

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040220\
 Data File : VX015475.D
 Acq On : 02 Apr 2020 12:43
 Operator : JC/SP
 Sample : VX0402WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 03 07:59:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	1106610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1733504	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1561464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	835332	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	765150	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.04%		
35) Dibromofluoromethane	5.47	113	555331	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.24%		
50) Toluene-d8	8.70	98	2017005	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.88%		
62) 4-Bromofluorobenzene	11.12	95	830426	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.18%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	197835	20.292	ug/l	99
3) Chloromethane	1.31	50	217635	17.529	ug/l	99
4) Vinyl Chloride	1.39	62	205016	17.983	ug/l	99
5) Bromomethane	1.63	94	135846	21.190	ug/l	98
6) Chloroethane	1.71	64	131418	18.587	ug/l	97
7) Trichlorofluoromethane	1.92	101	309117	20.218	ug/l	100
8) Diethyl Ether	2.17	74	120444	18.677	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	201510	20.218	ug/l	98
10) Methyl Iodide	2.49	142	233789	17.398	ug/l	99
11) Tert butyl alcohol	3.01	59	290695	77.814	ug/l	99
12) 1,1-Dichloroethene	2.36	96	196692	18.827	ug/l	97
13) Acrolein	2.27	56	208774	98.106	ug/l	100
14) Allyl chloride	2.70	41	449921	18.431	ug/l	97
15) Acrylonitrile	3.11	53	638513	89.624	ug/l	100
16) Acetone	2.42	43	590823	88.112	ug/l	99
17) Carbon Disulfide	2.55	76	580450	18.212	ug/l	98
18) Methyl Acetate	2.75	43	309420	18.080	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	756049	18.659	ug/l	100
20) Methylene Chloride	2.83	84	228821	18.270	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	211424	18.234	ug/l	96
22) Diisopropyl ether	3.82	45	836734	19.343	ug/l	96
23) Vinyl Acetate	3.78	43	3772753	96.329	ug/l	99
24) 1,1-Dichloroethane	3.67	63	420519	18.464	ug/l	99
25) 2-Butanone	4.63	43	929494	86.195	ug/l	97
26) 2,2-Dichloropropane	4.55	77	376371	20.133	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	243253	18.133	ug/l	94
28) Bromochloromethane	4.98	49	225126	20.703	ug/l	99
29) Tetrahydrofuran	5.09	42	604065	87.135	ug/l	99
30) Chloroform	5.17	83	411940	18.800	ug/l	95
31) Cyclohexane	5.55	56	384060	19.438	ug/l	95
32) 1,1,1-Trichloroethane	5.47	97	371065	18.712	ug/l	99
36) 1,1-Dichloropropene	5.77	75	311270	19.488	ug/l	99
37) Ethyl Acetate	4.79	43	375966	18.078	ug/l	99
38) Carbon Tetrachloride	5.75	117	327539	18.933	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	381322	20.706	ug/l	95
40) Benzene	6.11	78	880787	18.825	ug/l	98
41) Methacrylonitrile	5.00	41	213611	18.503	ug/l	99
42) 1,2-Dichloroethane	6.16	62	365583	19.453	ug/l	99
43) Isopropyl Acetate	6.41	43	642194	18.292	ug/l	99
44) Trichloroethene	7.18	130	242379	18.995	ug/l	99
45) 1,2-Dichloropropane	7.49	63	243237	19.004	ug/l	99
46) Dibromomethane	7.64	93	160540	19.121	ug/l	99
47) Bromodichloromethane	7.87	83	341388	19.082	ug/l	98
48) Methyl methacrylate	7.75	41	326577	18.623	ug/l	98
49) 1,4-Dioxane	7.72	88	111257	340.099	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1856345	93.301	ug/l	99
52) Toluene	8.76	92	560050	19.415	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	387230	18.456	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	408554	19.115	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	230275	19.485	ug/l	96
56) Ethyl methacrylate	9.16	69	383710	18.423	ug/l	100
57) 1,3-Dichloropropane	9.36	76	395455	18.572	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1001610	98.867	ug/l	99
59) 2-Hexanone	9.47	43	1372723	91.386	ug/l	100
60) Dibromochloromethane	9.56	129	263012	18.521	ug/l	97
61) 1,2-Dibromoethane	9.65	107	244604	19.035	ug/l	100
64) Tetrachloroethene	9.32	164	235879	20.017	ug/l	96
65) Chlorobenzene	10.12	112	599505	19.252	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	233336	18.756	ug/l	99
67) Ethyl Benzene	10.23	91	1096413	19.852	ug/l	100
68) m/p-Xylenes	10.34	106	819729	39.859	ug/l	98
69) o-Xylene	10.68	106	398299	19.599	ug/l	99
70) Styrene	10.70	104	689062	19.269	ug/l	99
71) Bromoform	10.84	173	205657	18.159	ug/l #	99
73) Isopropylbenzene	11.00	105	1075069	19.642	ug/l	99
74) N-amyl acetate	10.88	43	546472	17.952	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	347134	18.483	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	415092	24.164	ug/l	84
77) Bromobenzene	11.24	156	276972	18.972	ug/l	98
78) n-propylbenzene	11.34	91	1232291	19.690	ug/l	100
79) 2-Chlorotoluene	11.40	91	742941	19.368	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	919257	19.666	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	126215	17.630	ug/l	97
82) 4-Chlorotoluene	11.49	91	890311	19.798	ug/l	99
83) tert-Butylbenzene	11.76	119	885215	19.388	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	917214	19.256	ug/l	100
85) sec-Butylbenzene	11.93	105	1038765	19.672	ug/l	100
86) p-Isopropyltoluene	12.05	119	979807	19.987	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	491967	18.824	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	500994	18.819	ug/l	98
89) n-Butylbenzene	12.37	91	899415	20.303	ug/l	100
90) Hexachloroethane	12.58	117	175638	18.408	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	486627	19.026	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	87486	16.504	ug/l	95

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Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
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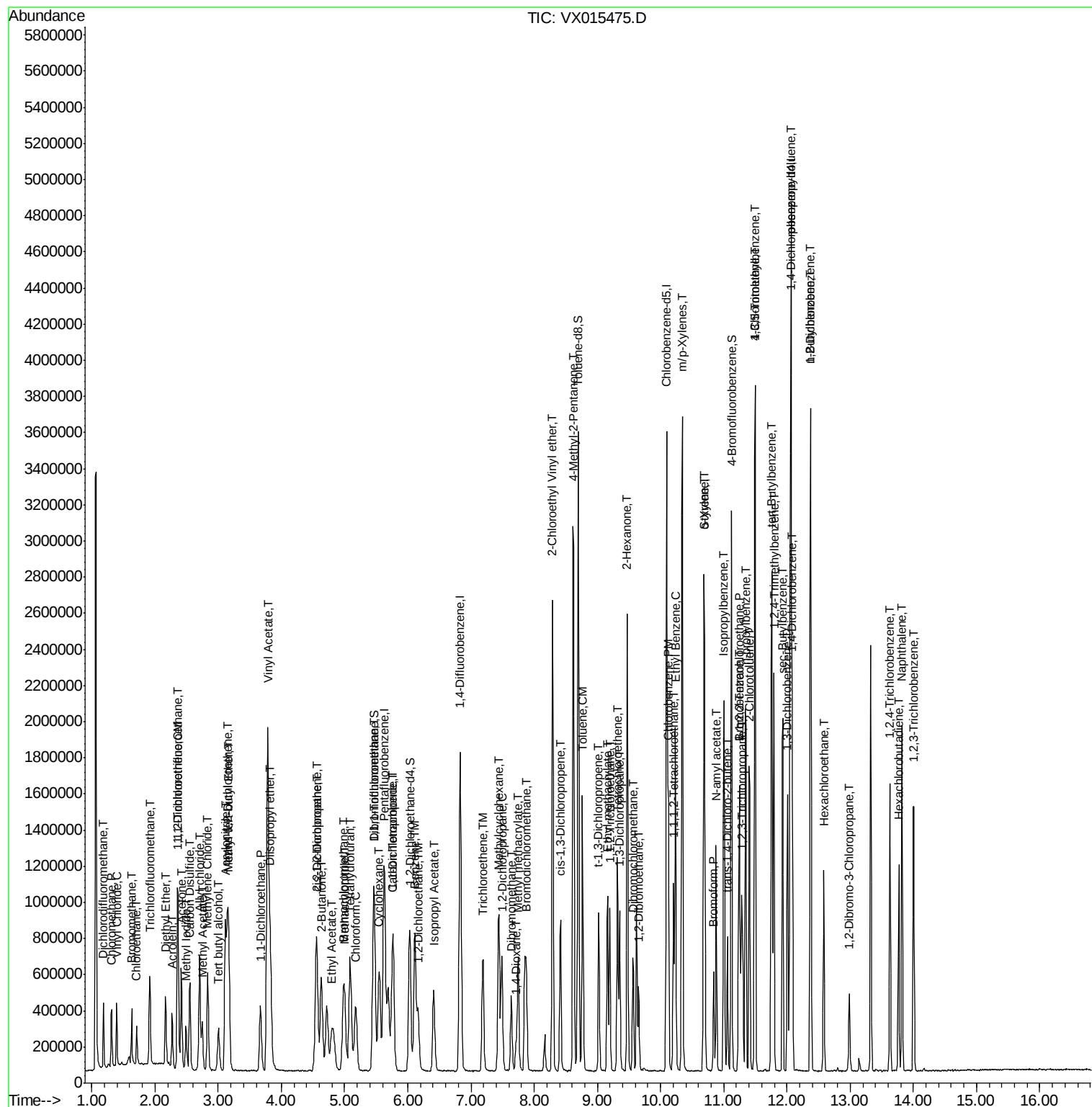
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	364708	18.027	ug/l	97
94) Hexachlorobutadiene	13.77	225	175058	18.174	ug/l	99
95) Naphthalene	13.82	128	1134827	18.389	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	362207	18.595	ug/l	97

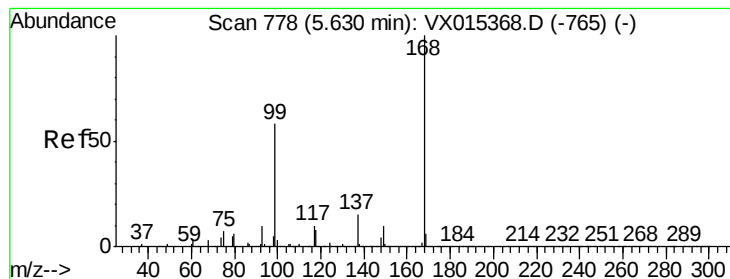
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX040220\
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Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 777

Delta R.T. -0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

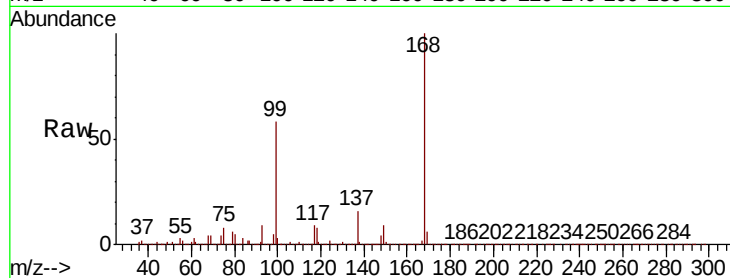
ClientSampleId :

Tot Ion:168 Resp: 1106610

Ion Ratio Lower Upper

168 100

99 57.6 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

400000

300000

200000

100000

0

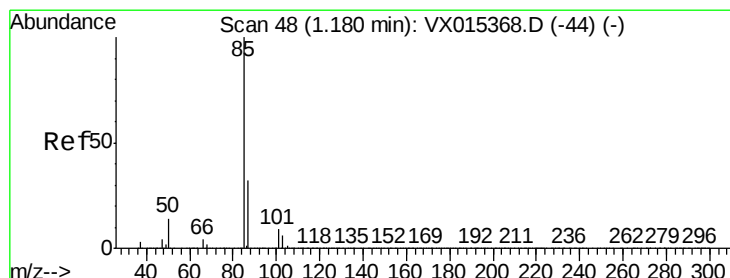
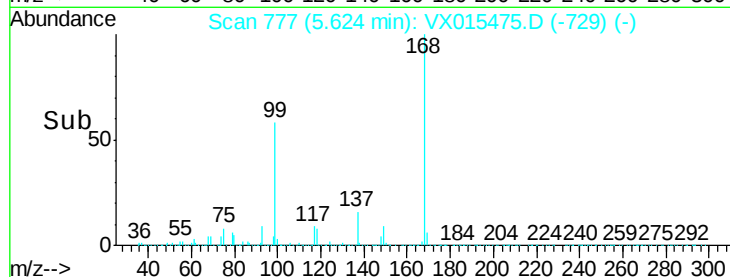
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.292 ug/l

RT: 1.18 min Scan# 48

Delta R.T. 0.00 min

Lab File: VX015475.D

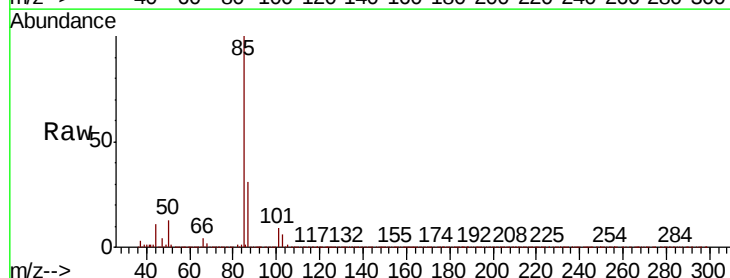
Acq: 02 Apr 2020 12:43

Tgt Ion: 85 Resp: 197835

Ion Ratio Lower Upper

85 100

87 31.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

150000

100000

50000

0

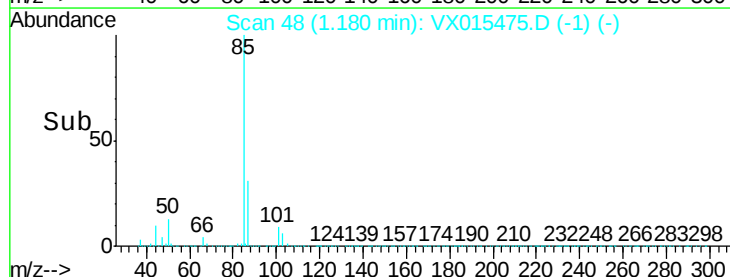
1.10

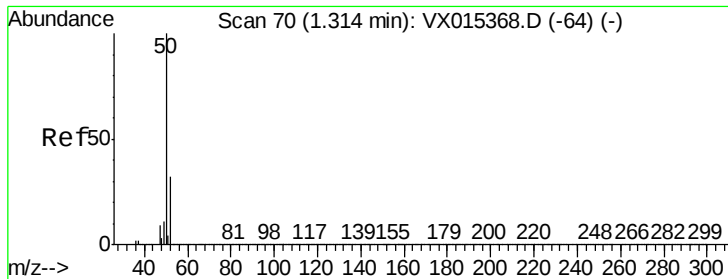
1.15

1.20

1.25

Time-->





#3

Chloromethane

Concen: 17.529 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

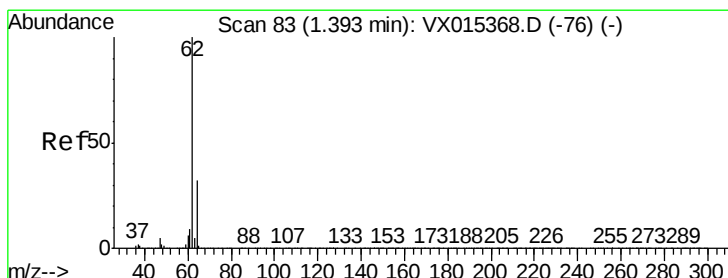
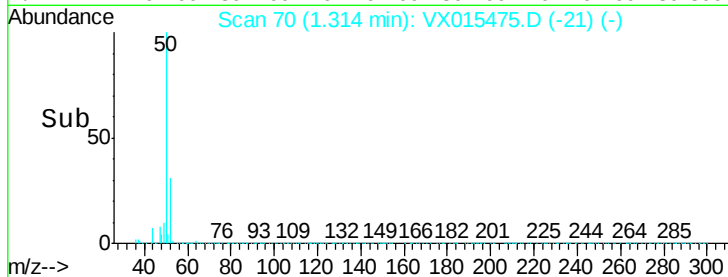
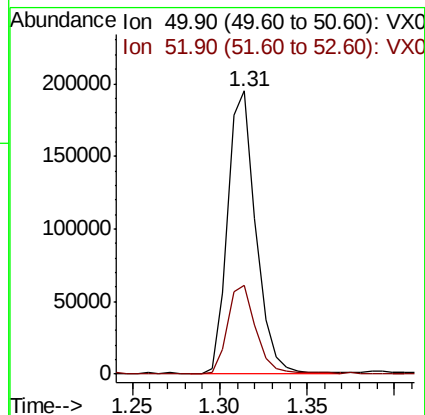
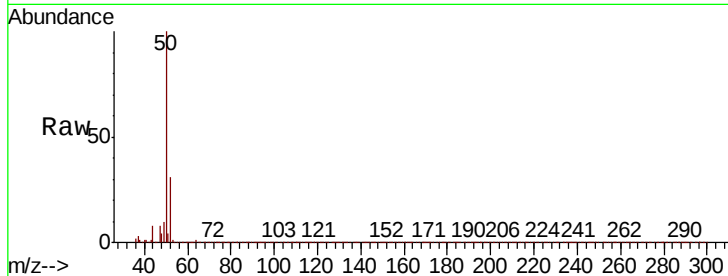
ClientSampleId :

Tot Ion: 50 Resp: 217635

Ion Ratio Lower Upper

50 100

52 31.1 25.3 37.9



#4

Vinyl Chloride

Concen: 17.983 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015475.D

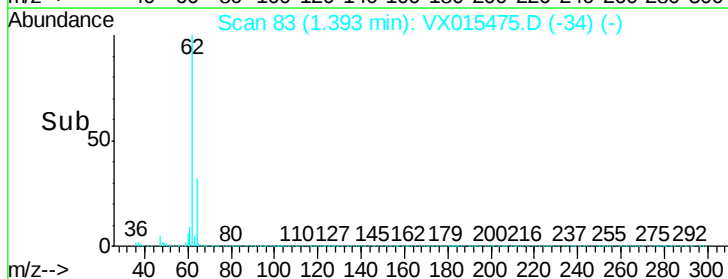
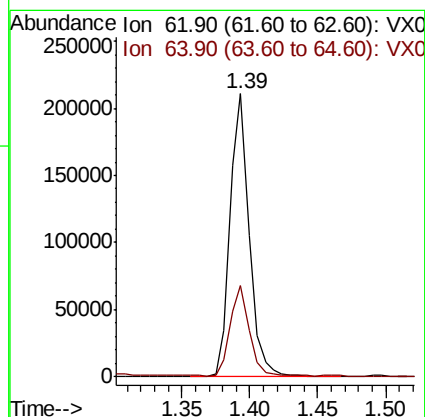
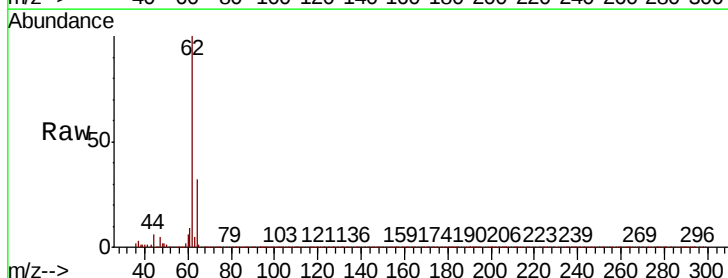
Acq: 02 Apr 2020 12:43

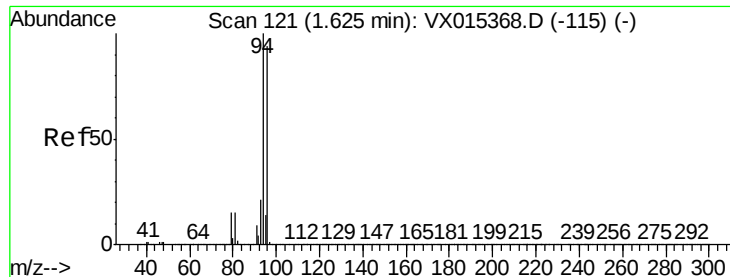
Tgt Ion: 62 Resp: 205016

Ion Ratio Lower Upper

62 100

64 31.8 26.0 39.0





#5

Bromomethane

Concen: 21.190 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

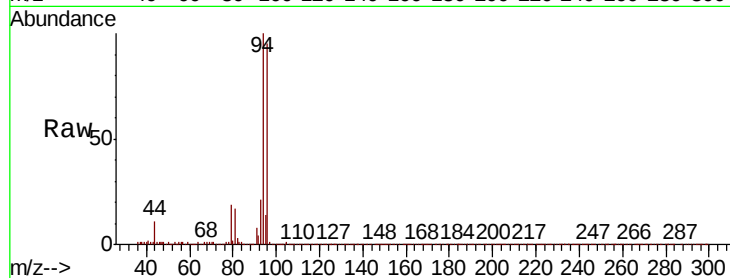
ClientSampleId :

Tot Ion: 94 Resp: 135846

Ion Ratio Lower Upper

94 100

96 95.4 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

120000

100000

80000

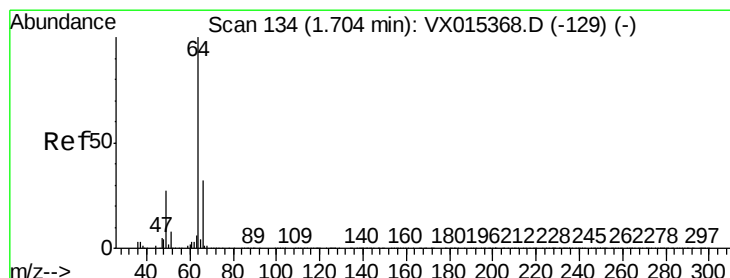
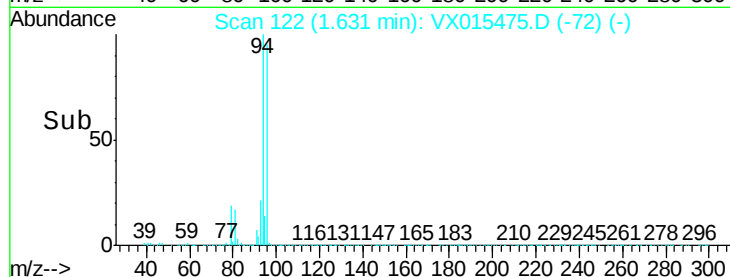
60000

40000

20000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 18.587 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015475.D

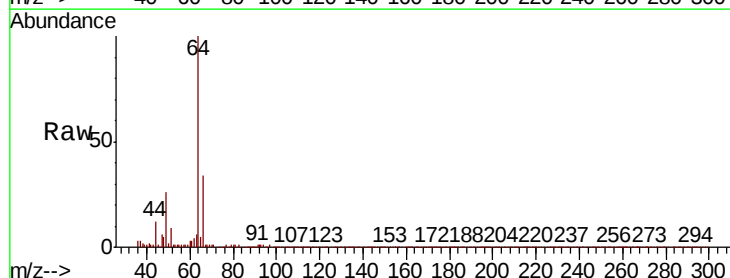
Acq: 02 Apr 2020 12:43

Tgt Ion: 64 Resp: 131418

Ion Ratio Lower Upper

64 100

66 33.5 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

120000

100000

80000

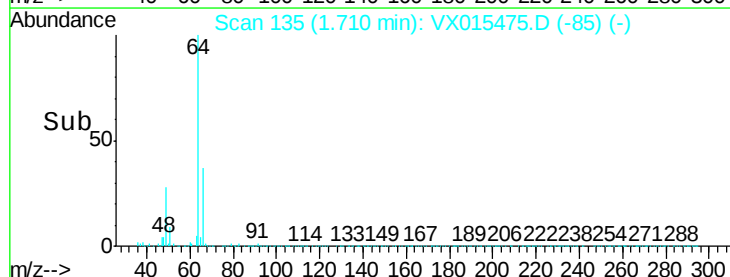
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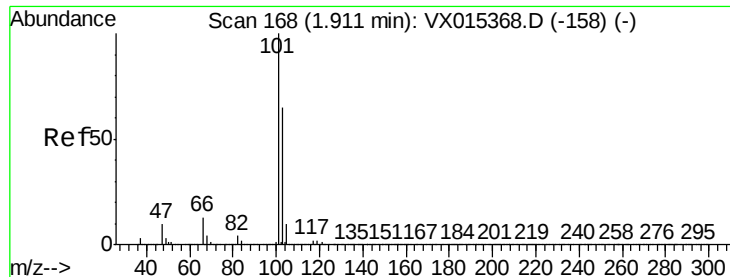
40000

20000

0

Time--> 1.65 1.70 1.75 1.80



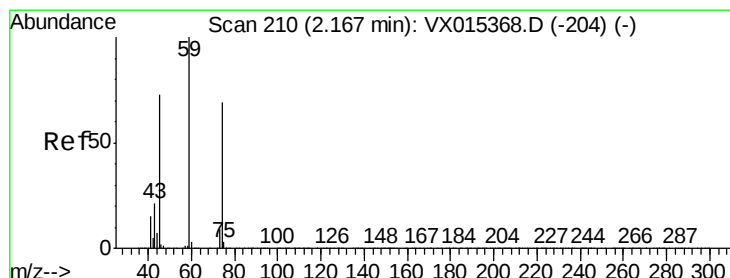
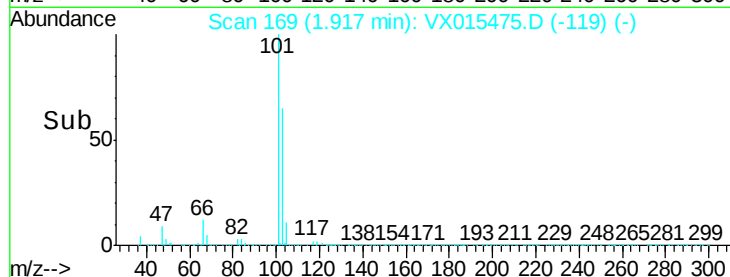
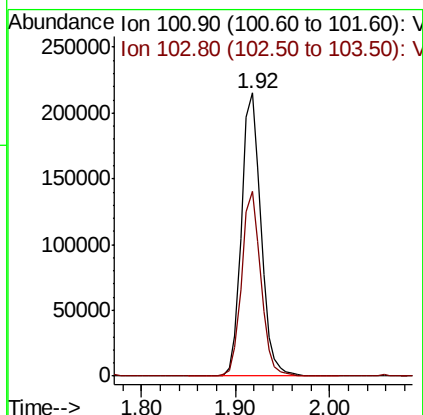
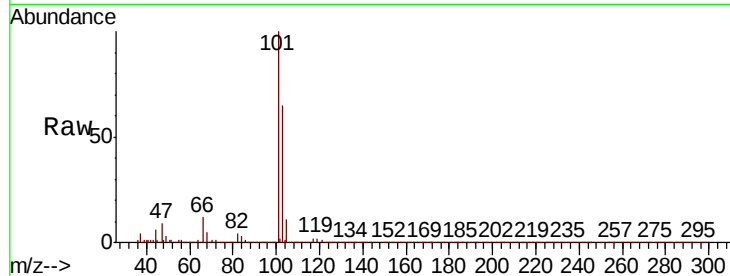


#7

Trichlorofluoromethane
Concen: 20.218 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :

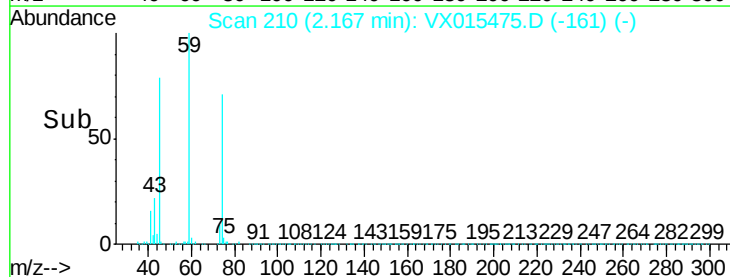
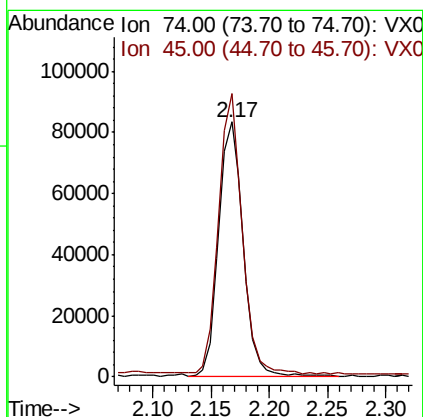
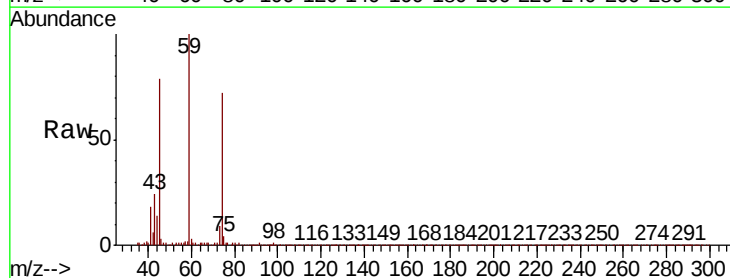
Tot Ion:101 Resp: 309117
Ion Ratio Lower Upper
101 100
103 65.3 52.3 78.5

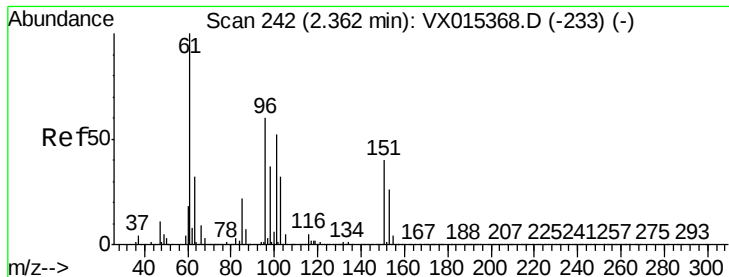


#8

Diethyl Ether
Concen: 18.677 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Tgt Ion: 74 Resp: 120444
Ion Ratio Lower Upper
74 100
45 106.6 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.218 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

ClientSampled :

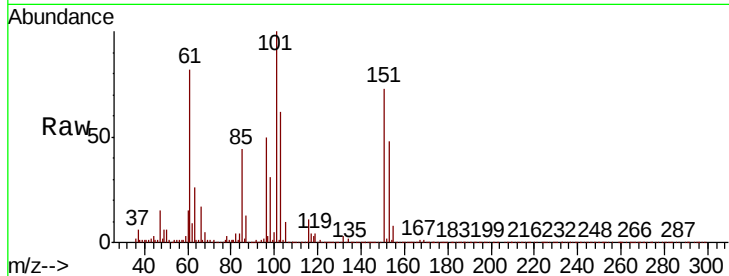
Tot Ion:101 Resp: 201510

Ion Ratio Lower Upper

101 100

85 44.8 35.0 52.4

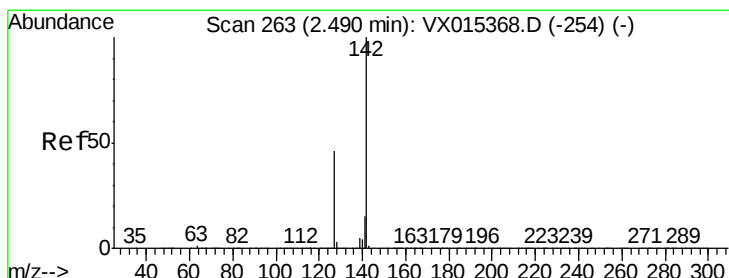
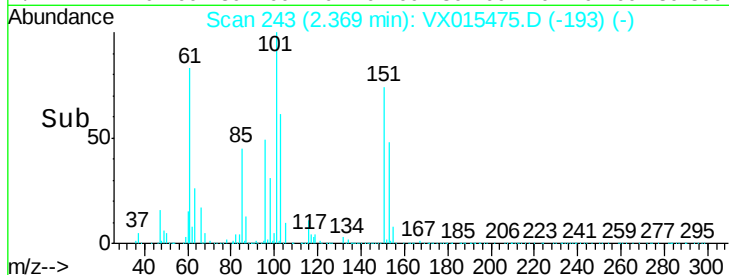
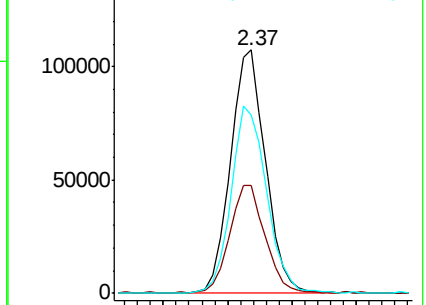
151 78.4 64.1 96.1



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: 17.398 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

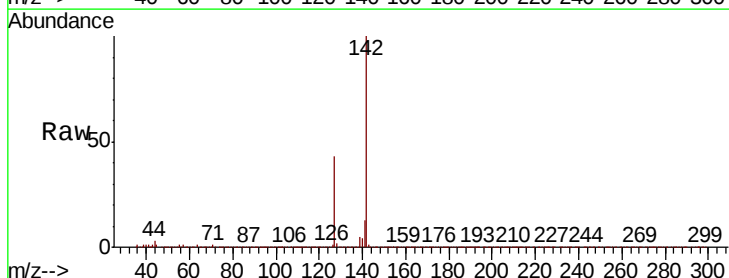
Tgt Ion:142 Resp: 233789

Ion Ratio Lower Upper

142 100

127 44.3 35.9 53.9

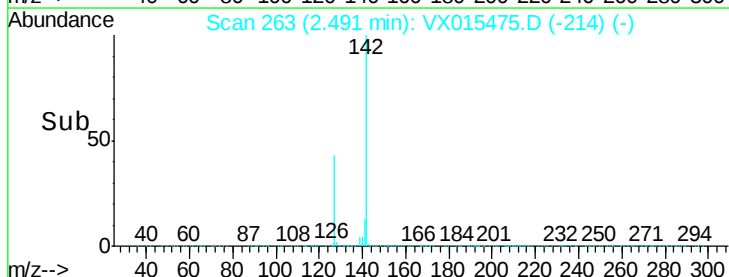
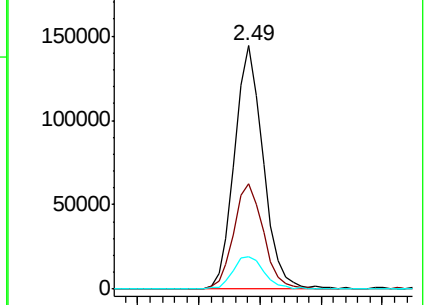
141 14.8 11.6 17.4

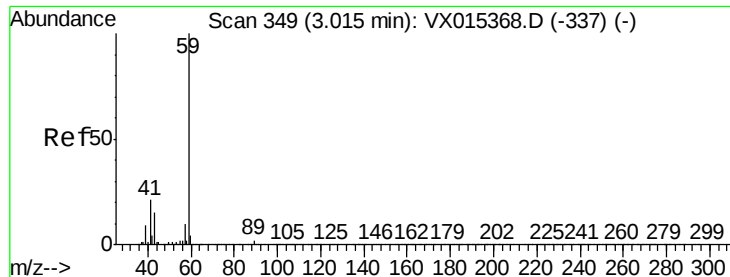


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



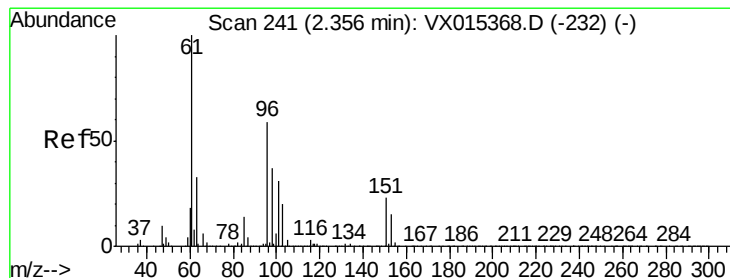
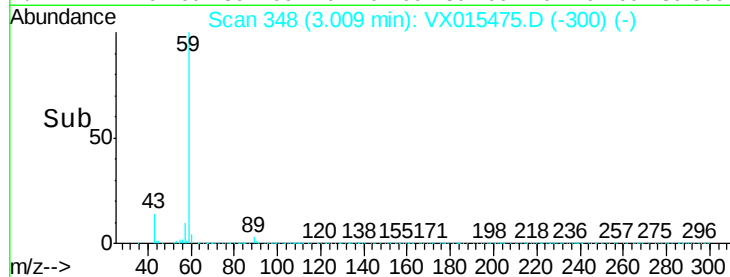
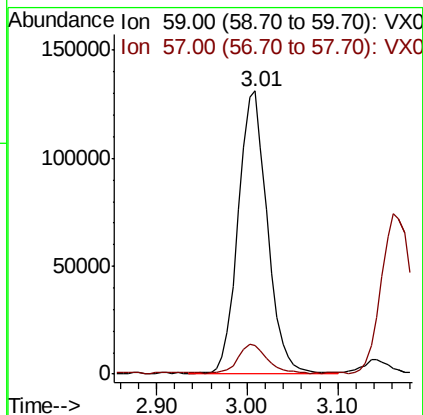
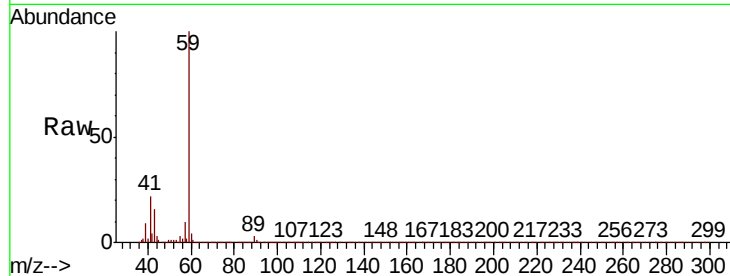


#11

Tert butyl alcohol
Concen: 77.814 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Instrument :
MSVOA_X
ClientSampled :

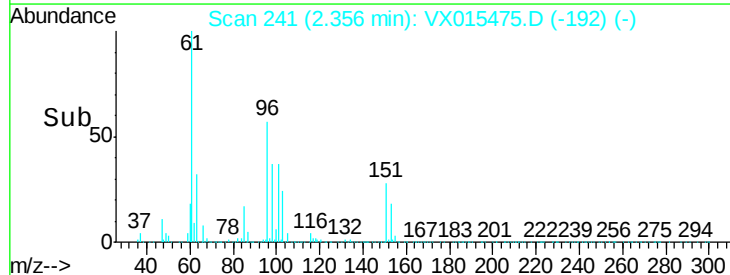
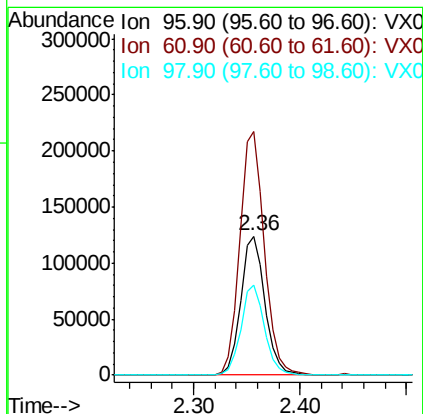
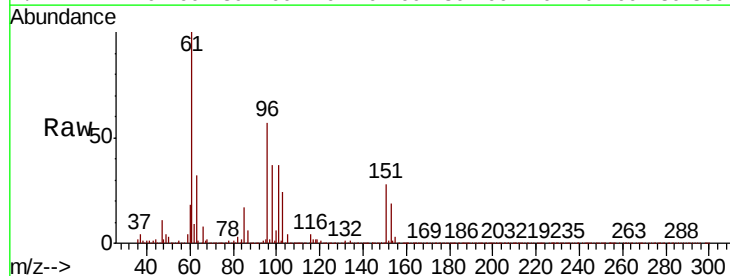
Tot Ion: 59 Resp: 290695
Ion Ratio Lower Upper
59 100
57 10.4 8.1 12.1

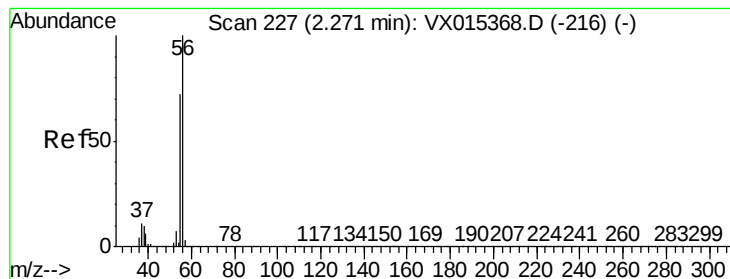


#12

1,1-Dichloroethene
Concen: 18.827 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Tgt Ion: 96 Resp: 196692
Ion Ratio Lower Upper
96 100
61 174.9 135.7 203.5
98 64.5 50.6 75.8





#13

Acrolein

Concen: 98.106 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

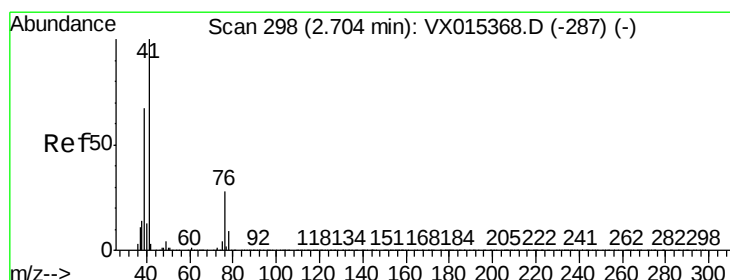
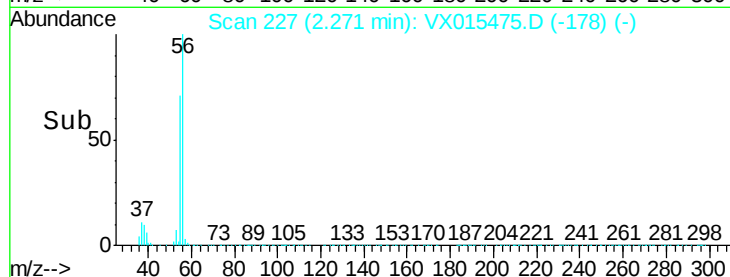
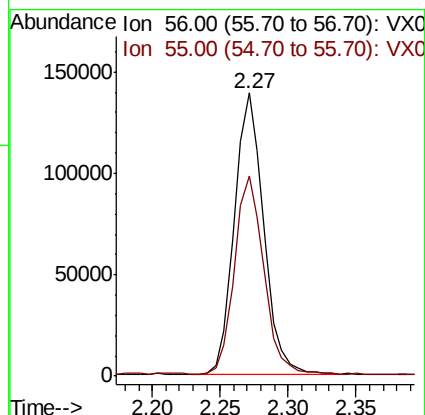
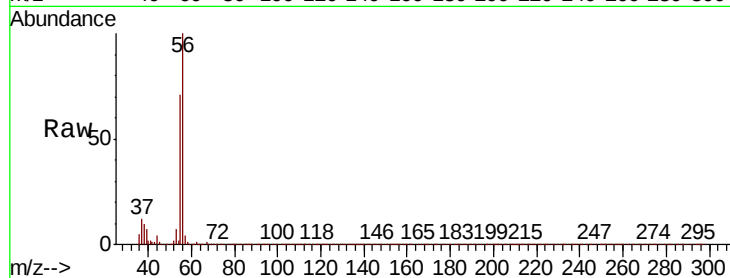
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 208774

Ion Ratio Lower Upper

56 100

55 71.0 57.0 85.4



#14

Allyl chloride

Concen: 18.431 ug/l

RT: 2.70 min Scan# 298

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

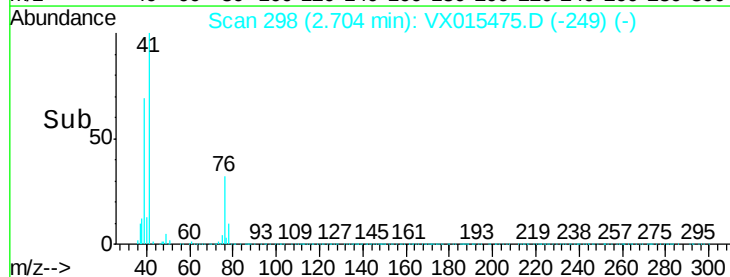
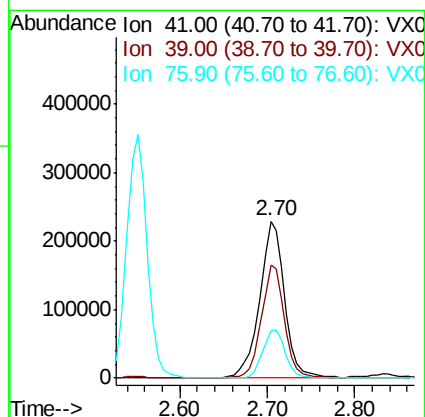
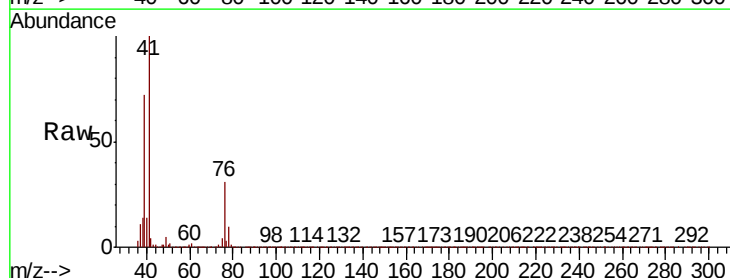
Tgt Ion: 41 Resp: 449921

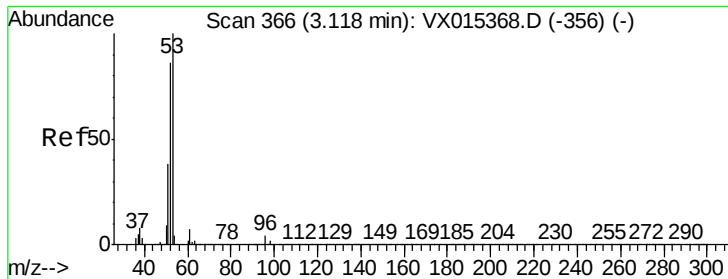
Ion Ratio Lower Upper

41 100

39 66.6 51.4 77.0

76 28.4 21.8 32.8





#15

Acrylonitrile

Concen: 89.624 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

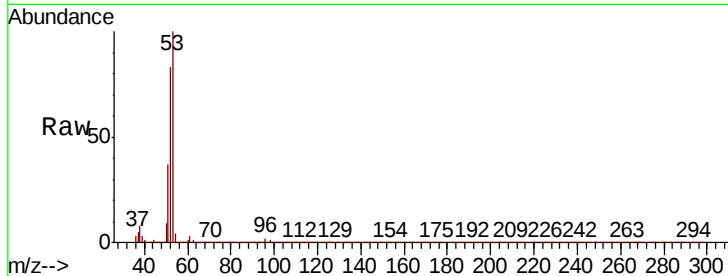
Tot Ion: 53 Resp: 638513

Ion Ratio Lower Upper

53 100

52 83.7 66.8 100.2

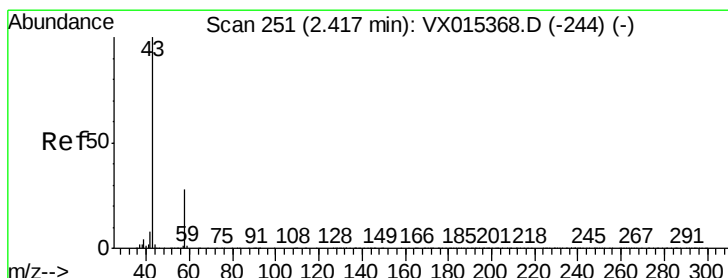
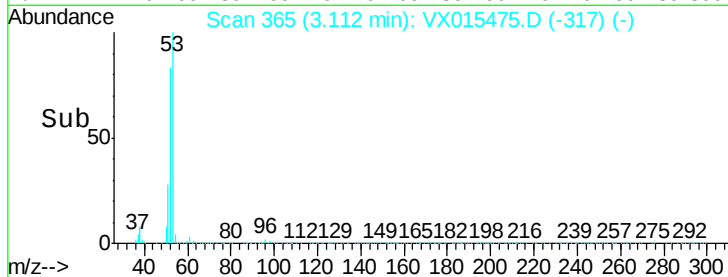
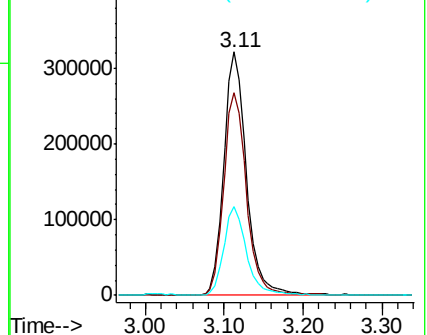
51 36.6 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 88.112 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015475.D

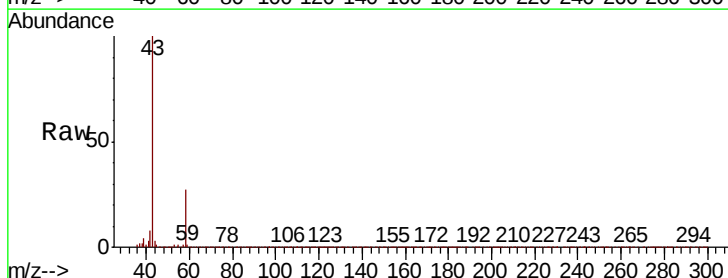
Acq: 02 Apr 2020 12:43

Tgt Ion: 43 Resp: 590823

Ion Ratio Lower Upper

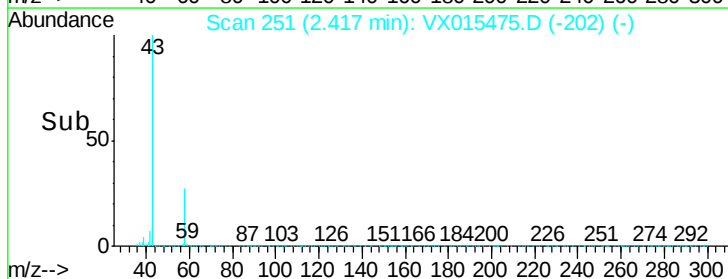
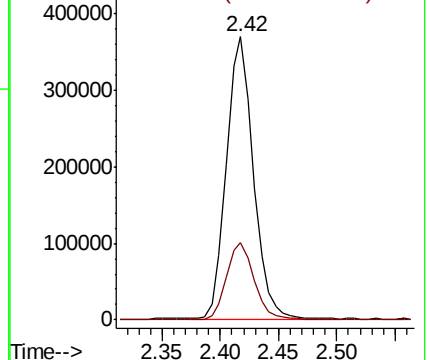
43 100

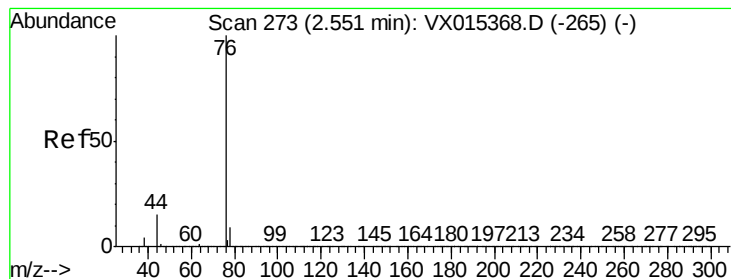
58 27.3 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.212 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

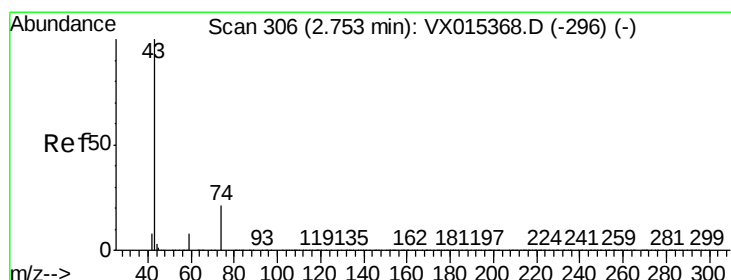
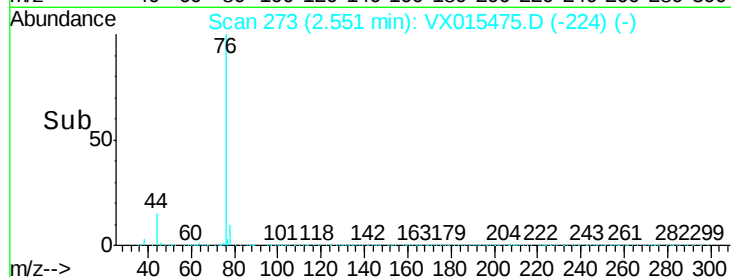
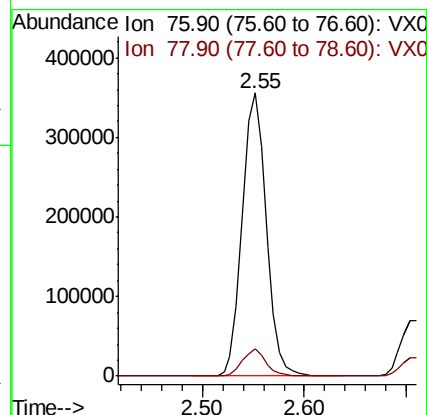
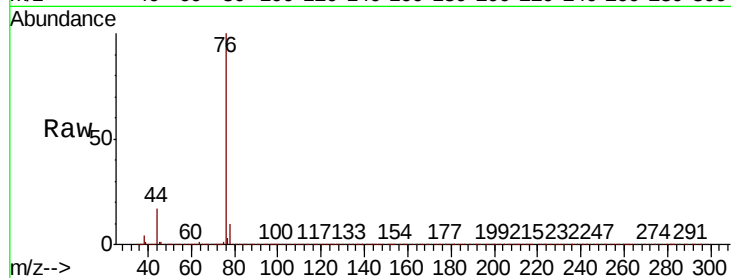
ClientSampleId :

Tot Ion: 76 Resp: 580450

Ion Ratio Lower Upper

76 100

78 9.6 7.1 10.7



#18

Methyl Acetate

Concen: 18.080 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015475.D

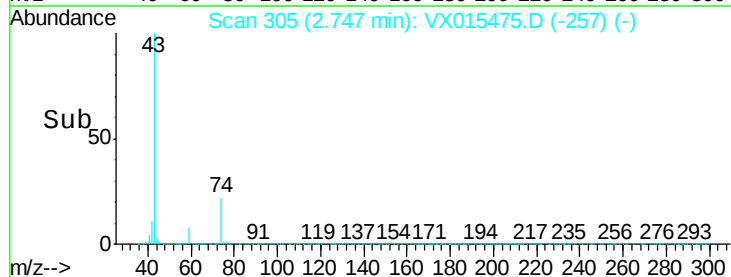
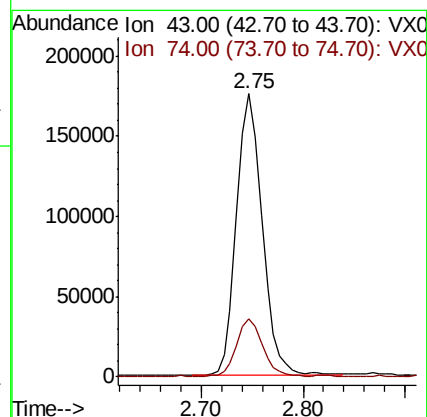
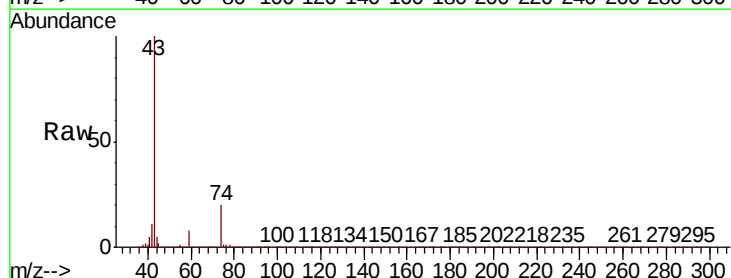
Acq: 02 Apr 2020 12:43

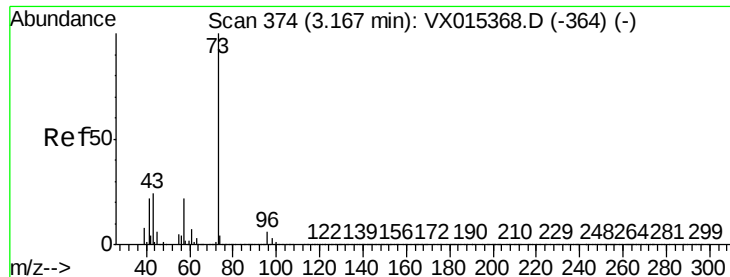
Tgt Ion: 43 Resp: 309420

Ion Ratio Lower Upper

43 100

74 20.1 16.5 24.7



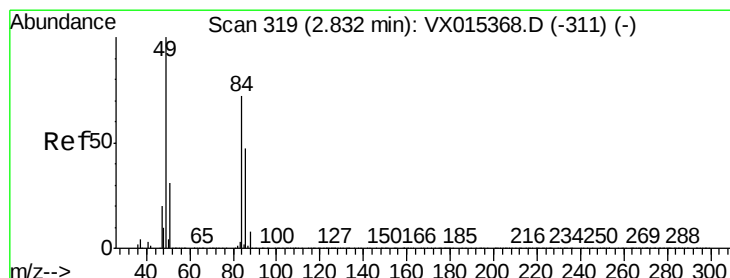
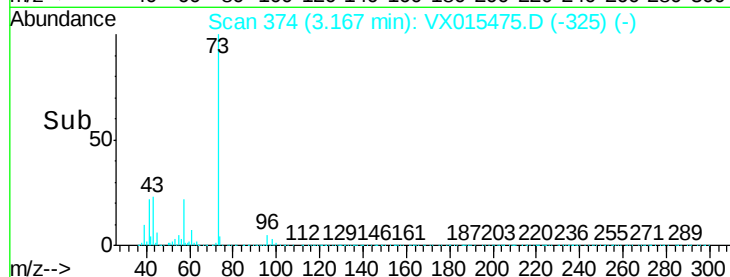
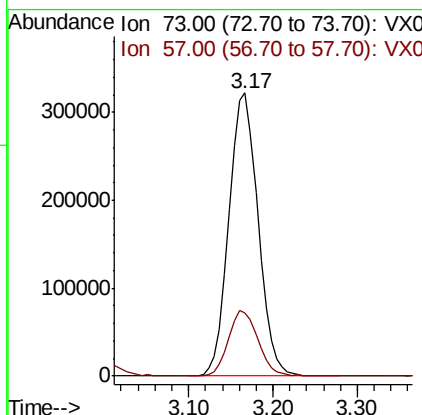
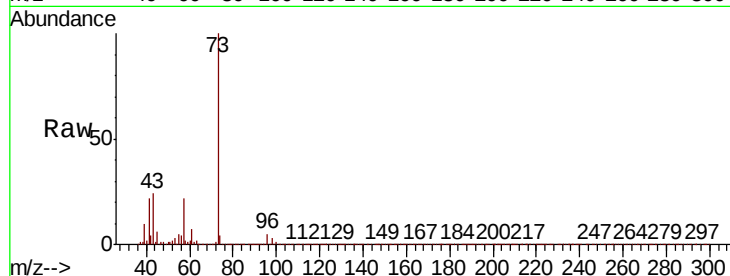


#19

Methyl tert-butyl Ether
 Concen: 18.659 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VX015475.D
 Acq: 02 Apr 2020 12:43

Instrument :
 MSVOA_X
 ClientSampleId :

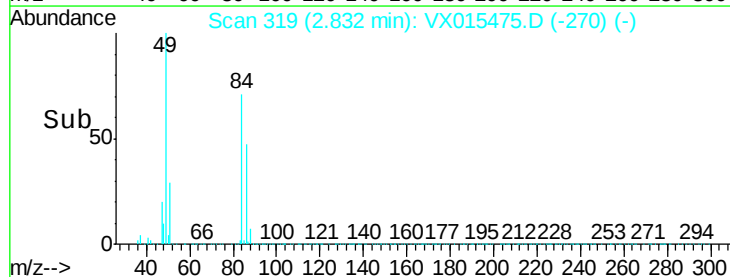
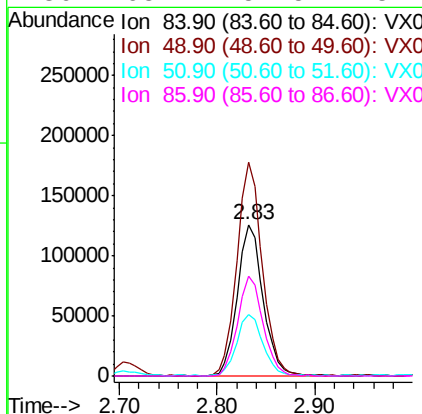
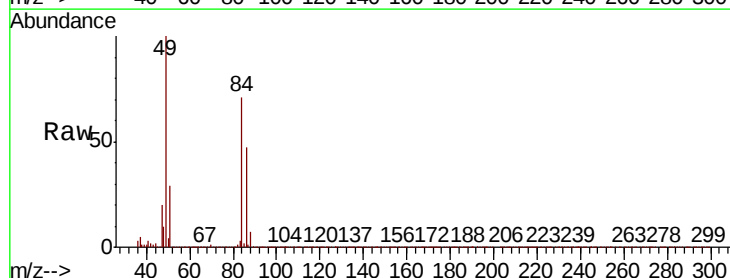
Tot Ion: 73 Resp: 756049
 Ion Ratio Lower Upper
 73 100
 57 22.3 17.9 26.9

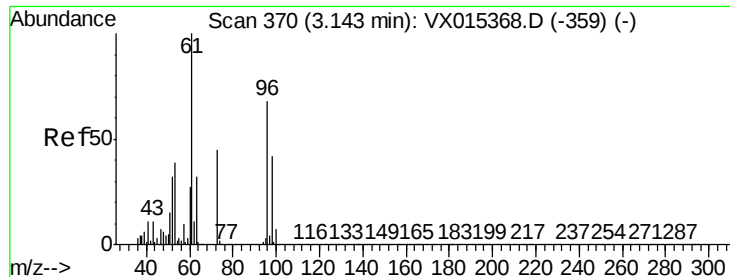


#20

Methylene Chloride
 Concen: 18.270 ug/l
 RT: 2.83 min Scan# 319
 Delta R.T. 0.00 min
 Lab File: VX015475.D
 Acq: 02 Apr 2020 12:43

Tgt Ion: 84 Resp: 228821
 Ion Ratio Lower Upper
 84 100
 49 140.9 111.3 166.9
 51 40.4 34.0 51.0
 86 65.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.234 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

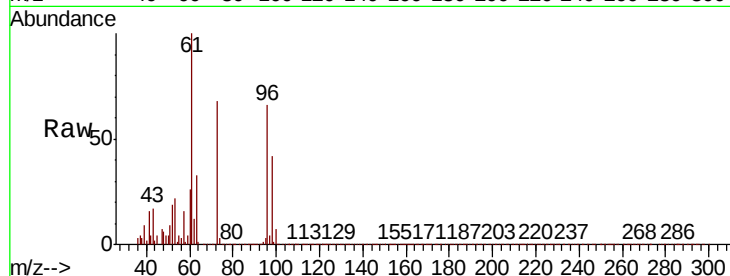
Tot Ion: 96 Resp: 211424

Ion Ratio Lower Upper

96 100

61 151.3 116.9 175.3

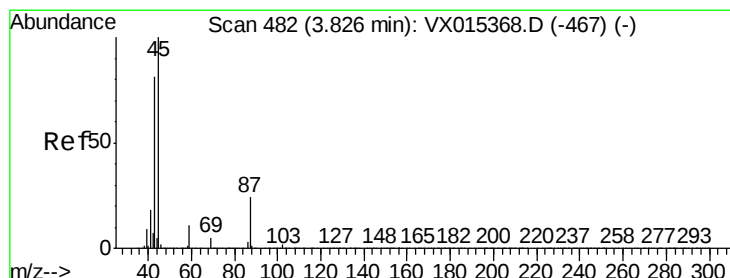
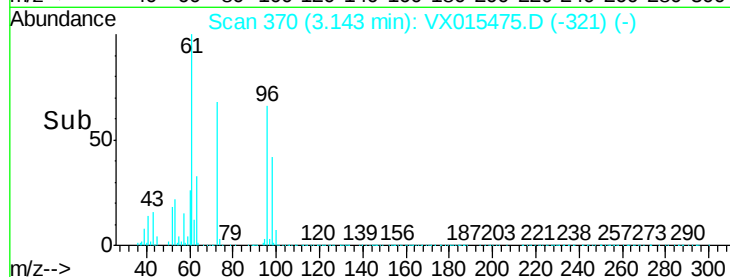
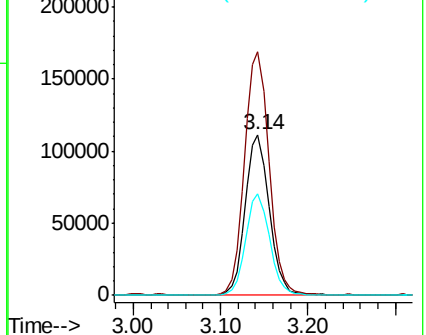
98 63.0 48.6 73.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.343 ug/l

RT: 3.82 min Scan# 481

Delta R.T. -0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Tgt Ion: 45 Resp: 836734

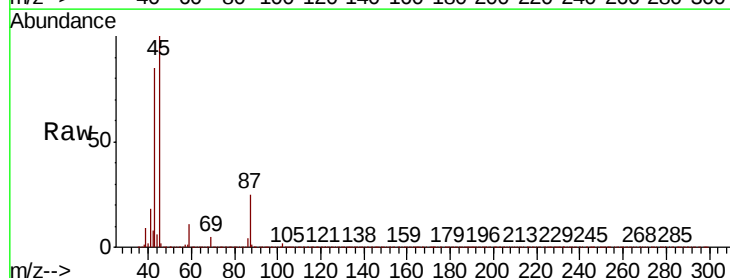
Ion Ratio Lower Upper

45 100

43 85.2 64.7 97.1

87 24.5 19.4 29.0

59 11.2 8.7 13.1

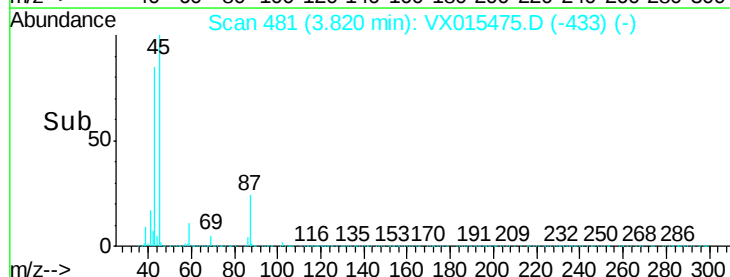
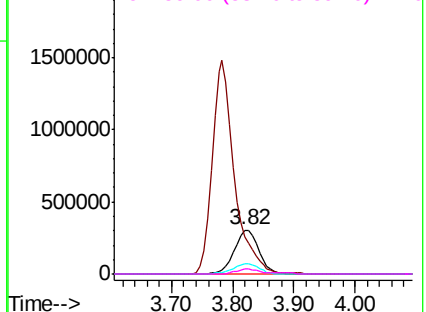


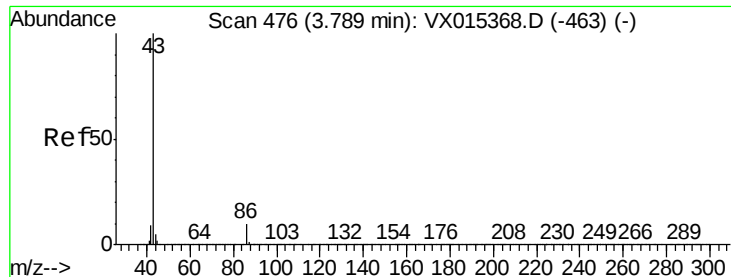
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 96.329 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

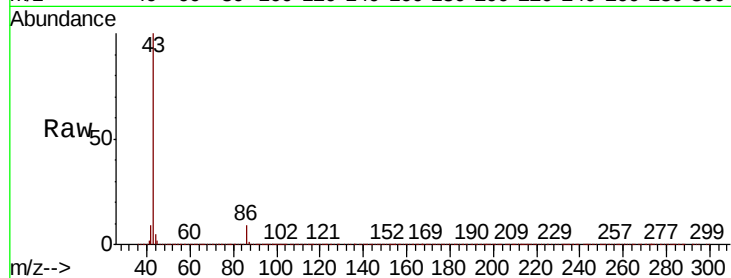
ClientSampleId :

Tot Ion: 43 Resp: 3772753

Ion Ratio Lower Upper

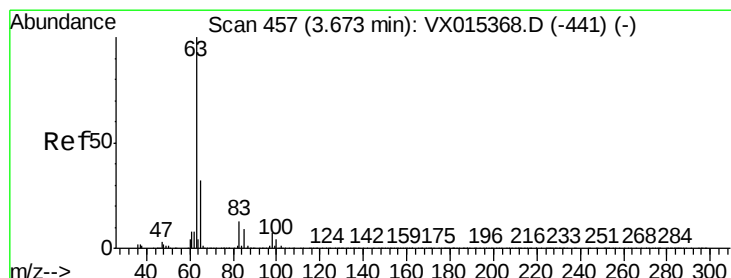
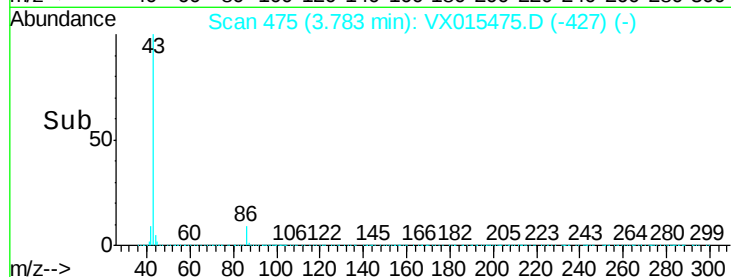
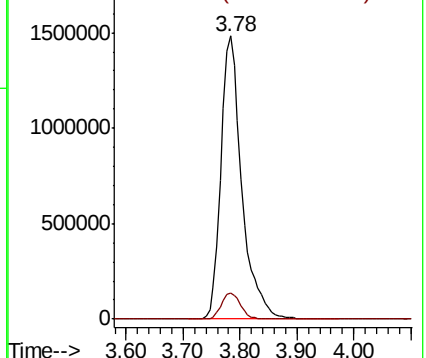
43 100

86 9.2 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.464 ug/l

RT: 3.67 min Scan# 456

Delta R.T. -0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

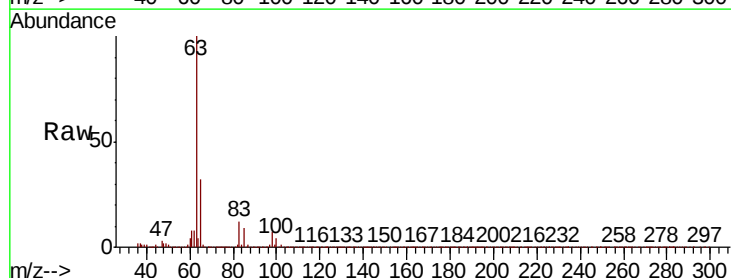
Tgt Ion: 63 Resp: 420519

Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.8

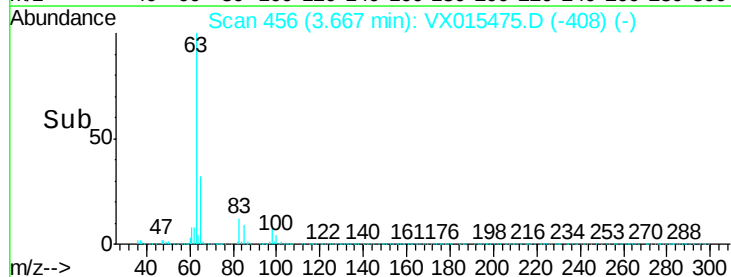
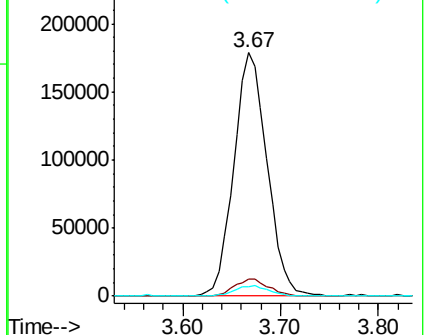
100 3.9 2.1 6.5

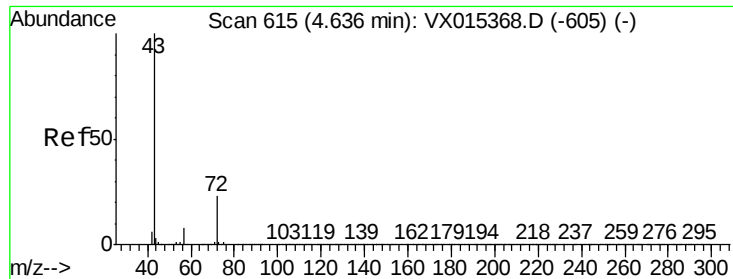


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 86.195 ug/l

RT: 4.63 min Scan# 614

Delta R.T. -0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

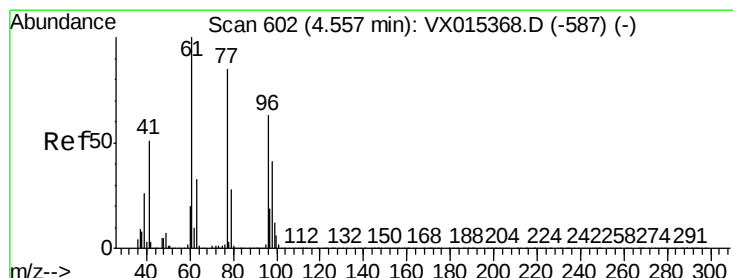
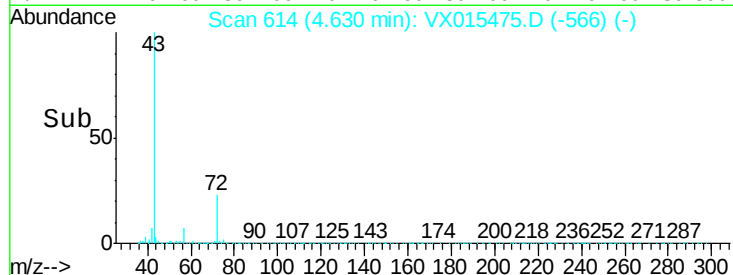
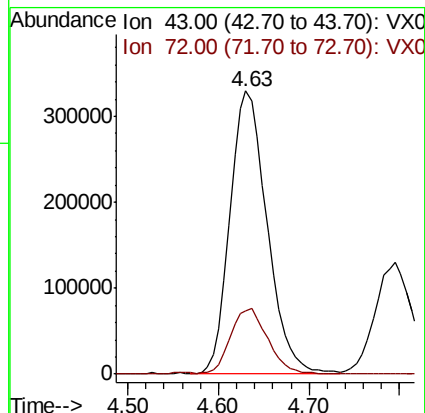
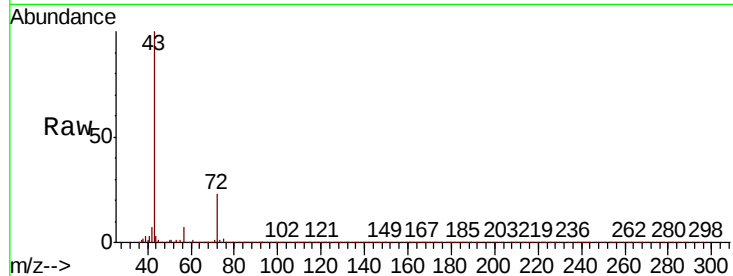
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 929494

Ion Ratio Lower Upper

43 100

72 22.4 19.0 28.4



#26

2,2-Dichloropropane

Concen: 20.133 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015475.D

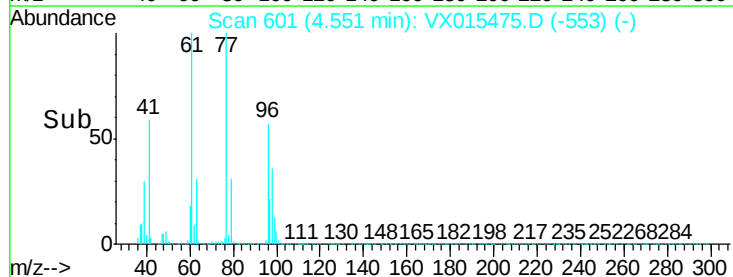
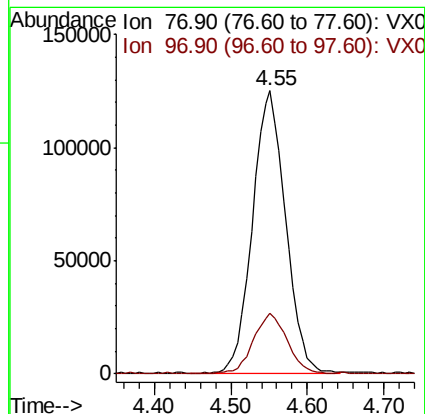
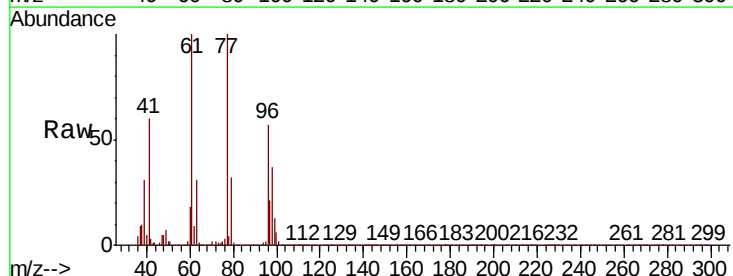
Acq: 02 Apr 2020 12:43

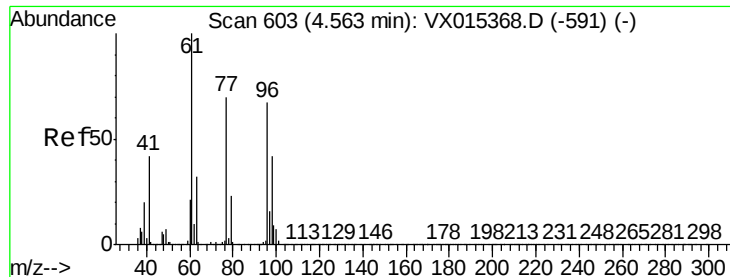
Tgt Ion: 77 Resp: 376371

Ion Ratio Lower Upper

77 100

97 21.5 11.3 33.8



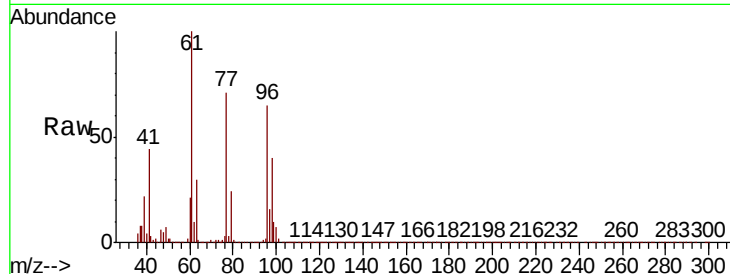


#27

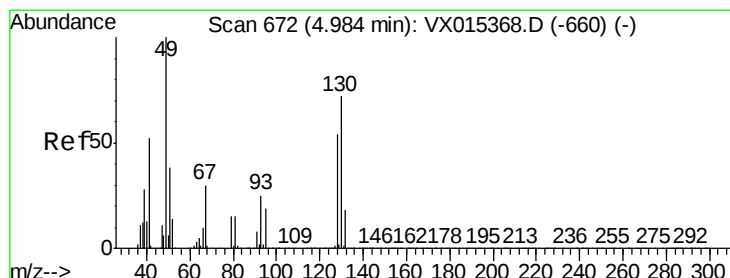
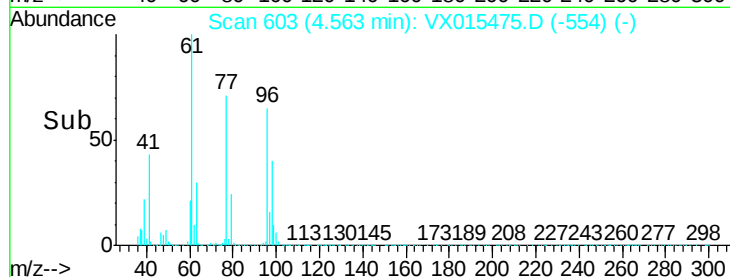
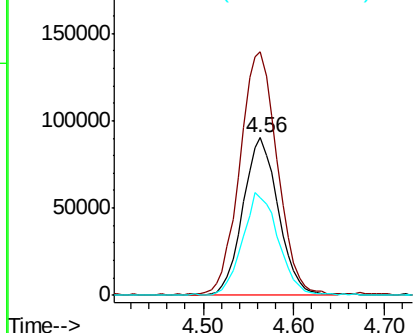
cis-1,2-Dichloroethene
Concen: 18.133 ug/l
RT: 4.56 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	164.2	0.0	308.4
98	65.3	0.0	129.2



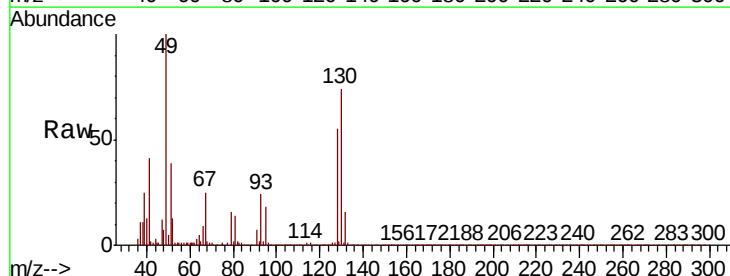
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



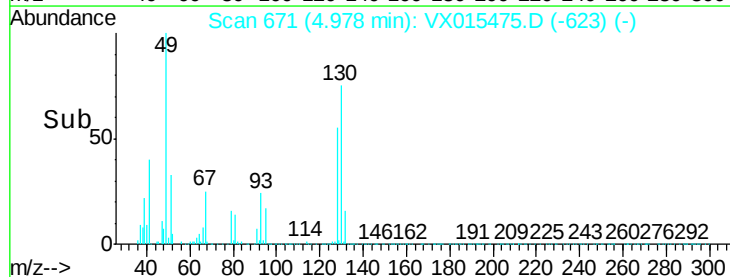
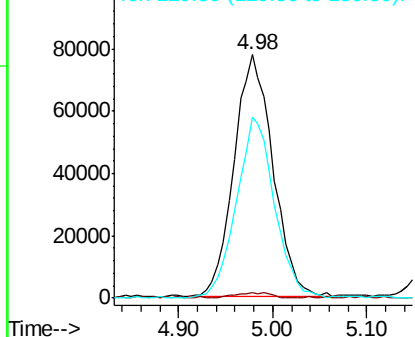
#28

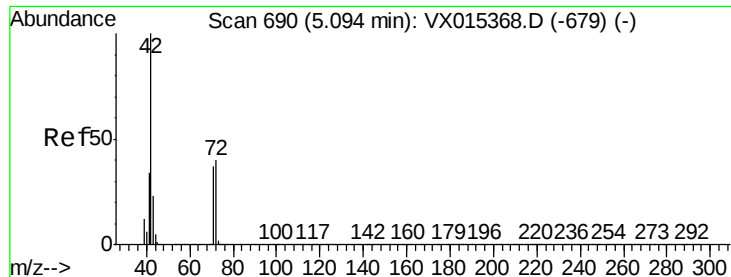
Bromochloromethane
Concen: 20.703 ug/l
RT: 4.98 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	72.7	57.7	86.5



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: 87.135 ug/l

RT: 5.09 min Scan# 689

Delta R.T. -0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

ClientSampled :

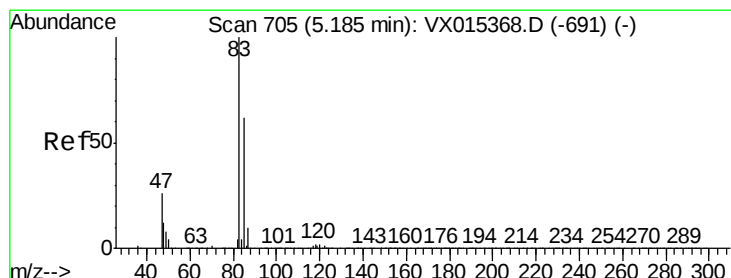
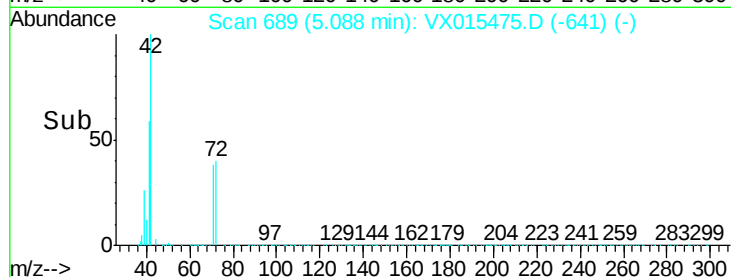
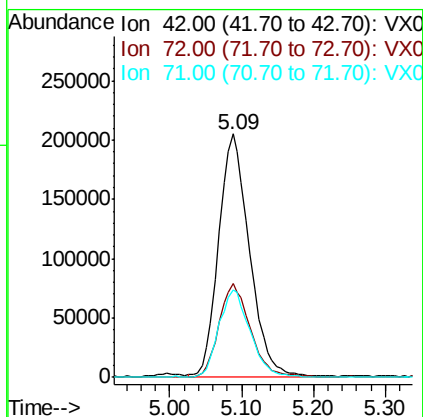
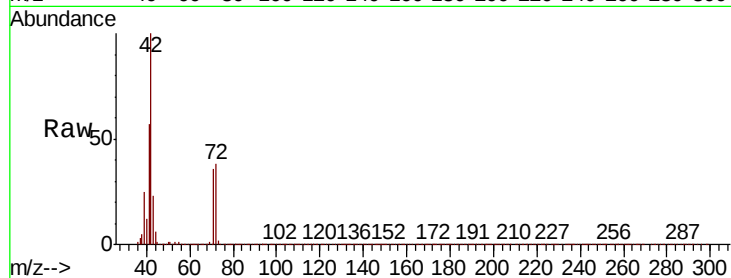
Tot Ion: 42 Resp: 604065

Ion Ratio Lower Upper

42 100

72 39.5 31.7 47.5

71 36.3 29.6 44.4



#30

Chloroform

Concen: 18.800 ug/l

RT: 5.17 min Scan# 703

Delta R.T. -0.01 min

Lab File: VX015475.D

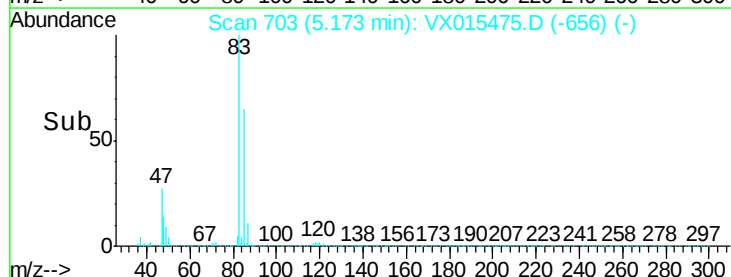
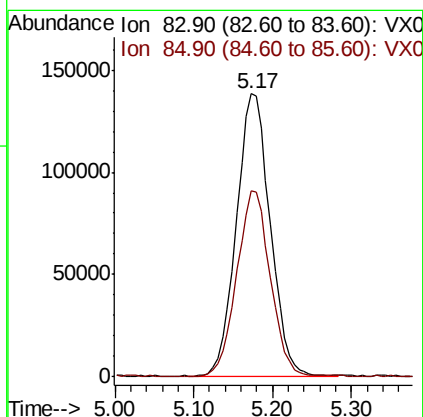
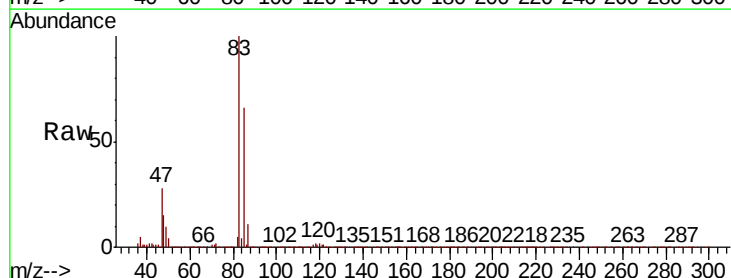
Acq: 02 Apr 2020 12:43

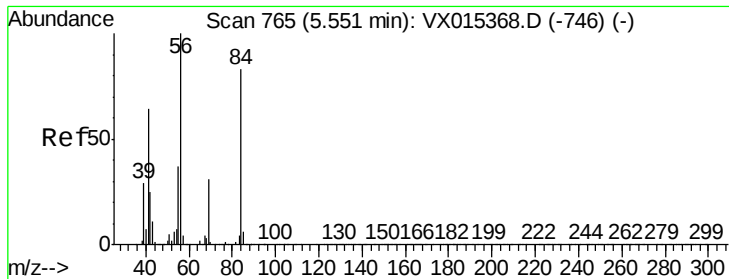
Tgt Ion: 83 Resp: 411940

Ion Ratio Lower Upper

83 100

85 65.7 49.5 74.3

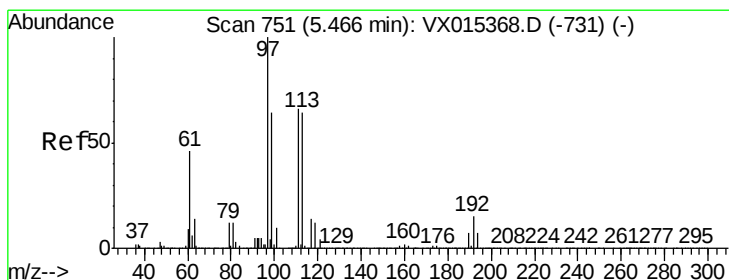
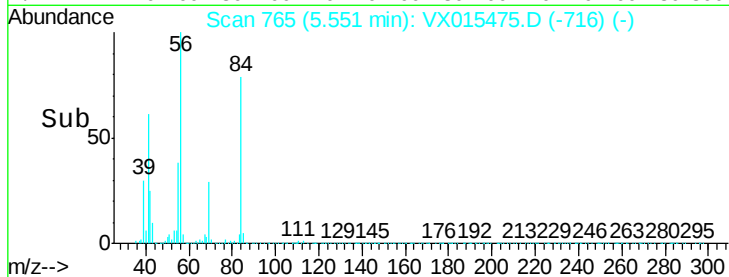
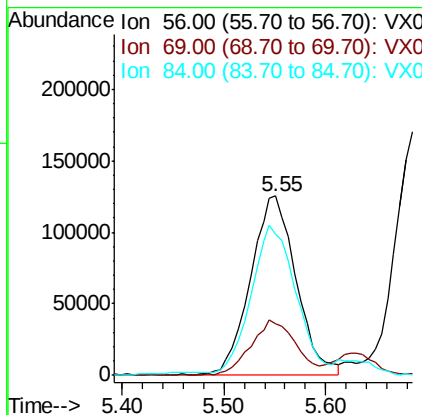
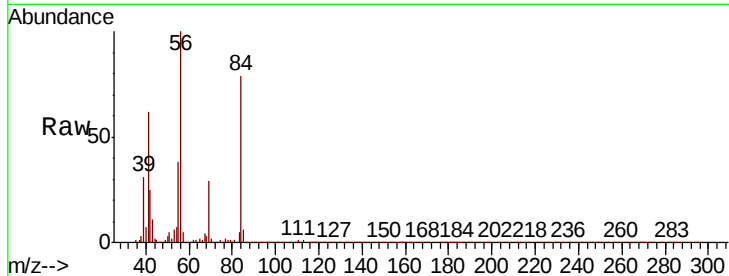




#31
Cyclohexane
Concen: 19.438 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

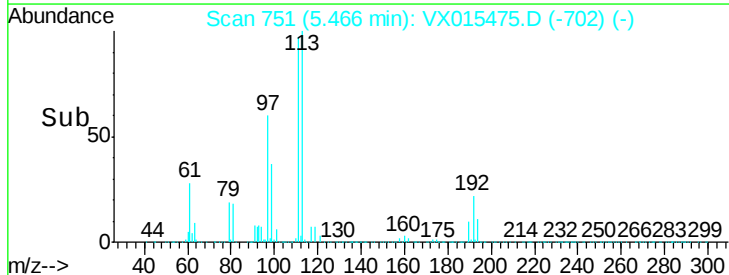
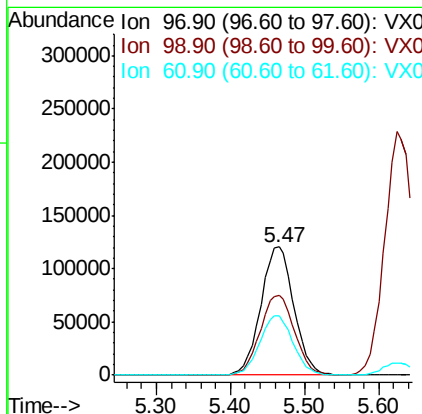
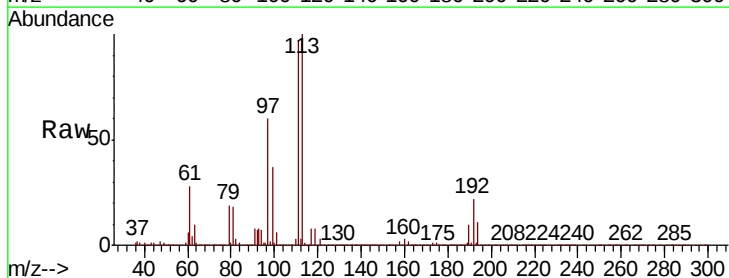
Instrument :
MSVOA_X
ClientSampled :

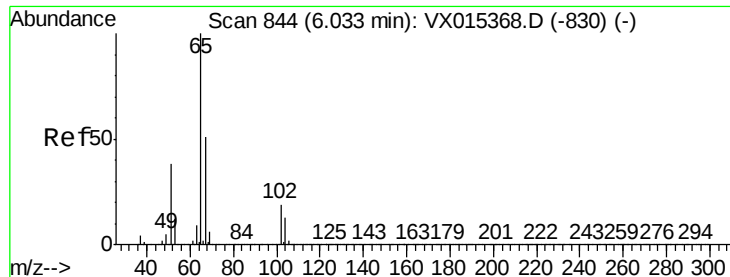
Tot Ion: 56 Resp: 384060
Ion Ratio Lower Upper
56 100
69 28.8 24.6 36.8
84 77.9 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 18.712 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Tgt Ion: 97 Resp: 371065
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.4
61 46.4 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 49.024 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

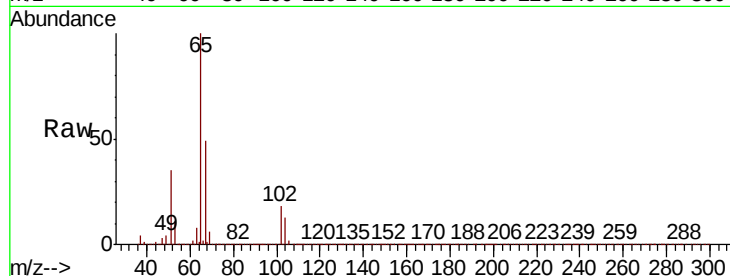
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 65 Resp: 765150

Ion Ratio Lower Upper

65 100

67 50.4 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

300000

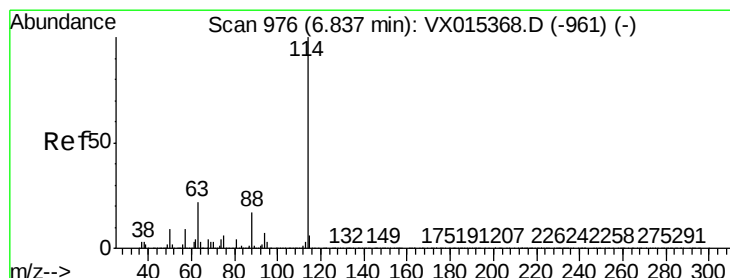
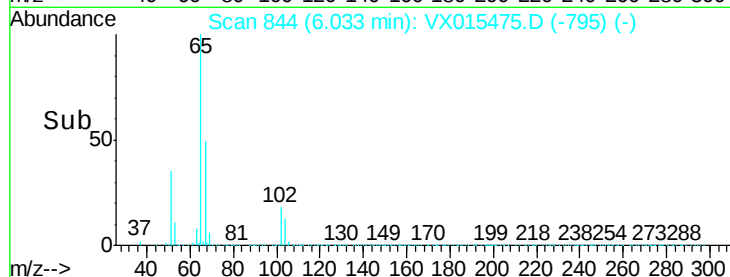
200000

100000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

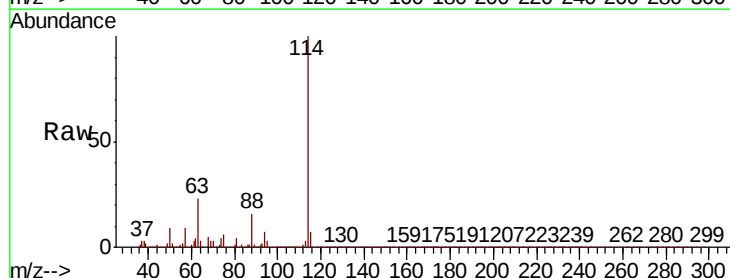
Tgt Ion: 114 Resp: 1733504

Ion Ratio Lower Upper

114 100

63 23.1 0.0 44.2

88 16.3 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

1000000

800000

600000

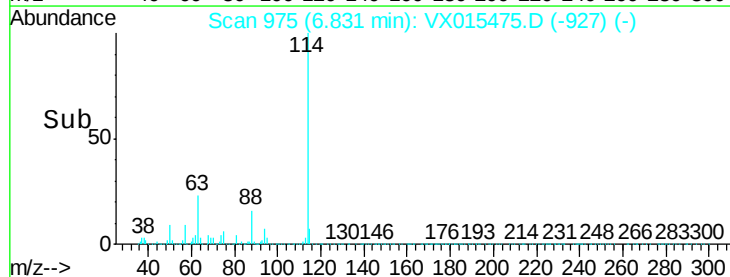
400000

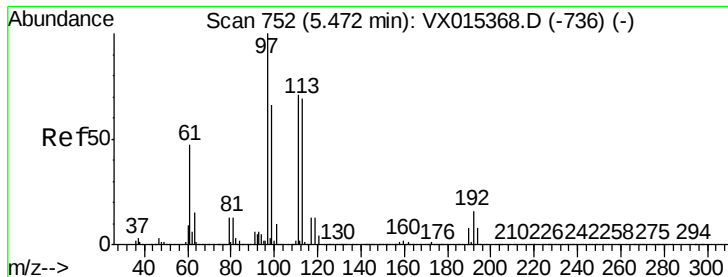
200000

0

Time-->

6.70 6.80 6.90 7.00

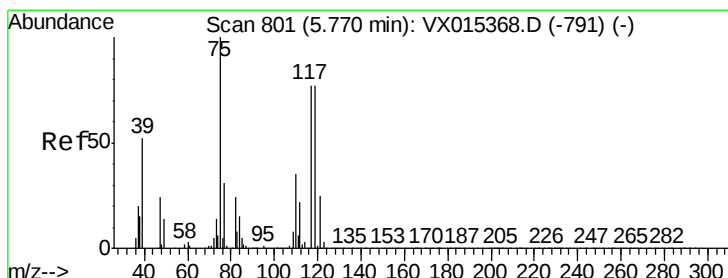
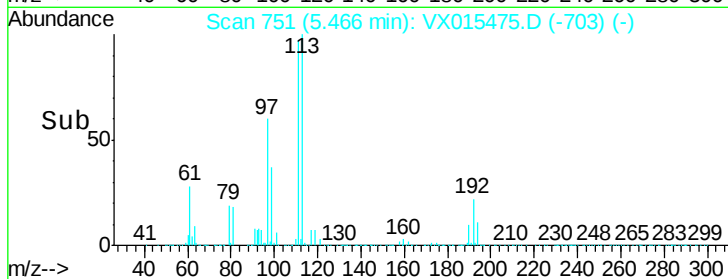
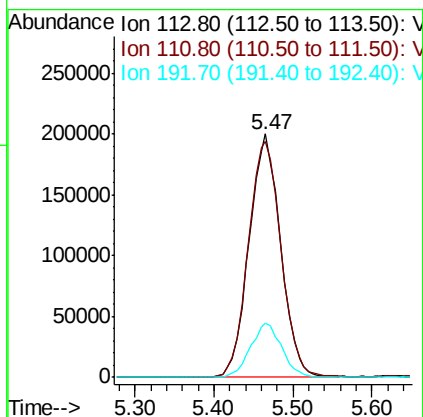
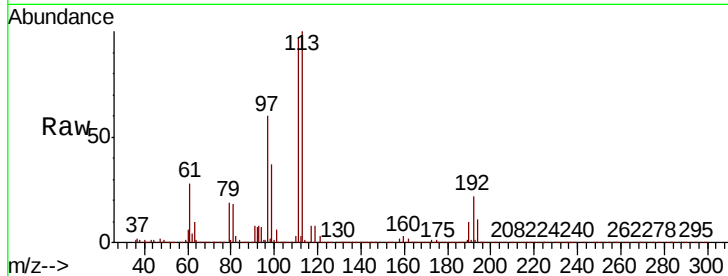




#35
 Dibromofluoromethane
 Concen: 50.115 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015475.D
 Acq: 02 Apr 2020 12:43

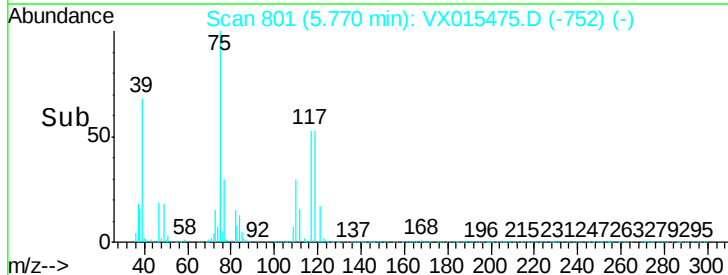
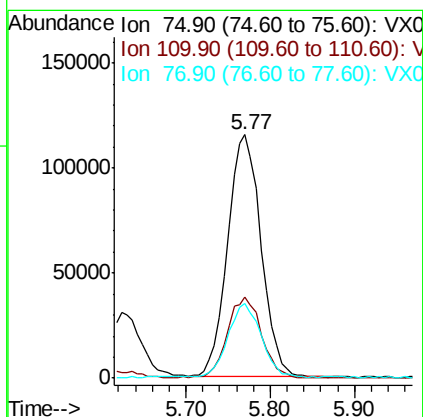
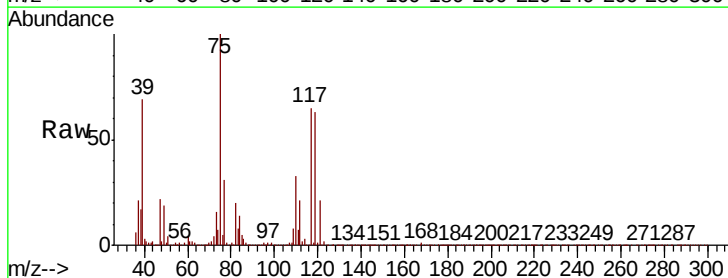
Instrument :
 MSVOA_X
 ClientSampleId :

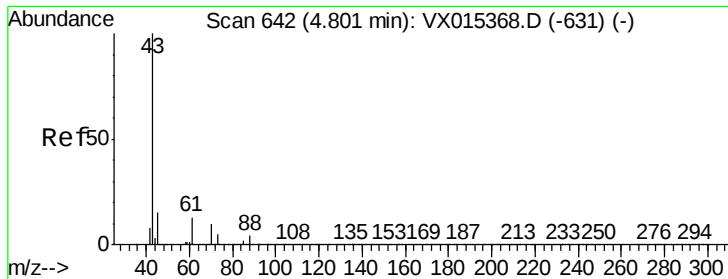
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.5	122.3
192	22.1	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 19.488 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: VX015475.D
 Acq: 02 Apr 2020 12:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.5	17.1	51.3
77	30.2	24.6	36.8

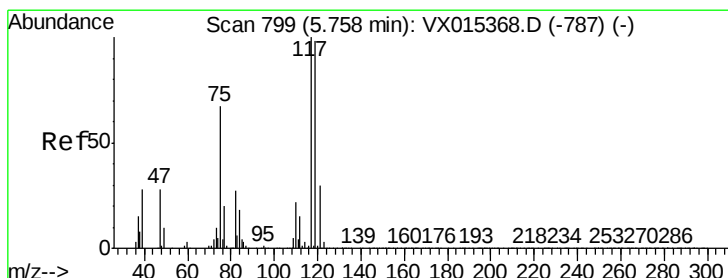
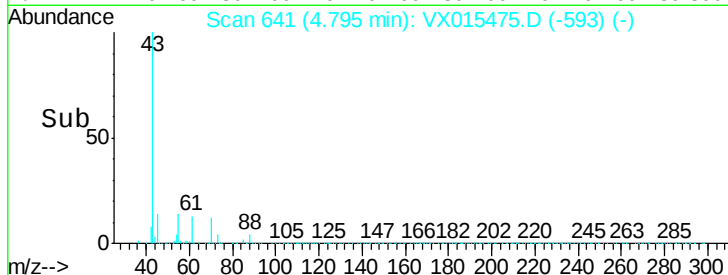
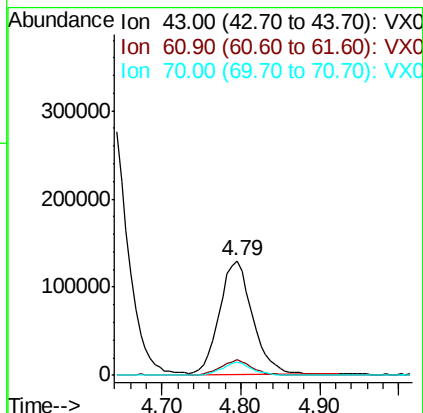
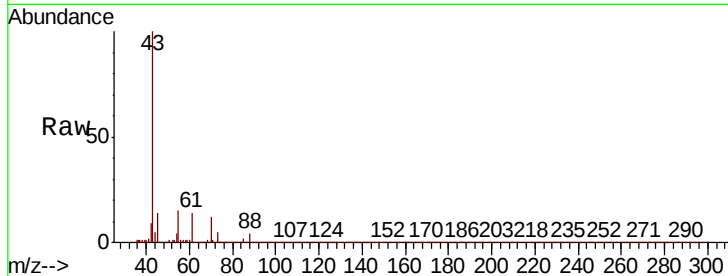




#37
Ethyl Acetate
Concen: 18.078 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

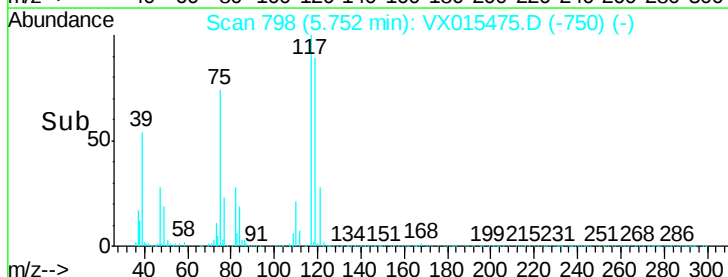
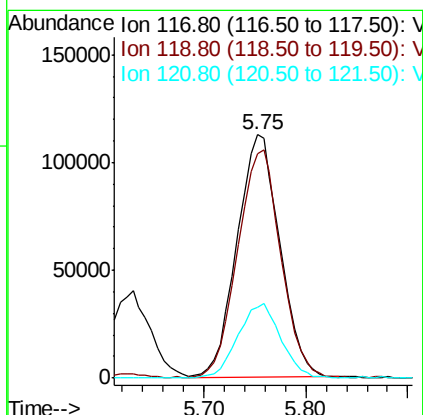
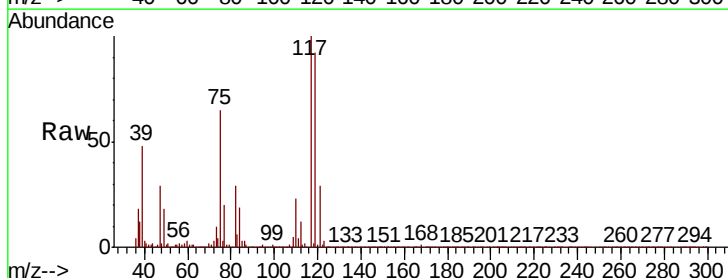
Instrument :
MSVOA_X
ClientSampleID :

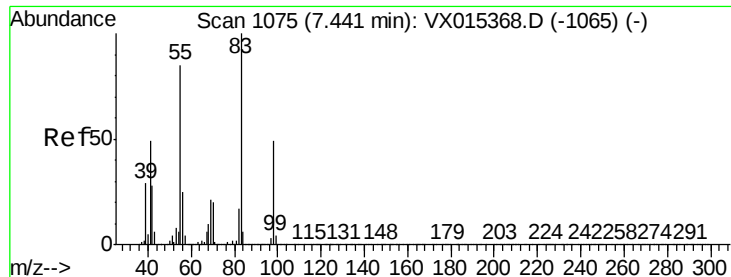
Tot Ion	Ratio	Lower	Upper
43	100		
61	12.4	9.9	14.9
70	10.9	8.1	12.1



#38
Carbon Tetrachloride
Concen: 18.933 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.2	78.0	117.0
121	29.1	23.8	35.8

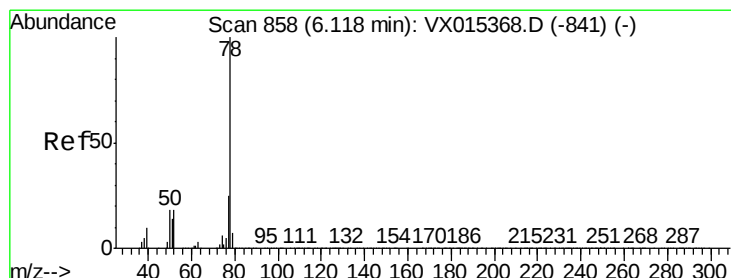
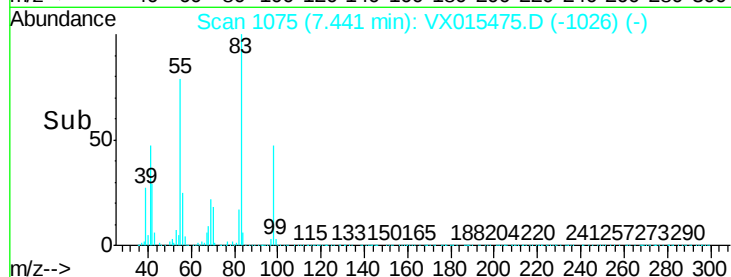
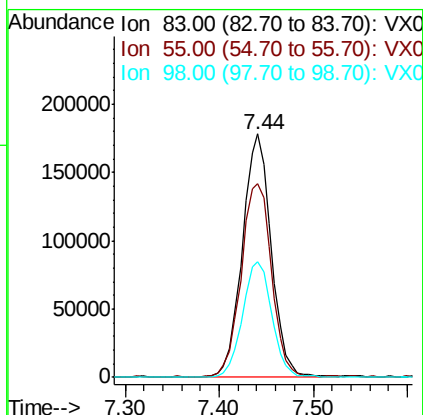
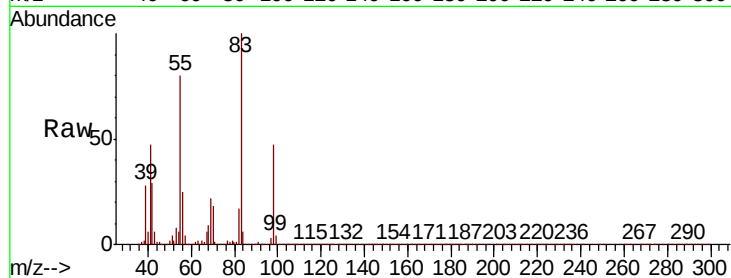




#39
Methvlcvclohexane
Concen: 20.706 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

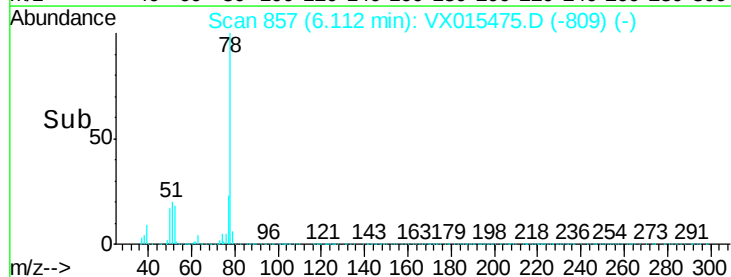
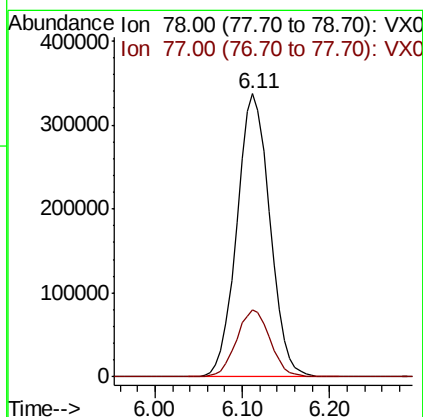
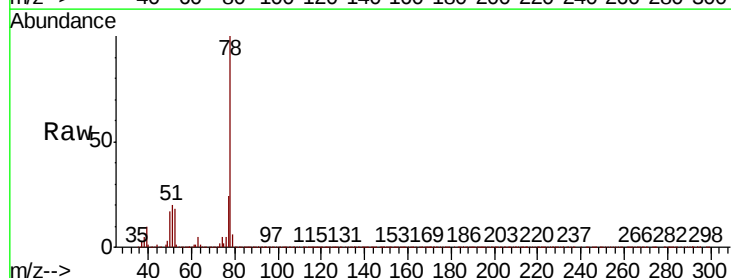
Instrument :
MSVOA_X
ClientSampleId :

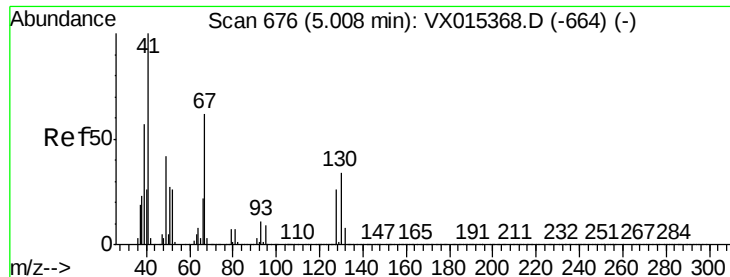
Tot Ion	Ratio	Lower	Upper
83	100		
55	79.5	67.8	101.6
98	47.0	39.3	58.9



#40
Benzene
Concen: 18.825 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.8	29.8





#41

Methacrylonitrile

Concen: 18.503 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 213611

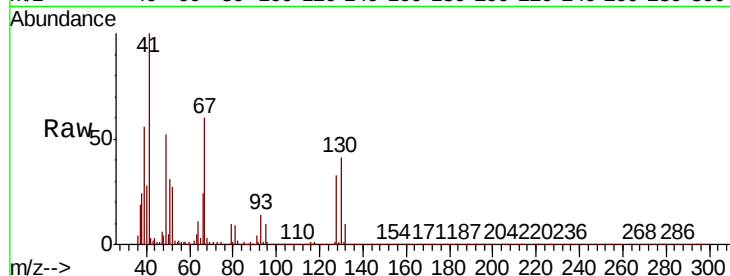
Ion Ratio Lower Upper

41 100

39 55.3 44.5 66.7

67 62.5 48.9 73.3

52 25.9 21.8 32.6

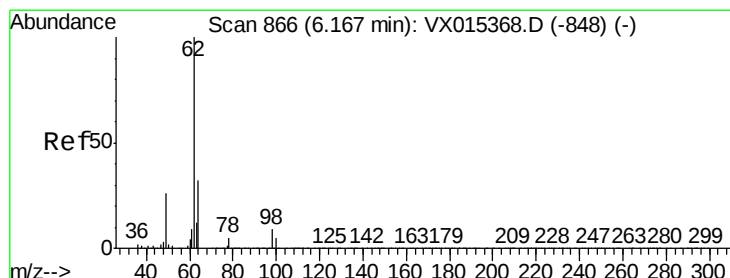
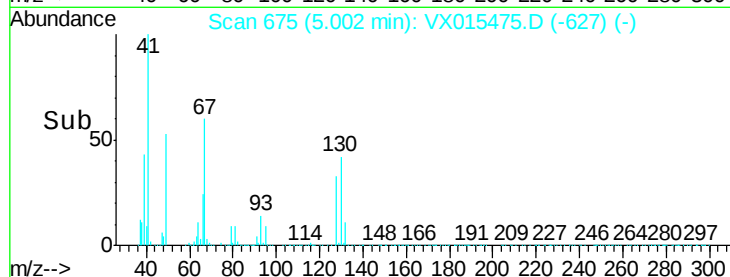
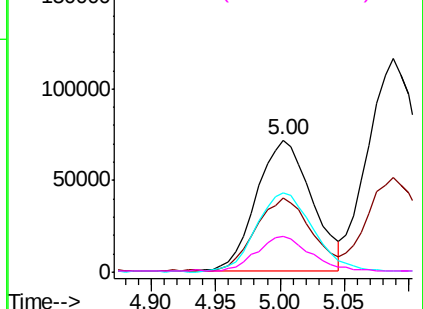


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.453 ug/l

RT: 6.16 min Scan# 865

Delta R.T. -0.01 min

Lab File: VX015475.D

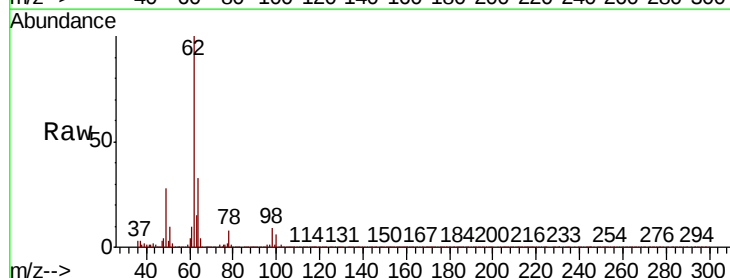
Acq: 02 Apr 2020 12:43

Tgt Ion: 62 Resp: 365583

Ion Ratio Lower Upper

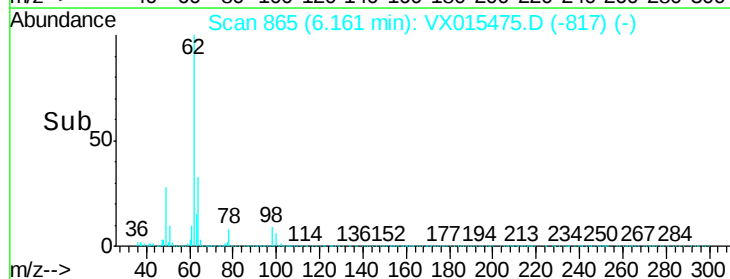
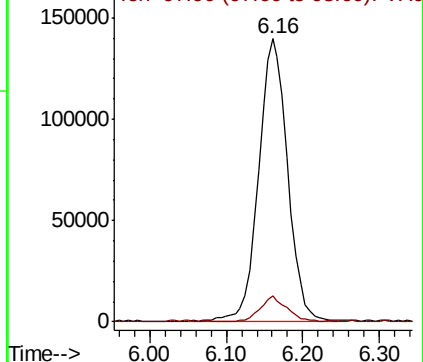
62 100

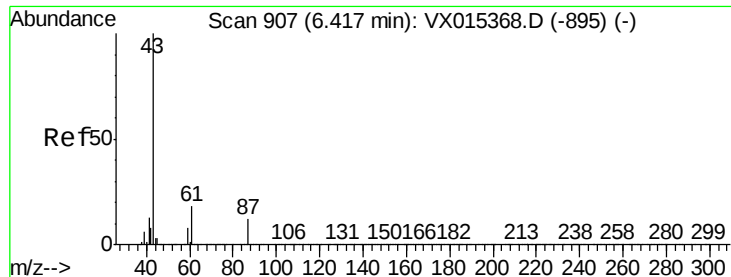
98 8.5 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



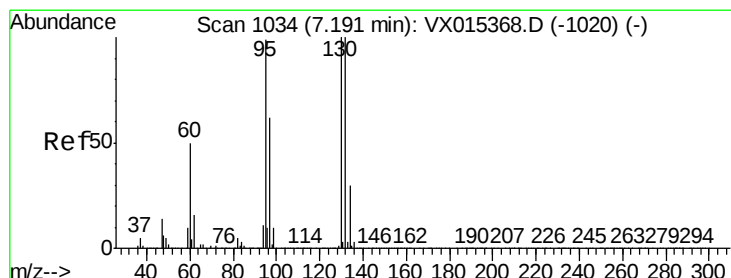
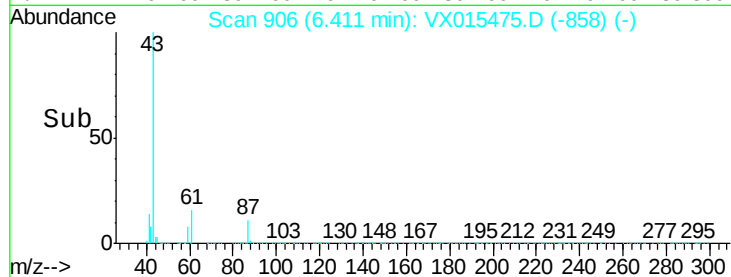
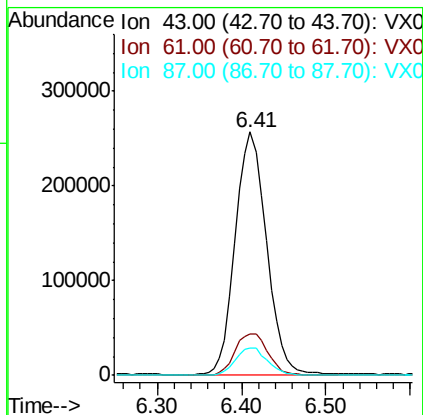
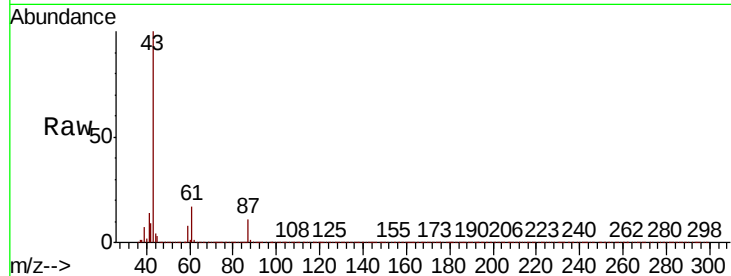


#43

Isopropyl Acetate
 Concen: 18.292 ug/l
 RT: 6.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: VX015475.D
 Acq: 02 Apr 2020 12:43

Instrument :
 MSVOA_X
 ClientSampleId :

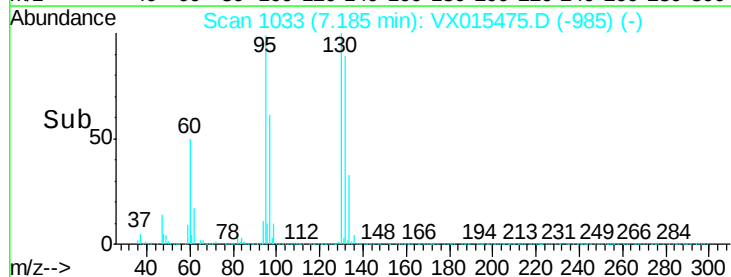
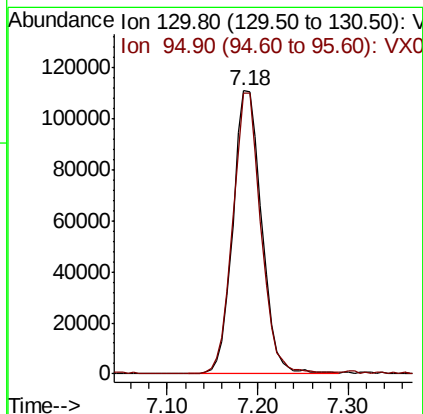
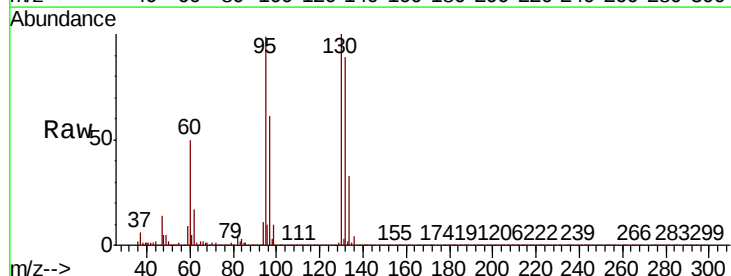
Tot Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.8	22.2
87	11.6	9.4	14.0

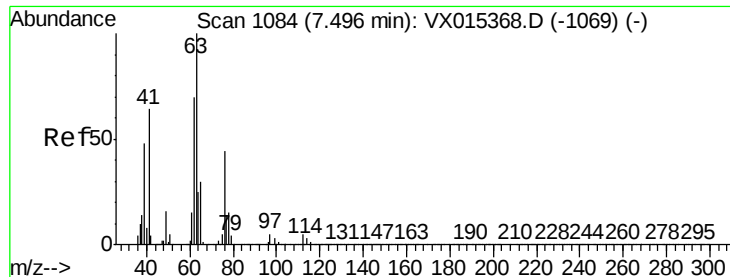


#44

Trichloroethene
 Concen: 18.995 ug/l
 RT: 7.18 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: VX015475.D
 Acq: 02 Apr 2020 12:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	199.0





#45

1,2-Dichloropropane

Concen: 19.004 ug/l

RT: 7.49 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

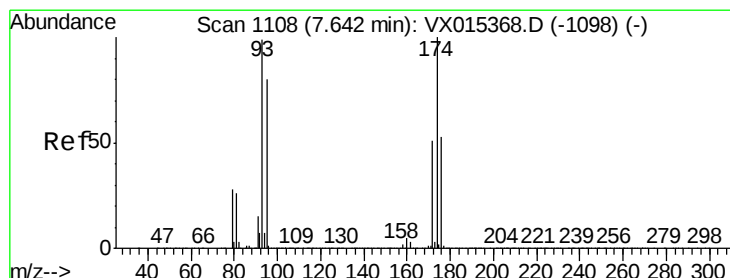
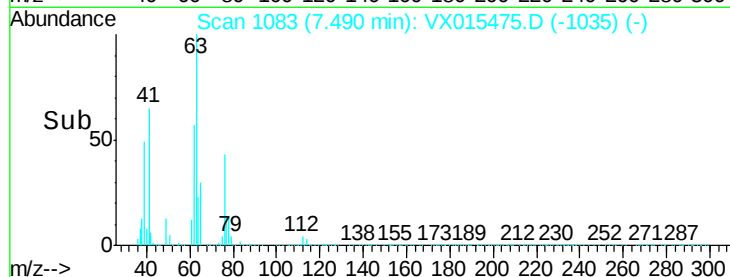
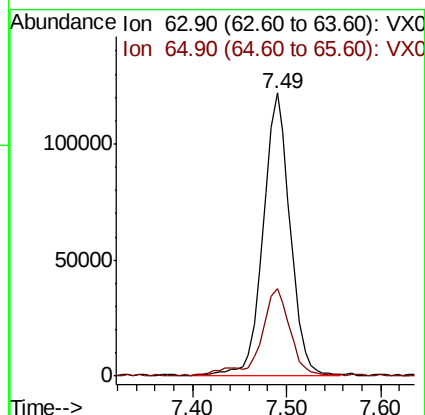
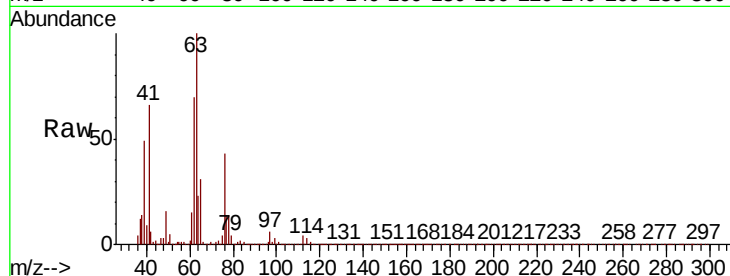
ClientSampleId :

Tot Ion: 63 Resp: 243237

Ion Ratio Lower Upper

63 100

65 30.7 23.9 35.9



#46

Dibromomethane

Concen: 19.121 ug/l

RT: 7.64 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

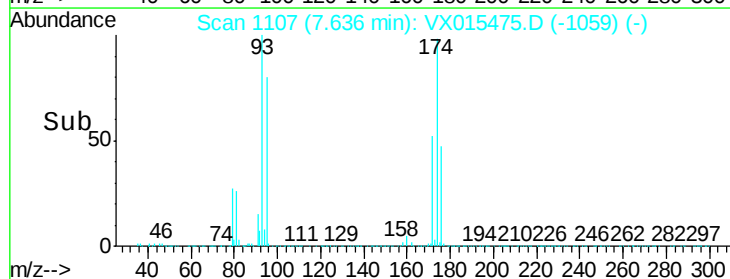
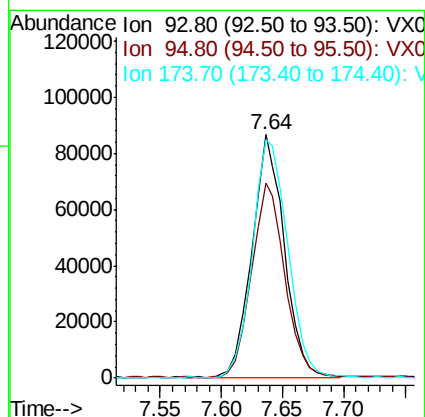
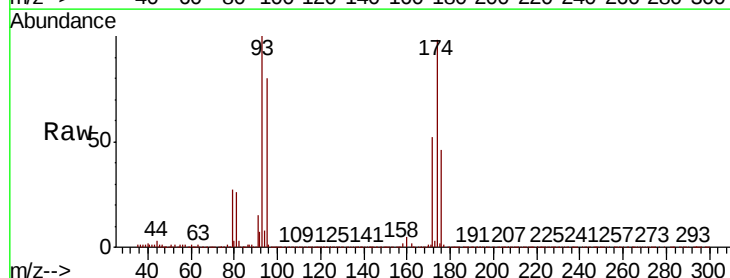
Tgt Ion: 93 Resp: 160540

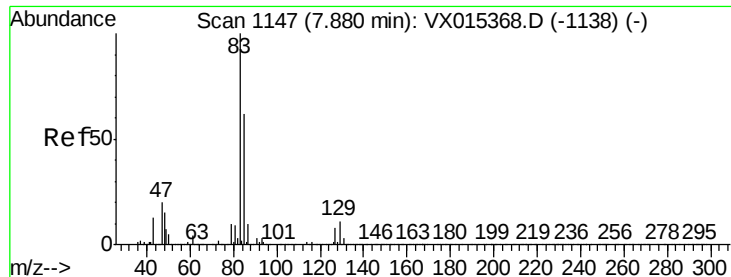
Ion Ratio Lower Upper

93 100

95 81.3 65.8 98.8

174 106.6 86.2 129.2





#47

Bromodichloromethane

Concen: 19.082 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :
MSVOA_X
ClientSampled :

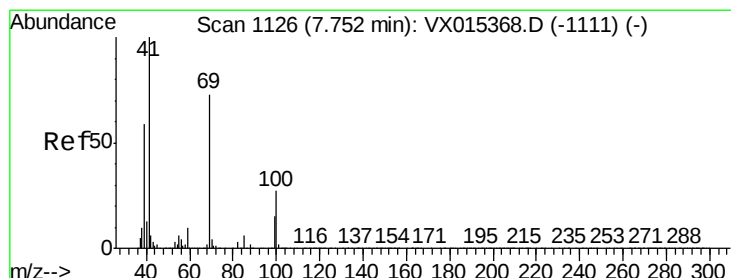
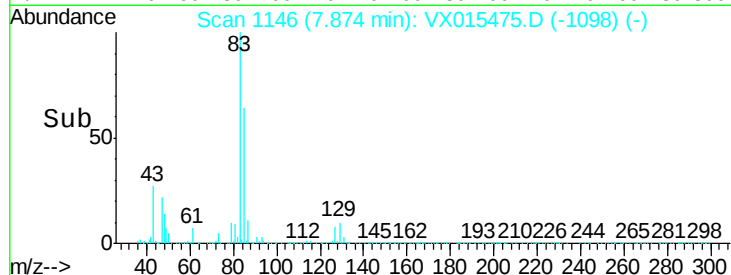
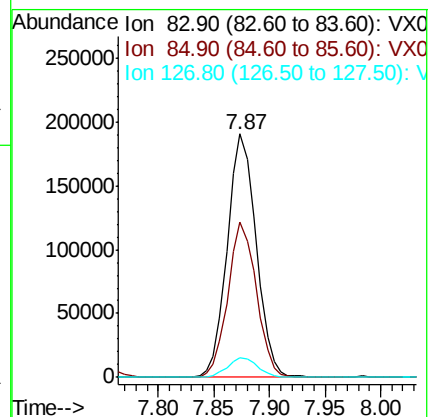
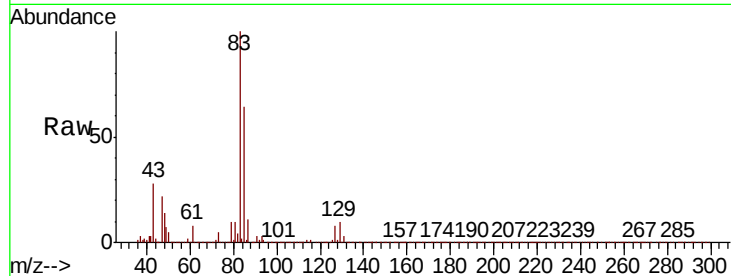
Tot Ion: 83 Resp: 341388

Ion Ratio Lower Upper

83 100

85 63.6 49.7 74.5

127 7.7 6.7 10.1



#48

Methyl methacrylate

Concen: 18.623 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

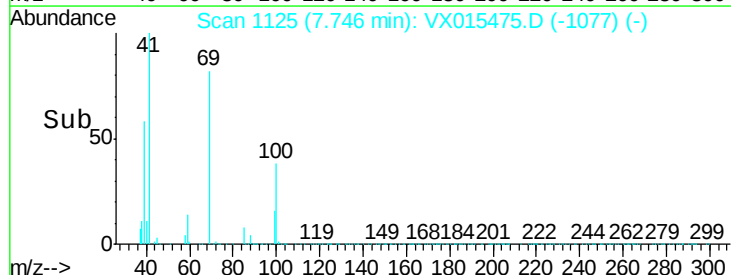
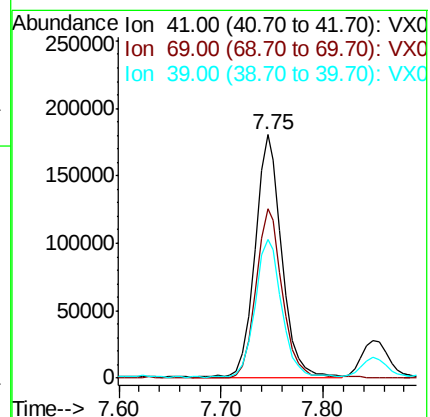
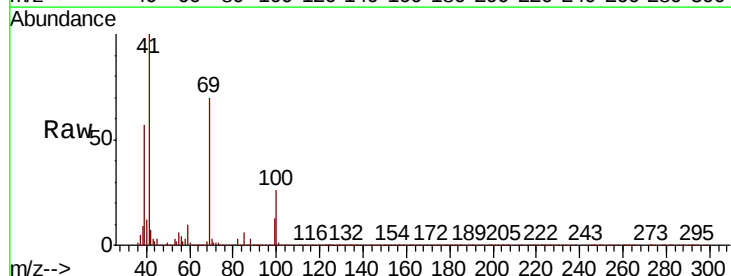
Tgt Ion: 41 Resp: 326577

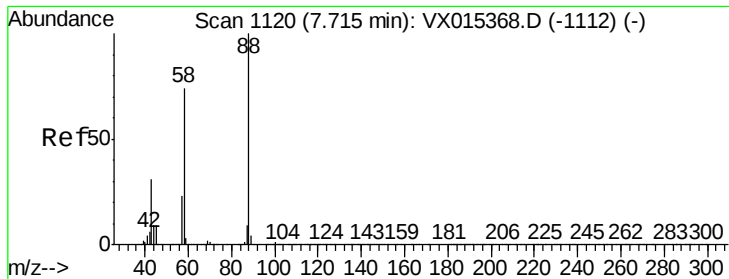
Ion Ratio Lower Upper

41 100

69 69.1 56.7 85.1

39 56.7 46.5 69.7





#49

1,4-Dioxane

Concen: 340.099 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

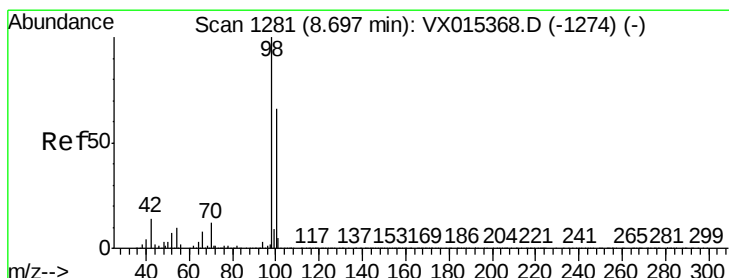
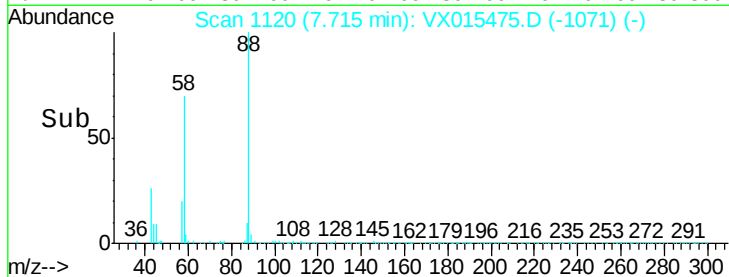
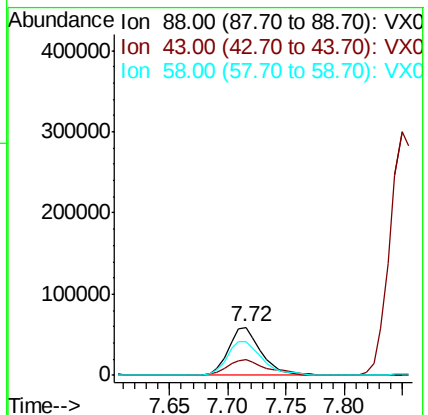
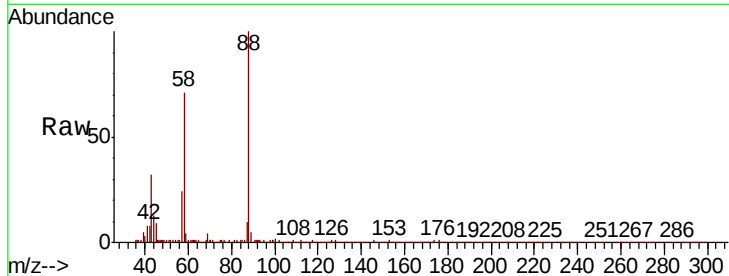
Tot Ion: 88 Resp: 111257

Ion Ratio Lower Upper

88 100

43 38.1 30.1 45.1

58 77.6 60.6 90.8



#50

Toluene-d8

Concen: 49.440 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015475.D

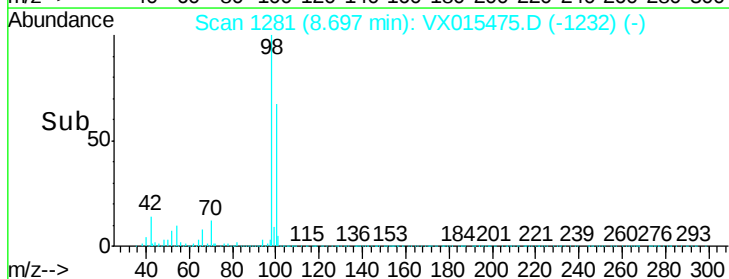
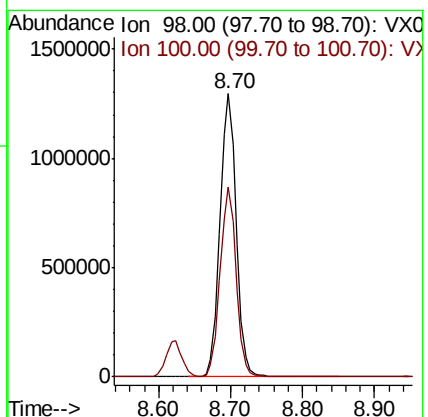
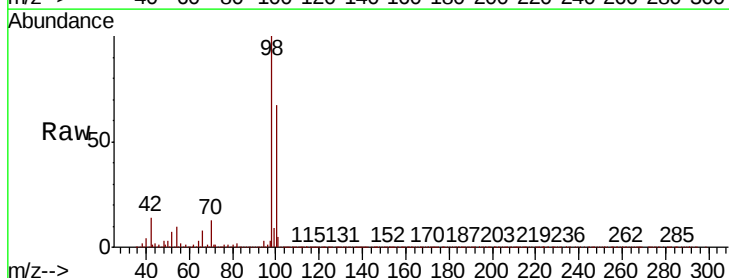
Acq: 02 Apr 2020 12:43

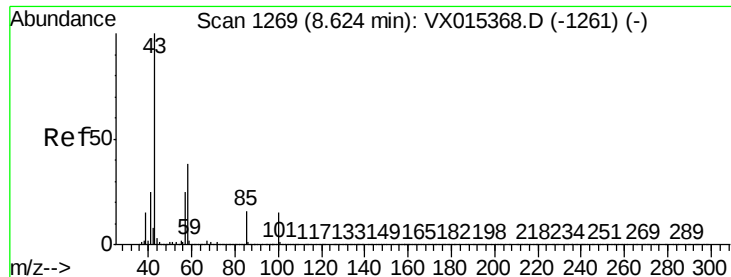
Tgt Ion: 98 Resp: 2017005

Ion Ratio Lower Upper

98 100

100 66.5 53.5 80.3





#51

4-Methyl-2-Pentanone

Concen: 93.301 ug/l

RT: 8.62 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

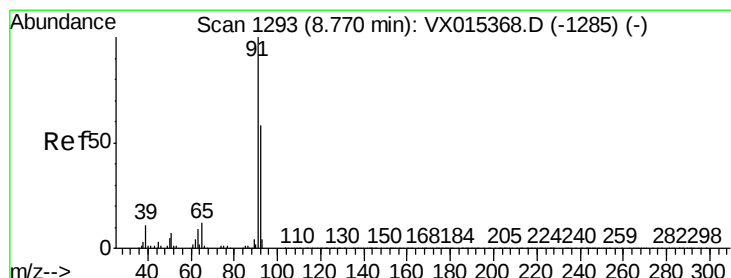
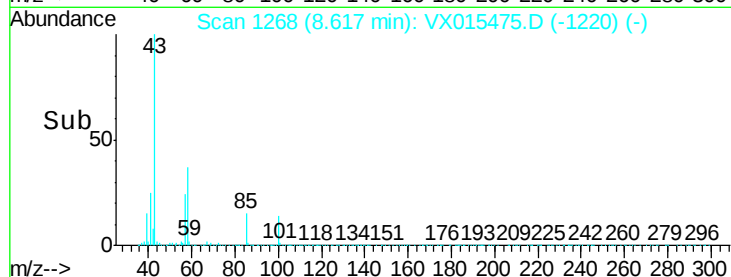
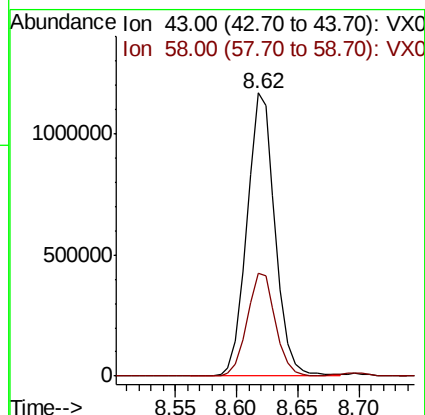
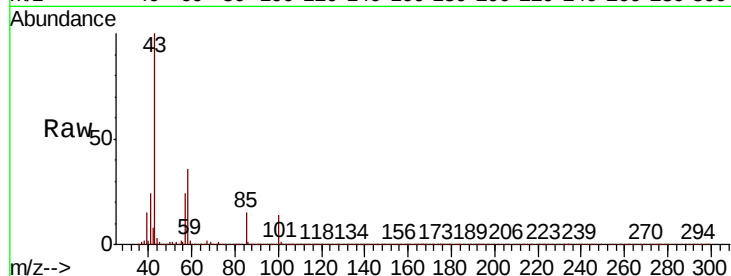
ClientSampled :

Tot Ion: 43 Resp: 1856345

Ion Ratio Lower Upper

43 100

58 36.4 29.7 44.5



#52

Toluene

Concen: 19.415 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015475.D

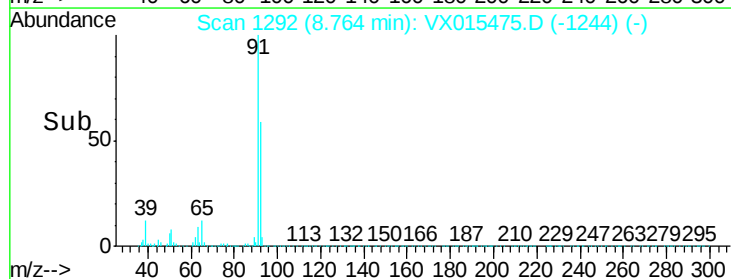
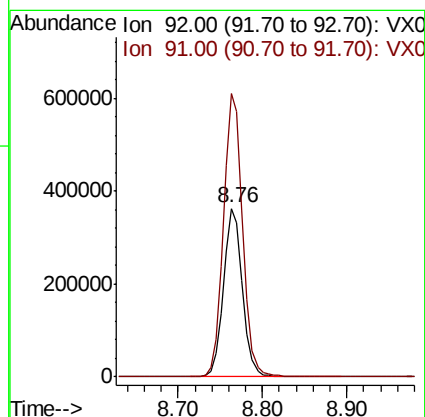
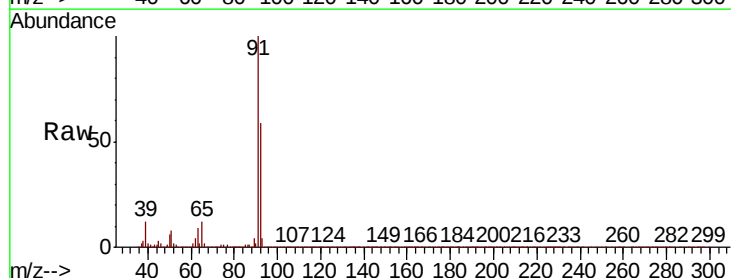
Acq: 02 Apr 2020 12:43

Tgt Ion: 92 Resp: 560050

Ion Ratio Lower Upper

92 100

91 170.8 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 18.456 ug/l

RT: 9.02 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

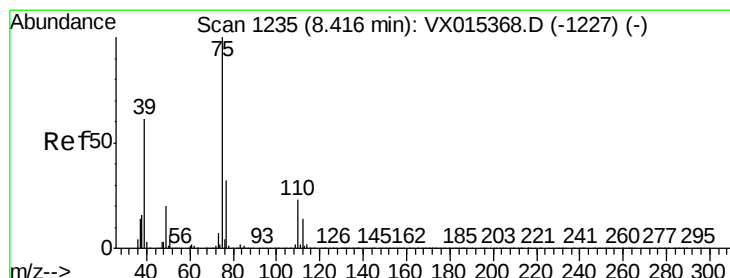
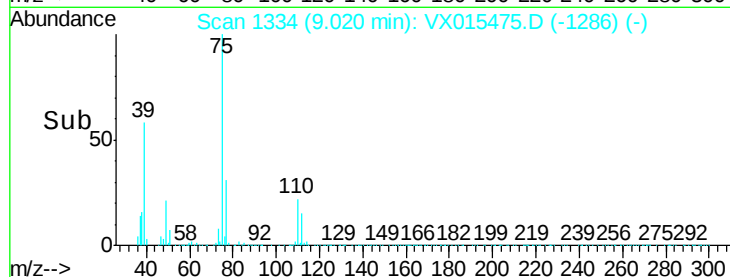
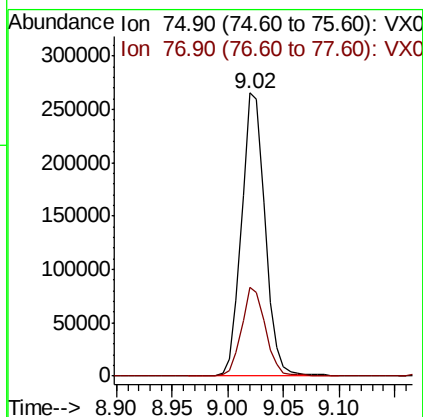
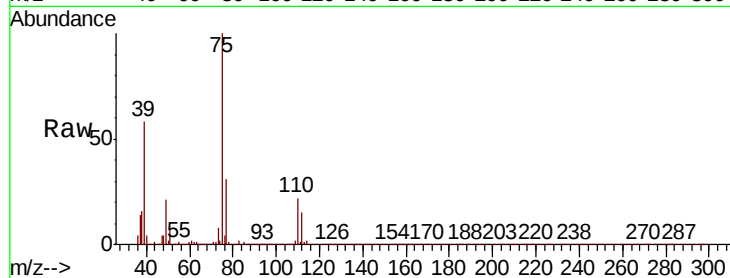
ClientSampleId :

Tot Ion: 75 Resp: 387230

Ion Ratio Lower Upper

75 100

77 31.3 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 19.115 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

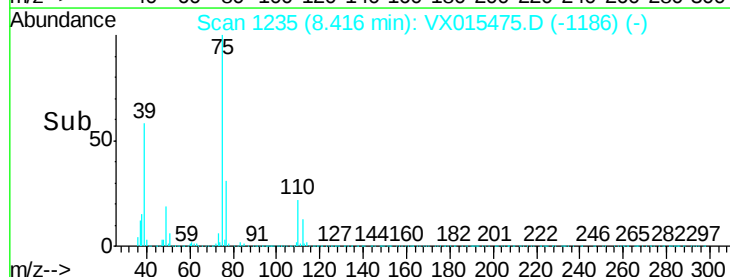
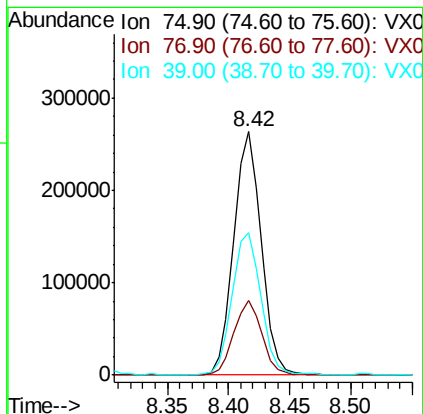
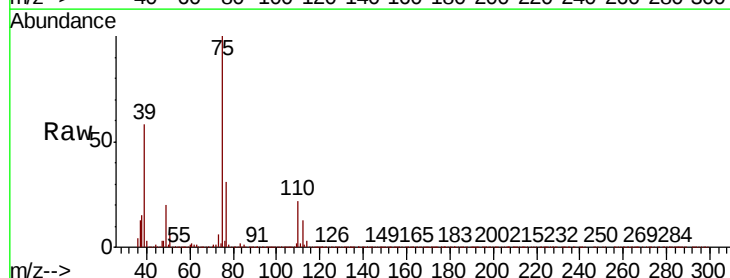
Tgt Ion: 75 Resp: 408554

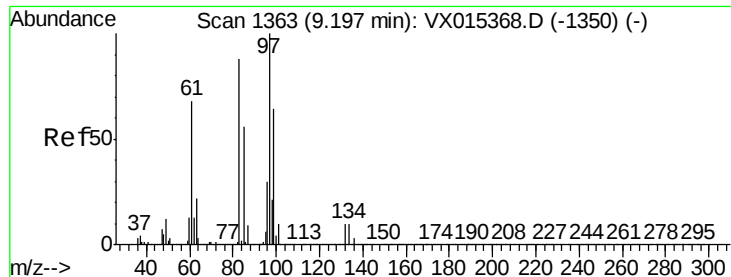
Ion Ratio Lower Upper

75 100

77 30.6 25.8 38.6

39 58.2 49.0 73.4





#55

1,1,2-Trichloroethane

Concen: 19.485 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 230275

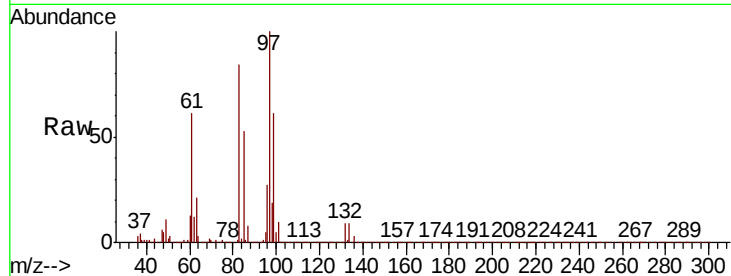
Ion Ratio Lower Upper

97 100

83 83.9 70.2 105.4

85 52.6 44.7 67.1

99 60.6 51.1 76.7

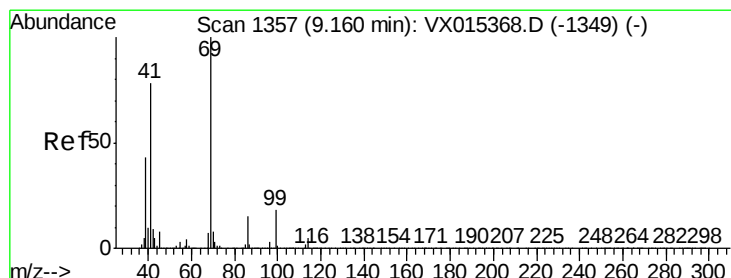
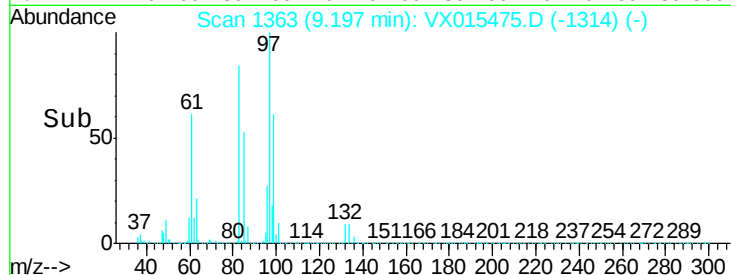
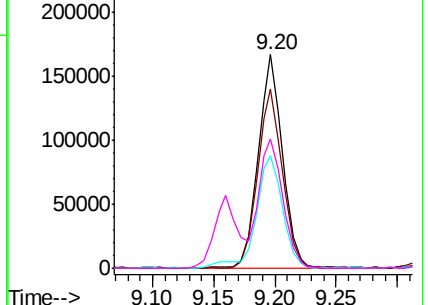


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 18.423 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

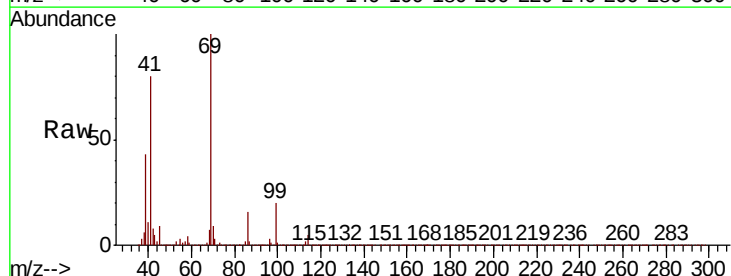
Tgt Ion: 69 Resp: 383710

Ion Ratio Lower Upper

69 100

41 77.0 61.6 92.4

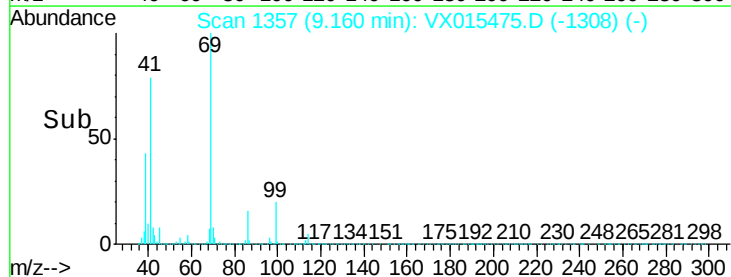
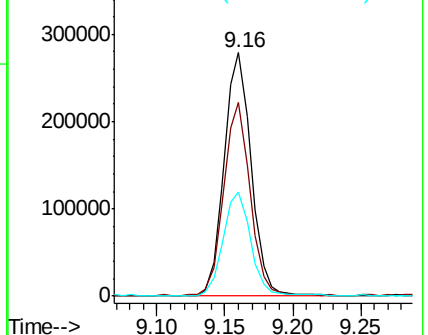
39 42.9 34.0 51.0

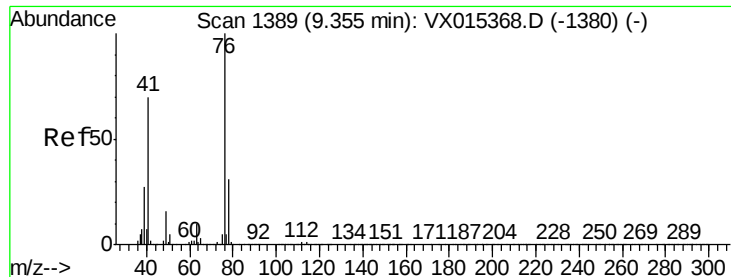


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.572 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

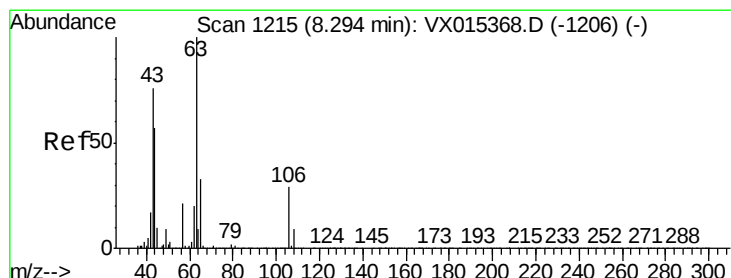
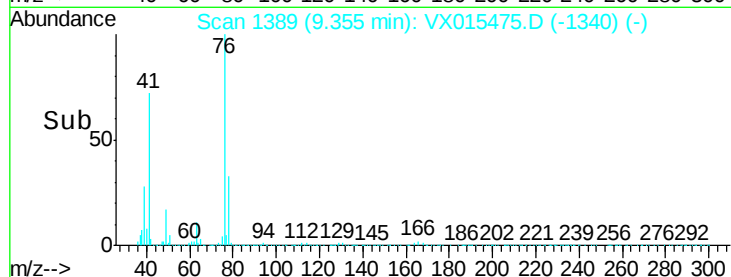
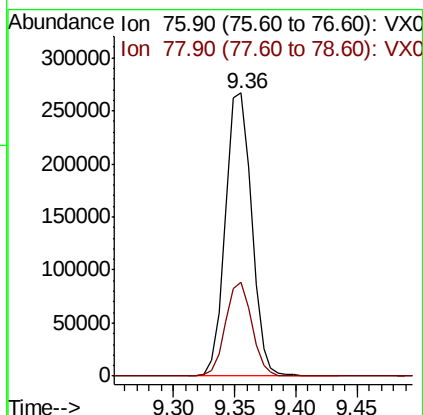
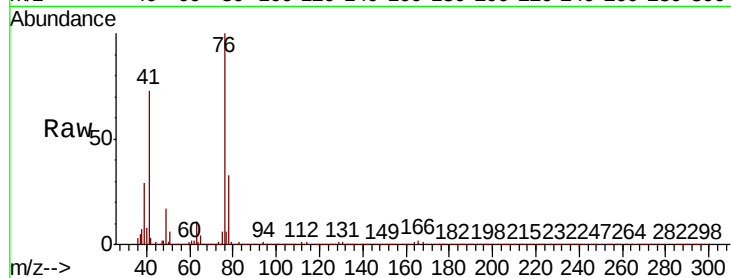
ClientSampleId :

Tot Ion: 76 Resp: 395455

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 98.867 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015475.D

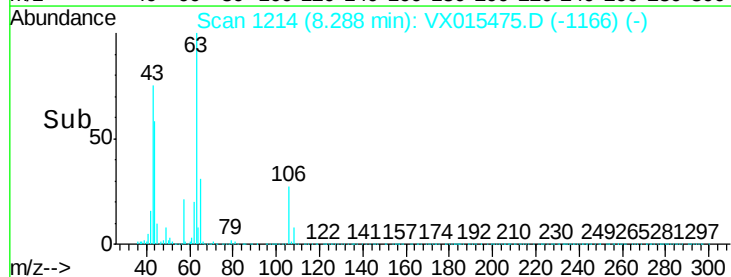
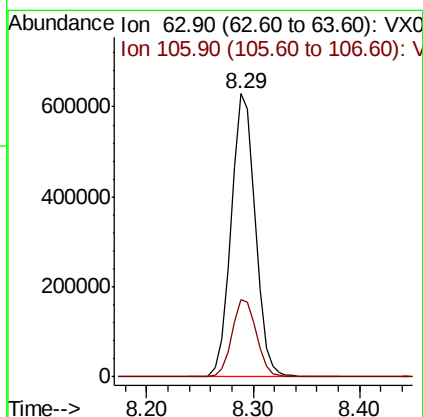
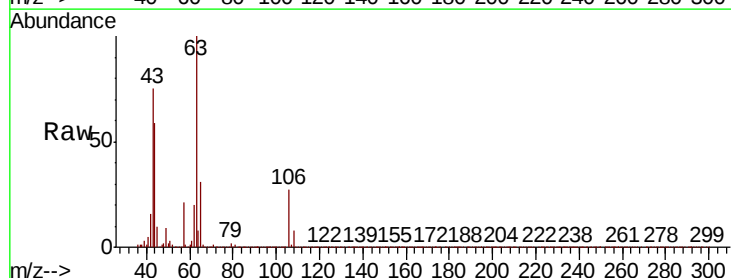
Acq: 02 Apr 2020 12:43

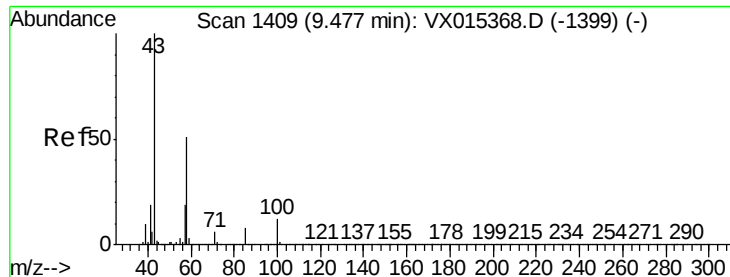
Tgt Ion: 63 Resp: 1001610

Ion Ratio Lower Upper

63 100

106 27.8 22.7 34.1

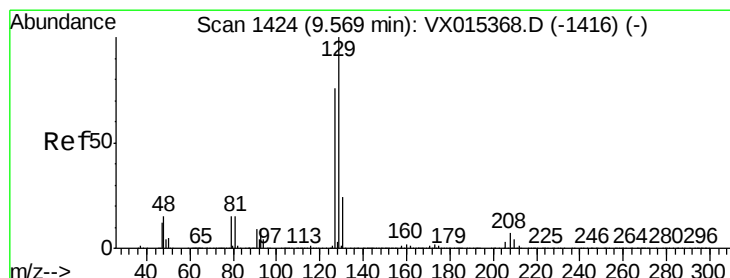
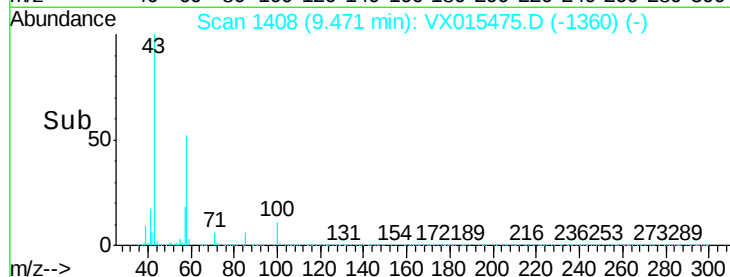
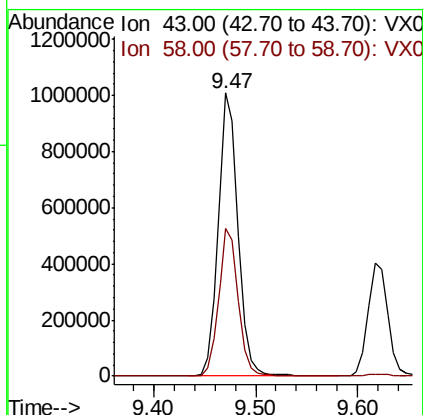
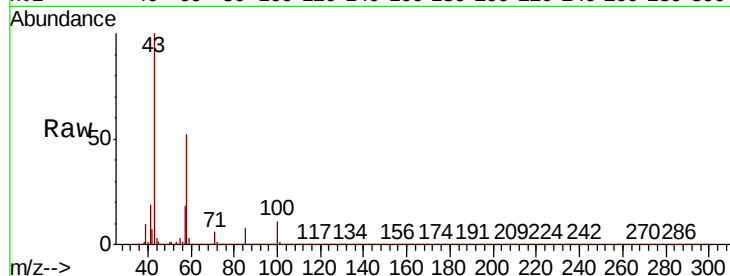




#59
2-Hexanone
Concen: 91.386 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

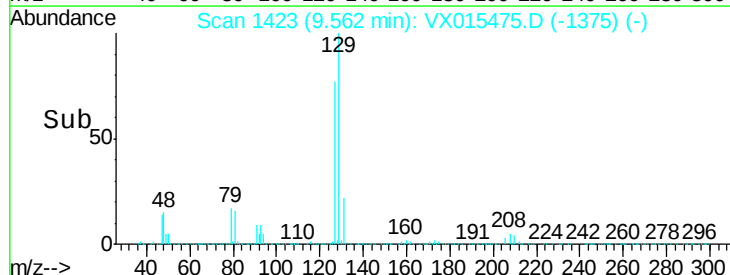
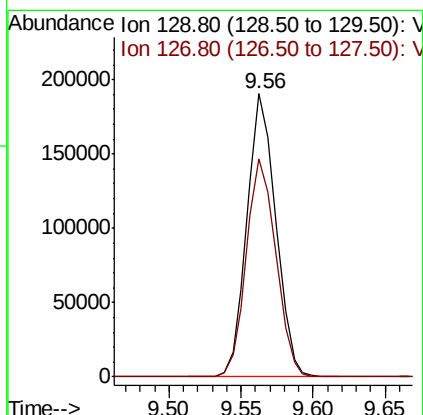
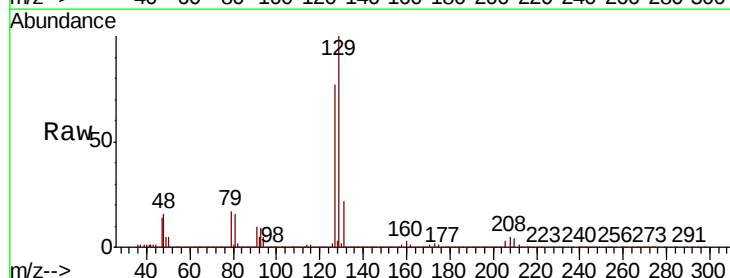
Instrument :
MSVOA_X
ClientSampleId :

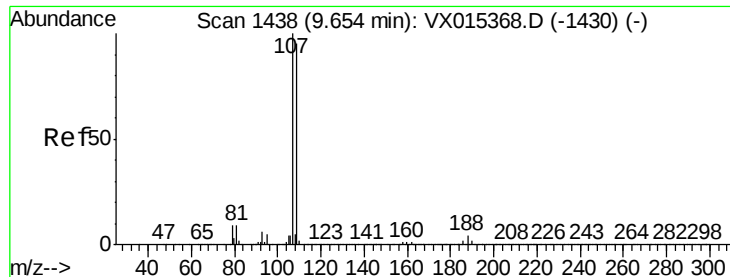
Tot Ion: 43 Resp: 1372723
Ion Ratio Lower Upper
43 100
58 51.4 25.6 76.6



#60
Dibromochloromethane
Concen: 18.521 ug/l
RT: 9.56 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Tgt Ion: 129 Resp: 263012
Ion Ratio Lower Upper
129 100
127 78.6 38.2 114.6





#61

1,2-Dibromoethane

Concen: 19.035 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

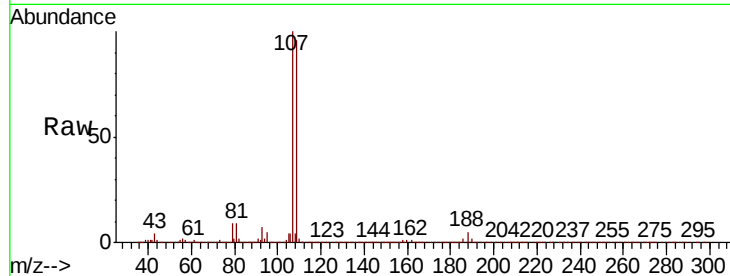
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:107 Resp: 244604

Ion Ratio Lower Upper

107 100

109 93.6 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

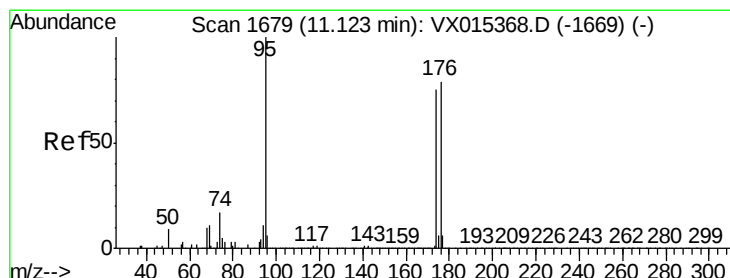
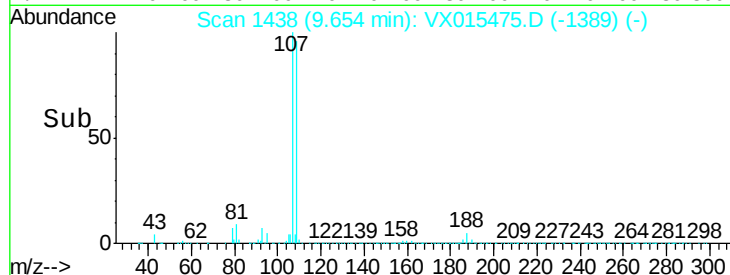
150000

100000

50000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 50.086 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

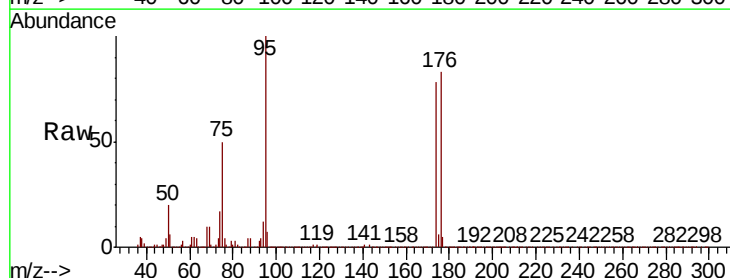
Tgt Ion: 95 Resp: 830426

Ion Ratio Lower Upper

95 100

174 77.8 0.0 158.6

176 76.5 0.0 159.0



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

800000

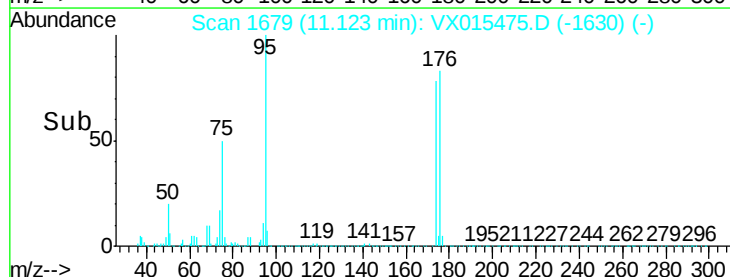
600000

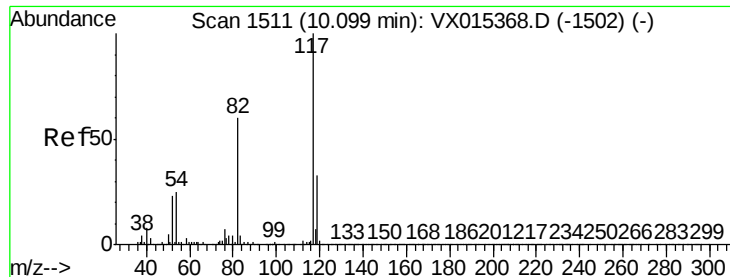
400000

200000

0

Time--> 11.05 11.10 11.15 11.20

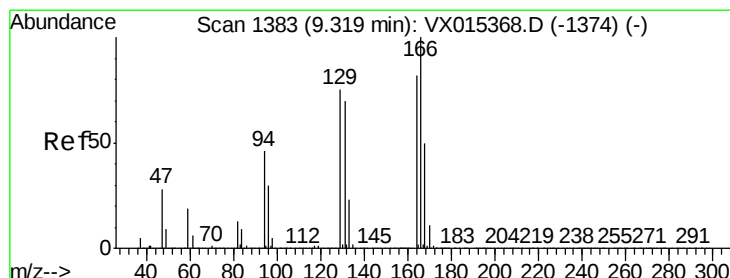
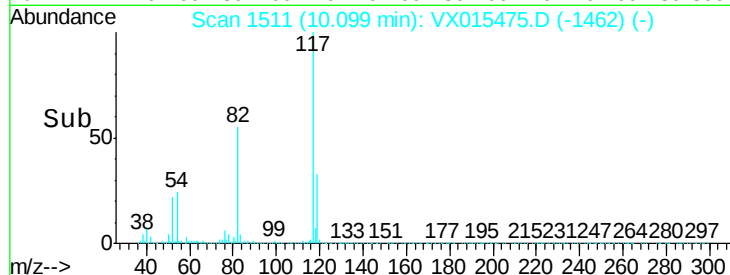
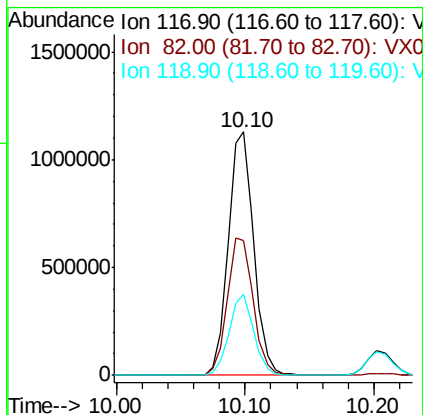
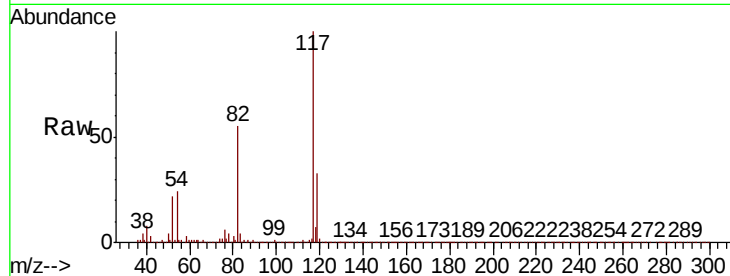




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

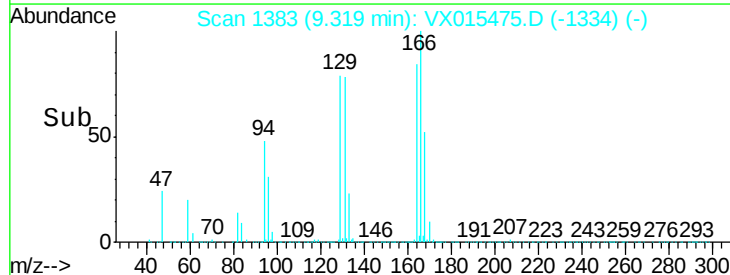
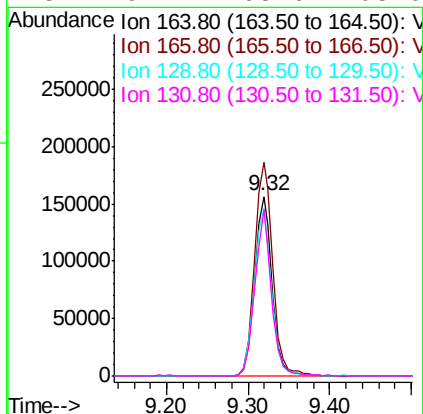
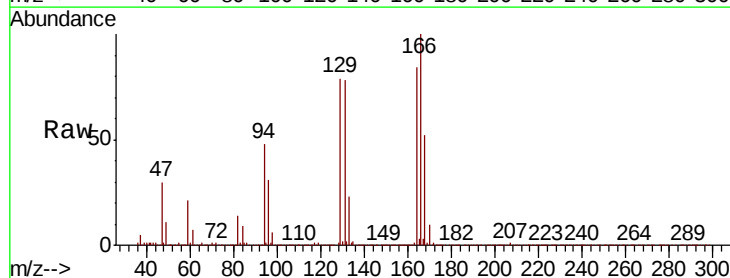
Instrument :
MSVOA_X
ClientSampled :

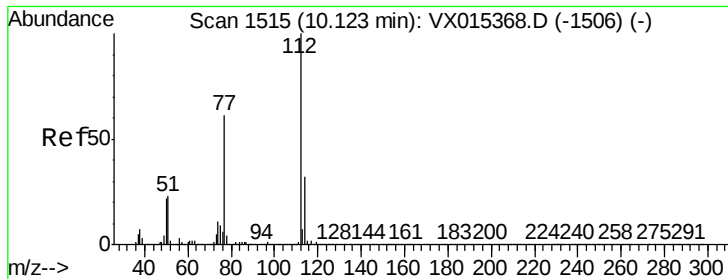
Tot Ion:117 Resp: 1561464
Ion Ratio Lower Upper
117 100
82 55.3 47.8 71.8
119 33.5 26.8 40.2



#64
Tetrachloroethene
Concen: 20.017 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Tgt Ion:164 Resp: 235879
Ion Ratio Lower Upper
164 100
166 118.9 97.8 146.6
129 93.6 73.0 109.4
131 92.4 68.6 103.0

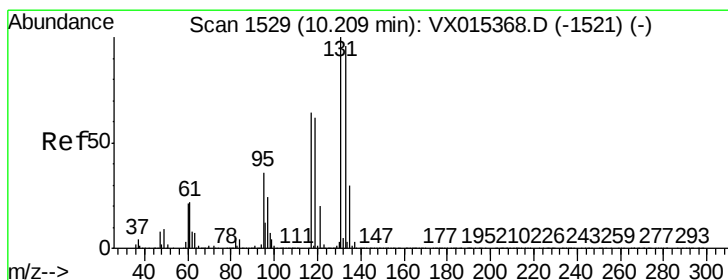
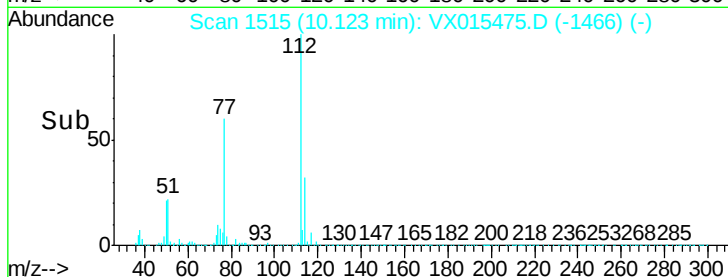
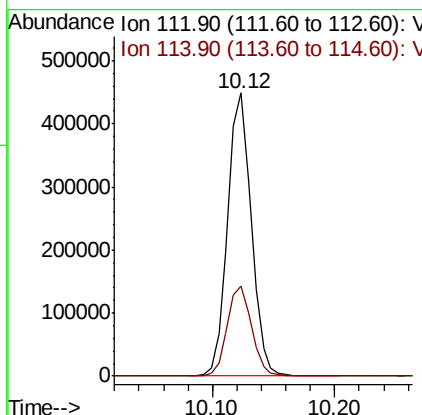
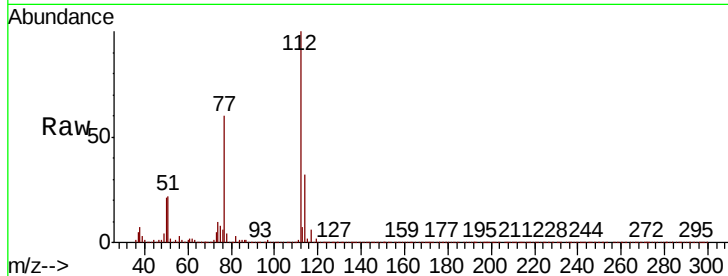




#65
Chlorobenzene
Concen: 19.252 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

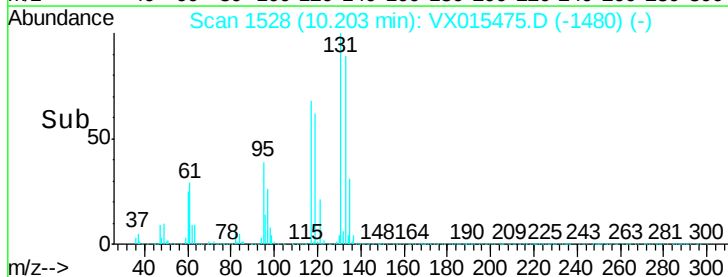
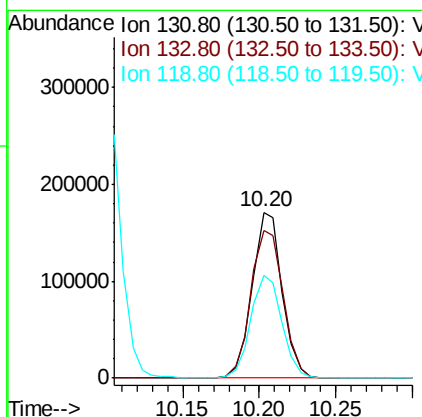
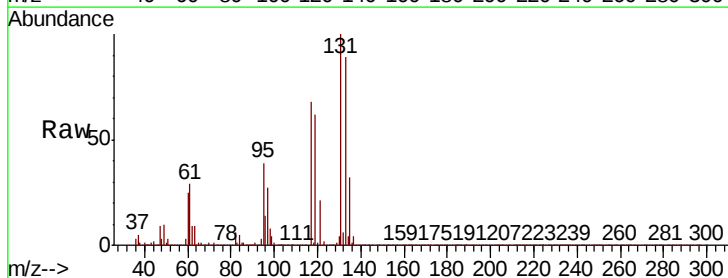
Instrument :
MSVOA_X
ClientSampleId :

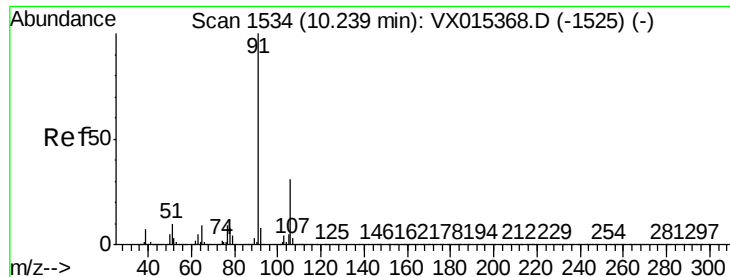
Tot Ion:112 Resp: 599505
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 18.756 ug/l
RT: 10.20 min Scan# 1528
Delta R.T. -0.01 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Tgt Ion:131 Resp: 233336
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.9
119 64.5 31.1 93.3





#67

Ethyl Benzene

Concen: 19.852 ug/l

RT: 10.23 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

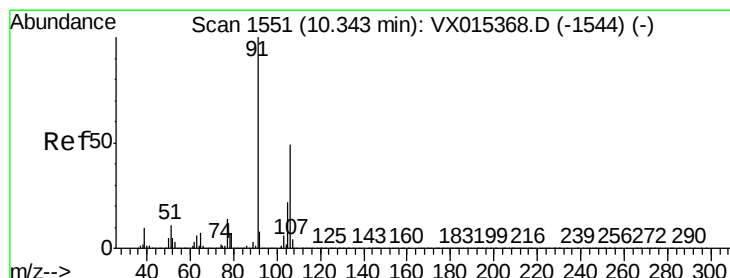
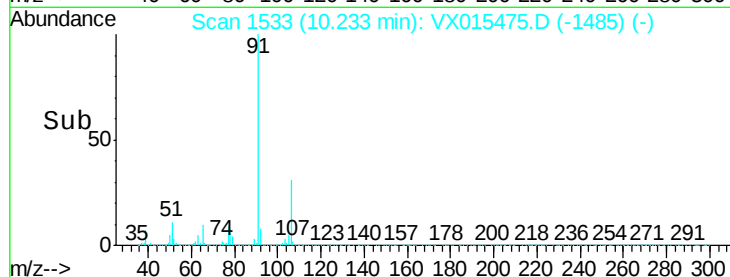
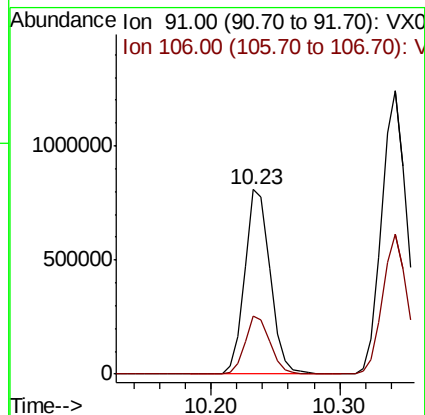
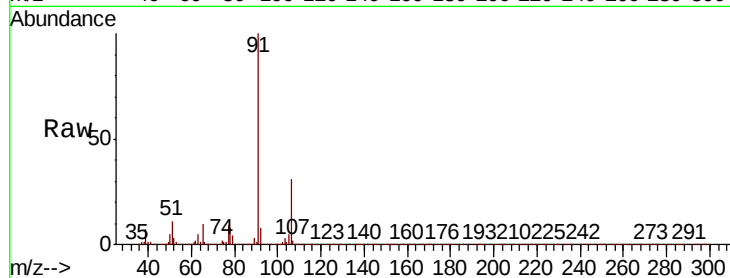
ClientSampleId :

Tot Ion: 91 Resp: 1096413

Ion Ratio Lower Upper

91 100

106 31.2 24.8 37.2



#68

m/p-Xylenes

Concen: 39.859 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015475.D

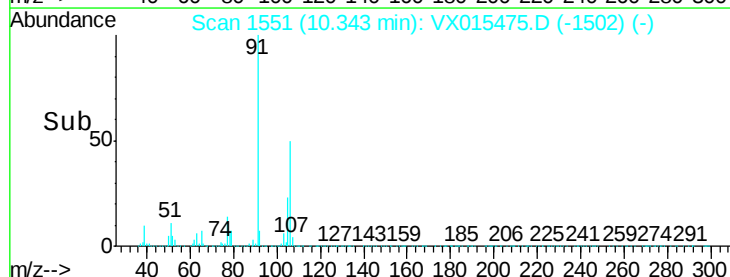
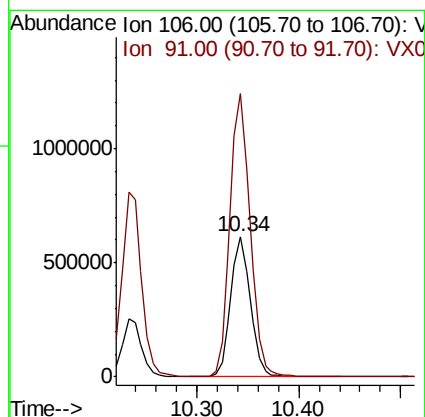
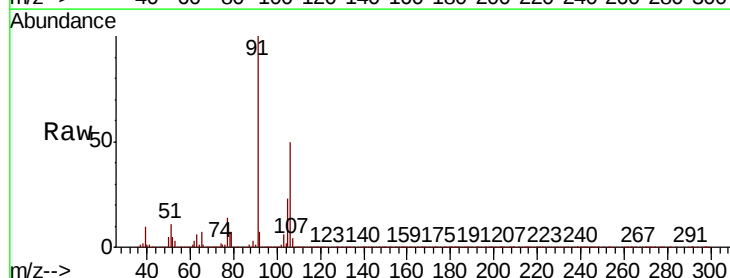
Acq: 02 Apr 2020 12:43

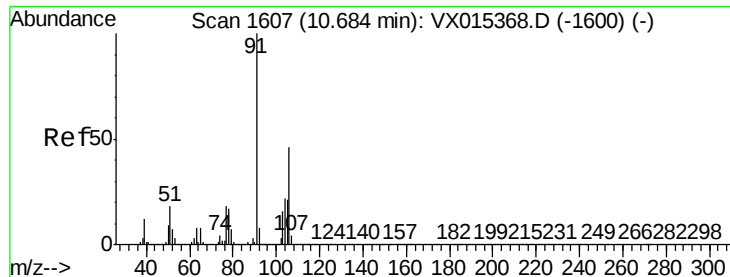
Tgt Ion: 106 Resp: 819729

Ion Ratio Lower Upper

106 100

91 206.8 163.4 245.0

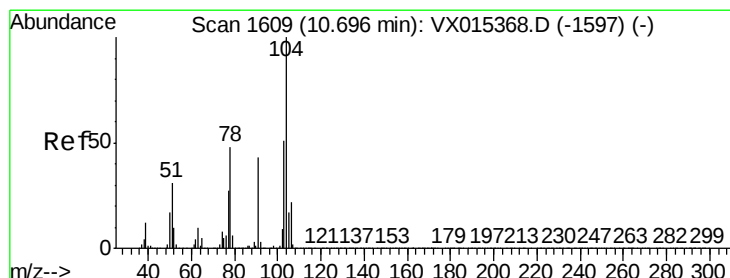
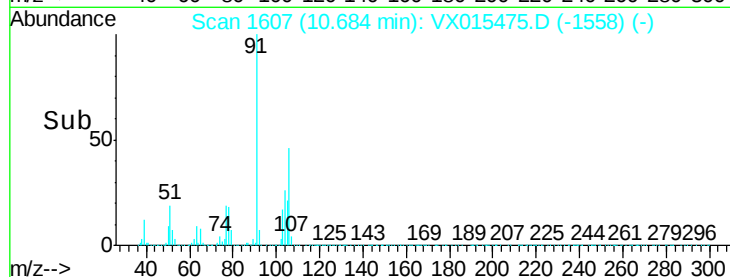
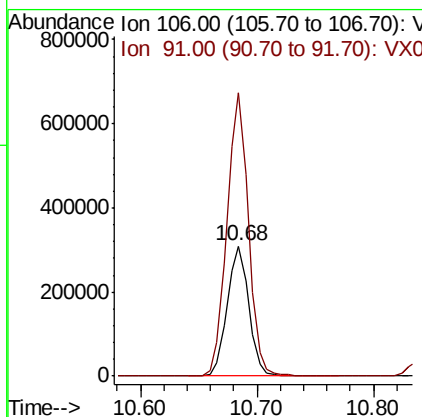
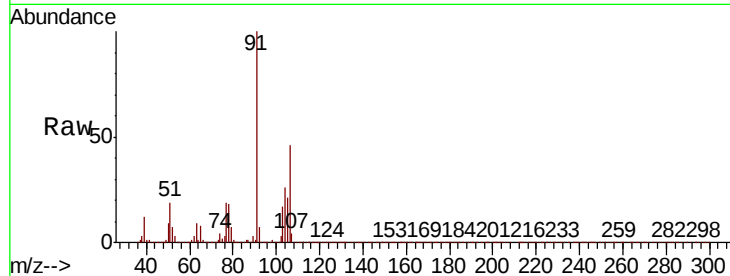




#69
o-Xylene
Concen: 19.599 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

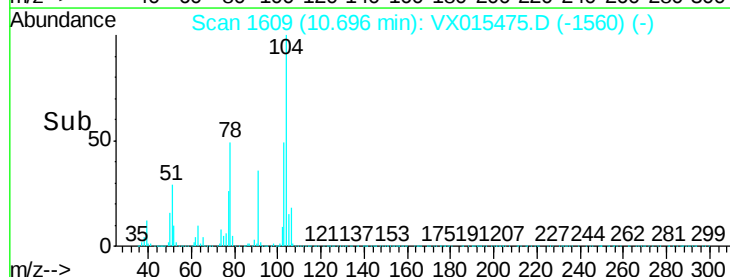
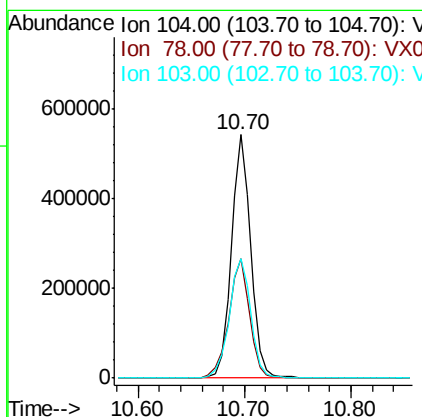
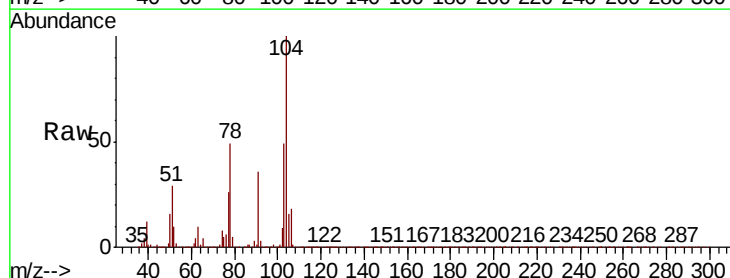
Instrument :
MSVOA_X
ClientSampleId :

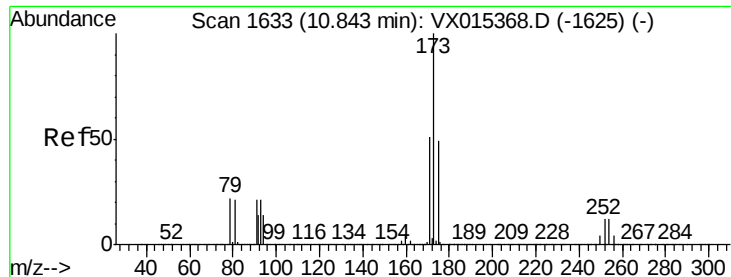
Tot Ion:106 Resp: 398299
Ion Ratio Lower Upper
106 100
91 215.4 107.1 321.3



#70
Styrene
Concen: 19.269 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Tgt Ion:104 Resp: 689062
Ion Ratio Lower Upper
104 100
78 52.8 42.0 63.0
103 54.7 43.4 65.0





#71

Bromoform

Concen: 18.159 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

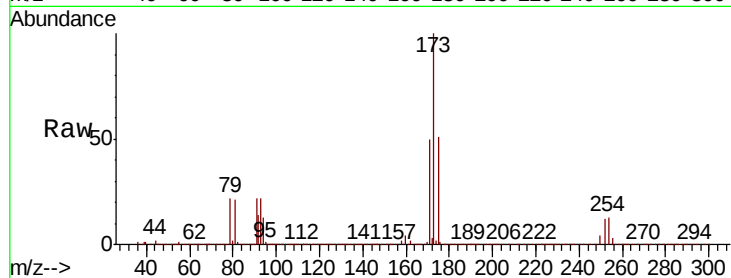
Tot Ion:173 Resp: 205657

Ion Ratio Lower Upper

173 100

175 48.8 23.9 71.7

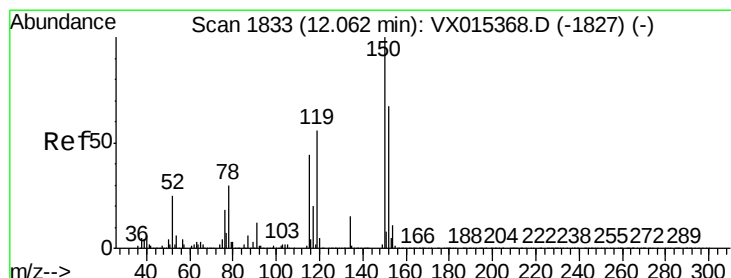
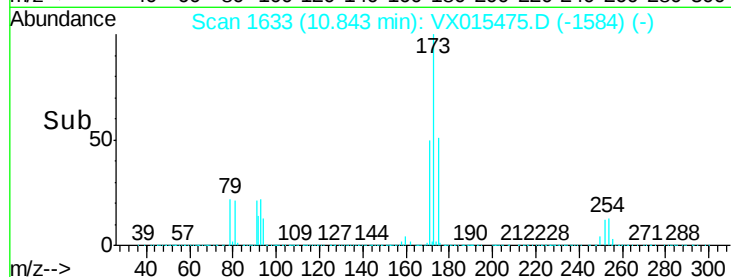
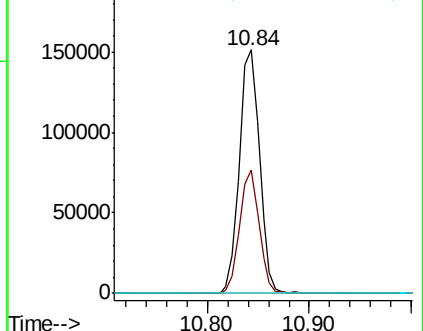
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

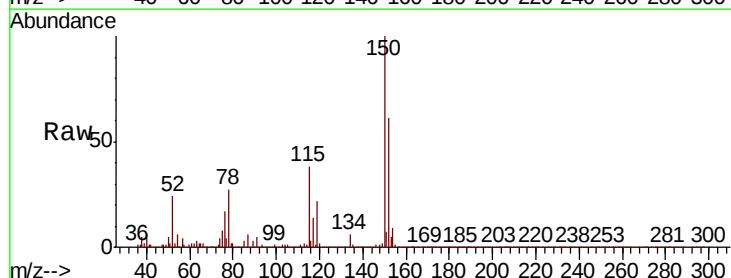
Tgt Ion:152 Resp: 835332

Ion Ratio Lower Upper

152 100

115 66.5 39.0 116.9

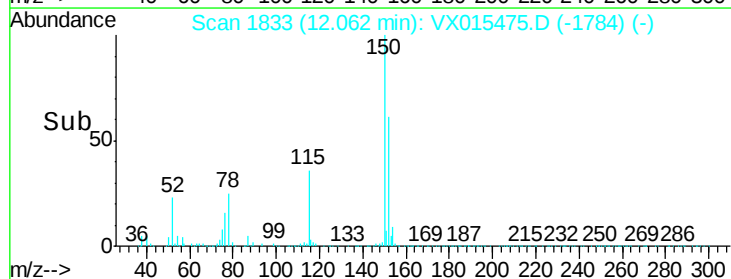
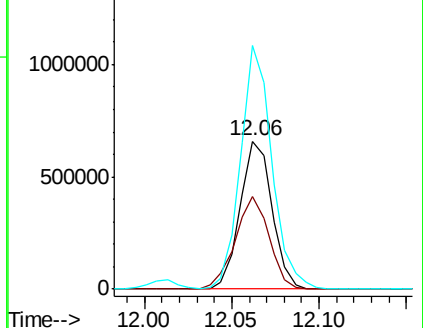
150 161.7 0.0 340.8

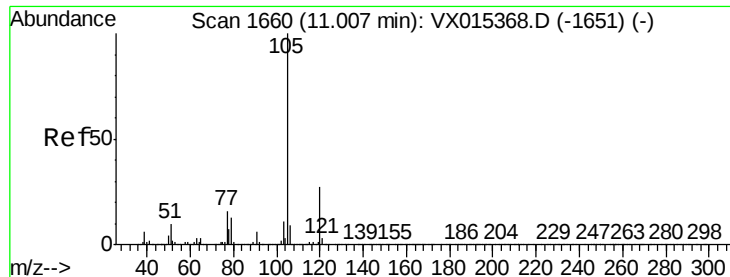


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.642 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

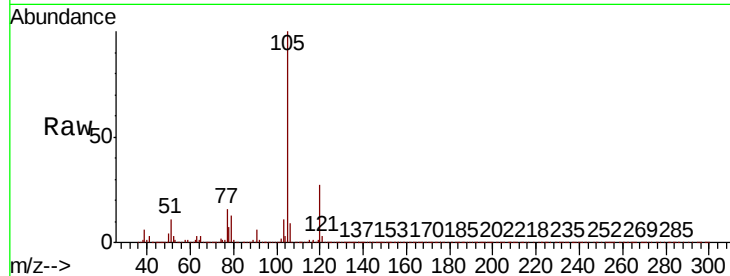
ClientSampleId :

Tot Ion:105 Resp: 1075069

Ion Ratio Lower Upper

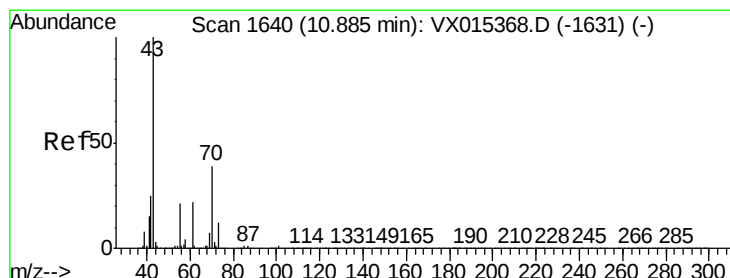
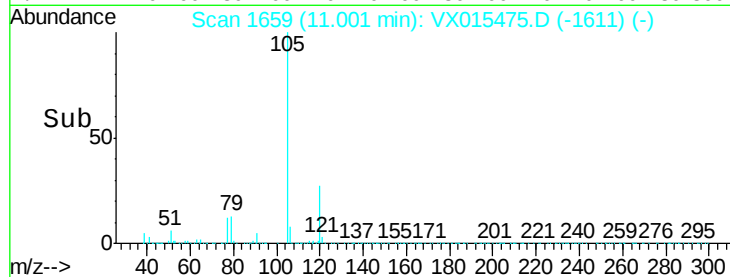
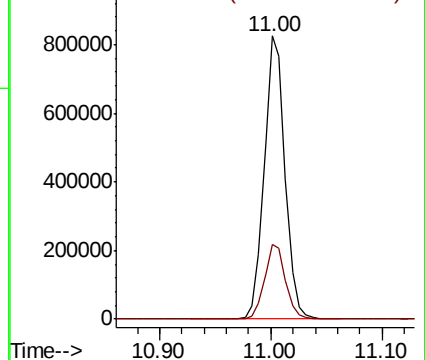
105 100

120 26.7 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.952 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Tgt Ion: 43 Resp: 546472

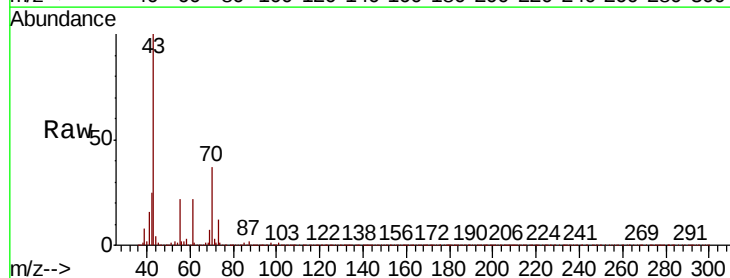
Ion Ratio Lower Upper

43 100

70 38.1 30.2 45.4

55 21.7 16.8 25.2

61 22.8 18.2 27.2

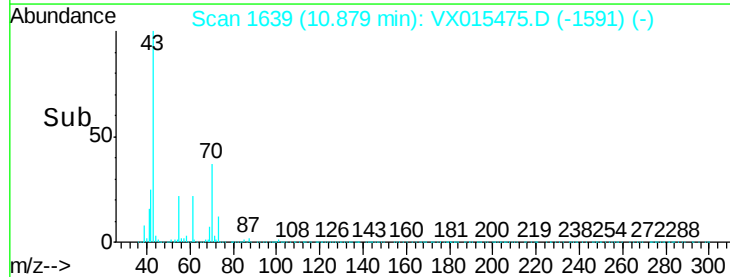
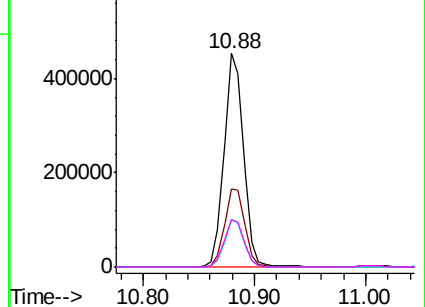


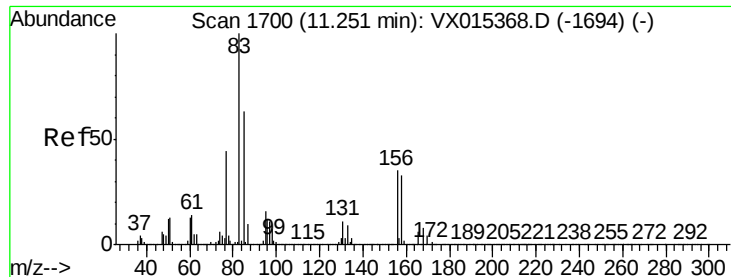
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.483 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

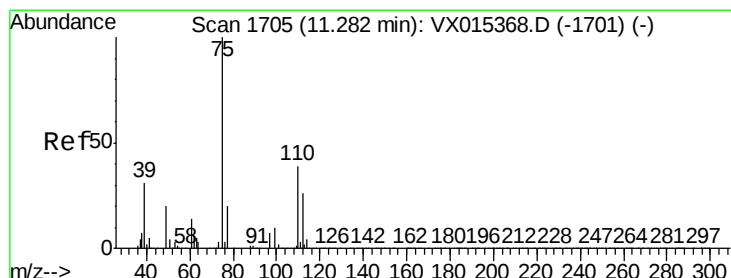
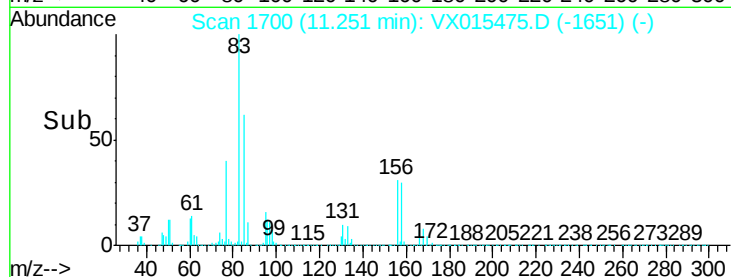
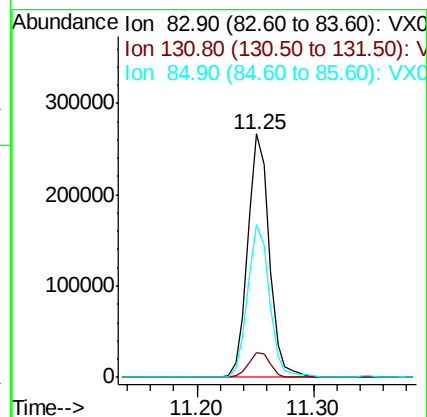
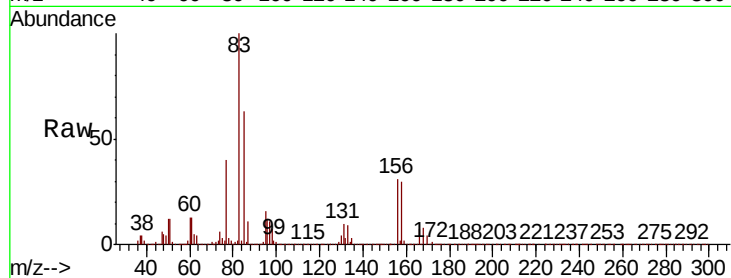
Tot Ion: 83 Resp: 347134

Ion Ratio Lower Upper

83 100

131 10.6 5.3 16.1

85 63.3 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 24.164 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015475.D

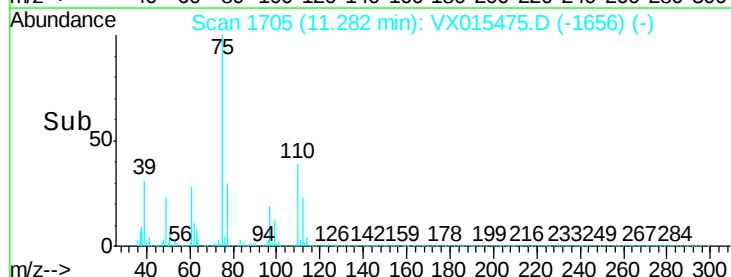
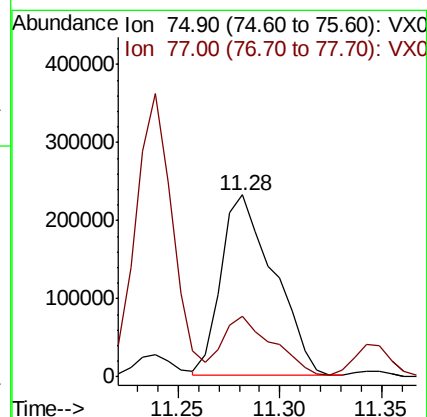
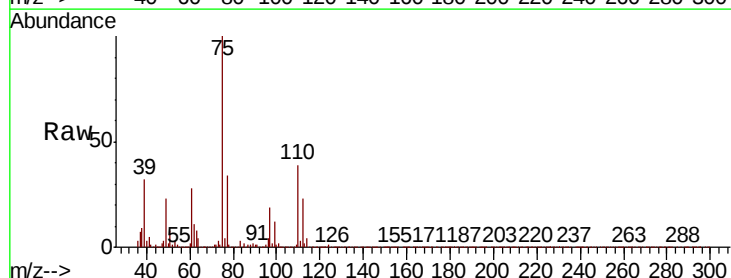
Acq: 02 Apr 2020 12:43

Tgt Ion: 75 Resp: 415092

Ion Ratio Lower Upper

75 100

77 32.1 21.2 63.6





#77

Bromobenzene

Concen: 18.972 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

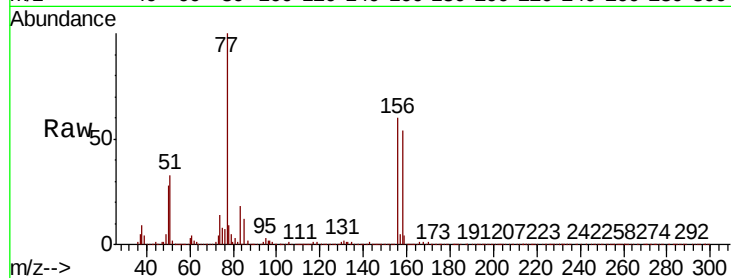
Tot Ion:156 Resp: 276972

Ion Ratio Lower Upper

156 100

77 164.1 82.2 246.5

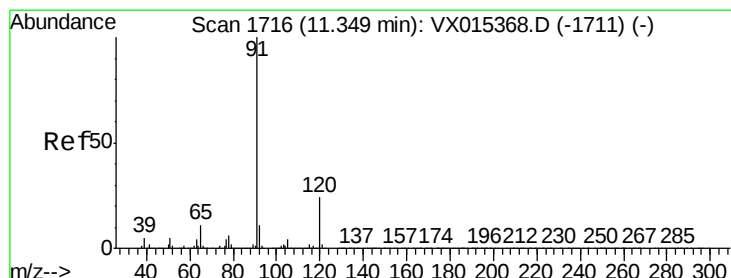
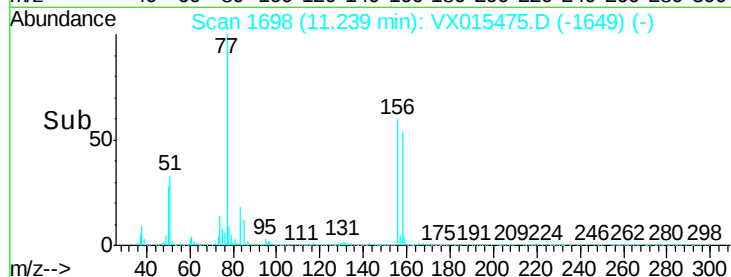
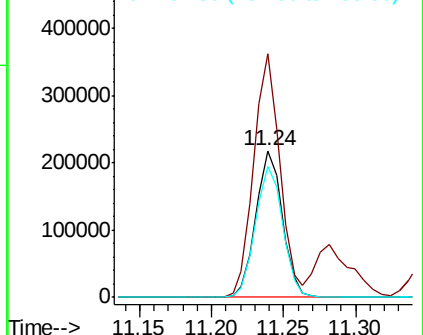
158 92.5 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.690 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015475.D

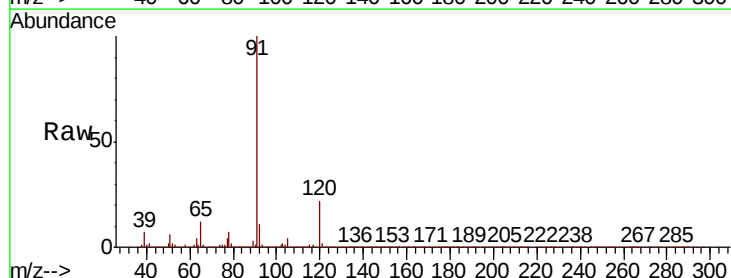
Acq: 02 Apr 2020 12:43

Tgt Ion: 91 Resp: 1232291

Ion Ratio Lower Upper

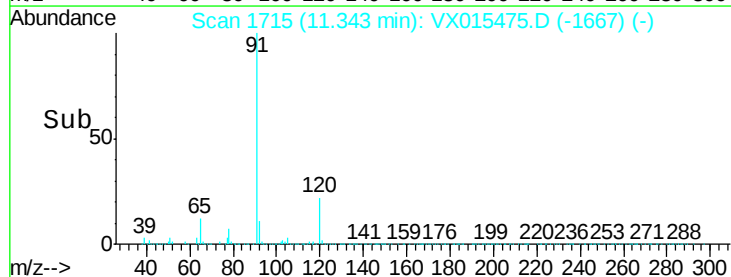
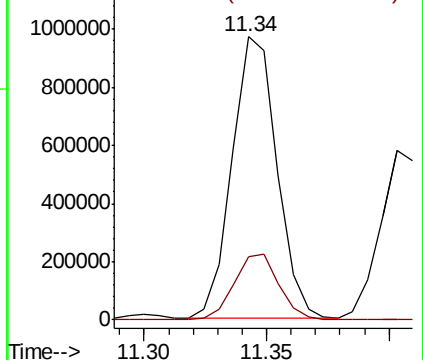
91 100

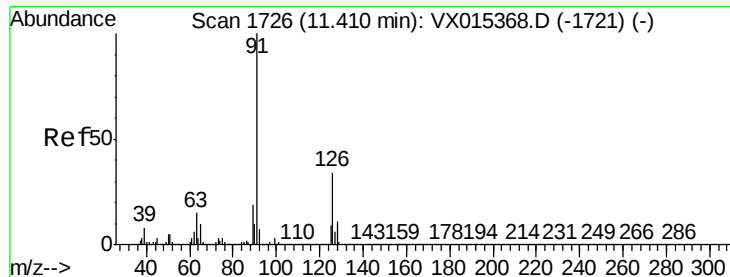
120 23.4 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.368 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

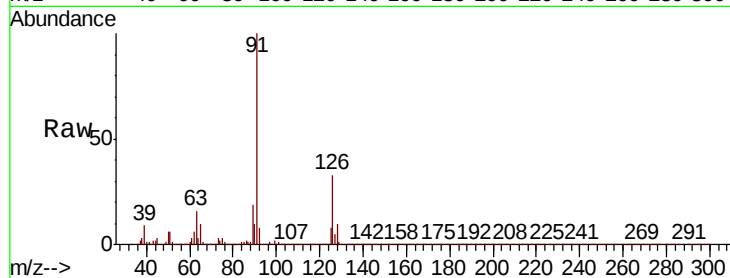
ClientSampled :

Tot Ion: 91 Resp: 742941

Ion Ratio Lower Upper

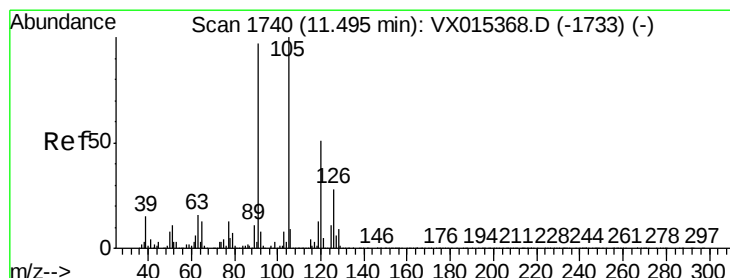
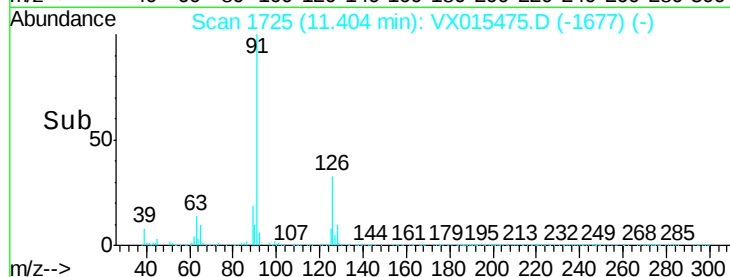
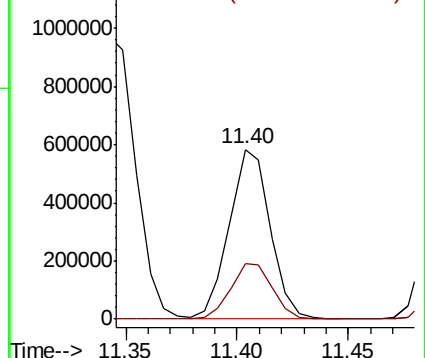
91 100

126 33.8 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.666 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015475.D

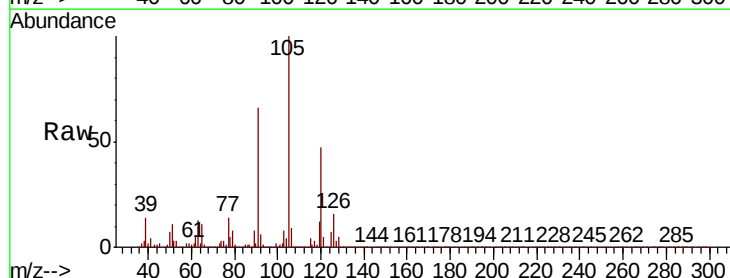
Acq: 02 Apr 2020 12:43

Tgt Ion:105 Resp: 919257

Ion Ratio Lower Upper

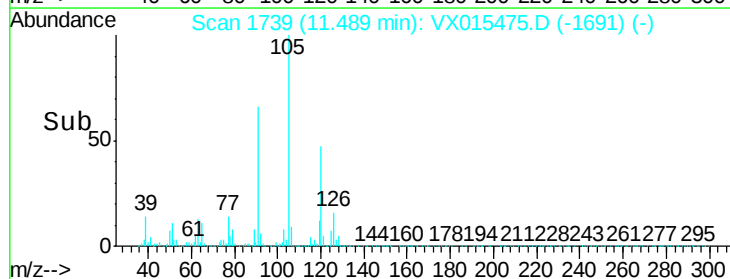
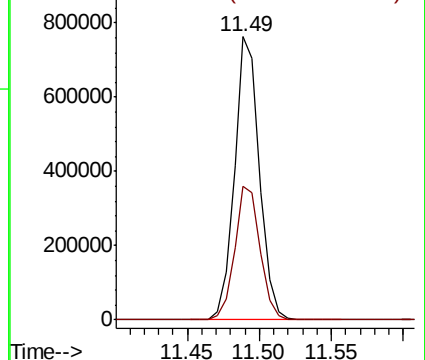
105 100

120 48.1 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.630 ug/l

RT: 11.06 min Scan# 1668

Delta R.T. -0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

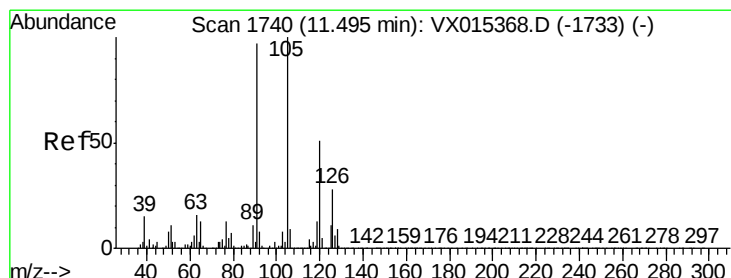
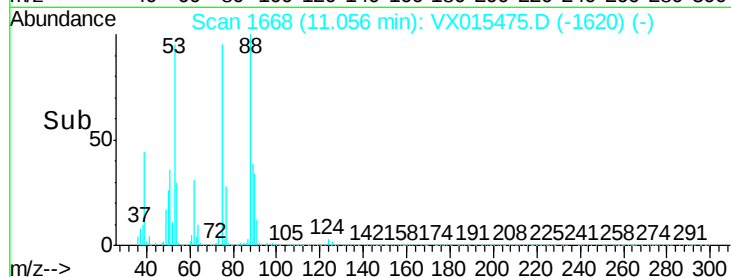
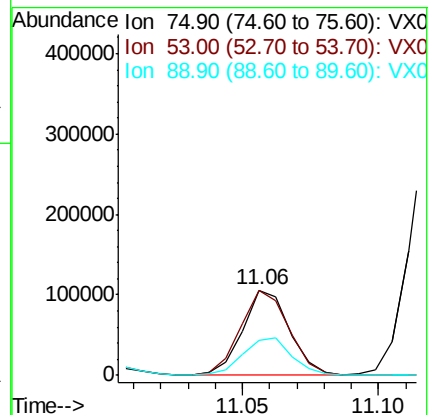
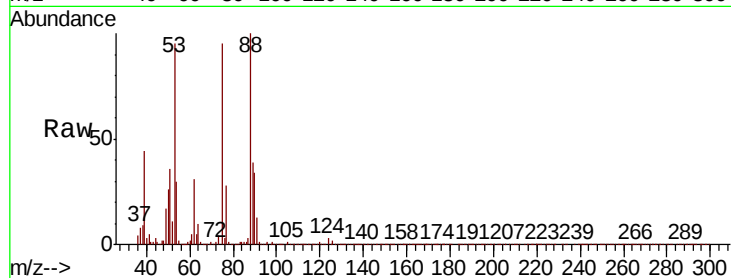
Tot Ion: 75 Resp: 126215

Ion Ratio Lower Upper

75 100

53 103.2 80.1 120.1

89 46.0 36.1 54.1



#82

4-Chlorotoluene

Concen: 19.798 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015475.D

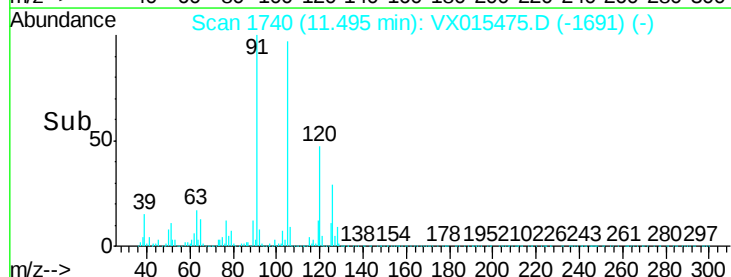
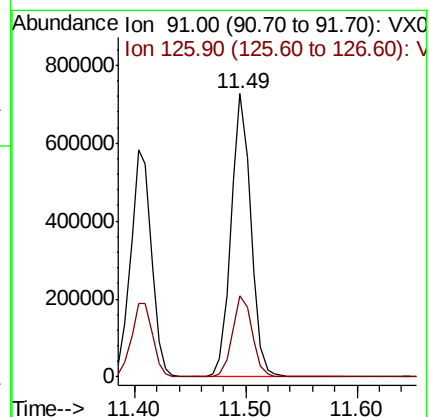
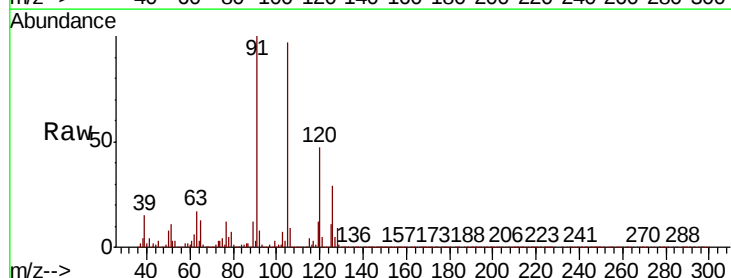
Acq: 02 Apr 2020 12:43

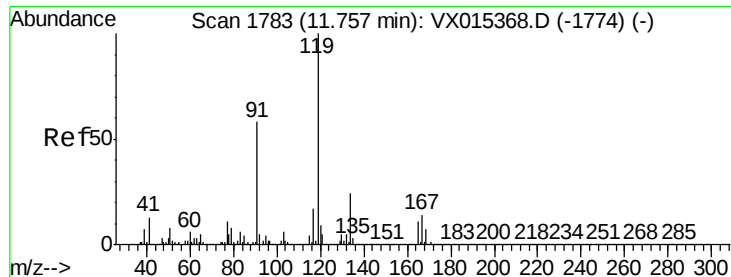
Tgt Ion: 91 Resp: 890311

Ion Ratio Lower Upper

91 100

126 28.7 14.7 44.1





#83

tert-Butylbenzene

Concen: 19.388 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

ClientSampled :

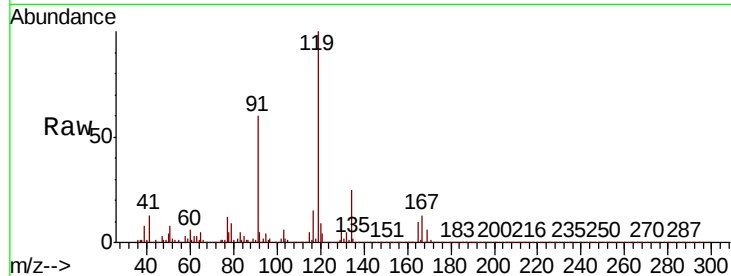
Tot Ion:119 Resp: 885215

Ion Ratio Lower Upper

119 100

91 58.4 28.6 85.8

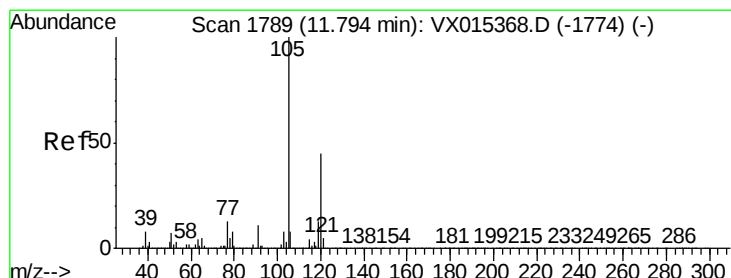
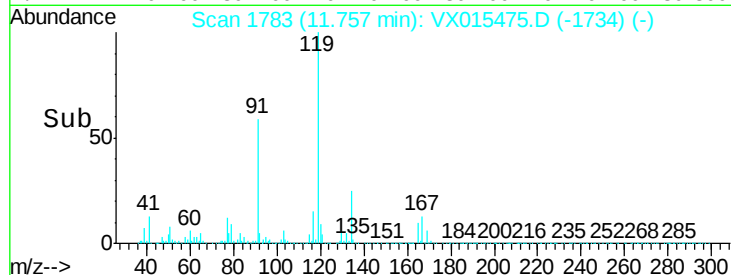
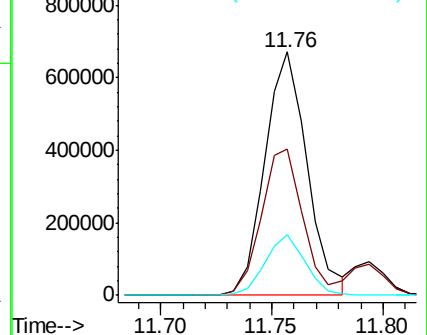
134 23.5 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.256 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX015475.D

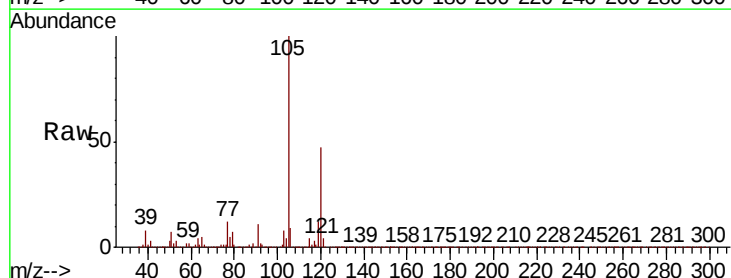
Acq: 02 Apr 2020 12:43

Tgt Ion:105 Resp: 917214

Ion Ratio Lower Upper

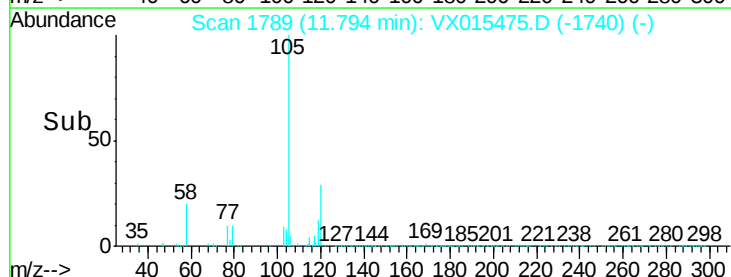
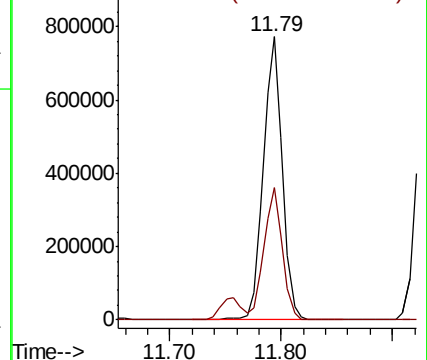
105 100

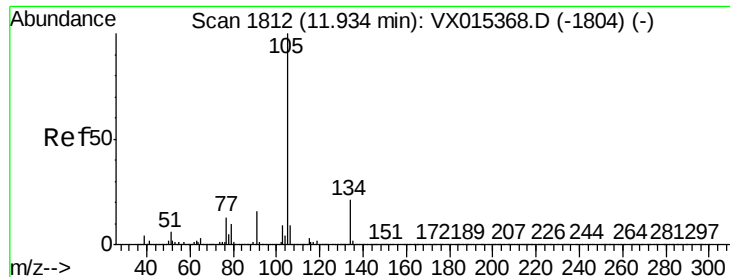
120 45.7 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.672 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

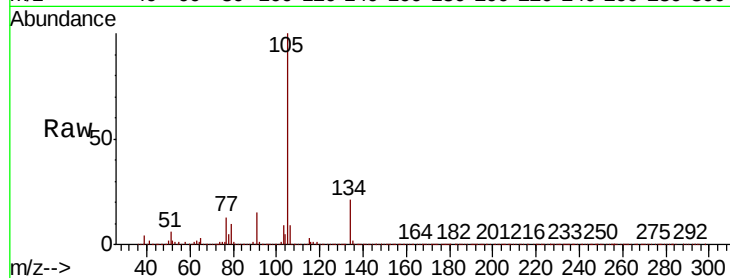
ClientSampleId :

Tot Ion:105 Resp: 1038765

Ion Ratio Lower Upper

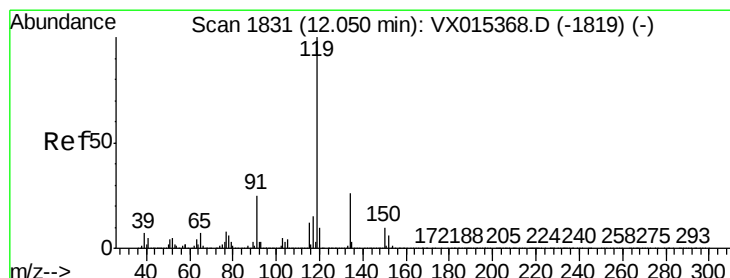
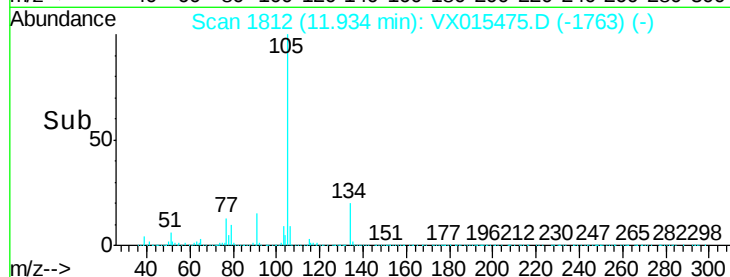
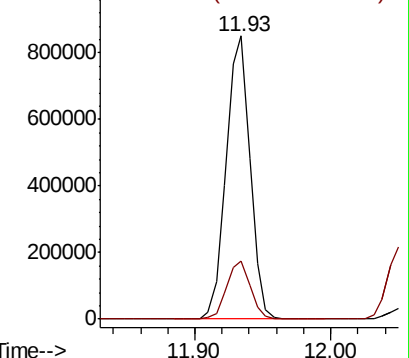
105 100

134 20.5 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.987 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

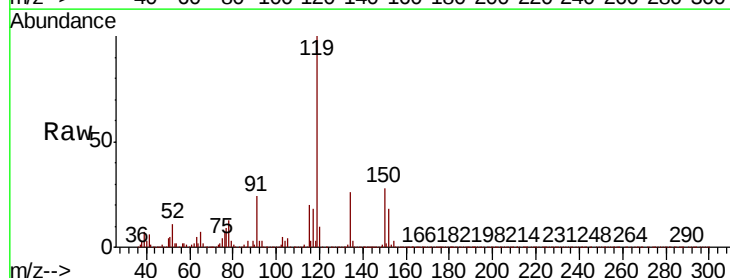
Tgt Ion:119 Resp: 979807

Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

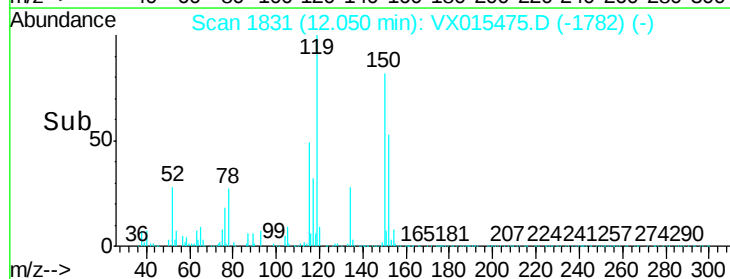
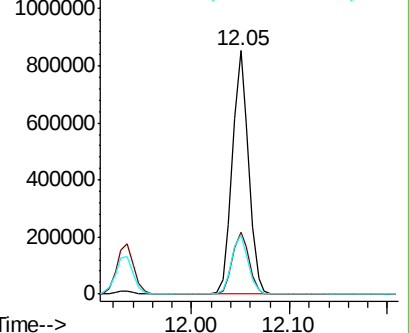
91 25.0 12.4 37.4

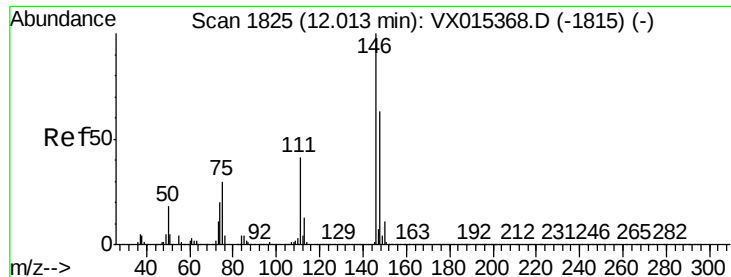


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

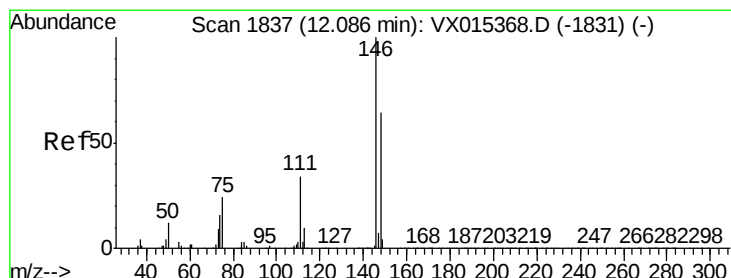
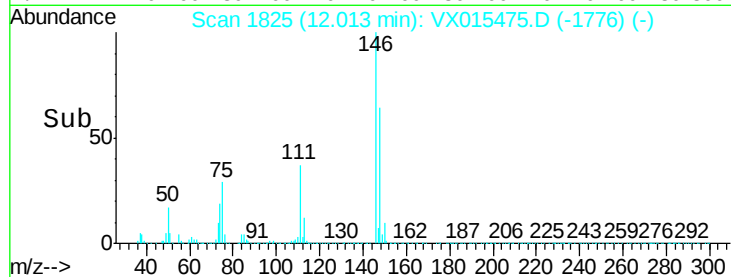
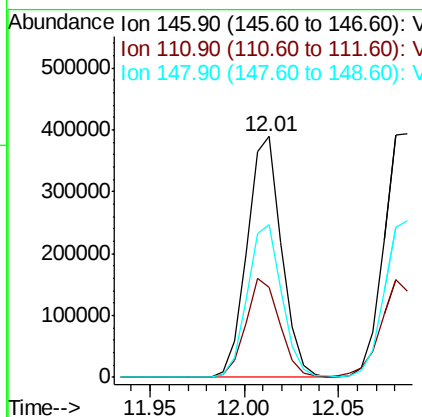
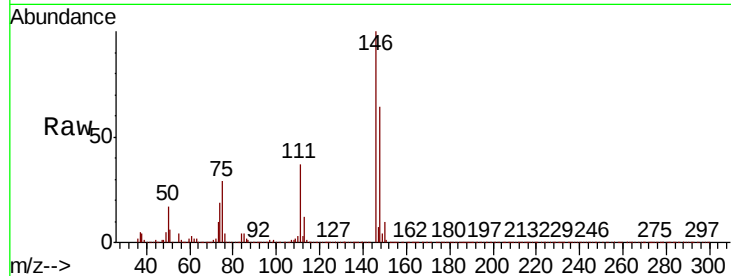




#87
 1,3-Dichlorobenzene
 Concen: 18.824 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015475.D
 Acq: 02 Apr 2020 12:43

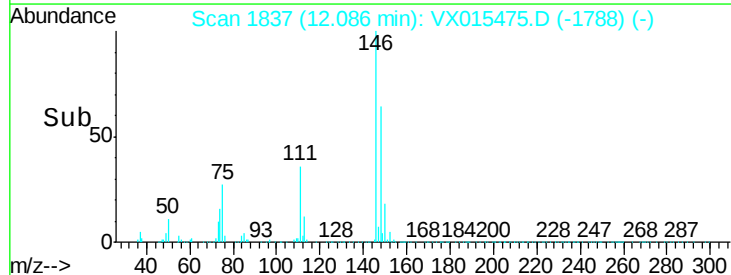
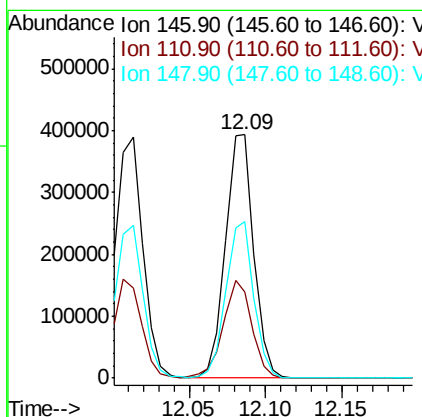
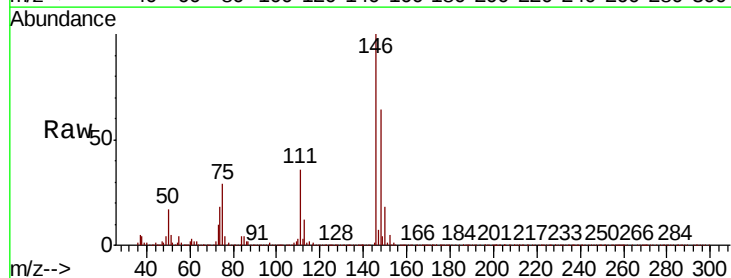
Instrument :
 MSVOA_X
 ClientSampleId :

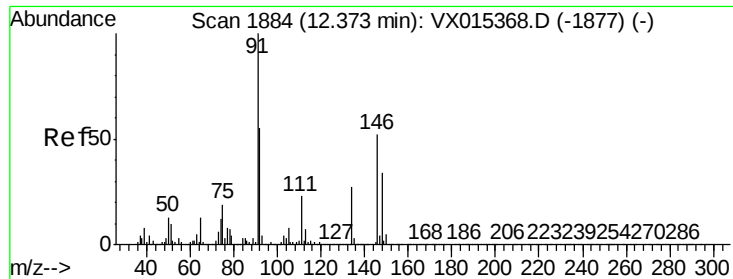
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.3	60.9
148	63.4	31.3	93.9



#88
 1,4-Dichlorobenzene
 Concen: 18.819 ug/l
 RT: 12.09 min Scan# 1837
 Delta R.T. 0.00 min
 Lab File: VX015475.D
 Acq: 02 Apr 2020 12:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.1	57.5
148	63.6	32.4	97.2





#89

n-Butylbenzene

Concen: 20.303 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

ClientSampled :

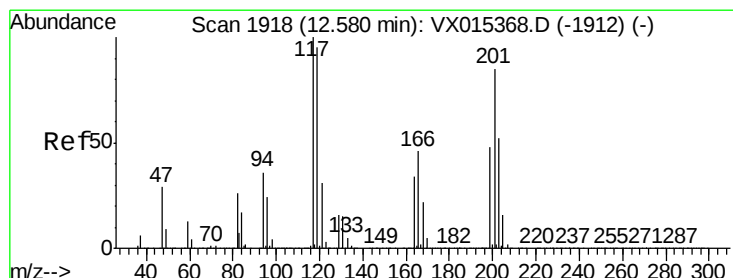
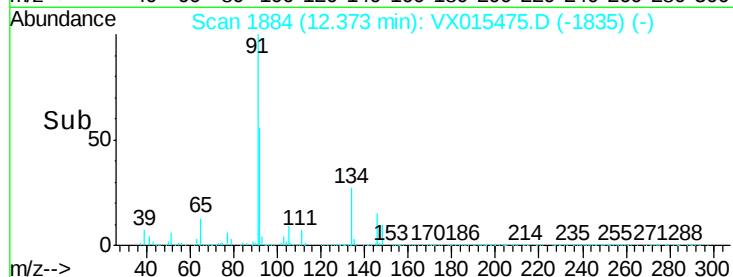
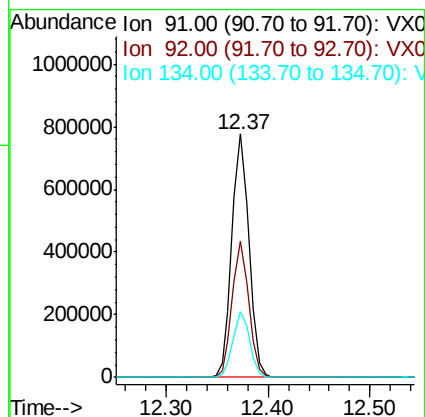
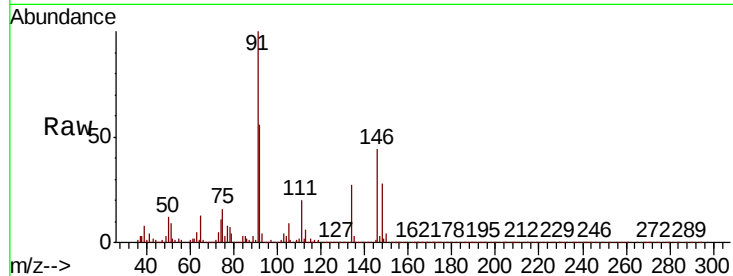
Tot Ion: 91 Resp: 899415

Ion Ratio Lower Upper

91 100

92 54.3 27.2 81.5

134 26.2 13.4 40.2



#90

Hexachloroethane

Concen: 18.408 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VX015475.D

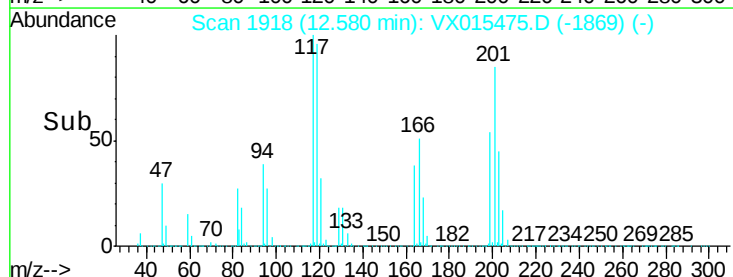
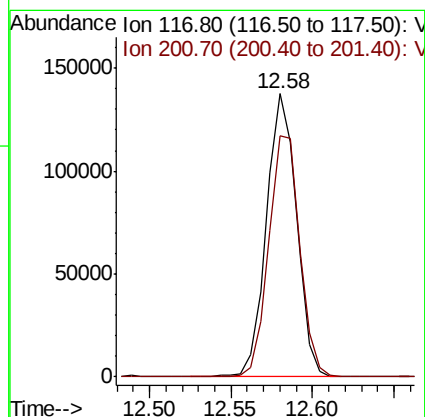
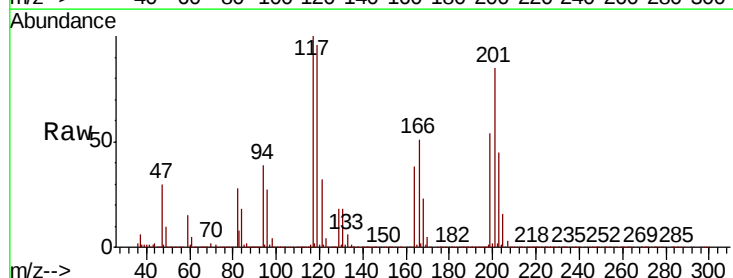
Acq: 02 Apr 2020 12:43

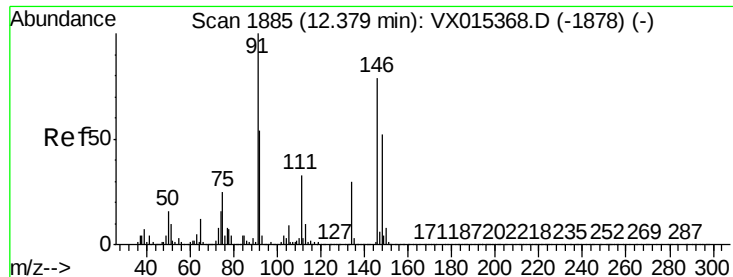
Tgt Ion: 117 Resp: 175638

Ion Ratio Lower Upper

117 100

201 88.7 42.6 128.0





#91

1,2-Dichlorobenzene

Concen: 19.026 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

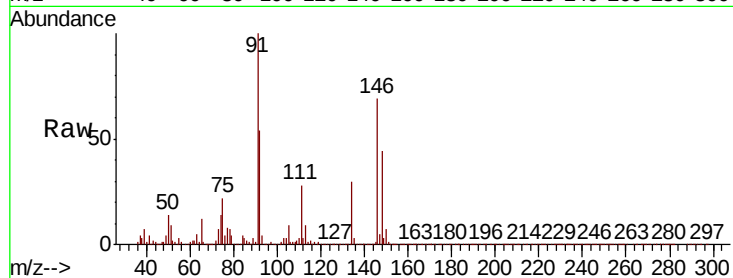
Tot Ion:146 Resp: 486627

Ion Ratio Lower Upper

146 100

111 41.5 21.0 63.0

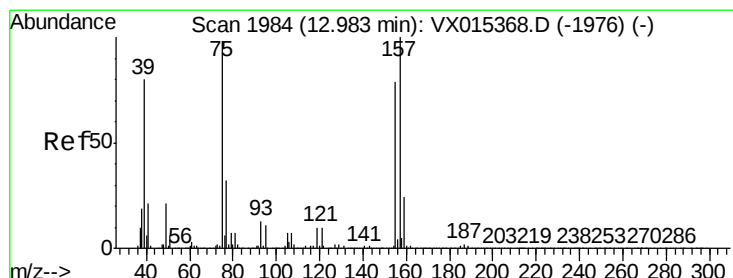
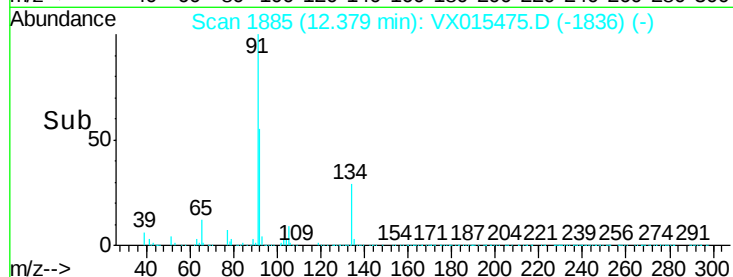
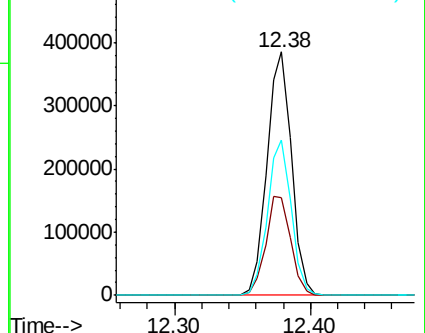
148 62.0 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.504 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

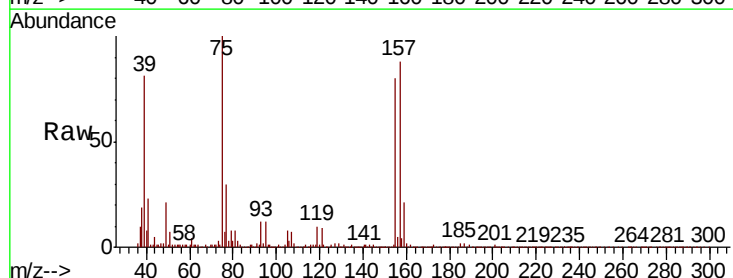
Tgt Ion: 75 Resp: 87486

Ion Ratio Lower Upper

75 100

155 81.9 42.8 128.4

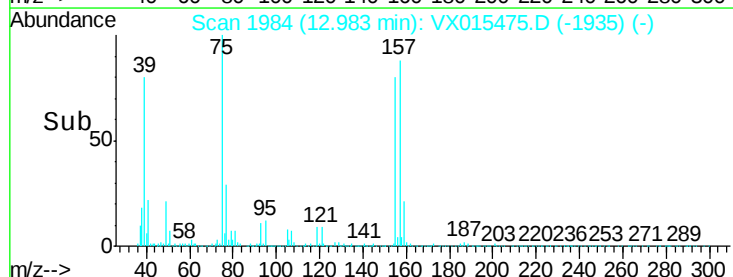
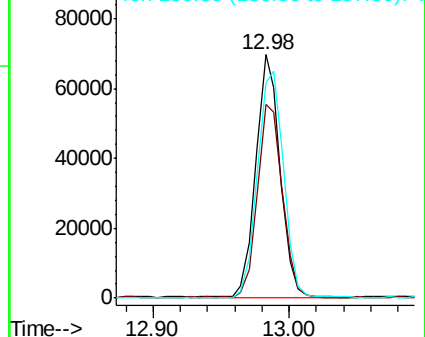
157 100.1 53.4 160.3

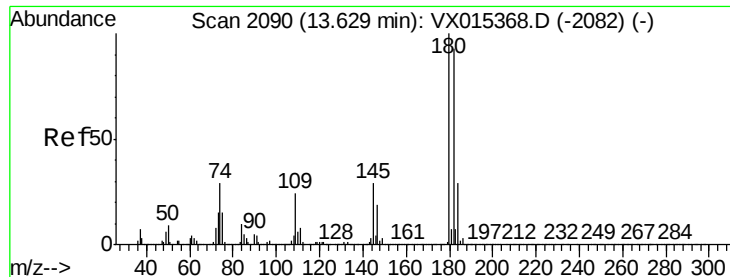


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

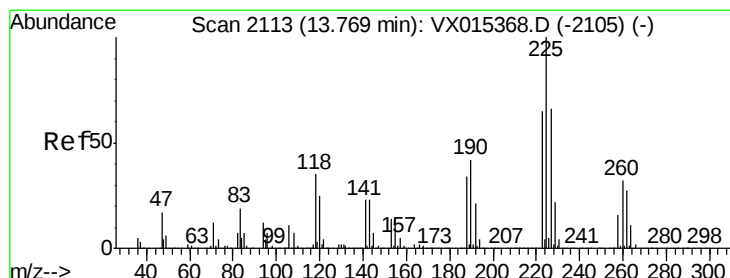
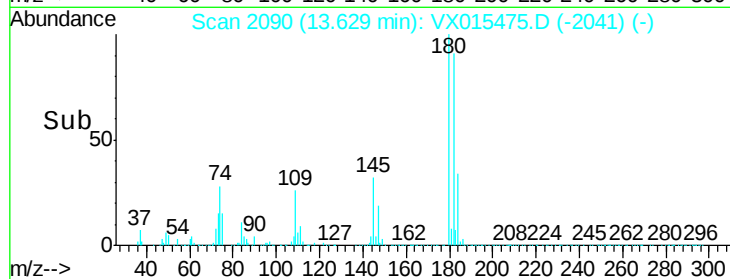
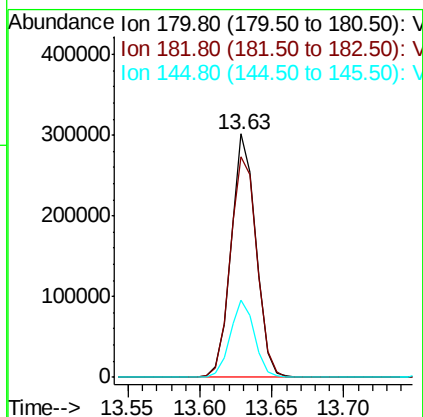
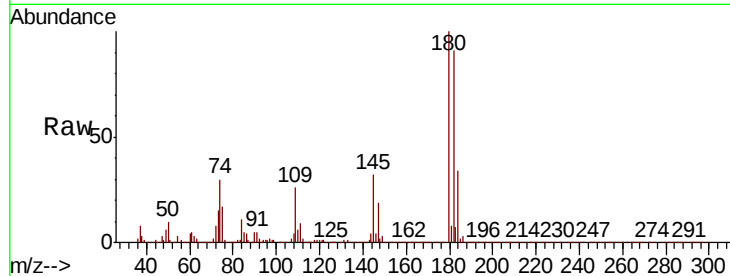




#93
 1,2,4-Trichlorobenzene
 Concen: 18.027 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015475.D
 Acq: 02 Apr 2020 12:43

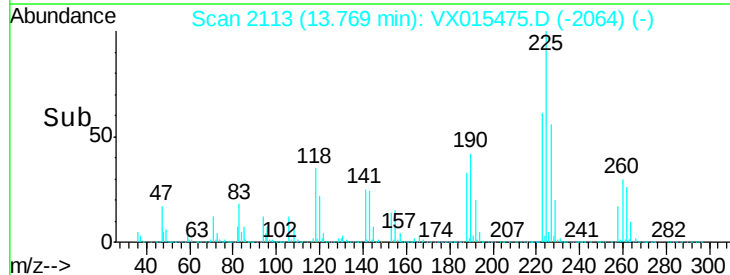
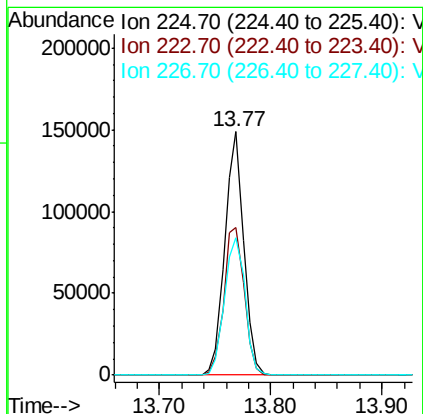
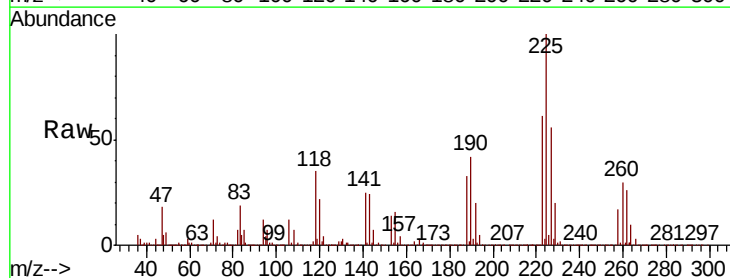
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.0	46.9	140.7
145	31.3	14.9	44.5



#94
 Hexachlorobutadiene
 Concen: 18.174 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015475.D
 Acq: 02 Apr 2020 12:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	31.9	95.7
227	61.0	30.4	91.3





#95

Naphthalene

Concen: 18.389 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

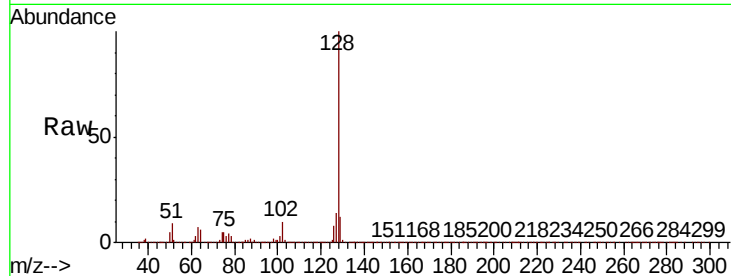
Tot Ion:128 Resp: 1134827

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

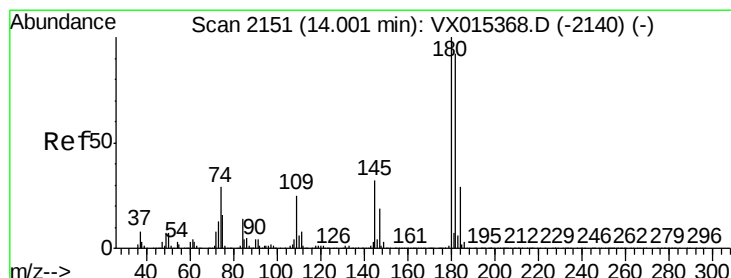
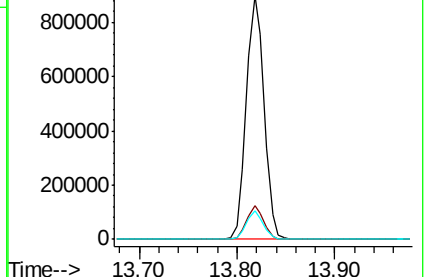
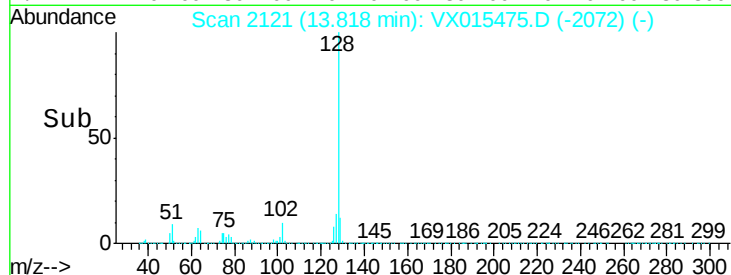
129 10.9 8.8 13.2



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: 18.595 ug/l

RT: 14.01 min Scan# 2152

Delta R.T. 0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

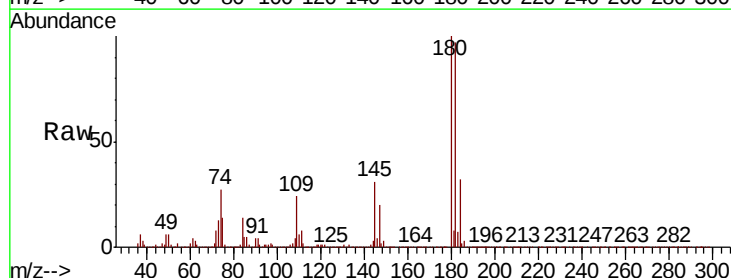
Tgt Ion:180 Resp: 362207

Ion Ratio Lower Upper

180 100

182 96.2 46.7 140.0

145 32.8 15.8 47.3



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

