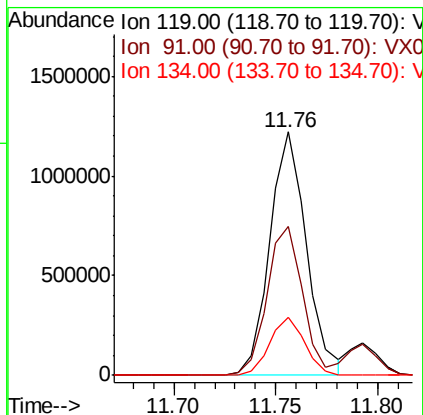
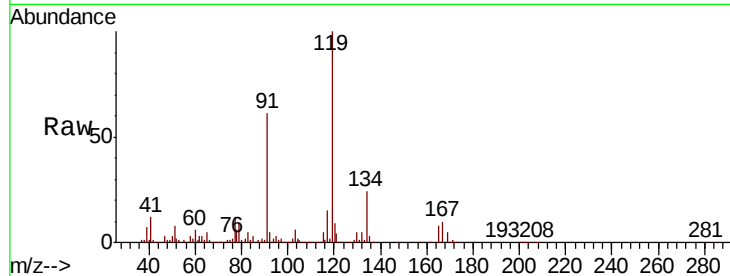




#83
tert-Butylbenzene
Concen: 166.865 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

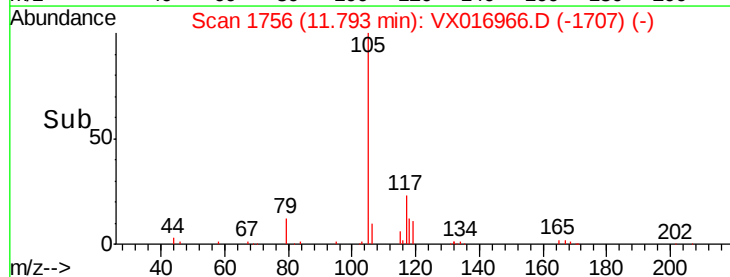
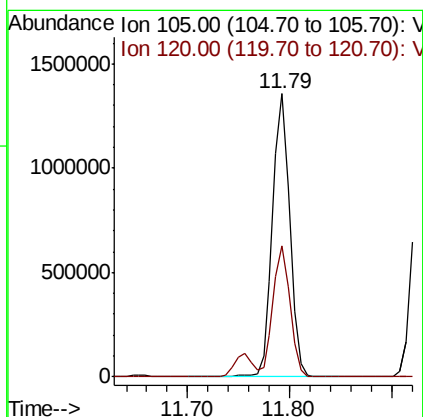
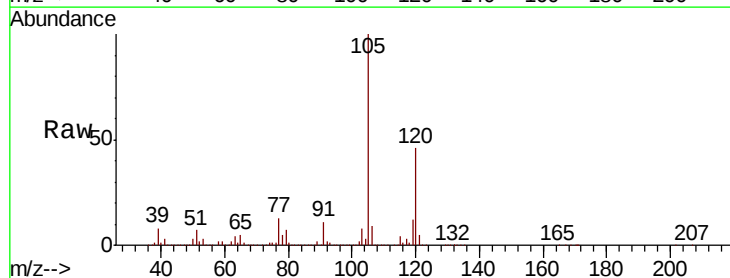
Instrument :
MSVOA_X
ClientSampleId :

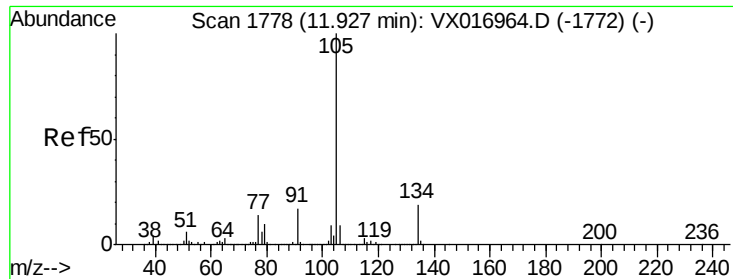
Tot Ion:119 Resp: 1526383
Ion Ratio Lower Upper
119 100
91 59.2 30.0 90.0
134 23.1 11.8 35.3



#84
1,2,4-Trimethylbenzene
Concen: 145.585 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Tgt Ion:105 Resp: 1584603
Ion Ratio Lower Upper
105 100
120 45.8 22.4 67.3

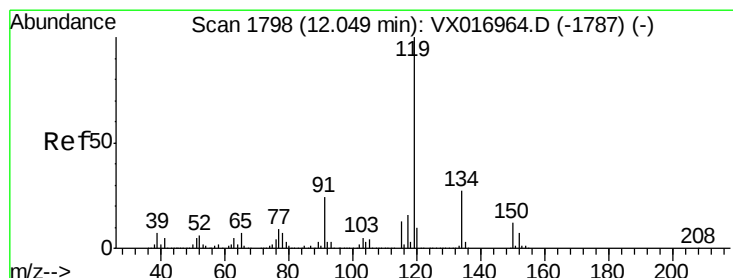
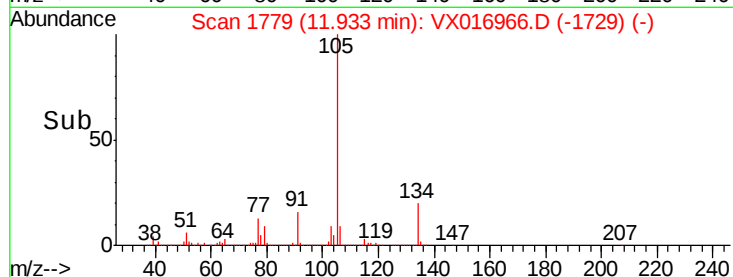
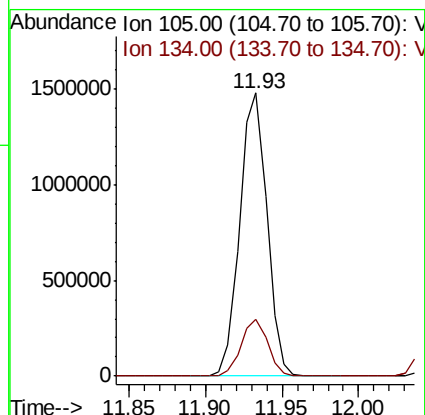
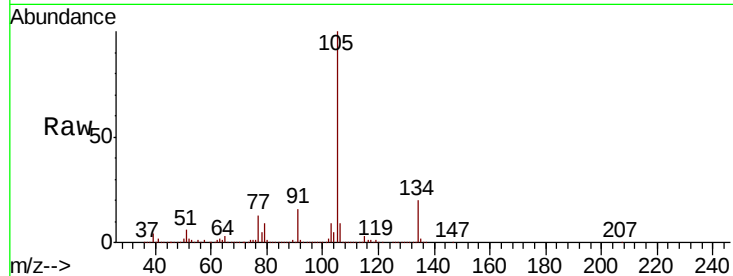




#85
 sec-Butylbenzene
 Concen: 148.983 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX016966.D
 Acq: 25 Jun 2020 20:45

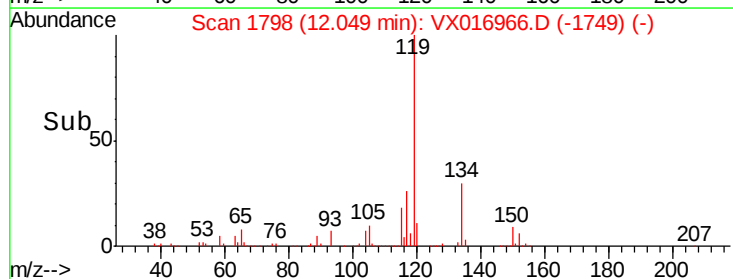
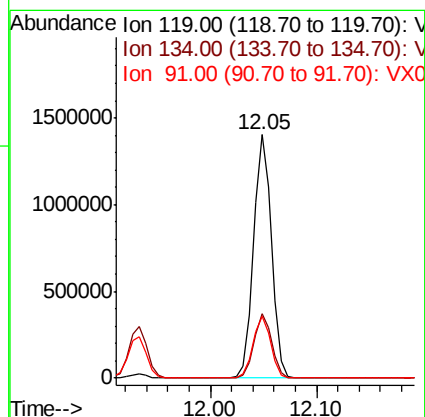
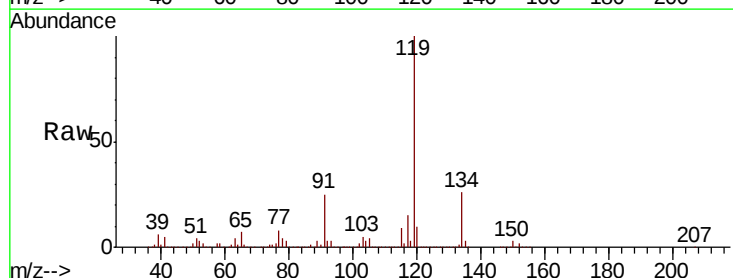
Instrument :
 MSVOA_X
 ClientSampleId :

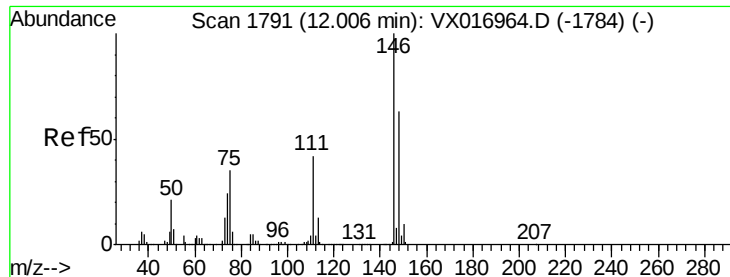
Tot Ion:105 Resp: 1818644
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 148.381 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016966.D
 Acq: 25 Jun 2020 20:45

Tgt Ion:119 Resp: 1653622
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.3
 91 24.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 152.724 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

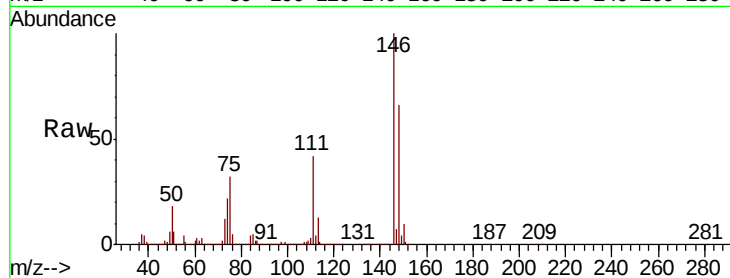
Tot Ion:146 Resp: 809544

Ion Ratio Lower Upper

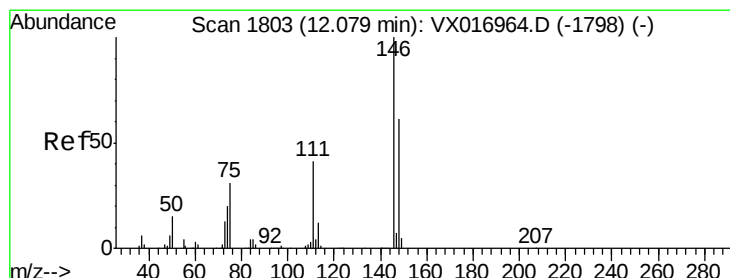
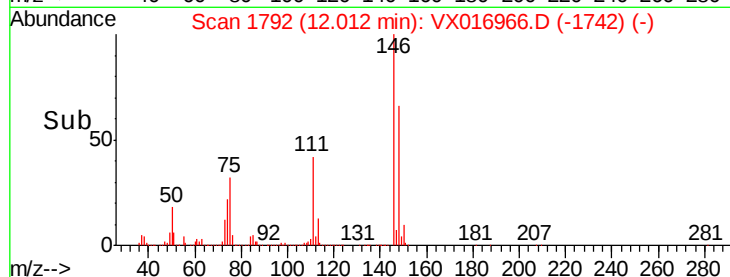
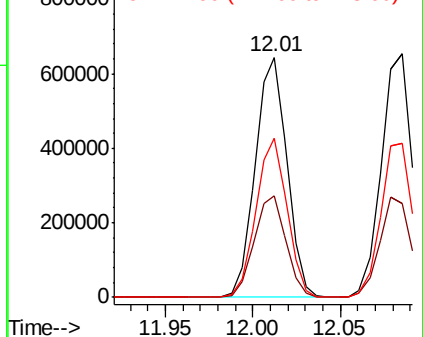
146 100

111 42.3 20.3 60.9

148 64.9 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 148.020 ug/l

RT: 12.09 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

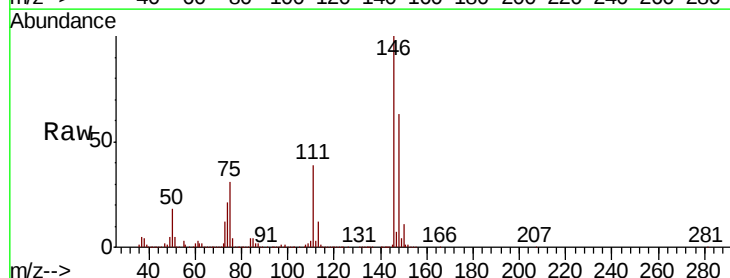
Tgt Ion:146 Resp: 806735

Ion Ratio Lower Upper

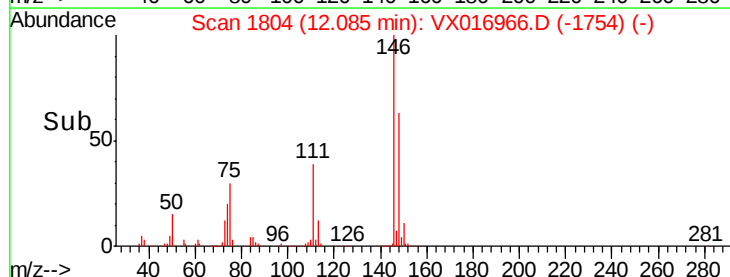
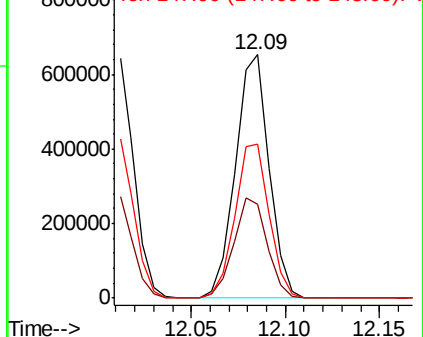
146 100

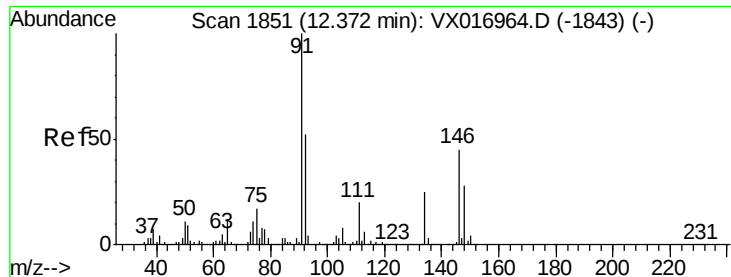
111 41.1 19.9 59.7

148 64.5 31.3 93.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

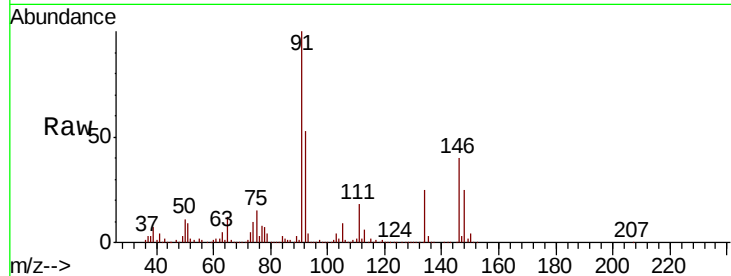




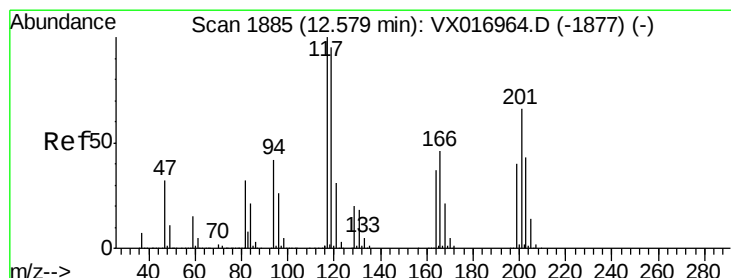
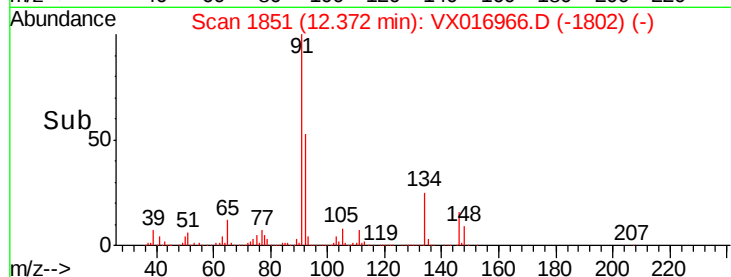
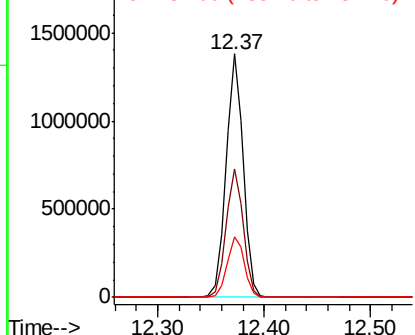
#89
n-Butylbenzene
Concen: 147.907 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 1546380
Ion Ratio Lower Upper
91 100
92 53.3 26.6 79.7
134 25.3 12.6 37.8

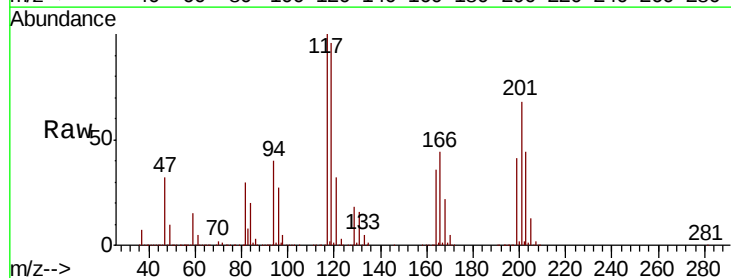


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

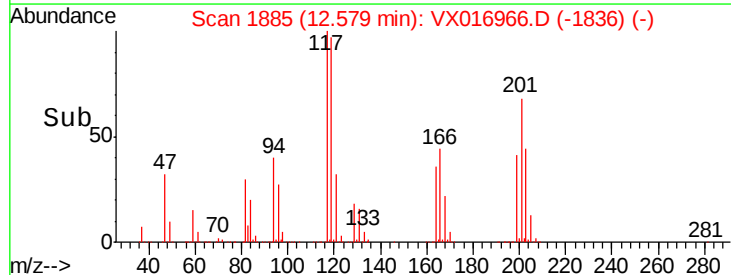
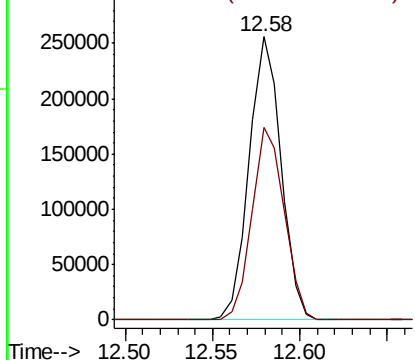


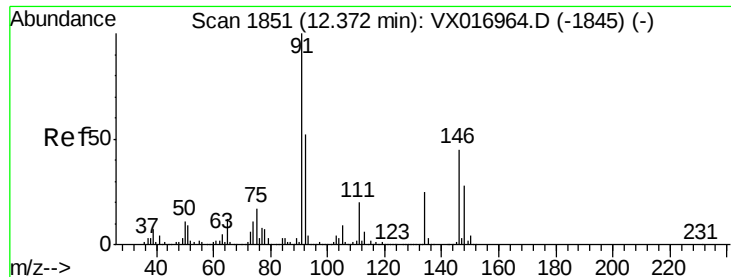
#90
Hexachloroethane
Concen: 179.468 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Tgt Ion: 117 Resp: 325481
Ion Ratio Lower Upper
117 100
201 68.8 34.0 102.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 154.051 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

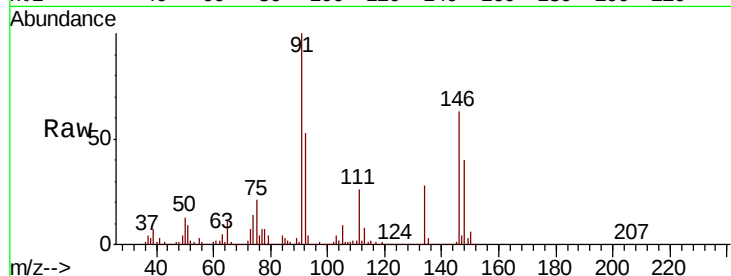
Tot Ion:146 Resp: 783944

Ion Ratio Lower Upper

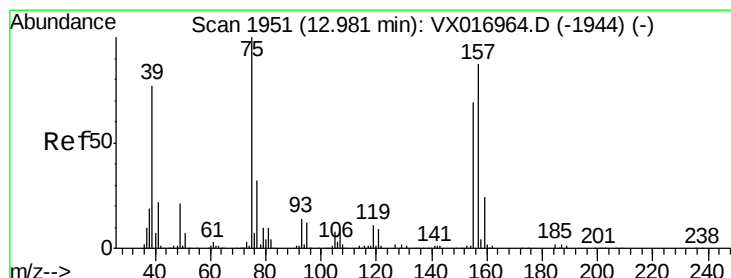
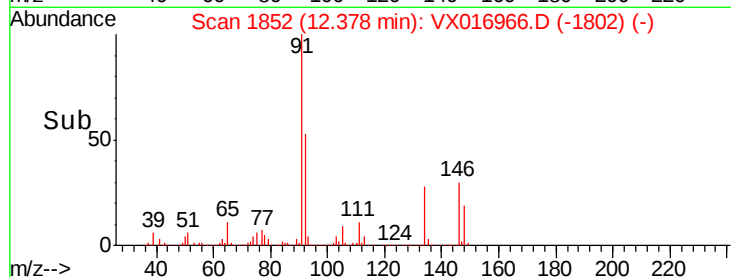
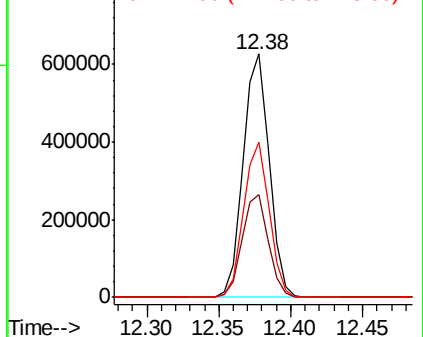
146 100

111 42.5 21.6 64.6

148 62.6 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: 153.483 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

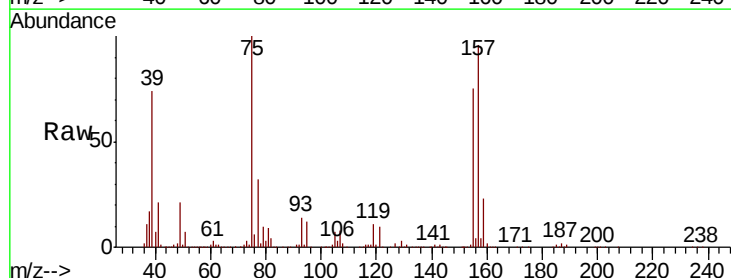
Tgt Ion: 75 Resp: 139002

Ion Ratio Lower Upper

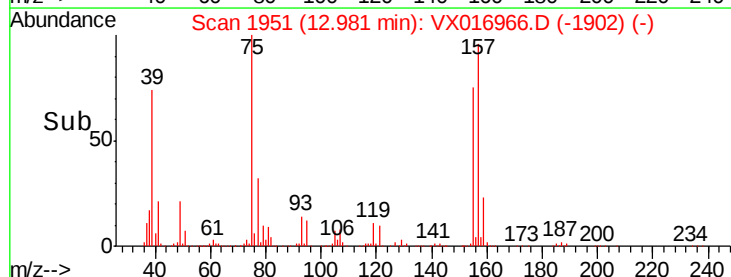
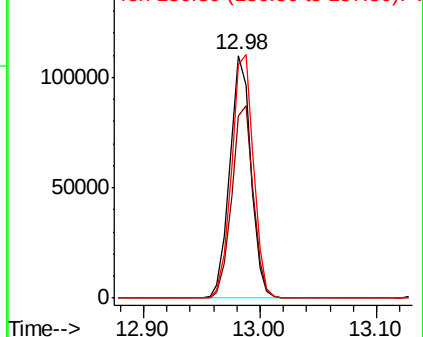
75 100

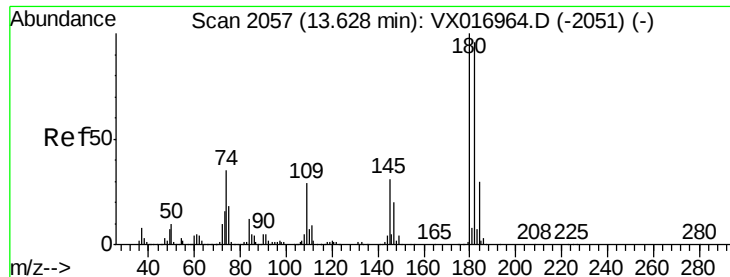
155 80.6 39.0 117.0

157 103.8 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

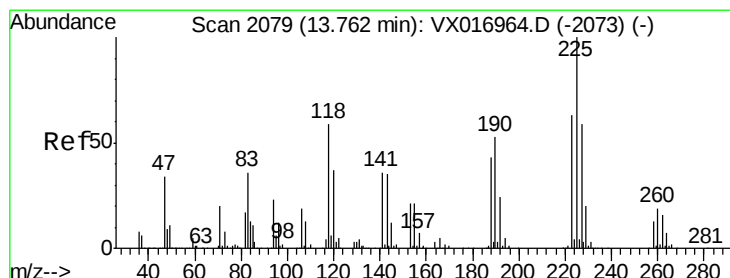
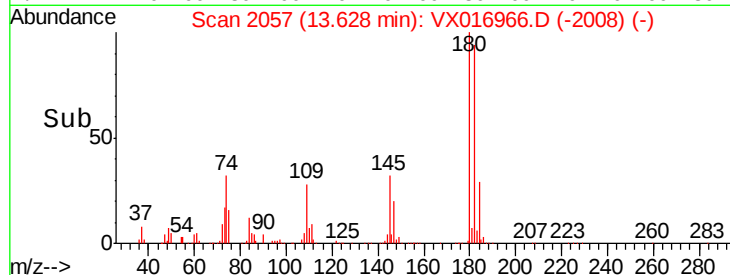
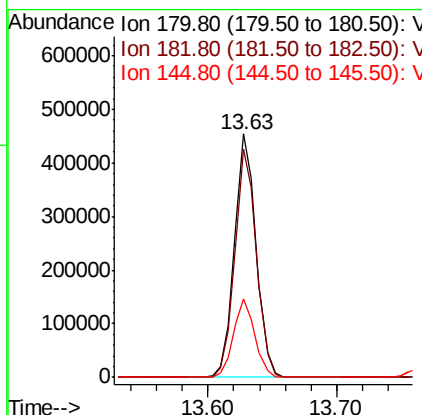
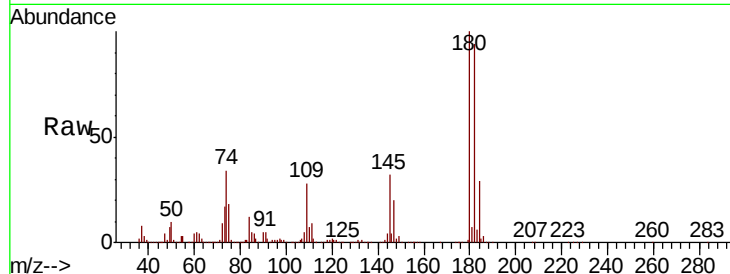




#93
 1,2,4-Trichlorobenzene
 Concen: 160.888 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016966.D
 Acq: 25 Jun 2020 20:45

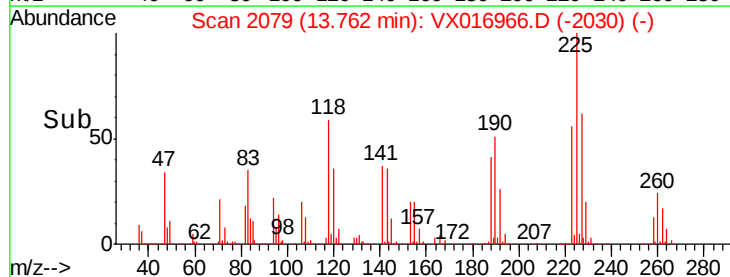
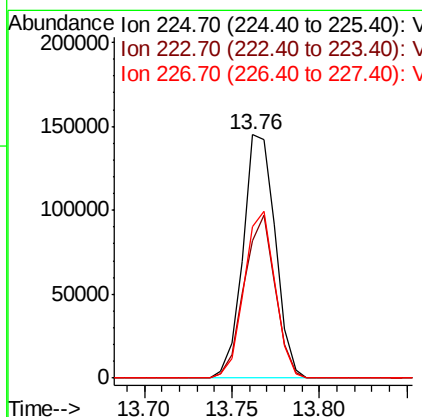
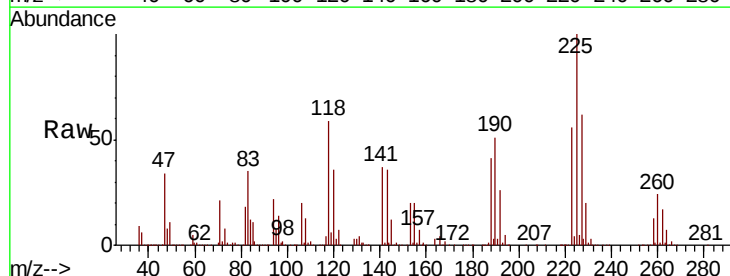
Instrument :
 MSVOA_X
 ClientSampleId :

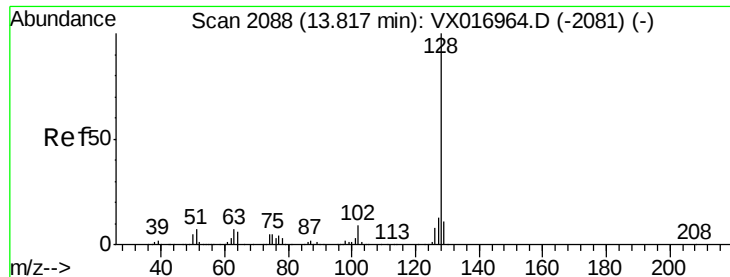
Tot Ion:180 Resp: 531244
 Ion Ratio Lower Upper
 180 100
 182 93.7 46.4 139.1
 145 31.8 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 159.281 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX016966.D
 Acq: 25 Jun 2020 20:45

Tgt Ion:225 Resp: 185772
 Ion Ratio Lower Upper
 225 100
 223 64.5 31.1 93.2
 227 65.6 30.3 90.9





#95

Naphthalene

Concen: 153.174 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

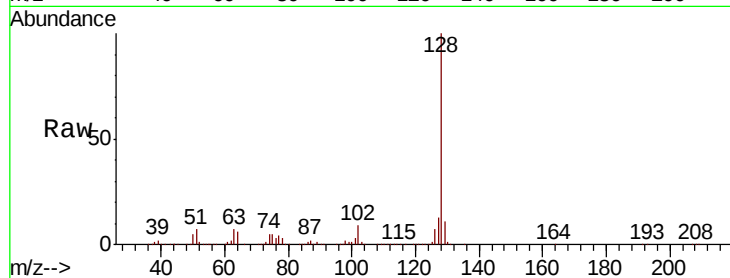
Tot Ion:128 Resp: 1808975

Ion Ratio Lower Upper

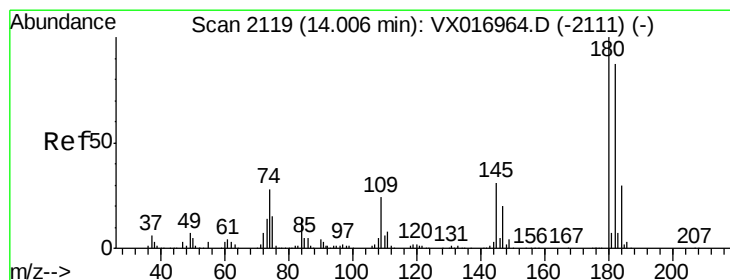
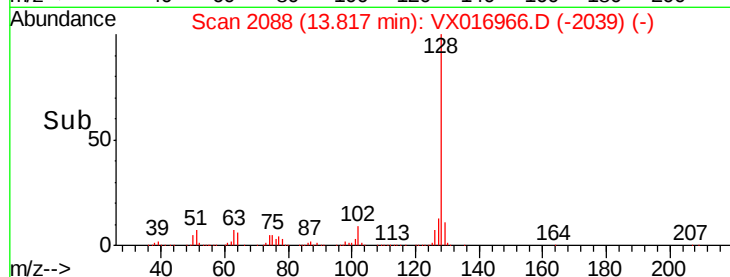
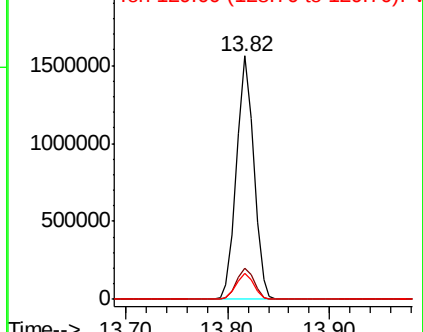
128 100

127 13.2 10.6 15.8

129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 165.154 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

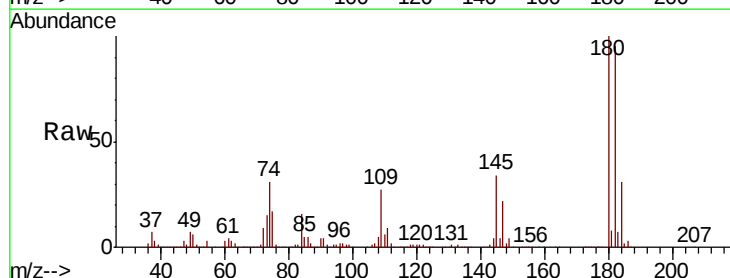
Tgt Ion:180 Resp: 517729

Ion Ratio Lower Upper

180 100

182 94.7 47.8 143.3

145 34.1 16.9 50.6



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

