

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100219\
 Data File : VX012774.D
 Acq On : 02 Oct 2019 21:07
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 03 01:35:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	171167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	299064	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	271420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	128757	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	113458	45.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.04%	
35) Dibromofluoromethane	5.49	113	88560	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
50) Toluene-d8	8.71	98	327649	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
62) 4-Bromofluorobenzene	11.13	95	126264	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	83393	43.308	ug/l	100
3) Chloromethane	1.32	50	94189	42.598	ug/l	100
4) Vinyl Chloride	1.40	62	97580	44.399	ug/l	95
5) Bromomethane	1.62	94	29229	33.826	ug/l	99
6) Chloroethane	1.70	64	62621	42.266	ug/l	97
7) Trichlorofluoromethane	1.92	101	140149	45.419	ug/l	97
8) Diethyl Ether	2.18	74	57291	45.306	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	89999	47.886	ug/l	97
10) Methyl Iodide	2.50	142	67186	35.525	ug/l	94
11) Tert butyl alcohol	3.04	59	149315	239.806	ug/l	100
12) 1,1-Dichloroethene	2.36	96	88300	47.980	ug/l	96
13) Acrolein	2.28	56	61640	180.671	ug/l	98
14) Allyl chloride	2.72	41	166141	45.502	ug/l	97
15) Acrylonitrile	3.14	53	316649	250.667	ug/l	98
16) Acetone	2.44	43	273673	207.290	ug/l	97
17) Carbon Disulfide	2.56	76	218883	42.425	ug/l	100
18) Methyl Acetate	2.76	43	154889	49.824	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	337862	48.502	ug/l	97
20) Methylene Chloride	2.84	84	108045	48.385	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	98211	48.170	ug/l	98
22) Diisopropyl ether	3.84	45	336323	47.670	ug/l	98
23) Vinyl Acetate	3.81	43	1460234	236.013	ug/l	97
24) 1,1-Dichloroethane	3.68	63	185122	48.271	ug/l	98
25) 2-Butanone	4.67	43	436185	230.416	ug/l	97
26) 2,2-Dichloropropane	4.57	77	130281	38.196	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	113107	47.811	ug/l	92
28) Bromochloromethane	5.00	49	63367	45.506	ug/l	96
29) Tetrahydrofuran	5.12	42	281469	243.947	ug/l	96
30) Chloroform	5.20	83	188460	48.033	ug/l	97
31) Cyclohexane	5.57	56	159358	45.932	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	164170	47.211	ug/l	99
36) 1,1-Dichloropropene	5.79	75	134579	46.686	ug/l	97
37) Ethyl Acetate	4.82	43	163433	48.495	ug/l	98
38) Carbon Tetrachloride	5.78	117	139952	47.793	ug/l	98

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Quant Time: Oct 03 01:35:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	161796	46.623	ug/l	97
40) Benzene	6.14	78	415802	49.024	ug/l	99
41) Methacrylonitrile	5.03	41	88463	46.784	ug/l	94
42) 1,2-Dichloroethane	6.18	62	154373	47.930	ug/l	99
43) Isopropyl Acetate	6.43	43	264433	46.919	ug/l	97
44) Trichloroethene	7.21	130	107238	49.458	ug/l	95
45) 1,2-Dichloropropane	7.51	63	108287	49.868	ug/l	99
46) Dibromomethane	7.65	93	71613	48.437	ug/l	99
47) Bromodichloromethane	7.89	83	143719	48.638	ug/l	99
48) Methyl methacrylate	7.76	41	131420	48.631	ug/l	93
49) 1,4-Dioxane	7.73	88	63699	1039.222	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	857387	246.450	ug/l	95
52) Toluene	8.78	92	265219	49.753	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	154780	47.343	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	171045	47.917	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	108144	51.027	ug/l	97
56) Ethyl methacrylate	9.17	69	175364	49.252	ug/l	92
57) 1,3-Dichloropropane	9.37	76	180014	48.532	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	398362	249.253	ug/l	99
59) 2-Hexanone	9.49	43	663009	248.978	ug/l	95
60) Dibromochloromethane	9.58	129	109258	50.927	ug/l	99
61) 1,2-Dibromoethane	9.67	107	112153	50.848	ug/l	98
64) Tetrachloroethene	9.33	164	94646	50.014	ug/l	94
65) Chlorobenzene	10.14	112	277197	48.499	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	102301	49.400	ug/l	99
67) Ethyl Benzene	10.24	91	502778	48.500	ug/l	99
68) m/p-Xylenes	10.35	106	381346	98.201	ug/l	98
69) o-Xylene	10.70	106	184263	49.038	ug/l	99
70) Styrene	10.71	104	321900	51.101	ug/l	98
71) Bromoform	10.85	173	73511	50.980	ug/l	# 98
73) Isopropylbenzene	11.01	105	487978	46.533	ug/l	99
74) N-amyl acetate	10.89	43	232272	46.427	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	171250	49.308	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	198739	58.351	ug/l	87
77) Bromobenzene	11.25	156	114573	48.273	ug/l	97
78) n-propylbenzene	11.35	91	550831	46.656	ug/l	99
79) 2-Chlorotoluene	11.42	91	342248	46.469	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	418548	47.594	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	50858	42.792	ug/l	97
82) 4-Chlorotoluene	11.51	91	388157	46.232	ug/l	99
83) tert-Butylbenzene	11.77	119	404969	47.739	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	420873	47.442	ug/l	99
85) sec-Butylbenzene	11.94	105	475340	48.176	ug/l	99
86) p-Isopropyltoluene	12.06	119	431975	48.521	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	211282	49.465	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	211046	48.897	ug/l	99
89) n-Butylbenzene	12.38	91	368951	47.029	ug/l	99
90) Hexachloroethane	12.59	117	73583	46.360	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	212320	49.651	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	42050	48.401	ug/l	98

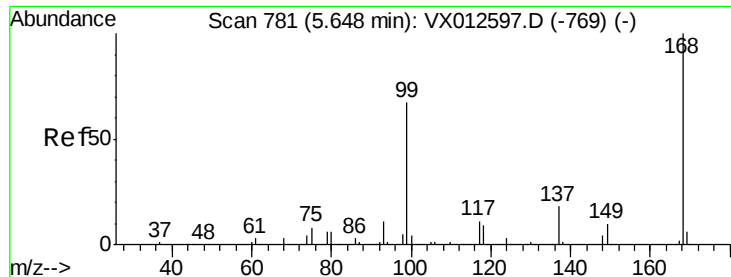
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	132940	50.977	ug/l	99
94) Hexachlorobutadiene	13.78	225	57491	51.244	ug/l	99
95) Naphthalene	13.83	128	484789	51.380	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	133749	51.199	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

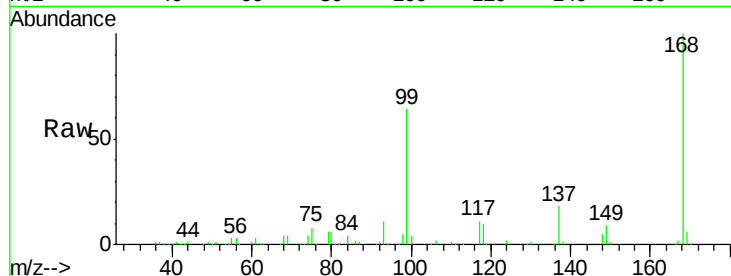
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 171167

Ion Ratio Lower Upper

168 100

99 64.2 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

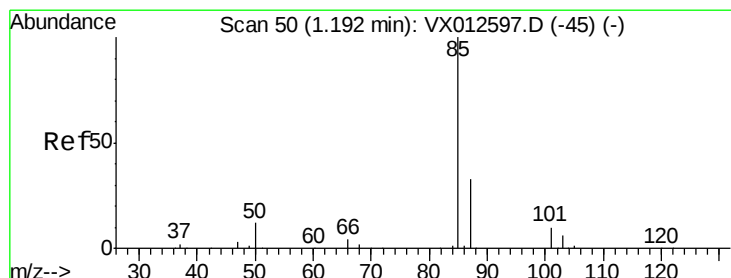
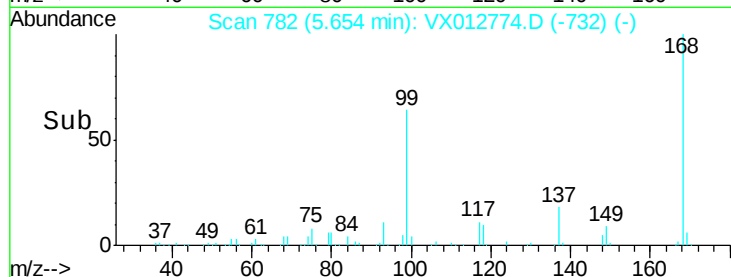
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 43.308 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX012774.D

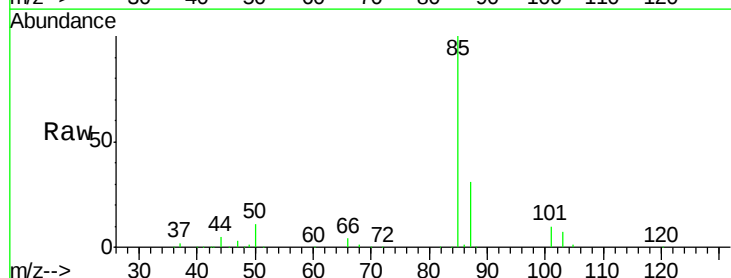
Acq: 02 Oct 2019 21:07

Tgt Ion: 85 Resp: 83393

Ion Ratio Lower Upper

85 100

87 31.3 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

60000

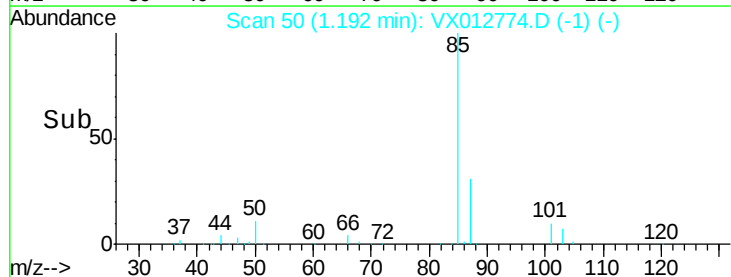
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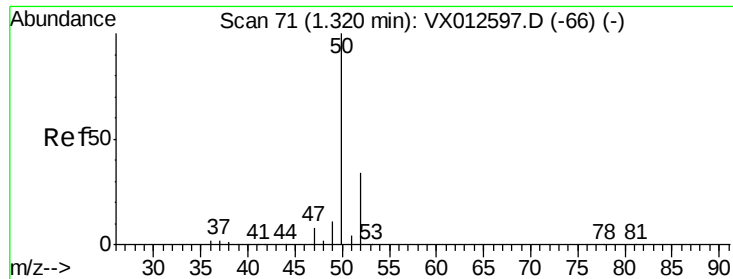
20000

0

Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 42.598 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :

MSVOA_X

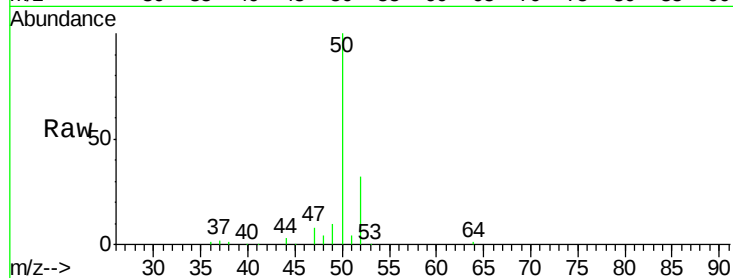
ClientSampleId :

Tot Ion: 50 Resp: 94189

Ion Ratio Lower Upper

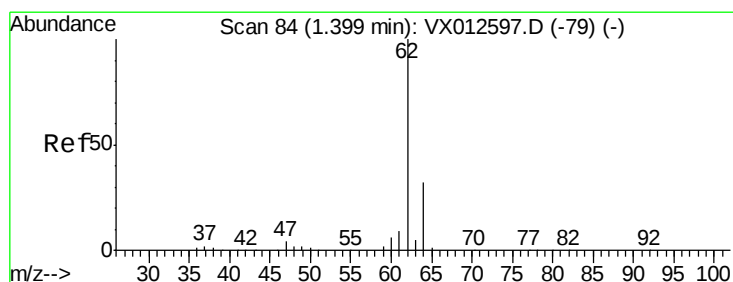
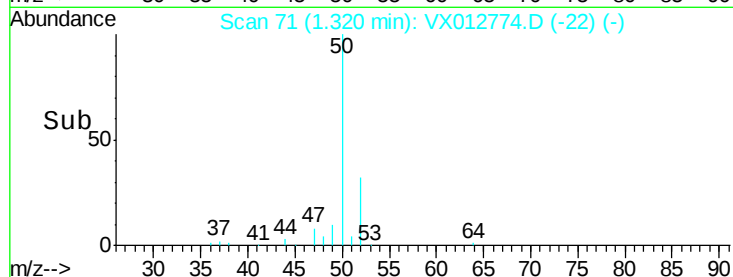
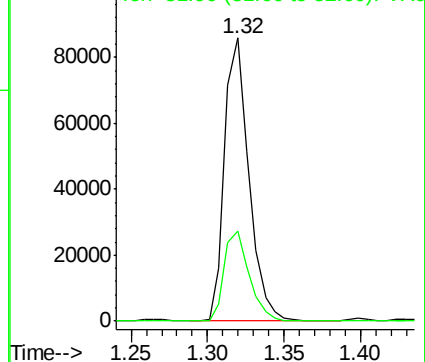
50 100

52 31.9 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.399 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012774.D

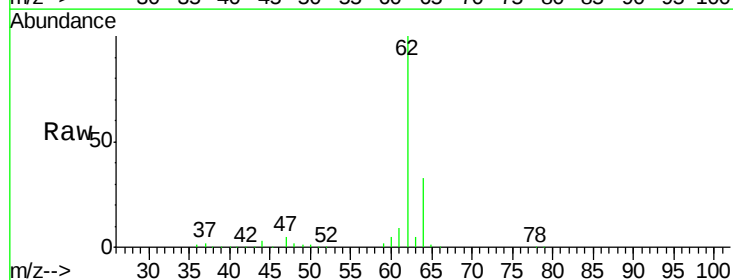
Acq: 02 Oct 2019 21:07

Tgt Ion: 62 Resp: 97580

Ion Ratio Lower Upper

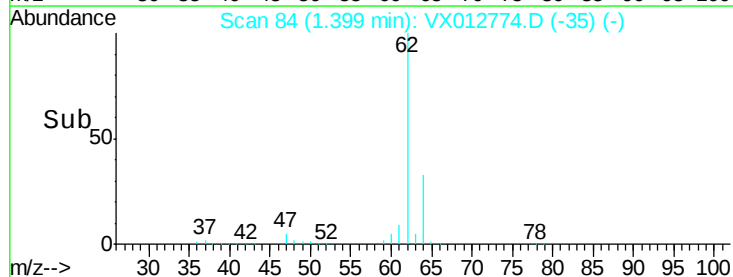
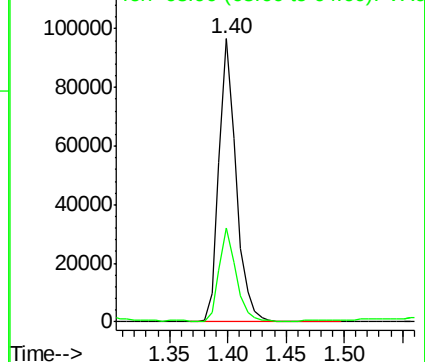
62 100

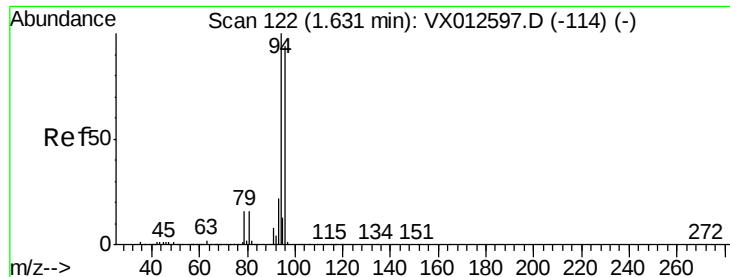
64 32.8 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 33.826 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :

MSVOA_X

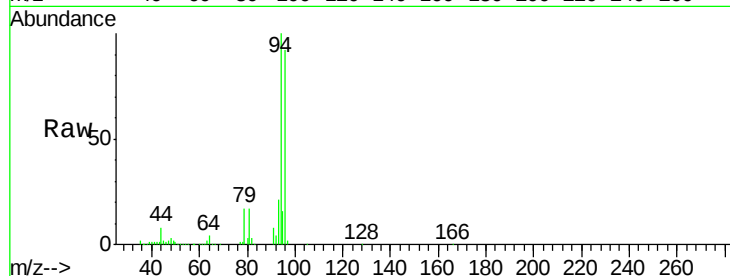
ClientSampleId :

Tot Ion: 94 Resp: 29229

Ion Ratio Lower Upper

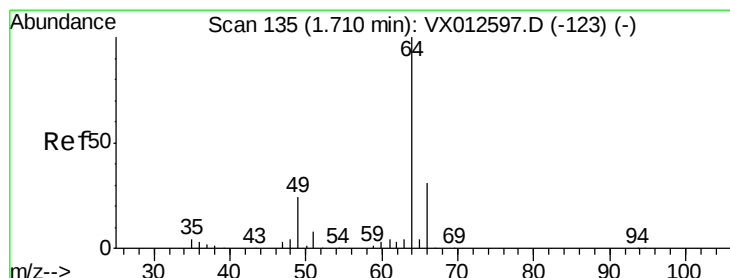
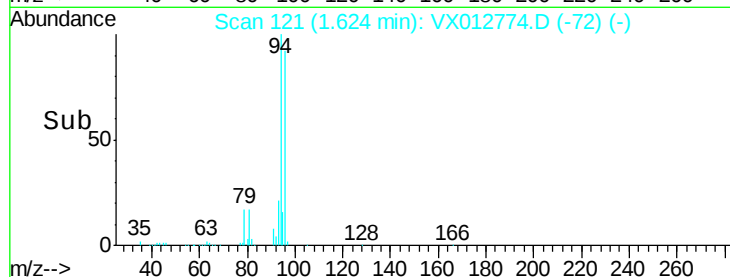
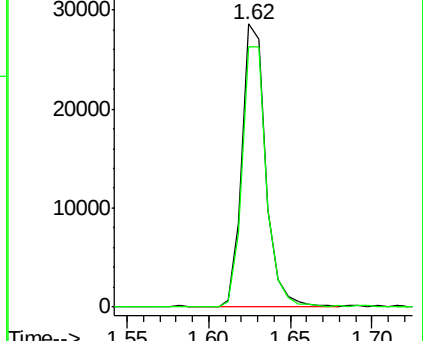
94 100

96 91.8 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 42.266 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012774.D

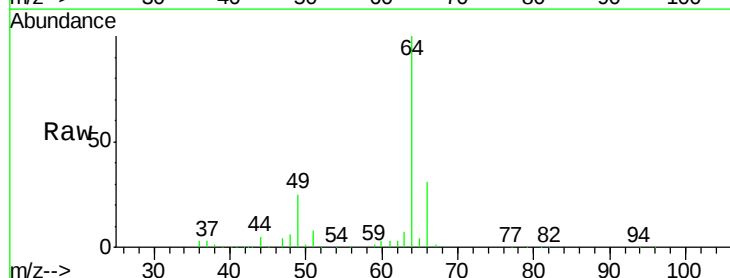
Acq: 02 Oct 2019 21:07

Tgt Ion: 64 Resp: 62621

Ion Ratio Lower Upper

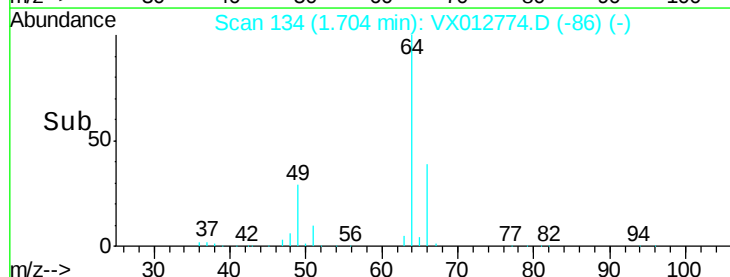
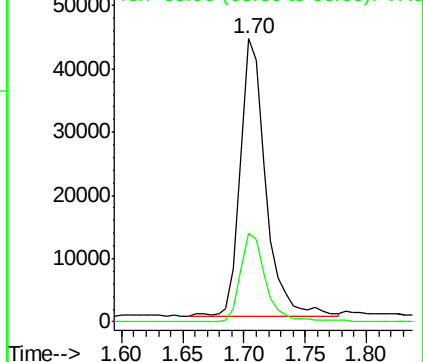
64 100

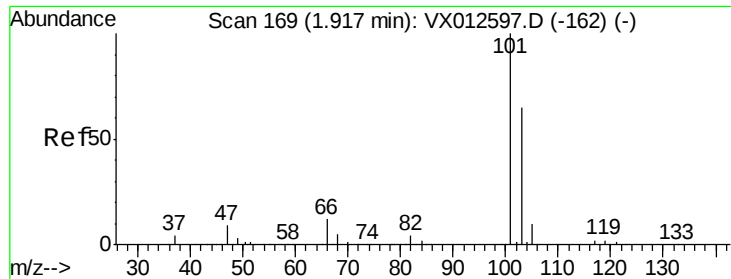
66 31.7 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



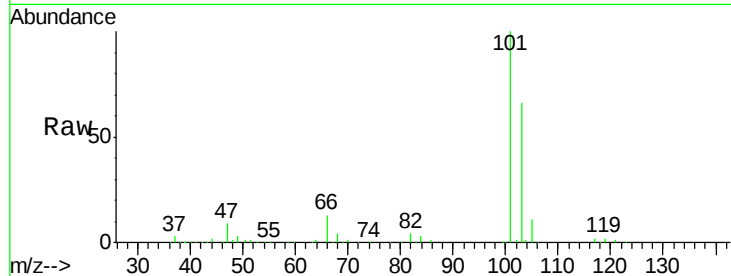


#7

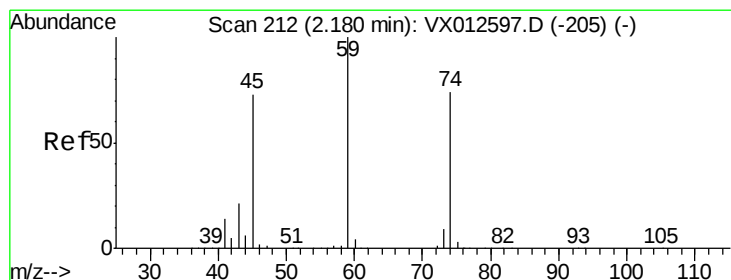
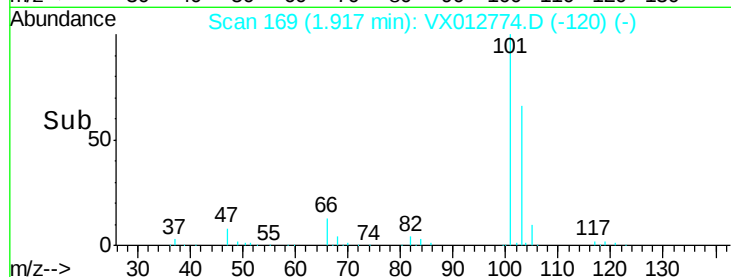
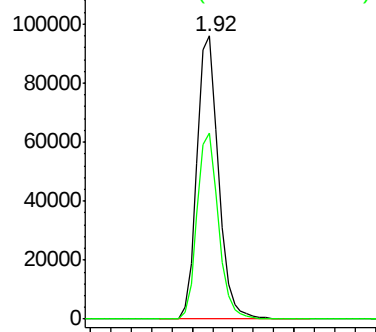
Trichlorofluoromethane
 Concen: 45.419 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012774.D
 Acq: 02 Oct 2019 21:07

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:101 Resp: 140149
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.0 76.4



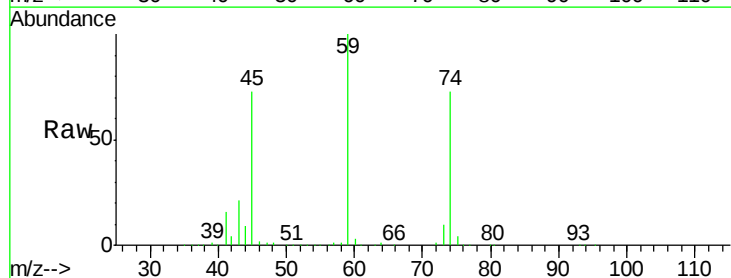
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



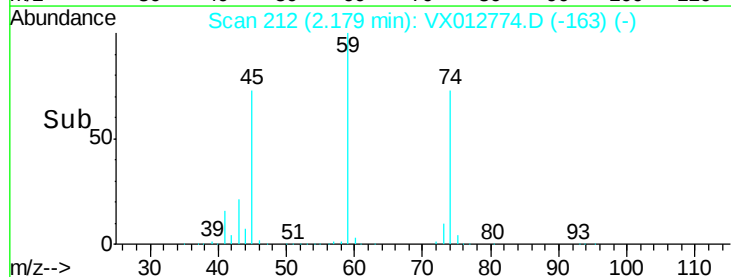
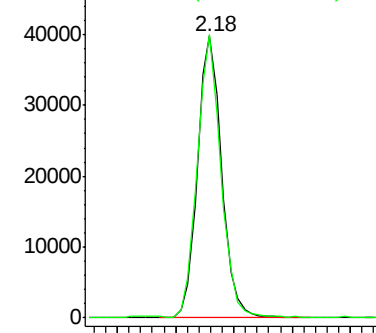
#8

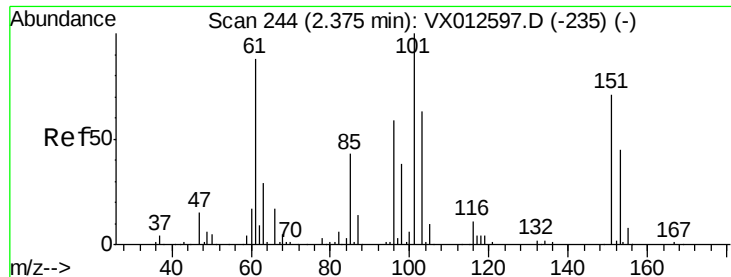
Diethyl Ether
 Concen: 45.306 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX012774.D
 Acq: 02 Oct 2019 21:07

Tgt Ion: 74 Resp: 57291
 Ion Ratio Lower Upper
 74 100
 45 98.6 49.9 149.7



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.886 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :

MSVOA_X

ClientSampleId :

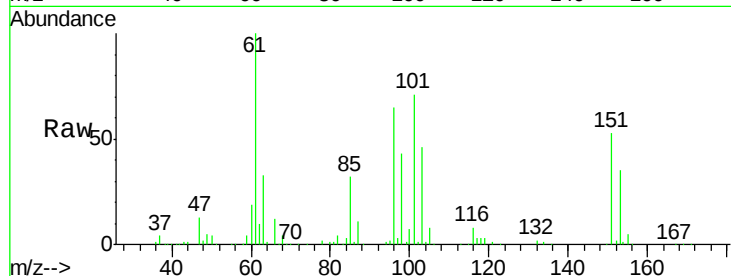
Tot Ion:101 Resp: 89999

Ion Ratio Lower Upper

101 100

85 43.2 37.3 55.9

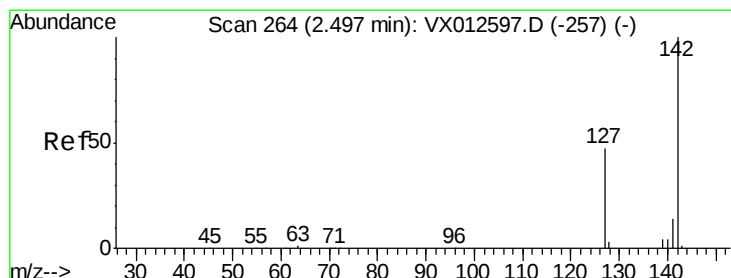
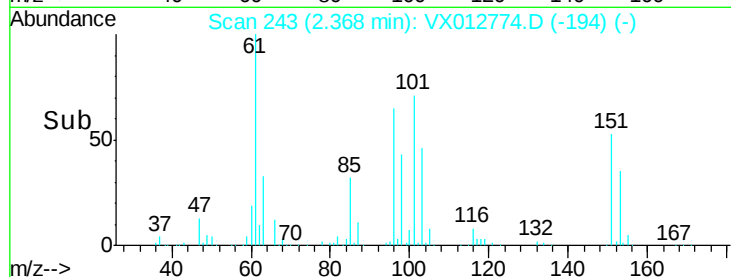
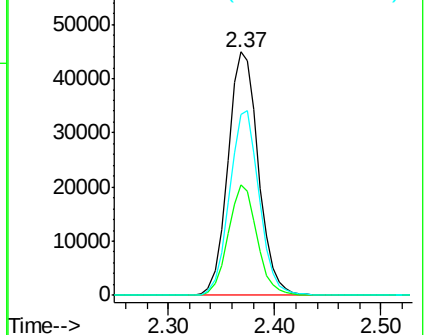
151 74.4 61.0 91.4



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: 35.525 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

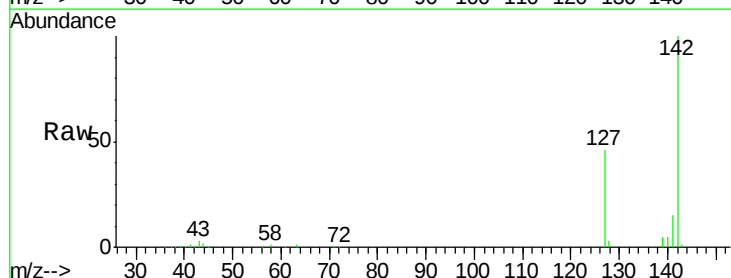
Tgt Ion:142 Resp: 67186

Ion Ratio Lower Upper

142 100

127 46.0 40.8 61.2

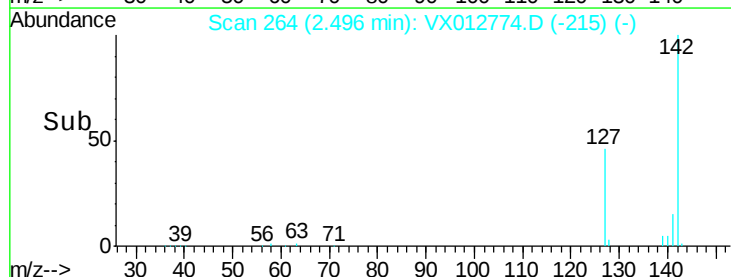
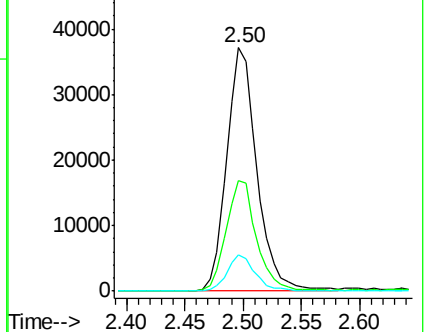
141 14.2 12.1 18.1

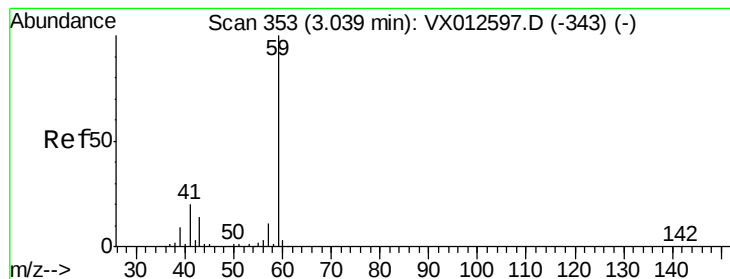


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



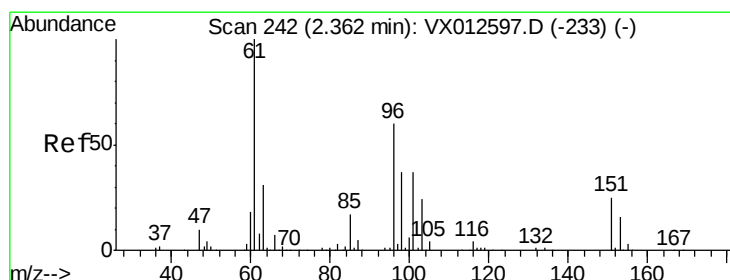
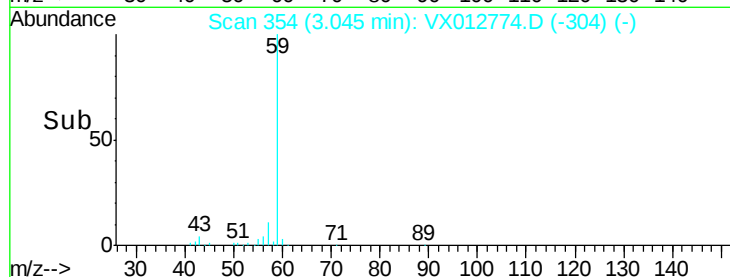
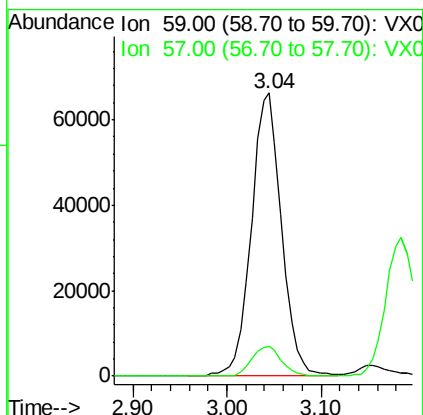
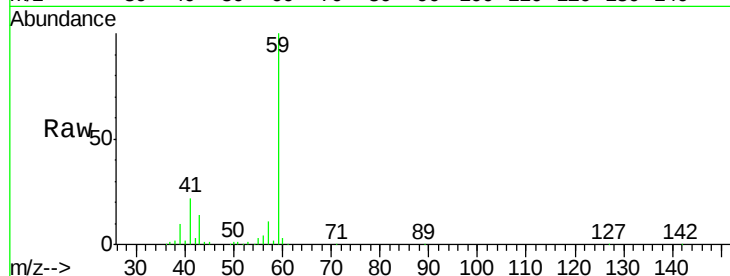


#11

Tert butyl alcohol
Concen: 239.806 ug/l
RT: 3.04 min Scan# 354
Delta R.T. 0.01 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Instrument :
MSVOA_X
ClientSampleId :

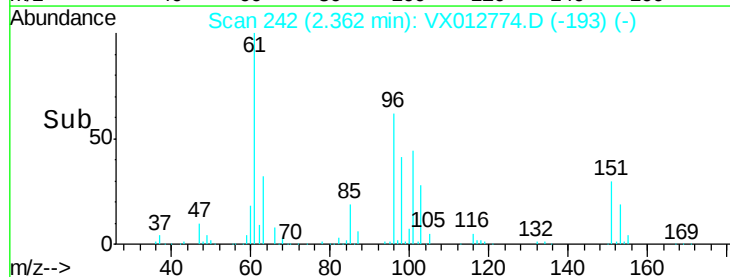
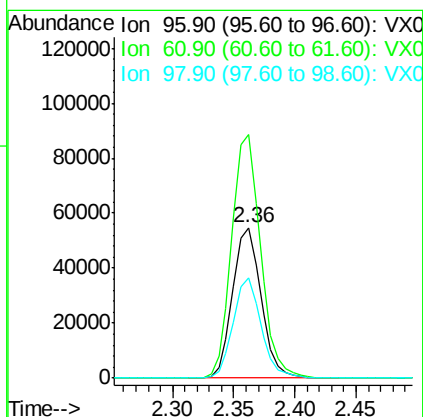
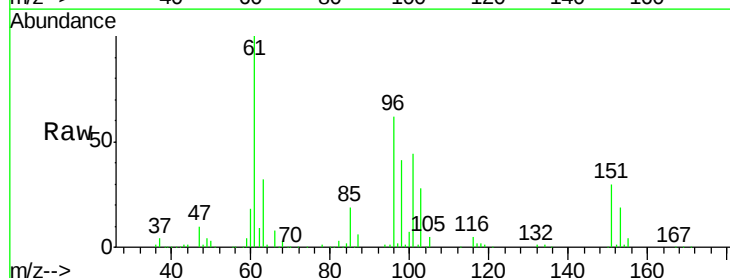
Tot Ion: 59 Resp: 149315
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

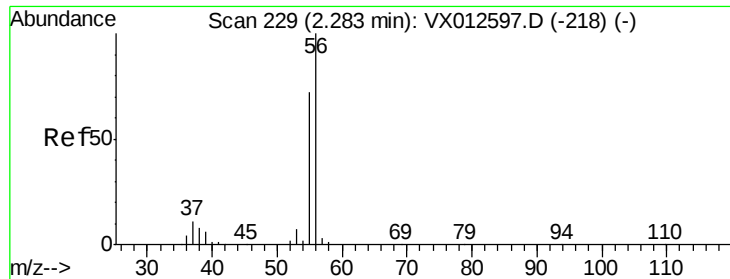


#12

1,1-Dichloroethene
Concen: 47.980 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Tgt Ion: 96 Resp: 88300
Ion Ratio Lower Upper
96 100
61 162.1 133.8 200.6
98 66.7 49.9 74.9

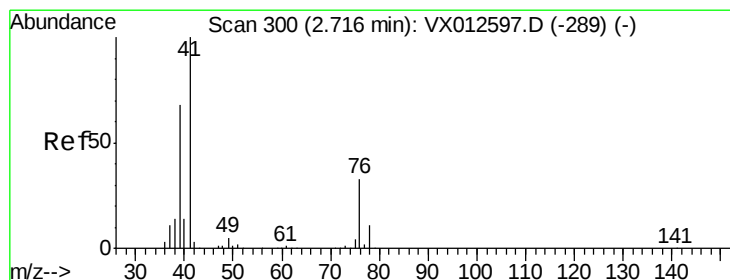
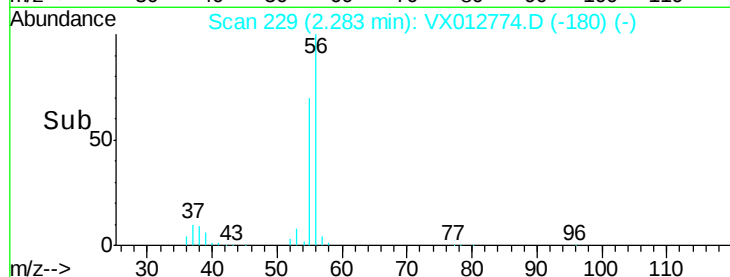
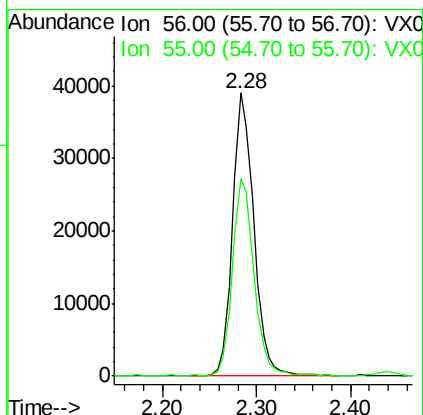
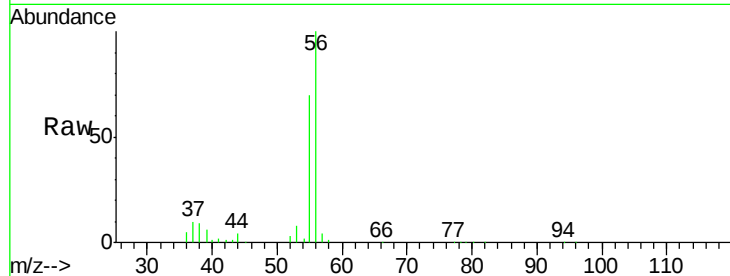




#13
Acrolein
Concen: 180.671 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

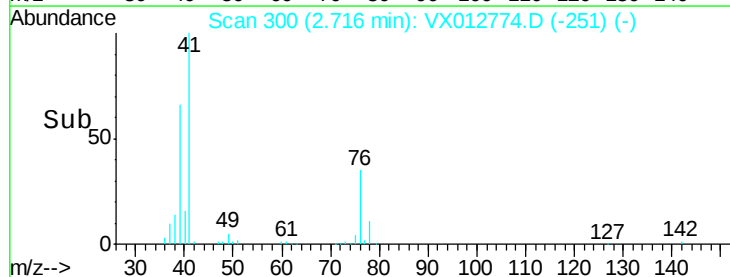
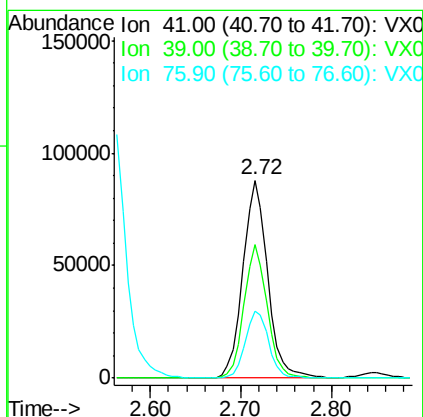
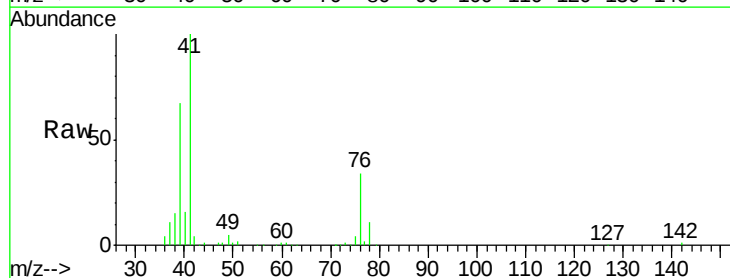
Instrument :
MSVOA_X
ClientSampled :

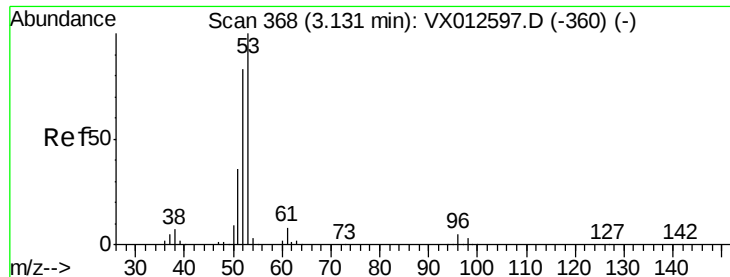
Tot Ion: 56 Resp: 61640
Ion Ratio Lower Upper
56 100
55 71.2 55.8 83.8



#14
Allyl chloride
Concen: 45.502 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Tgt Ion: 41 Resp: 166141
Ion Ratio Lower Upper
41 100
39 63.2 51.3 76.9
76 31.9 22.6 33.8





#15

Acrylonitrile

Concen: 250.667 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :

MSVOA_X

ClientSampleId :

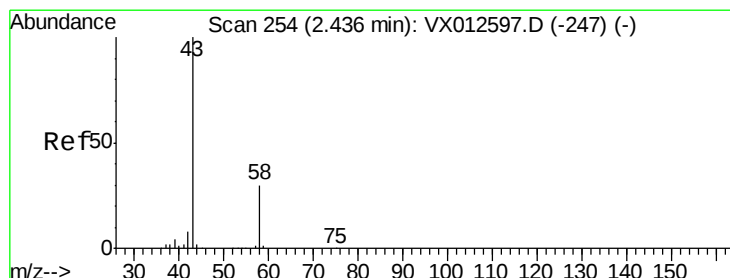
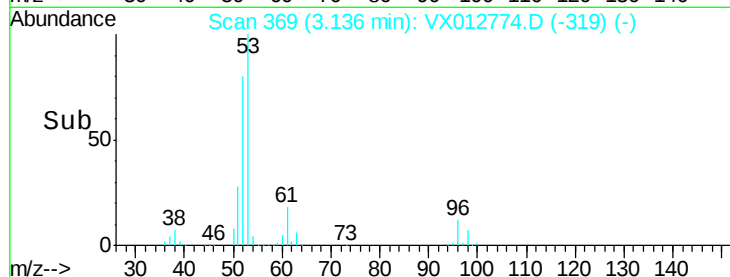
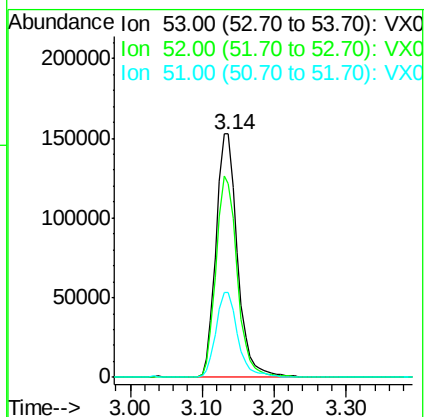
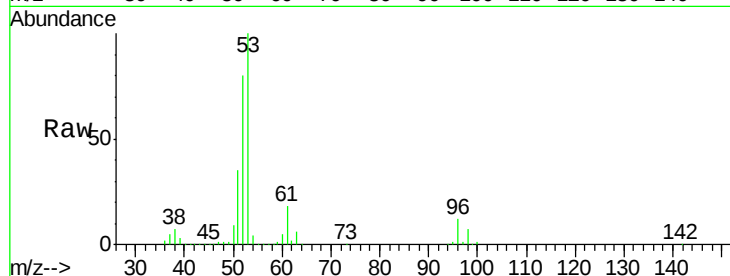
Tot Ion: 53 Resp: 316649

Ion Ratio Lower Upper

53 100

52 82.0 67.0 100.4

51 35.8 29.6 44.4



#16

Acetone

Concen: 207.290 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012774.D

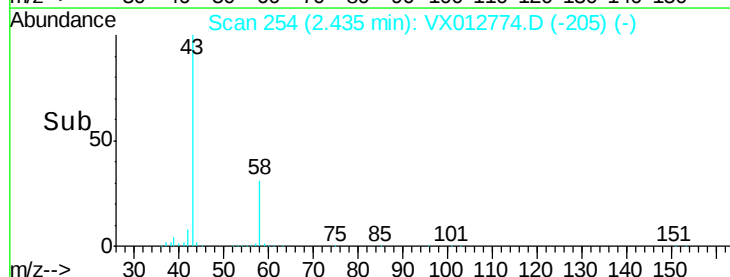
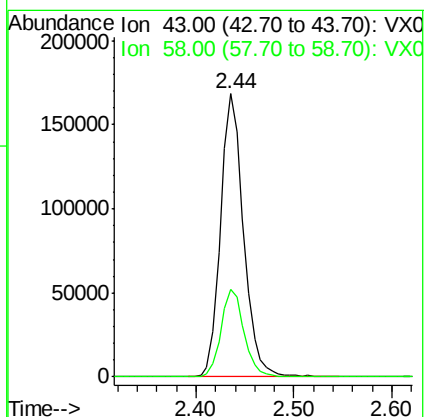
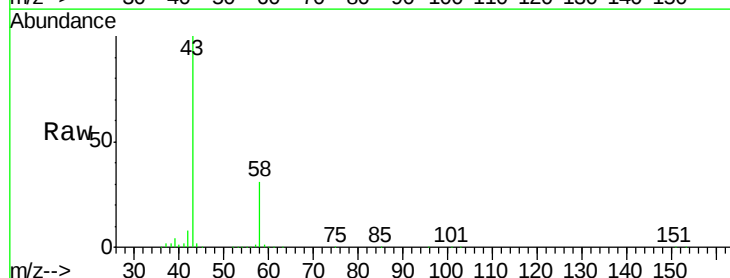
Acq: 02 Oct 2019 21:07

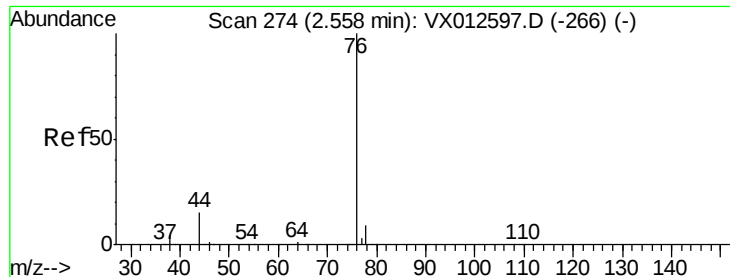
Tgt Ion: 43 Resp: 273673

Ion Ratio Lower Upper

43 100

58 30.9 23.3 34.9

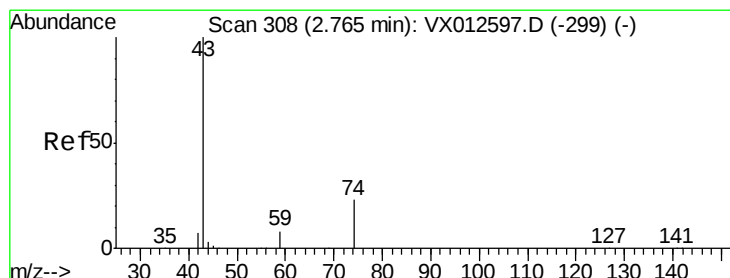
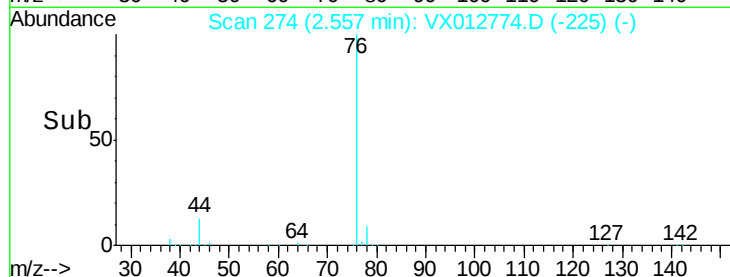
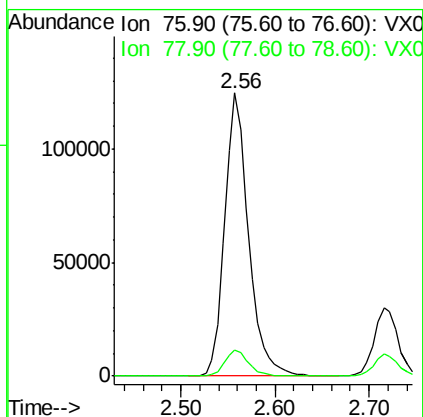
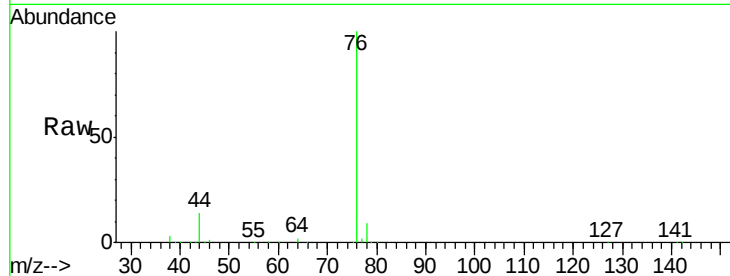




#17
Carbon Disulfide
Concen: 42.425 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

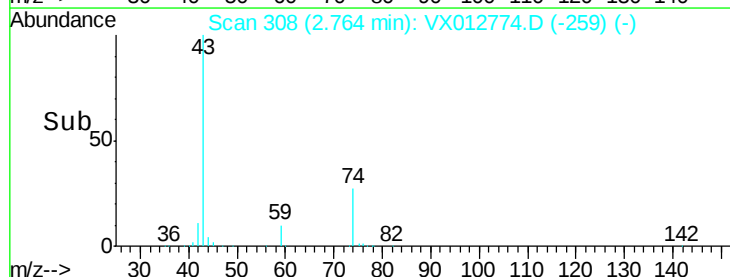
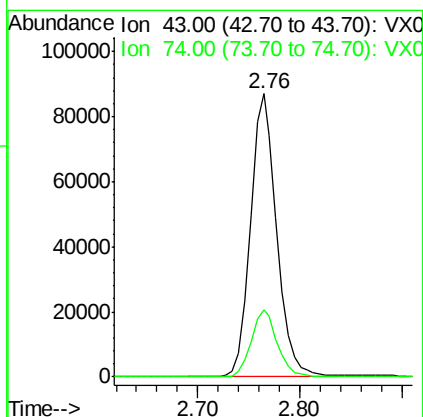
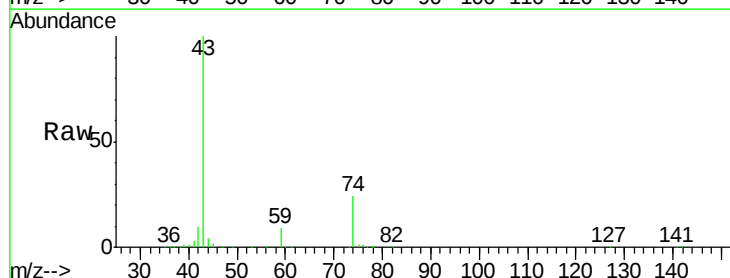
Instrument :
MSVOA_X
ClientSampled :

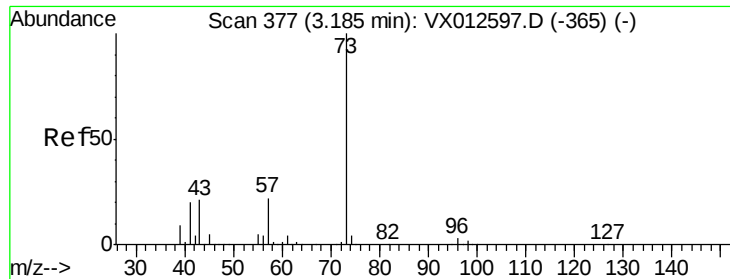
Tot Ion: 76 Resp: 218883
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 49.824 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Tgt Ion: 43 Resp: 154889
Ion Ratio Lower Upper
43 100
74 23.1 17.7 26.5

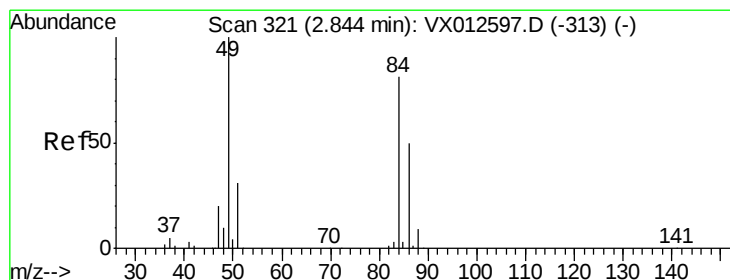
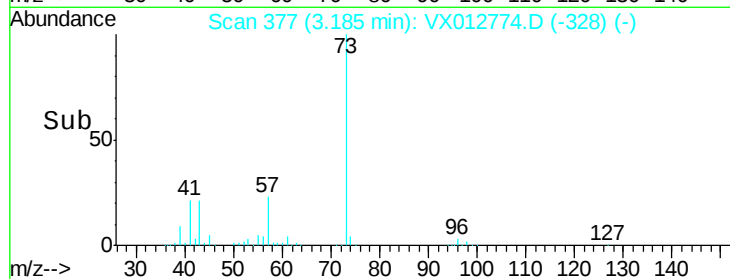
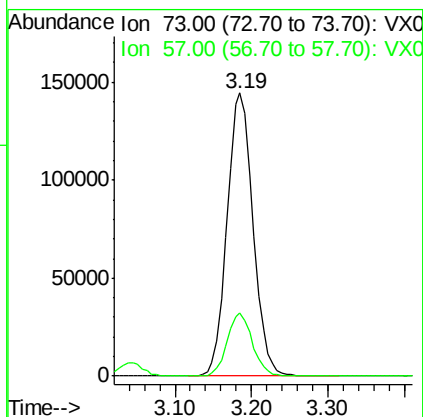
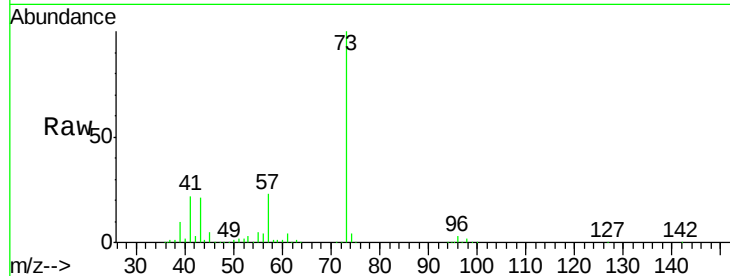




#19
Methvl tert-butvl Ether
Concen: 48.502 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

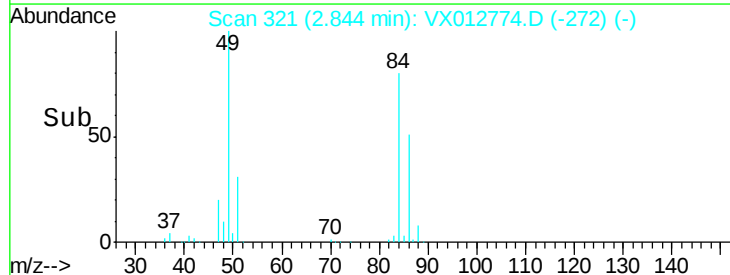
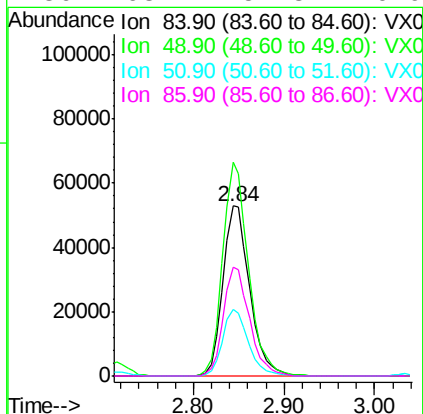
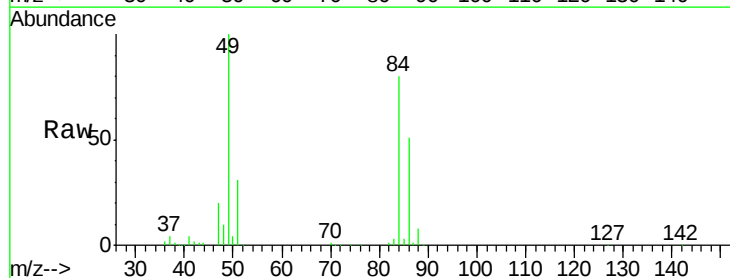
Instrument :
MSVOA_X
ClientSampleId :

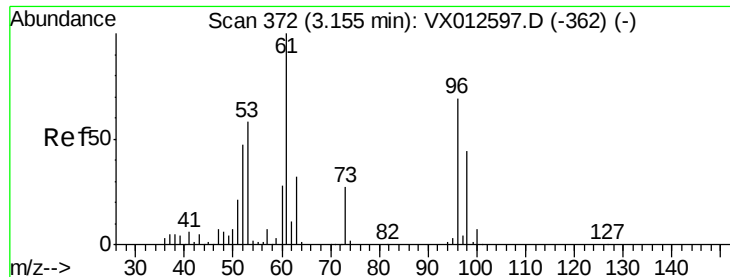
Tot Ion: 73 Resp: 337862
Ion Ratio Lower Upper
73 100
57 22.5 16.8 25.2



#20
Methylene Chloride
Concen: 48.385 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Tgt Ion: 84 Resp: 108045
Ion Ratio Lower Upper
84 100
49 125.7 106.8 160.2
51 39.5 32.3 48.5
86 63.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 48.170 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :
MSVOA_X
ClientSampled :

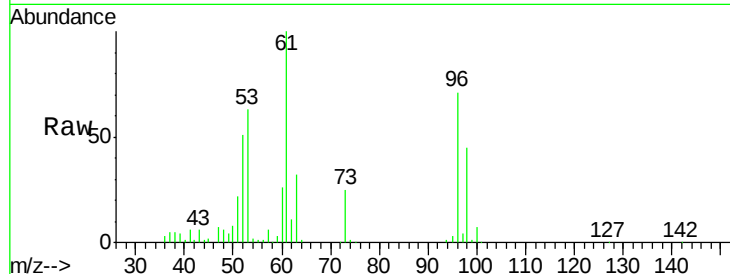
Tot Ion: 96 Resp: 98211

Ion Ratio Lower Upper

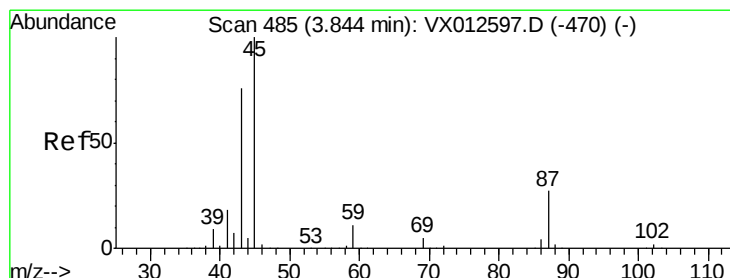
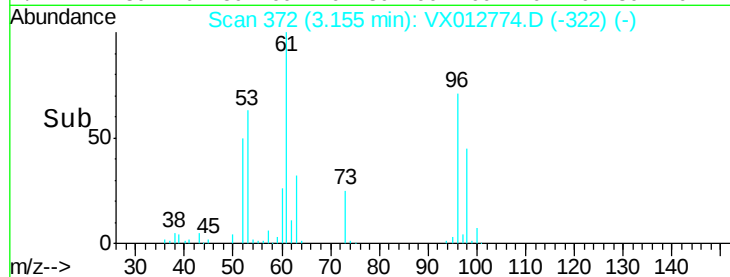
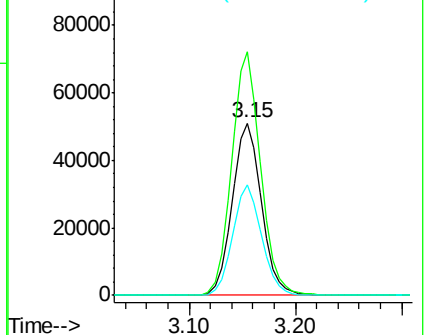
96 100

61 141.1 112.0 168.0

98 63.8 47.8 71.8



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: 47.670 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Tgt Ion: 45 Resp: 336323

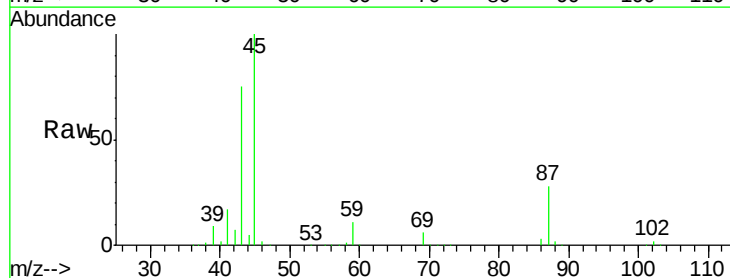
Ion Ratio Lower Upper

45 100

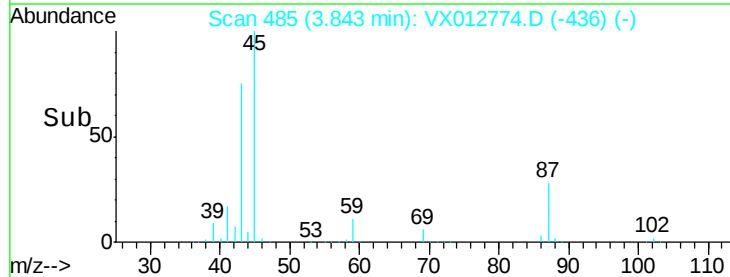
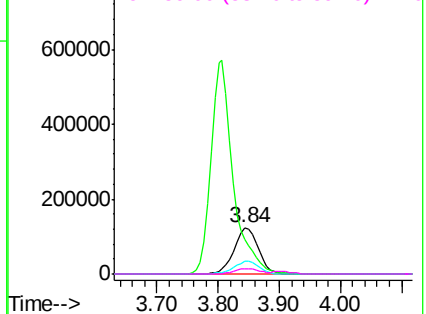
43 74.2 57.8 86.8

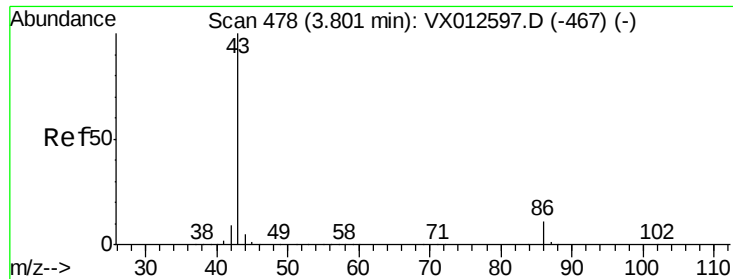
87 28.4 21.3 31.9

59 11.0 8.5 12.7



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: 236.013 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

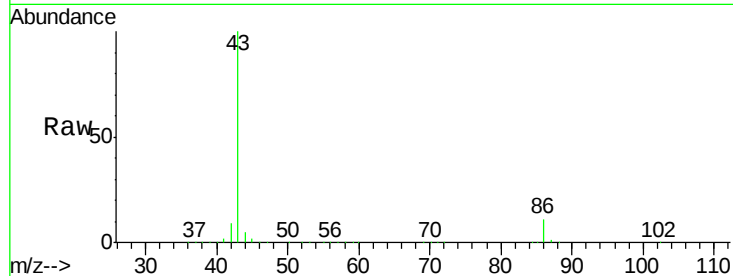
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1460234

Ion Ratio Lower Upper

43 100

86 10.8 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

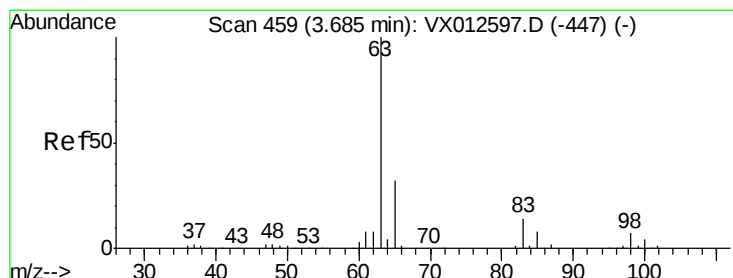
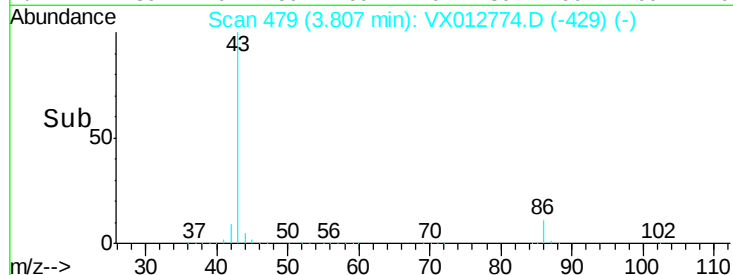
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.271 ug/l

RT: 3.68 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

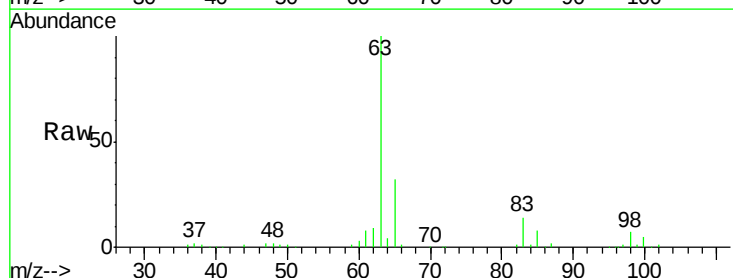
Tgt Ion: 63 Resp: 185122

Ion Ratio Lower Upper

63 100

98 6.6 3.9 11.7

100 4.7 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.68

100000

80000

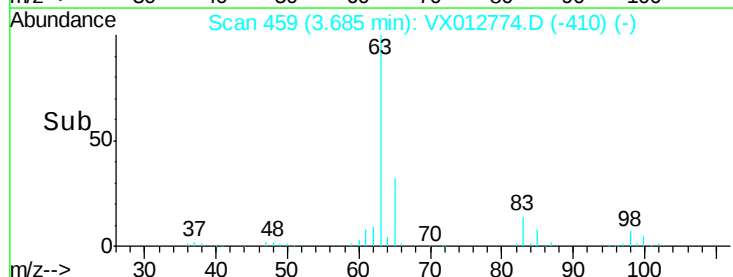
60000

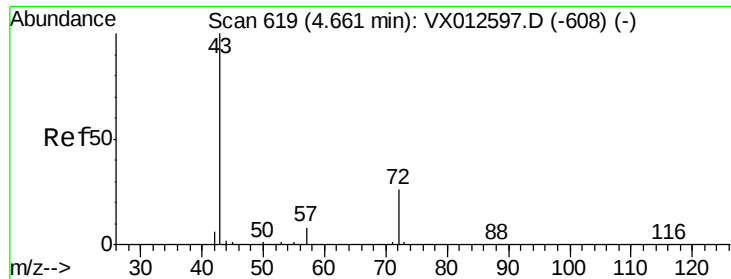
40000

20000

0

Time-->





#25

2-Butanone

Concen: 230.416 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

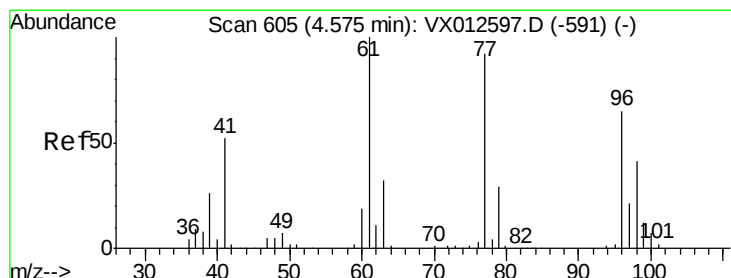
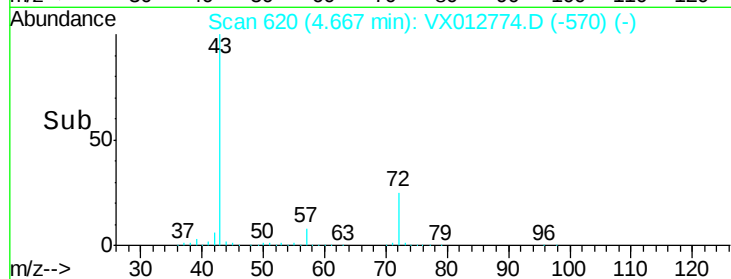
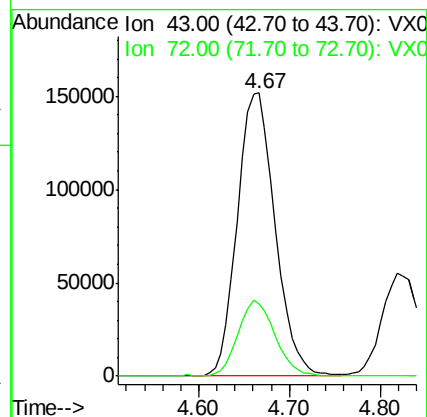
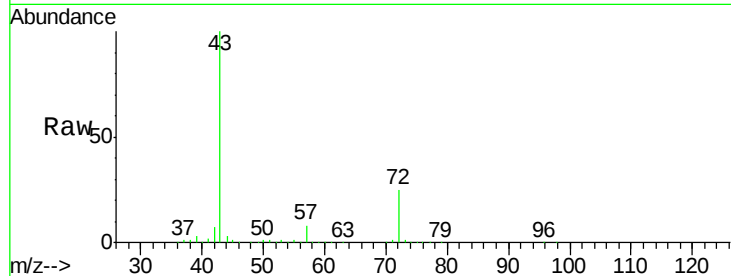
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 436185

Ion Ratio Lower Upper

43 100

72 25.4 19.2 28.8



#26

2,2-Dichloropropane

Concen: 38.196 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012774.D

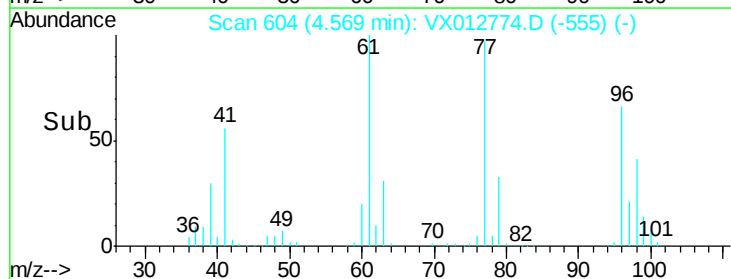
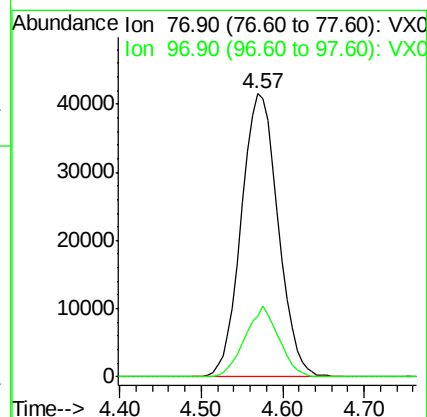
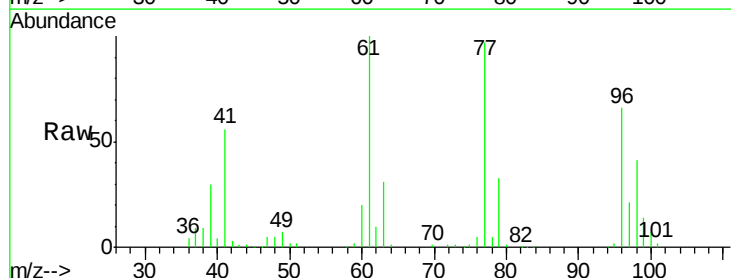
Acq: 02 Oct 2019 21:07

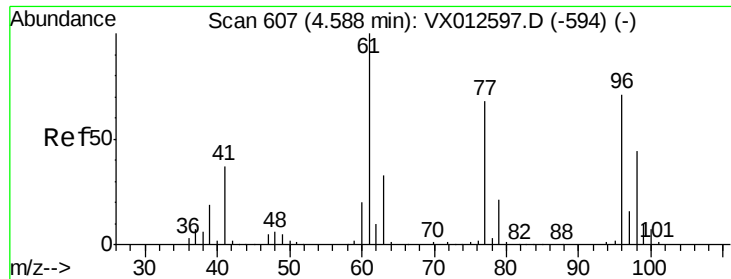
Tgt Ion: 77 Resp: 130281

Ion Ratio Lower Upper

77 100

97 22.9 10.5 31.6



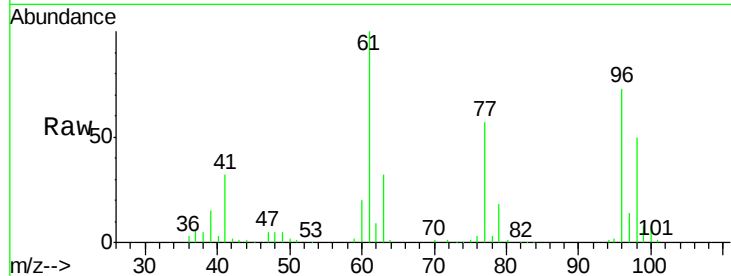


#27

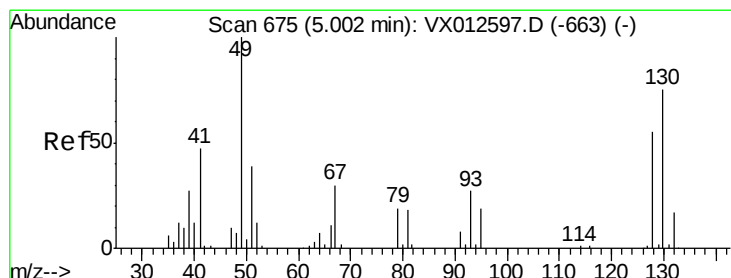
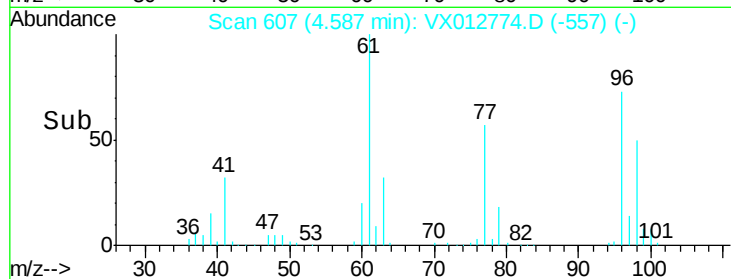
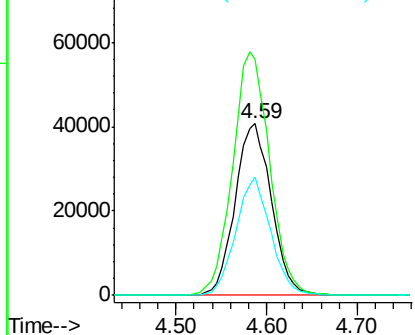
cis-1,2-Dichloroethene
Concen: 47.811 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	96	Resp	113107
Ion	Ratio	Lower	Upper
96	100		
61	145.0	0.0	319.4
98	65.9	0.0	130.6



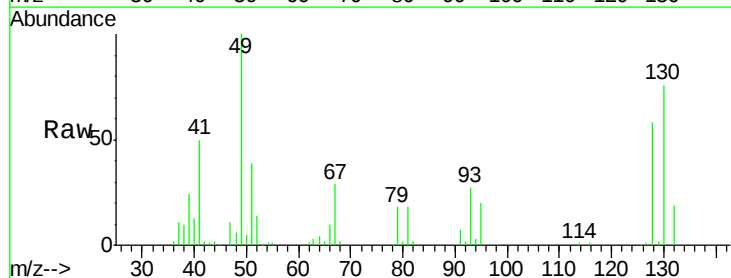
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



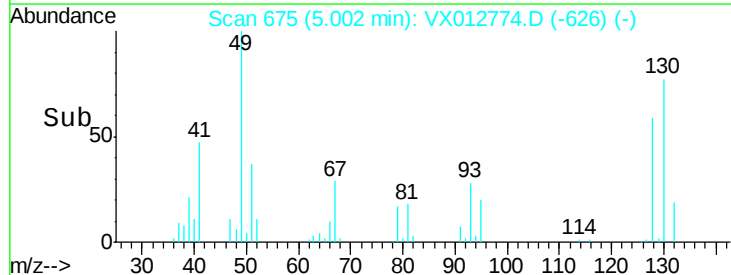
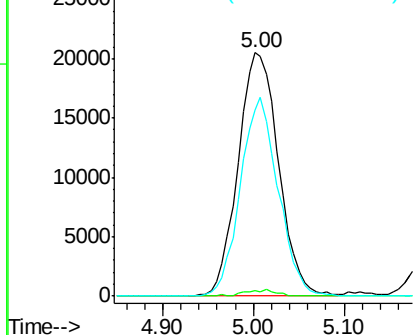
#28

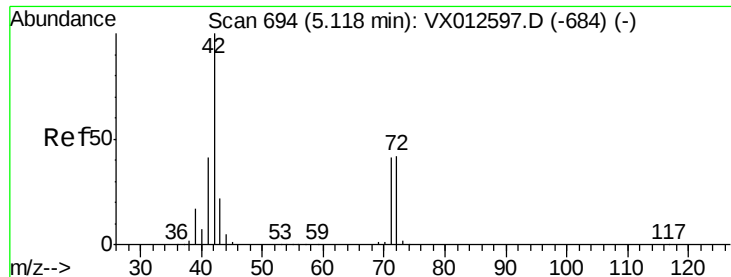
Bromochloromethane
Concen: 45.506 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Tgt Ion	49	Resp	63367
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	76.3	58.2	87.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

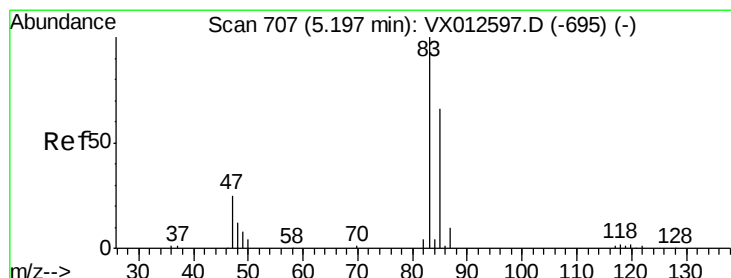
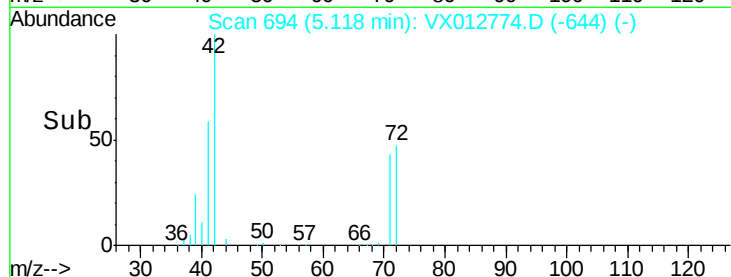
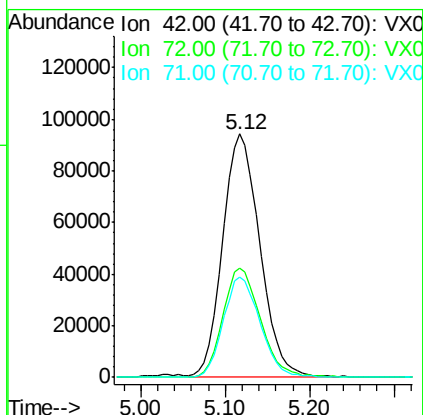
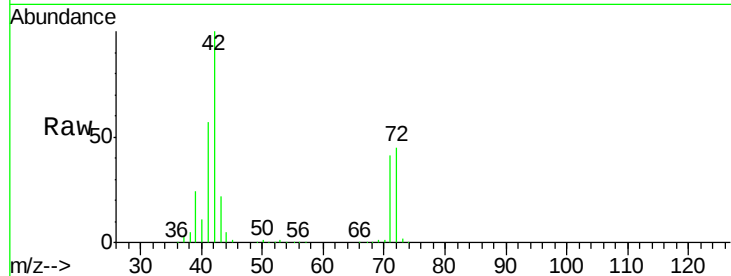




#29
Tetrahydrofuran
Concen: 243.947 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

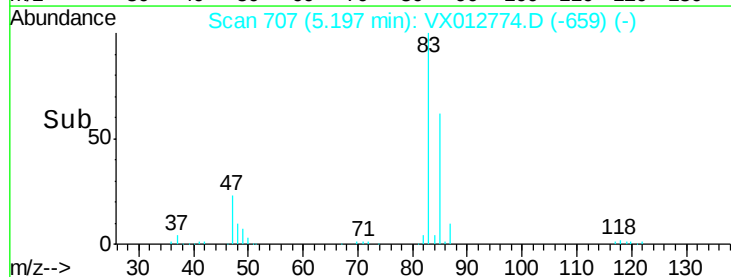
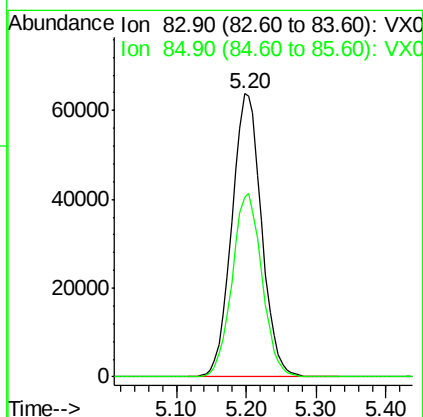
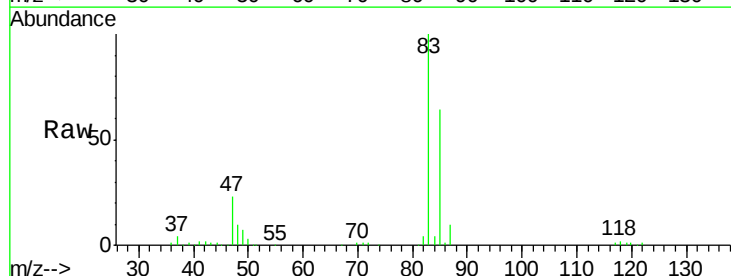
Instrument :
MSVOA_X
ClientSampled :

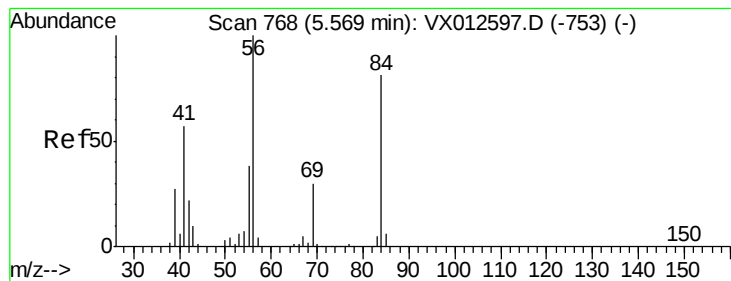
Tot Ion: 42 Resp: 281469
Ion Ratio Lower Upper
42 100
72 45.8 34.0 51.0
71 41.3 31.5 47.3



#30
Chloroform
Concen: 48.033 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Tgt Ion: 83 Resp: 188460
Ion Ratio Lower Upper
83 100
85 63.6 53.0 79.4





#31

Cyclohexane

Concen: 45.932 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :

MSVOA_X

ClientSampleId :

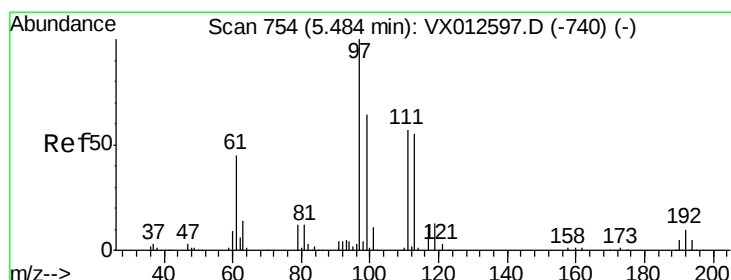
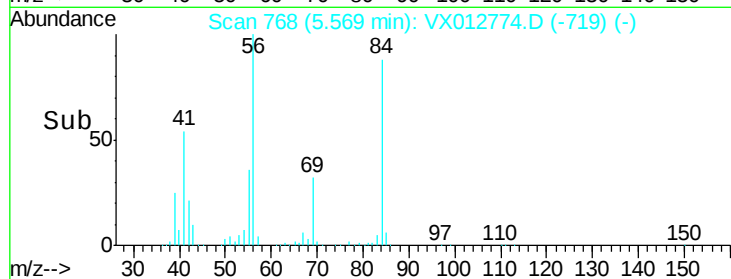
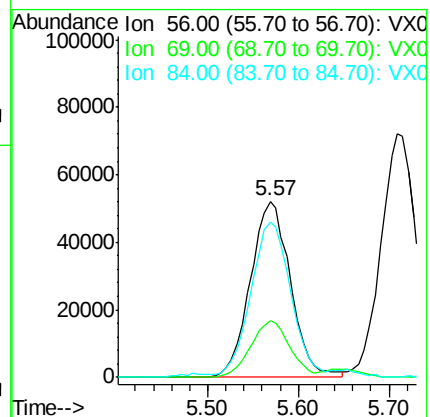
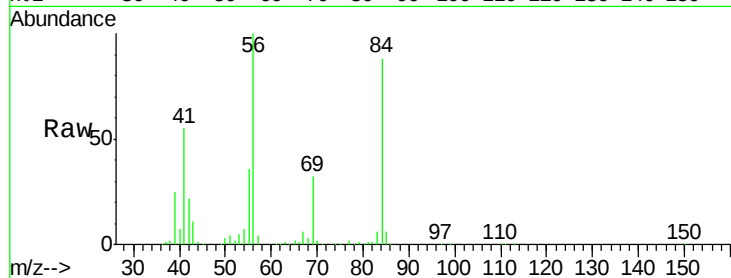
Tot Ion: 56 Resp: 159358

Ion Ratio Lower Upper

56 100

69 32.2 25.0 37.6

84 85.8 66.4 99.6



#32

1,1,1-Trichloroethane

Concen: 47.211 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

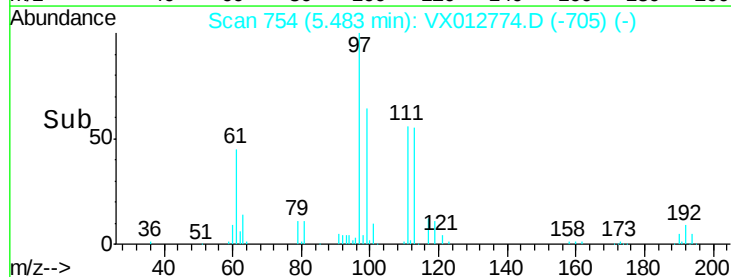
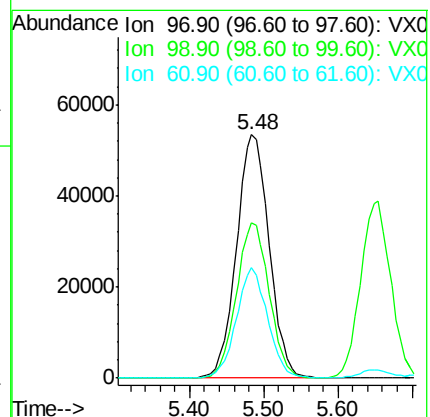
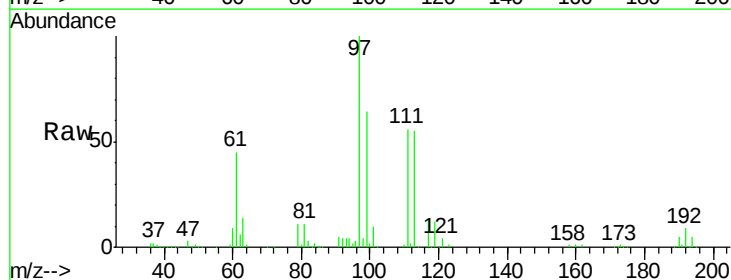
Tgt Ion: 97 Resp: 164170

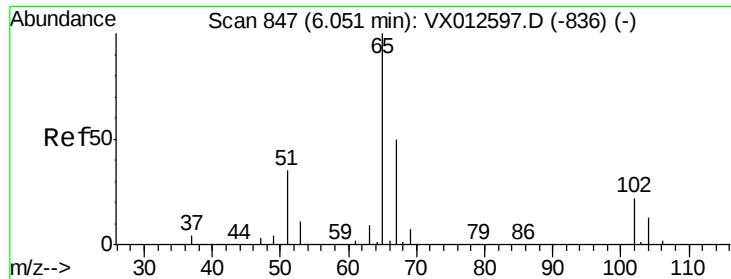
Ion Ratio Lower Upper

97 100

99 64.0 51.3 76.9

61 43.6 36.1 54.1

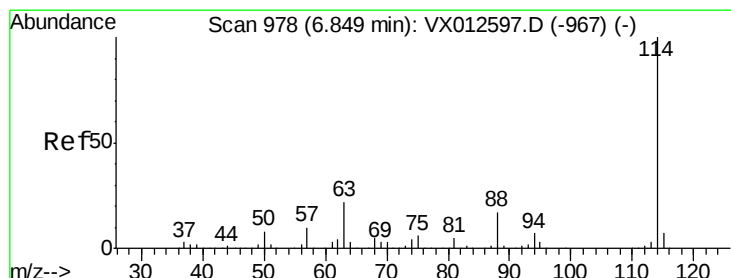
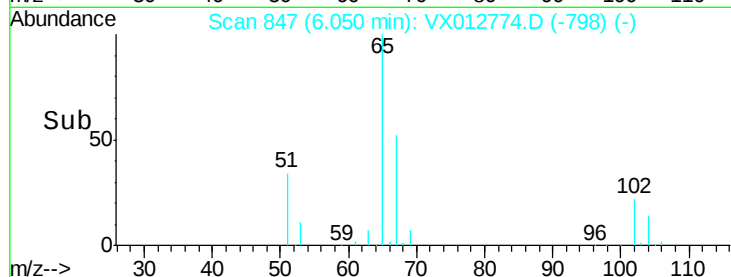
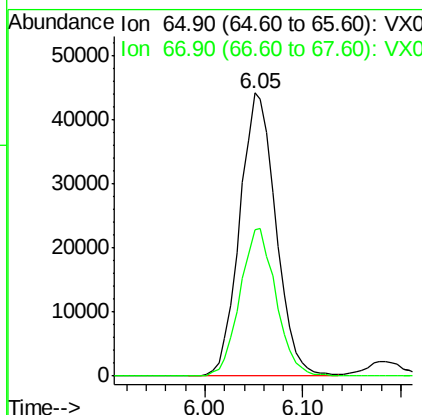
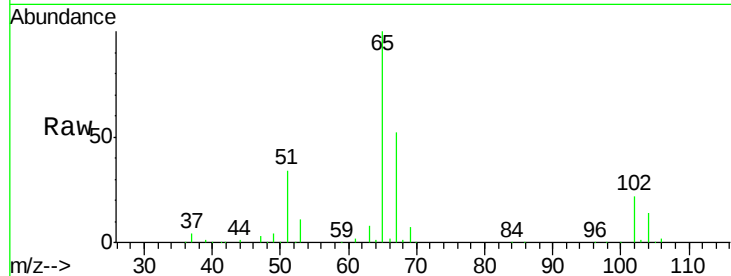




#33
 1,2-Dichloroethane-d4
 Concen: 45.519 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012774.D
 Acq: 02 Oct 2019 21:07

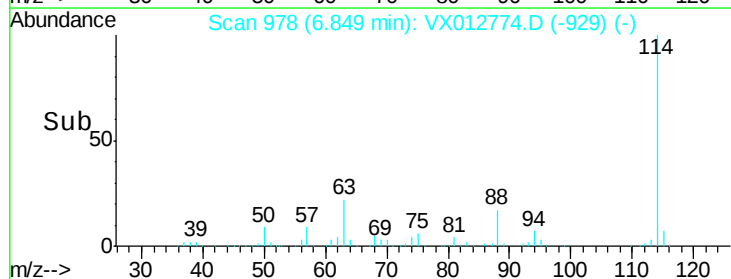
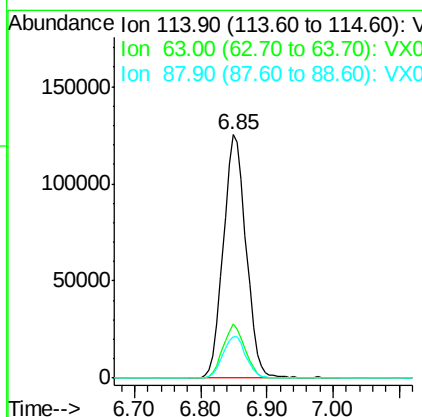
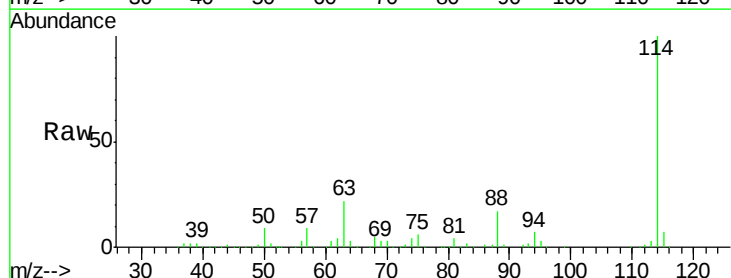
Instrument :
 MSVOA_X
 ClientSampleId :

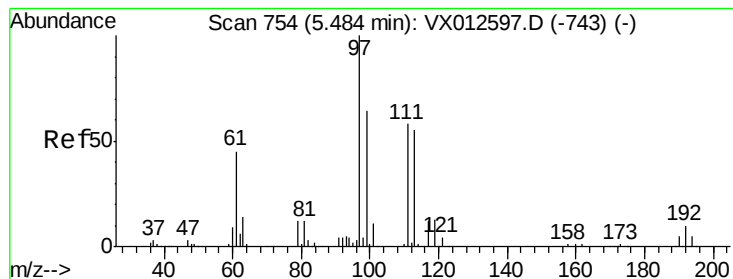
Tot Ion: 65 Resp: 113458
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012774.D
 Acq: 02 Oct 2019 21:07

Tgt Ion: 114 Resp: 299064
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.2
 88 16.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.723 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :

MSVOA_X

ClientSampled :

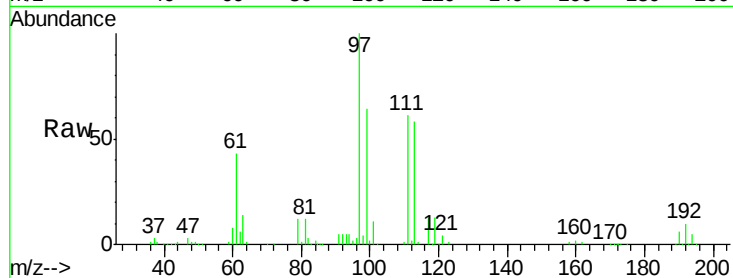
Tot Ion:113 Resp: 88560

Ion Ratio Lower Upper

113 100

111 101.9 83.4 125.2

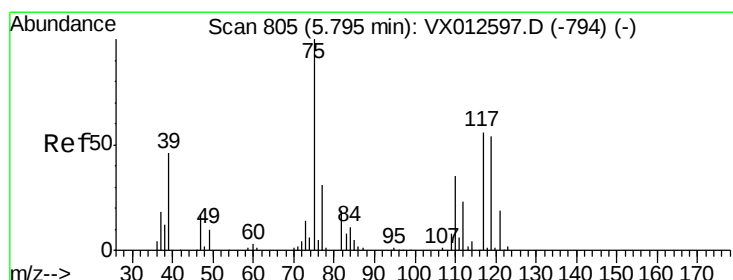
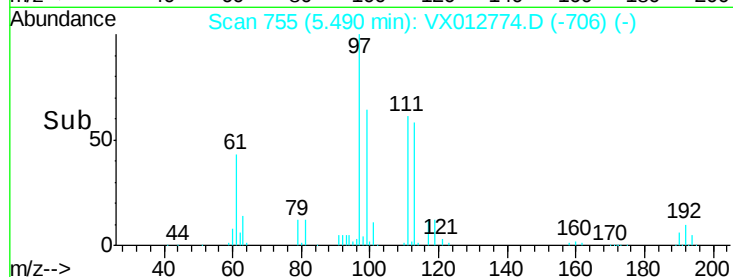
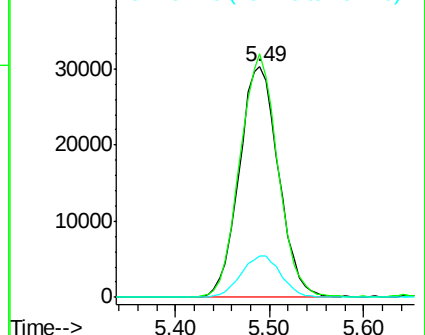
192 18.2 14.4 21.6



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: 46.686 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

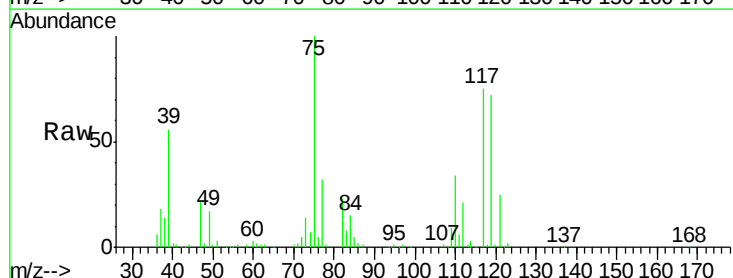
Tgt Ion: 75 Resp: 134579

Ion Ratio Lower Upper

75 100

110 35.4 16.7 50.0

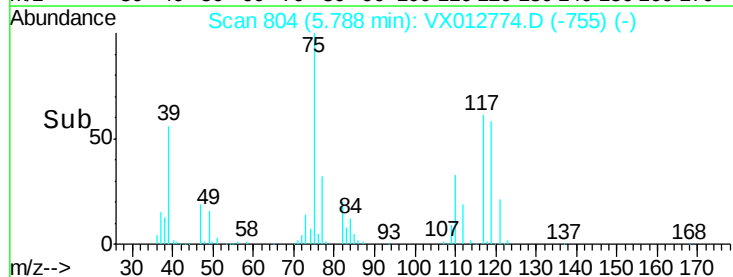
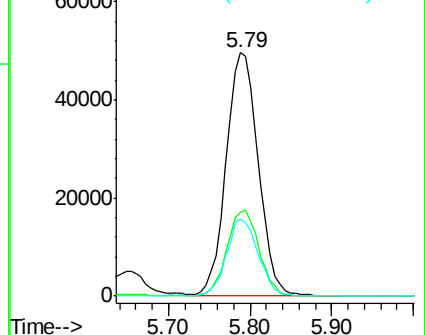
77 31.4 24.2 36.2

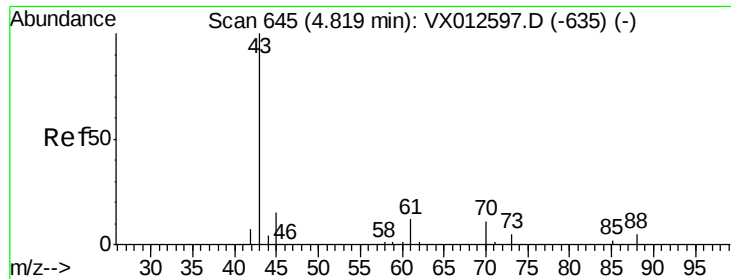


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

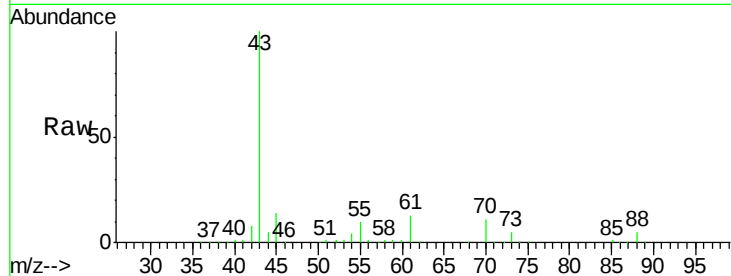




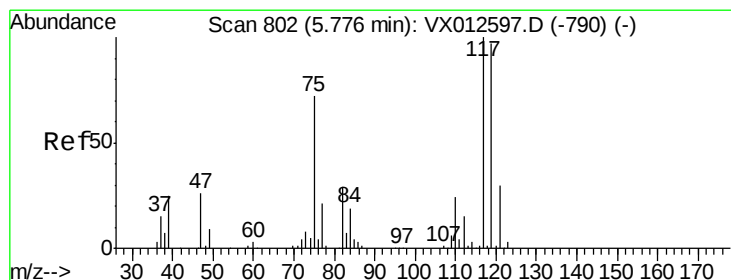
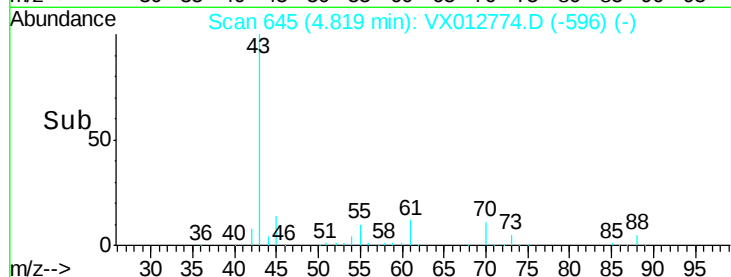
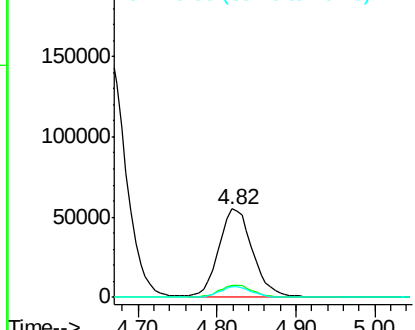
#37
Ethyl Acetate
Concen: 48.495 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 163433
Ion Ratio Lower Upper
43 100
61 13.8 10.2 15.4
70 11.6 8.7 13.1

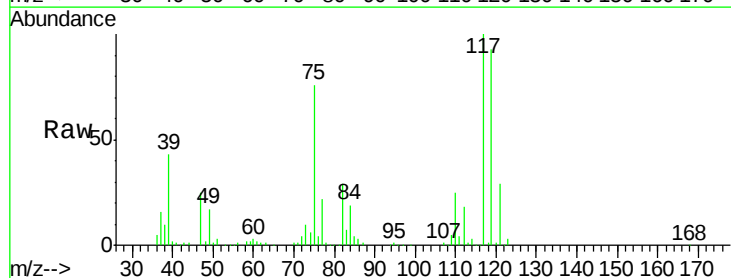


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

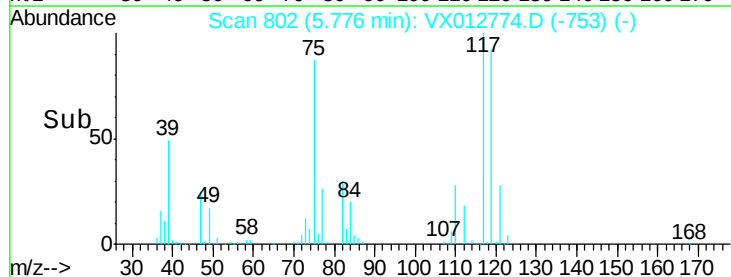
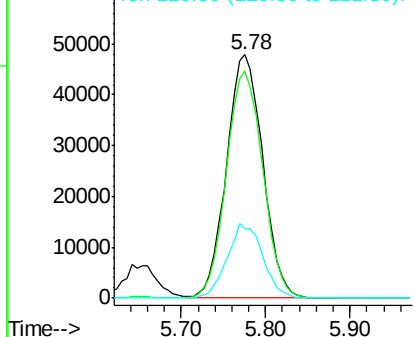


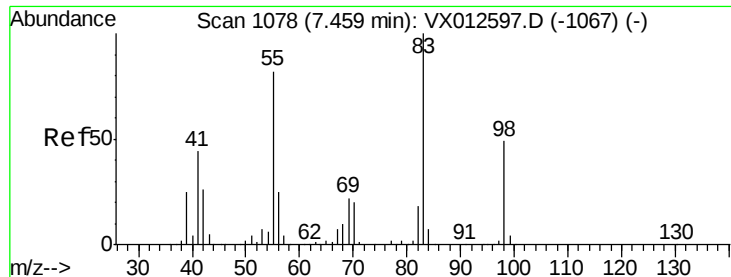
#38
Carbon Tetrachloride
Concen: 47.793 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Tgt Ion: 117 Resp: 139952
Ion Ratio Lower Upper
117 100
119 93.1 75.7 113.5
121 28.6 24.2 36.4



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

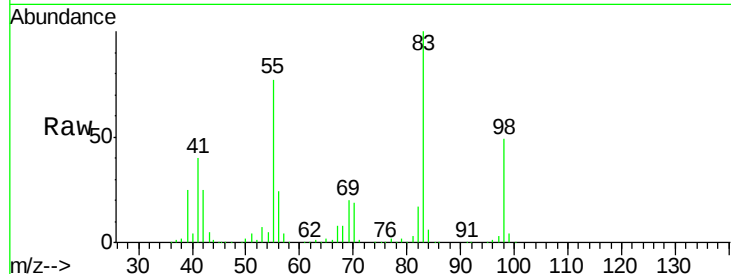




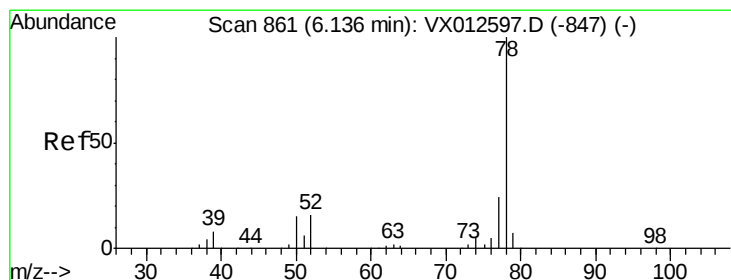
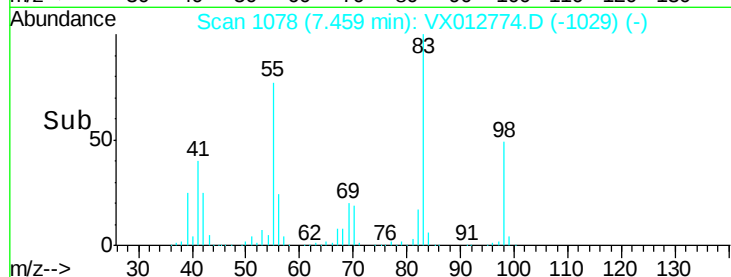
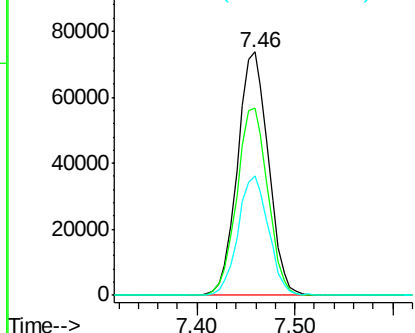
#39
Methvlcvclohexane
Concen: 46.623 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 161796
Ion Ratio Lower Upper
83 100
55 77.1 64.4 96.6
98 49.0 40.1 60.1

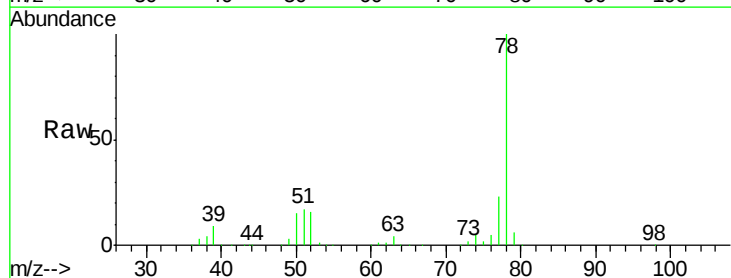


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

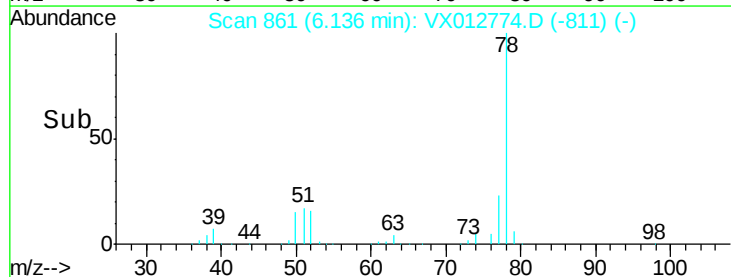
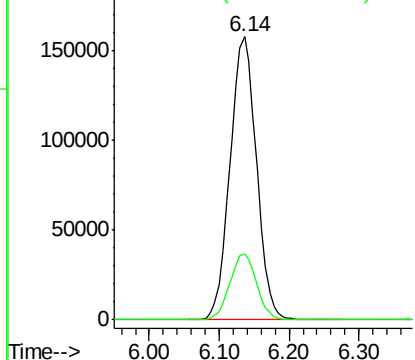


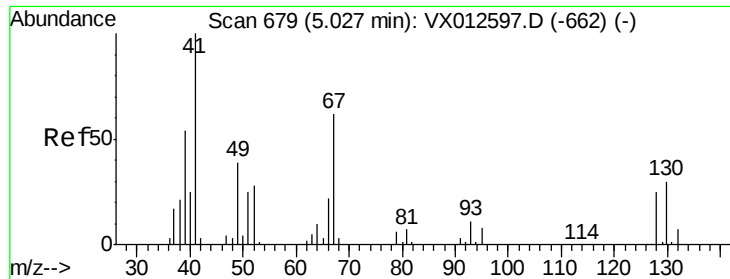
#40
Benzene
Concen: 49.024 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Tgt Ion: 78 Resp: 415802
Ion Ratio Lower Upper
78 100
77 23.4 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

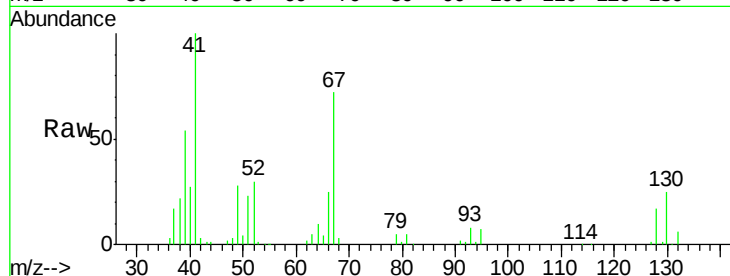




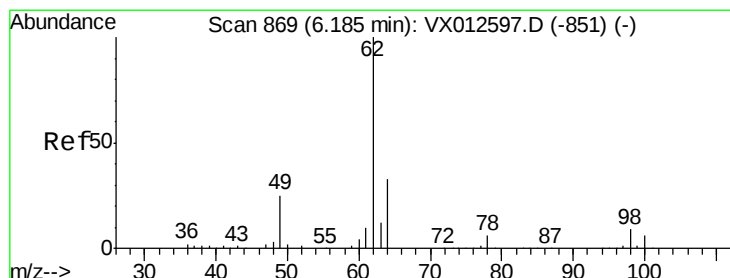
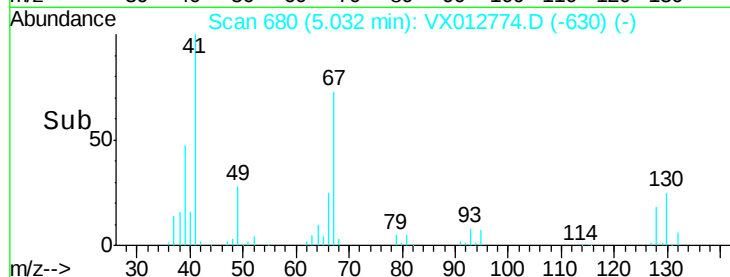
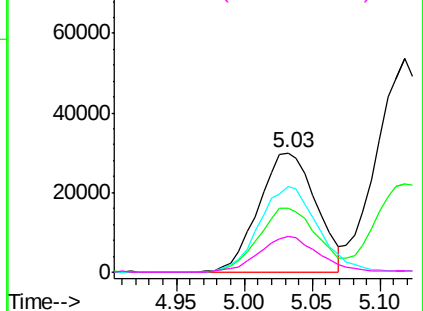
#41
Methacrylonitrile
Concen: 46.784 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 88463
Ion Ratio Lower Upper
41 100
39 55.9 46.0 69.0
67 73.7 52.2 78.2
52 31.0 22.7 34.1

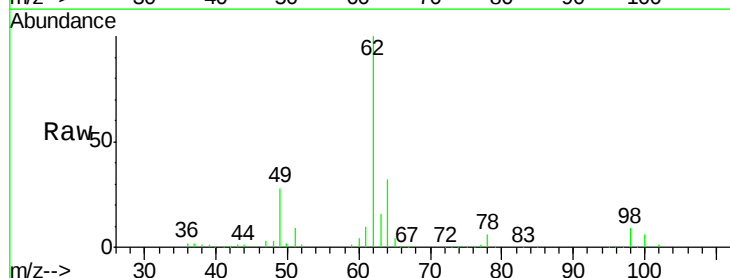


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

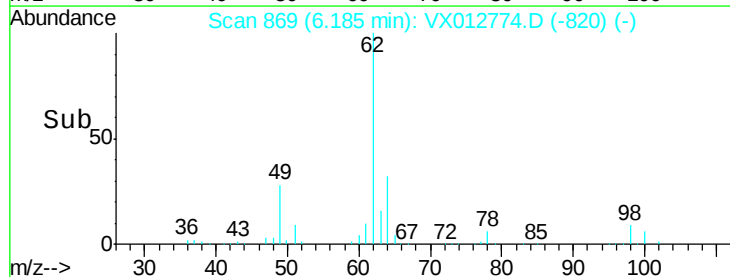
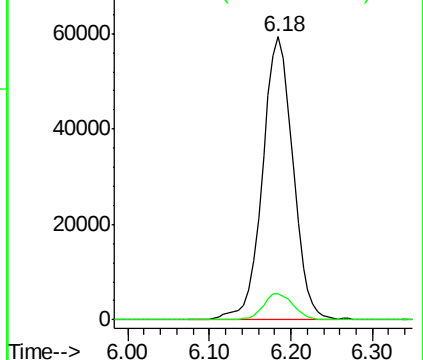


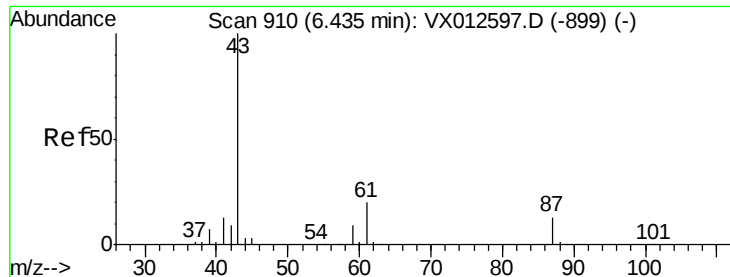
#42
1,2-Dichloroethane
Concen: 47.930 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Tgt Ion: 62 Resp: 154373
Ion Ratio Lower Upper
62 100
98 9.4 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 46.919 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :

MSVOA_X

ClientSampled :

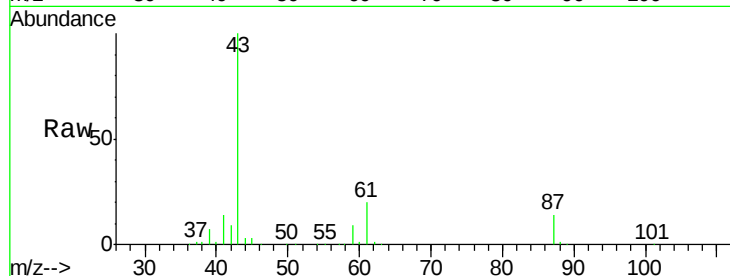
Tot Ion: 43 Resp: 264433

Ion Ratio Lower Upper

43 100

61 20.5 15.4 23.0

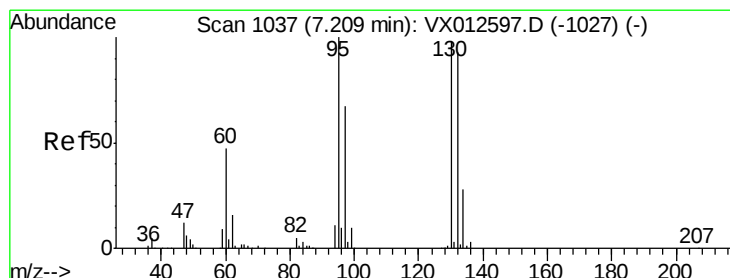
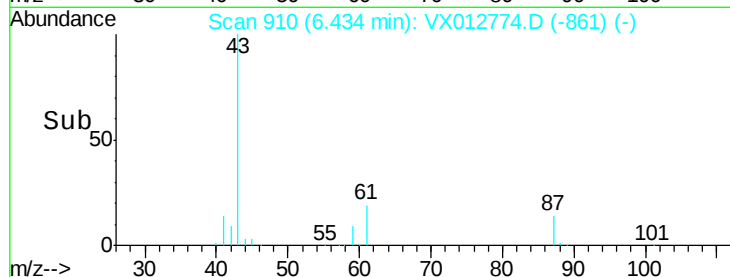
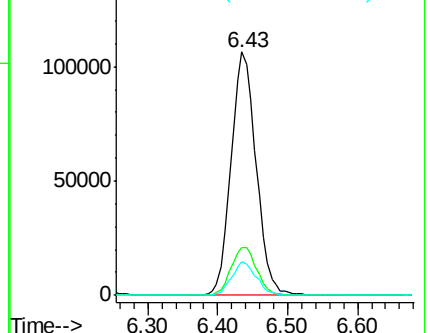
87 13.4 9.8 14.8



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: 49.458 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012774.D

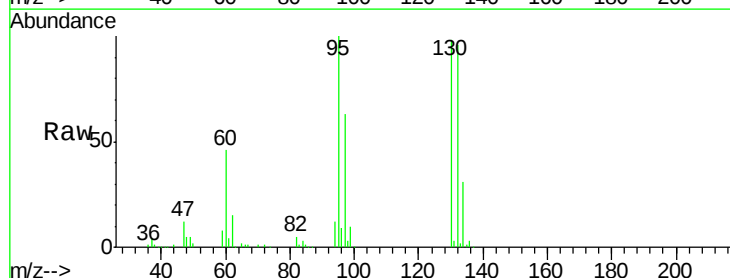
Acq: 02 Oct 2019 21:07

Tgt Ion:130 Resp: 107238

Ion Ratio Lower Upper

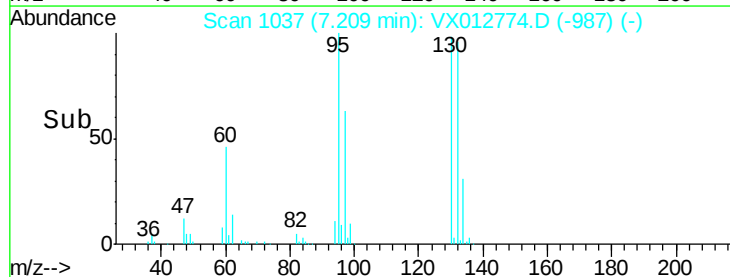
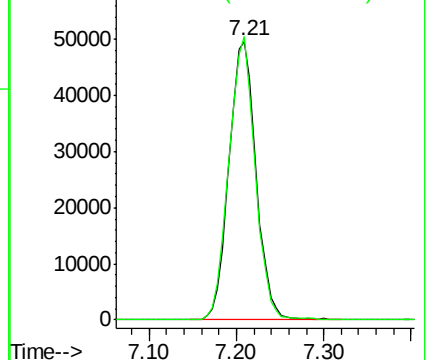
130 100

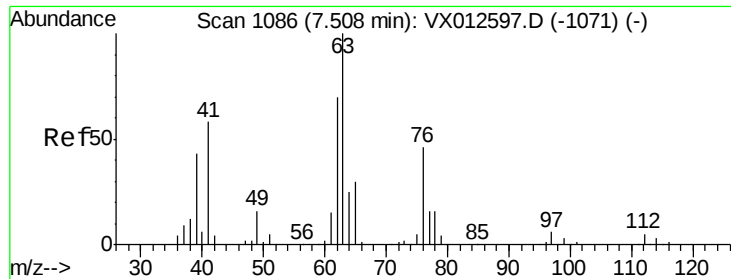
95 101.6 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

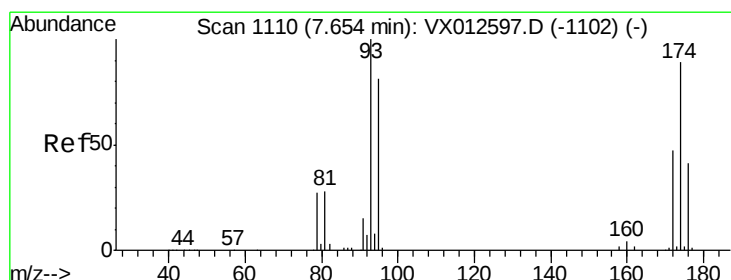
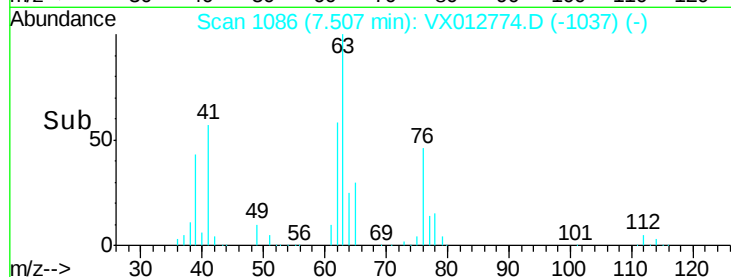
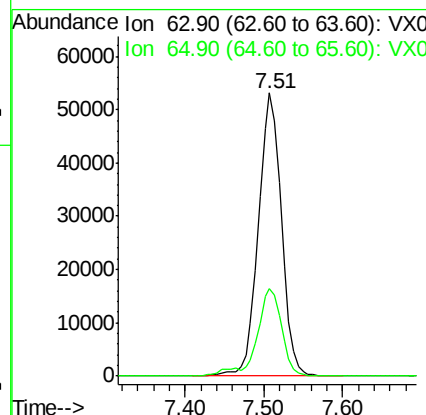
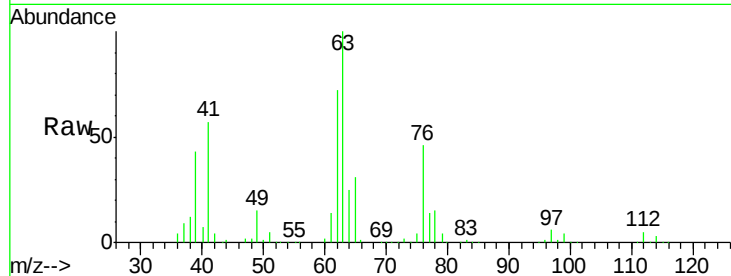




#45
 1,2-Dichloropropane
 Concen: 49.868 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012774.D
 Acq: 02 Oct 2019 21:07

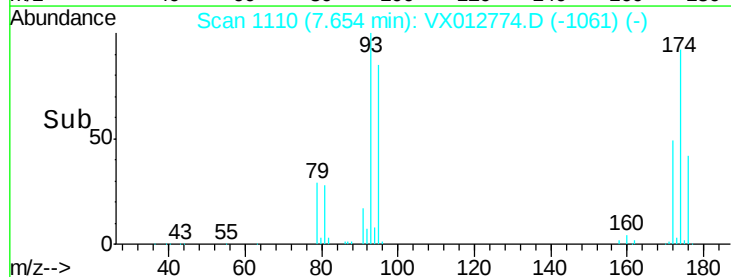
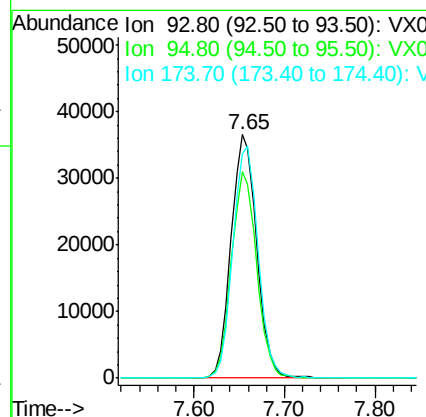
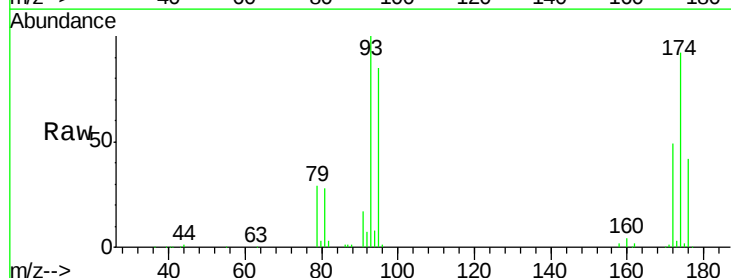
Instrument :
 MSVOA_X
 ClientSampleId :

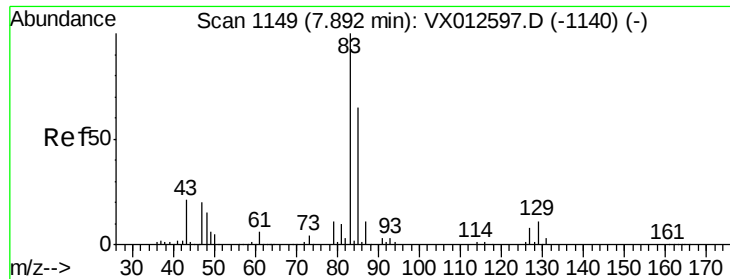
Tot Ion: 63 Resp: 108287
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.0 37.6



#46
 Dibromomethane
 Concen: 48.437 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012774.D
 Acq: 02 Oct 2019 21:07

Tgt Ion: 93 Resp: 71613
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.6 100.0
 174 94.5 77.4 116.0





#47

Bromodichloromethane

Concen: 48.638 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :

MSVOA_X

ClientSampled :

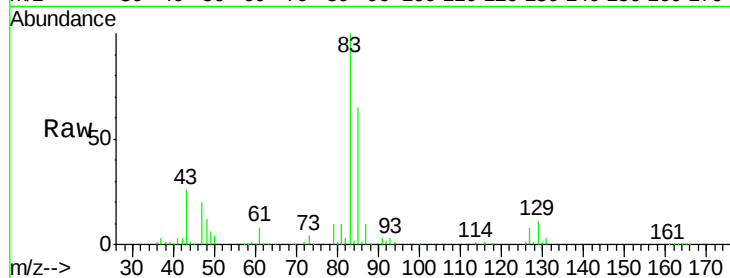
Tot Ion: 83 Resp: 143719

Ion Ratio Lower Upper

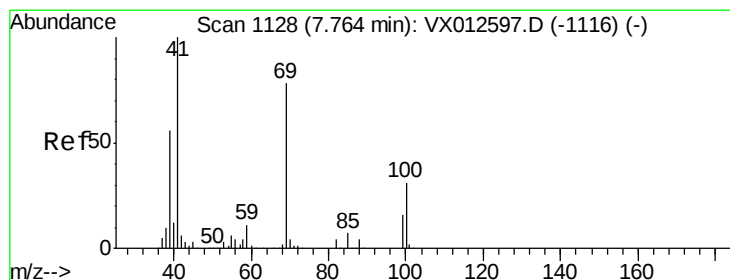
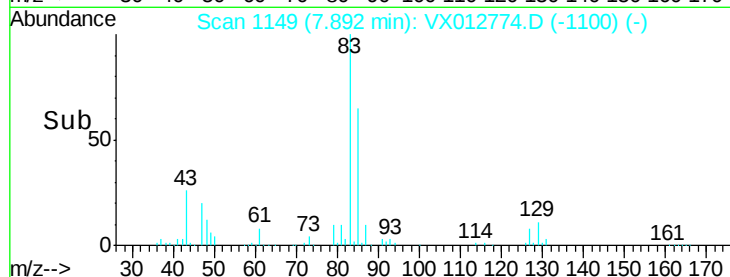
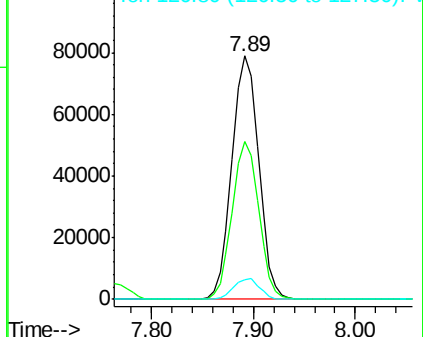
83 100

85 65.1 51.8 77.6

127 7.9 7.3 10.9



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: 48.631 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

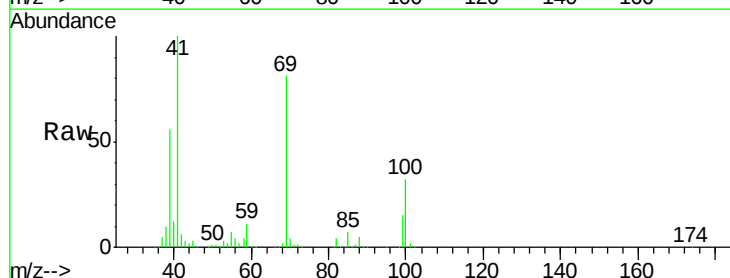
Tgt Ion: 41 Resp: 131420

Ion Ratio Lower Upper

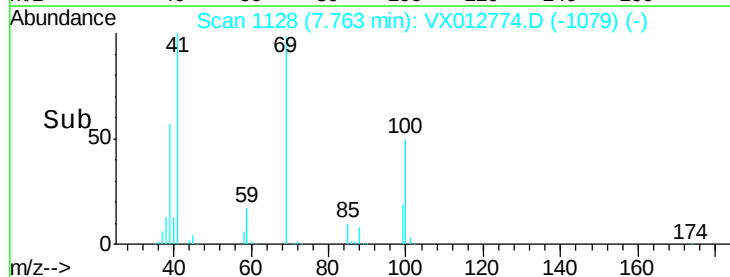
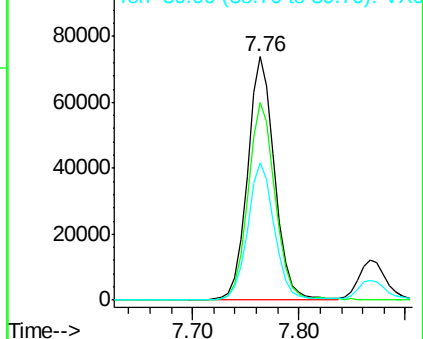
41 100

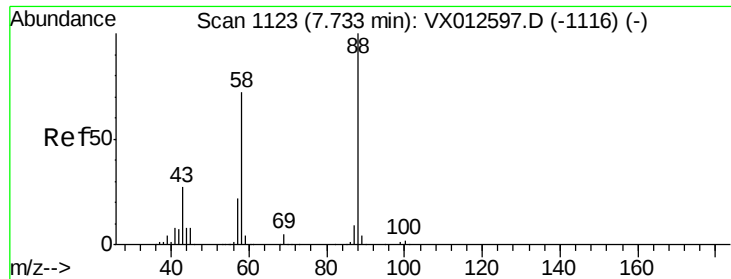
69 81.8 59.9 89.9

39 56.1 47.8 71.6



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

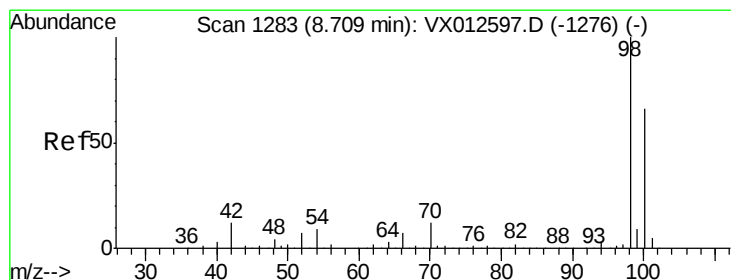
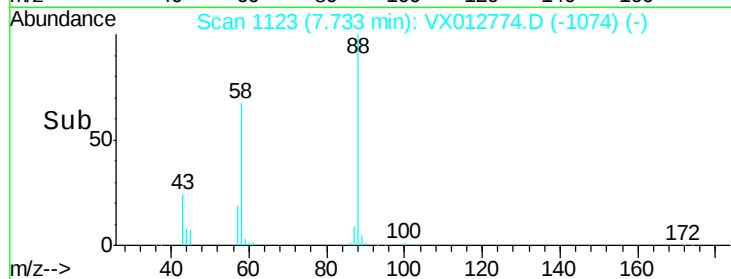
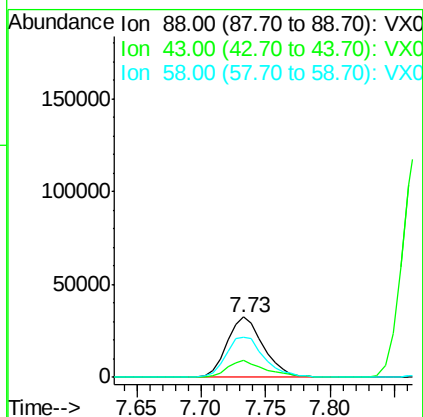
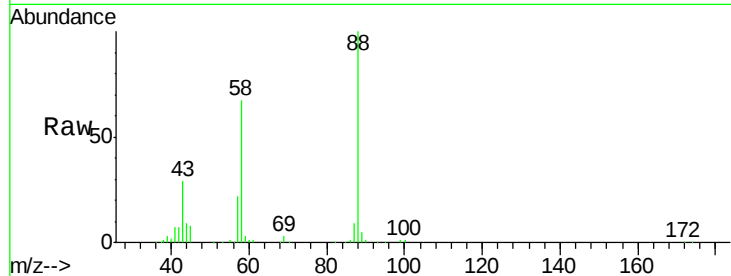




#49
1,4-Dioxane
Concen: 1039.222 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

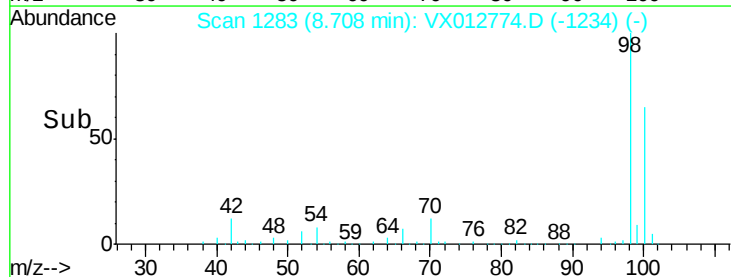
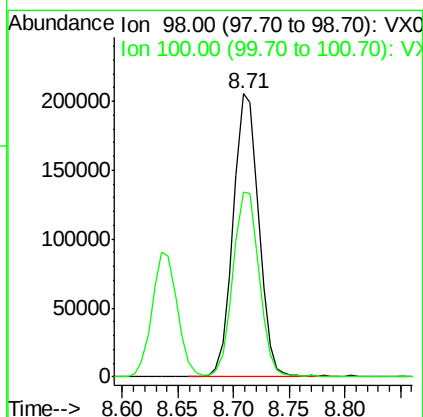
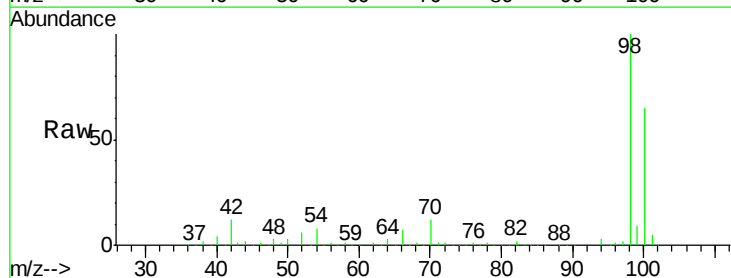
Instrument :
MSVOA_X
ClientSampleId :

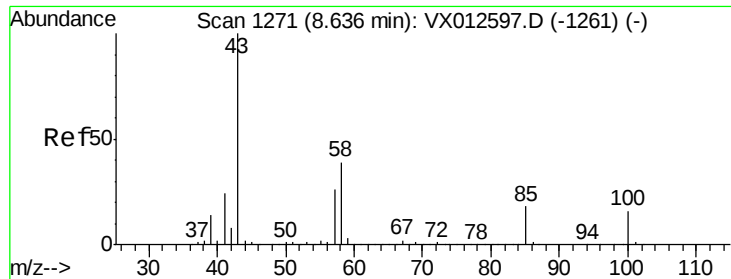
Tot Ion	88	Resp	63699
Ion	Ratio	Lower	Upper
88	100		
43	31.4	29.4	44.0
58	71.2	57.5	86.3



#50
Toluene-d8
Concen: 47.770 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Tgt Ion	98	Resp	327649
Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 246.450 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :

MSVOA_X

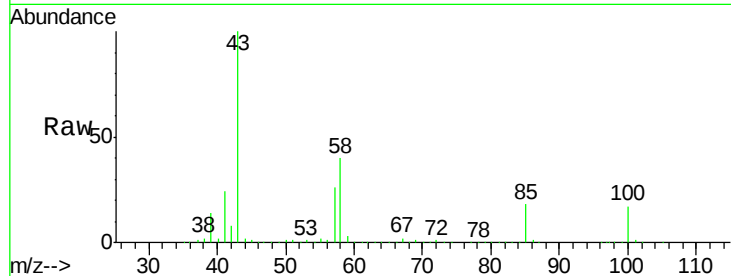
ClientSampleId :

Tot Ion: 43 Resp: 857387

Ion Ratio Lower Upper

43 100

58 40.1 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

600000

500000

400000

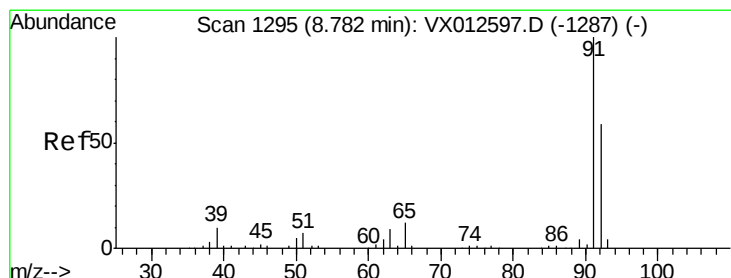
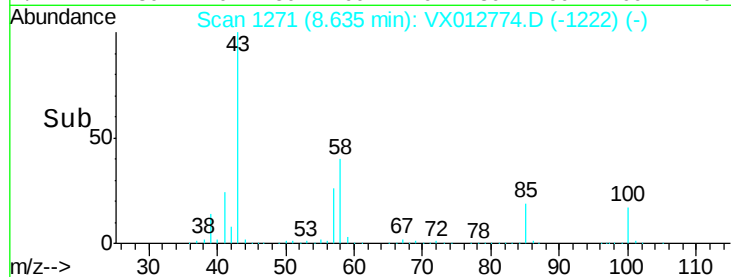
300000

200000

100000

0

Time--> 8.50 8.60 8.70 8.80



#52

Toluene

Concen: 49.753 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012774.D

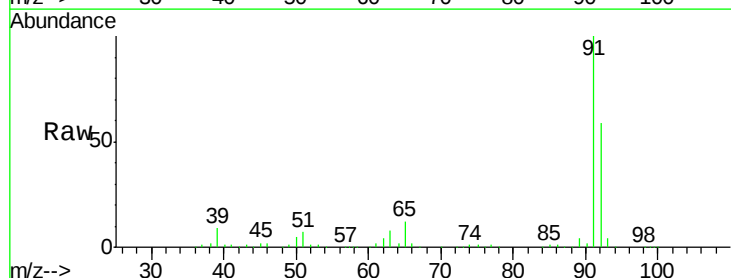
Acq: 02 Oct 2019 21:07

Tgt Ion: 92 Resp: 265219

Ion Ratio Lower Upper

92 100

91 166.0 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

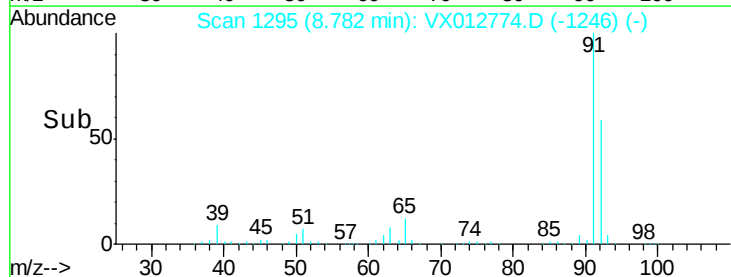
300000

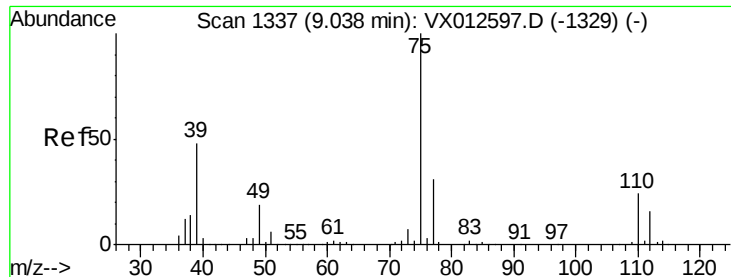
200000

100000

0

Time--> 8.70 8.80 8.90 9.00

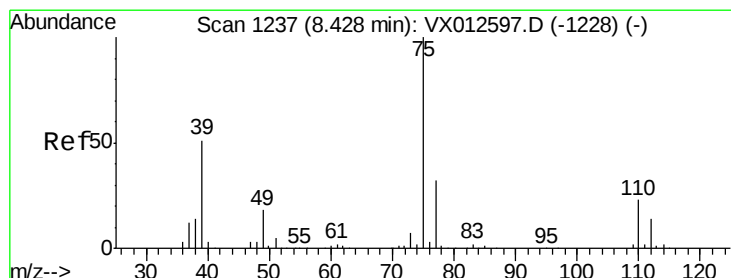
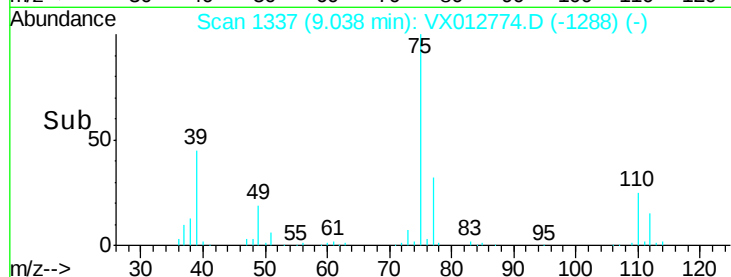
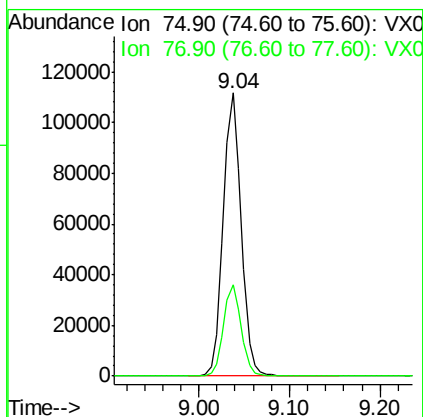
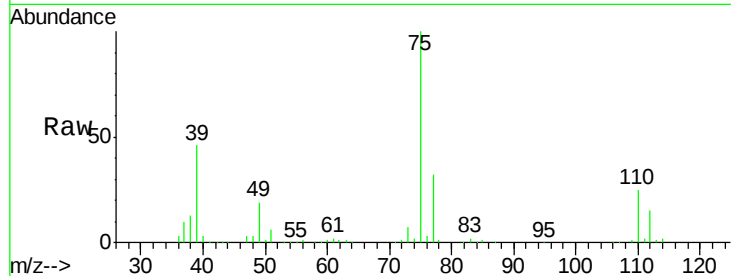




#53
 t-1,3-Dichloropropene
 Concen: 47.343 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX012774.D
 Acq: 02 Oct 2019 21:07

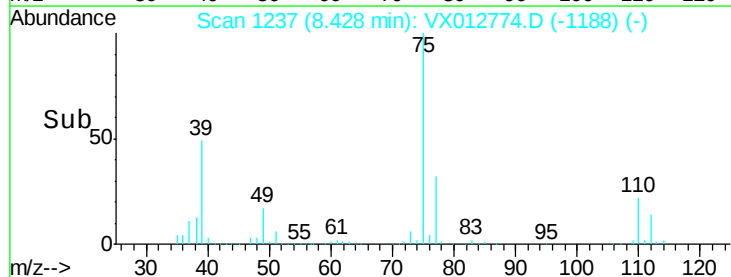
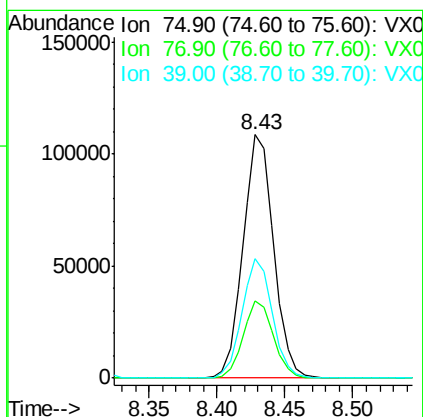
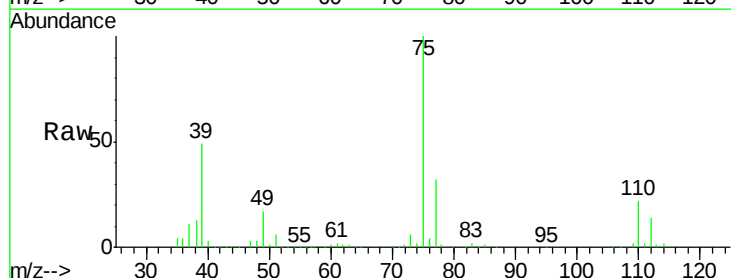
Instrument :
 MSVOA_X
 ClientSampleId :

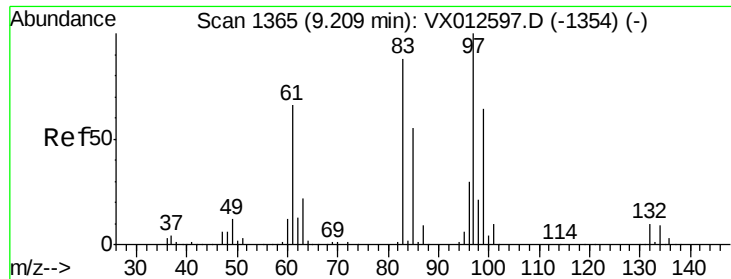
Tot Ion: 75 Resp: 154780
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 47.917 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012774.D
 Acq: 02 Oct 2019 21:07

Tgt Ion: 75 Resp: 171045
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.8 38.8
 39 48.8 45.5 68.3

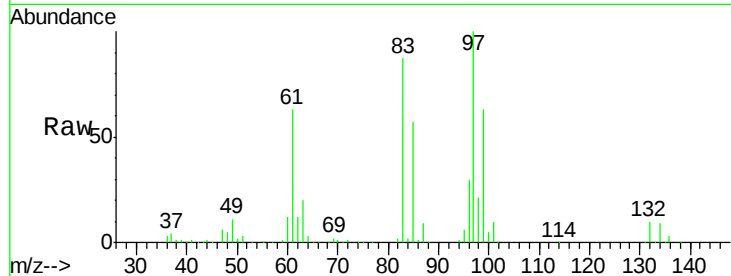




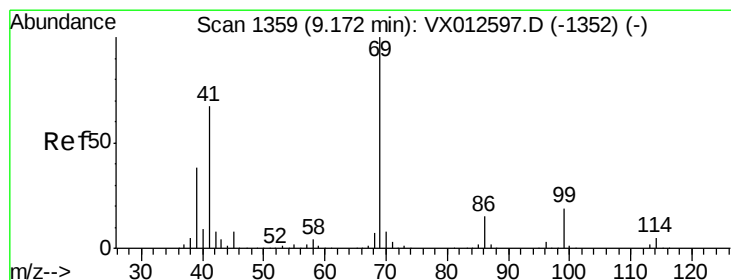
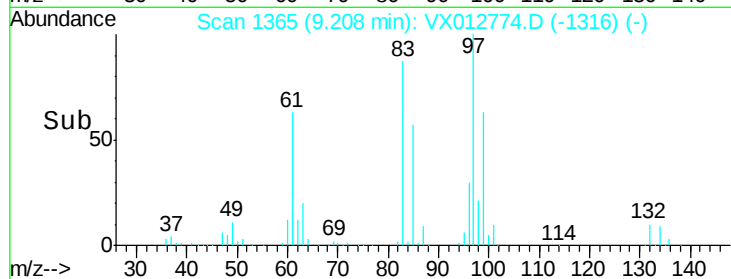
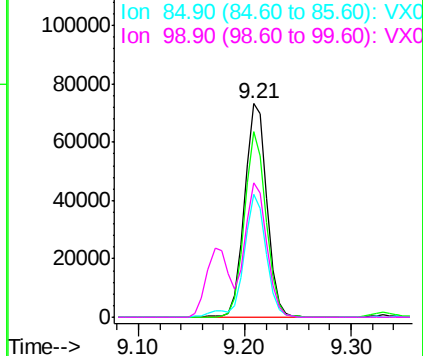
#55
1,1,2-Trichloroethane
Concen: 51.027 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	97	Resp:	108144
Ion	Ratio	Lower	Upper
97	100		
83	86.8	67.4	101.2
85	57.3	43.5	65.3
99	62.6	51.8	77.8

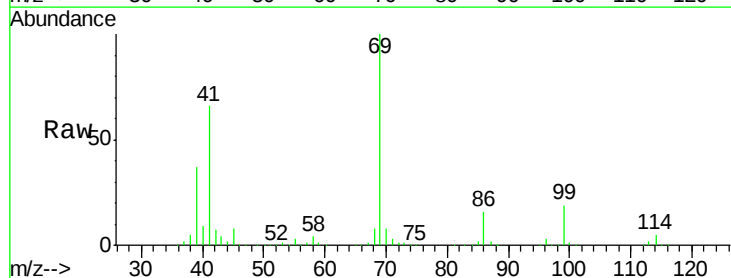


Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0

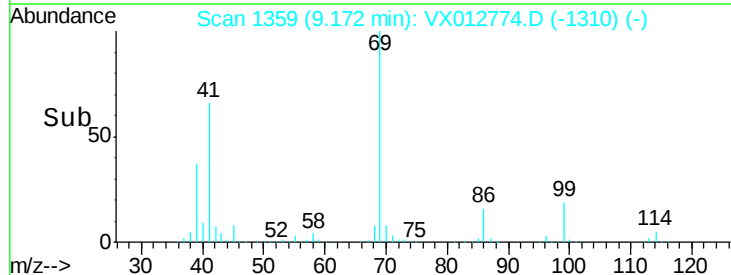
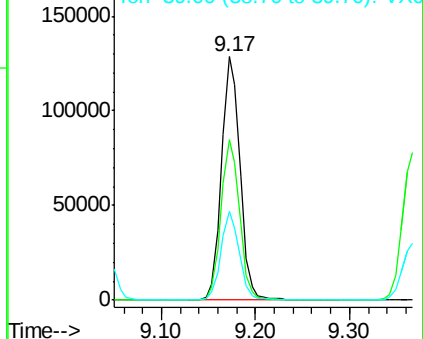


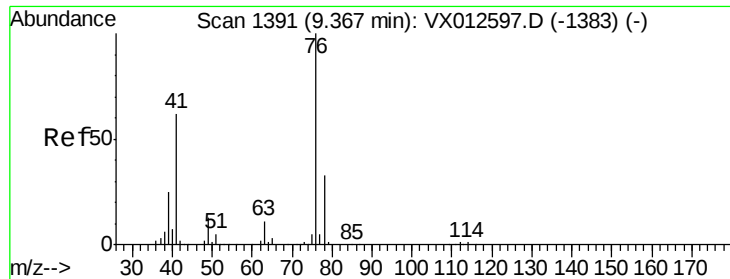
#56
Ethyl methacrylate
Concen: 49.252 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Tgt Ion:	69	Resp:	175364
Ion	Ratio	Lower	Upper
69	100		
41	66.5	58.4	87.6
39	36.0	33.4	50.0



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





#57

1,3-Dichloropropane

Concen: 48.532 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

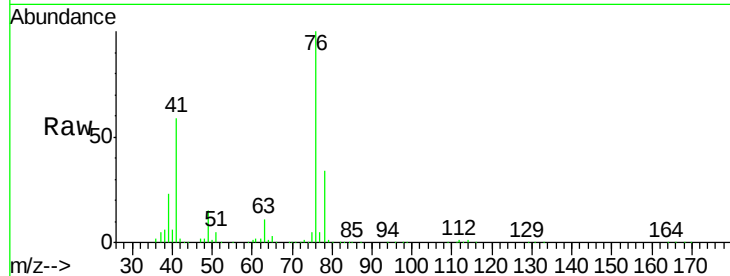
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 76 Resp: 180014

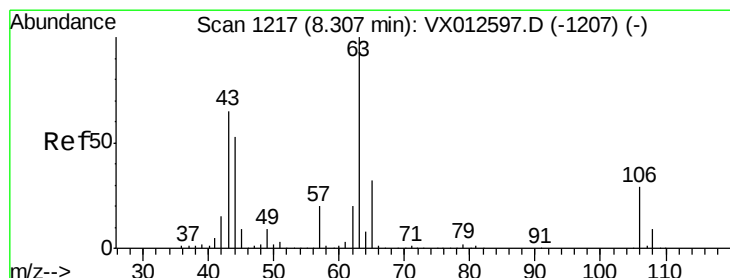
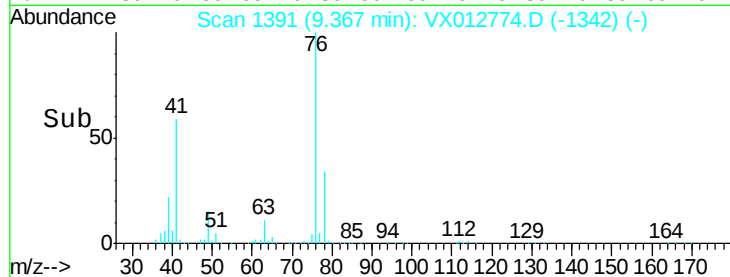
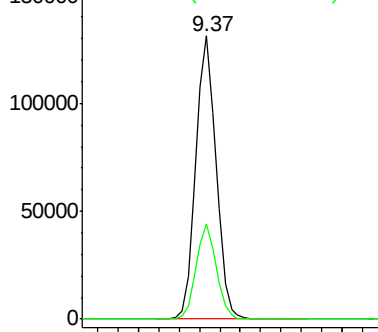
Ion Ratio Lower Upper

76 100

78 33.4 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 249.253 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012774.D

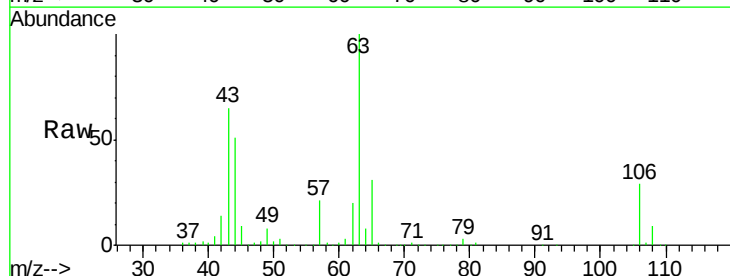
Acq: 02 Oct 2019 21:07

Tgt Ion: 63 Resp: 398362

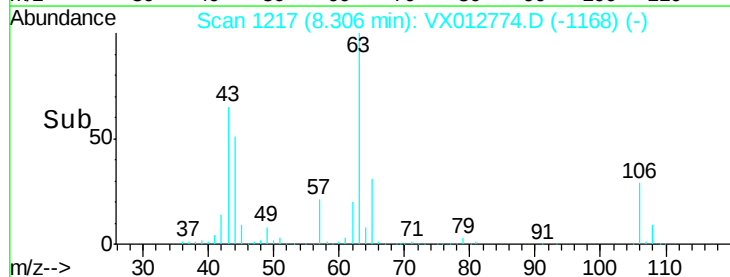
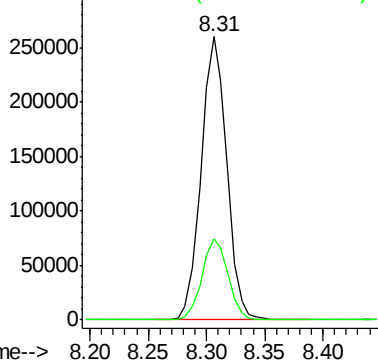
Ion Ratio Lower Upper

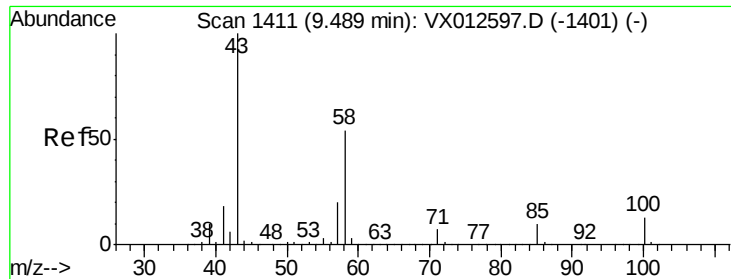
63 100

106 29.1 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 105.90 (105.60 to 106.60): V

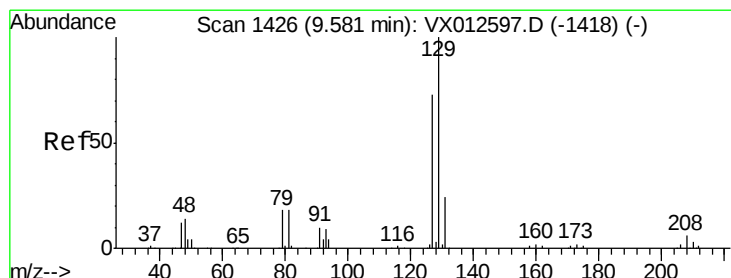
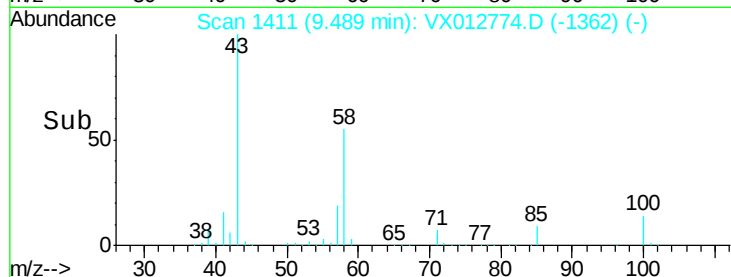
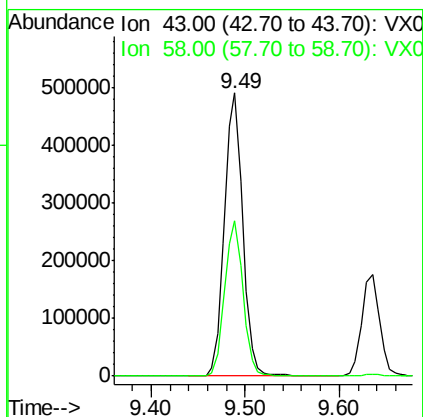
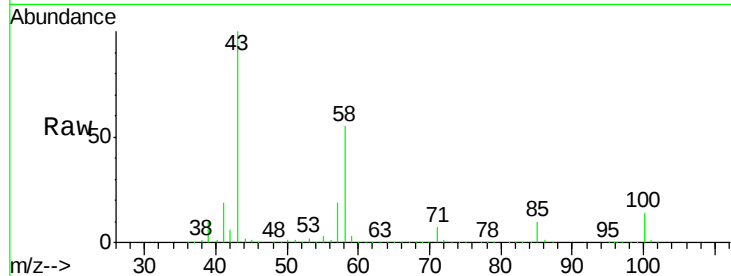




#59
2-Hexanone
Concen: 248.978 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

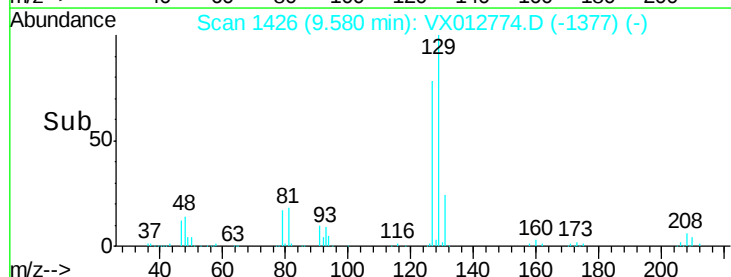
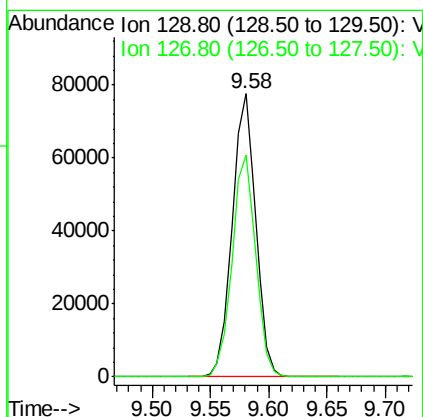
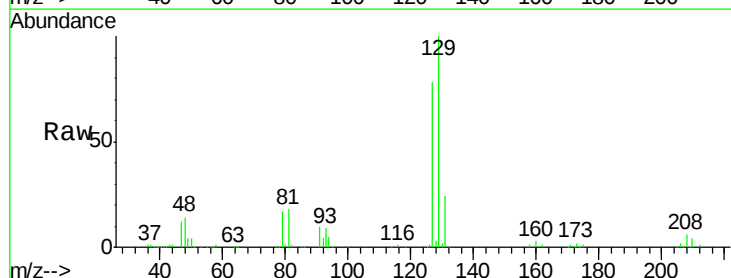
Instrument :
MSVOA_X
ClientSampleId :

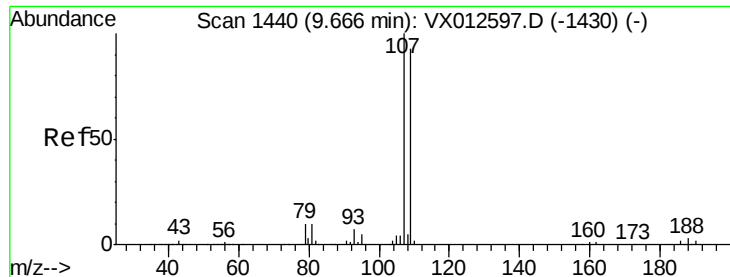
Tot Ion: 43 Resp: 663009
Ion Ratio Lower Upper
43 100
58 55.0 25.7 77.1



#60
Dibromochloromethane
Concen: 50.927 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Tgt Ion:129 Resp: 109258
Ion Ratio Lower Upper
129 100
127 78.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 50.848 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :

MSVOA_X

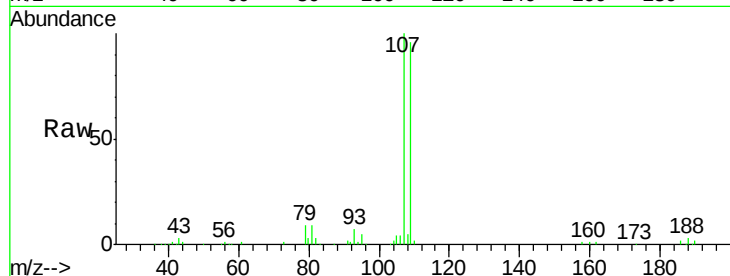
ClientSampleId :

Tot Ion:107 Resp: 112153

Ion Ratio Lower Upper

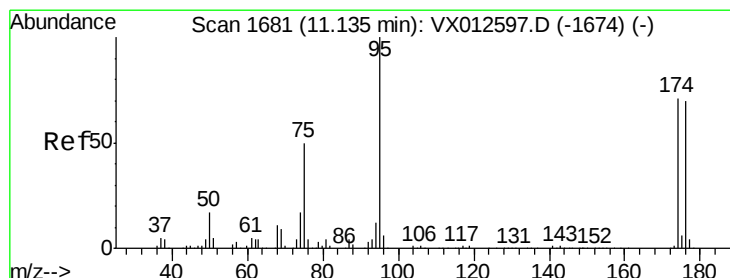
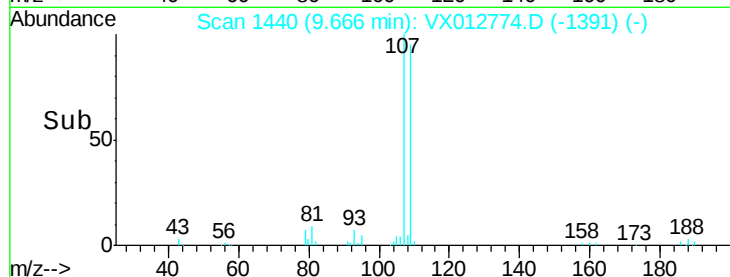
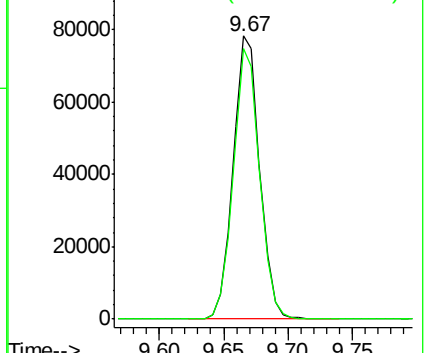
107 100

109 95.1 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.817 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

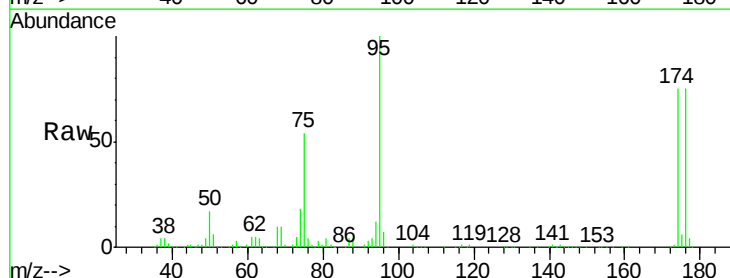
Tgt Ion: 95 Resp: 126264

Ion Ratio Lower Upper

95 100

174 72.1 0.0 140.0

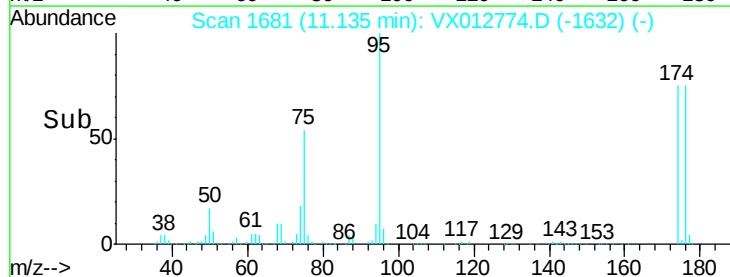
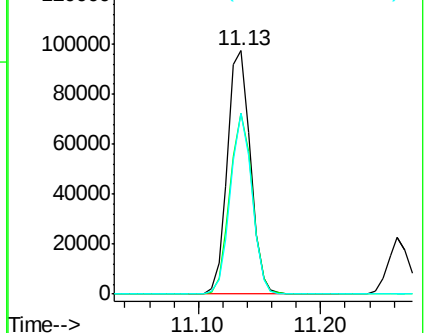
176 69.9 0.0 135.4

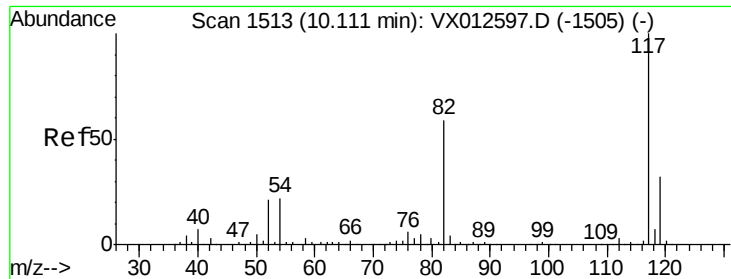


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

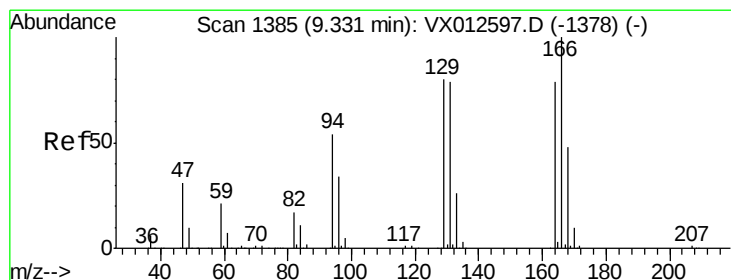
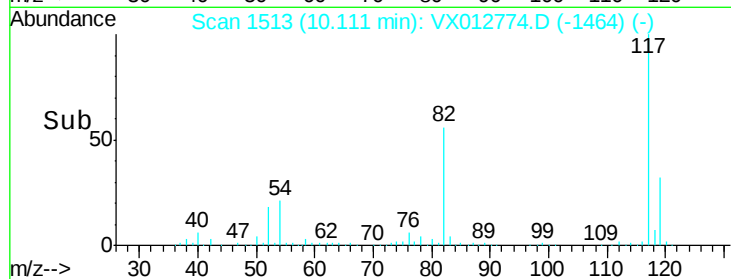
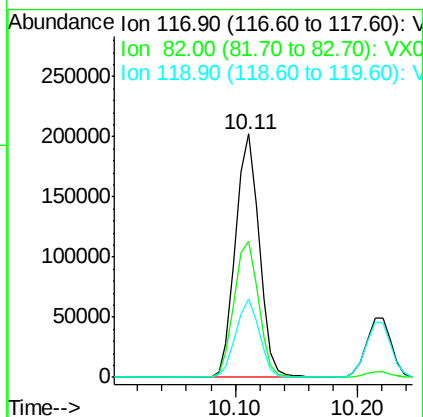
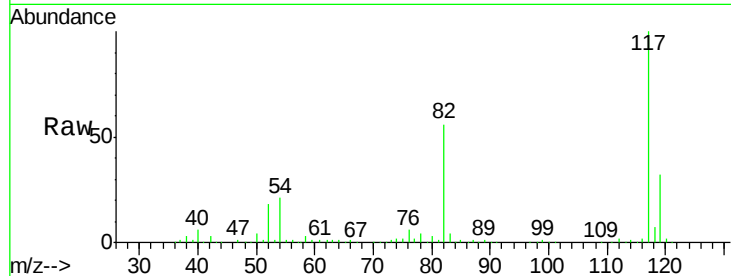




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

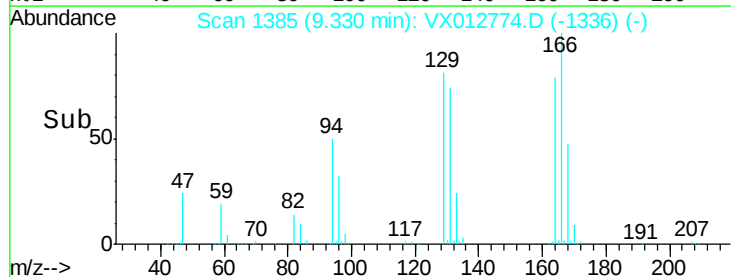
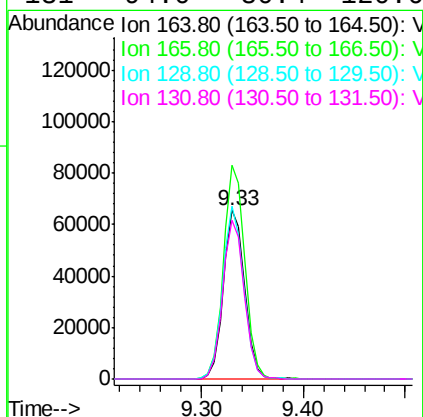
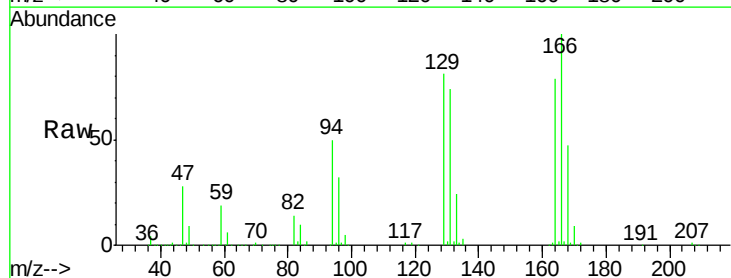
Instrument :
MSVOA_X
ClientSampled :

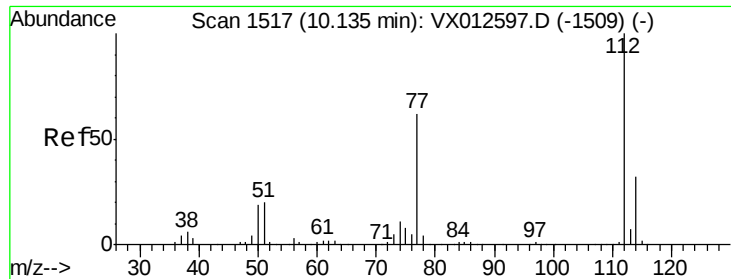
Tot Ion:117 Resp: 271420
Ion Ratio Lower Upper
117 100
82 55.8 45.9 68.9
119 32.2 25.3 37.9



#64
Tetrachloroethene
Concen: 50.014 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Tgt Ion:164 Resp: 94646
Ion Ratio Lower Upper
164 100
166 126.6 107.8 161.6
129 102.5 86.2 129.2
131 94.0 80.4 120.6

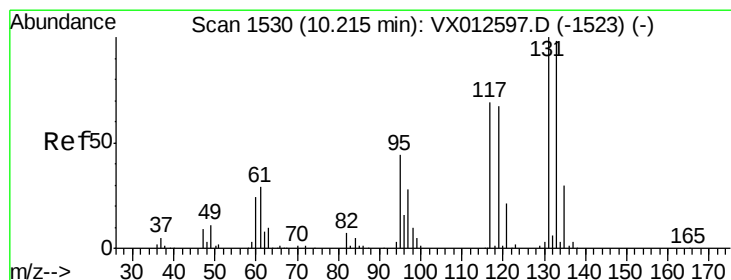
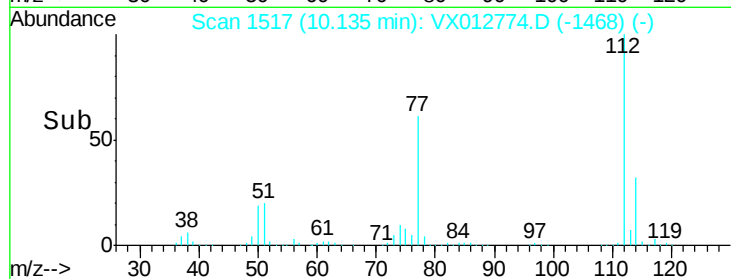
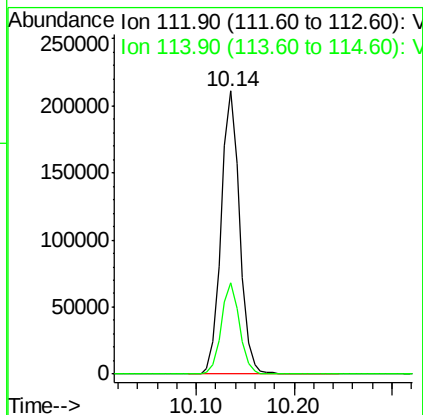
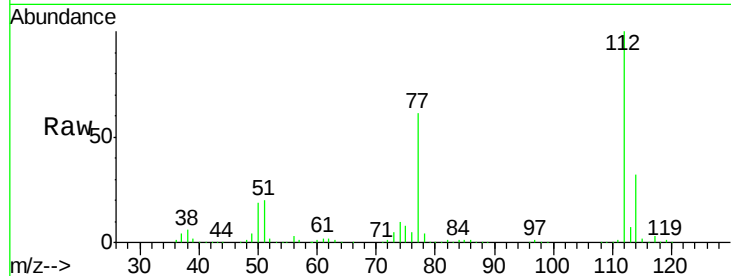




#65
Chlorobenzene
Concen: 48.499 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

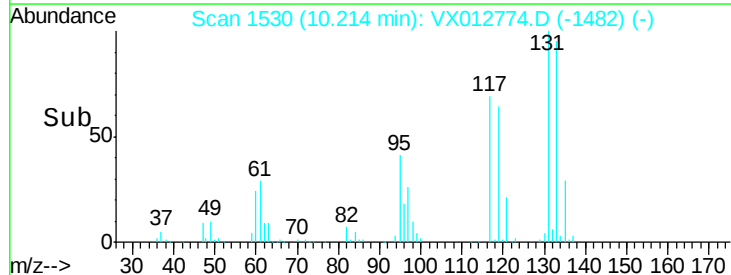
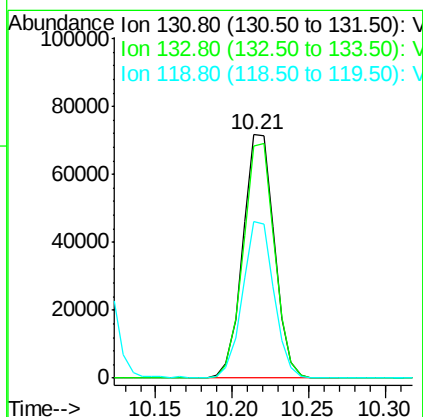
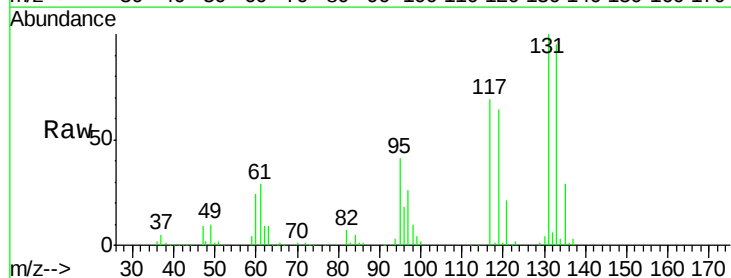
Instrument :
MSVOA_X
ClientSampleId :

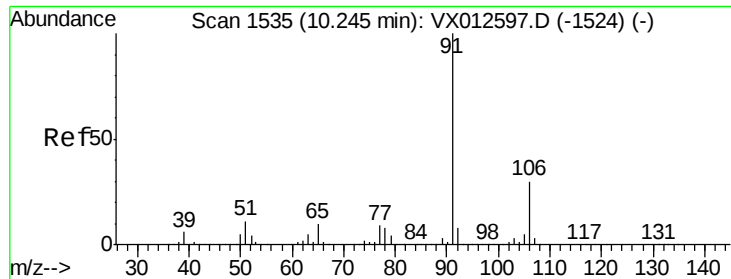
Tot Ion:112 Resp: 277197
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 49.400 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Tgt Ion:131 Resp: 102301
Ion Ratio Lower Upper
131 100
133 95.8 47.6 142.9
119 63.9 31.3 93.8

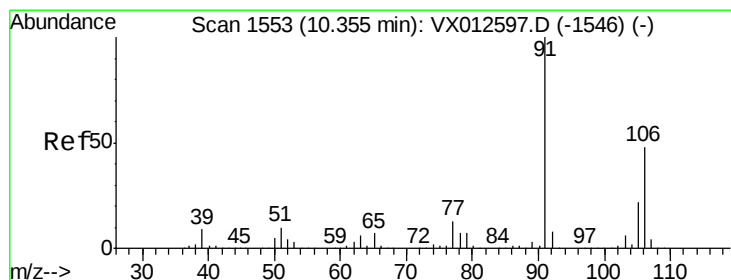
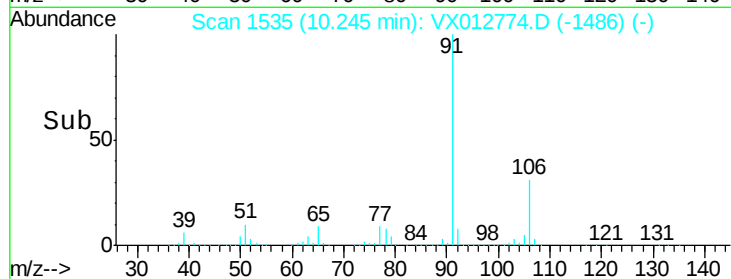
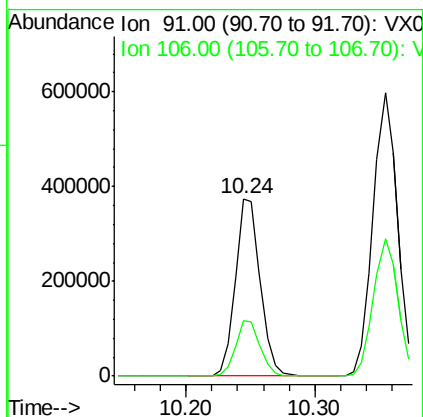
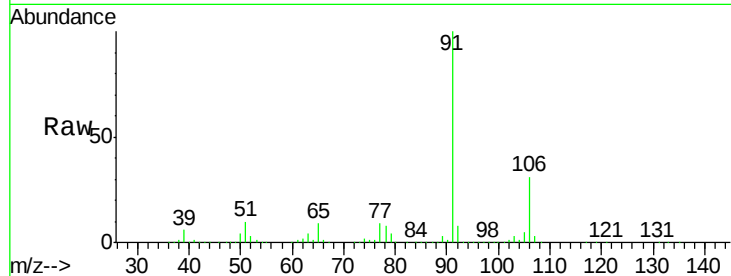




#67
Ethyl Benzene
Concen: 48.500 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

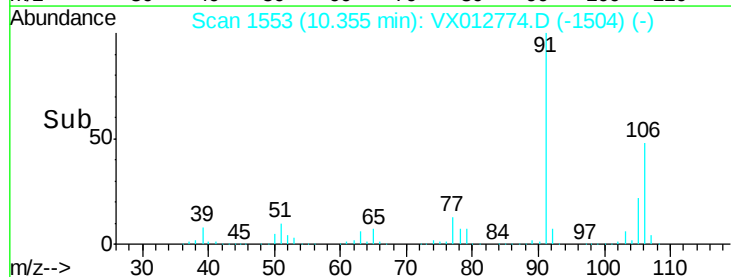
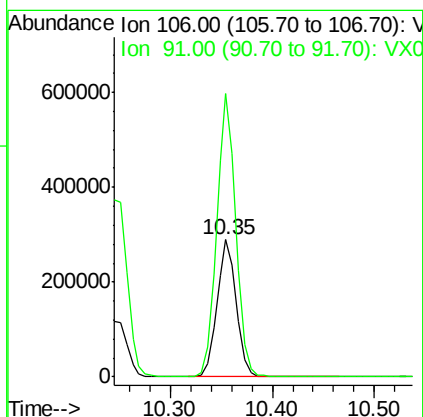
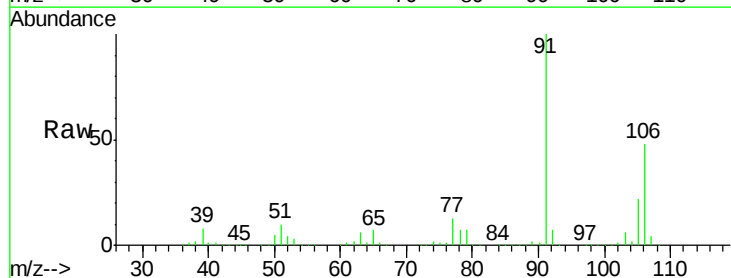
Instrument :
MSVOA_X
ClientSampled :

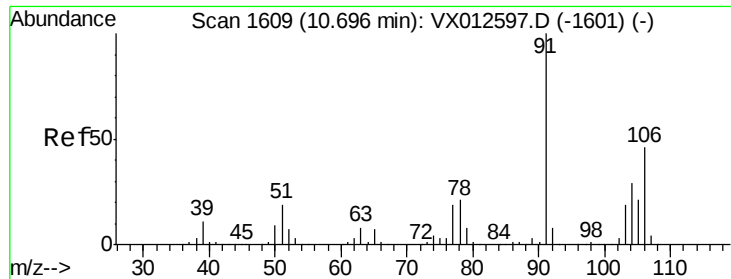
Tot Ion: 91 Resp: 502778
Ion Ratio Lower Upper
91 100
106 31.1 24.6 37.0



#68
m/p-Xylenes
Concen: 98.201 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Tgt Ion: 106 Resp: 381346
Ion Ratio Lower Upper
106 100
91 205.6 166.6 250.0

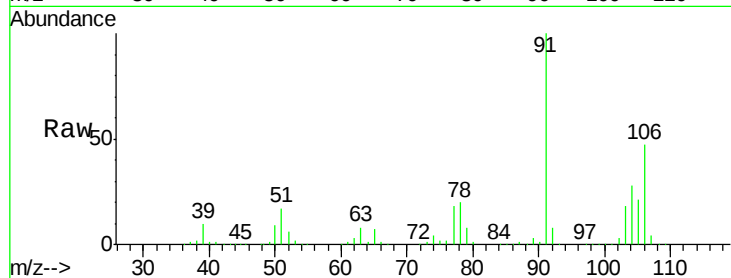




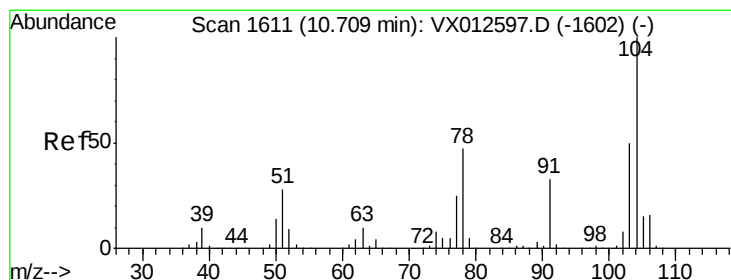
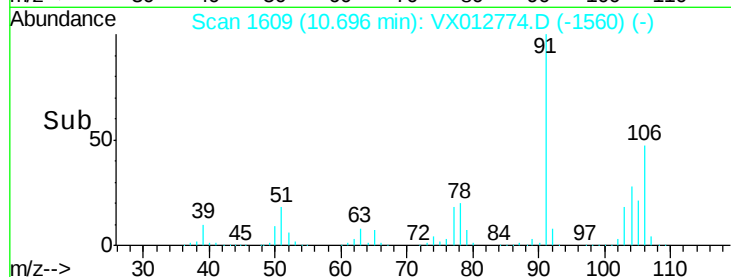
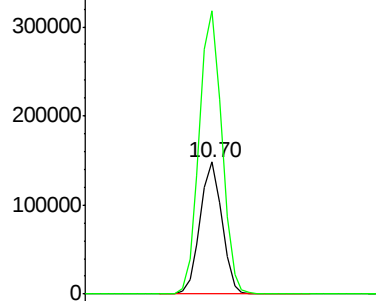
#69
o-Xylene
Concen: 49.038 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 184263
Ion Ratio Lower Upper
106 100
91 220.0 109.4 328.2

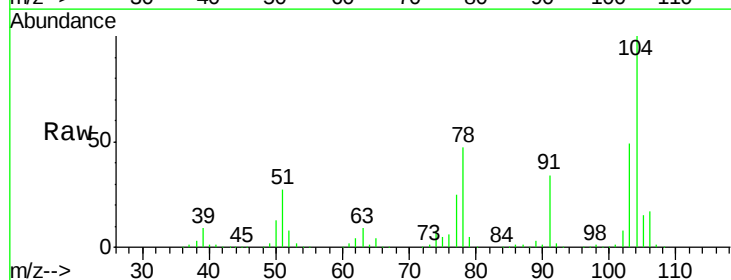


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

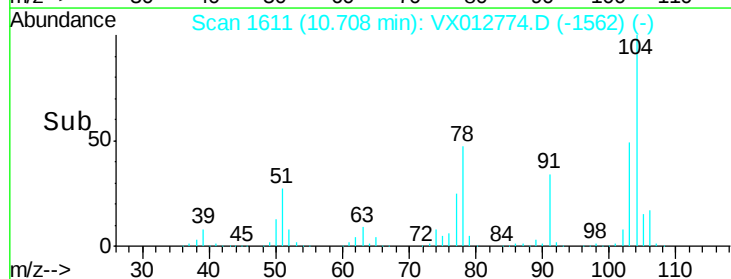
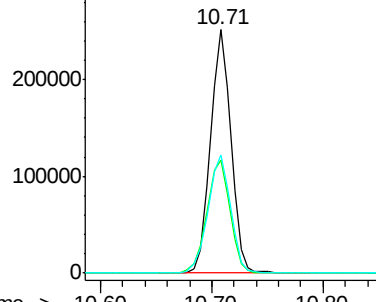


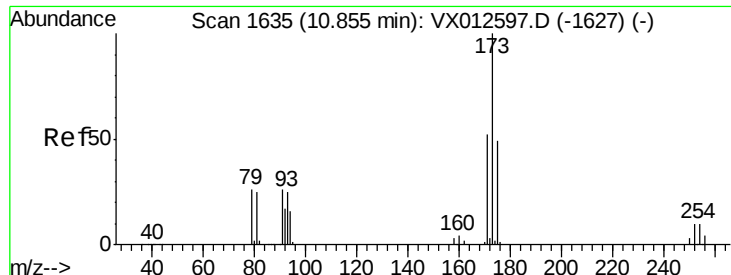
#70
Styrene
Concen: 51.101 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Tgt Ion:104 Resp: 321900
Ion Ratio Lower Upper
104 100
78 52.4 43.4 65.2
103 53.4 43.3 64.9



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





#71

Bromoform

Concen: 50.980 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :

MSVOA_X

ClientSampleId :

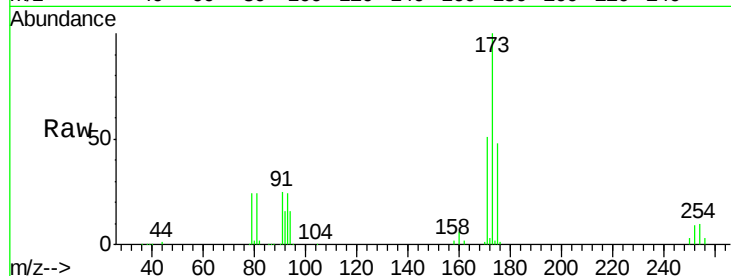
Tot Ion:173 Resp: 73511

Ion Ratio Lower Upper

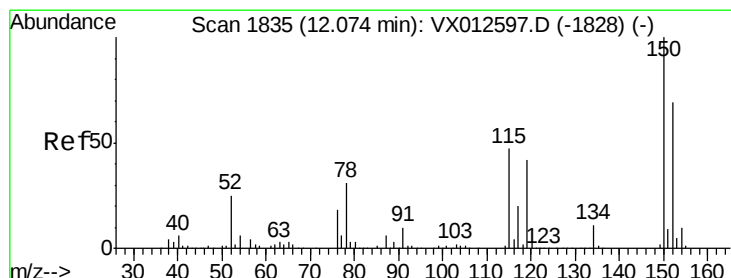
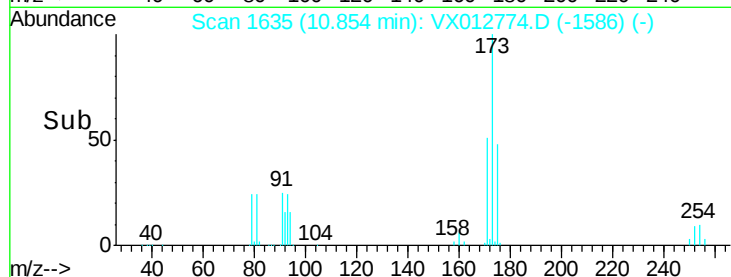
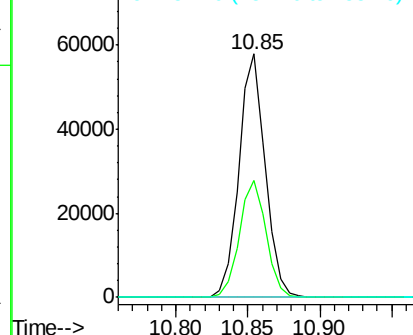
173 100

175 48.8 23.7 71.1

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

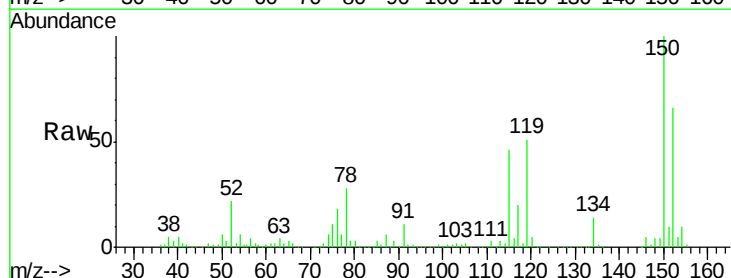
Tgt Ion:152 Resp: 128757

Ion Ratio Lower Upper

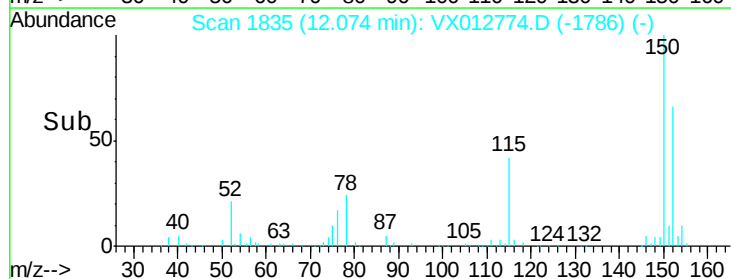
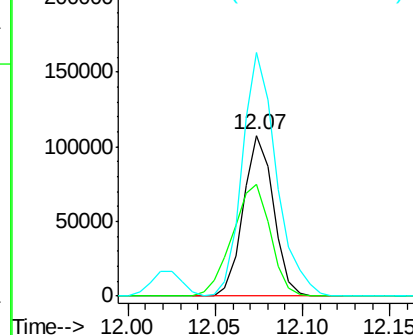
152 100

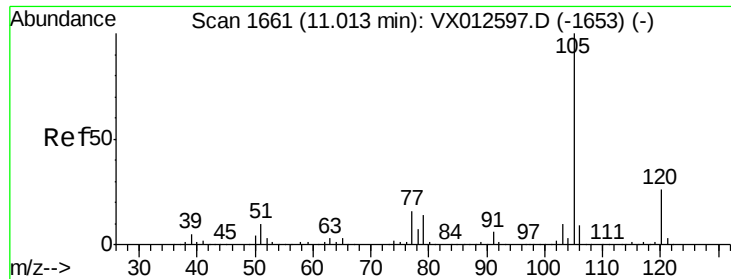
115 87.2 44.1 132.3

150 172.1 0.0 343.8



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

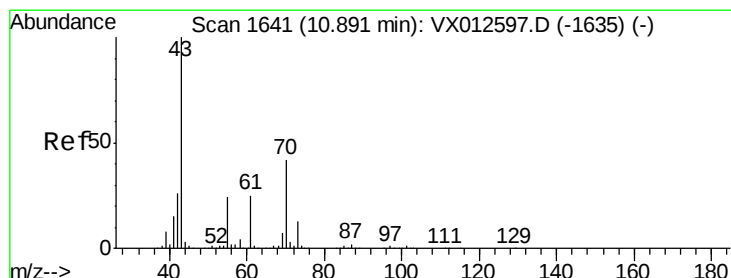
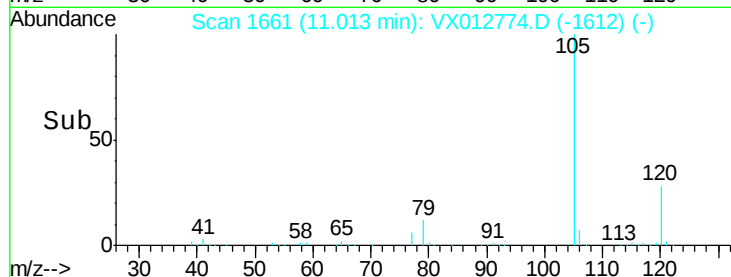
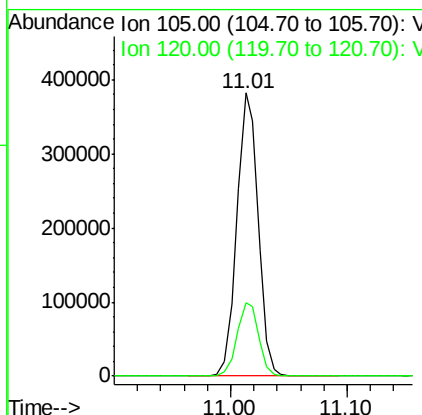
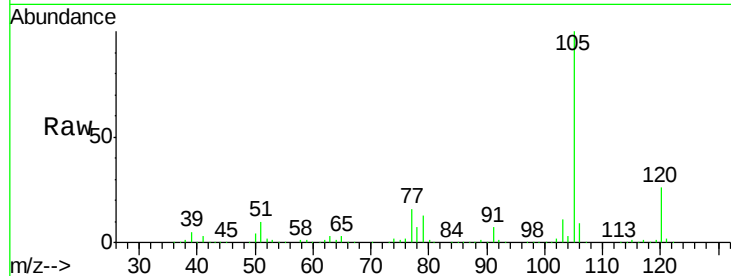




#73
Isopropylbenzene
Concen: 46.533 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

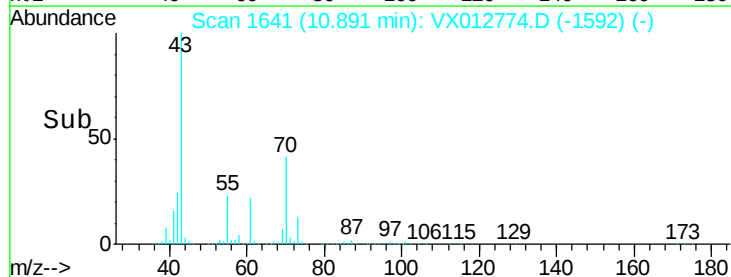
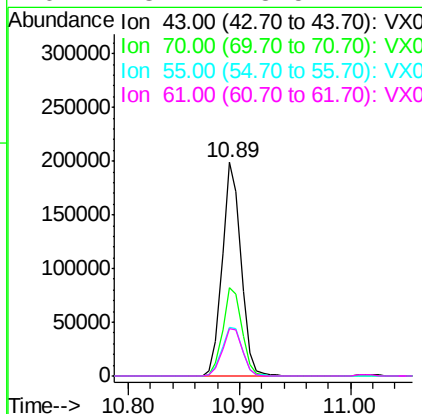
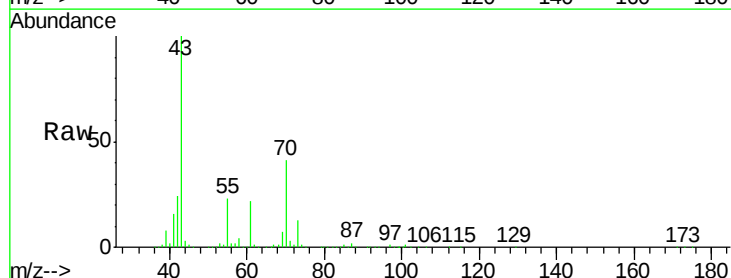
Instrument :
MSVOA_X
ClientSampled :

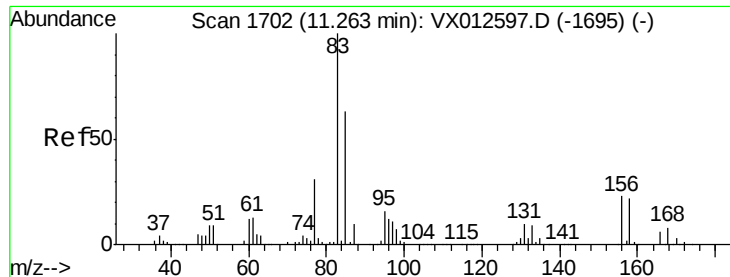
Tot Ion:105 Resp: 487978
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.7



#74
N-ethyl acetate
Concen: 46.427 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Tgt Ion: 43 Resp: 232272
Ion Ratio Lower Upper
43 100
70 42.5 32.4 48.6
55 24.9 18.2 27.4
61 23.7 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 49.308 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :

MSVOA_X

ClientSampleId :

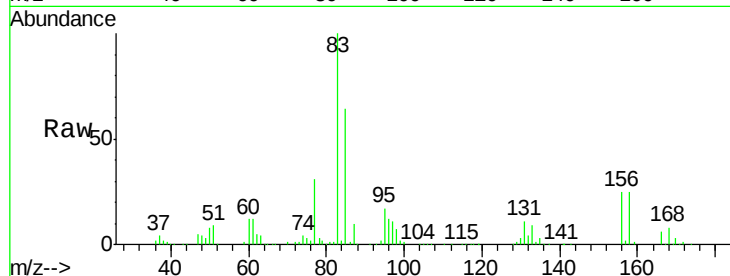
Tot Ion: 83 Resp: 171250

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

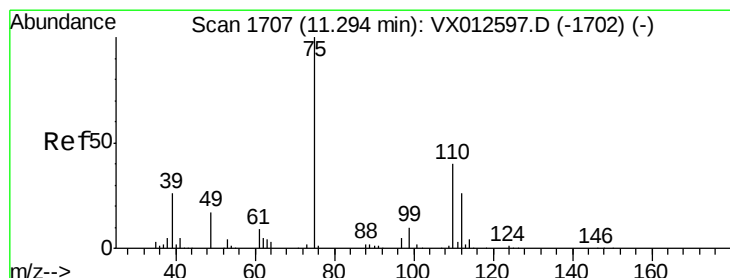
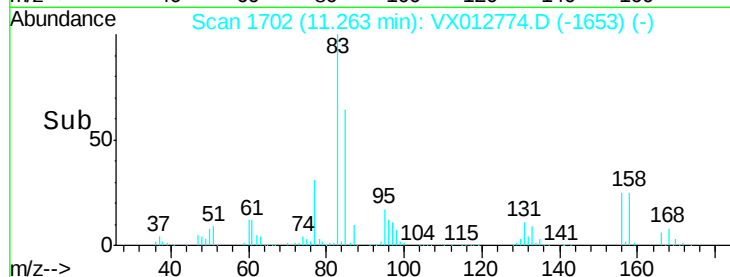
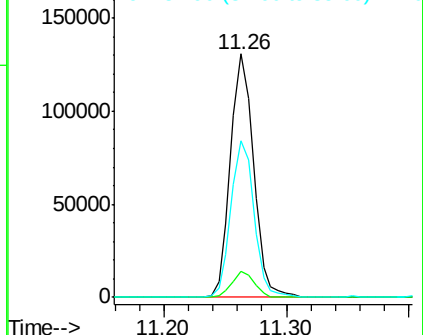
85 64.5 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 58.351 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012774.D

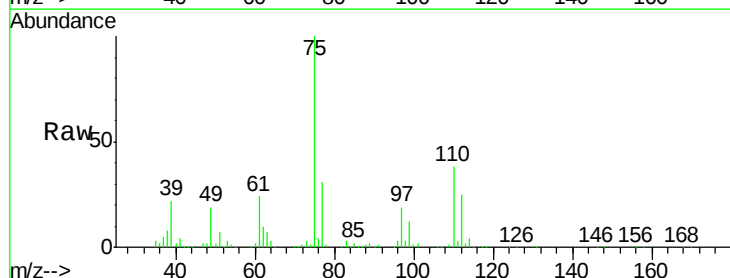
Acq: 02 Oct 2019 21:07

Tgt Ion: 75 Resp: 198739

Ion Ratio Lower Upper

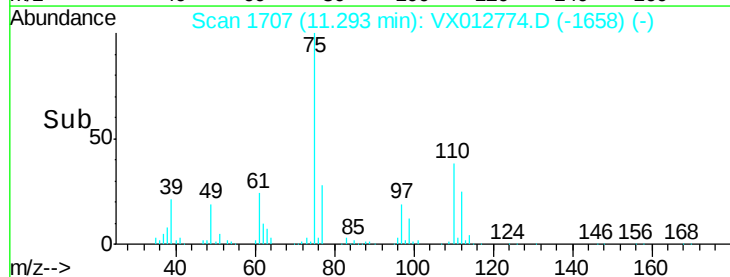
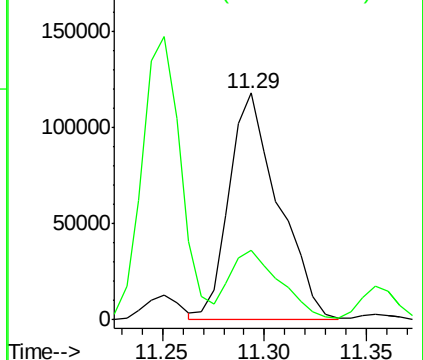
75 100

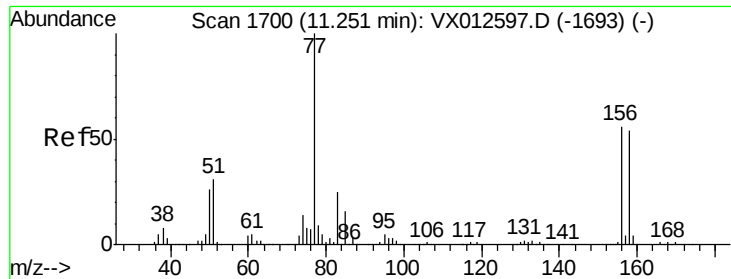
77 31.1 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.273 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :

MSVOA_X

ClientSampleId :

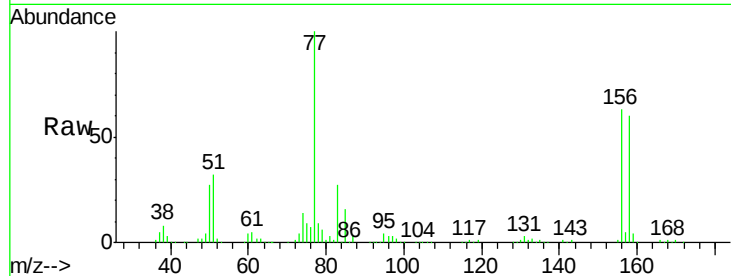
Tot Ion:156 Resp: 114573

Ion Ratio Lower Upper

156 100

77 169.2 87.3 261.8

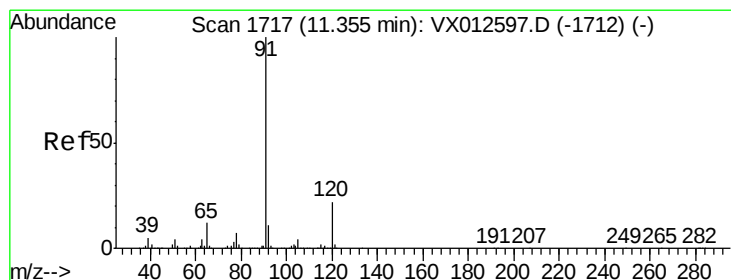
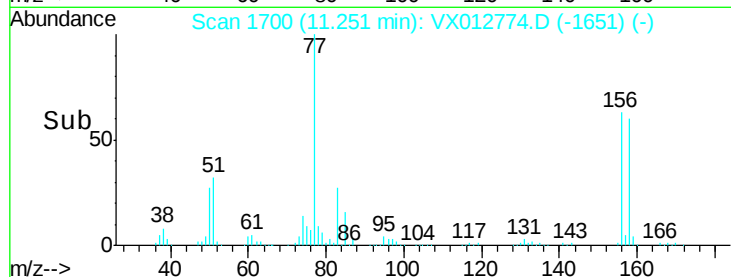
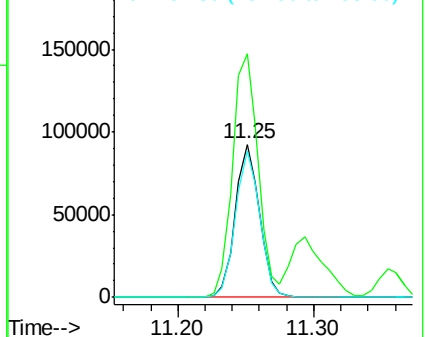
158 96.4 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.656 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012774.D

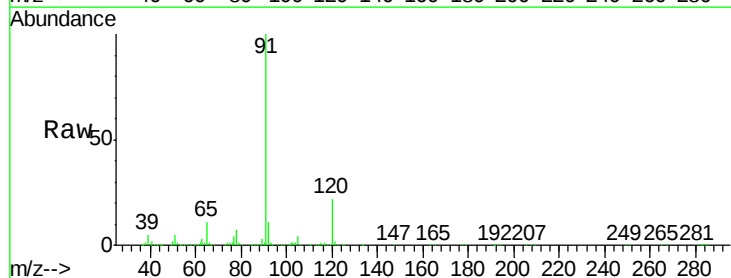
Acq: 02 Oct 2019 21:07

Tgt Ion: 91 Resp: 550831

Ion Ratio Lower Upper

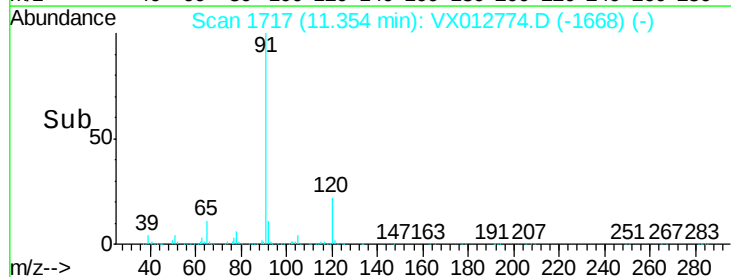
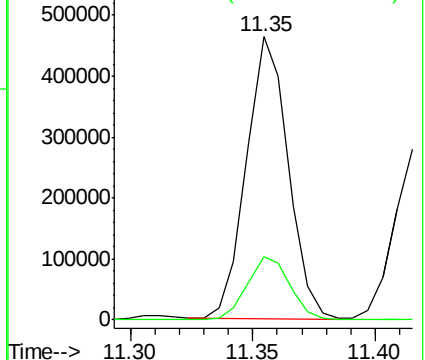
91 100

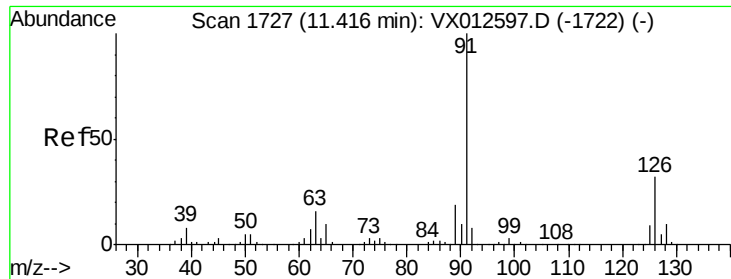
120 23.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

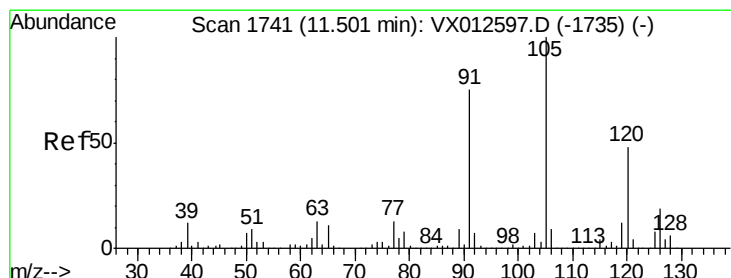
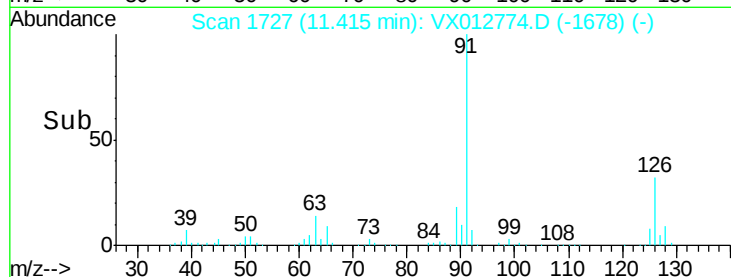
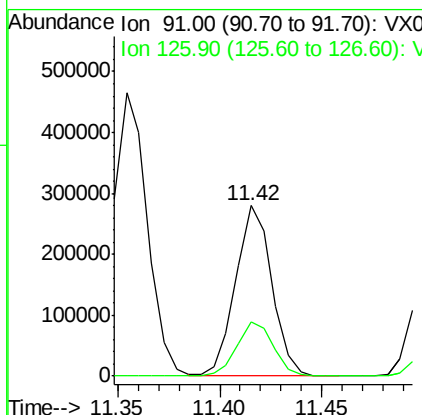
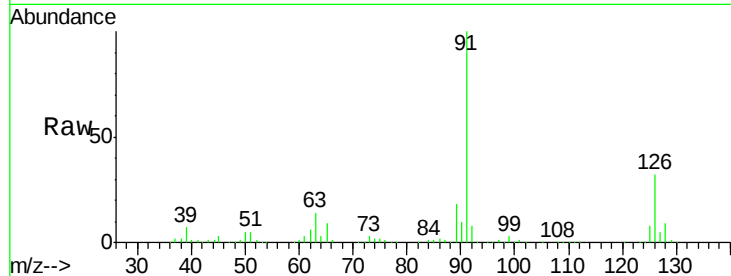




#79
 2-Chlorotoluene
 Concen: 46.469 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012774.D
 Acq: 02 Oct 2019 21:07

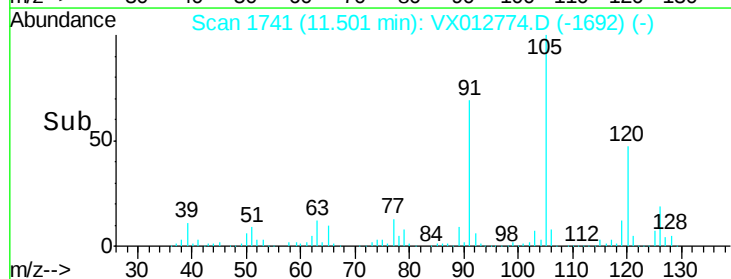
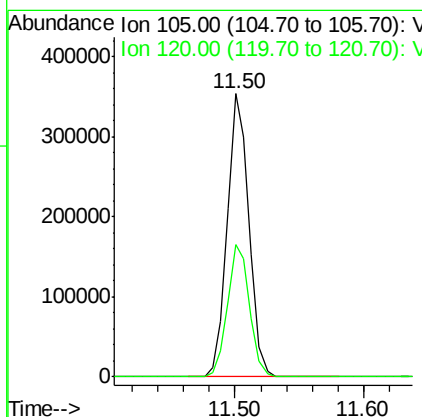
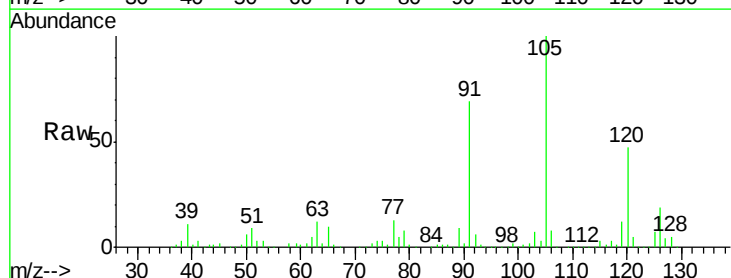
Instrument :
 MSVOA_X
 ClientSampled :

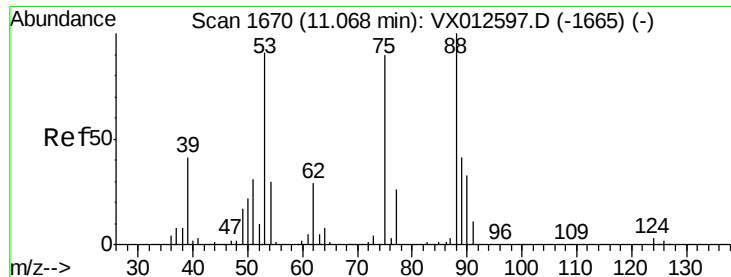
Tot Ion: 91 Resp: 342248
 Ion Ratio Lower Upper
 91 100
 126 32.0 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 47.594 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012774.D
 Acq: 02 Oct 2019 21:07

Tgt Ion: 105 Resp: 418548
 Ion Ratio Lower Upper
 105 100
 120 47.5 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 42.792 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :

MSVOA_X

ClientSampleId :

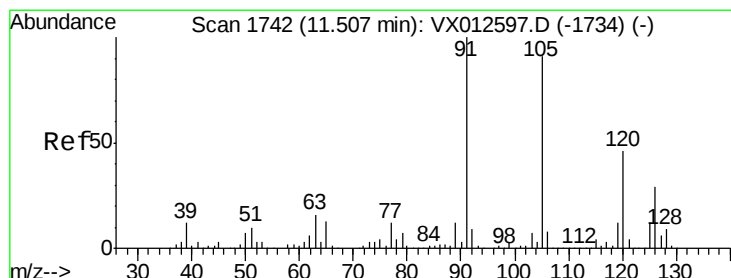
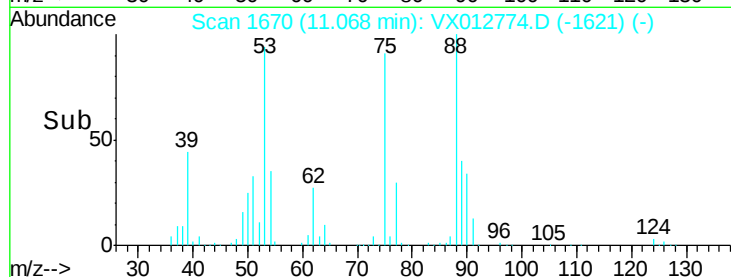
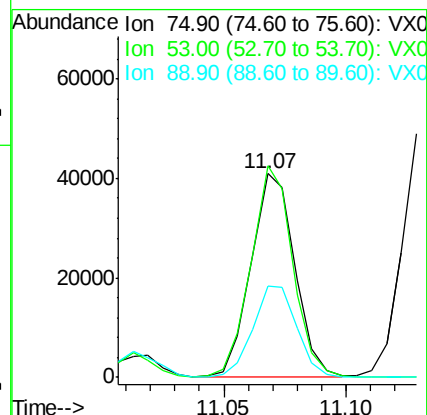
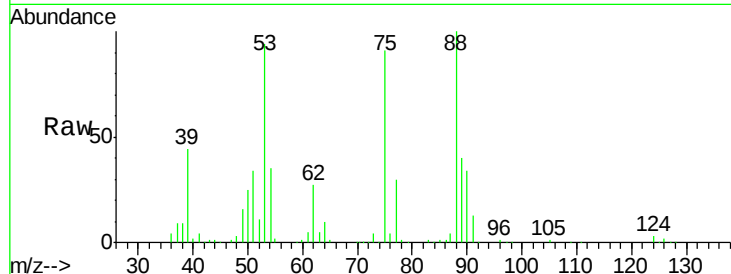
Tot Ion: 75 Resp: 50858

Ion Ratio Lower Upper

75 100

53 100.0 83.6 125.4

89 45.7 36.3 54.5



#82

4-Chlorotoluene

Concen: 46.232 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012774.D

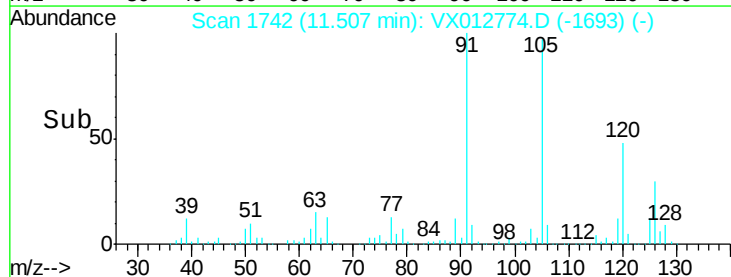
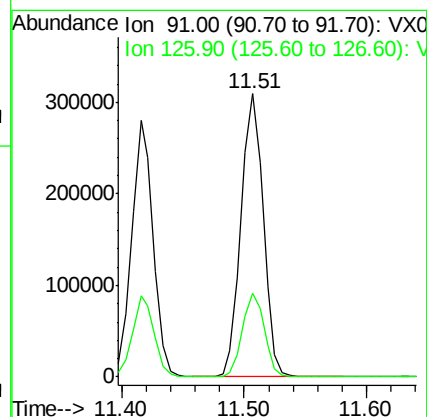
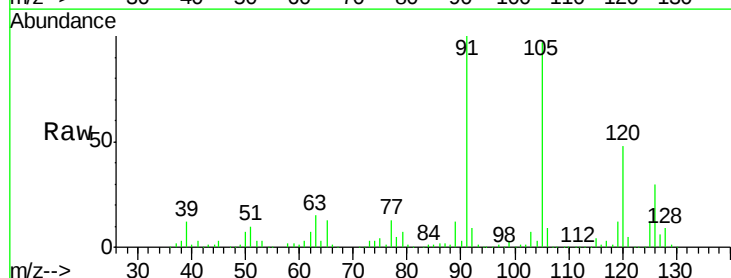
Acq: 02 Oct 2019 21:07

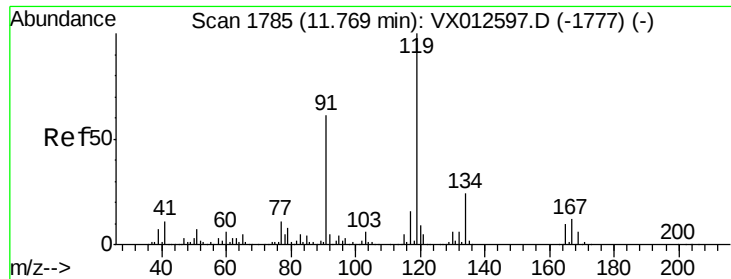
Tgt Ion: 91 Resp: 388157

Ion Ratio Lower Upper

91 100

126 29.0 14.4 43.0

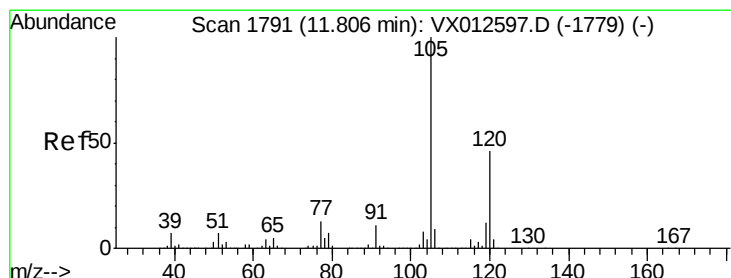
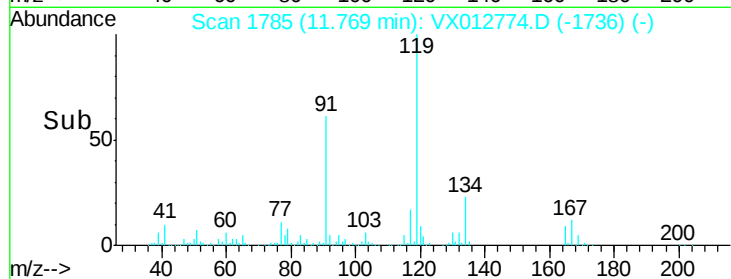
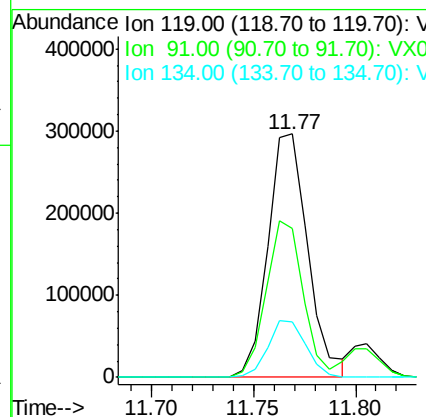
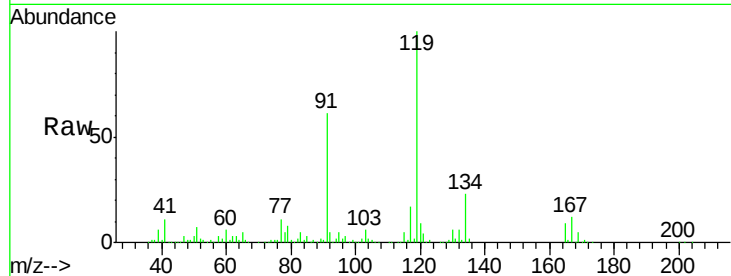




#83
tert-Butylbenzene
Concen: 47.739 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

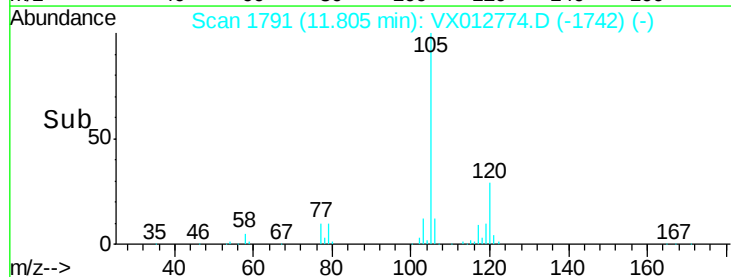
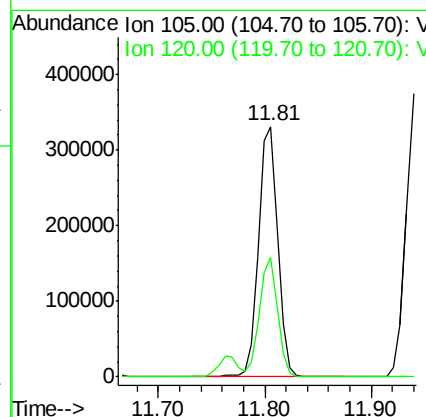
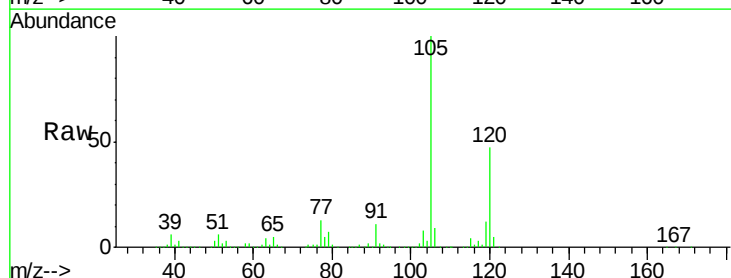
Instrument :
MSVOA_X
ClientSampleId :

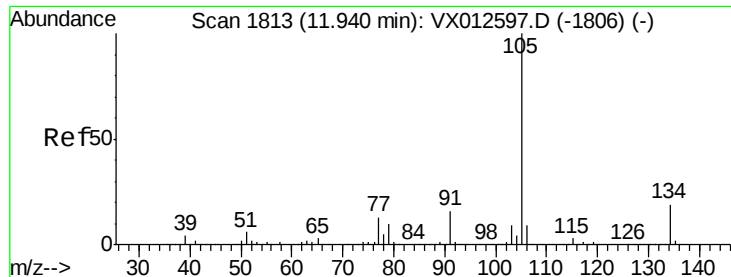
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.7	30.0	90.0
134	22.5	11.3	33.9



#84
1,2,4-Trimethylbenzene
Concen: 47.442 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX012774.D
Acq: 02 Oct 2019 21:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.2	66.6





#85

sec-Butylbenzene

Concen: 48.176 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :

MSVOA_X

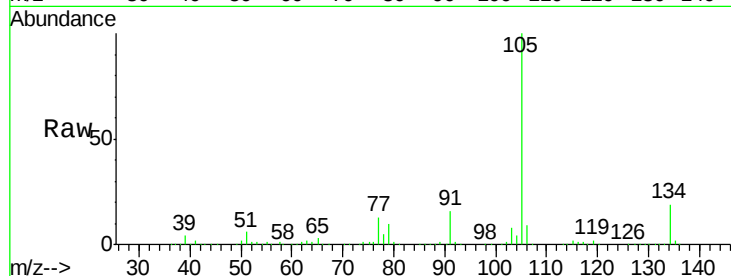
ClientSampleId :

Tot Ion:105 Resp: 475340

Ion Ratio Lower Upper

105 100

134 19.1 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

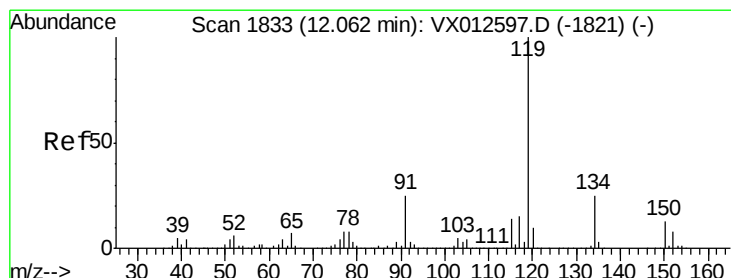
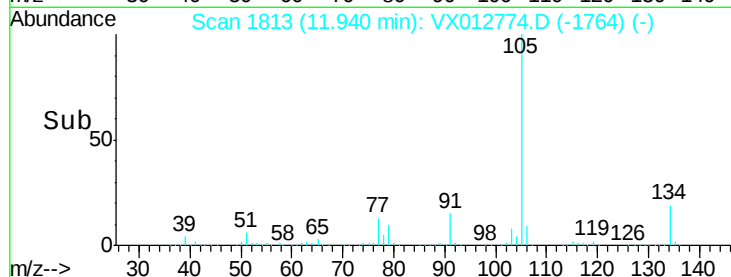
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 48.521 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

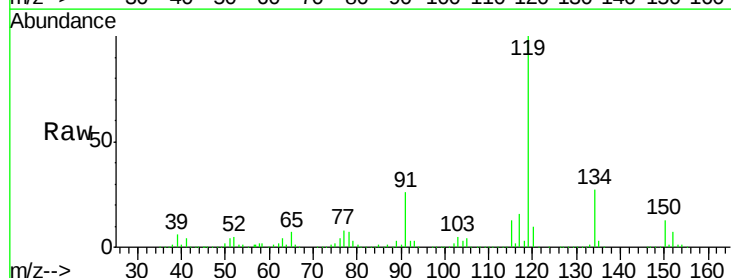
Tgt Ion:119 Resp: 431975

Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.1

91 25.7 12.8 38.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

500000

400000

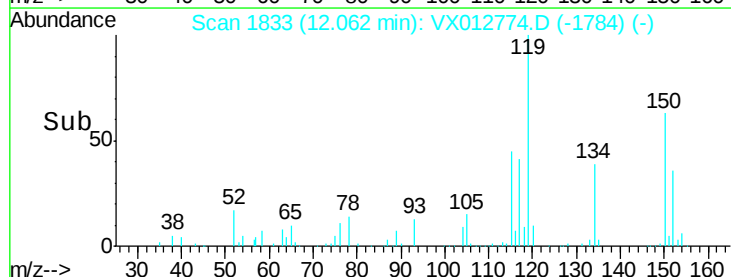
300000

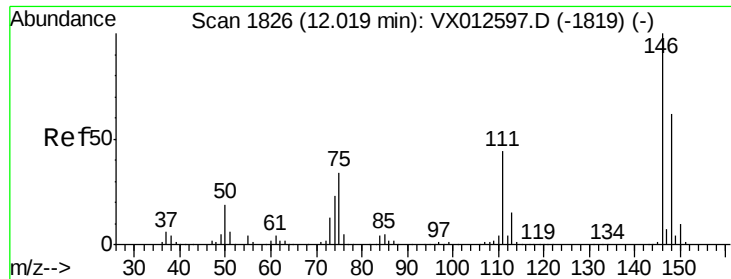
200000

100000

0

Time-->

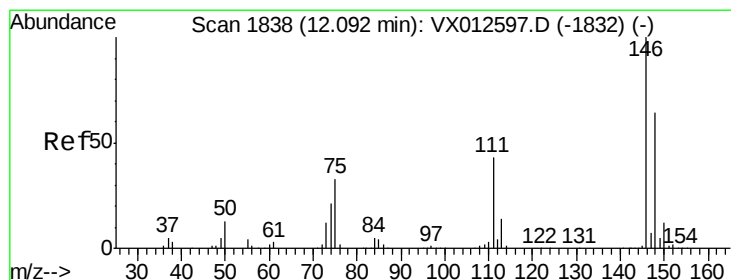
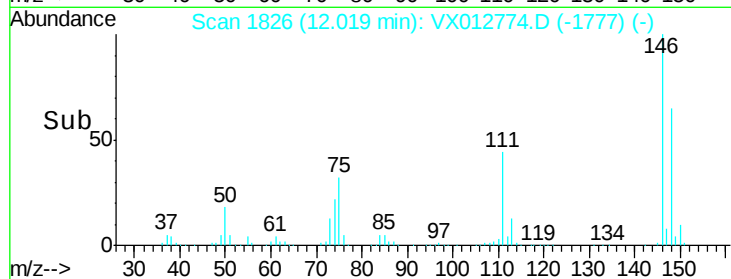
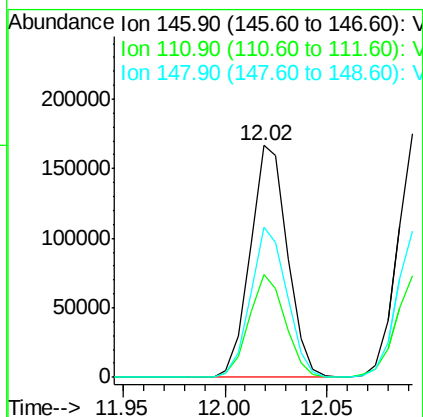
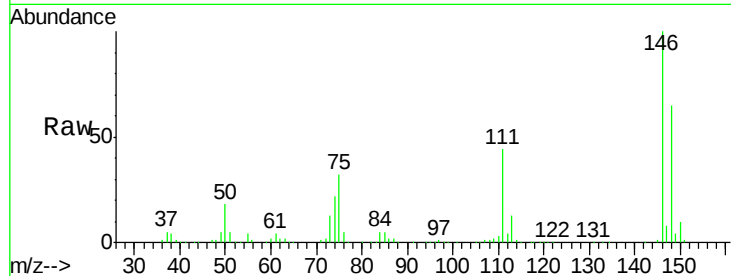




#87
 1,3-Dichlorobenzene
 Concen: 49.465 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012774.D
 Acq: 02 Oct 2019 21:07

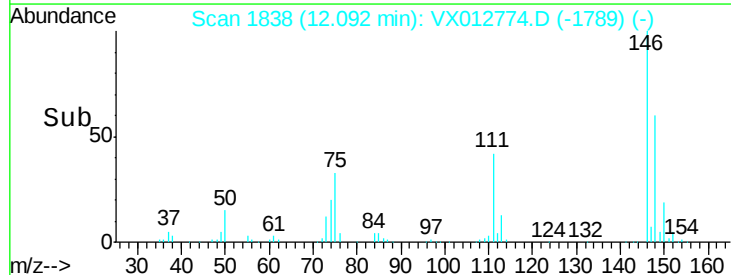
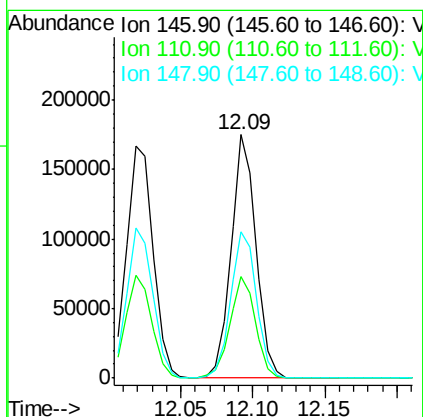
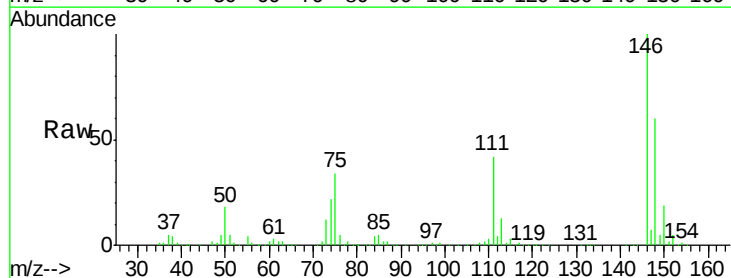
Instrument :
 MSVOA_X
 ClientSampled :

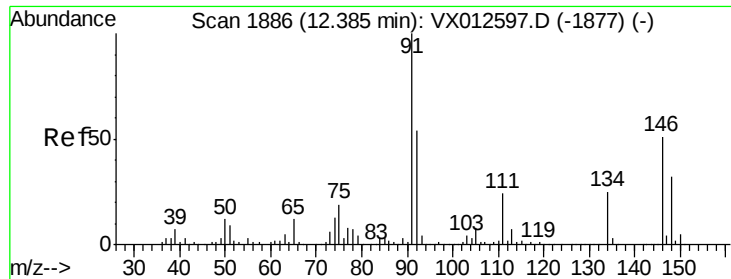
Tot Ion:146 Resp: 211282
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.3 64.0
 148 63.3 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 48.897 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012774.D
 Acq: 02 Oct 2019 21:07

Tgt Ion:146 Resp: 211046
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.1 63.3
 148 63.1 32.1 96.5





#89

n-Butylbenzene

Concen: 47.029 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :

MSVOA_X

ClientSampled :

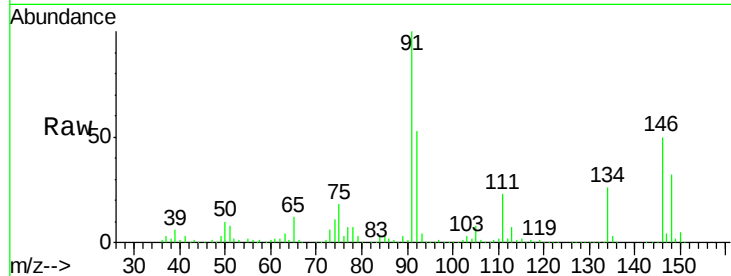
Tot Ion: 91 Resp: 368951

Ion Ratio Lower Upper

91 100

92 54.2 27.7 83.0

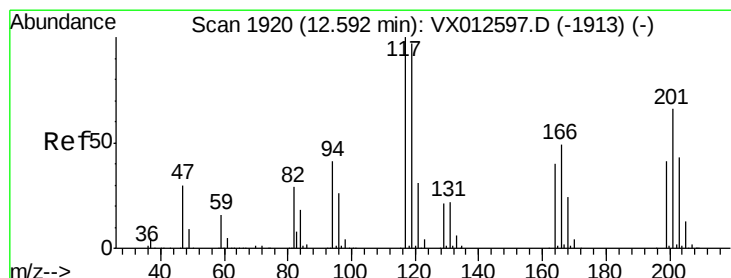
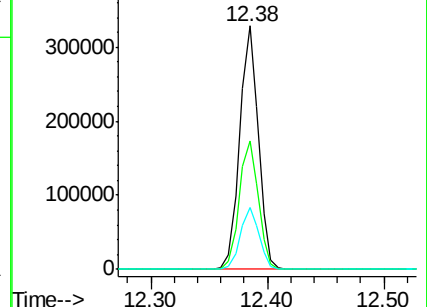
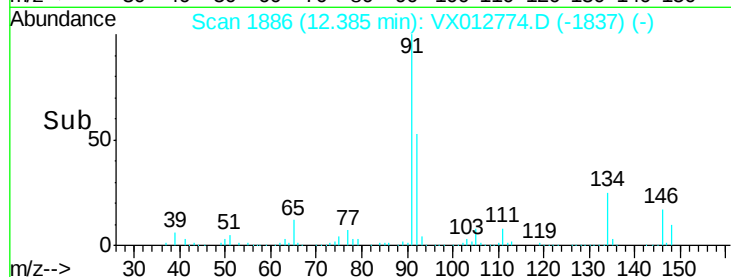
134 25.6 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX012597.D (-1877) (-)

Ion 92.00 (91.70 to 92.70): VX012597.D (-1877) (-)

Ion 134.00 (133.70 to 134.70): VX012597.D (-1877) (-)



#90

Hexachloroethane

Concen: 46.360 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012774.D

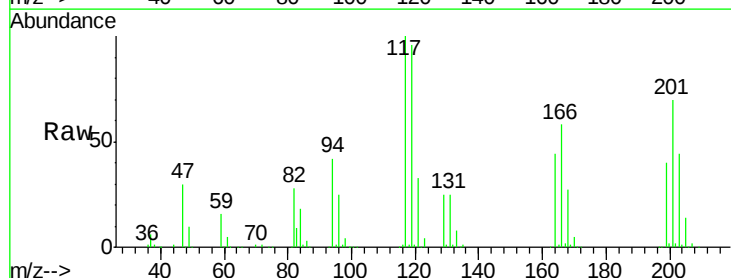
Acq: 02 Oct 2019 21:07

Tgt Ion: 117 Resp: 73583

Ion Ratio Lower Upper

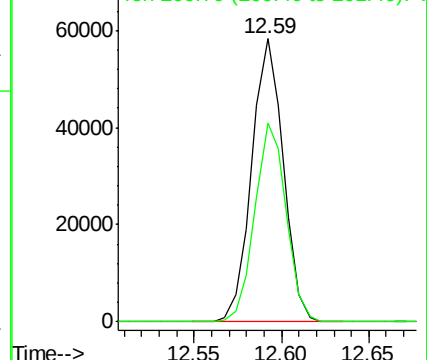
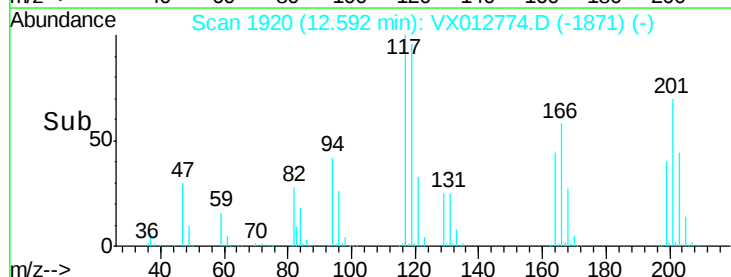
117 100

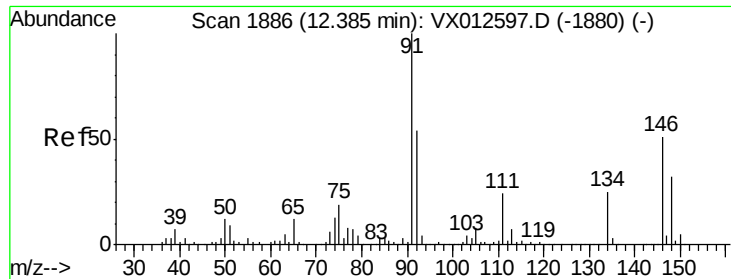
201 69.8 33.3 99.8



Abundance Ion 116.80 (116.50 to 117.50): VX012597.D (-1913) (-)

Ion 200.70 (200.40 to 201.40): VX012597.D (-1913) (-)

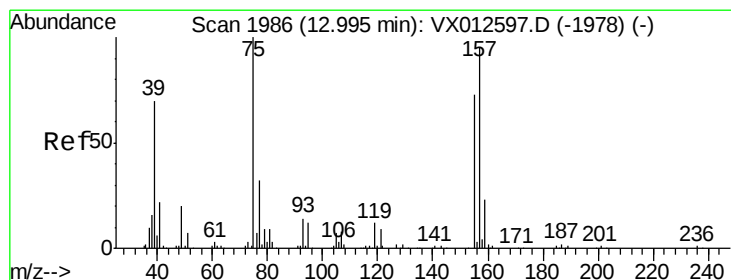
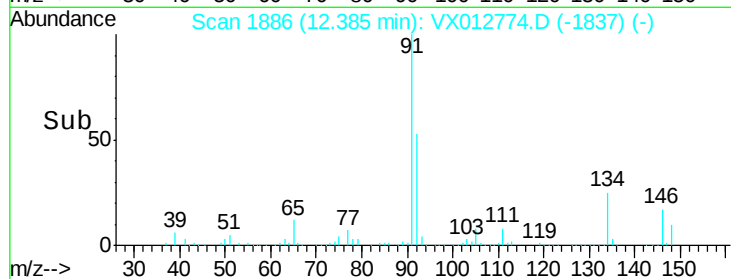
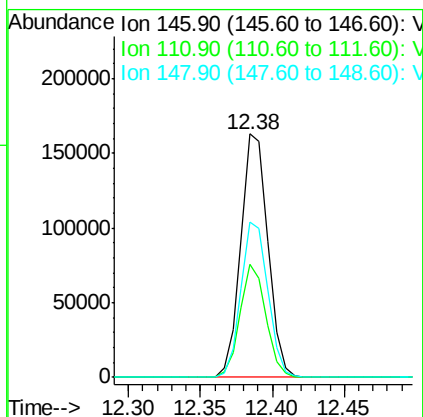
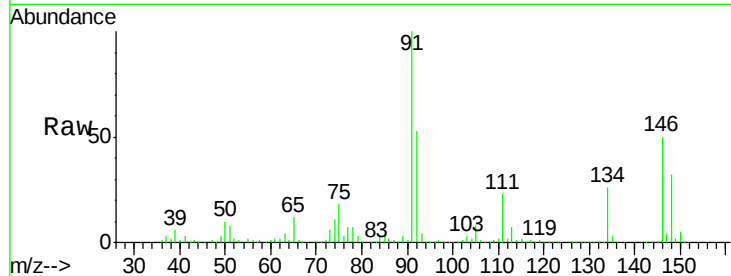




#91
 1,2-Dichlorobenzene
 Concen: 49.651 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012774.D
 Acq: 02 Oct 2019 21:07

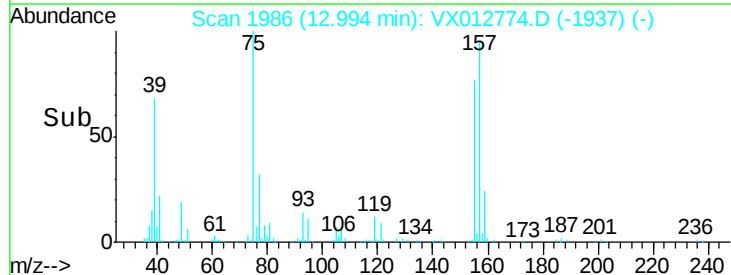
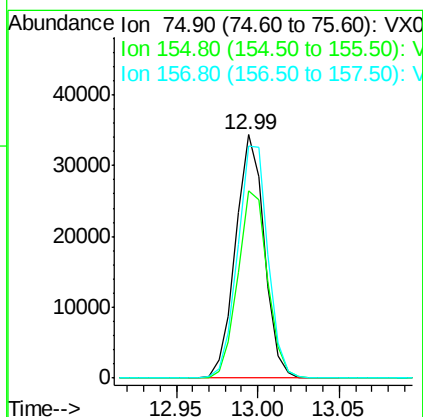
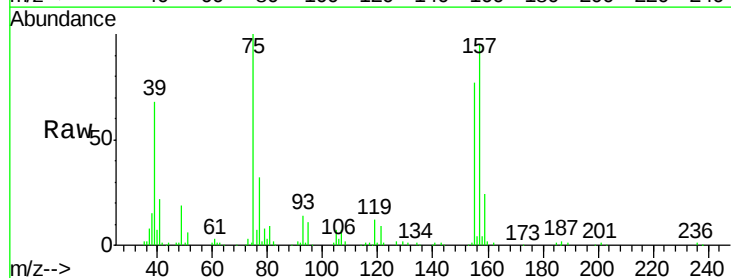
Instrument :
 MSVOA_X
 ClientSampleId :

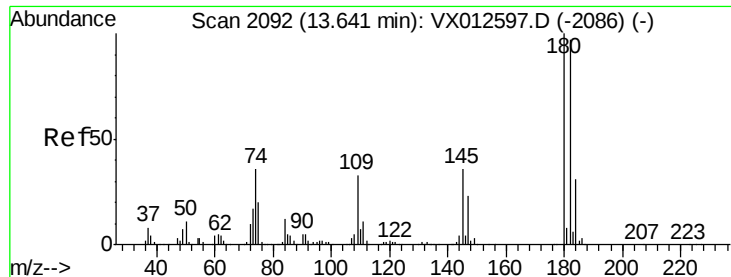
Tot Ion:146 Resp: 212320
 Ion Ratio Lower Upper
 146 100
 111 44.4 22.1 66.1
 148 64.0 31.3 93.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.401 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012774.D
 Acq: 02 Oct 2019 21:07

Tgt Ion: 75 Resp: 42050
 Ion Ratio Lower Upper
 75 100
 155 79.7 38.6 115.8
 157 100.7 50.6 151.9

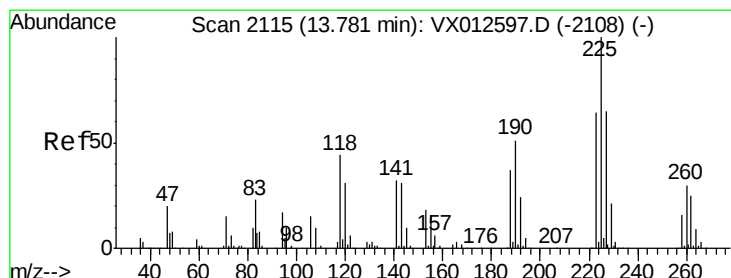
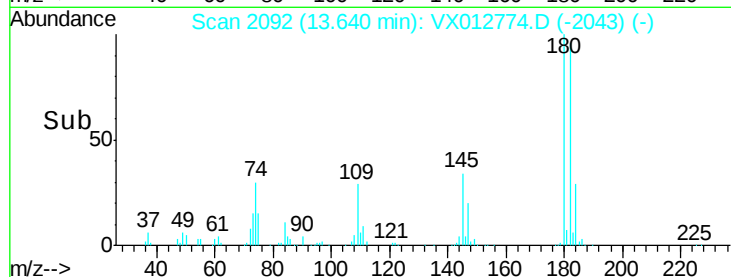
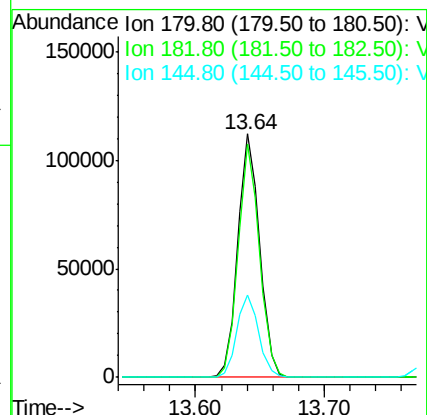
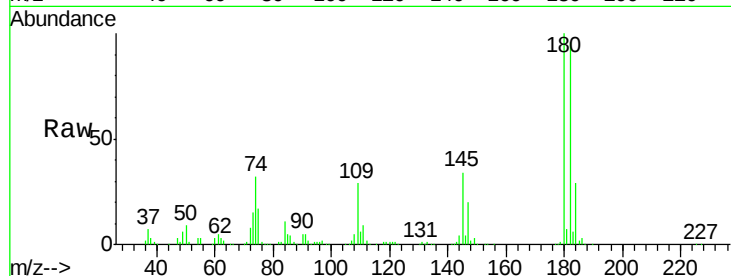




#93
 1,2,4-Trichlorobenzene
 Concen: 50.977 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012774.D
 Acq: 02 Oct 2019 21:07

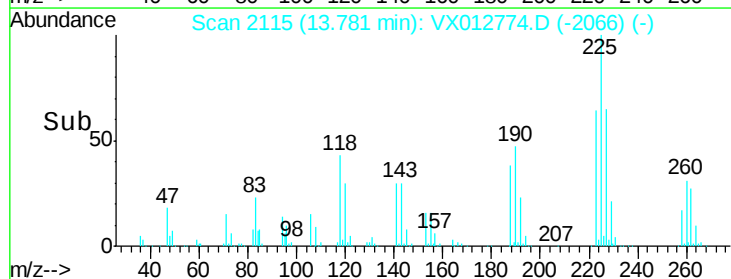
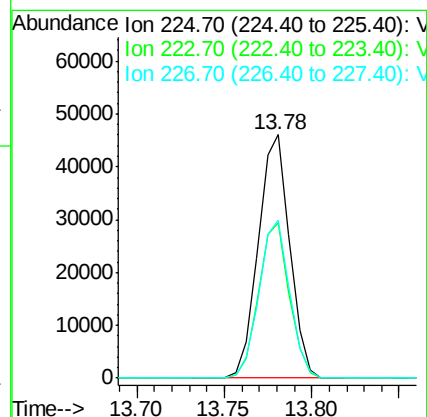
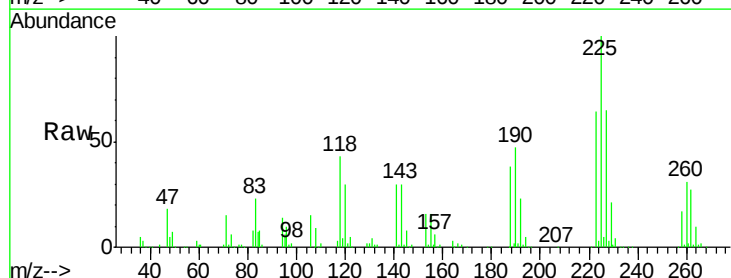
Instrument :
 MSVOA_X
 ClientSampleId :

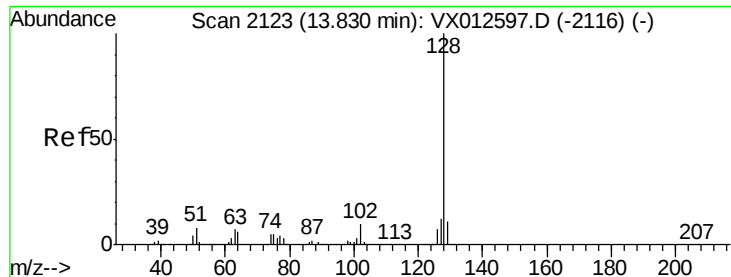
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.0	141.0
145	34.1	16.8	50.4



#94
 Hexachlorobutadiene
 Concen: 51.244 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012774.D
 Acq: 02 Oct 2019 21:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	32.0	96.2
227	63.4	31.9	95.5





#95

Naphthalene

Concen: 51.380 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

Instrument :

MSVOA_X

ClientSampleId :

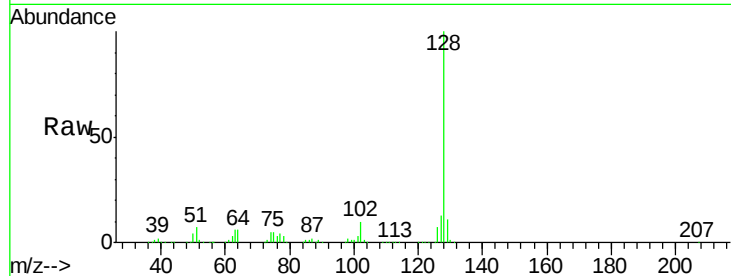
Tot Ion:128 Resp: 484789

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

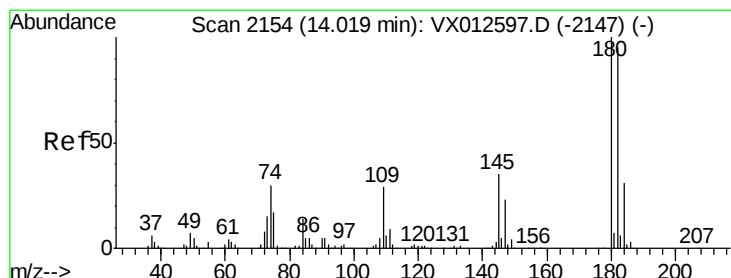
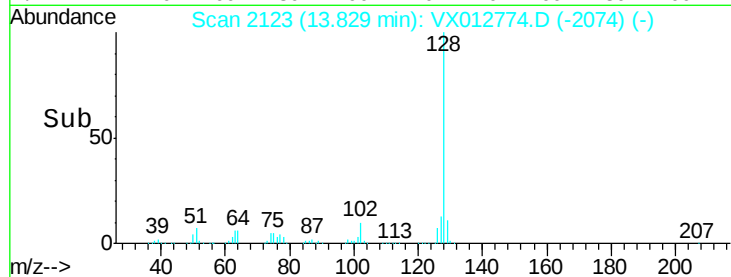
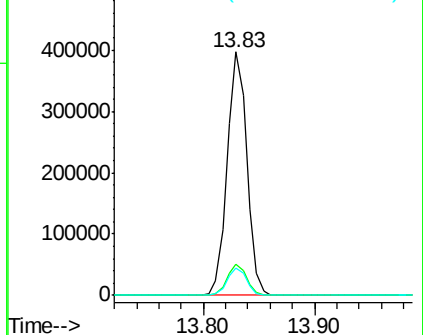
129 11.0 8.8 13.2



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: 51.199 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. 0.01 min

Lab File: VX012774.D

Acq: 02 Oct 2019 21:07

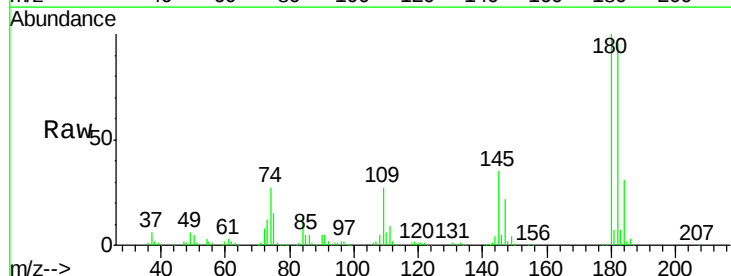
Tgt Ion:180 Resp: 133749

Ion Ratio Lower Upper

180 100

182 95.1 47.1 141.3

145 36.2 18.0 54.0



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

