

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042920\
 Data File : VX015969.D
 Acq On : 29 Apr 2020 11:52
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 30 05:31:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	284628	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	443715	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	404174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	213715	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	179954	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
35) Dibromofluoromethane	5.46	113	136018	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
50) Toluene-d8	8.70	98	509067	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.12	95	202528	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	150770	59.195	ug/l	98
3) Chloromethane	1.31	50	167502	54.264	ug/l	99
4) Vinyl Chloride	1.39	62	194490	55.481	ug/l	99
5) Bromomethane	1.62	94	121059	51.440	ug/l	98
6) Chloroethane	1.71	64	124648	53.455	ug/l	99
7) Trichlorofluoromethane	1.92	101	289717	54.678	ug/l	98
8) Diethyl Ether	2.17	74	114404	51.719	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	149725	56.689	ug/l	99
10) Methyl Iodide	2.49	142	210095	57.023	ug/l	100
11) Tert butyl alcohol	3.01	59	236461	261.763	ug/l	100
12) 1,1-Dichloroethene	2.36	96	148529	54.541	ug/l	98
13) Acrolein	2.27	56	72884	321.049	ug/l	99
14) Allyl chloride	2.70	41	277405	56.493	ug/l	99
15) Acrylonitrile	3.11	53	483519	269.949	ug/l	100
16) Acetone	2.42	43	378405	237.790	ug/l	98
17) Carbon Disulfide	2.55	76	437337	55.074	ug/l	100
18) Methyl Acetate	2.75	43	241931	53.575	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	547929	55.630	ug/l	100
20) Methylene Chloride	2.83	84	166894	52.978	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	163871	53.394	ug/l	98
22) Diisopropyl ether	3.82	45	544229	56.373	ug/l	94
23) Vinyl Acetate	3.78	43	2388048	284.759	ug/l	99
24) 1,1-Dichloroethane	3.67	63	299620	55.713	ug/l	99
25) 2-Butanone	4.63	43	662556	256.930	ug/l	100
26) 2,2-Dichloropropane	4.55	77	288305	58.632	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	187201	53.750	ug/l	97
28) Bromochloromethane	4.98	49	128535	49.391	ug/l	98
29) Tetrahydrofuran	5.09	42	451945	267.424	ug/l	99
30) Chloroform	5.18	83	306591	54.825	ug/l	99
31) Cyclohexane	5.55	56	271198	56.645	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	282351	54.837	ug/l	99
36) 1,1-Dichloropropene	5.77	75	233774	55.317	ug/l	100
37) Ethyl Acetate	4.79	43	271301	55.985	ug/l	99
38) Carbon Tetrachloride	5.75	117	253402	56.768	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	283894	58.075	ug/l	97
40) Benzene	6.11	78	668565	55.444	ug/l	99
41) Methacrylonitrile	5.00	41	147426	56.835	ug/l	98
42) 1,2-Dichloroethane	6.16	62	259353	55.510	ug/l	99
43) Isopropyl Acetate	6.41	43	450237	56.106	ug/l	99
44) Trichloroethene	7.19	130	248335	57.137	ug/l	97
45) 1,2-Dichloropropane	7.49	63	173022	55.520	ug/l	98
46) Dibromomethane	7.63	93	121014	54.649	ug/l	98
47) Bromodichloromethane	7.87	83	254468	57.828	ug/l	99
48) Methyl methacrylate	7.74	41	211651	57.126	ug/l	99
49) 1,4-Dioxane	7.71	88	92275	1058.682	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1364973	280.426	ug/l	100
52) Toluene	8.76	92	433783	56.673	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	298718	57.211	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	304949	56.787	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	171297	56.001	ug/l	99
56) Ethyl methacrylate	9.16	69	287007	57.704	ug/l	99
57) 1,3-Dichloropropane	9.35	76	293689	55.881	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	685310	266.631	ug/l	99
59) 2-Hexanone	9.47	43	1043872	274.416	ug/l	100
60) Dibromochloromethane	9.57	129	197891	57.801	ug/l	99
61) 1,2-Dibromoethane	9.65	107	187460	56.516	ug/l	100
64) Tetrachloroethene	9.32	164	278200	58.022	ug/l	99
65) Chlorobenzene	10.12	112	469498	57.033	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	180086	57.881	ug/l	98
67) Ethyl Benzene	10.24	91	846023	57.710	ug/l	99
68) m/p-Xylenes	10.34	106	644963	115.942	ug/l	100
69) o-Xylene	10.68	106	310769	58.841	ug/l	100
70) Styrene	10.70	104	531672	58.668	ug/l	100
71) Bromoform	10.84	173	152660	53.682	ug/l #	99
73) Isopropylbenzene	11.00	105	846484	58.223	ug/l	100
74) N-amyl acetate	10.88	43	399868	57.027	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	146150	43.802	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	344416	76.802	ug/l	82
77) Bromobenzene	11.24	156	212807	56.865	ug/l	99
78) n-propylbenzene	11.34	91	976806	58.405	ug/l	99
79) 2-Chlorotoluene	11.40	91	571368	57.339	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	715557	58.427	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	109786	57.853	ug/l #	87
82) 4-Chlorotoluene	11.49	91	687744	57.706	ug/l	99
83) tert-Butylbenzene	11.76	119	610102	57.776	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	726874	58.972	ug/l	99
85) sec-Butylbenzene	11.93	105	842094	59.190	ug/l	100
86) p-Isopropyltoluene	12.05	119	795519	59.696	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	384889	56.398	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	382778	55.498	ug/l	99
89) n-Butylbenzene	12.37	91	722705	60.021	ug/l	100
90) Hexachloroethane	12.58	117	137370	58.342	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	364503	55.855	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	64148	53.443	ug/l	98

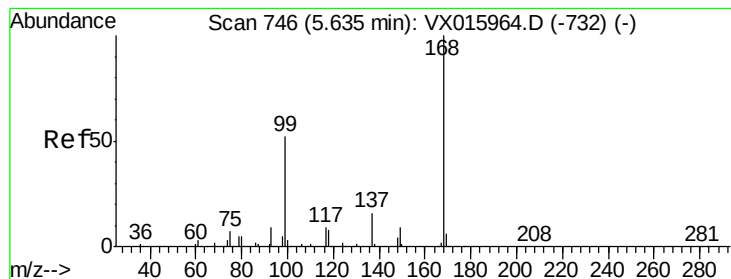
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042920\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	271734	55.477	ug/l	97
94) Hexachlorobutadiene	13.77	225	126694	57.893	ug/l	99
95) Naphthalene	13.82	128	865466	56.023	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	264144	56.005	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA_X

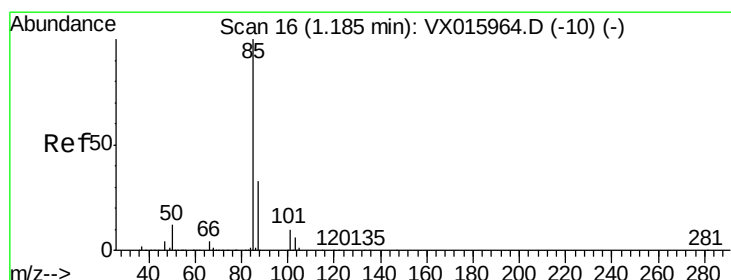
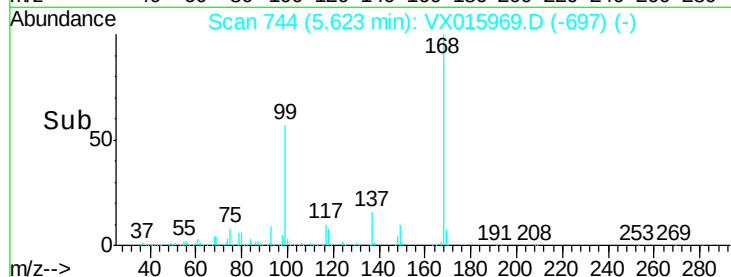
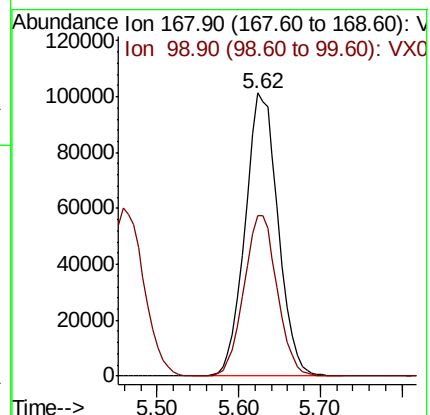
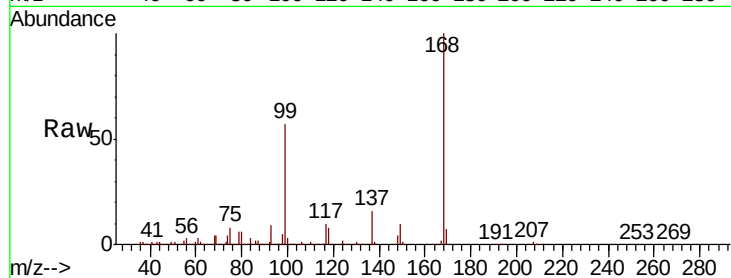
ClientSampled :

Tot Ion:168 Resp: 284628

Ion Ratio Lower Upper

168 100

99 56.5 41.7 62.5



#2

Dichlorodifluoromethane

Concen: 59.195 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX015969.D

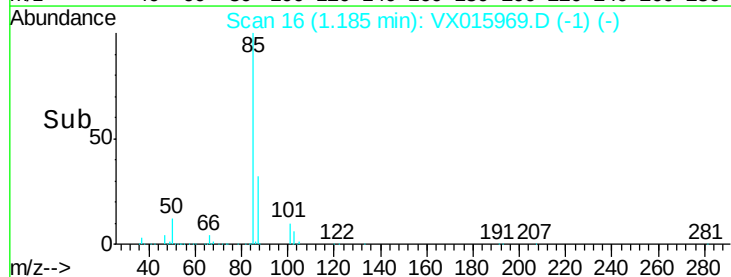
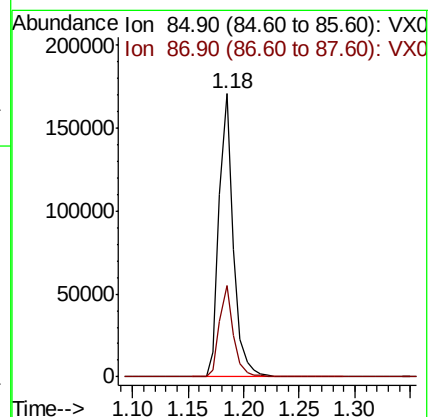
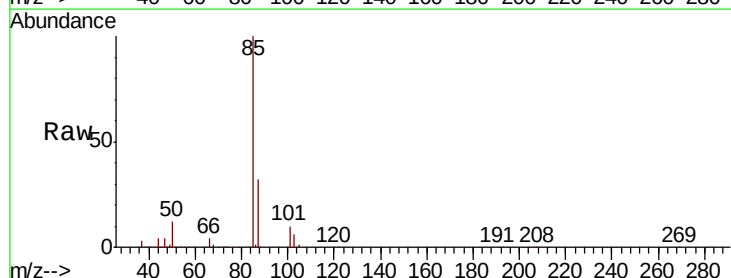
Acq: 29 Apr 2020 11:52

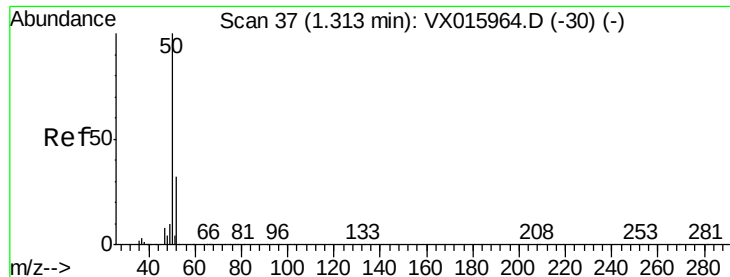
Tgt Ion: 85 Resp: 150770

Ion Ratio Lower Upper

85 100

87 32.1 16.7 50.1





#3

Chloromethane

Concen: 54.264 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA_X

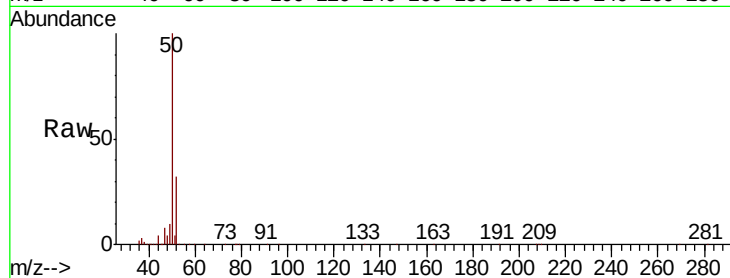
ClientSampleId :

Tot Ion: 50 Resp: 167502

Ion Ratio Lower Upper

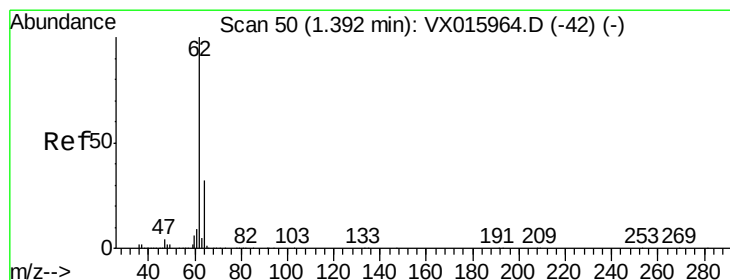
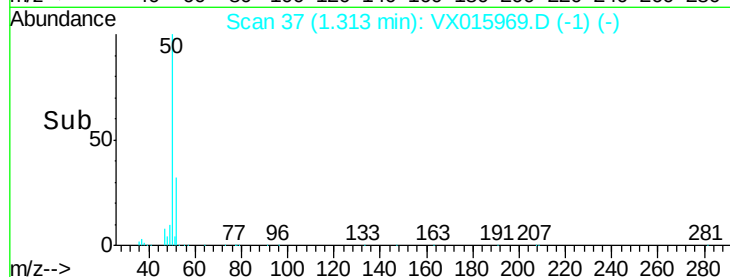
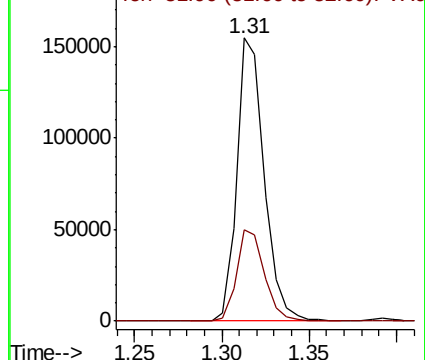
50 100

52 32.5 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 55.481 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015969.D

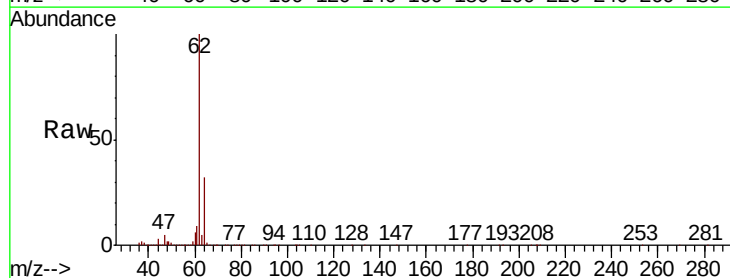
Acq: 29 Apr 2020 11:52

Tgt Ion: 62 Resp: 194490

Ion Ratio Lower Upper

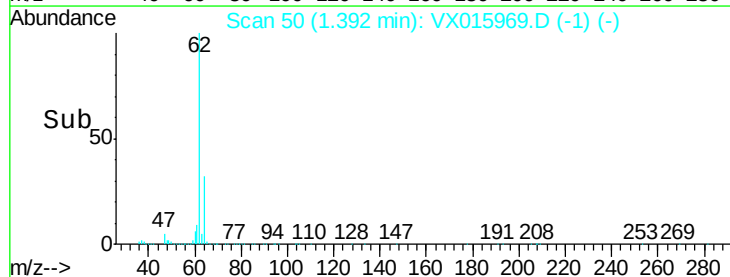
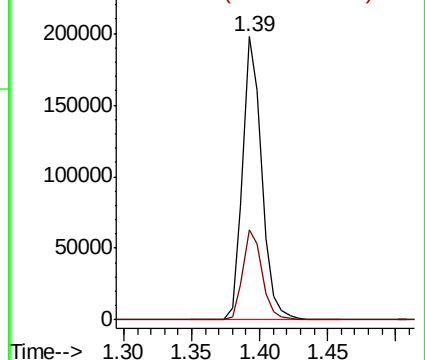
62 100

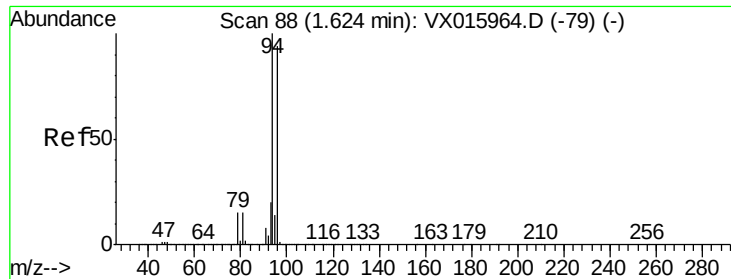
64 31.7 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

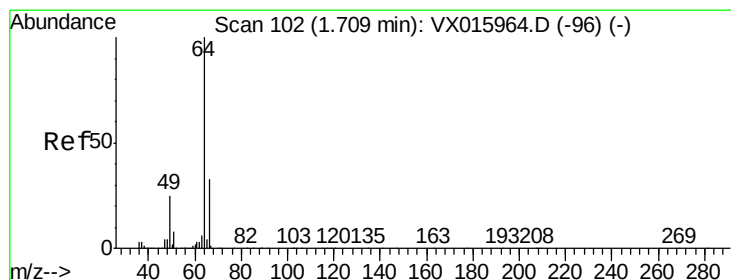
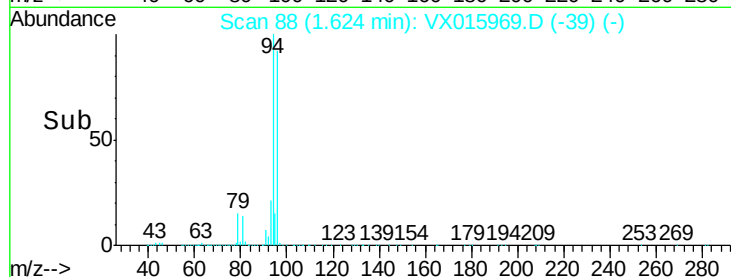
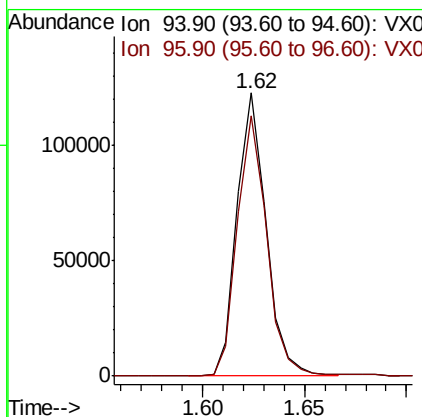
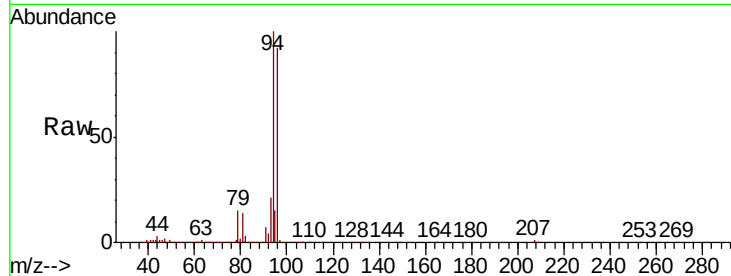




#5
Bromomethane
Concen: 51.440 ug/l
RT: 1.62 min Scan# 88
Delta R.T. 0.00 min
Lab File: VX015969.D
Acq: 29 Apr 2020 11:52

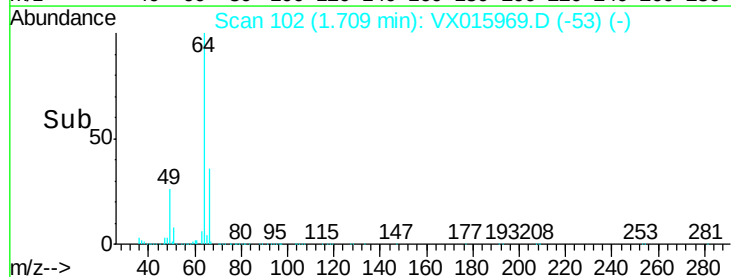
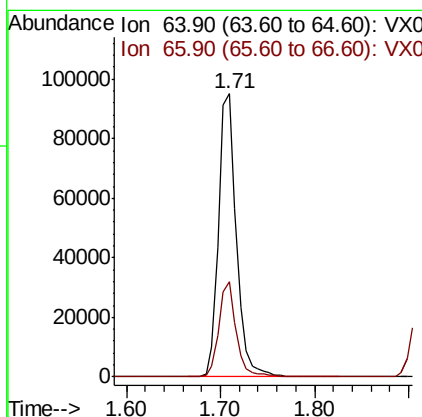
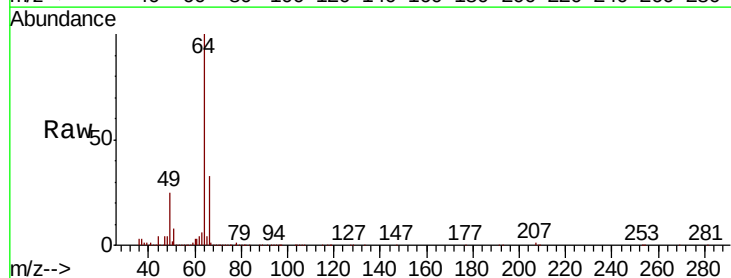
Instrument :
MSVOA_X
ClientSampled :

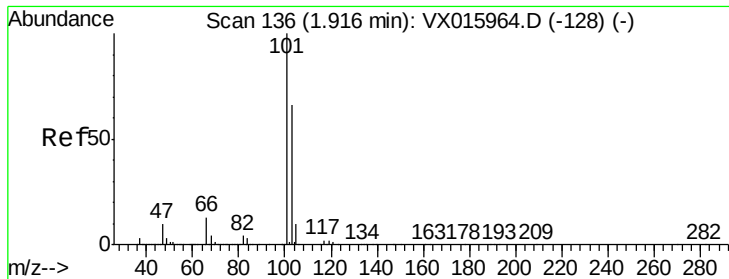
Tot Ion: 94 Resp: 121059
Ion Ratio Lower Upper
94 100
96 92.0 74.9 112.3



#6
Chloroethane
Concen: 53.455 ug/l
RT: 1.71 min Scan# 102
Delta R.T. 0.00 min
Lab File: VX015969.D
Acq: 29 Apr 2020 11:52

Tgt Ion: 64 Resp: 124648
Ion Ratio Lower Upper
64 100
66 33.4 26.2 39.2



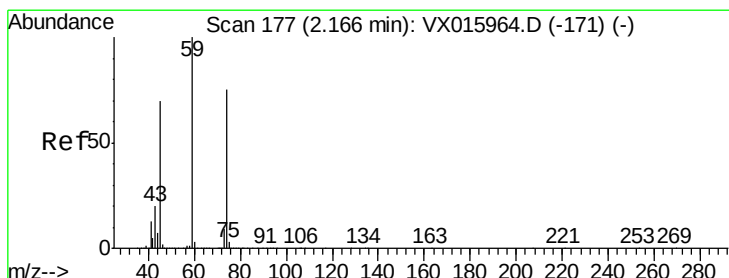
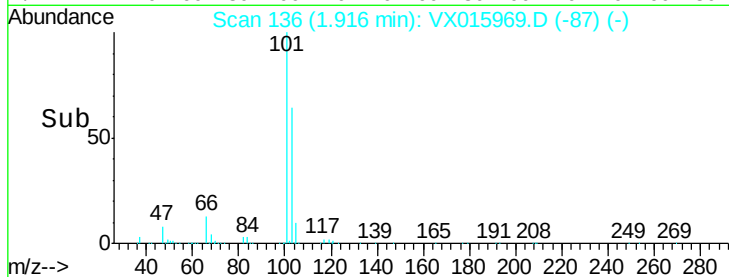
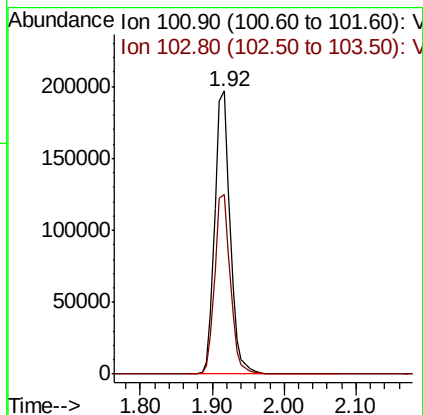
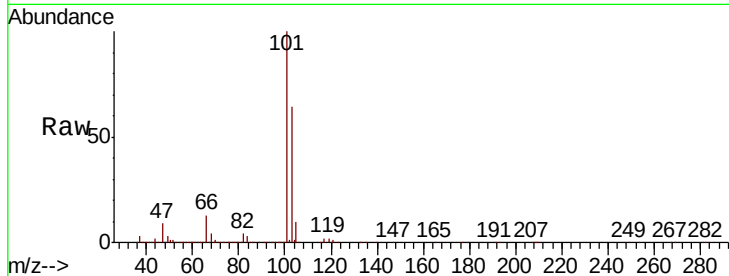


#7

Trichlorofluoromethane
Concen: 54.678 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX015969.D
Acq: 29 Apr 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :

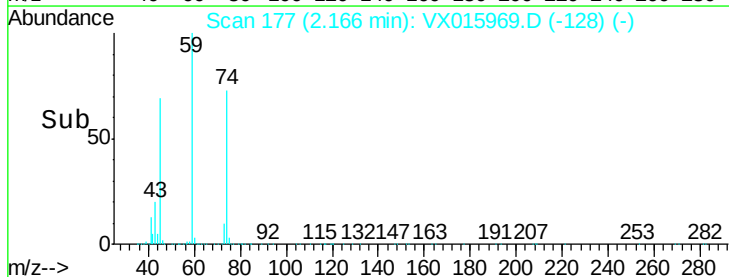
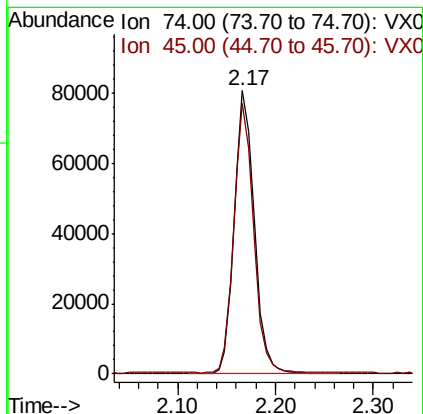
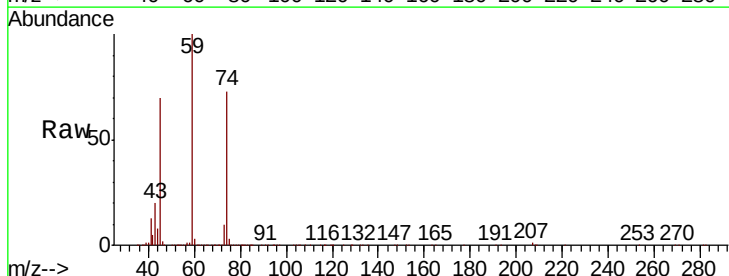
Tot Ion:101 Resp: 289717
Ion Ratio Lower Upper
101 100
103 63.6 52.4 78.6

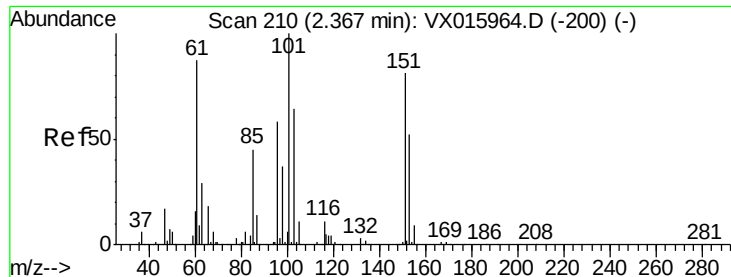


#8

Diethyl Ether
Concen: 51.719 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX015969.D
Acq: 29 Apr 2020 11:52

Tgt Ion: 74 Resp: 114404
Ion Ratio Lower Upper
74 100
45 94.6 47.1 141.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.689 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

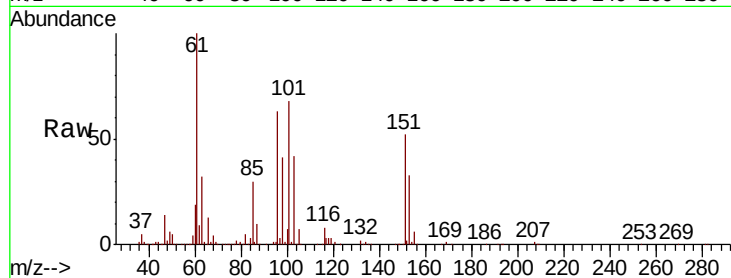
Tot Ion:101 Resp: 149725

Ion Ratio Lower Upper

101 100

85 44.6 36.3 54.5

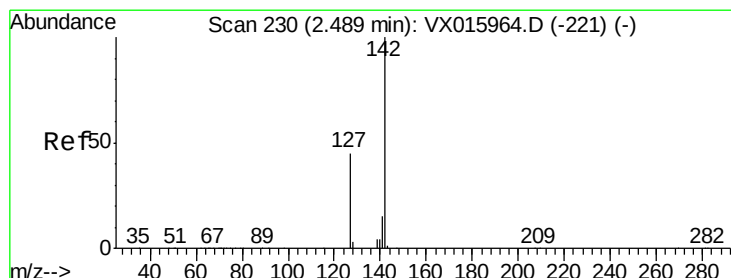
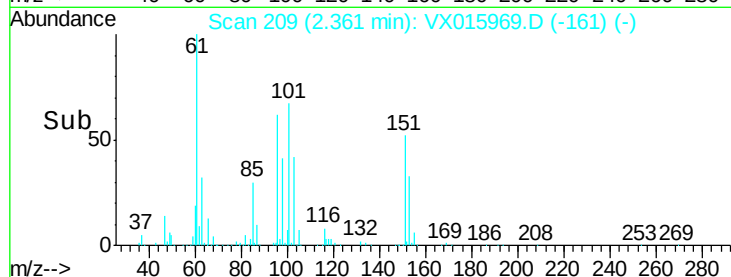
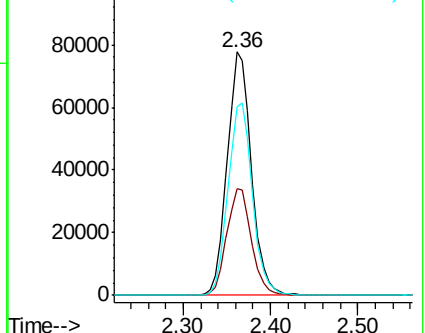
151 79.9 63.1 94.7



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: 57.023 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

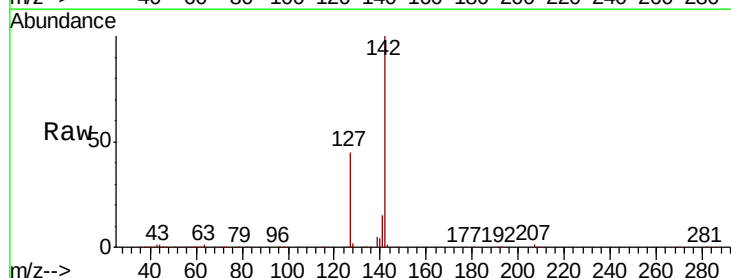
Tgt Ion:142 Resp: 210095

Ion Ratio Lower Upper

142 100

127 45.7 36.5 54.7

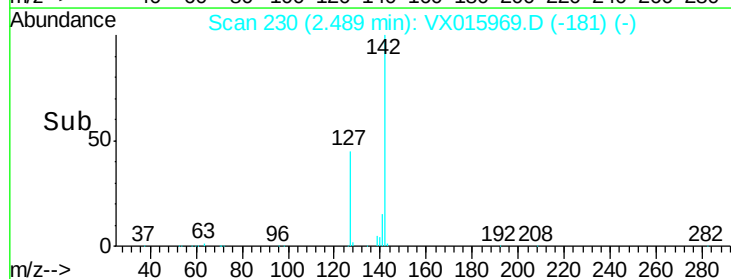
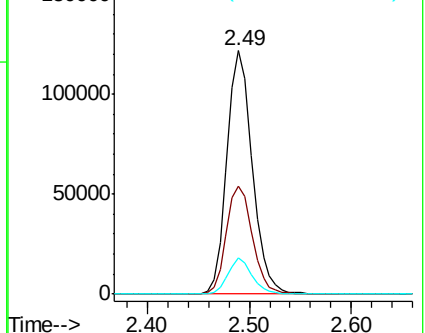
141 14.2 11.6 17.4

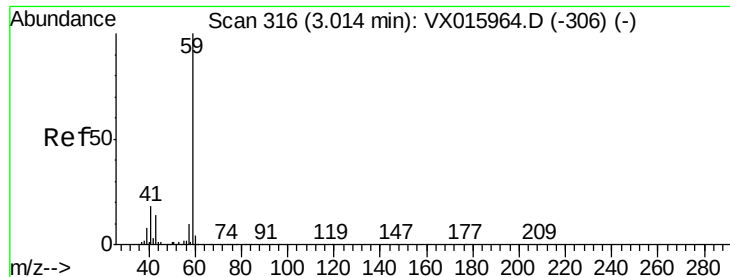


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



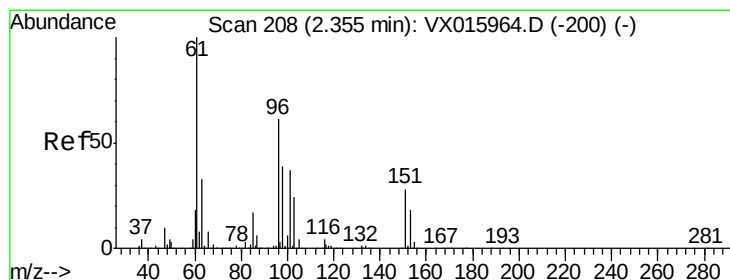
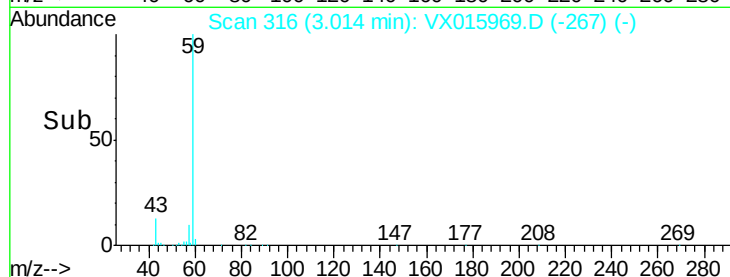
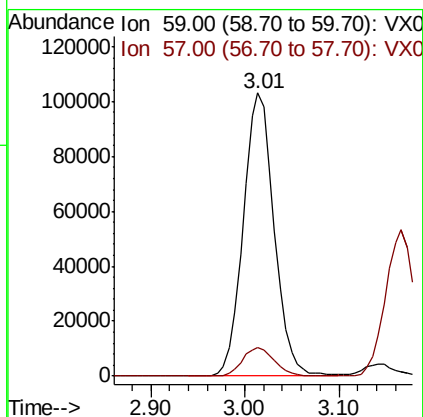
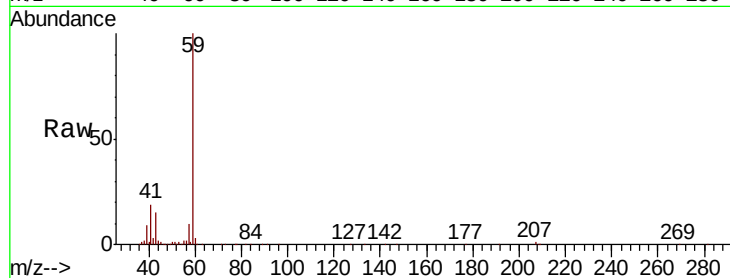


#11

Tert butyl alcohol
Concen: 261.763 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX015969.D
Acq: 29 Apr 2020 11:52

Instrument :
MSVOA_X
ClientSampled :

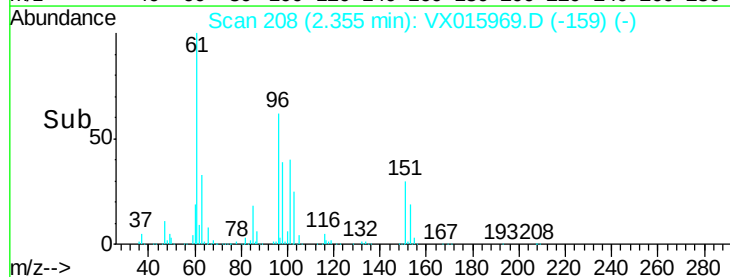
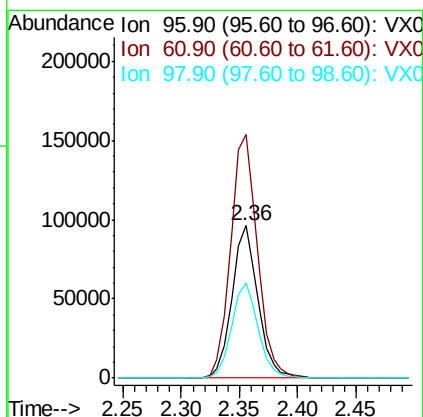
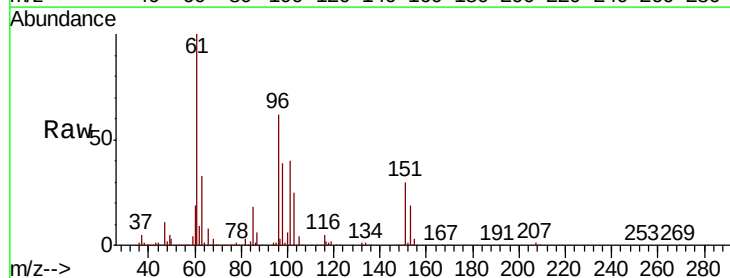
Tot Ion: 59 Resp: 236461
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

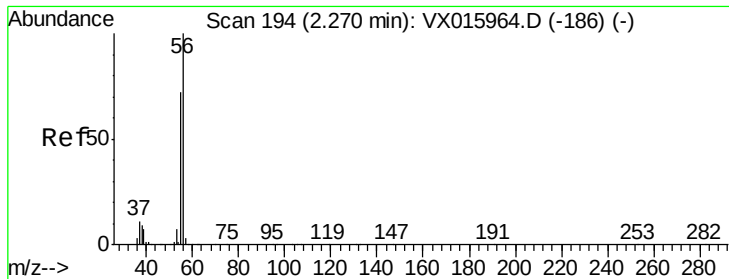


#12

1,1-Dichloroethene
Concen: 54.541 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX015969.D
Acq: 29 Apr 2020 11:52

Tgt Ion: 96 Resp: 148529
Ion Ratio Lower Upper
96 100
61 160.3 131.0 196.4
98 62.2 50.7 76.1





#13

Acrolein

Concen: 321.049 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

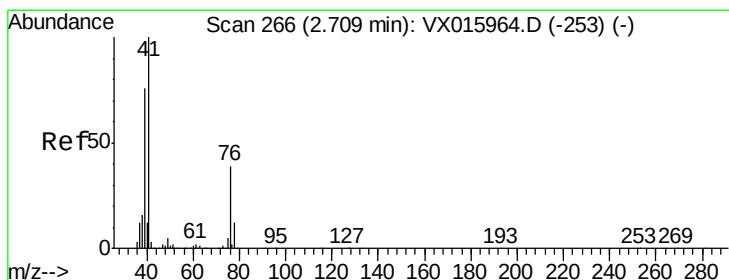
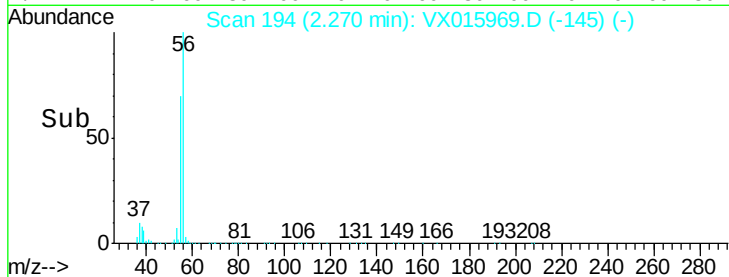
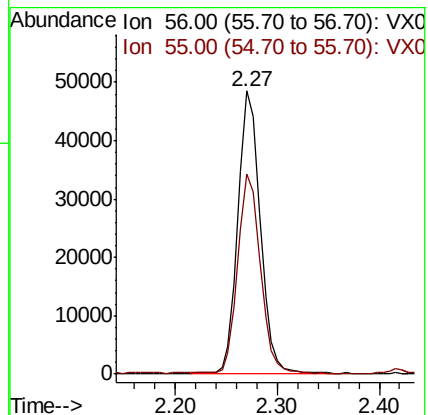
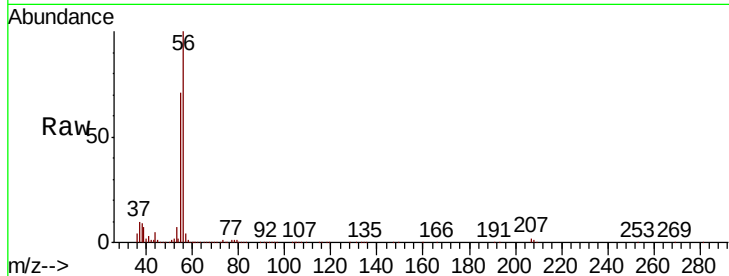
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 72884

Ion Ratio Lower Upper

56 100

55 72.1 56.9 85.3



#14

Allyl chloride

Concen: 56.493 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

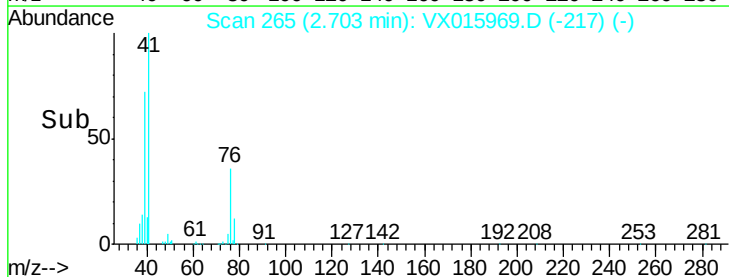
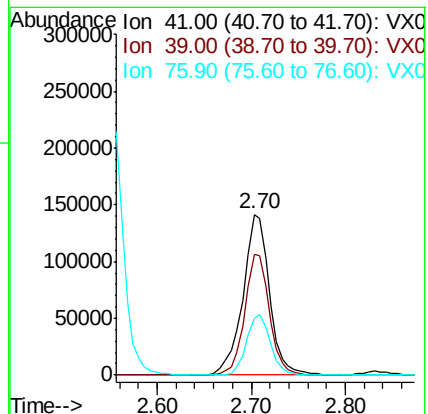
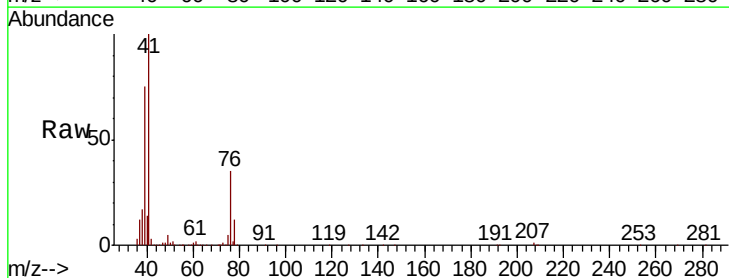
Tgt Ion: 41 Resp: 277405

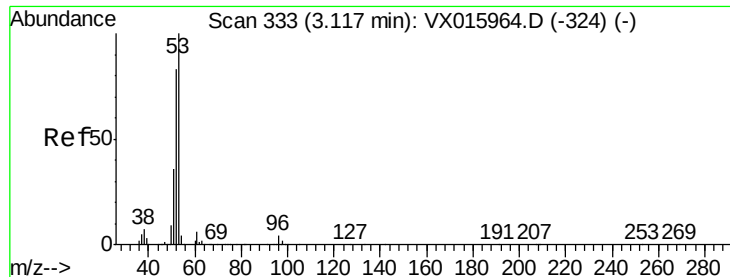
Ion Ratio Lower Upper

41 100

39 70.0 55.4 83.0

76 33.9 27.1 40.7

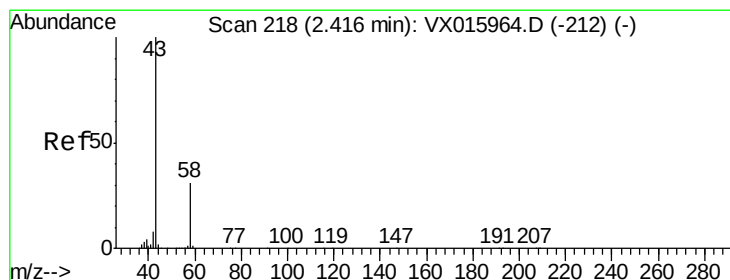
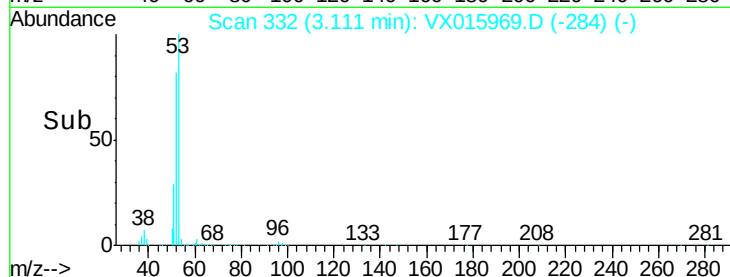
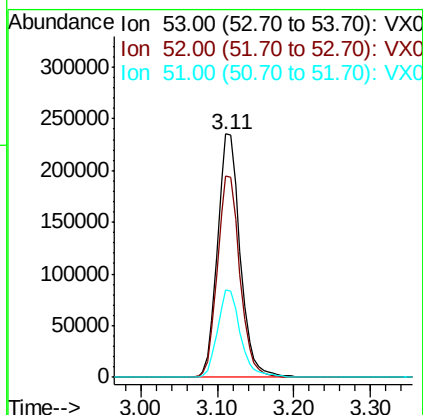
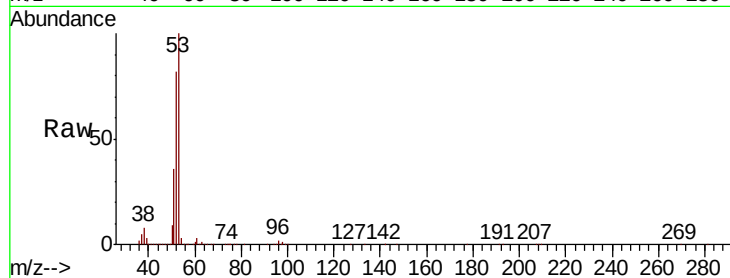




#15
 Acrylonitrile
 Concen: 269.949 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX015969.D
 Acq: 29 Apr 2020 11:52

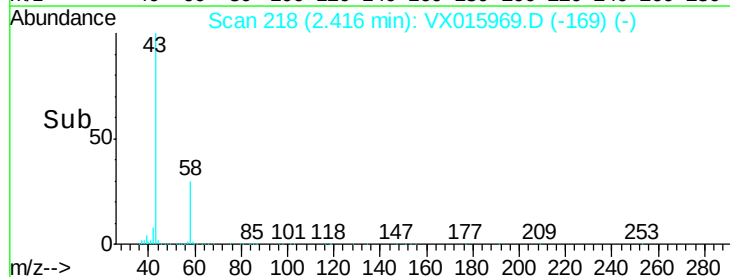
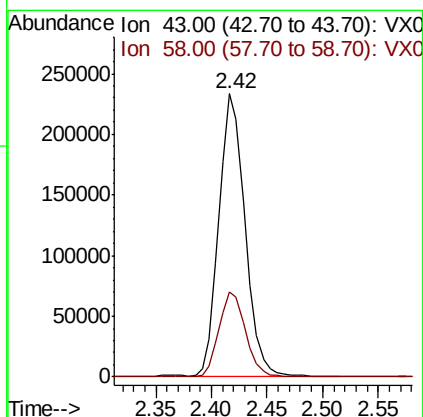
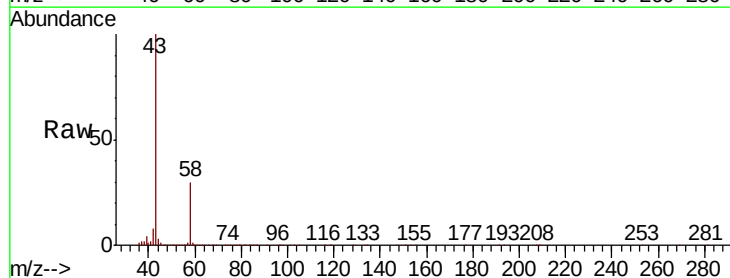
Instrument :
 MSVOA_X
 ClientSampleId :

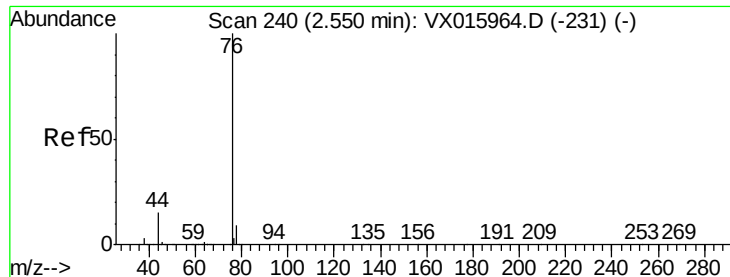
Tot Ion	53	Resp	483519
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.5	98.3
51	36.4	28.7	43.1



#16
 Acetone
 Concen: 237.790 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX015969.D
 Acq: 29 Apr 2020 11:52

Tgt Ion	43	Resp	378405
Ion	Ratio	Lower	Upper
43	100		
58	30.1	25.1	37.7





#17

Carbon Disulfide

Concen: 55.074 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA_X

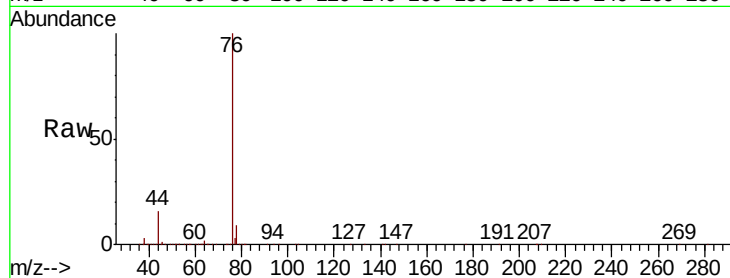
ClientSampleId :

Tot Ion: 76 Resp: 437337

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

250000

200000

150000

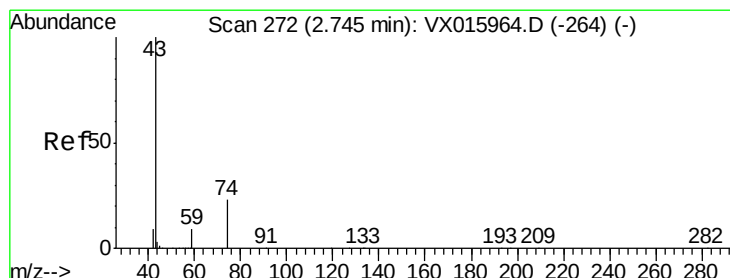
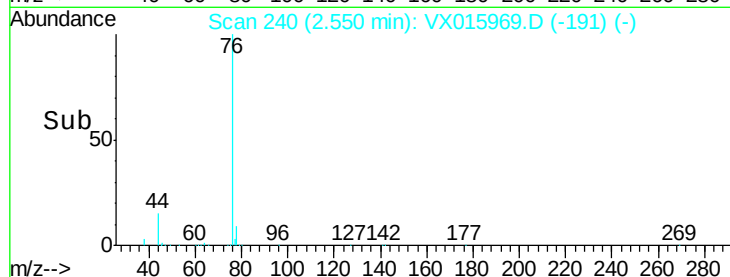
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 53.575 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX015969.D

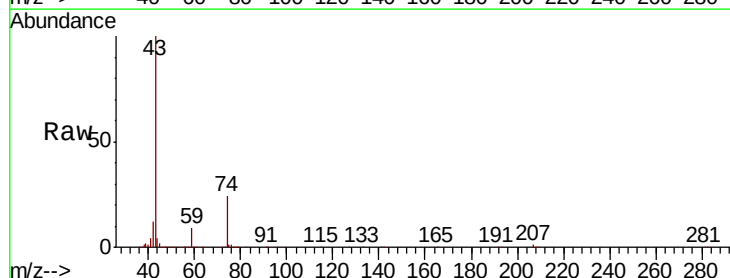
Acq: 29 Apr 2020 11:52

Tgt Ion: 43 Resp: 241931

Ion Ratio Lower Upper

43 100

74 24.6 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

150000

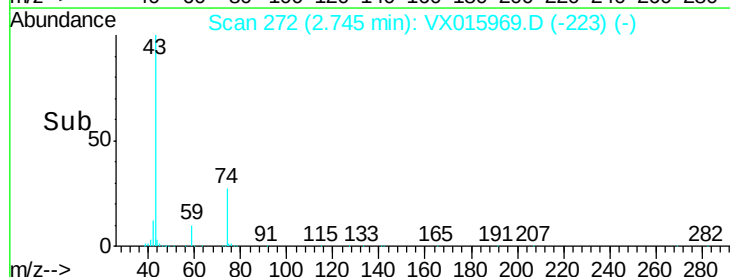
100000

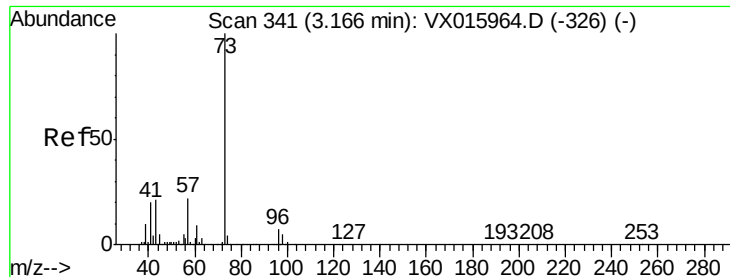
50000

0

2.65 2.70 2.75 2.80 2.85

Time-->



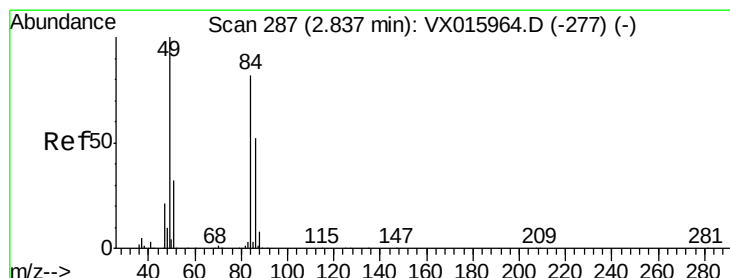
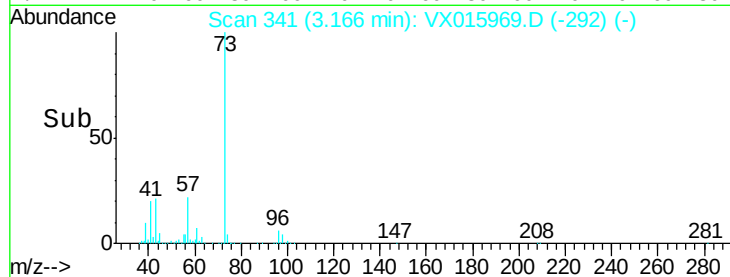
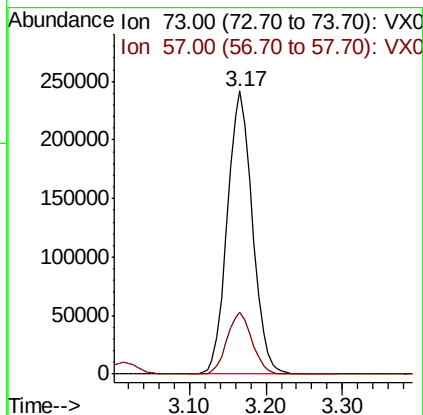
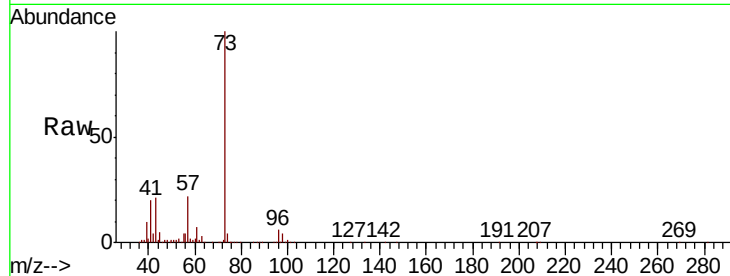


#19

Methyl tert-butyl Ether
 Concen: 55.630 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX015969.D
 Acq: 29 Apr 2020 11:52

Instrument :
 MSVOA_X
 ClientSampled :

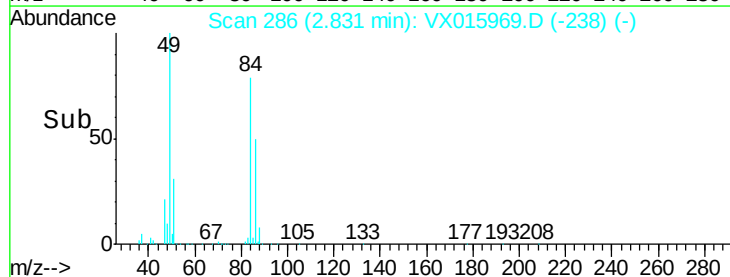
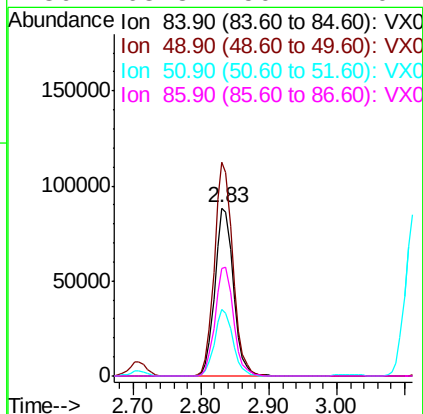
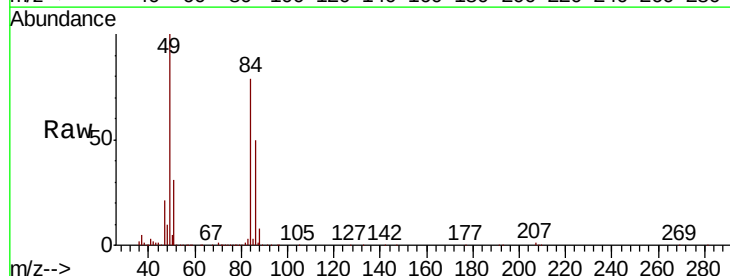
Tot Ion: 73 Resp: 547929
 Ion Ratio Lower Upper
 73 100
 57 22.0 17.5 26.3

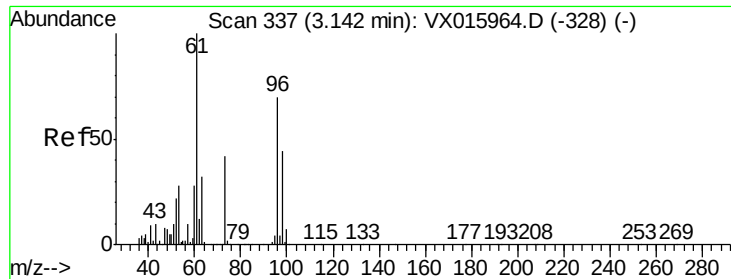


#20

Methylene Chloride
 Concen: 52.978 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX015969.D
 Acq: 29 Apr 2020 11:52

Tgt Ion: 84 Resp: 166894
 Ion Ratio Lower Upper
 84 100
 49 127.1 97.9 146.9
 51 39.8 31.2 46.8
 86 63.8 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 53.394 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

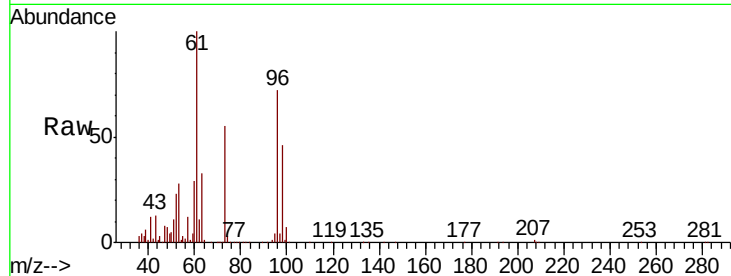
Tot Ion: 96 Resp: 163871

Ion Ratio Lower Upper

96 100

61 138.0 113.6 170.4

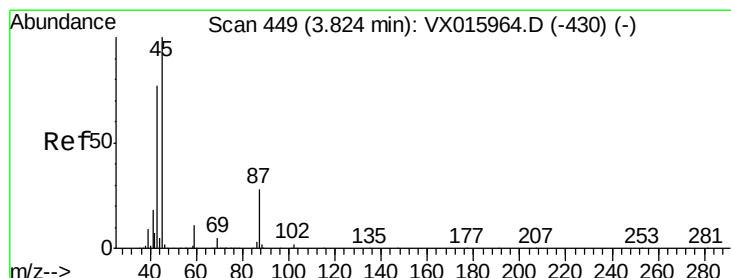
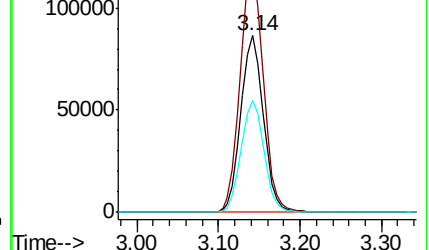
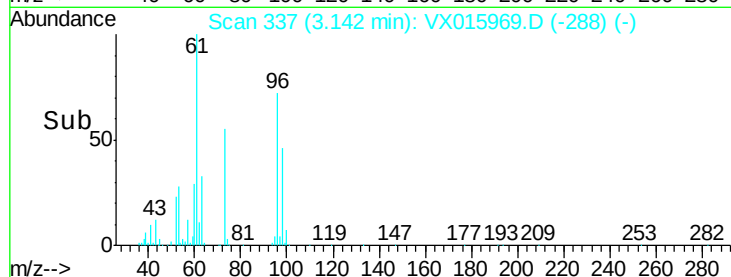
98 63.5 50.3 75.5



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: 56.373 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Tgt Ion: 45 Resp: 544229

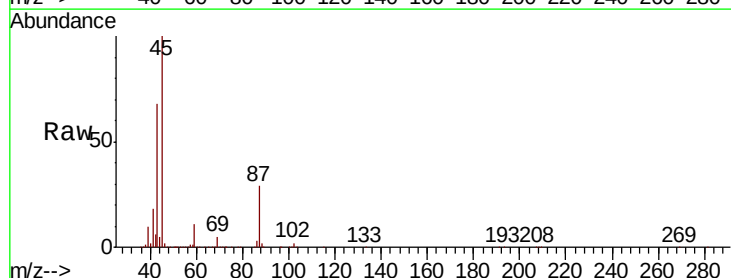
Ion Ratio Lower Upper

45 100

43 68.4 61.3 91.9

87 28.6 22.6 33.8

59 11.4 9.0 13.6

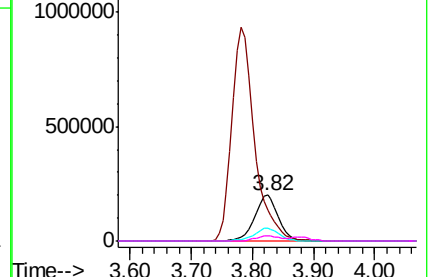
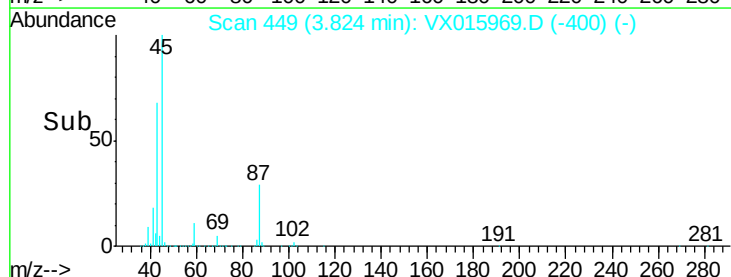


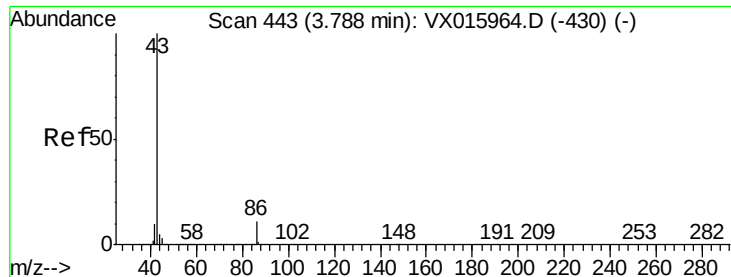
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 284.759 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

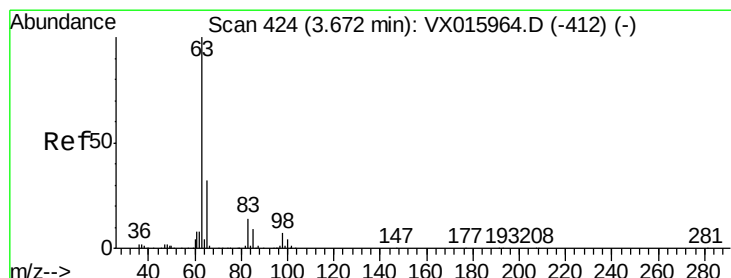
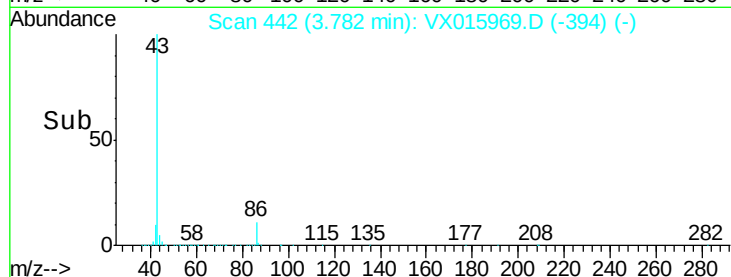
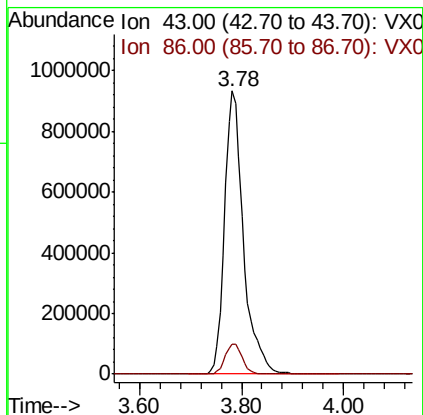
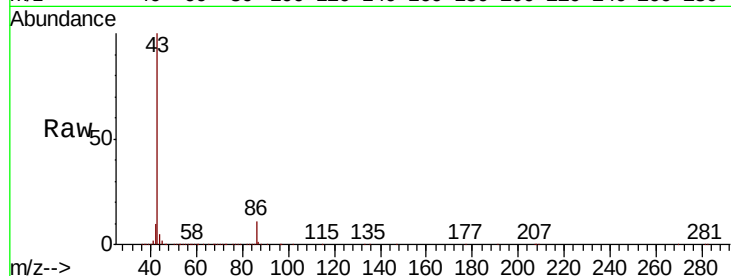
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 2388048

Ion Ratio Lower Upper

43 100

86 10.7 8.9 13.3



#24

1,1-Dichloroethane

Concen: 55.713 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

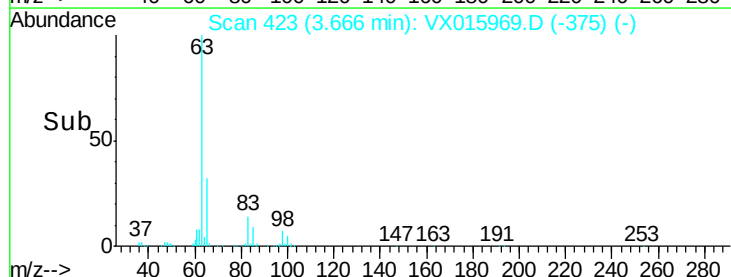
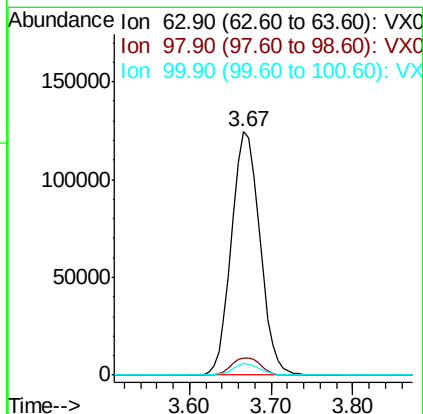
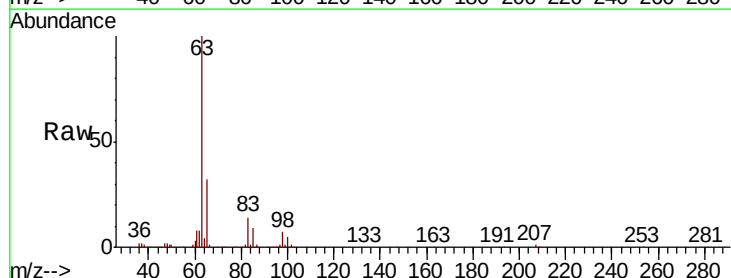
Tgt Ion: 63 Resp: 299620

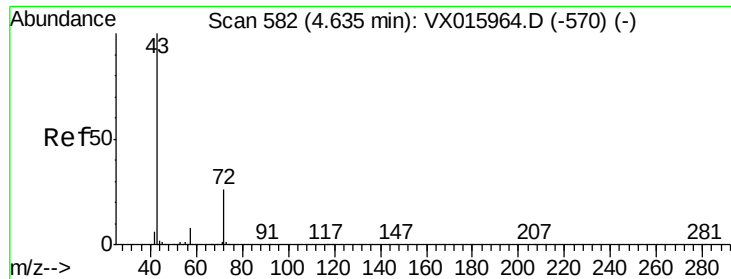
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 4.7 2.2 6.6





#25

2-Butanone

Concen: 256.930 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA_X

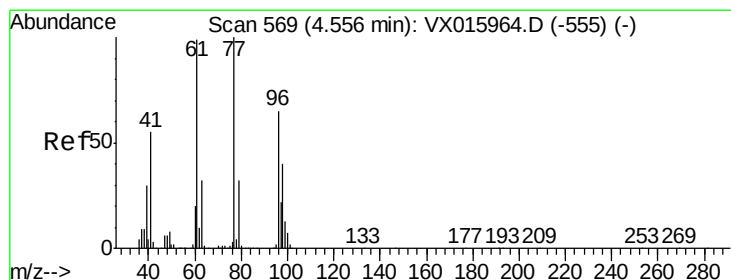
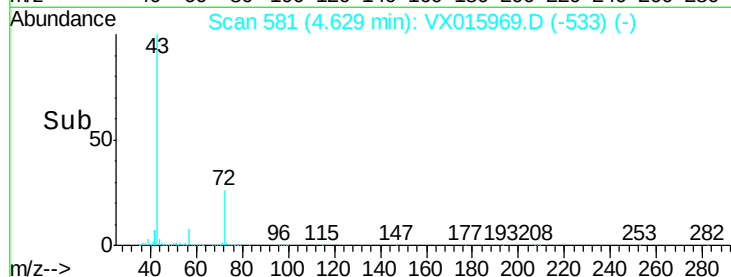
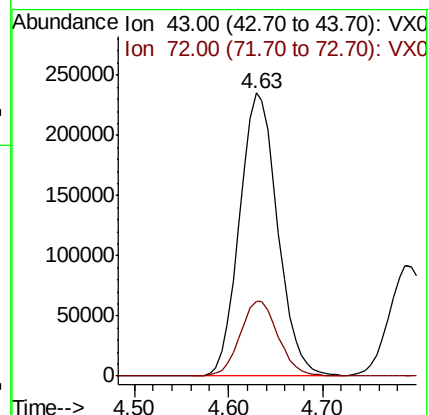
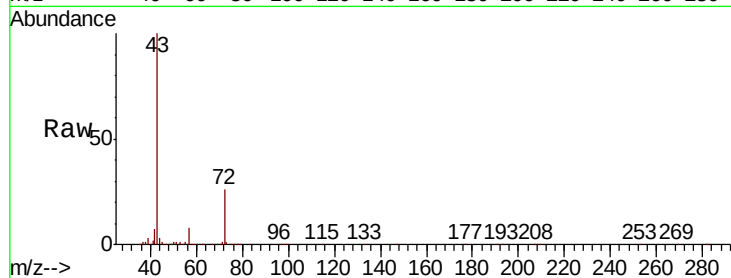
ClientSampleId :

Tot Ion: 43 Resp: 662556

Ion Ratio Lower Upper

43 100

72 26.2 21.0 31.4



#26

2,2-Dichloropropane

Concen: 58.632 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX015969.D

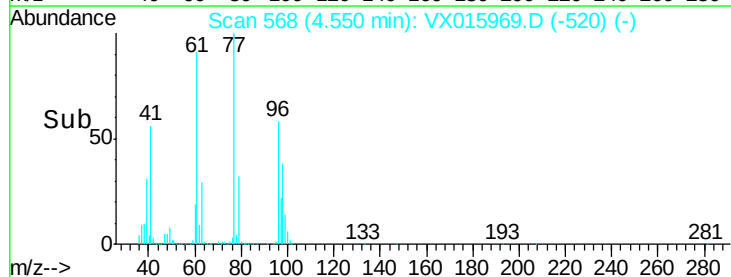
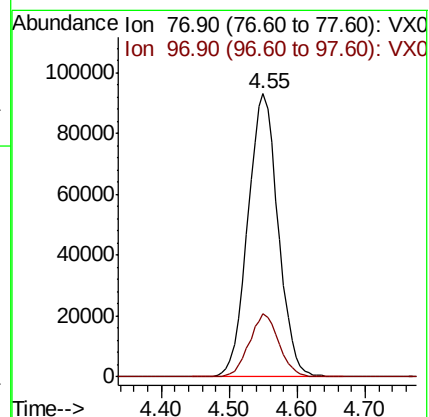
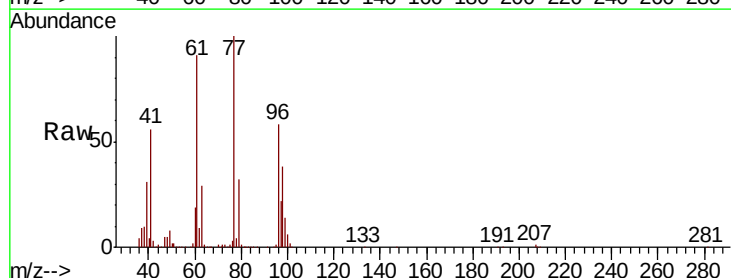
Acq: 29 Apr 2020 11:52

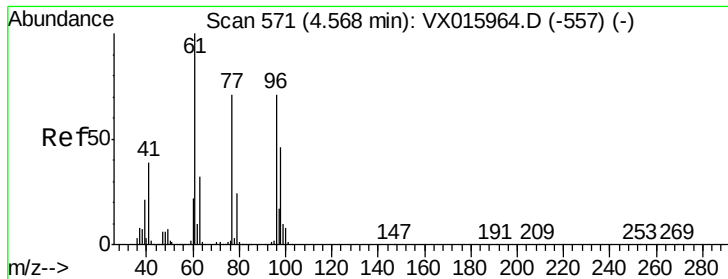
Tgt Ion: 77 Resp: 288305

Ion Ratio Lower Upper

77 100

97 21.8 11.1 33.3



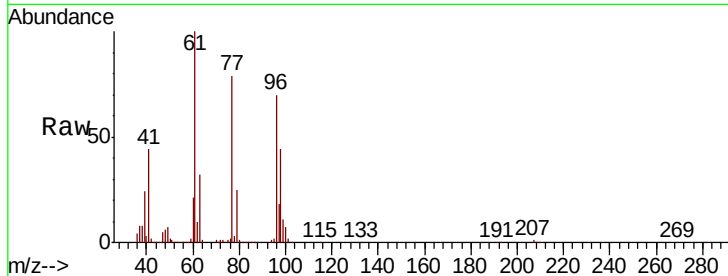


#27

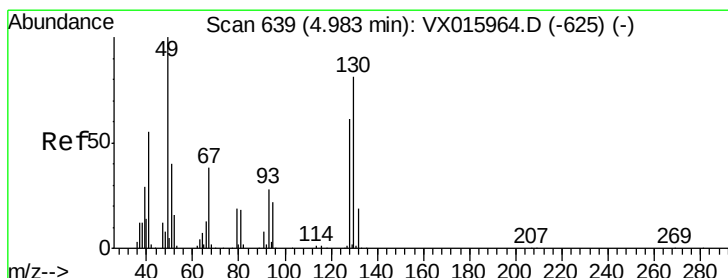
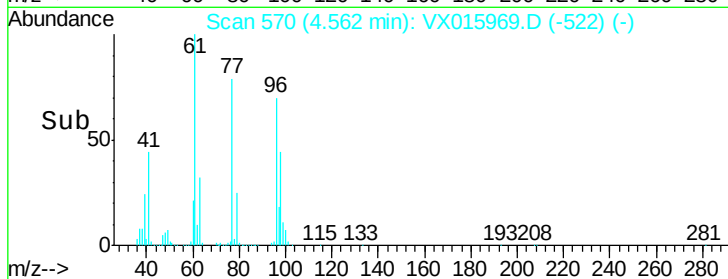
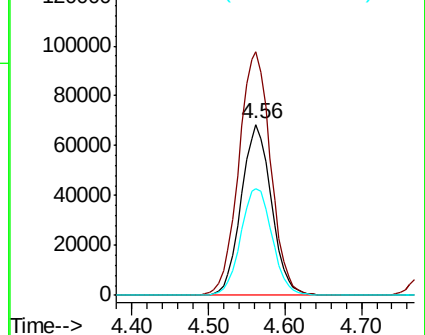
cis-1,2-Dichloroethene
 Concen: 53.750 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX015969.D
 Acq: 29 Apr 2020 11:52

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	96	Resp	187201
Ion	Ratio	Lower	Upper
96	100		
61	151.2	0.0	294.2
98	65.5	0.0	127.4



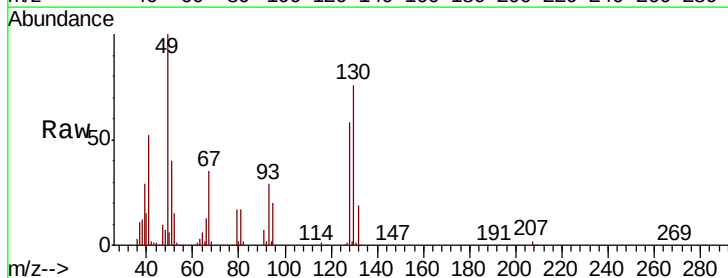
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



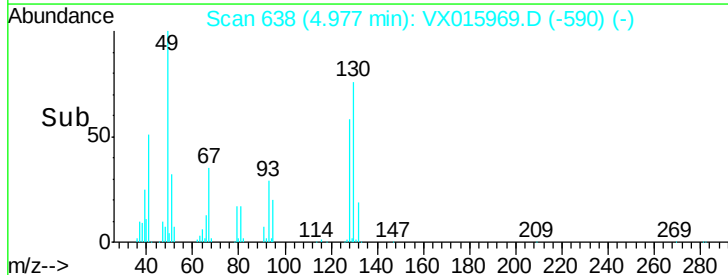
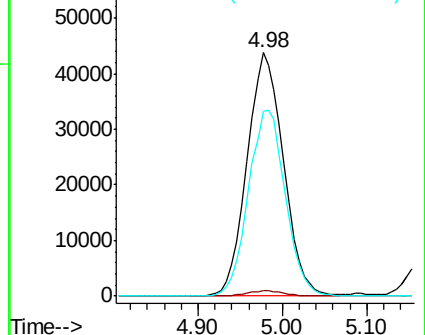
#28

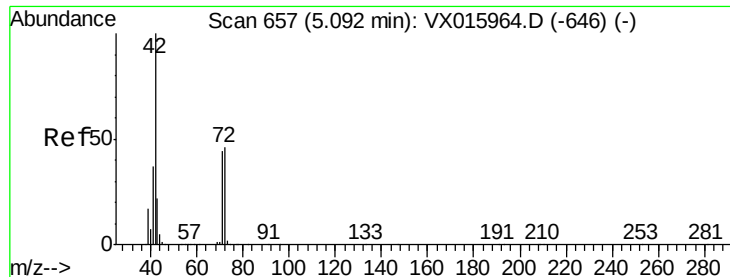
Bromochloromethane
 Concen: 49.391 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX015969.D
 Acq: 29 Apr 2020 11:52

Tgt Ion	49	Resp	128535
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	77.8	63.9	95.9



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: 267.424 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

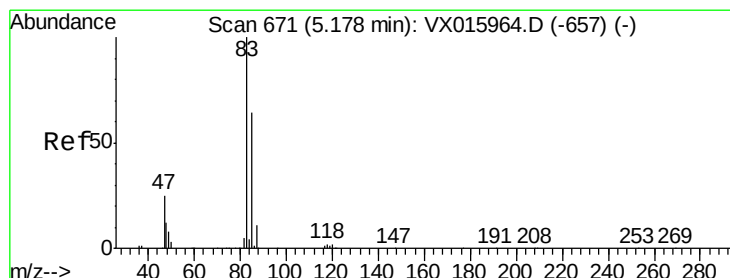
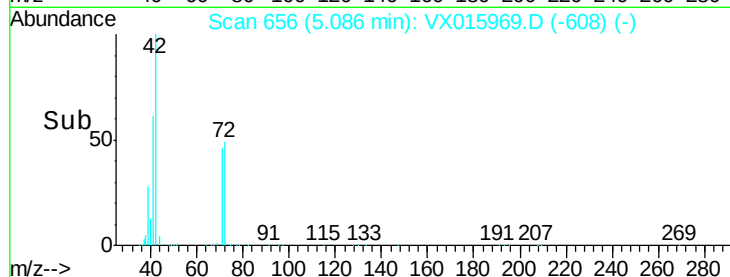
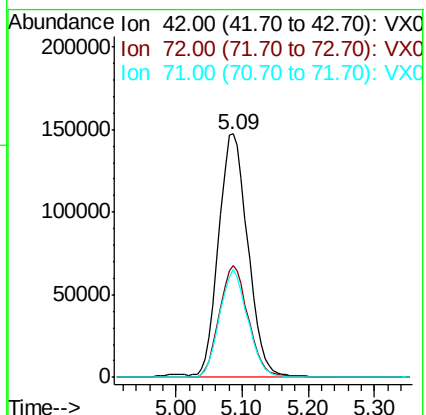
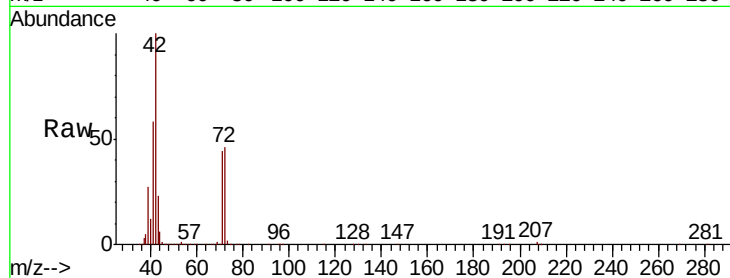
Tot Ion: 42 Resp: 451945

Ion Ratio Lower Upper

42 100

72 45.8 37.4 56.0

71 42.6 34.6 52.0



#30

Chloroform

Concen: 54.825 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX015969.D

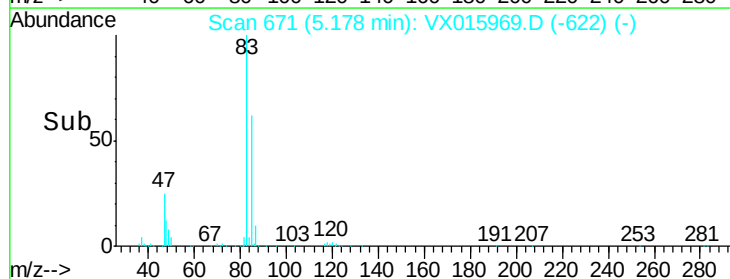
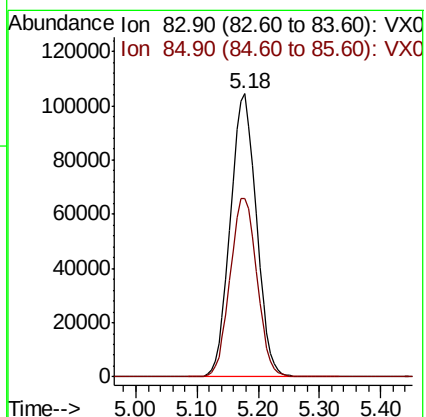
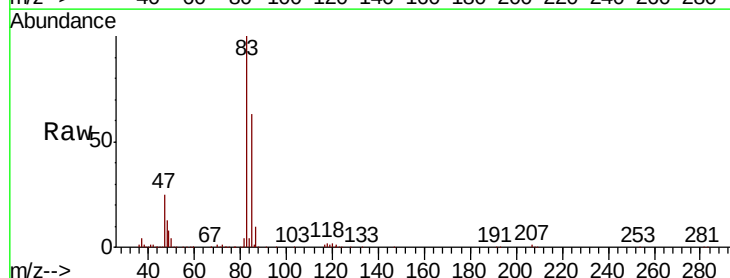
Acq: 29 Apr 2020 11:52

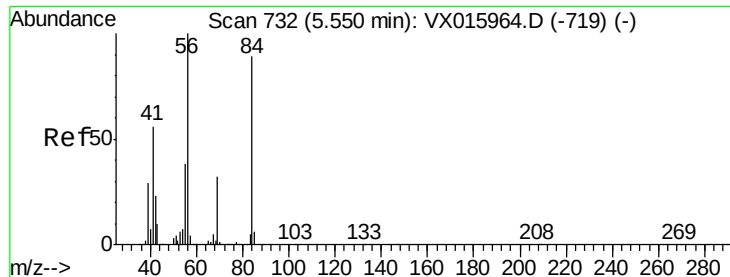
Tgt Ion: 83 Resp: 306591

Ion Ratio Lower Upper

83 100

85 63.2 51.0 76.4

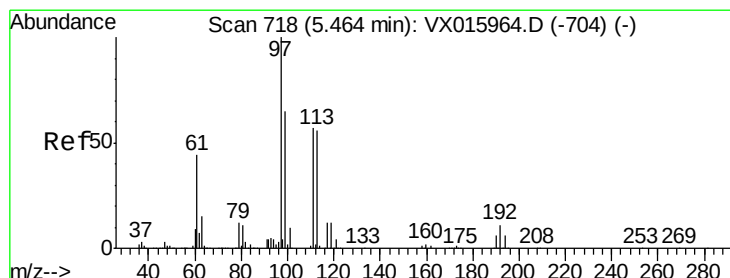
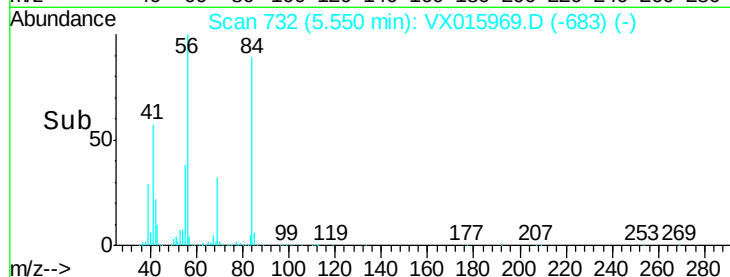
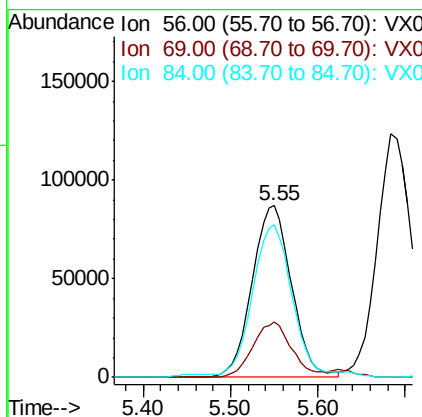
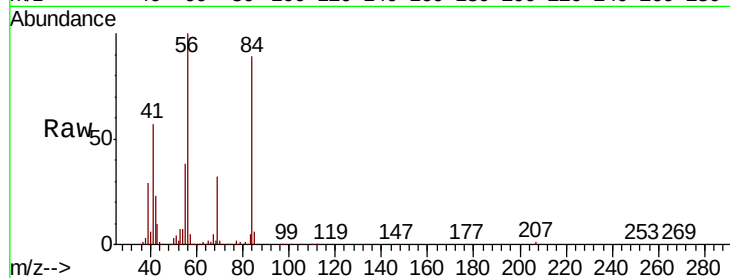




#31
Cyclohexane
Concen: 56.645 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX015969.D
Acq: 29 Apr 2020 11:52

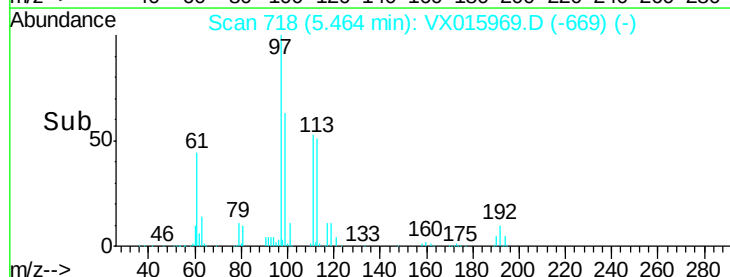
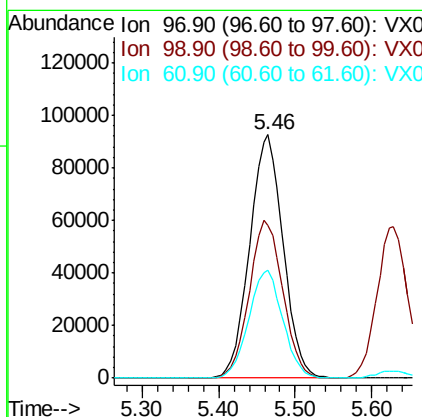
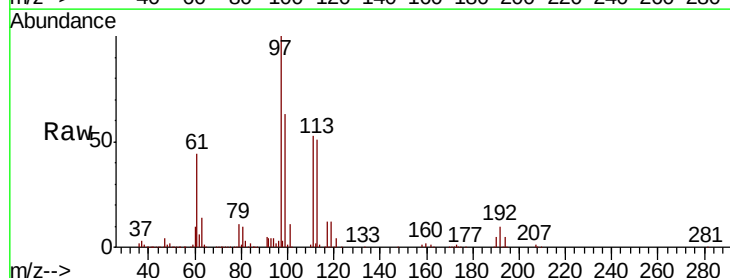
Instrument :
MSVOA_X
ClientSampleId :

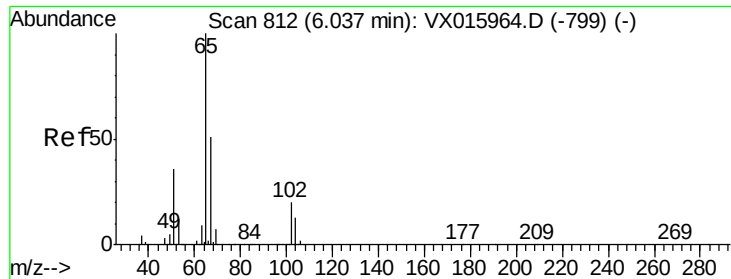
Tot Ion: 56 Resp: 271198
Ion Ratio Lower Upper
56 100
69 32.3 25.4 38.2
84 87.8 71.0 106.6



#32
1,1,1-Trichloroethane
Concen: 54.837 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX015969.D
Acq: 29 Apr 2020 11:52

Tgt Ion: 97 Resp: 282351
Ion Ratio Lower Upper
97 100
99 65.3 51.4 77.0
61 45.2 35.7 53.5

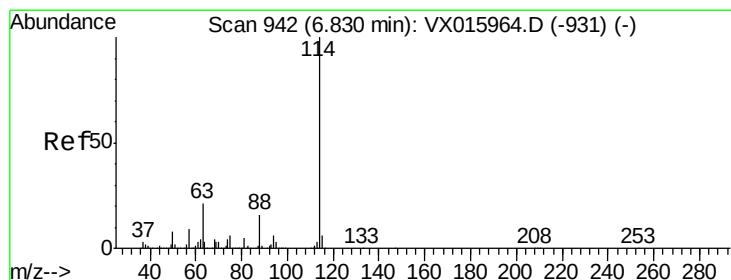
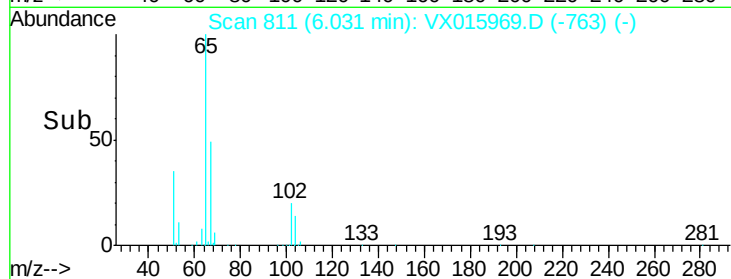
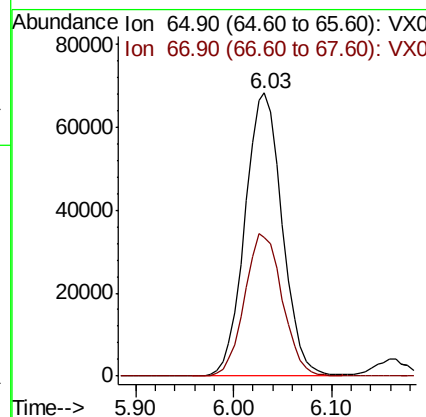
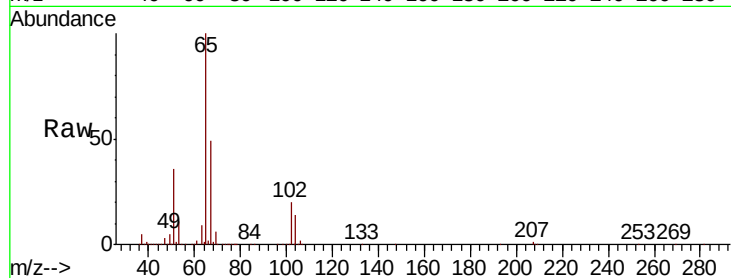




#33
 1,2-Dichloroethane-d4
 Concen: 48.356 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: VX015969.D
 Acq: 29 Apr 2020 11:52

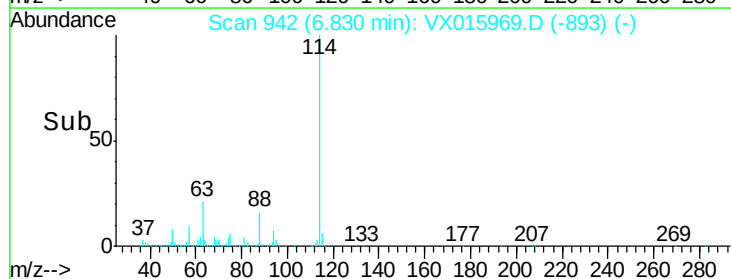
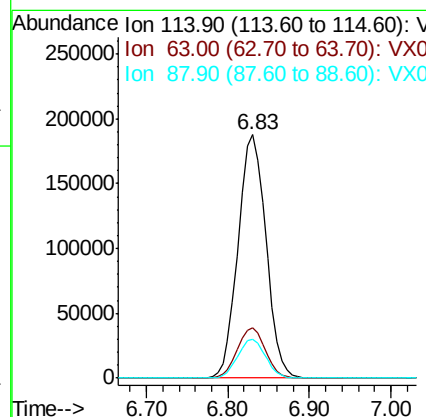
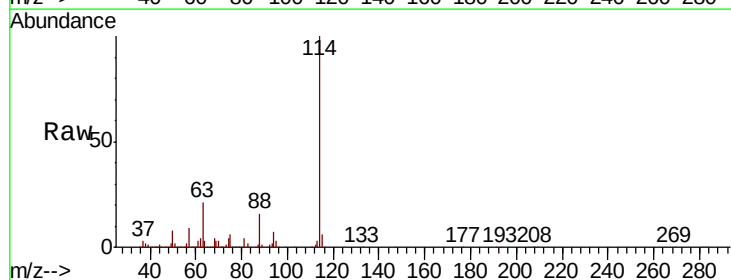
Instrument :
 MSVOA_X
 ClientSampleId :

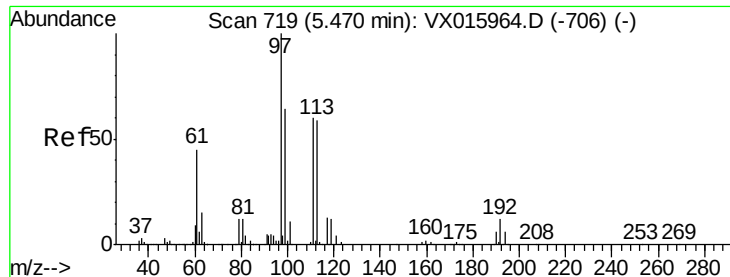
Tot Ion: 65 Resp: 179954
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX015969.D
 Acq: 29 Apr 2020 11:52

Tgt Ion: 114 Resp: 443715
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.2
 88 16.0 0.0 31.8

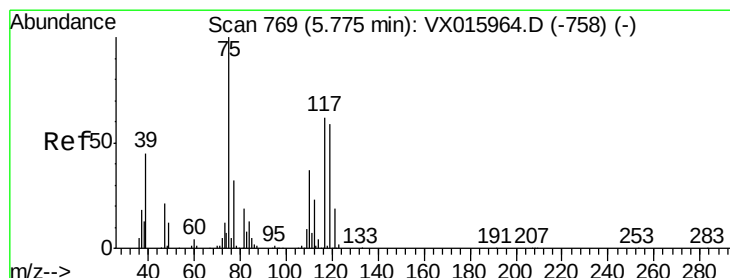
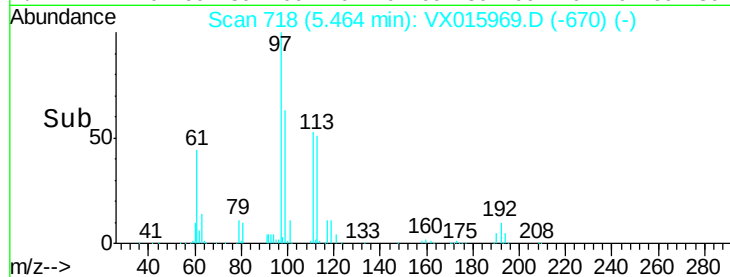
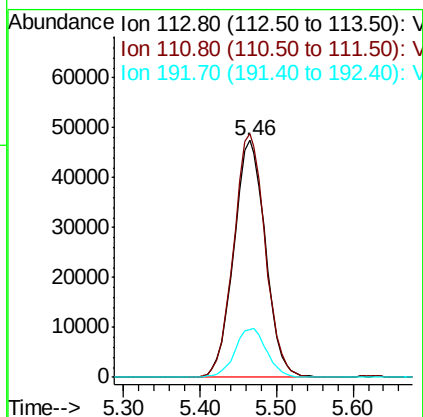
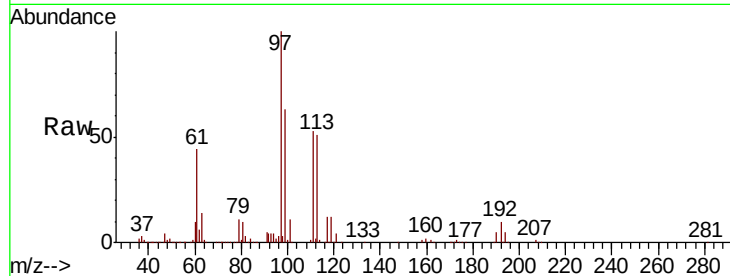




#35
Dibromofluoromethane
Concen: 49.141 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX015969.D
Acq: 29 Apr 2020 11:52

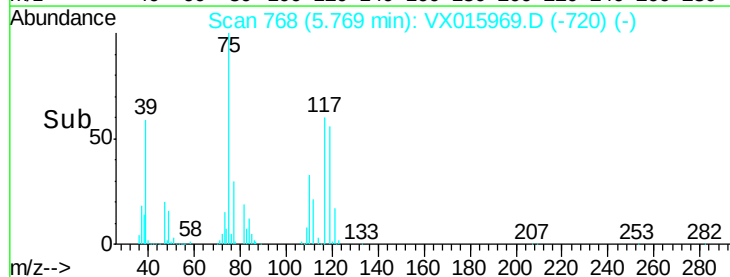
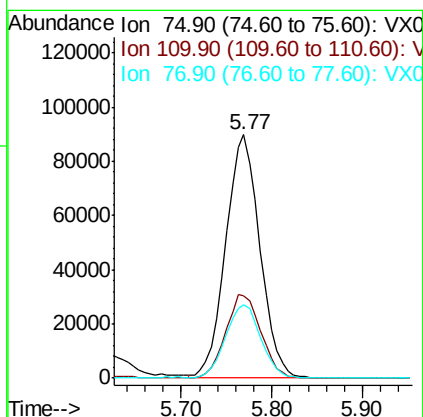
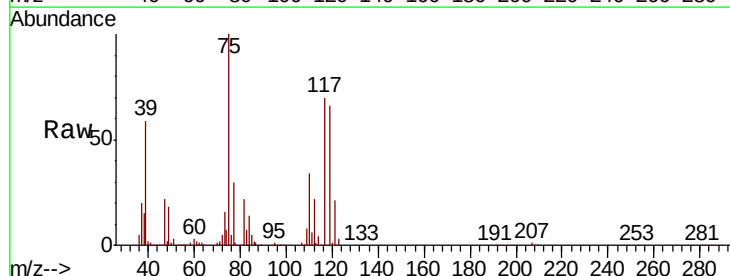
Instrument :
MSVOA_X
ClientSampleId :

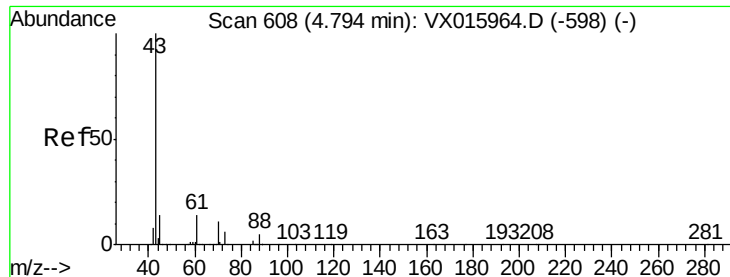
Tot Ion:113 Resp: 136018
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.8
192 20.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 55.317 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015969.D
Acq: 29 Apr 2020 11:52

Tgt Ion: 75 Resp: 233774
Ion Ratio Lower Upper
75 100
110 35.5 17.9 53.7
77 31.3 25.2 37.8

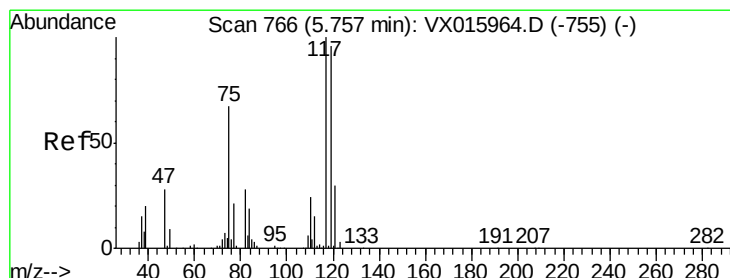
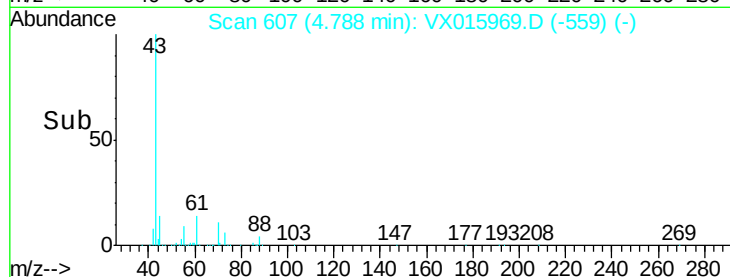
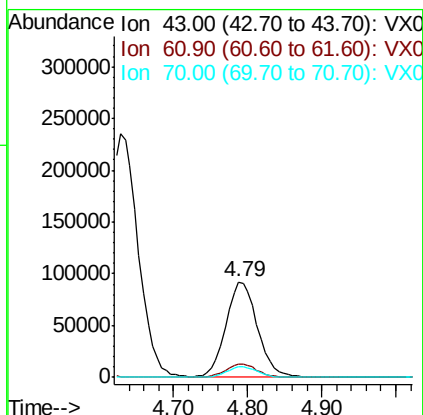
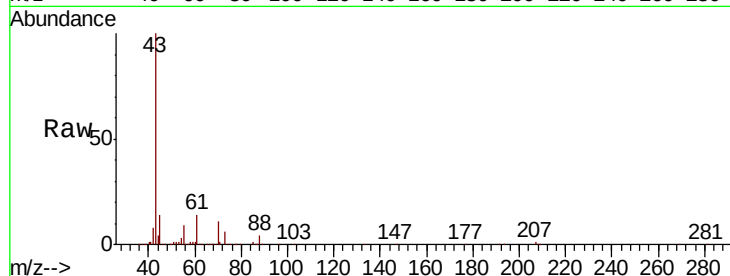




#37
Ethyl Acetate
Concen: 55.985 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX015969.D
Acq: 29 Apr 2020 11:52

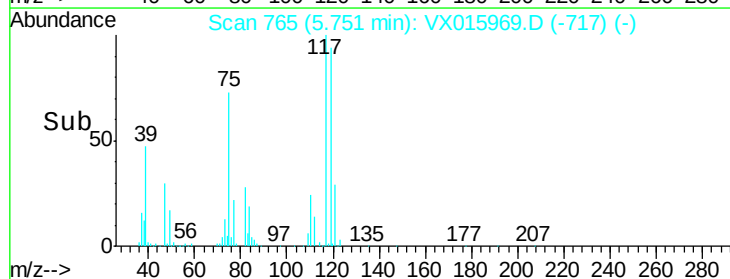
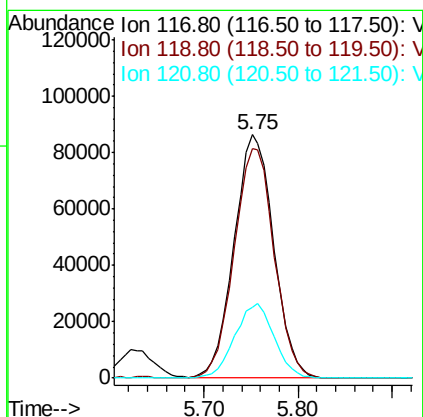
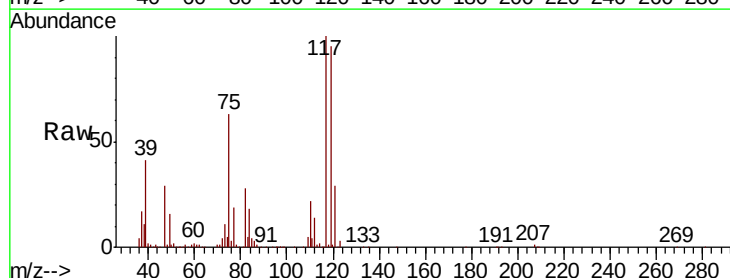
Instrument :
MSVOA_X
ClientSampleId :

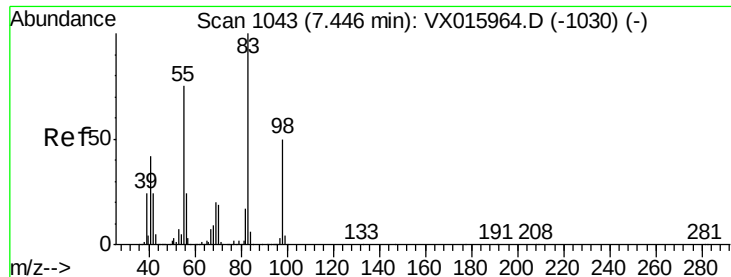
Tot Ion: 43 Resp: 271301
Ion Ratio Lower Upper
43 100
61 13.8 11.6 17.4
70 11.1 8.9 13.3



#38
Carbon Tetrachloride
Concen: 56.768 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX015969.D
Acq: 29 Apr 2020 11:52

Tgt Ion: 117 Resp: 253402
Ion Ratio Lower Upper
117 100
119 94.5 76.2 114.4
121 29.0 24.2 36.4

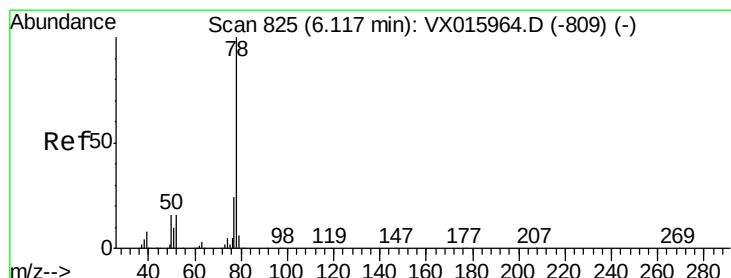
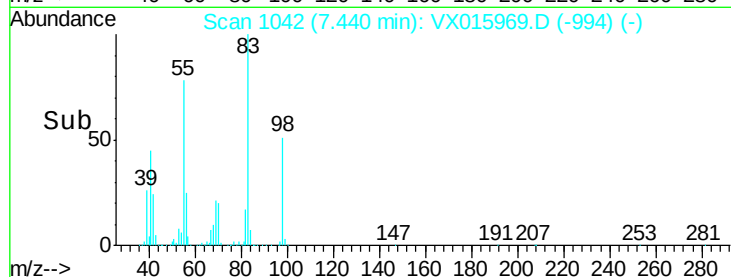
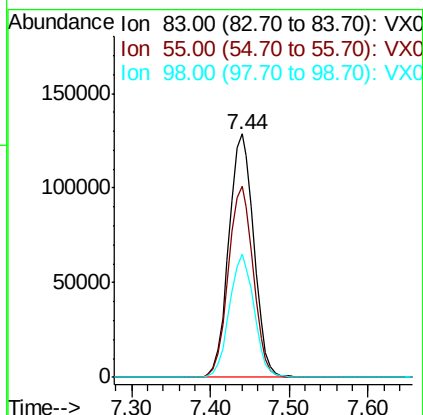
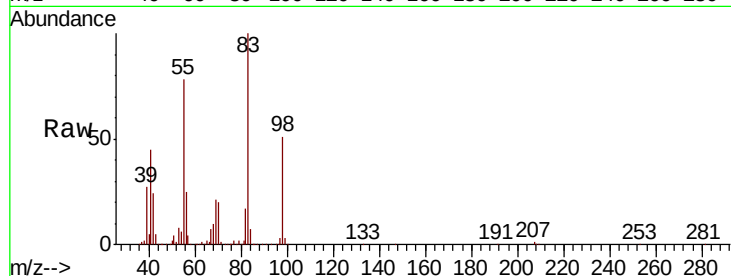




#39
Methylvlcyclohexane
Concen: 58.075 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX015969.D
Acq: 29 Apr 2020 11:52

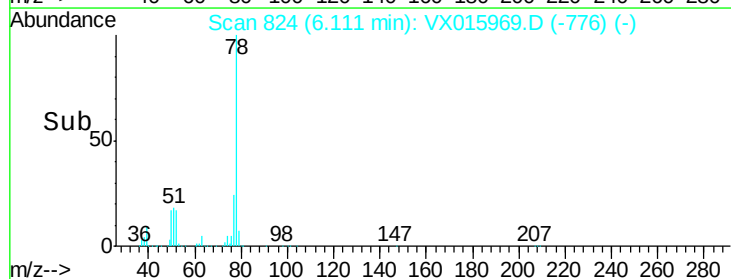
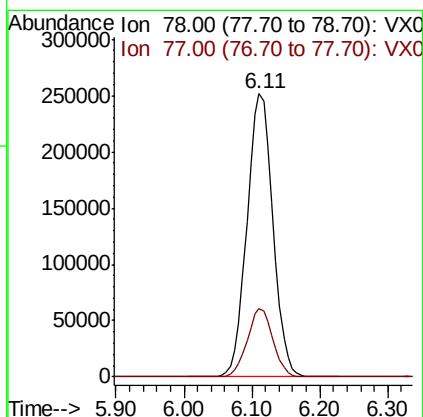
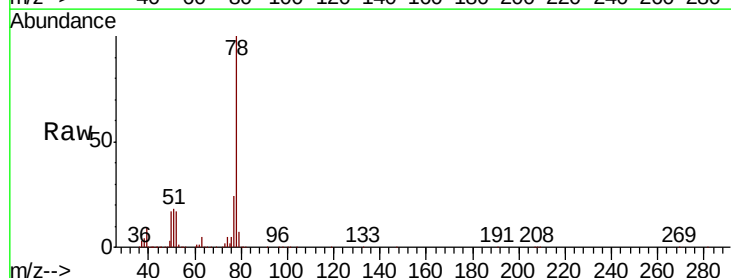
Instrument :
MSVOA_X
ClientSampleId :

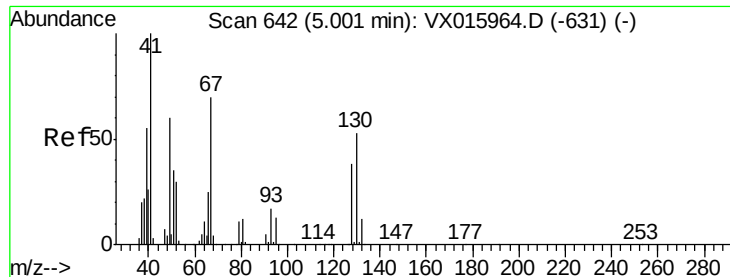
Tot Ion	83	Resp	283894
Ion Ratio	Lower	Upper	
83	100		
55	78.3	59.9	89.9
98	50.7	39.9	59.9



#40
Benzene
Concen: 55.444 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX015969.D
Acq: 29 Apr 2020 11:52

Tgt Ion	78	Resp	668565
Ion Ratio	Lower	Upper	
78	100		
77	23.9	18.8	28.2

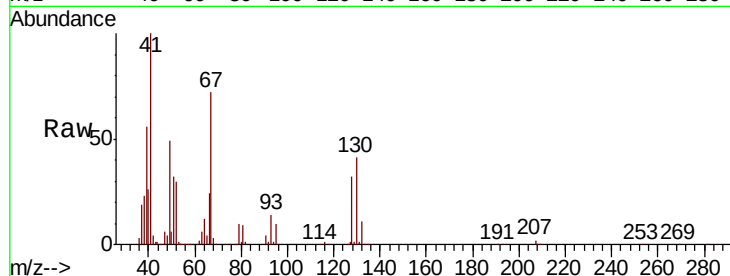




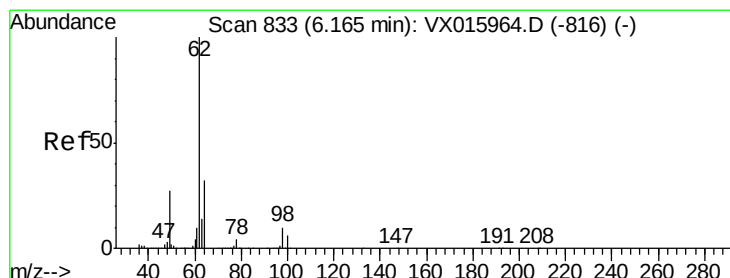
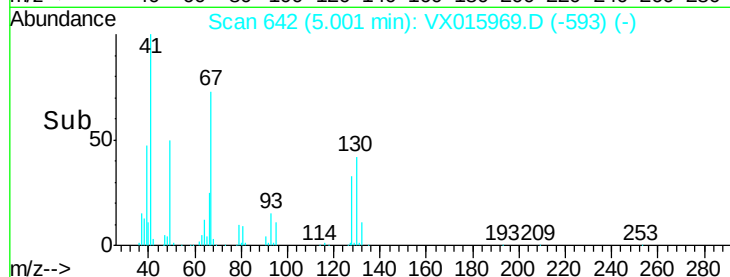
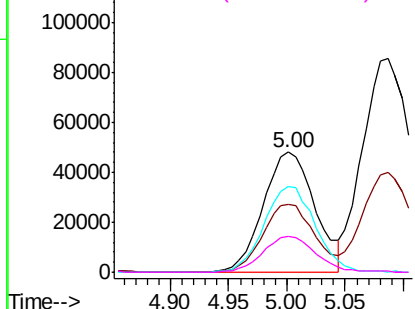
#41
Methacrylonitrile
Concen: 56.835 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX015969.D
Acq: 29 Apr 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 41 Resp: 147426
Ion Ratio Lower Upper
41 100
39 56.5 45.2 67.8
67 71.7 59.4 89.2
52 30.3 25.4 38.0

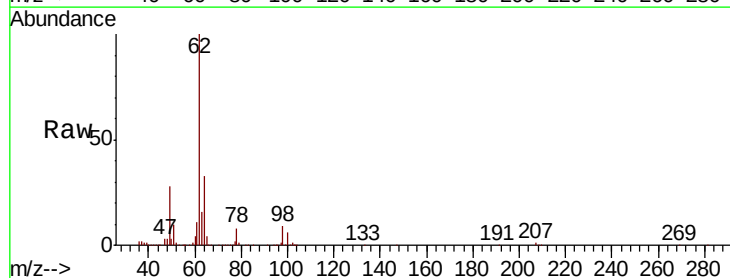


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

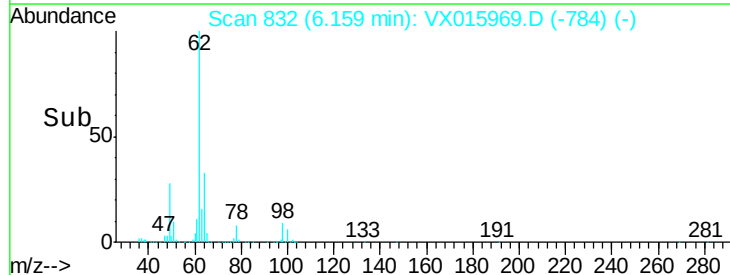
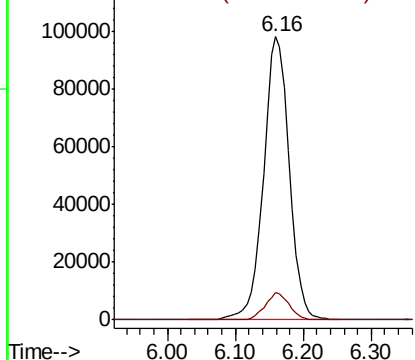


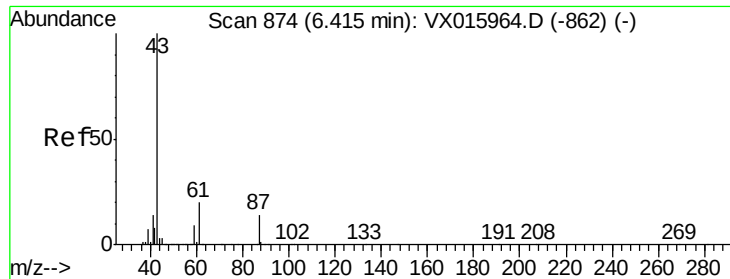
#42
1,2-Dichloroethane
Concen: 55.510 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX015969.D
Acq: 29 Apr 2020 11:52

Tgt Ion: 62 Resp: 259353
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.4



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





#43

Isopropyl Acetate

Concen: 56.106 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

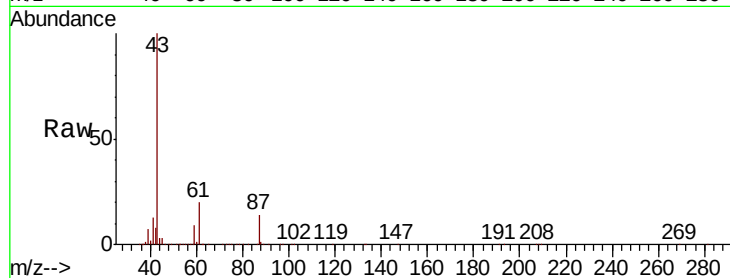
Tot Ion: 43 Resp: 450237

Ion Ratio Lower Upper

43 100

61 19.7 16.1 24.1

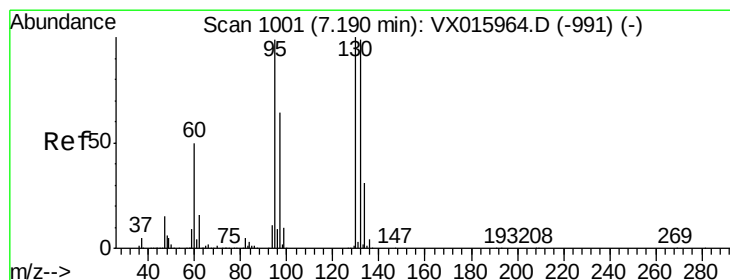
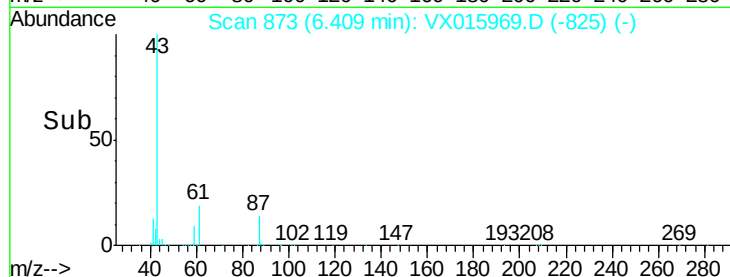
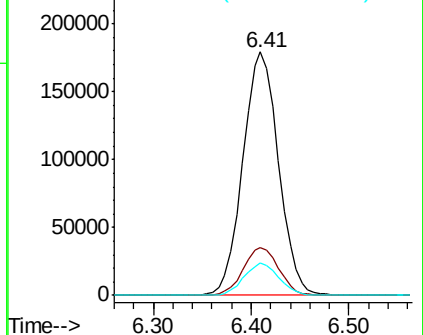
87 13.2 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VX015964.D (-862) (-)

Ion 61.00 (60.70 to 61.70): VX015964.D (-862) (-)

Ion 87.00 (86.70 to 87.70): VX015964.D (-862) (-)



#44

Trichloroethene

Concen: 57.137 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX015969.D

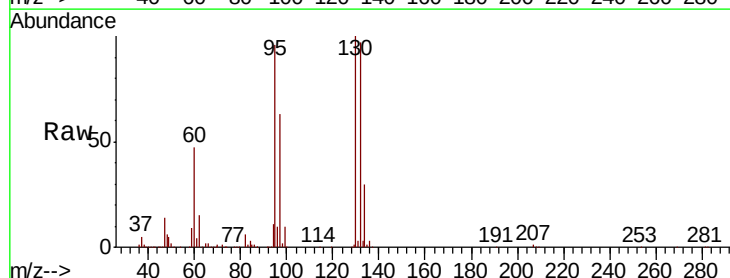
Acq: 29 Apr 2020 11:52

Tgt Ion:130 Resp: 248335

Ion Ratio Lower Upper

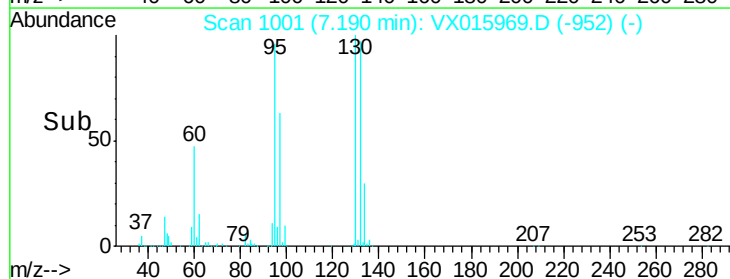
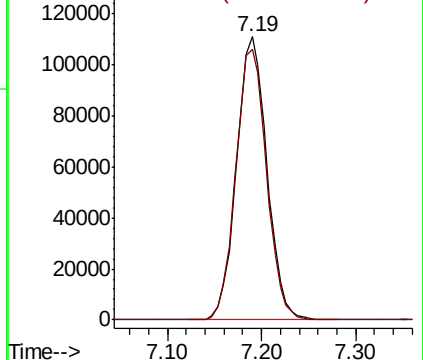
130 100

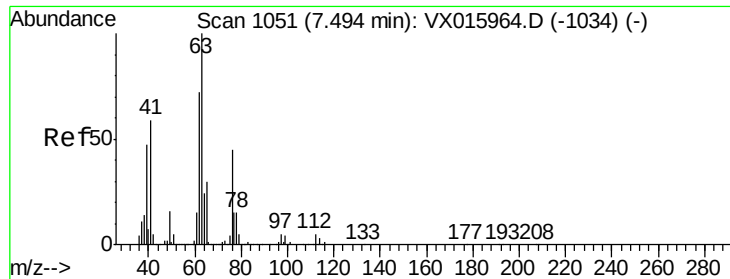
95 95.7 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): VX015964.D (-991) (-)

Ion 94.90 (94.60 to 95.60): VX015964.D (-991) (-)





#45

1,2-Dichloropropane

Concen: 55.520 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA_X

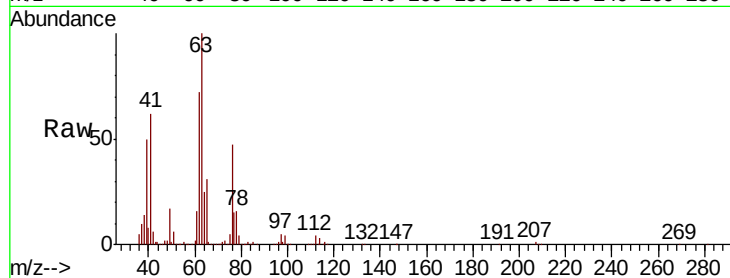
ClientSampleId :

Tot Ion: 63 Resp: 173022

Ion Ratio Lower Upper

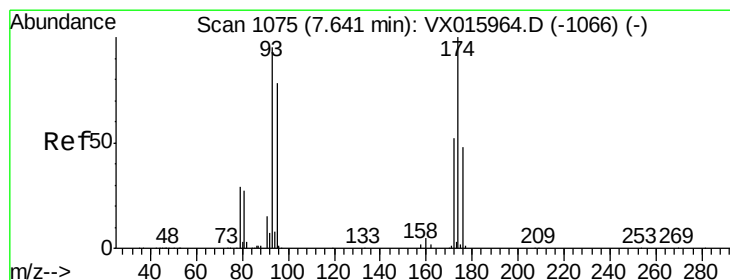
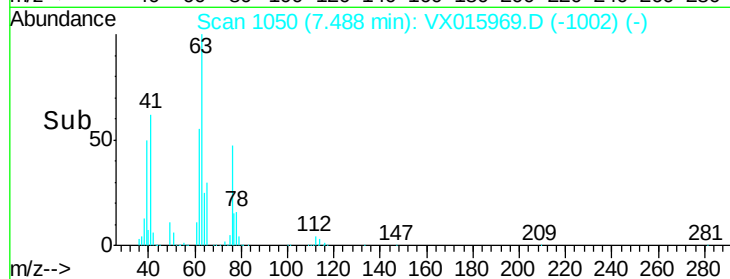
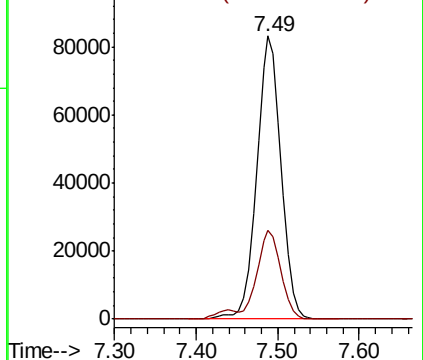
63 100

65 31.5 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 54.649 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

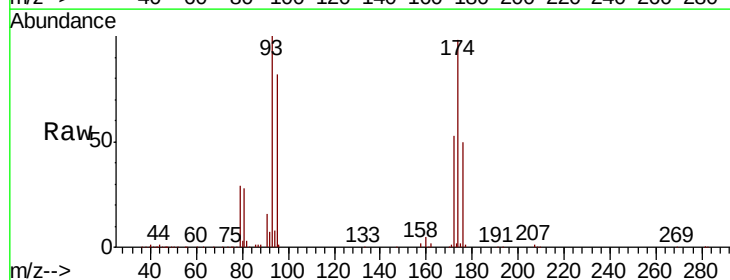
Tgt Ion: 93 Resp: 121014

Ion Ratio Lower Upper

93 100

95 83.3 65.5 98.3

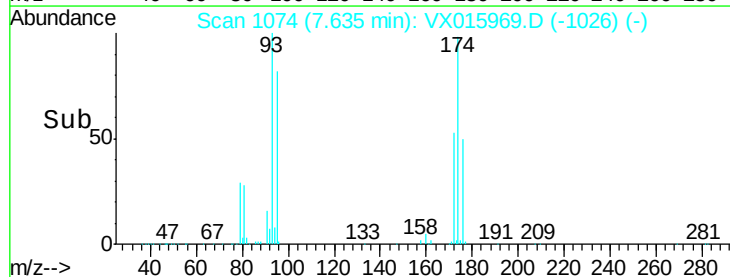
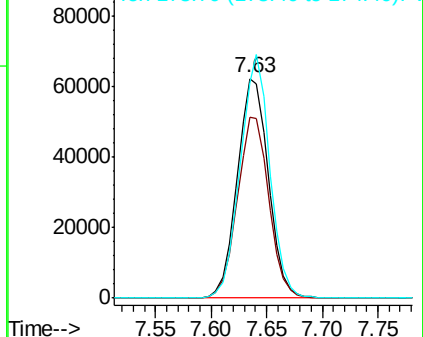
174 105.3 82.7 124.1

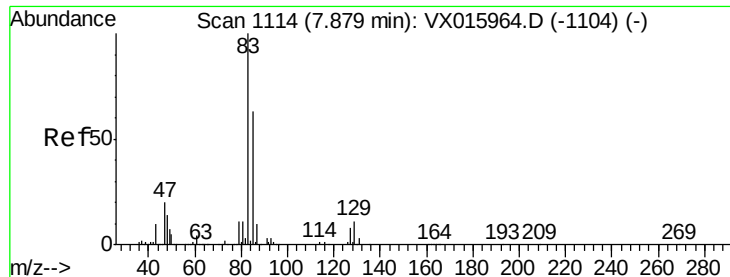


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 57.828 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

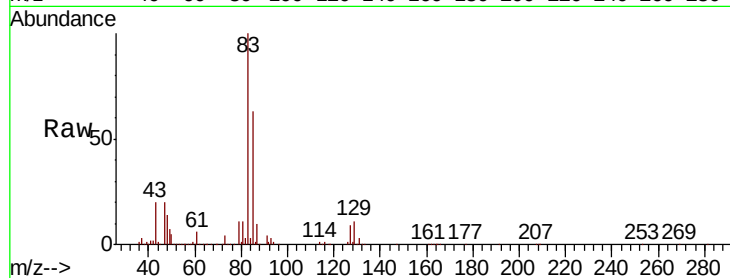
Tot Ion: 83 Resp: 254468

Ion Ratio Lower Upper

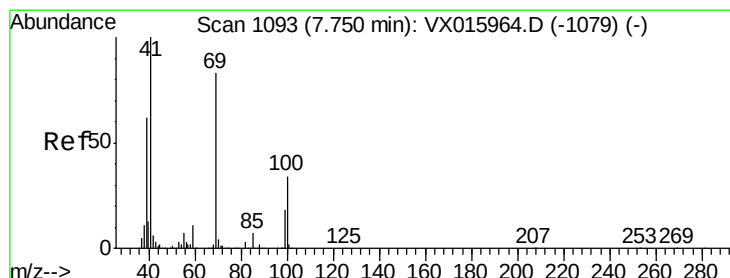
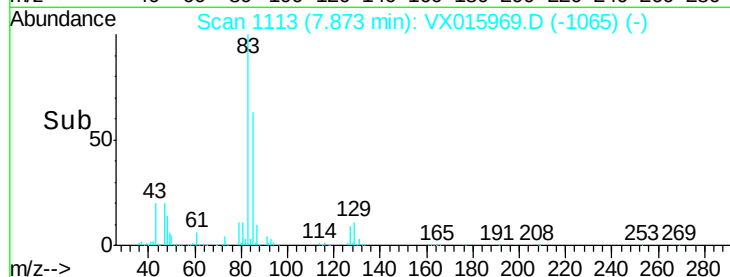
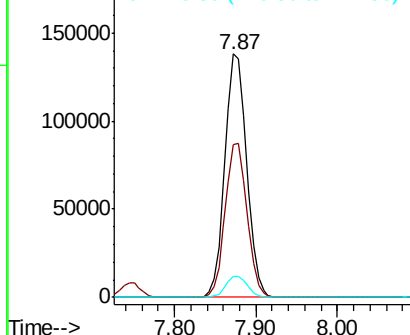
83 100

85 62.7 50.6 75.8

127 8.7 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 57.126 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

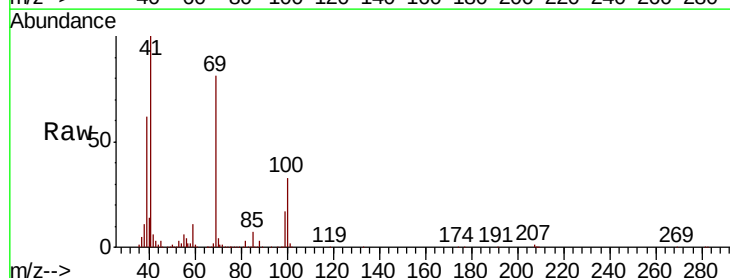
Tgt Ion: 41 Resp: 211651

Ion Ratio Lower Upper

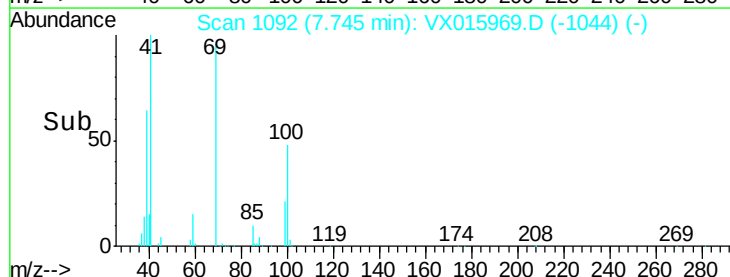
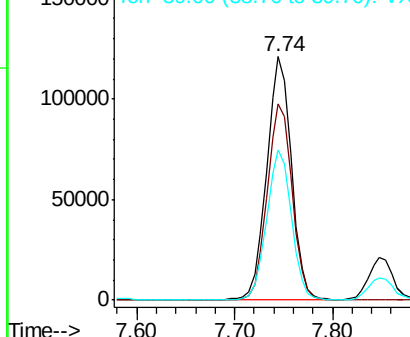
41 100

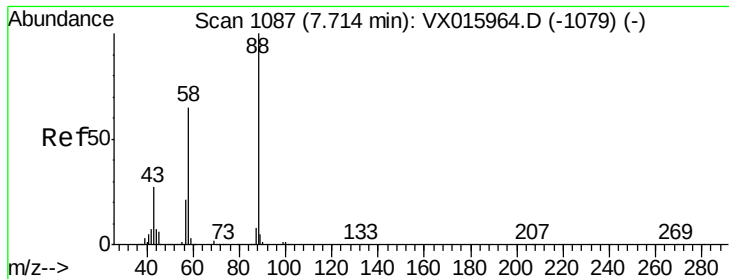
69 81.8 66.0 99.0

39 62.0 49.0 73.4



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





#49

1,4-Dioxane

Concen: 1058.682 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

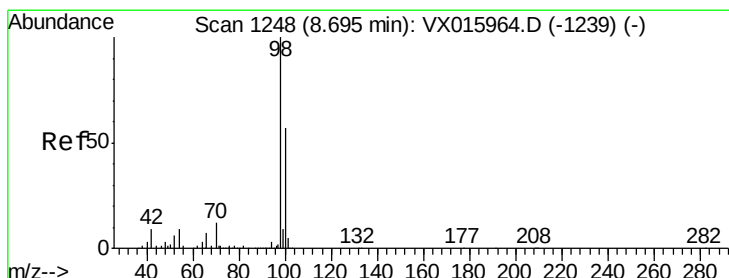
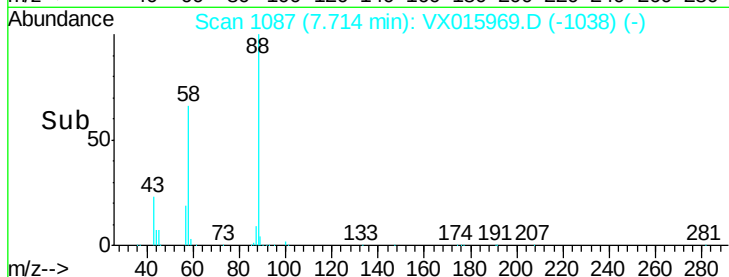
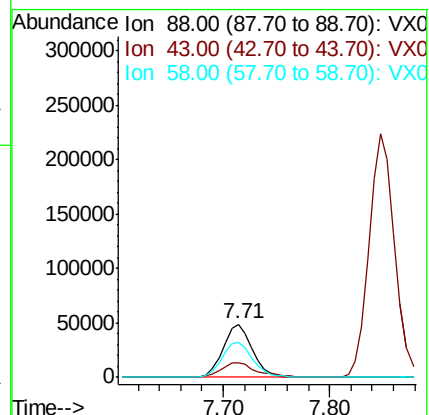
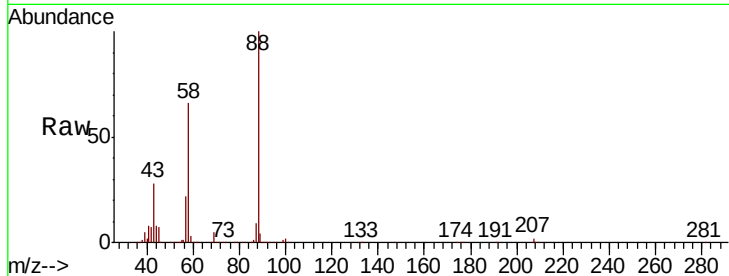
Tot Ion: 88 Resp: 92275

Ion Ratio Lower Upper

88 100

43 33.8 26.6 39.8

58 70.6 54.8 82.2



#50

Toluene-d8

Concen: 49.190 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX015969.D

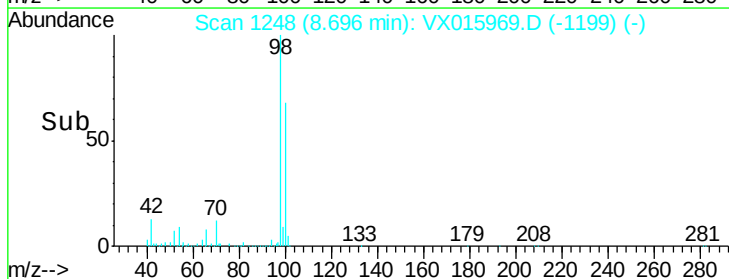
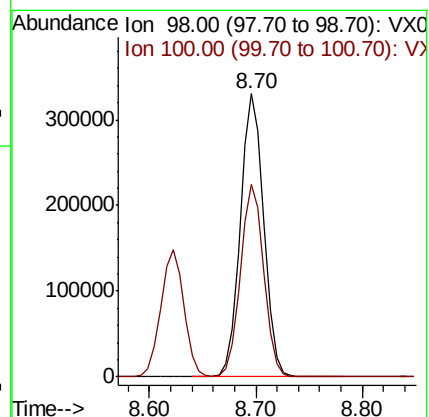
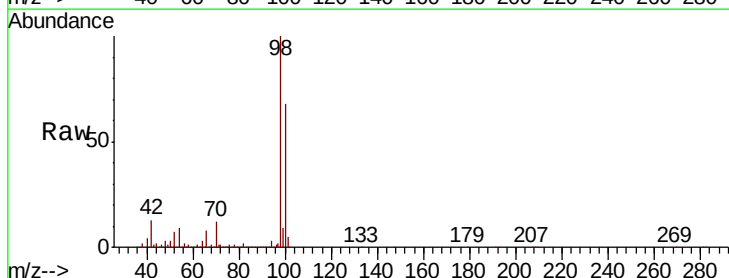
Acq: 29 Apr 2020 11:52

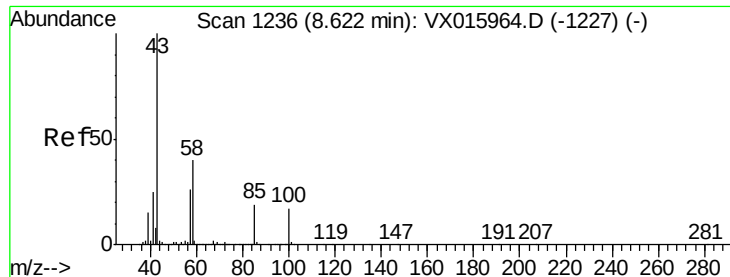
Tgt Ion: 98 Resp: 509067

Ion Ratio Lower Upper

98 100

100 67.6 53.1 79.7

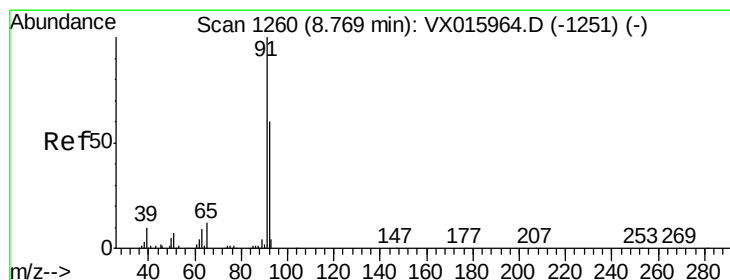
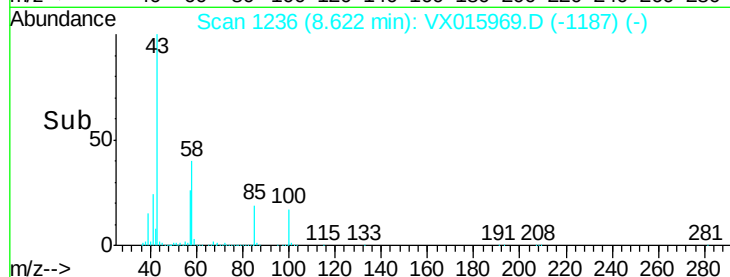
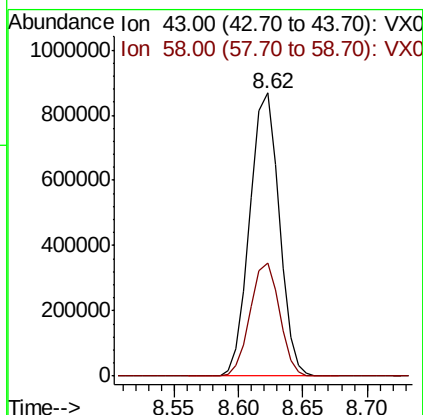
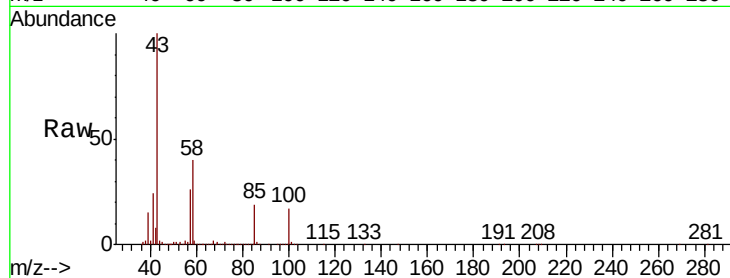




#51
 4-Methyl-2-Pentanone
 Concen: 280.426 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX015969.D
 Acq: 29 Apr 2020 11:52

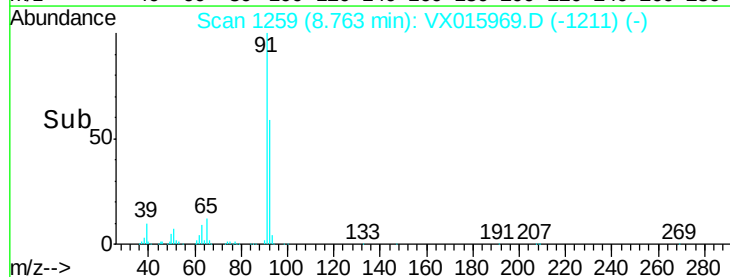
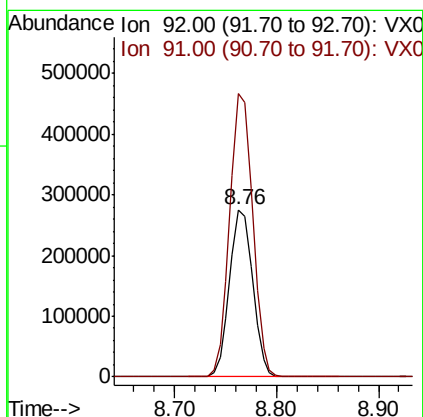
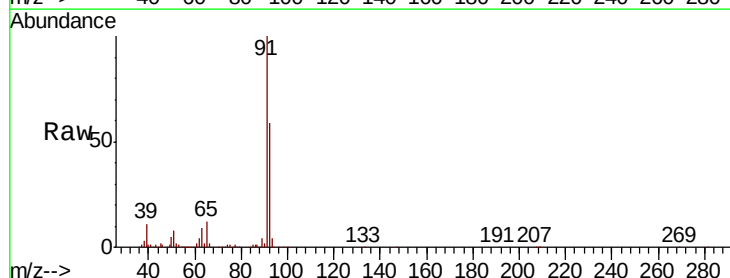
Instrument :
 MSVOA_X
 ClientSampleId :

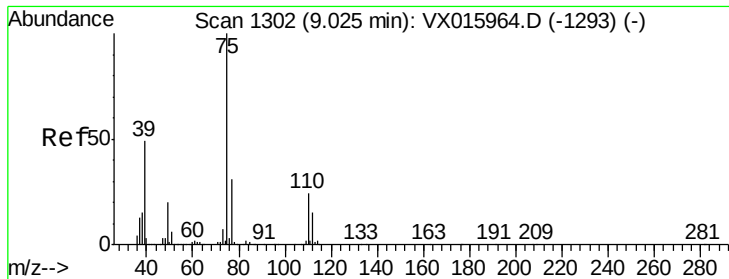
Tot Ion: 43 Resp: 1364973
 Ion Ratio Lower Upper
 43 100
 58 39.9 32.0 48.0



#52
 Toluene
 Concen: 56.673 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX015969.D
 Acq: 29 Apr 2020 11:52

Tgt Ion: 92 Resp: 433783
 Ion Ratio Lower Upper
 92 100
 91 167.9 134.6 202.0





#53

t-1,3-Dichloropropene

Concen: 57.211 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

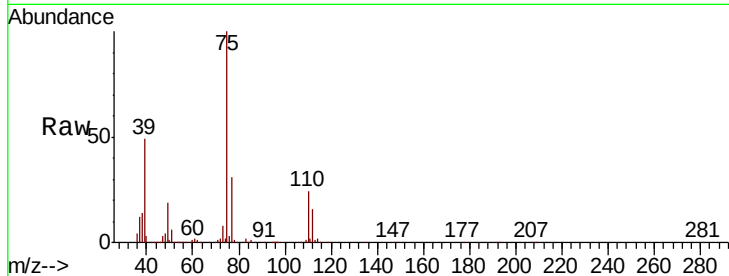
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 298718

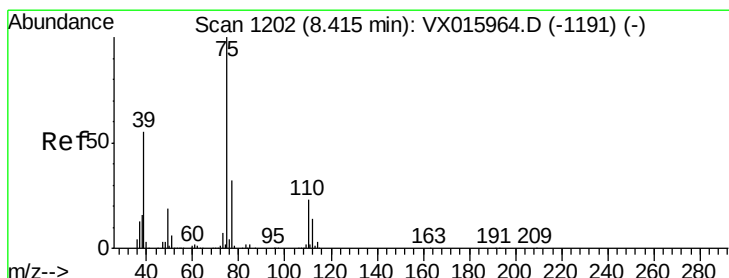
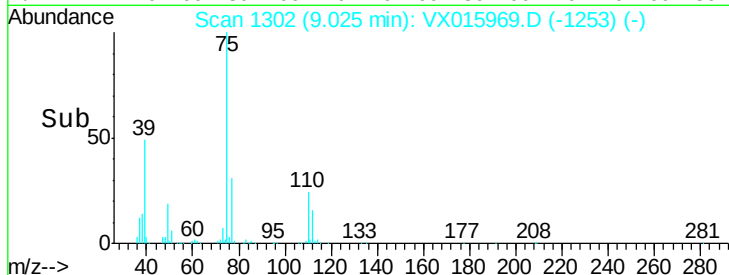
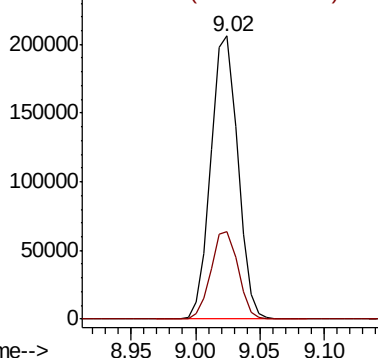
Ion Ratio Lower Upper

75 100

77 31.0 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 56.787 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

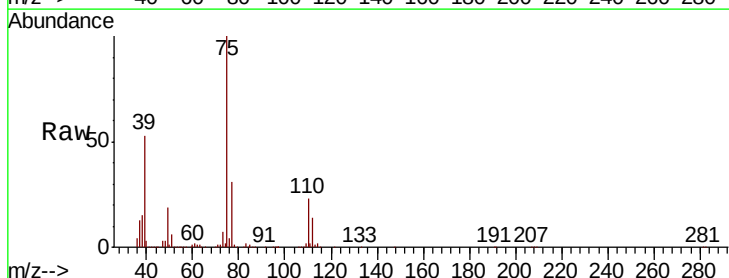
Tgt Ion: 75 Resp: 304949

Ion Ratio Lower Upper

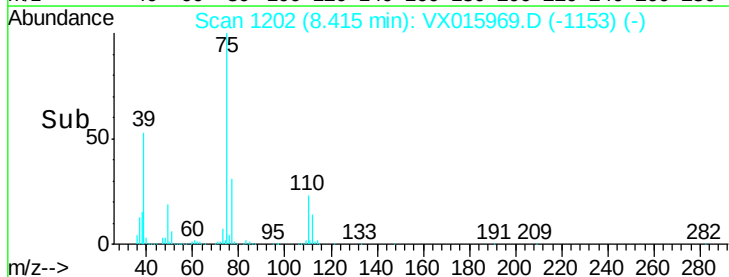
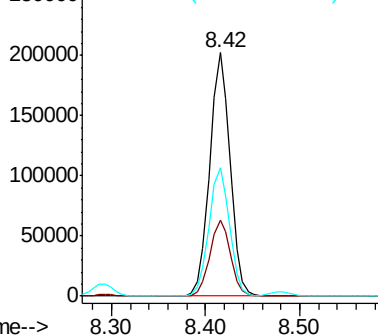
75 100

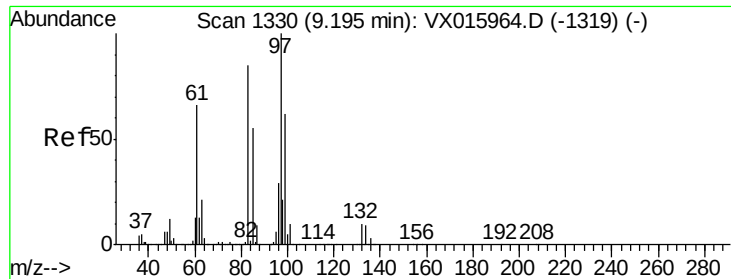
77 31.0 25.4 38.0

39 52.5 44.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0
Ion 39.00 (38.70 to 39.70): VX0

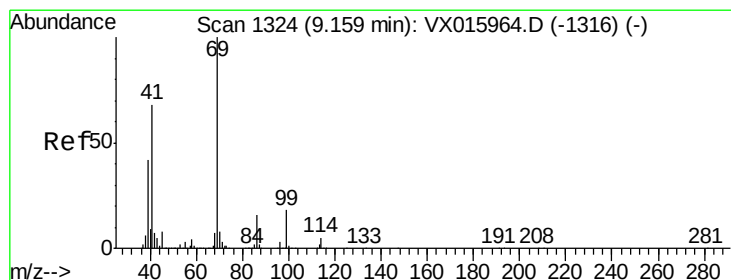
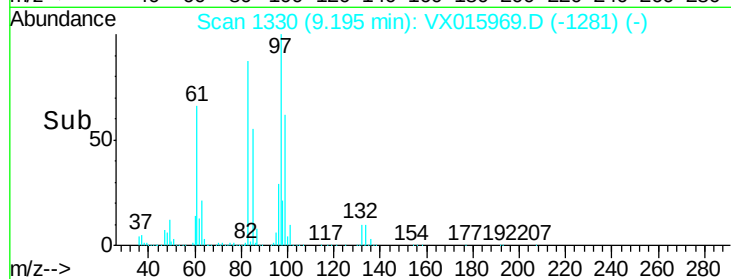
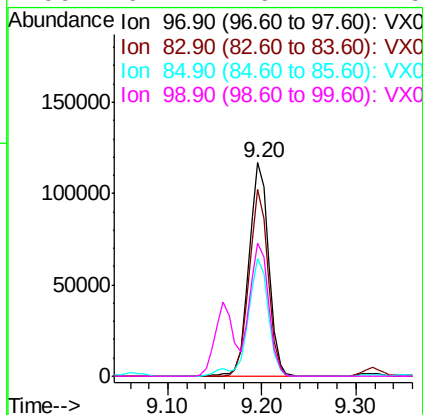
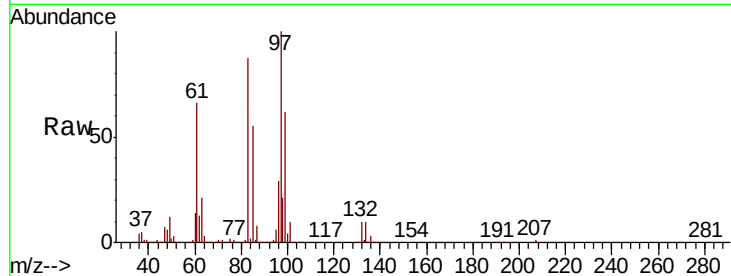




#55
 1,1,2-Trichloroethane
 Concen: 56.001 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX015969.D
 Acq: 29 Apr 2020 11:52

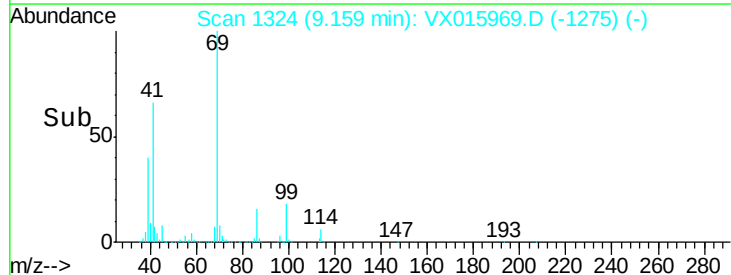
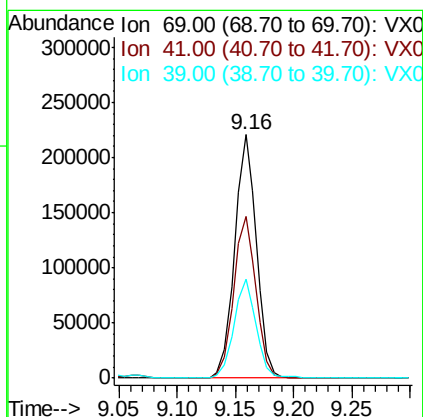
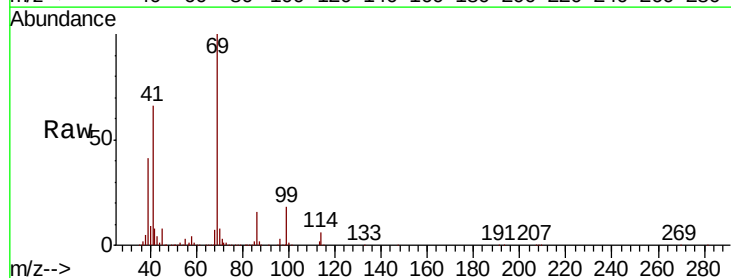
Instrument :
 MSVOA_X
 ClientSampleId :

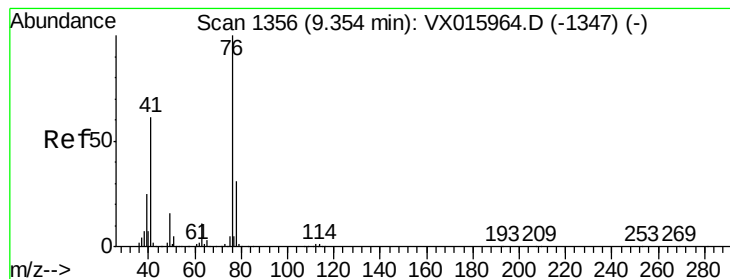
Tot Ion:	97	Resp:	171297
Ion	Ratio	Lower	Upper
97	100		
83	87.4	68.2	102.2
85	55.1	43.7	65.5
99	62.4	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 57.704 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX015969.D
 Acq: 29 Apr 2020 11:52

Tgt Ion:	69	Resp:	287007
Ion	Ratio	Lower	Upper
69	100		
41	67.6	53.5	80.3
39	41.3	33.4	50.0





#57

1,3-Dichloropropane

Concen: 55.881 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA_X

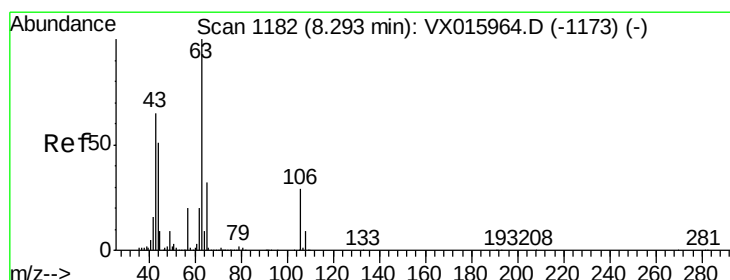
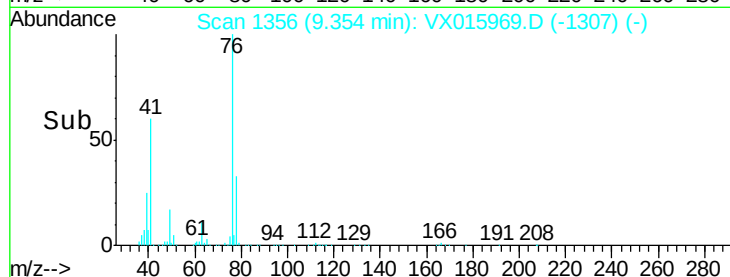
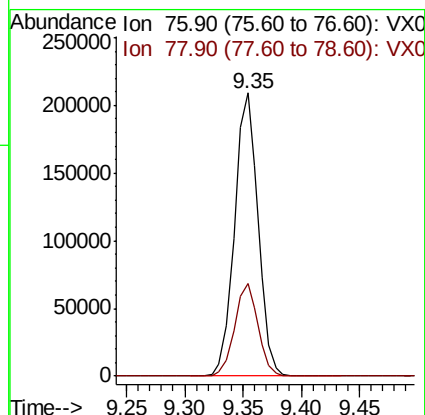
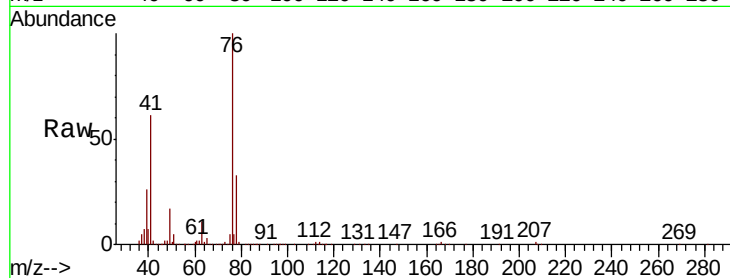
ClientSampleId :

Tot Ion: 76 Resp: 293689

Ion Ratio Lower Upper

76 100

78 32.4 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 266.631 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX015969.D

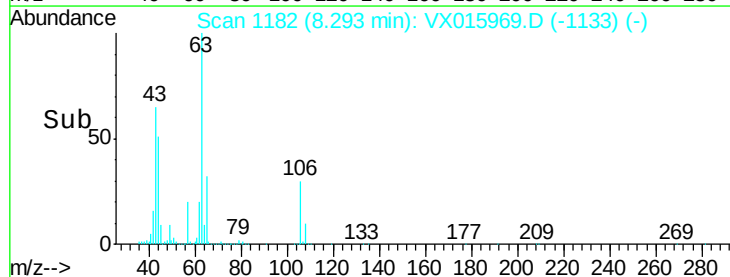
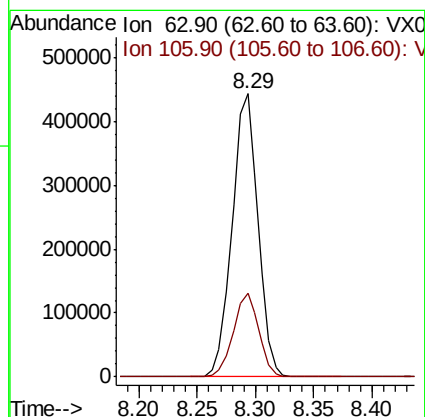
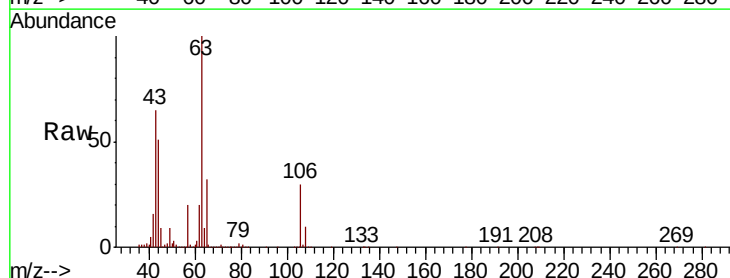
Acq: 29 Apr 2020 11:52

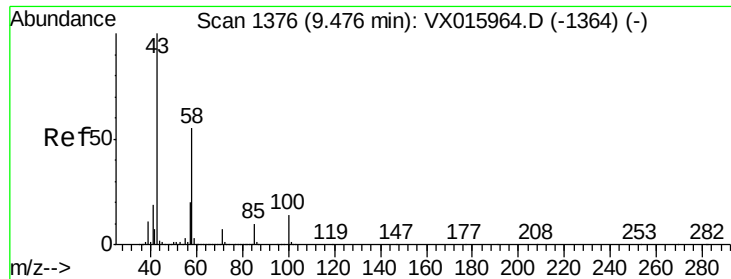
Tgt Ion: 63 Resp: 685310

Ion Ratio Lower Upper

63 100

106 29.1 23.6 35.4

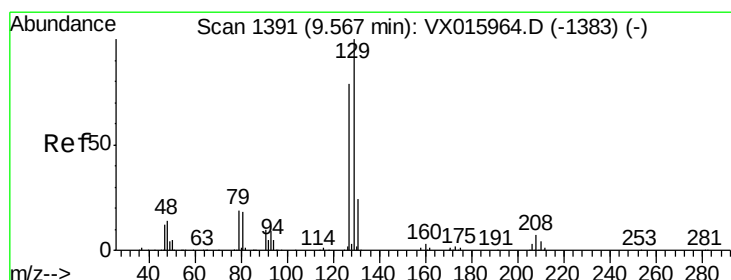
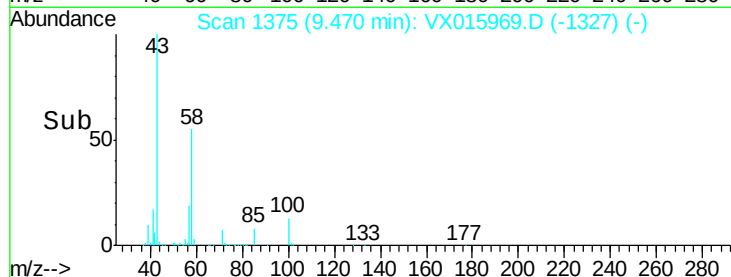
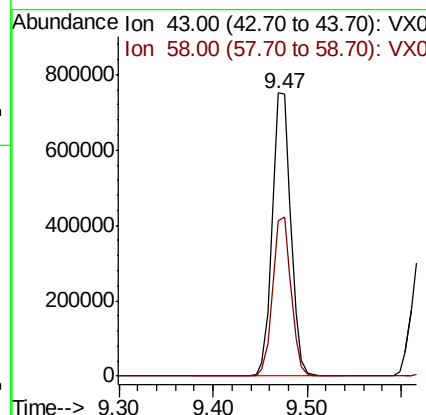
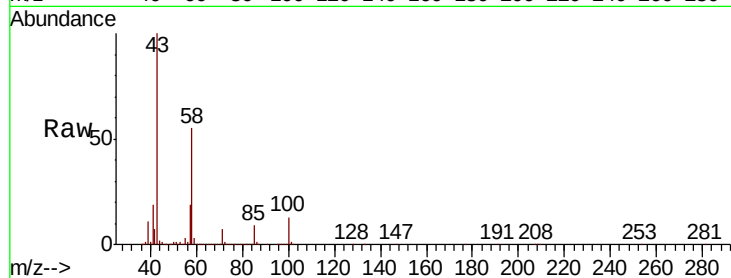




#59
2-Hexanone
Concen: 274.416 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX015969.D
Acq: 29 Apr 2020 11:52

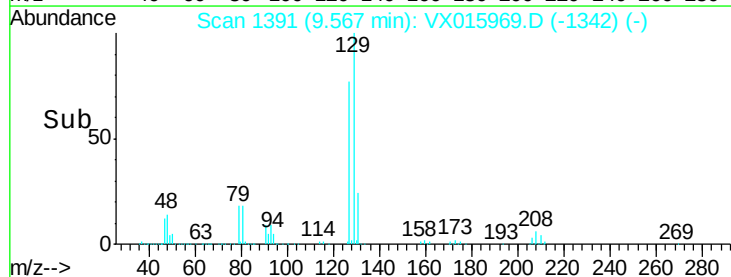
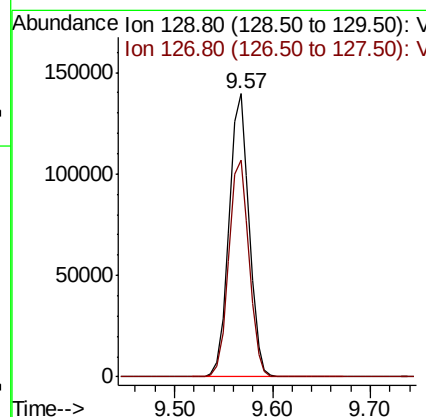
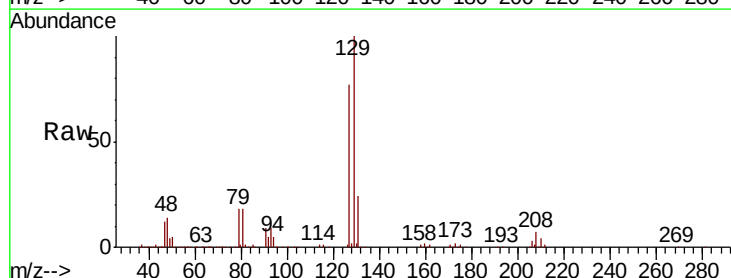
Instrument :
MSVOA_X
ClientSampleId :

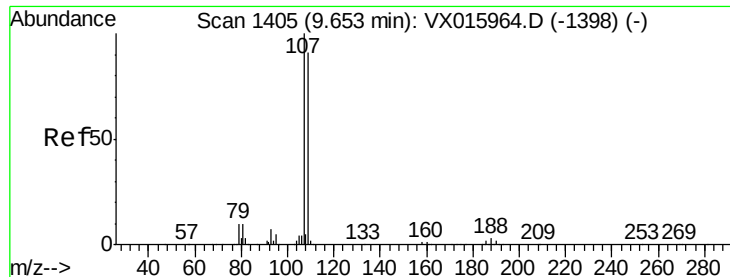
Tot Ion: 43 Resp: 1043872
Ion Ratio Lower Upper
43 100
58 55.5 27.7 83.1



#60
Dibromochloromethane
Concen: 57.801 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX015969.D
Acq: 29 Apr 2020 11:52

Tgt Ion: 129 Resp: 197891
Ion Ratio Lower Upper
129 100
127 77.7 39.4 118.1





#61

1,2-Dibromoethane

Concen: 56.516 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA_X

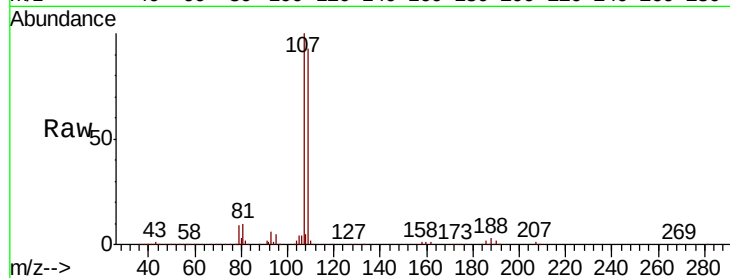
ClientSampleId :

Tot Ion:107 Resp: 187460

Ion Ratio Lower Upper

107 100

109 94.1 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

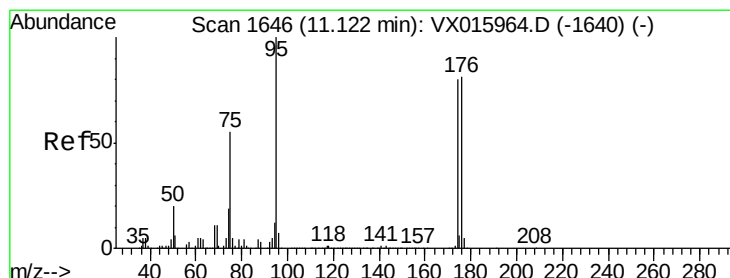
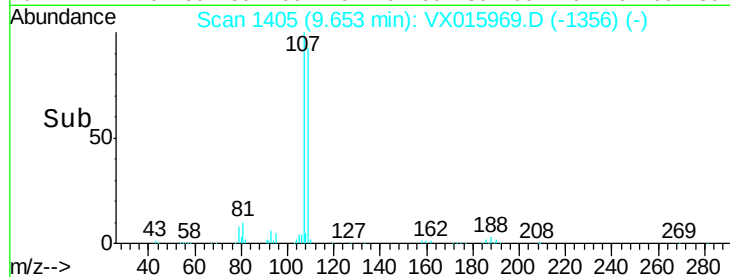
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.896 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

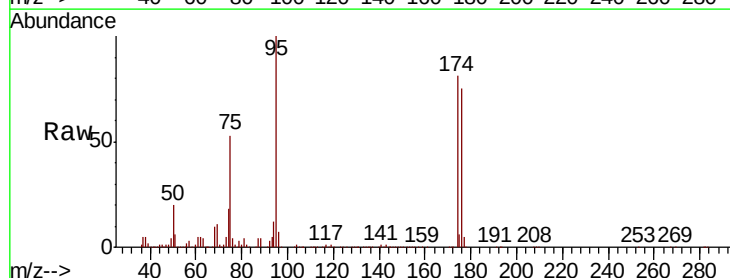
Tgt Ion: 95 Resp: 202528

Ion Ratio Lower Upper

95 100

174 82.4 0.0 165.0

176 78.7 0.0 163.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

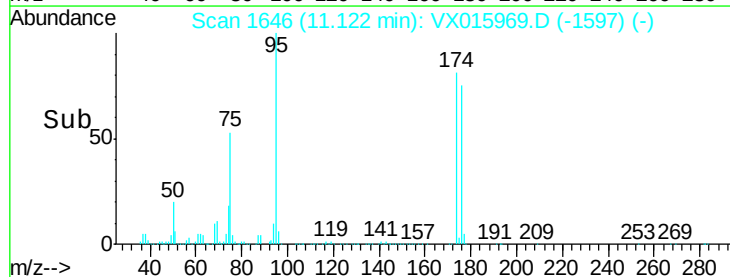
150000

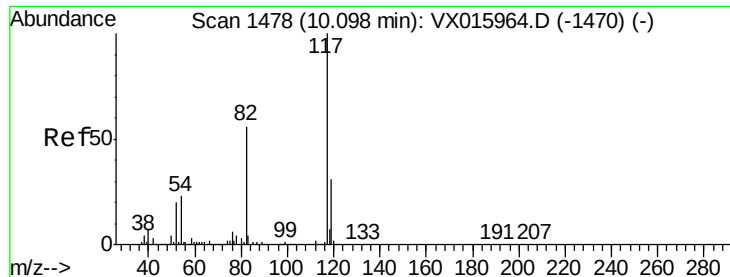
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

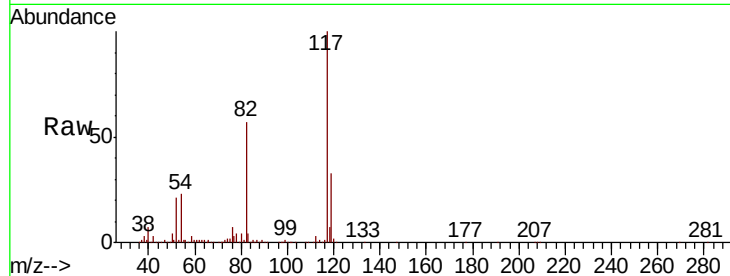
Tot Ion:117 Resp: 404174

Ion Ratio Lower Upper

117 100

82 57.1 44.5 66.7

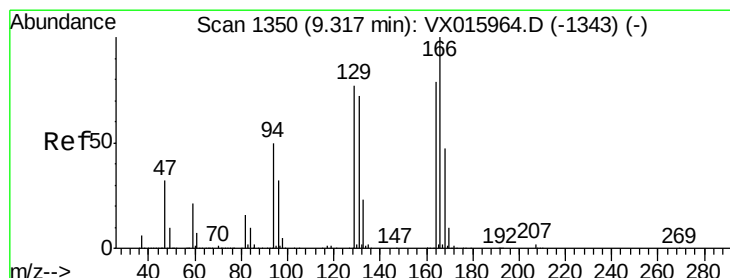
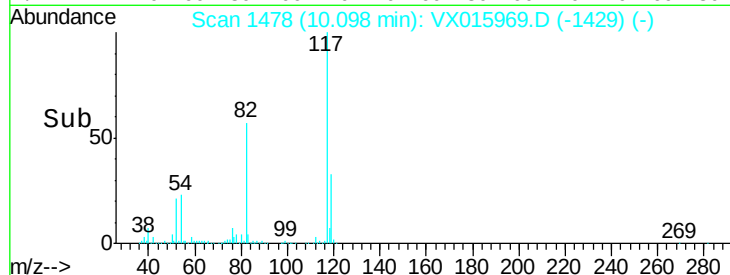
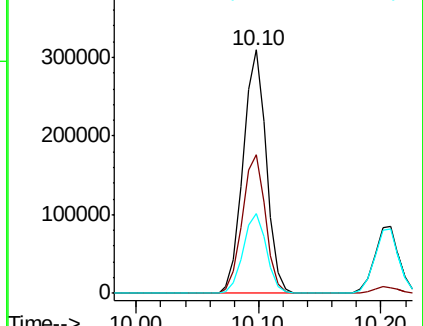
119 32.8 25.0 37.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 58.022 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Tgt Ion:164 Resp: 278200

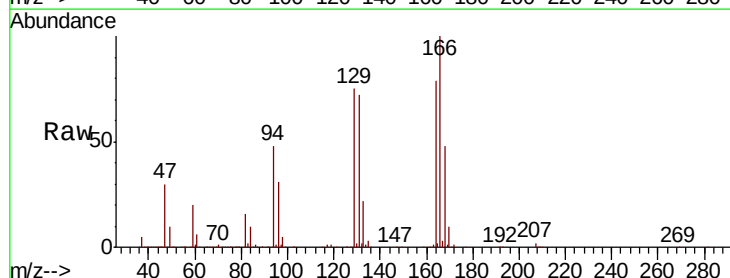
Ion Ratio Lower Upper

164 100

166 126.3 101.0 151.4

129 94.2 77.4 116.0

131 90.9 72.2 108.2

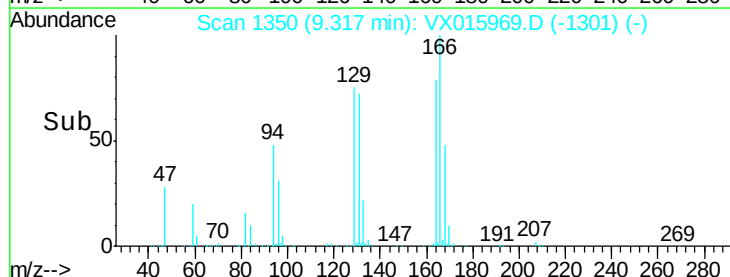
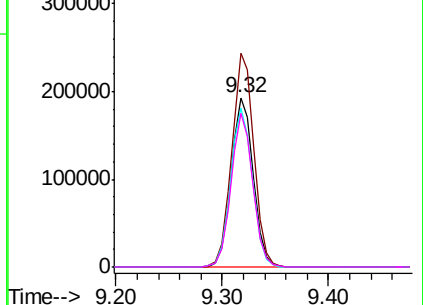


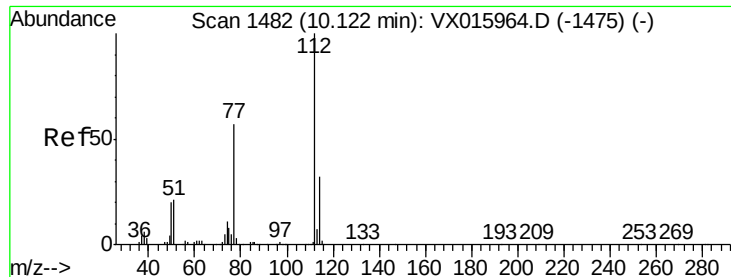
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

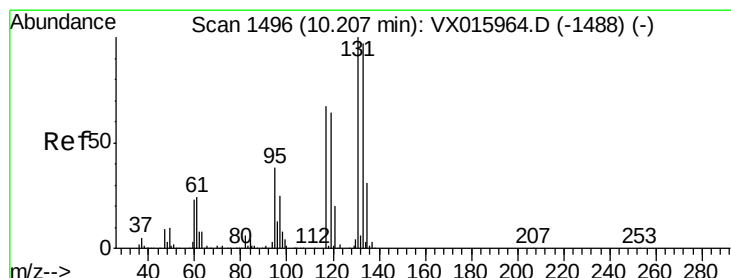
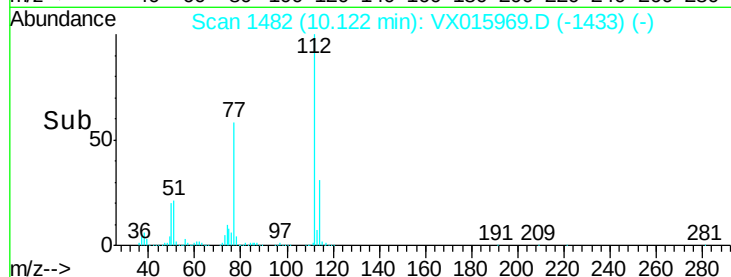
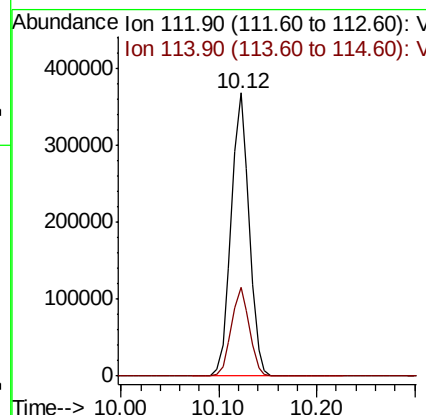
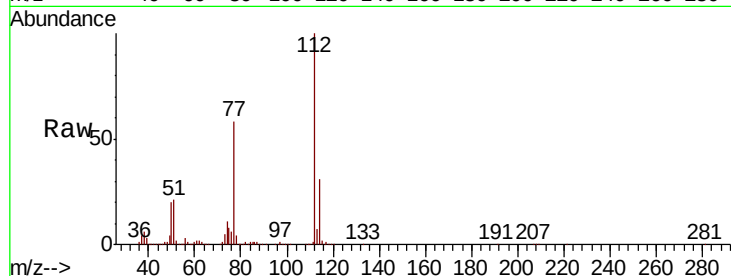




#65
Chlorobenzene
Concen: 57.033 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX015969.D
Acq: 29 Apr 2020 11:52

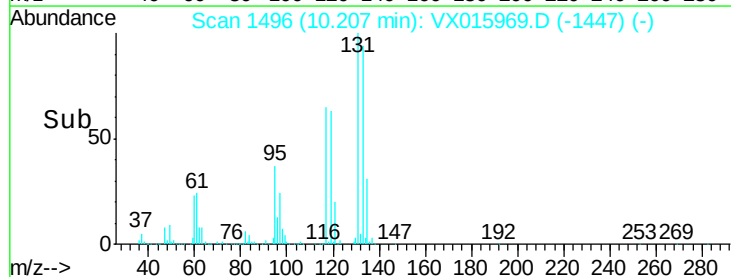
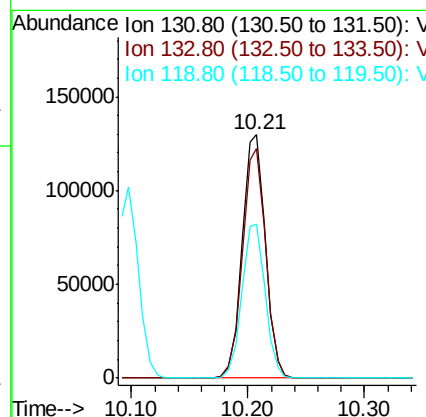
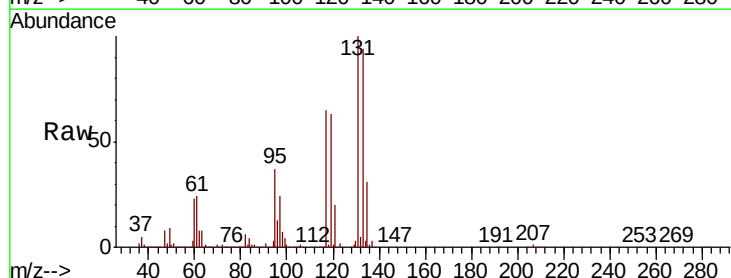
Instrument :
MSVOA_X
ClientSampleId :

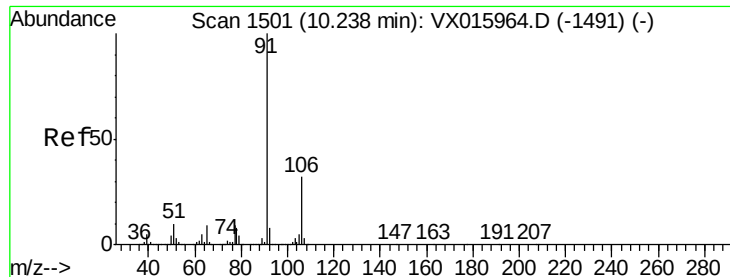
Tot Ion:112 Resp: 469498
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 57.881 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX015969.D
Acq: 29 Apr 2020 11:52

Tgt Ion:131 Resp: 180086
Ion Ratio Lower Upper
131 100
133 94.1 48.3 144.8
119 63.5 31.6 94.8





#67

Ethyl Benzene

Concen: 57.710 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA_X

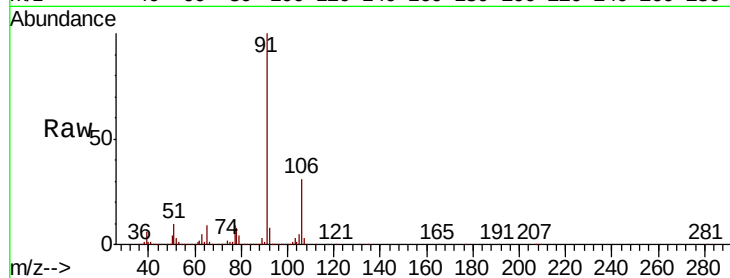
ClientSampled :

Tot Ion: 91 Resp: 846023

Ion Ratio Lower Upper

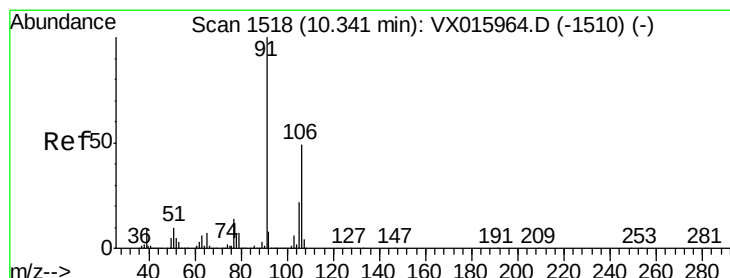
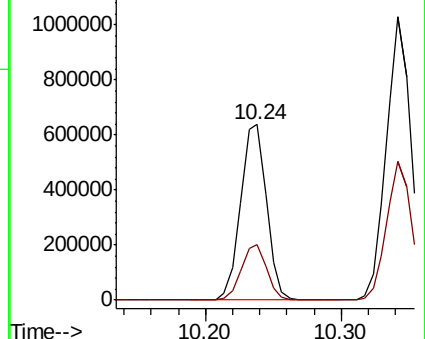
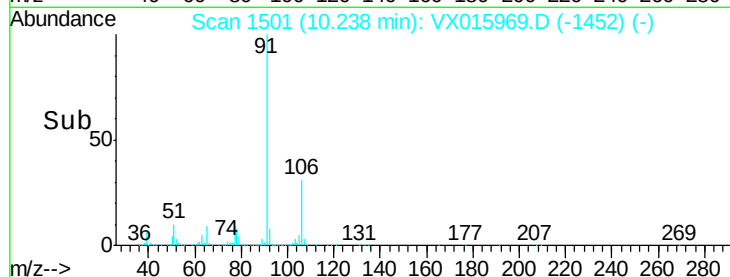
91 100

106 31.3 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): VX015969.D (-1452) (-)

Ion 106.00 (105.70 to 106.70): VX015969.D (-1452) (-)



#68

m/p-Xylenes

Concen: 115.942 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX015969.D

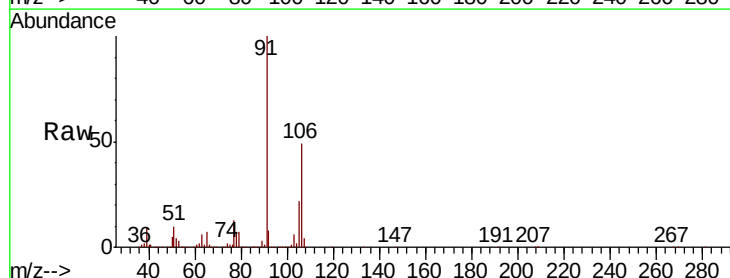
Acq: 29 Apr 2020 11:52

Tgt Ion: 106 Resp: 644963

Ion Ratio Lower Upper

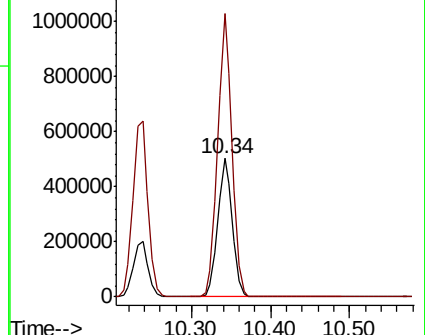
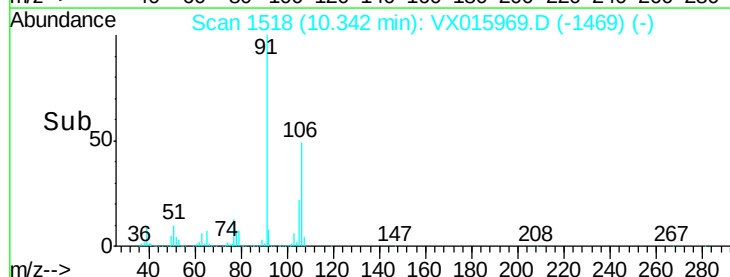
106 100

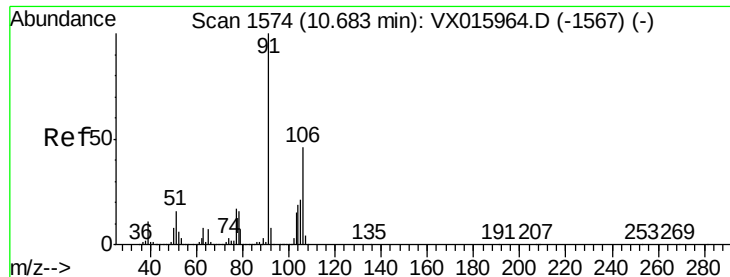
91 202.1 161.6 242.4



Abundance Ion 106.00 (105.70 to 106.70): VX015969.D (-1469) (-)

Ion 91.00 (90.70 to 91.70): VX015969.D (-1469) (-)

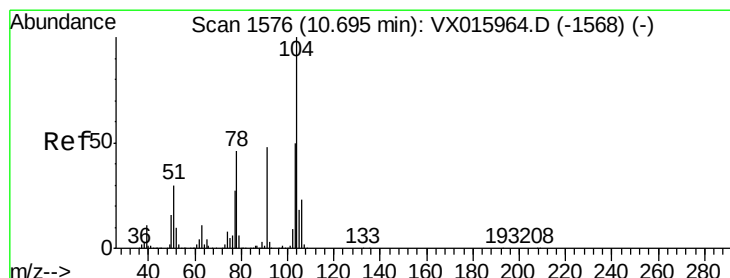
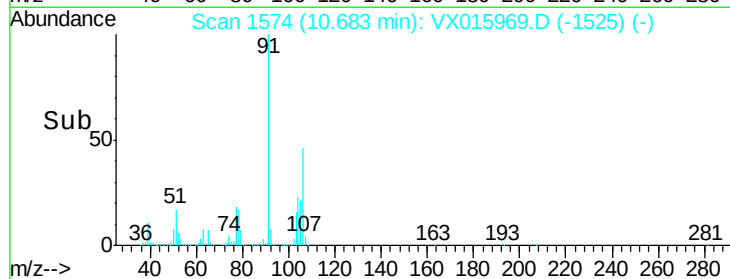
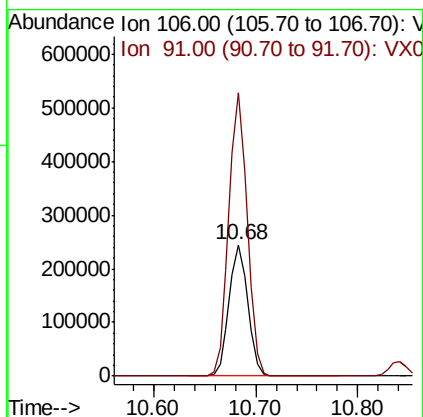
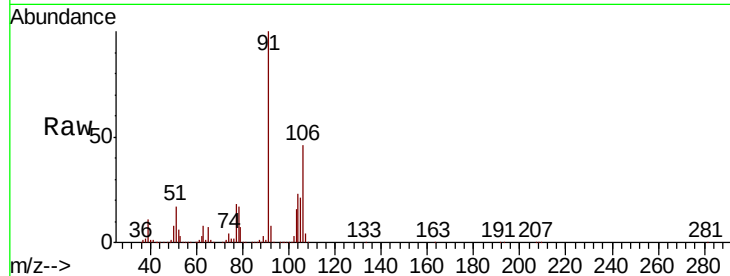




#69
o-Xylene
Concen: 58.841 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX015969.D
Acq: 29 Apr 2020 11:52

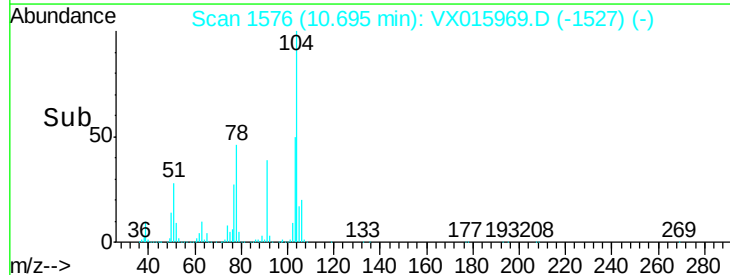
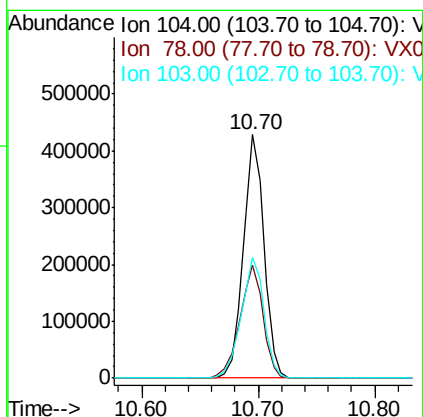
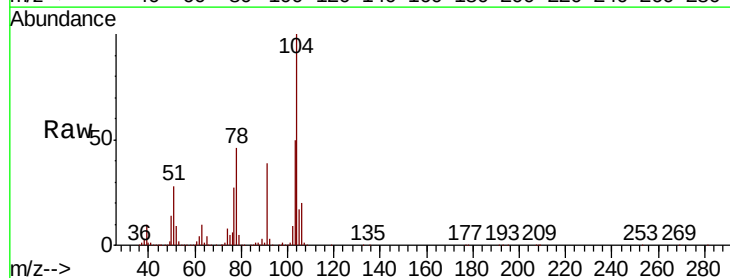
Instrument :
MSVOA_X
ClientSampled :

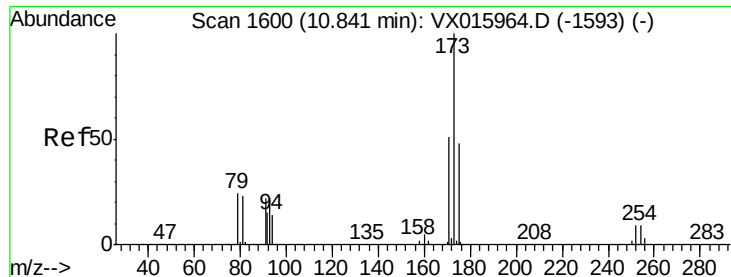
Tot Ion:106 Resp: 310769
Ion Ratio Lower Upper
106 100
91 212.1 106.1 318.3



#70
Styrene
Concen: 58.668 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX015969.D
Acq: 29 Apr 2020 11:52

Tgt Ion:104 Resp: 531672
Ion Ratio Lower Upper
104 100
78 51.5 41.0 61.4
103 54.4 43.4 65.2





#71

Bromoform

Concen: 53.682 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

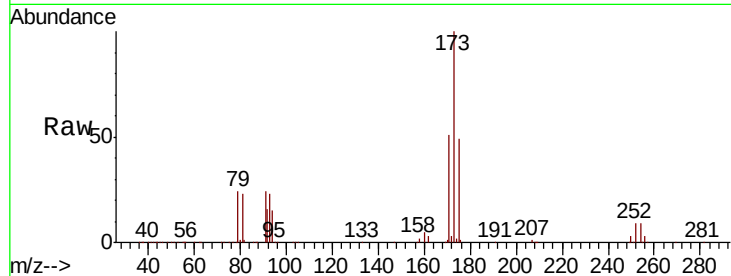
Tot Ion:173 Resp: 152660

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.4

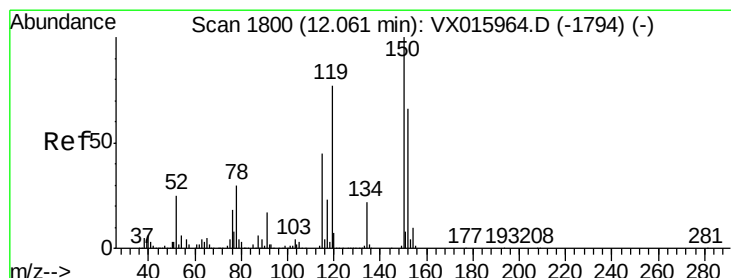
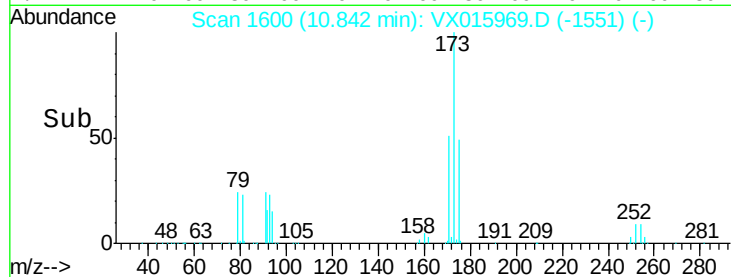
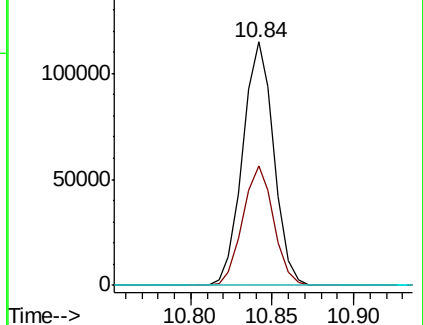
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

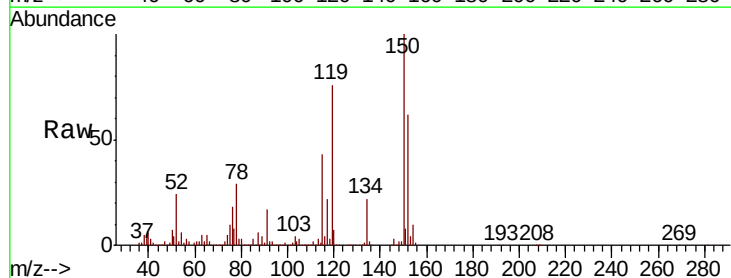
Tgt Ion:152 Resp: 213715

Ion Ratio Lower Upper

152 100

115 86.2 40.9 122.7

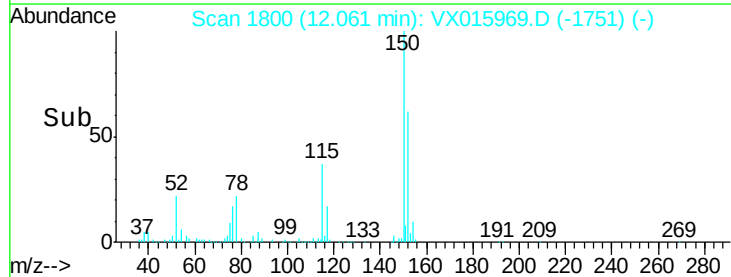
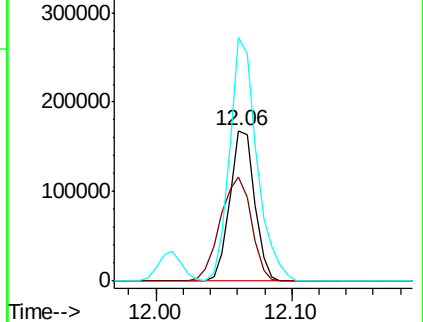
150 176.2 0.0 342.4

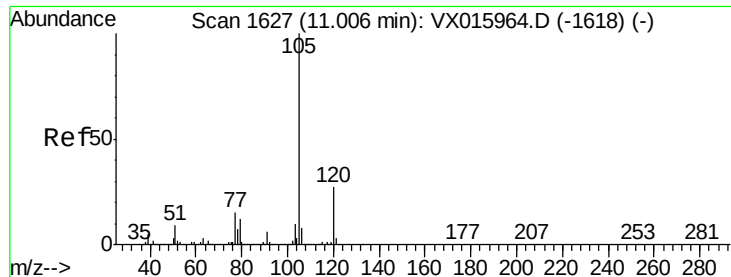


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 58.223 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA_X

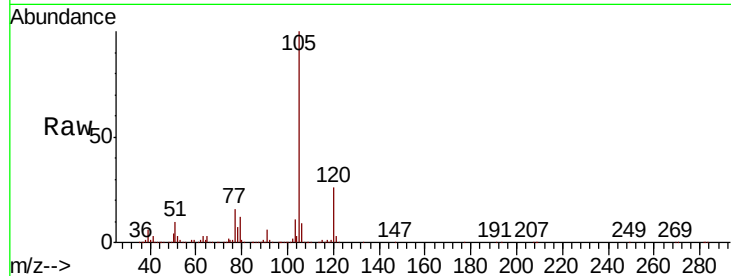
ClientSampleId :

Tot Ion:105 Resp: 846484

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

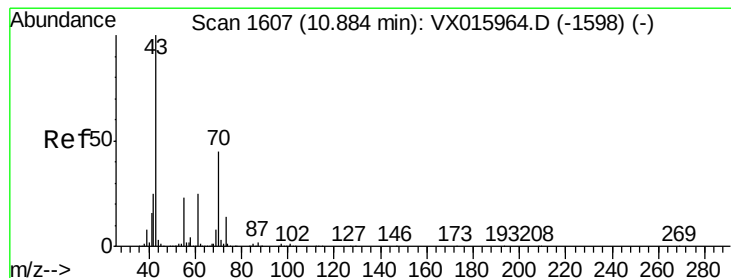
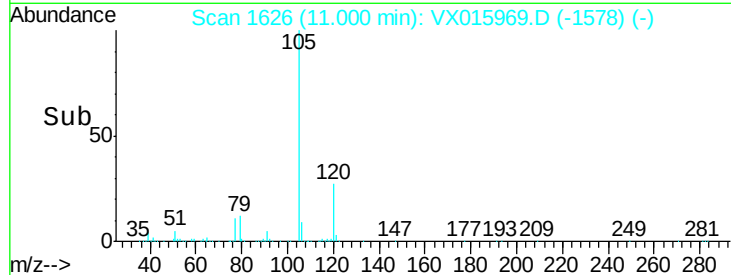
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 57.027 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Tgt Ion: 43 Resp: 399868

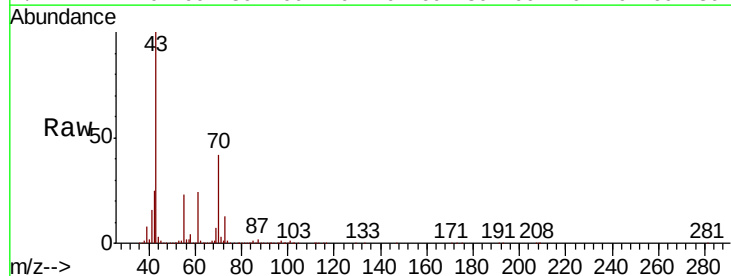
Ion Ratio Lower Upper

43 100

70 43.0 34.5 51.7

55 23.3 18.6 28.0

61 24.5 19.8 29.6



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

10.88

500000

400000

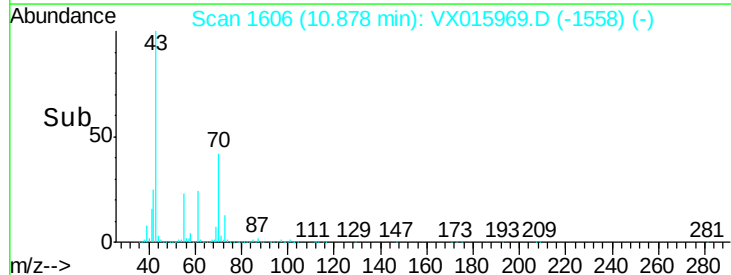
300000

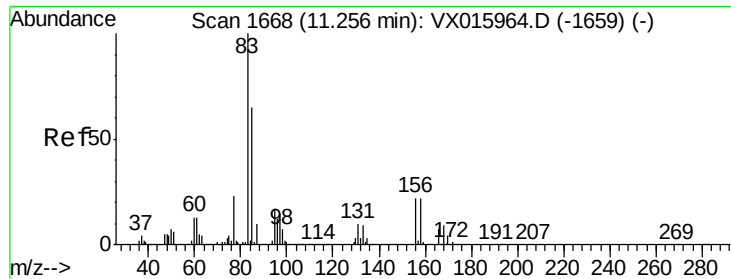
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 43.802 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

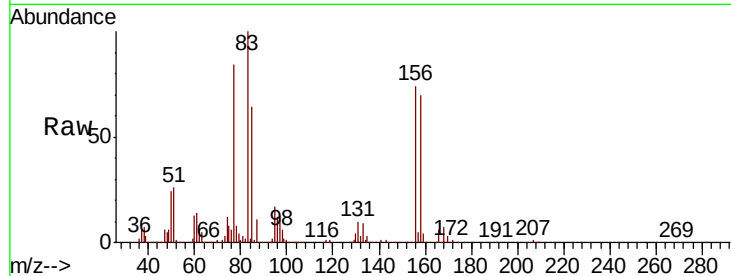
Tot Ion: 83 Resp: 146150

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.4

85 65.3 32.2 96.6

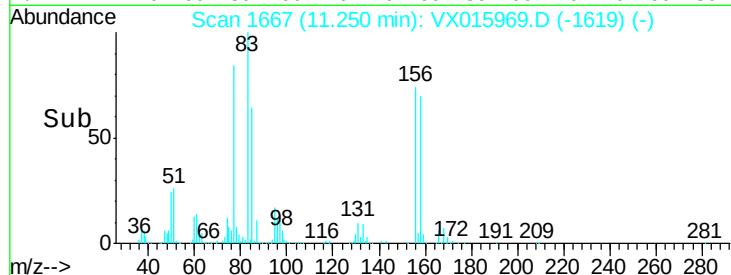


Abundance Ion 82.90 (82.60 to 83.60): VX015969.D (-1619) (-)

Ion 130.80 (130.50 to 131.50): VX015969.D (-1619) (-)

Ion 84.90 (84.60 to 85.60): VX015969.D (-1619) (-)

Time-->

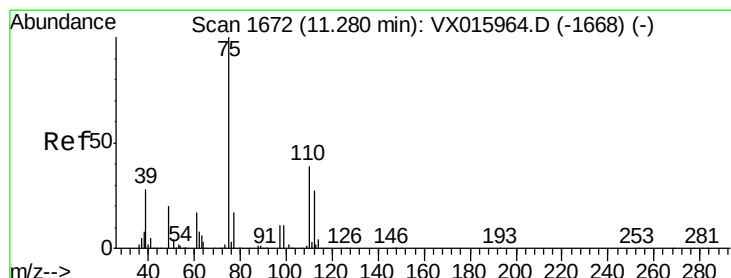


Abundance Ion 82.90 (82.60 to 83.60): VX015969.D (-1619) (-)

Ion 130.80 (130.50 to 131.50): VX015969.D (-1619) (-)

Ion 84.90 (84.60 to 85.60): VX015969.D (-1619) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 76.802 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX015969.D

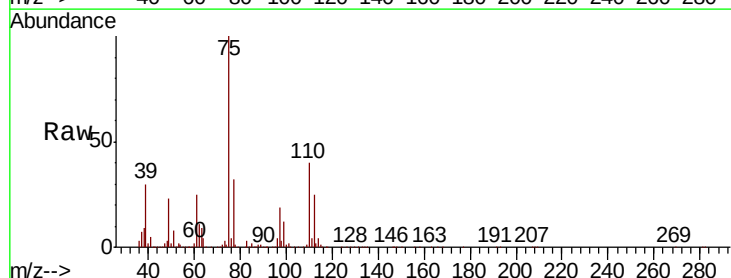
Acq: 29 Apr 2020 11:52

Tgt Ion: 75 Resp: 344416

Ion Ratio Lower Upper

75 100

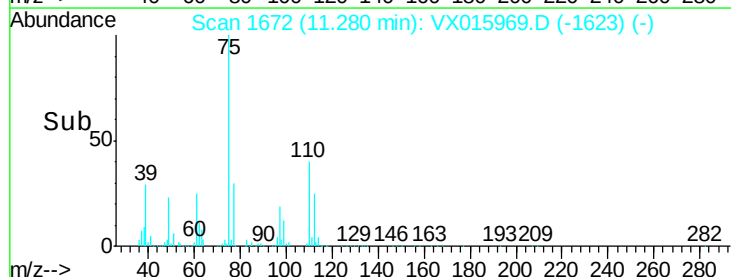
77 31.7 21.6 65.0



Abundance Ion 74.90 (74.60 to 75.60): VX015969.D (-1623) (-)

Ion 77.00 (76.70 to 77.70): VX015969.D (-1623) (-)

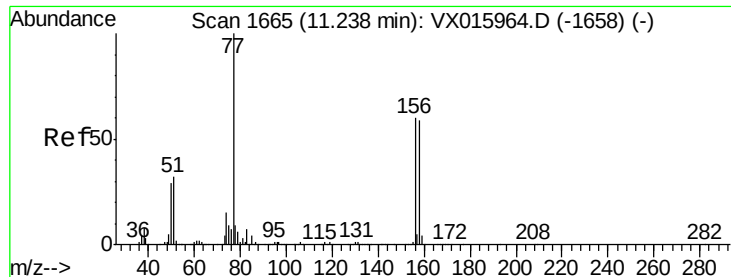
Time-->



Abundance Ion 74.90 (74.60 to 75.60): VX015969.D (-1623) (-)

Ion 77.00 (76.70 to 77.70): VX015969.D (-1623) (-)

Time-->



#77

Bromobenzene

Concen: 56.865 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

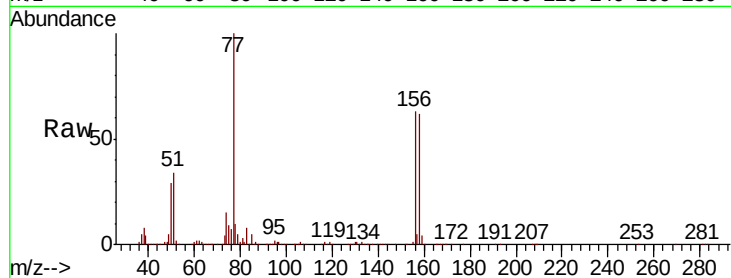
Tot Ion:156 Resp: 212807

Ion Ratio Lower Upper

156 100

77 158.0 78.3 234.8

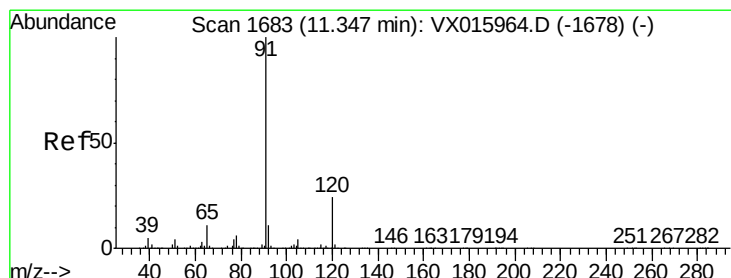
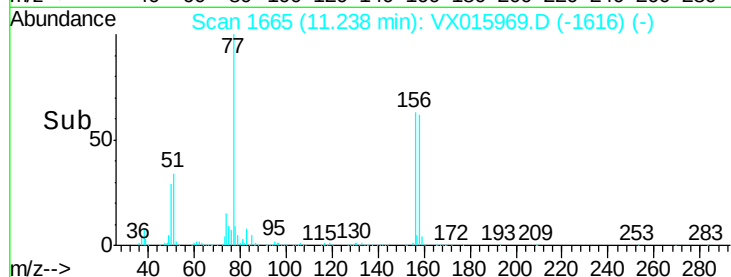
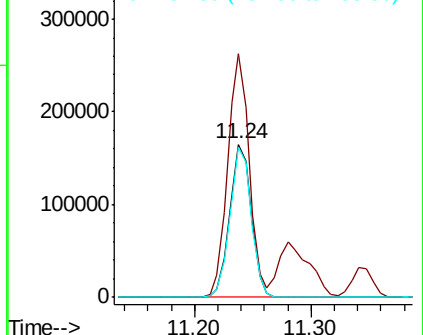
158 97.0 48.5 145.5



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: 58.405 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX015969.D

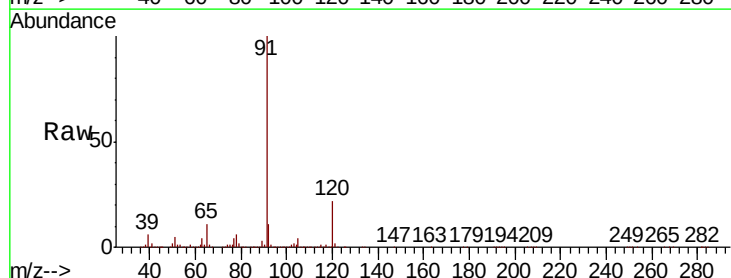
Acq: 29 Apr 2020 11:52

Tgt Ion: 91 Resp: 976806

Ion Ratio Lower Upper

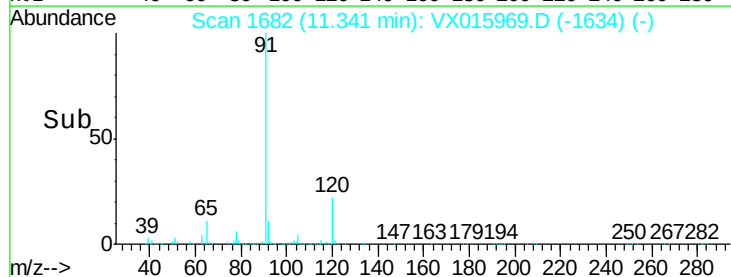
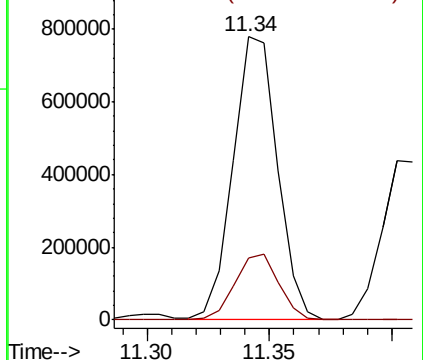
91 100

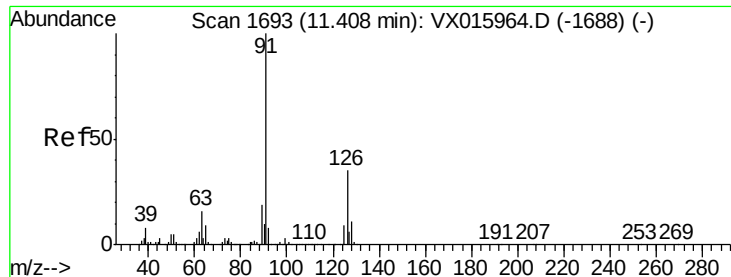
120 23.2 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 57.339 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA_X

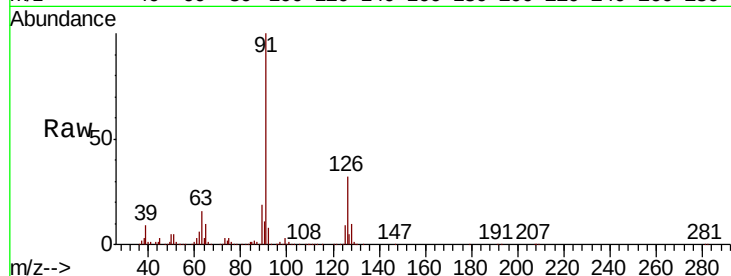
ClientSampled :

Tot Ion: 91 Resp: 571368

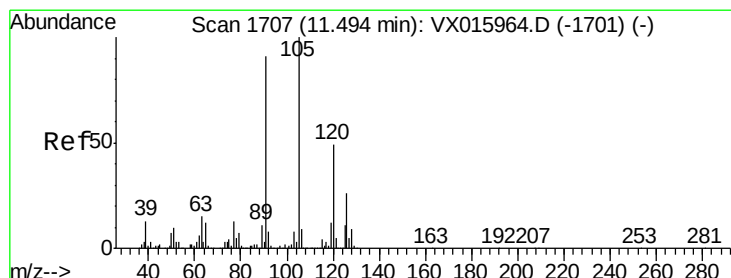
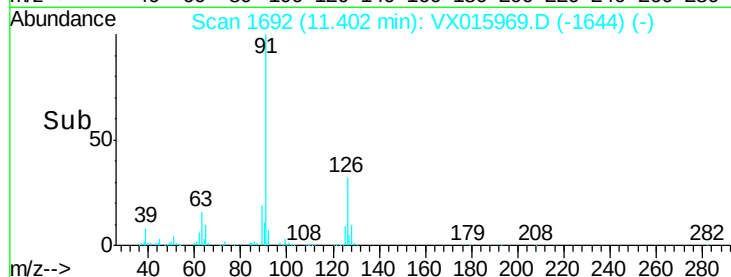
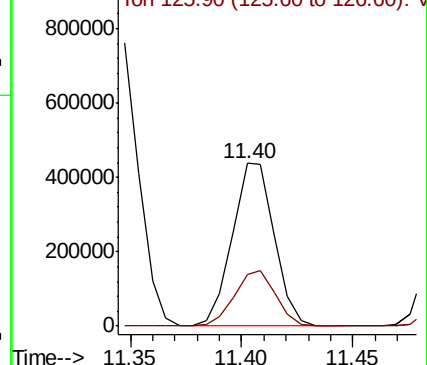
Ion Ratio Lower Upper

91 100

126 33.6 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VX015964.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 58.427 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX015969.D

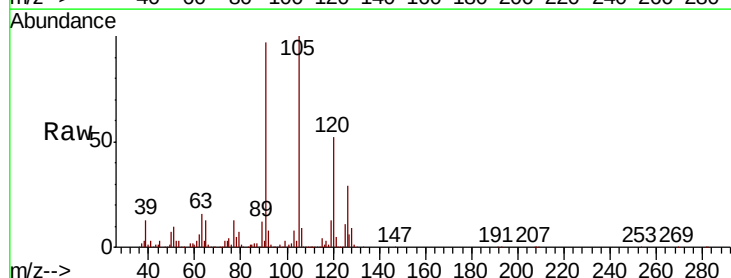
Acq: 29 Apr 2020 11:52

Tgt Ion: 105 Resp: 715557

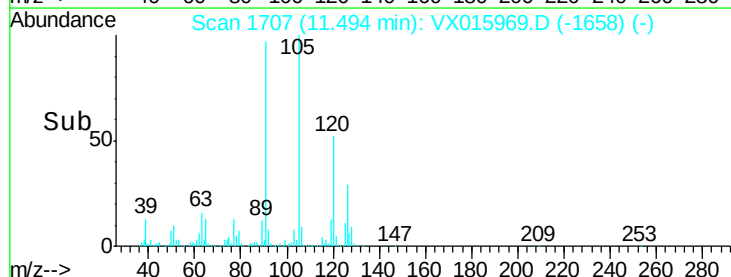
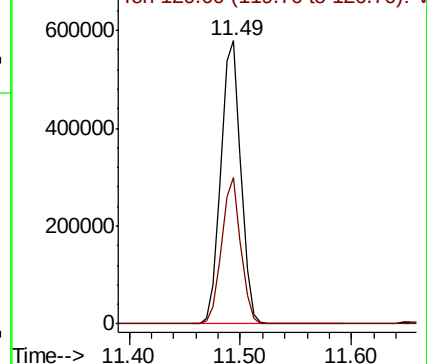
Ion Ratio Lower Upper

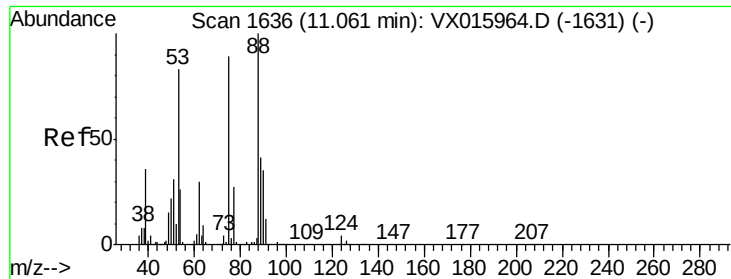
105 100

120 49.5 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VX015964.D (-1701) (-)

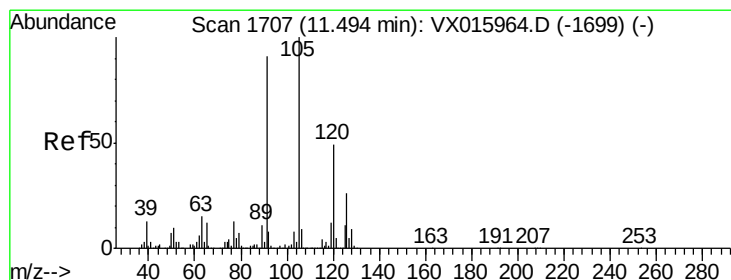
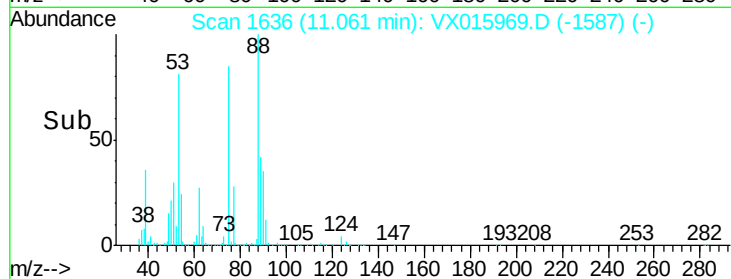
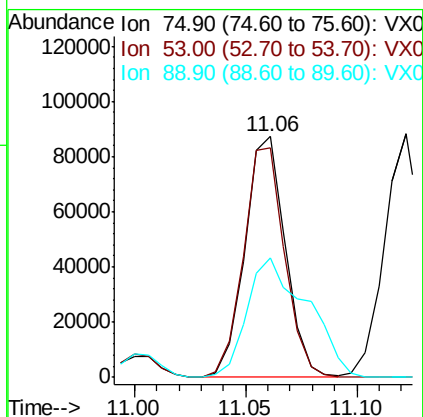
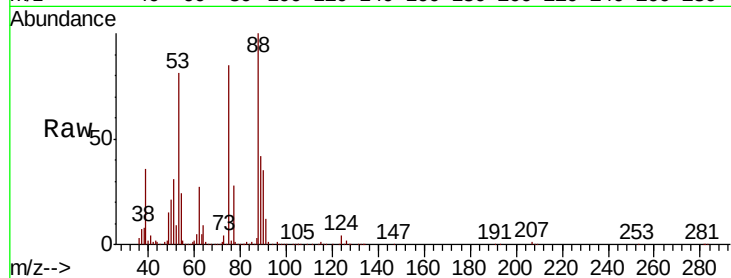




#81
trans-1,4-Dichloro-2-butene
Concen: 57.853 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX015969.D
Acq: 29 Apr 2020 11:52

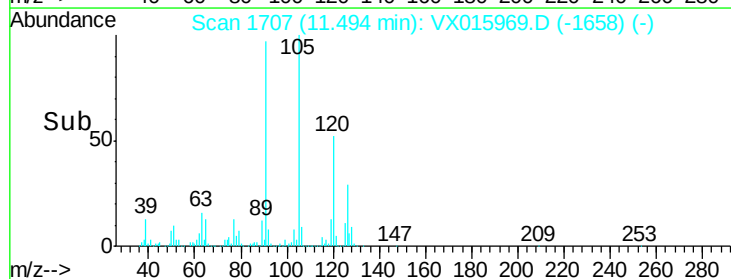
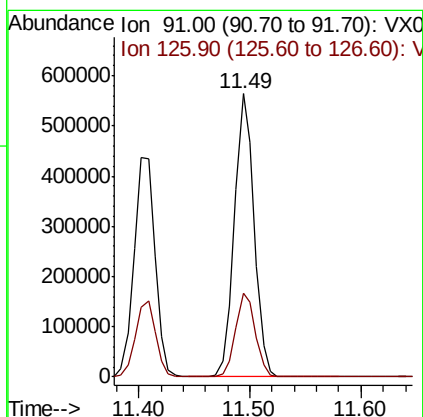
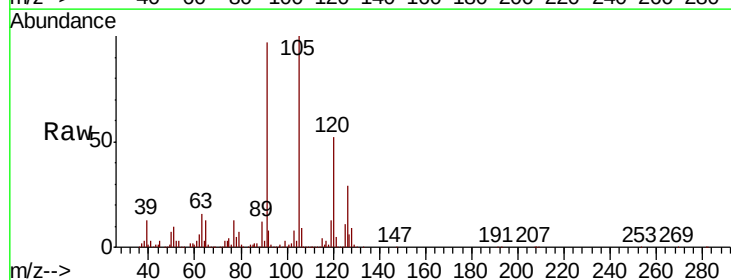
Instrument :
MSVOA_X
ClientSampleId :

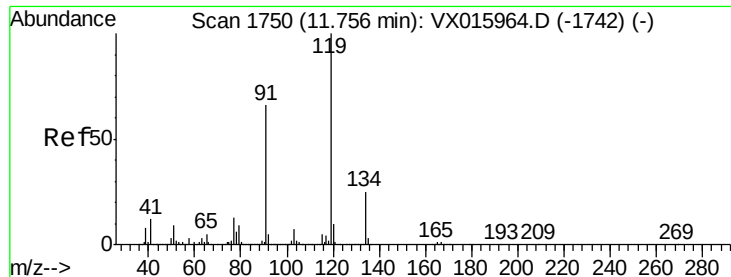
Tot Ion: 75 Resp: 109786
Ion Ratio Lower Upper
75 100
53 97.9 78.3 117.5
89 73.9 37.2 55.8#



#82
4-Chlorotoluene
Concen: 57.706 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX015969.D
Acq: 29 Apr 2020 11:52

Tgt Ion: 91 Resp: 687744
Ion Ratio Lower Upper
91 100
126 29.8 14.8 44.3

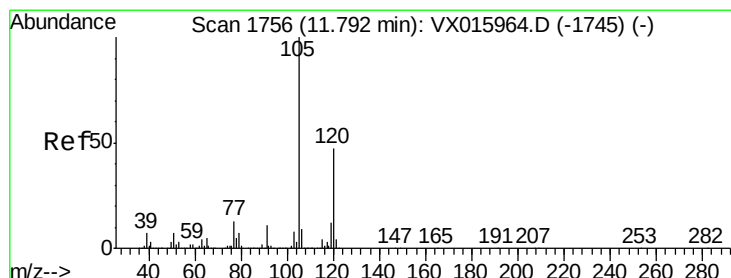
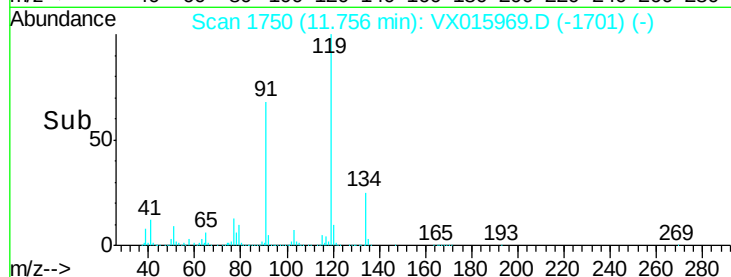
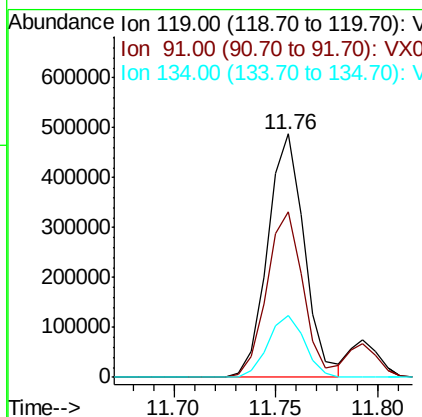
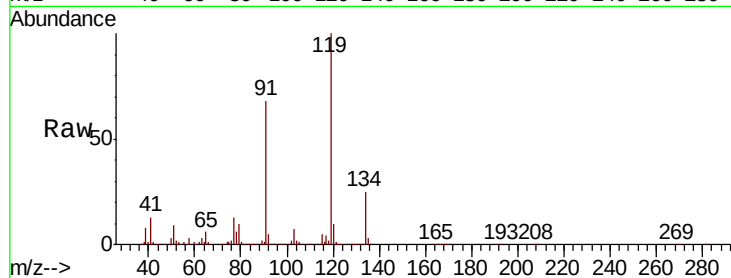




#83
 tert-Butylbenzene
 Concen: 57.776 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX015969.D
 Acq: 29 Apr 2020 11:52

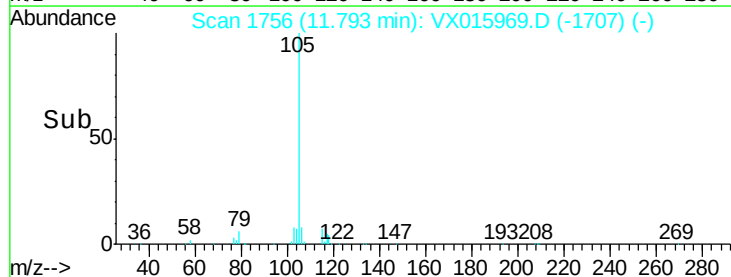
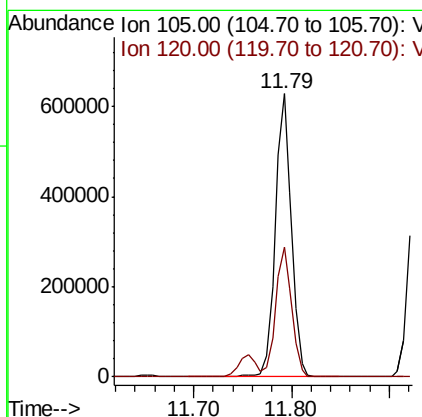
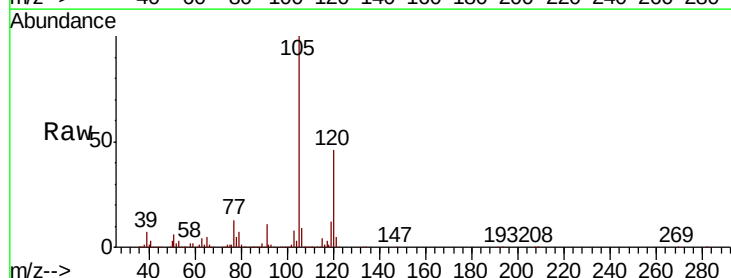
Instrument :
 MSVOA_X
 ClientSampleId :

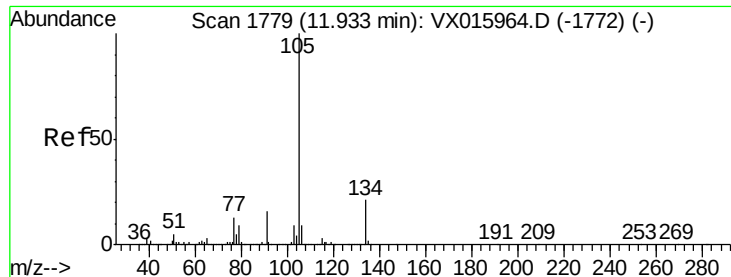
Tot Ion:119 Resp: 610102
 Ion Ratio Lower Upper
 119 100
 91 67.1 33.5 100.4
 134 25.2 12.4 37.2



#84
 1,2,4-Trimethylbenzene
 Concen: 58.972 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX015969.D
 Acq: 29 Apr 2020 11:52

Tgt Ion:105 Resp: 726874
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.9 68.8





#85

sec-Butylbenzene

Concen: 59.190 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA_X

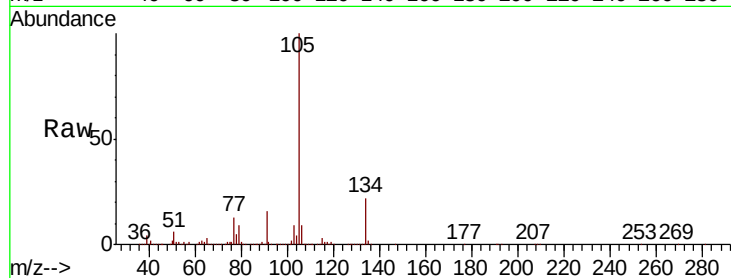
ClientSampleId :

Tot Ion:105 Resp: 842094

Ion Ratio Lower Upper

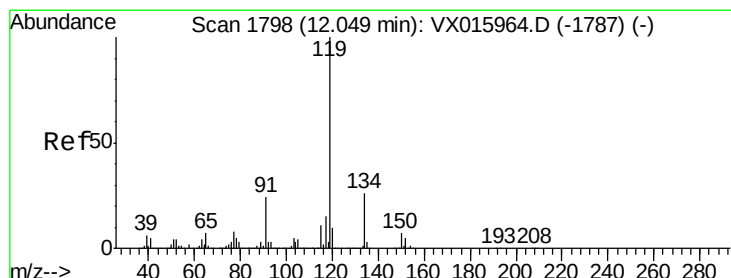
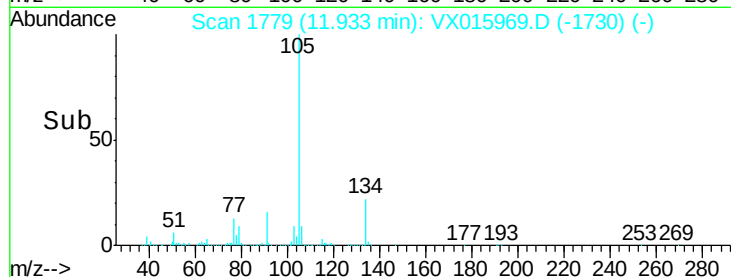
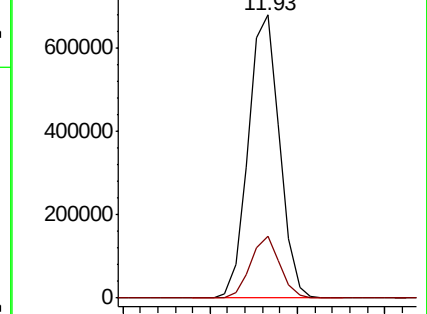
105 100

134 20.6 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: 59.696 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

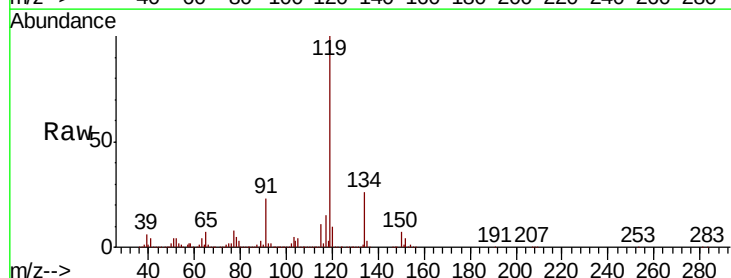
Tgt Ion:119 Resp: 795519

Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

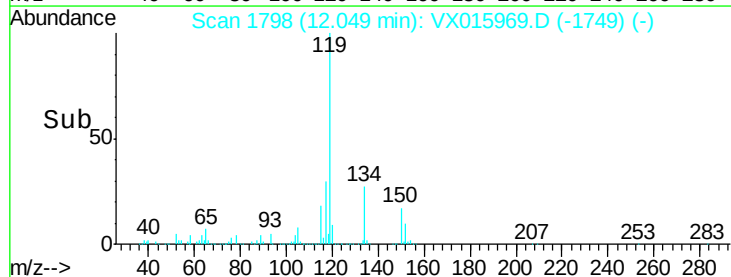
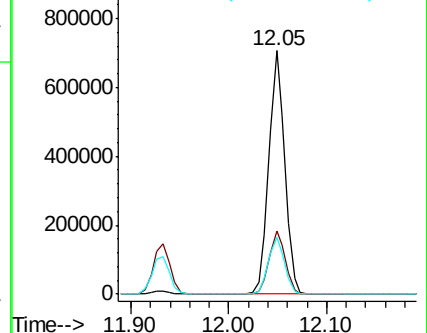
91 23.8 11.9 35.9

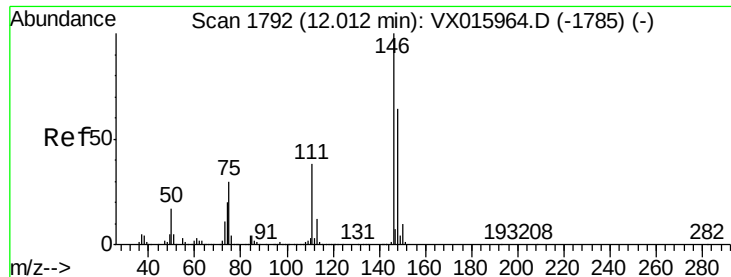


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 56.398 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

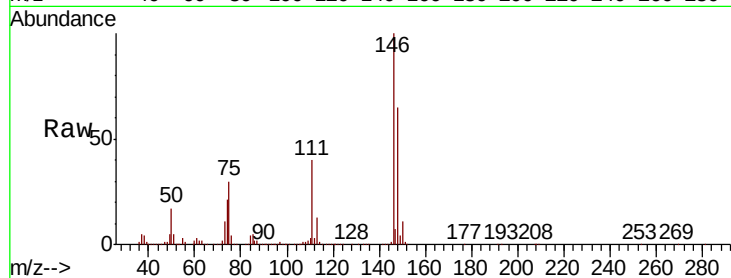
Tot Ion:146 Resp: 384889

Ion Ratio Lower Upper

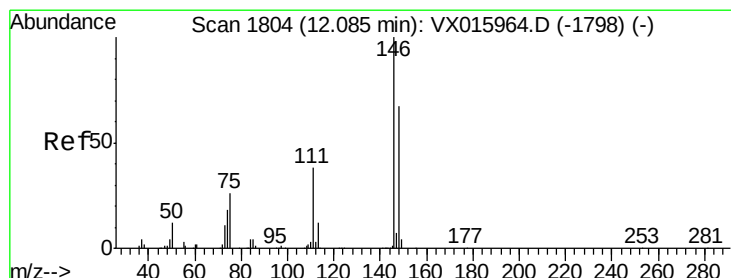
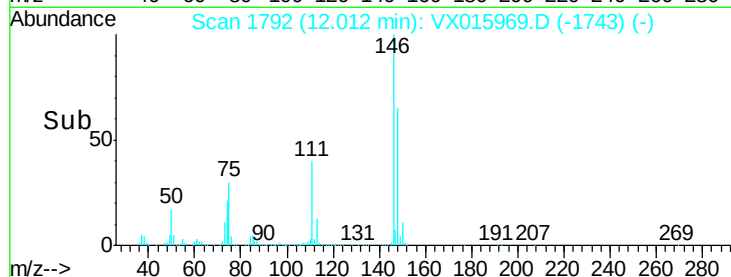
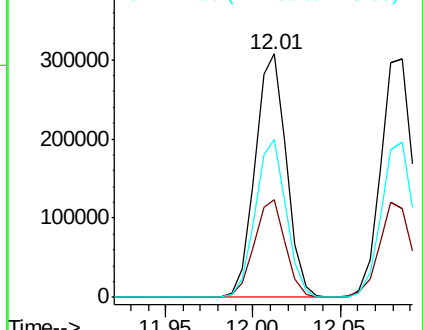
146 100

111 39.8 19.6 58.8

148 63.8 32.0 96.0



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



#88

1,4-Dichlorobenzene

Concen: 55.498 ug/l

RT: 12.09 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VX015969.D

Acq: 29 Apr 2020 11:52

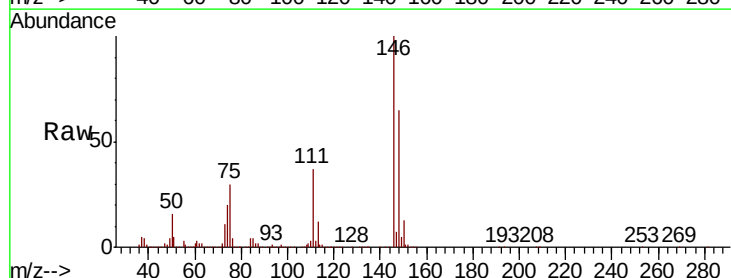
Tgt Ion:146 Resp: 382778

Ion Ratio Lower Upper

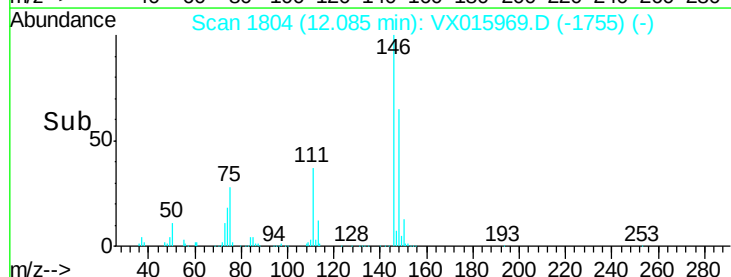
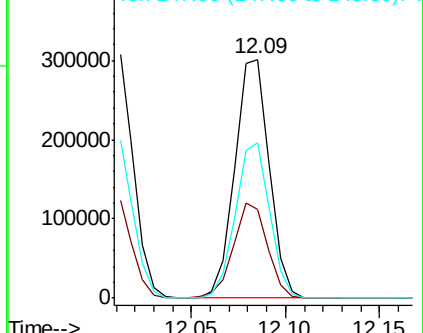
146 100

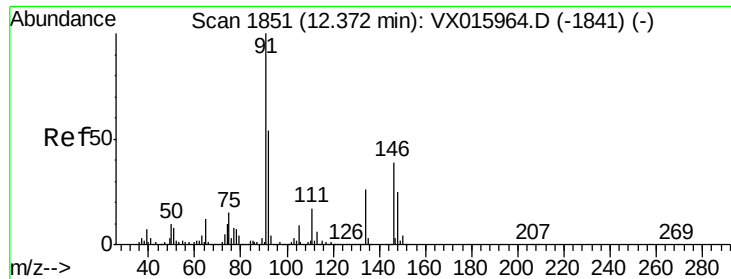
111 39.3 19.7 59.0

148 64.6 32.8 98.4



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

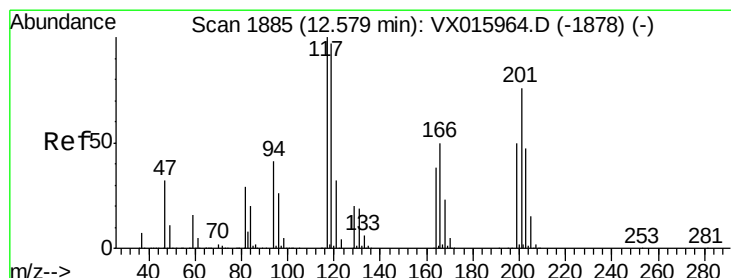
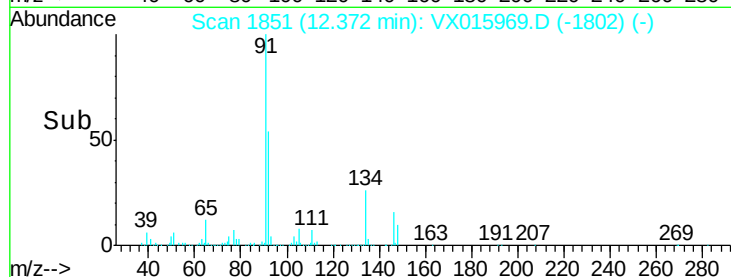
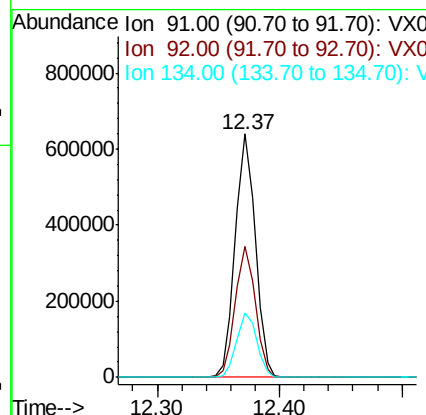
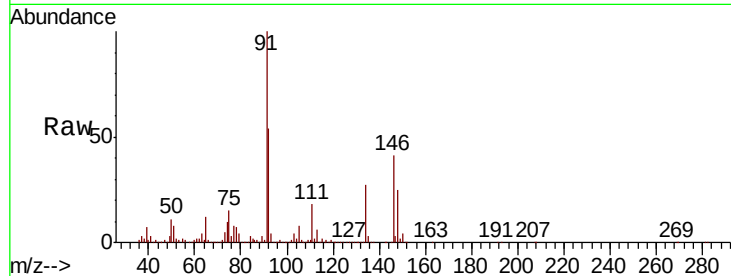




#89
n-Butylbenzene
Concen: 60.021 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX015969.D
Acq: 29 Apr 2020 11:52

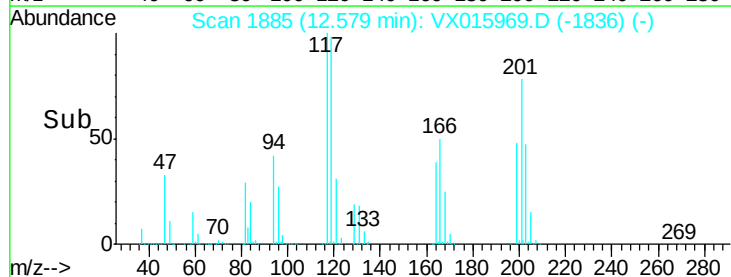
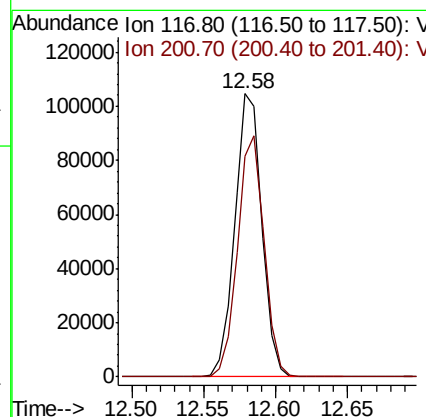
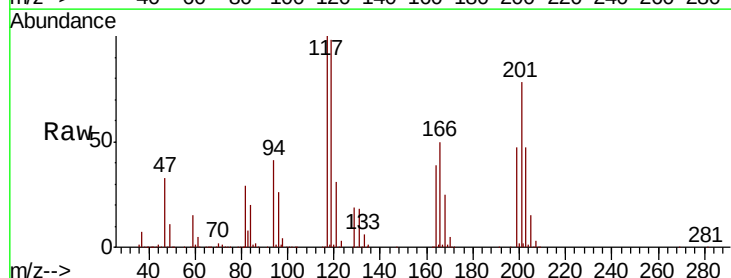
Instrument :
MSVOA_X
ClientSampleId :

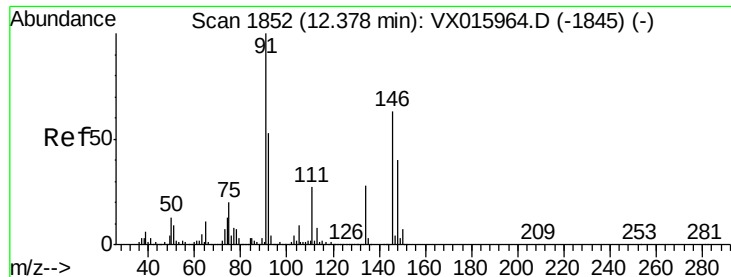
Tot Ion: 91 Resp: 722705
Ion Ratio Lower Upper
91 100
92 53.9 27.1 81.3
134 26.8 13.3 39.8



#90
Hexachloroethane
Concen: 58.342 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX015969.D
Acq: 29 Apr 2020 11:52

Tgt Ion: 117 Resp: 137370
Ion Ratio Lower Upper
117 100
201 83.4 40.3 120.8

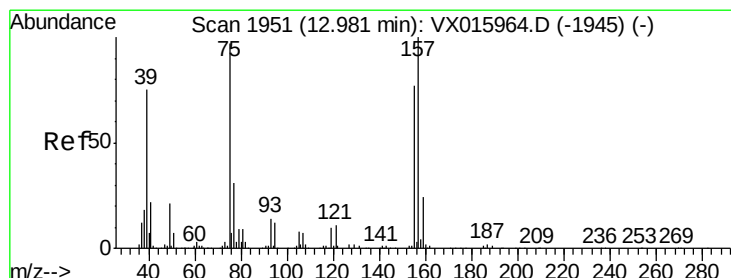
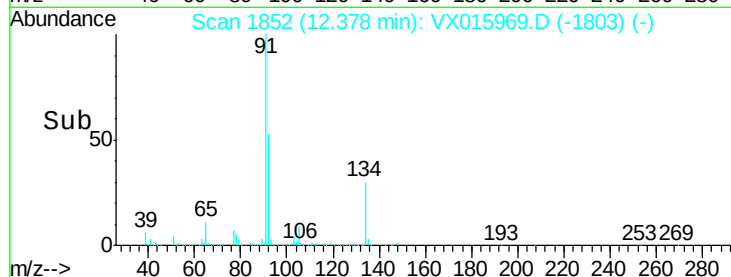
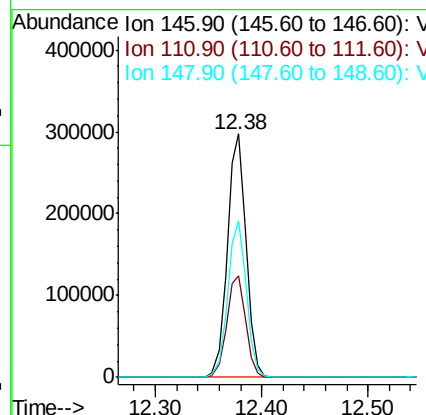
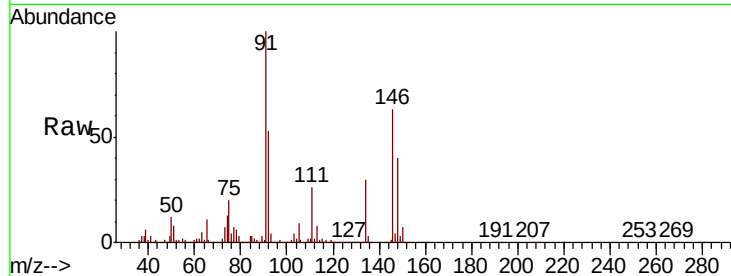




#91
 1,2-Dichlorobenzene
 Concen: 55.855 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX015969.D
 Acq: 29 Apr 2020 11:52

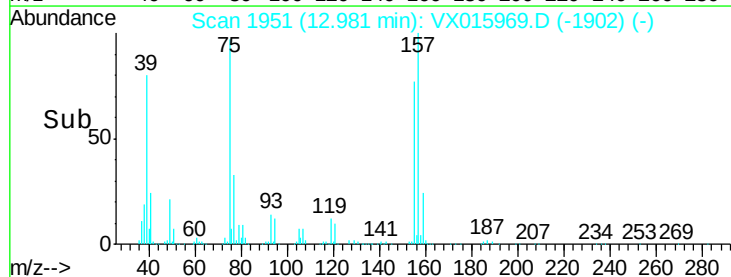
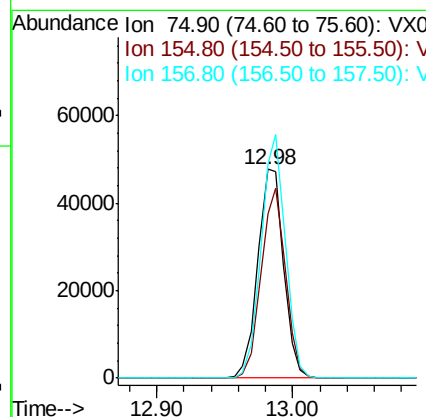
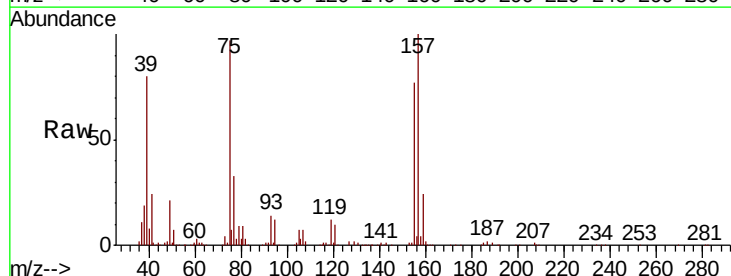
Instrument :
 MSVOA_X
 ClientSampleId :

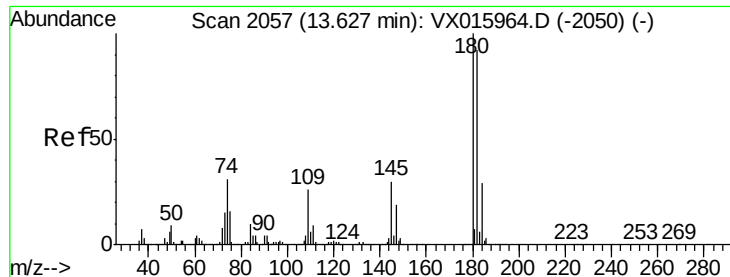
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.1	63.3
148	63.8	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.443 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX015969.D
 Acq: 29 Apr 2020 11:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.5	42.5	127.6
157	109.2	56.0	168.2

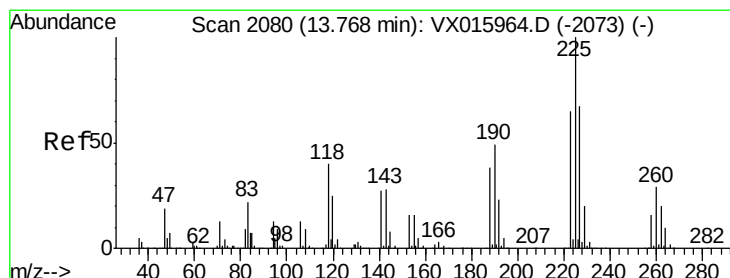
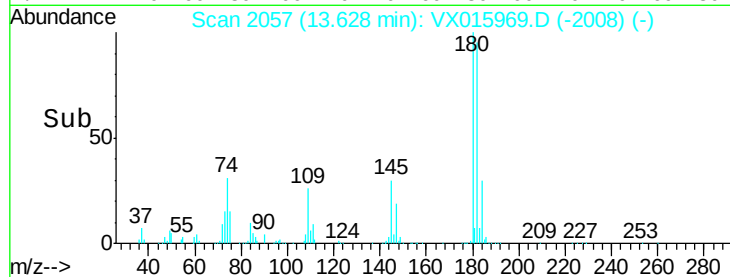
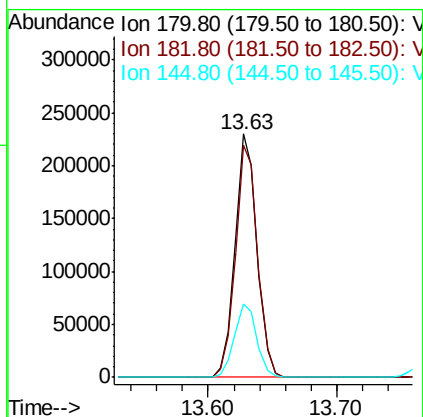
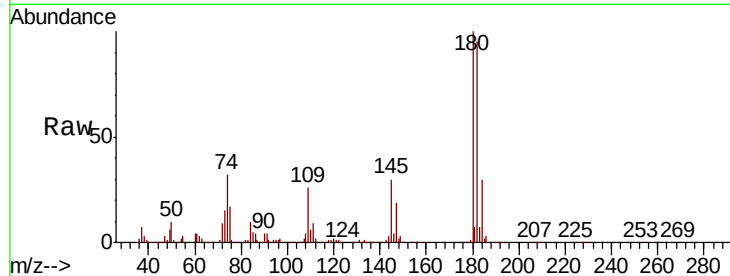




#93
 1,2,4-Trichlorobenzene
 Concen: 55.477 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX015969.D
 Acq: 29 Apr 2020 11:52

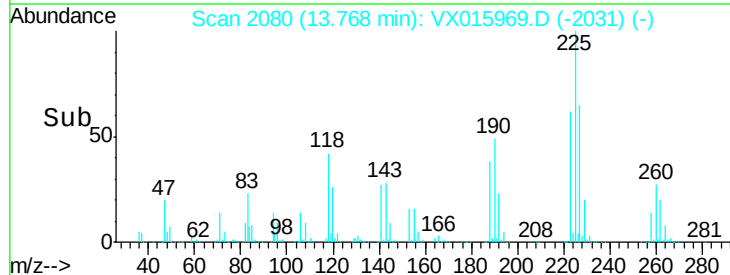
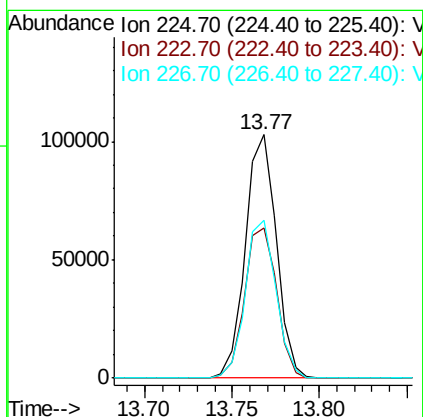
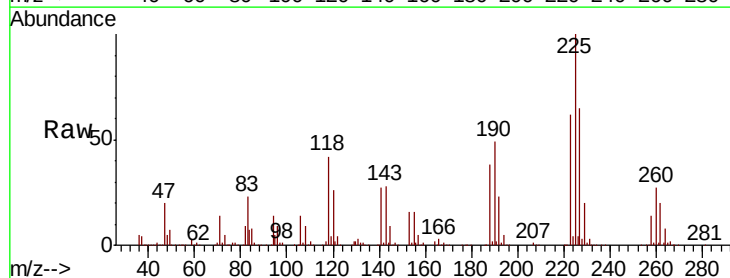
Instrument :
 MSVOA_X
 ClientSampleId :

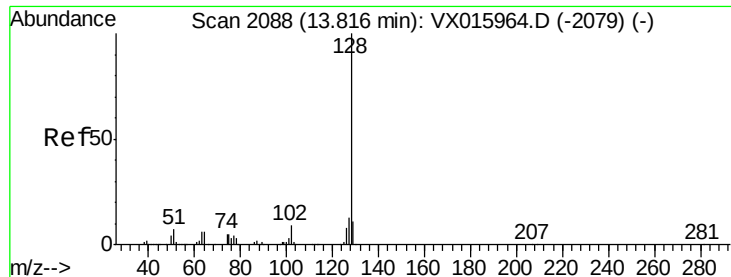
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	46.9	140.6
145	31.0	14.7	44.1



#94
 Hexachlorobutadiene
 Concen: 57.893 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX015969.D
 Acq: 29 Apr 2020 11:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	32.0	96.0
227	64.5	33.0	99.0

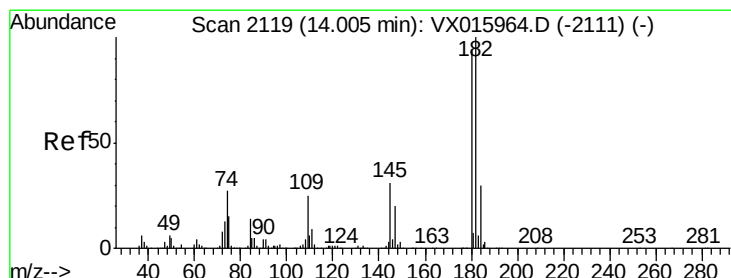
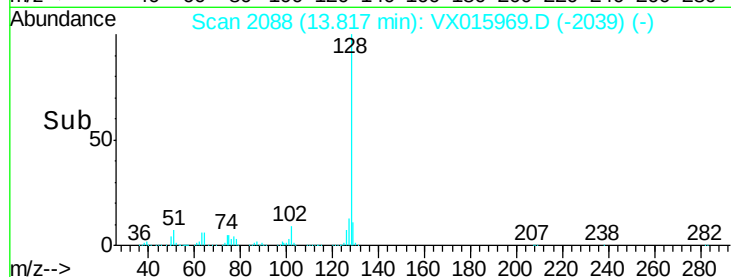
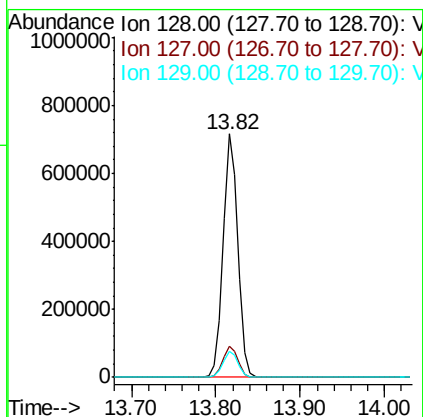
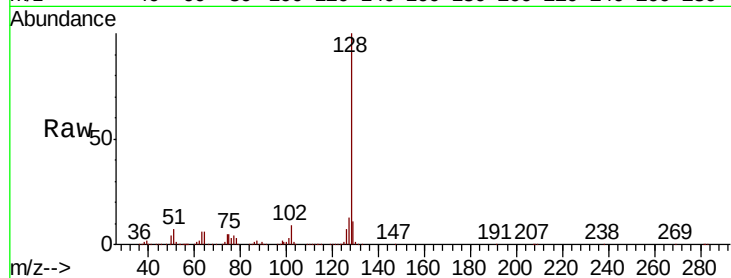




#95
Naphthalene
Concen: 56.023 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX015969.D
Acq: 29 Apr 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 865466
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 56.005 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VX015969.D
Acq: 29 Apr 2020 11:52

Tgt Ion:180 Resp: 264144
Ion Ratio Lower Upper
180 100
182 97.9 48.7 146.1
145 33.0 16.1 48.3

