

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060420\
 Data File : VX016596.D
 Acq On : 04 Jun 2020 20:54
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 04:25:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	237747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	368952	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	348493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	177249	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	141679	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	
35) Dibromofluoromethane	5.47	113	112584	49.56	ug/l	0.00
Spiked Amount			Recovery	=	99.12%	
50) Toluene-d8	8.70	98	439896	49.75	ug/l	0.00
Spiked Amount			Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.12	95	170552	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	108808	46.505	ug/l	97
3) Chloromethane	1.31	50	124592	44.066	ug/l	98
4) Vinyl Chloride	1.39	62	152958	51.155	ug/l	99
5) Bromomethane	1.62	94	70878	48.752	ug/l	98
6) Chloroethane	1.70	64	85051	48.762	ug/l	97
7) Trichlorofluoromethane	1.91	101	202060	51.456	ug/l	99
8) Diethyl Ether	2.17	74	78821	48.138	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	105675	48.896	ug/l	98
10) Methyl Iodide	2.49	142	106491	41.778	ug/l	99
11) Tert butyl alcohol	3.01	59	168728	222.856	ug/l	99
12) 1,1-Dichloroethene	2.36	96	110368	48.245	ug/l	98
13) Acrolein	2.27	56	85134	264.336	ug/l	97
14) Allyl chloride	2.70	41	185654	44.129	ug/l	97
15) Acrylonitrile	3.12	53	360501	232.446	ug/l	99
16) Acetone	2.42	43	296573	229.268	ug/l	98
17) Carbon Disulfide	2.55	76	302314	44.501	ug/l	99
18) Methyl Acetate	2.75	43	158768	47.854	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	402868	49.043	ug/l	98
20) Methylene Chloride	2.83	84	125219	46.788	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	122044	48.231	ug/l	94
22) Diisopropyl ether	3.82	45	367525	45.475	ug/l	98
23) Vinyl Acetate	3.78	43	1625921	229.839	ug/l	97
24) 1,1-Dichloroethane	3.67	63	219559	48.132	ug/l	100
25) 2-Butanone	4.64	43	492708	224.787	ug/l	96
26) 2,2-Dichloropropane	4.55	77	177301	47.500	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	190517	65.082	ug/l	96
28) Bromochloromethane	4.98	49	90218	42.560	ug/l	88
29) Tetrahydrofuran	5.09	42	318477	224.903	ug/l	94
30) Chloroform	5.18	83	228482	49.710	ug/l	98
31) Cyclohexane	5.55	56	178207	43.425	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	209780	50.413	ug/l	99
36) 1,1-Dichloropropene	5.77	75	166800	47.749	ug/l	98
37) Ethyl Acetate	4.79	43	186633	44.500	ug/l	97
38) Carbon Tetrachloride	5.76	117	190954	52.016	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	180840	47.661	ug/l	98
40) Benzene	6.12	78	503664	48.416	ug/l	98
41) Methacrylonitrile	5.00	41	101389	44.012	ug/l	96
42) 1,2-Dichloroethane	6.16	62	180492	48.788	ug/l	100
43) Isopropyl Acetate	6.41	43	297254	45.439	ug/l	98
44) Trichloroethene	7.19	130	156095	47.293	ug/l	97
45) 1,2-Dichloropropane	7.49	63	126183	47.646	ug/l	99
46) Dibromomethane	7.64	93	87495	49.188	ug/l	96
47) Bromodichloromethane	7.88	83	187575	50.928	ug/l	99
48) Methyl methacrylate	7.74	41	142923	45.630	ug/l	95
49) 1,4-Dioxane	7.71	88	66614	908.758	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	948443	232.841	ug/l	97
52) Toluene	8.77	92	325111	49.560	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	211911	50.598	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	218507	49.291	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	131167	50.290	ug/l	98
56) Ethyl methacrylate	9.16	69	212687	50.069	ug/l	96
57) 1,3-Dichloropropane	9.35	76	220703	49.298	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	550876	248.455	ug/l	97
59) 2-Hexanone	9.48	43	734216	231.784	ug/l	97
60) Dibromochloromethane	9.57	129	155449	52.960	ug/l	100
61) 1,2-Dibromoethane	9.65	107	143447	51.359	ug/l	99
64) Tetrachloroethene	9.32	164	171519	43.992	ug/l	99
65) Chlorobenzene	10.12	112	355798	50.078	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	140806	51.918	ug/l	98
67) Ethyl Benzene	10.24	91	623017	49.252	ug/l	99
68) m/p-Xylenes	10.34	106	475580	101.401	ug/l	100
69) o-Xylene	10.68	106	228879	50.390	ug/l	97
70) Styrene	10.70	104	403693	51.707	ug/l	99
71) Bromoform	10.84	173	125249	54.644	ug/l #	99
73) Isopropylbenzene	11.00	105	609568	49.634	ug/l	100
74) N-amyl acetate	10.88	43	254490	45.050	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	165653	53.820	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	246896	63.371	ug/l	83
77) Bromobenzene	11.24	156	161153	50.030	ug/l	96
78) n-propylbenzene	11.34	91	679513	49.524	ug/l	99
79) 2-Chlorotoluene	11.40	91	413261	49.344	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	517618	50.476	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	73990	46.715	ug/l	98
82) 4-Chlorotoluene	11.49	91	492013	49.748	ug/l	100
83) tert-Butylbenzene	11.76	119	456483	52.097	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	524070	50.534	ug/l	100
85) sec-Butylbenzene	11.93	105	555827	50.567	ug/l	100
86) p-Isopropyltoluene	12.05	119	526660	51.150	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	277534	49.732	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	280857	49.208	ug/l	99
89) n-Butylbenzene	12.37	91	432120	50.386	ug/l	99
90) Hexachloroethane	12.58	117	90388	50.823	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	266060	49.209	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47009	47.152	ug/l	95

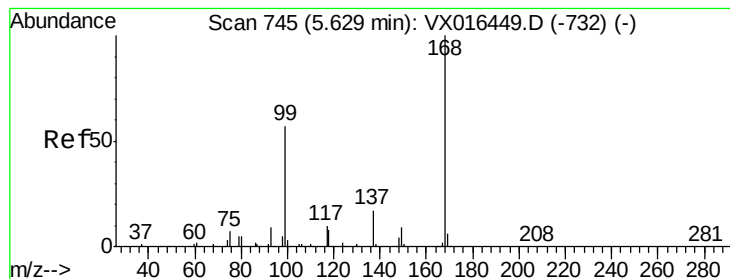
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	191347	53.288	ug/l	99
94) Hexachlorobutadiene	13.76	225	76530	54.283	ug/l	99
95) Naphthalene	13.82	128	633110	51.432	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	182568	51.897	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016596.D

Acq: 04 Jun 2020 20:54

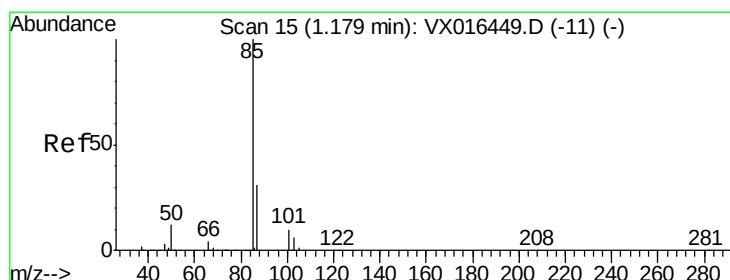
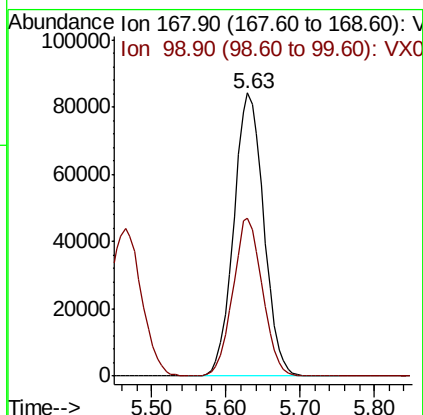
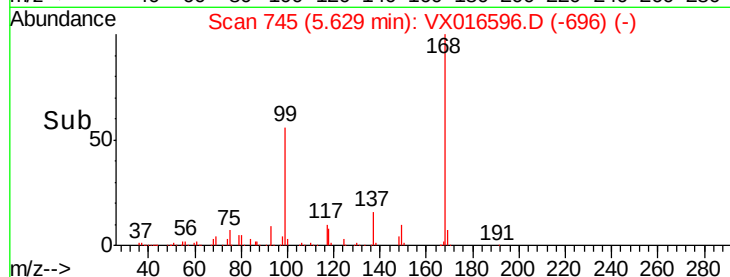
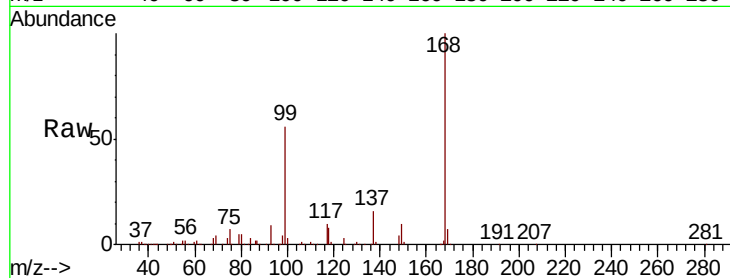
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 237747

Ion Ratio Lower Upper

168 100

99 55.9 45.2 67.8



#2

Dichlorodifluoromethane

Concen: 46.505 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016596.D

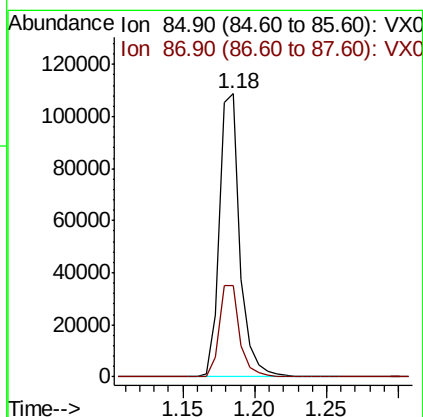
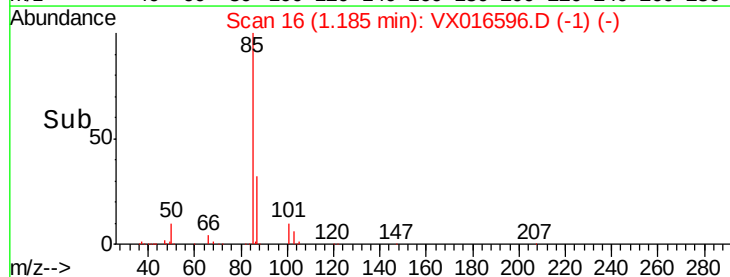
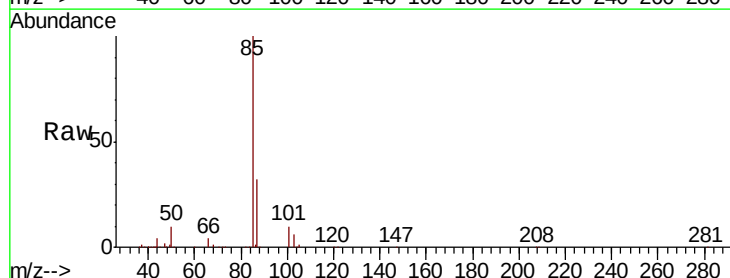
Acq: 04 Jun 2020 20:54

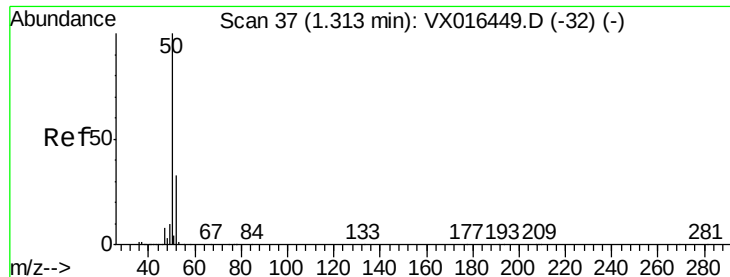
Tgt Ion: 85 Resp: 108808

Ion Ratio Lower Upper

85 100

87 32.3 15.4 46.2





#3

Chloromethane

Concen: 44.066 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016596.D

Acq: 04 Jun 2020 20:54

Instrument :

MSVOA_X

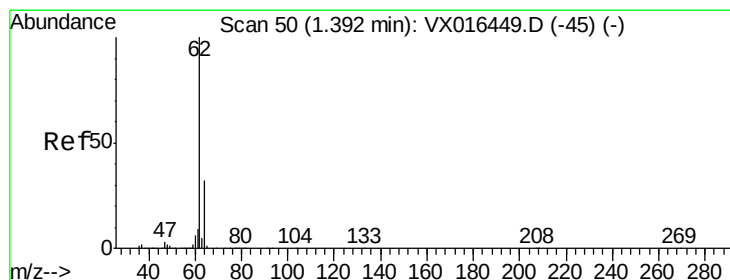
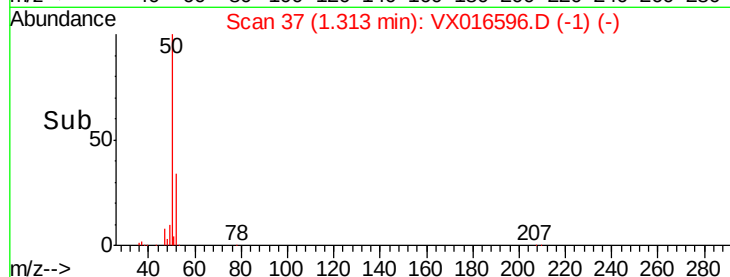
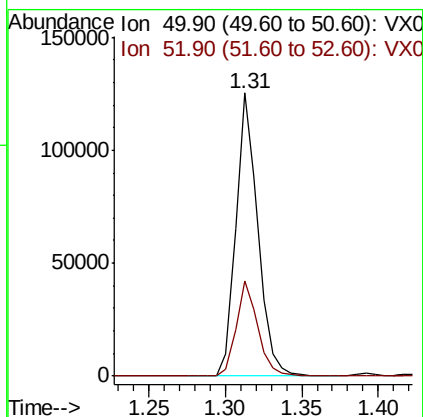
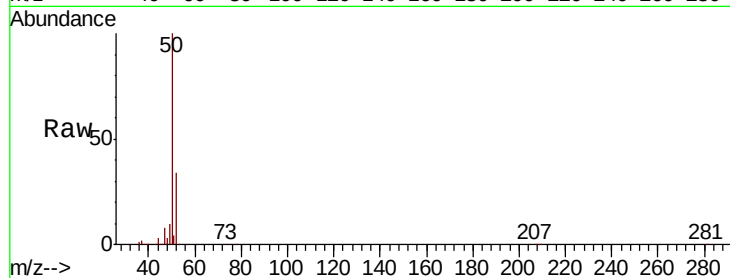
ClientSampleId :

Tot Ion: 50 Resp: 124592

Ion Ratio Lower Upper

50 100

52 33.7 26.2 39.2



#4

Vinyl Chloride

Concen: 51.155 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016596.D

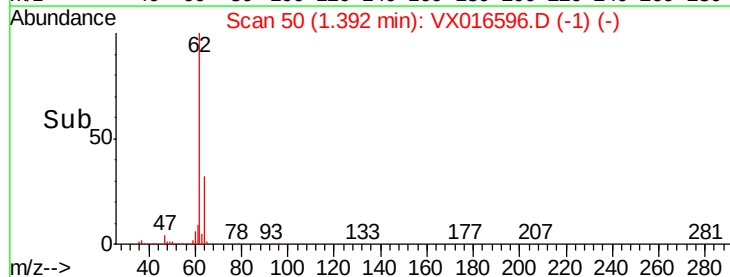
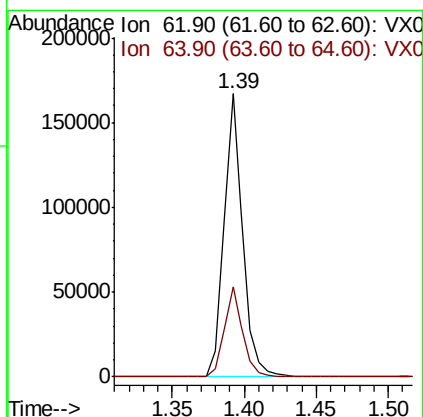
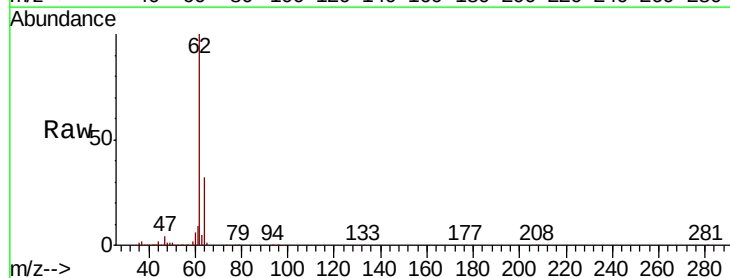
Acq: 04 Jun 2020 20:54

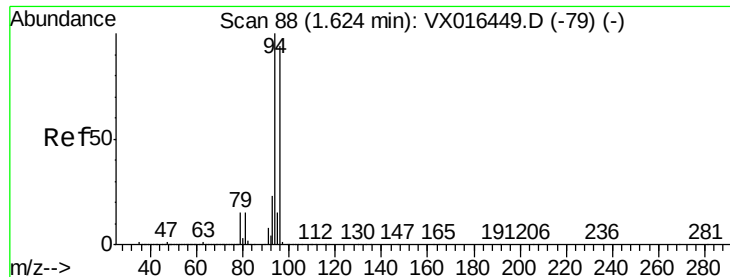
Tgt Ion: 62 Resp: 152958

Ion Ratio Lower Upper

62 100

64 31.9 25.9 38.9





#5

Bromomethane

Concen: 48.752 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016596.D

Acq: 04 Jun 2020 20:54

Instrument :

MSVOA_X

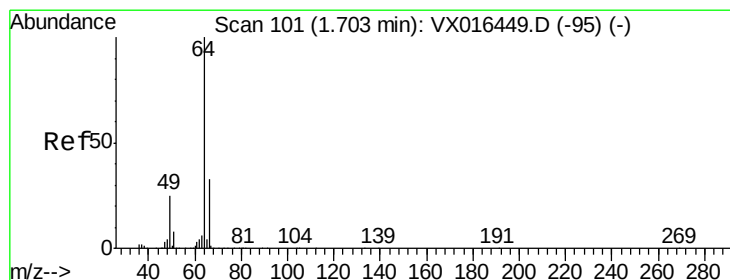
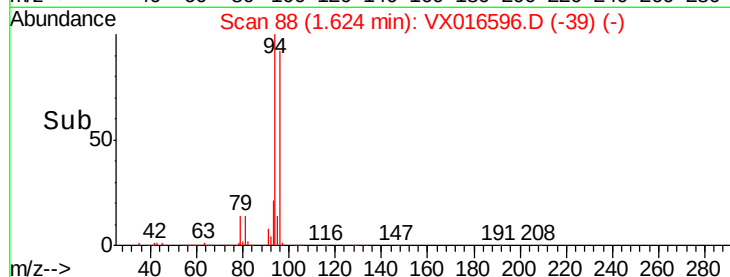
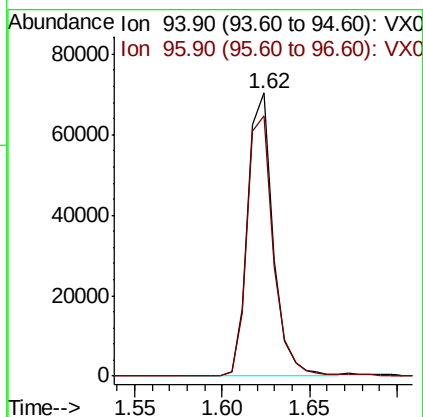
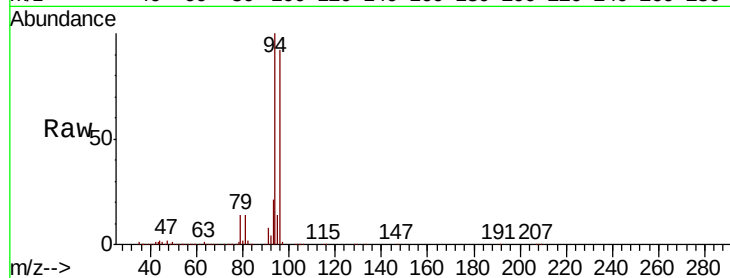
ClientSampleId :

Tot Ion: 94 Resp: 70878

Ion Ratio Lower Upper

94 100

96 91.8 75.1 112.7



#6

Chloroethane

Concen: 48.762 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016596.D

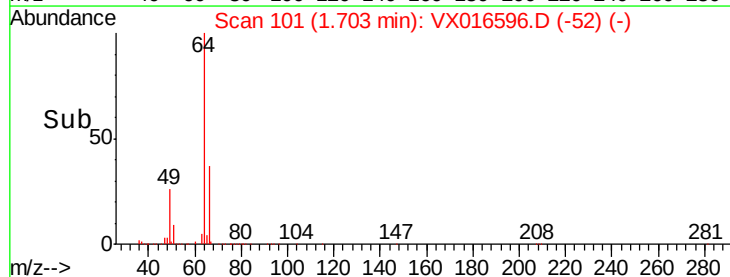
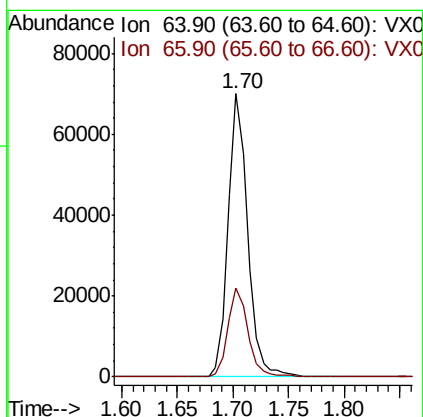
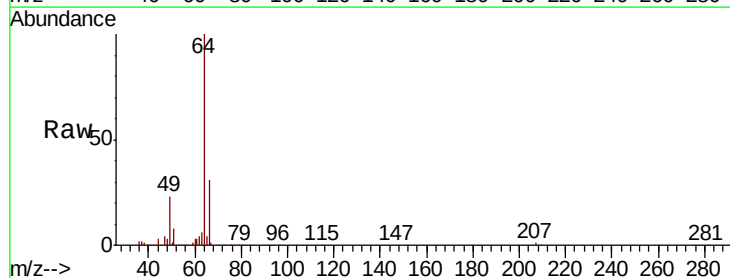
Acq: 04 Jun 2020 20:54

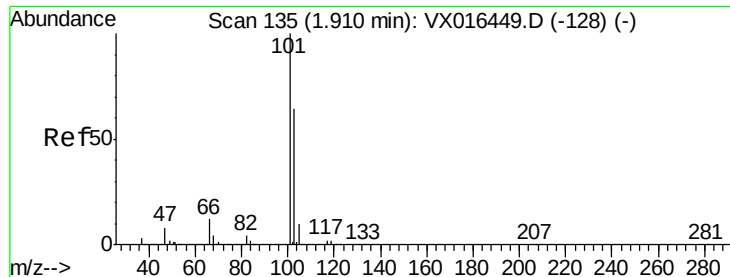
Tgt Ion: 64 Resp: 85051

Ion Ratio Lower Upper

64 100

66 31.4 26.7 40.1



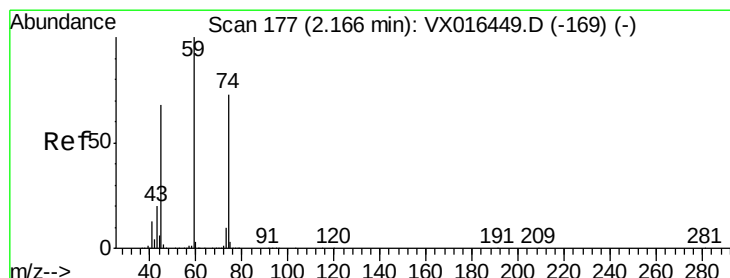
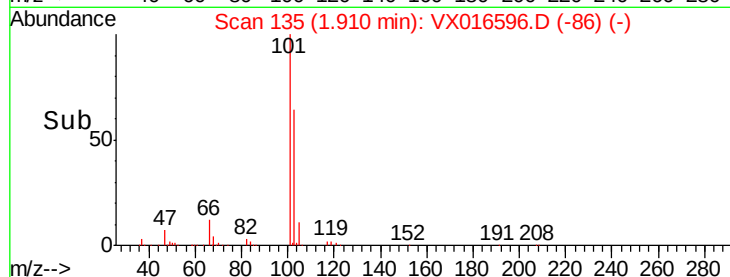
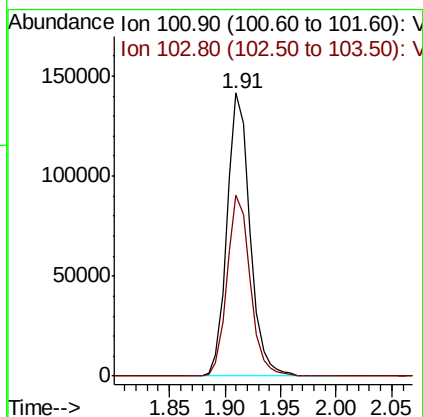
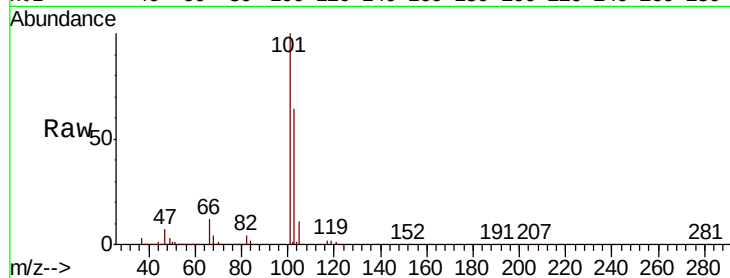


#7

Trichlorofluoromethane
 Concen: 51.456 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: VX016596.D
 Acq: 04 Jun 2020 20:54

Instrument :
 MSVOA_X
 ClientSampleId :

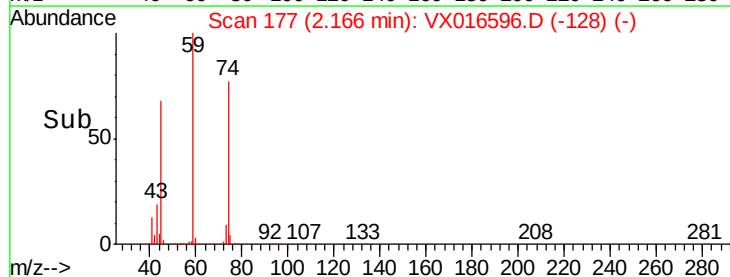
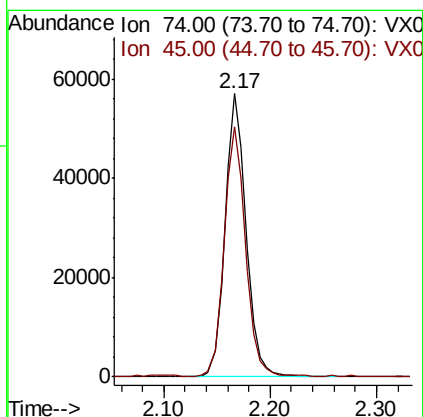
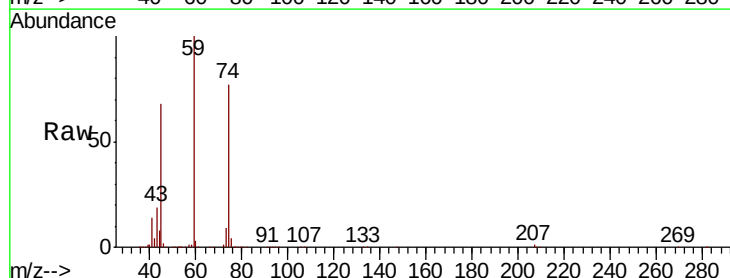
Tot Ion:101 Resp: 202060
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.9 76.3

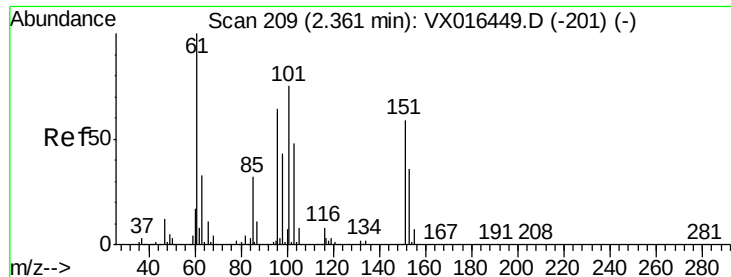


#8

Diethyl Ether
 Concen: 48.138 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016596.D
 Acq: 04 Jun 2020 20:54

Tgt Ion: 74 Resp: 78821
 Ion Ratio Lower Upper
 74 100
 45 89.4 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.896 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016596.D

Acq: 04 Jun 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

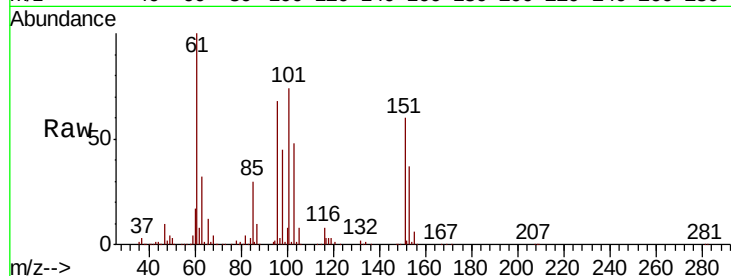
Tot Ion:101 Resp: 105675

Ion Ratio Lower Upper

101 100

85 42.6 34.4 51.6

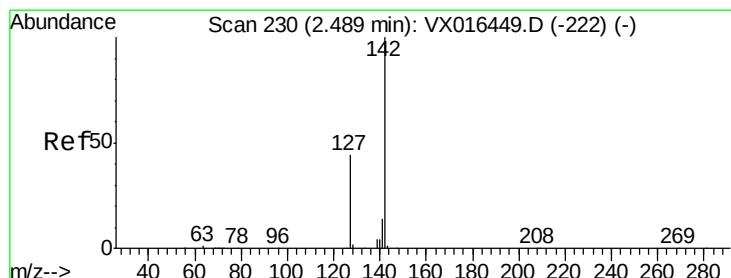
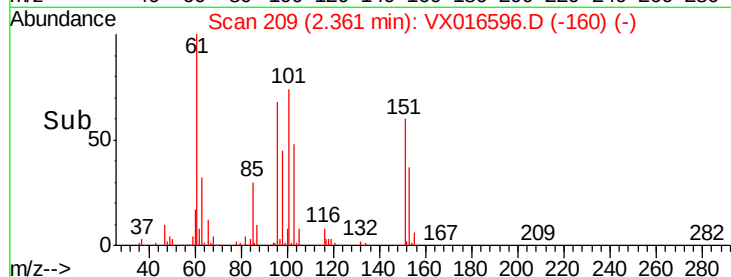
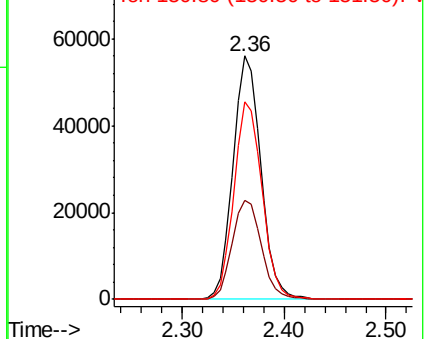
151 82.1 63.8 95.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 41.778 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016596.D

Acq: 04 Jun 2020 20:54

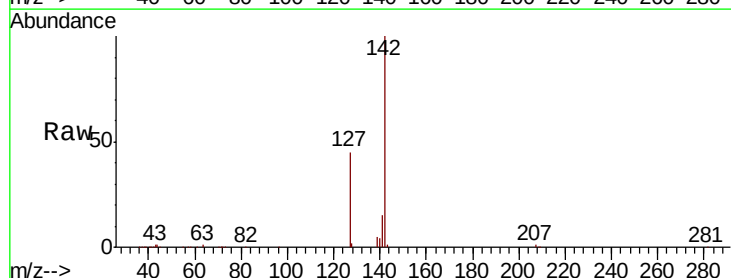
Tgt Ion:142 Resp: 106491

Ion Ratio Lower Upper

142 100

127 43.9 35.3 52.9

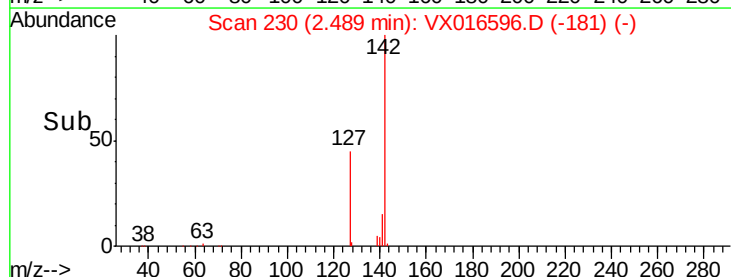
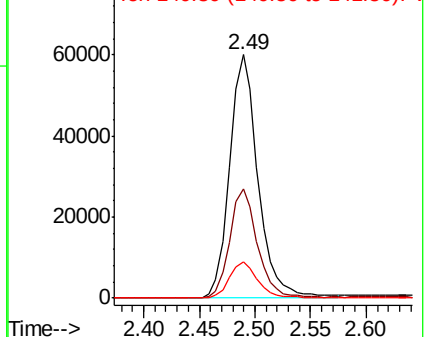
141 14.7 11.4 17.2

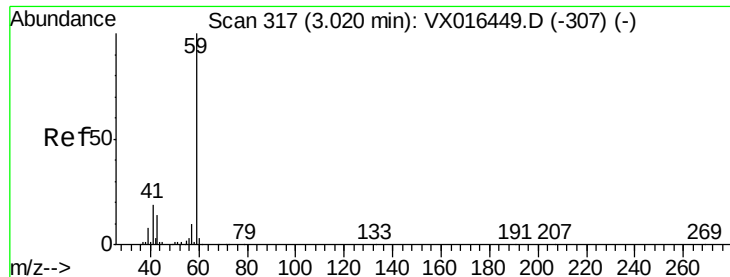


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



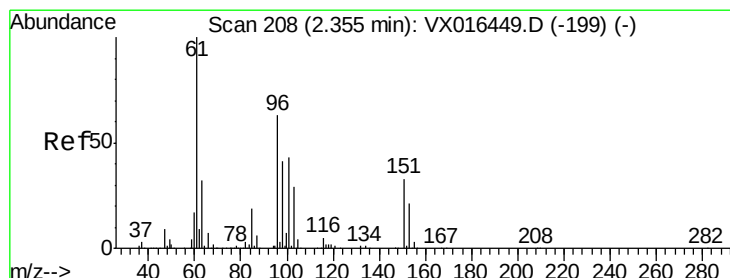
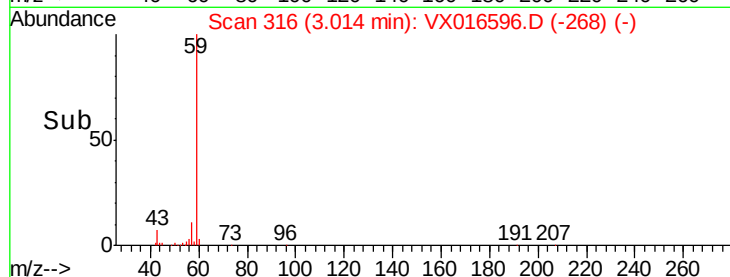
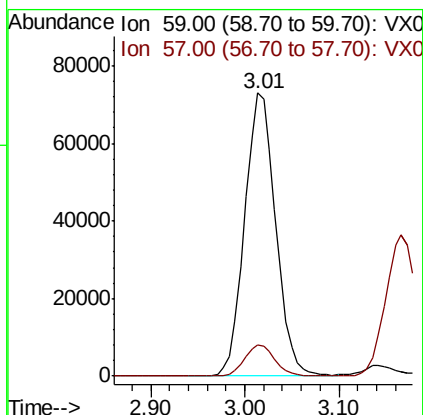
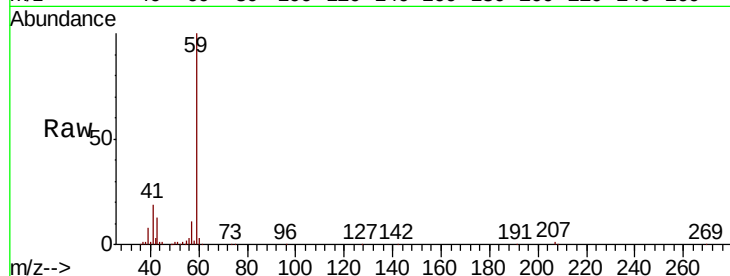


#11

Tert butyl alcohol
Concen: 222.856 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016596.D
Acq: 04 Jun 2020 20:54

Instrument :
MSVOA_X
ClientSampleId :

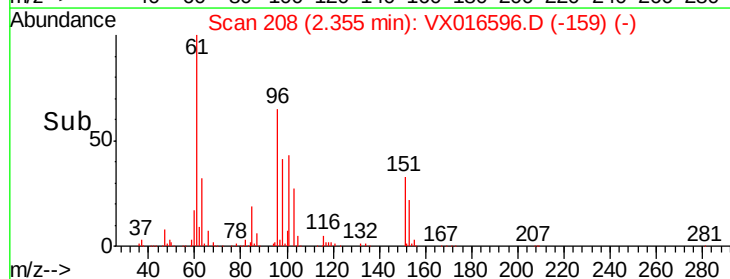
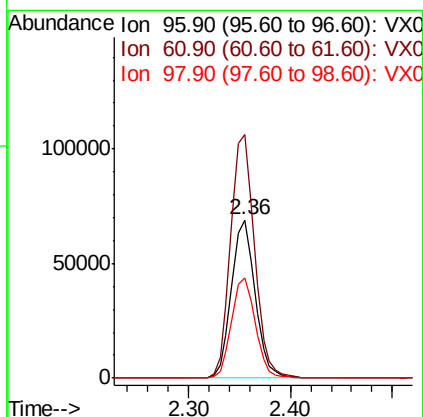
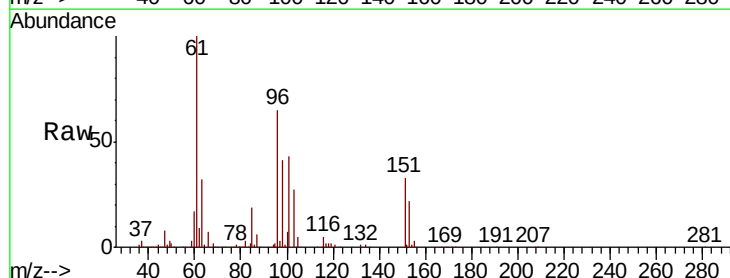
Tot Ion: 59 Resp: 168728
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

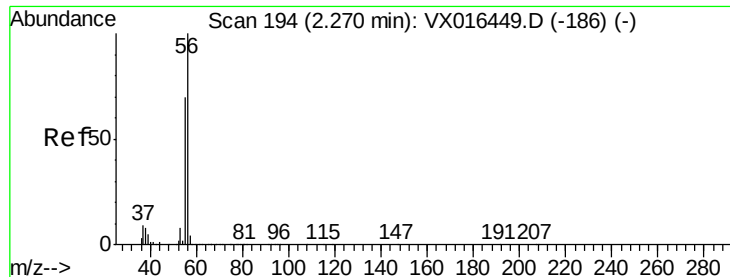


#12

1,1-Dichloroethene
Concen: 48.245 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016596.D
Acq: 04 Jun 2020 20:54

Tgt Ion: 96 Resp: 110368
Ion Ratio Lower Upper
96 100
61 154.2 126.6 189.8
98 63.4 51.3 76.9

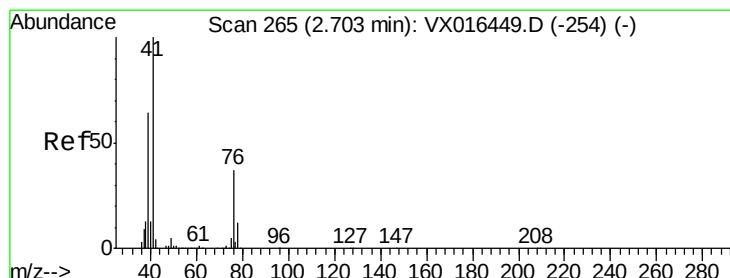
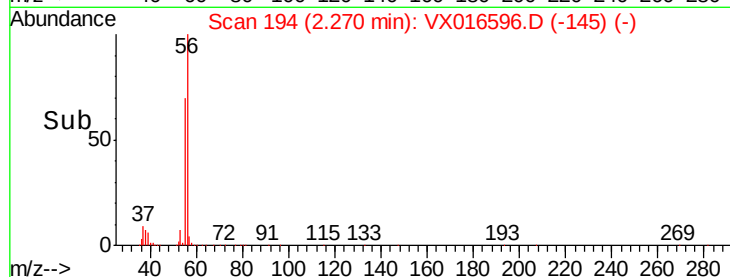
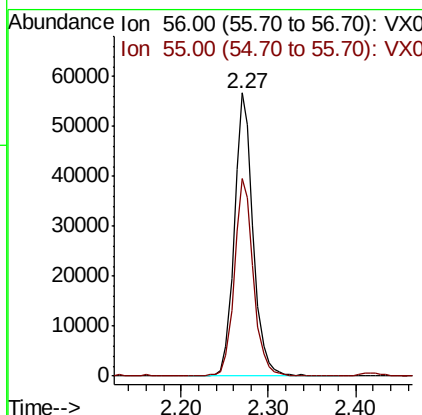
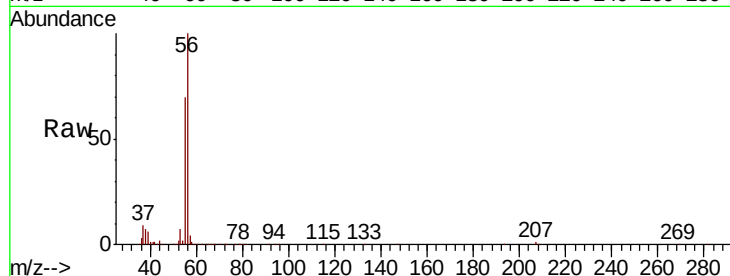




#13
Acrolein
Concen: 264.336 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016596.D
Acq: 04 Jun 2020 20:54

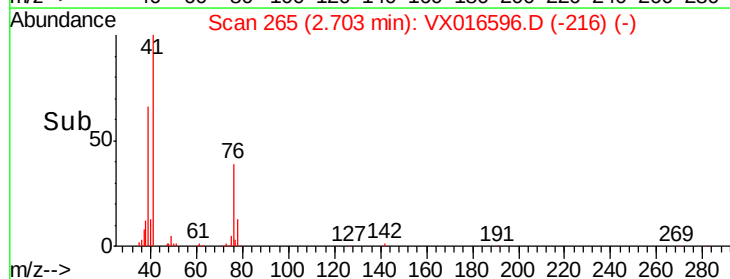
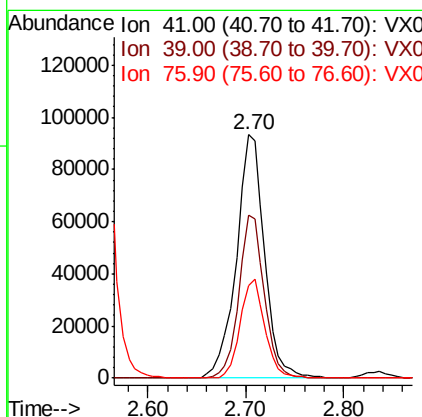
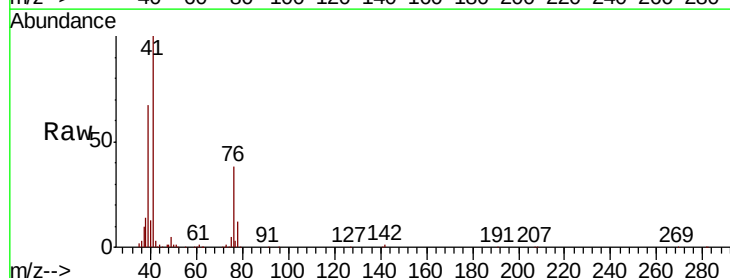
Instrument :
MSVOA_X
ClientSampleId :

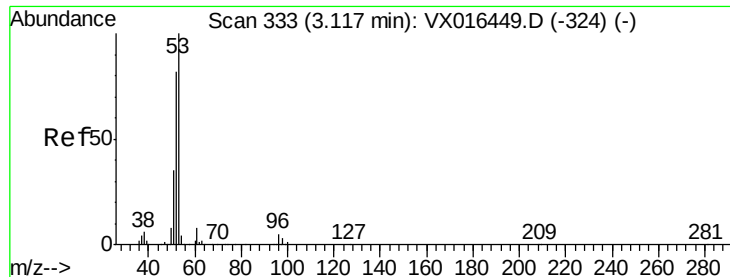
Tot Ion: 56 Resp: 85134
Ion Ratio Lower Upper
56 100
55 70.4 58.3 87.5



#14
Allyl chloride
Concen: 44.129 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX016596.D
Acq: 04 Jun 2020 20:54

Tgt Ion: 41 Resp: 185654
Ion Ratio Lower Upper
41 100
39 60.8 47.7 71.5
76 35.7 26.6 40.0





#15

Acrylonitrile

Concen: 232.446 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016596.D

Acq: 04 Jun 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

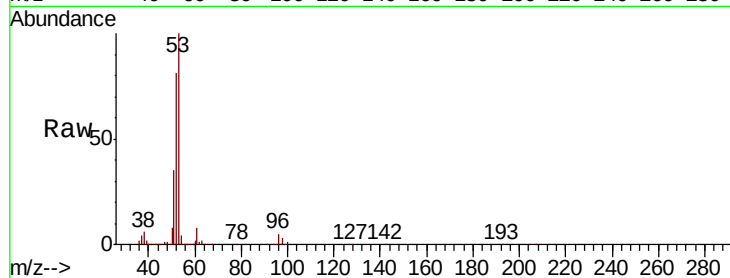
Tot Ion: 53 Resp: 360501

Ion Ratio Lower Upper

53 100

52 82.5 66.7 100.1

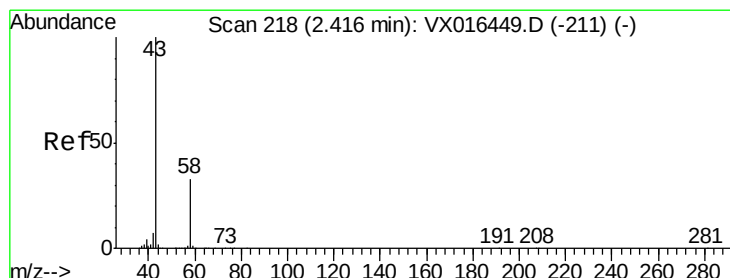
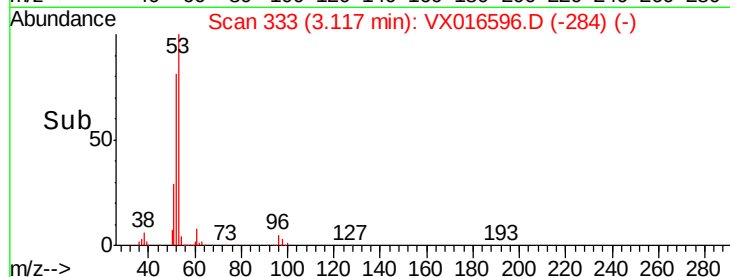
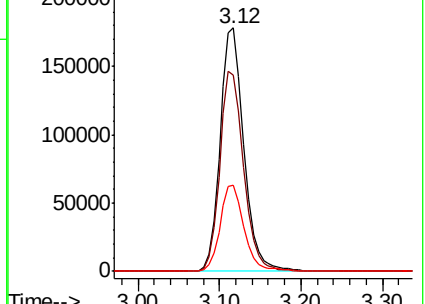
51 35.9 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 229.268 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016596.D

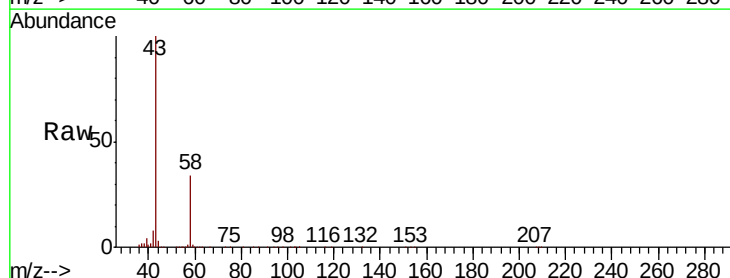
Acq: 04 Jun 2020 20:54

Tgt Ion: 43 Resp: 296573

Ion Ratio Lower Upper

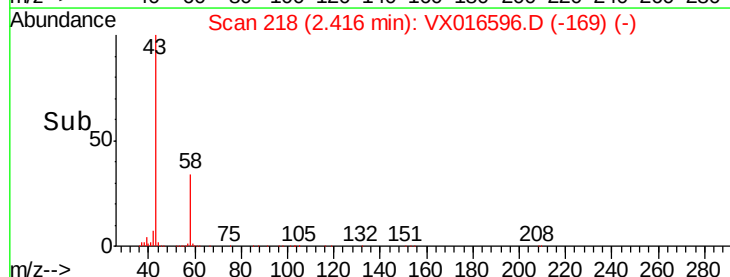
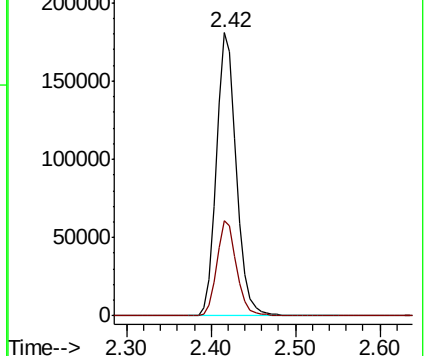
43 100

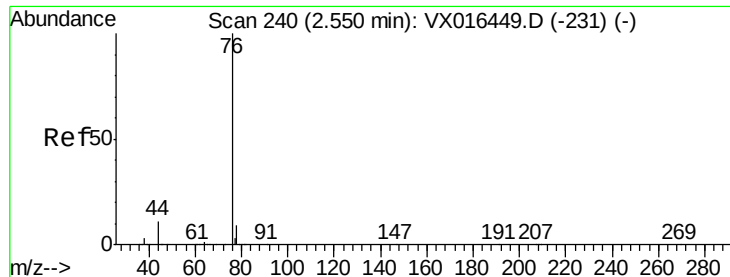
58 33.5 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 44.501 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016596.D

Acq: 04 Jun 2020 20:54

Instrument :

MSVOA_X

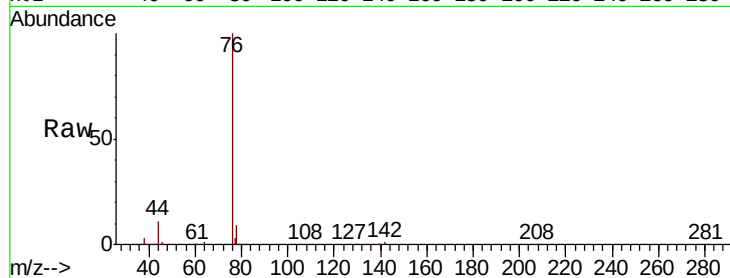
ClientSampleId :

Tot Ion: 76 Resp: 302314

Ion Ratio Lower Upper

76 100

78 8.8 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

200000

150000

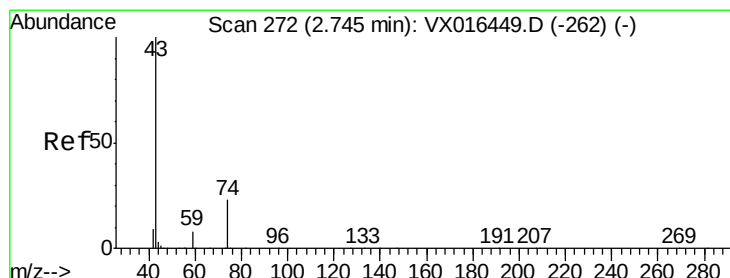
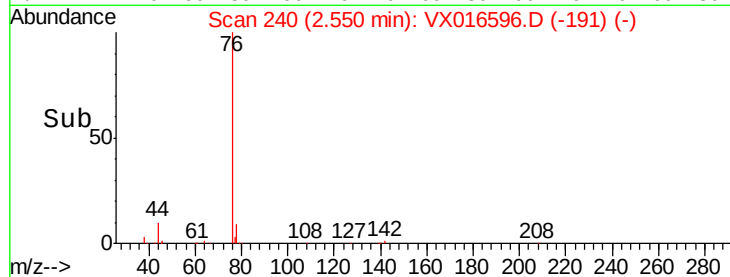
100000

50000

0

Time-->

2.50 2.60



#18

Methyl Acetate

Concen: 47.854 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016596.D

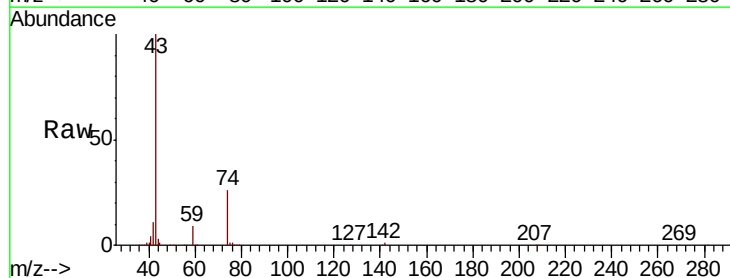
Acq: 04 Jun 2020 20:54

Tgt Ion: 43 Resp: 158768

Ion Ratio Lower Upper

43 100

74 27.0 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

100000

80000

60000

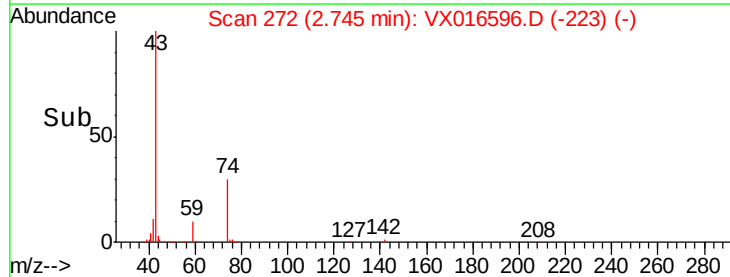
40000

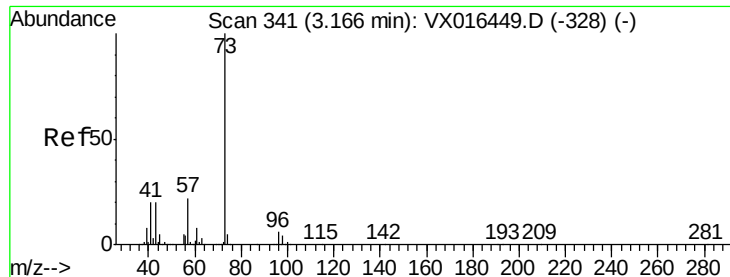
20000

0

Time-->

2.65 2.70 2.75 2.80 2.85

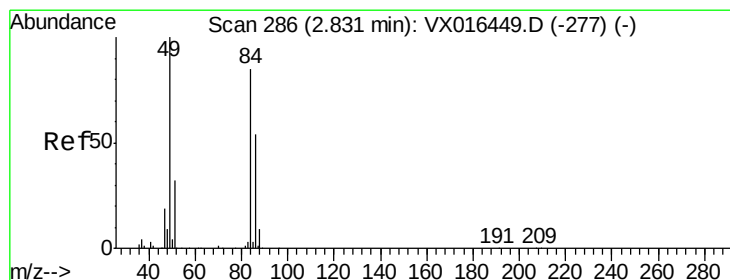
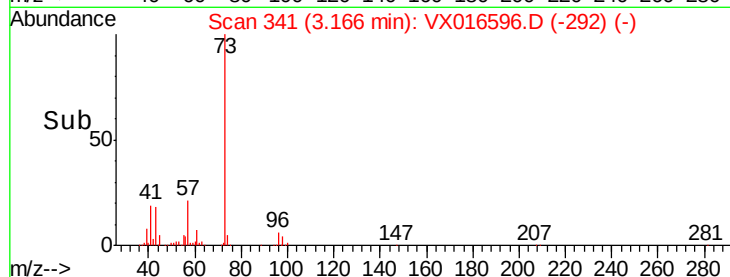
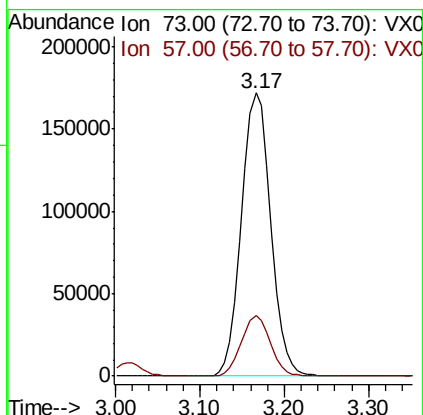
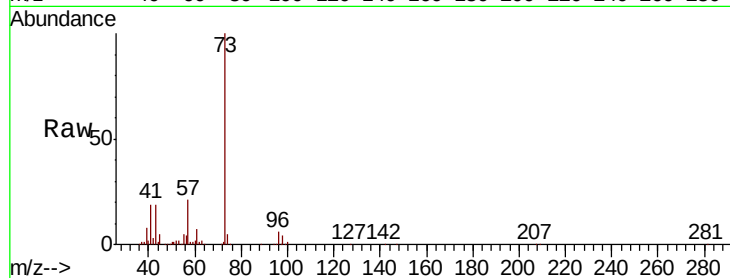




#19
Methyl tert-butyl Ether
Concen: 49.043 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016596.D
Acq: 04 Jun 2020 20:54

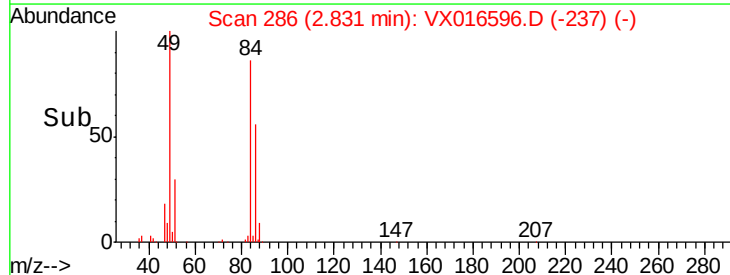
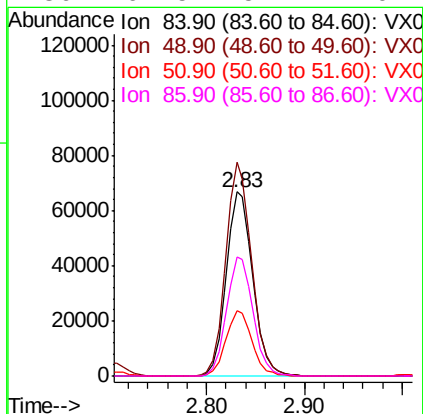
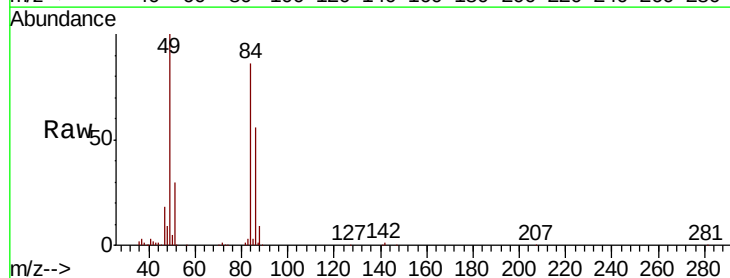
Instrument :
MSVOA_X
ClientSampleId :

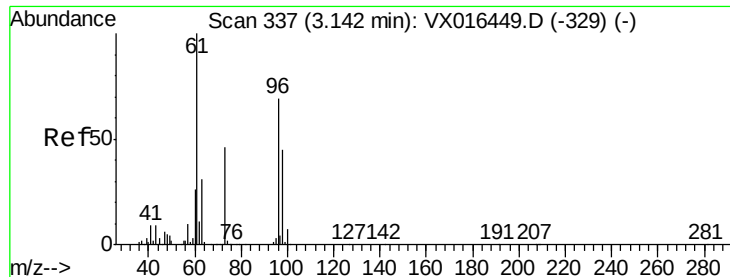
Tot Ion: 73 Resp: 402868
Ion Ratio Lower Upper
73 100
57 21.3 17.8 26.6



#20
Methylene Chloride
Concen: 46.788 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016596.D
Acq: 04 Jun 2020 20:54

Tgt Ion: 84 Resp: 125219
Ion Ratio Lower Upper
84 100
49 116.0 94.5 141.7
51 35.1 30.2 45.4
86 64.5 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 48.231 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016596.D

Acq: 04 Jun 2020 20:54

Instrument :

MSVOA_X

ClientSampled :

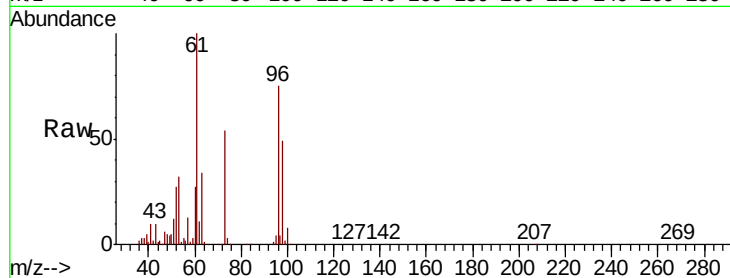
Tot Ion: 96 Resp: 122044

Ion Ratio Lower Upper

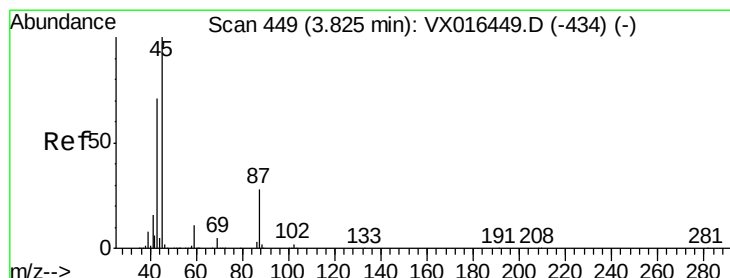
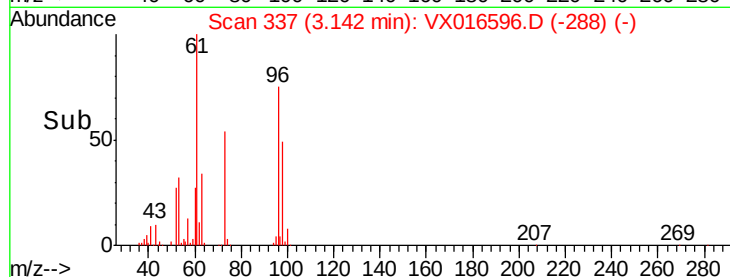
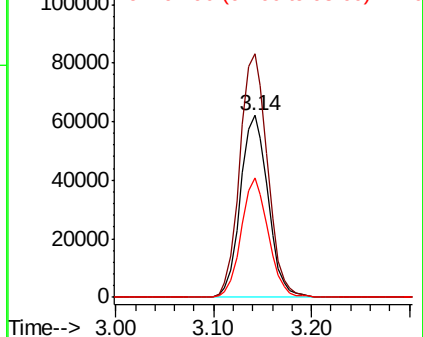
96 100

61 133.9 115.3 172.9

98 65.4 51.9 77.9



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: 45.475 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016596.D

Acq: 04 Jun 2020 20:54

Tgt Ion: 45 Resp: 367525

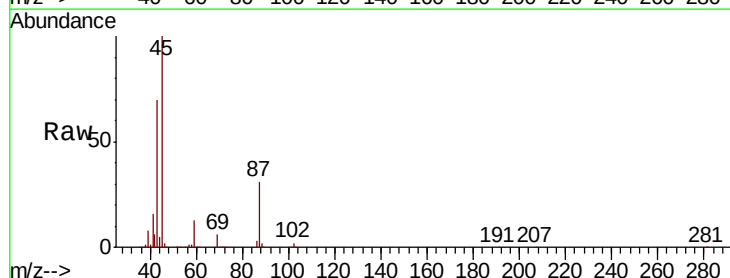
Ion Ratio Lower Upper

45 100

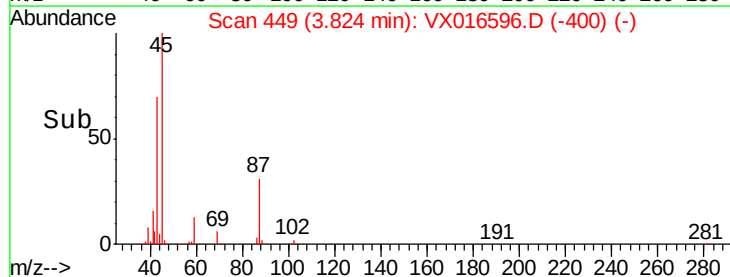
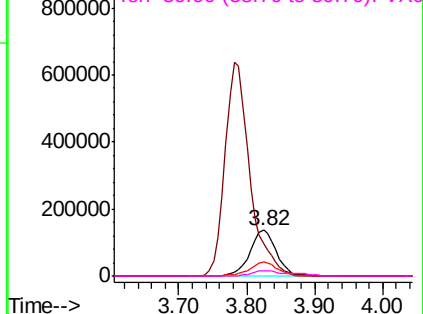
43 70.3 57.0 85.6

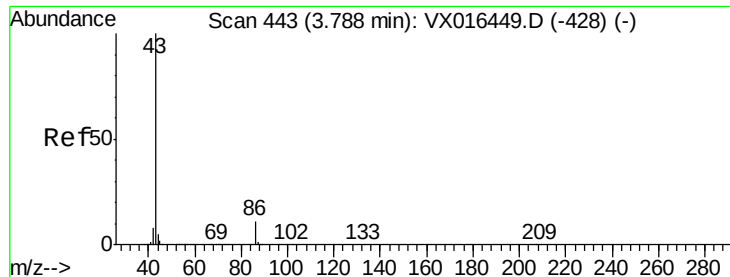
87 31.1 22.5 33.7

59 12.5 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 229.839 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016596.D

Acq: 04 Jun 2020 20:54

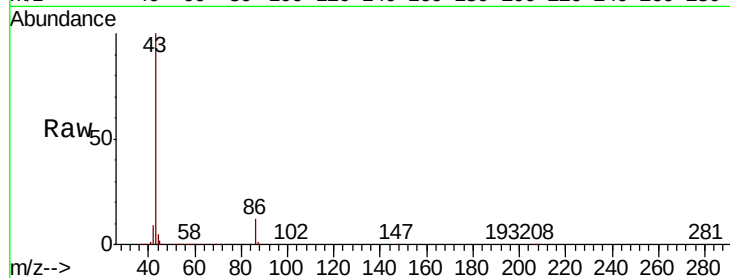
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 1625921

Ion Ratio Lower Upper

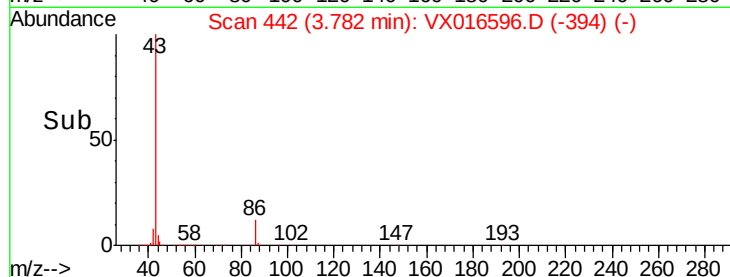
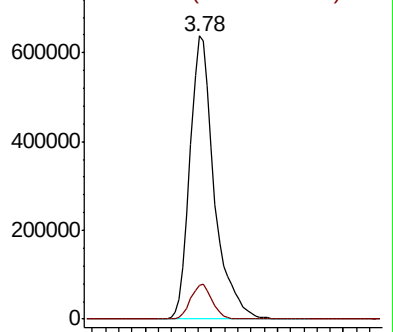
43 100

86 12.1 8.6 13.0

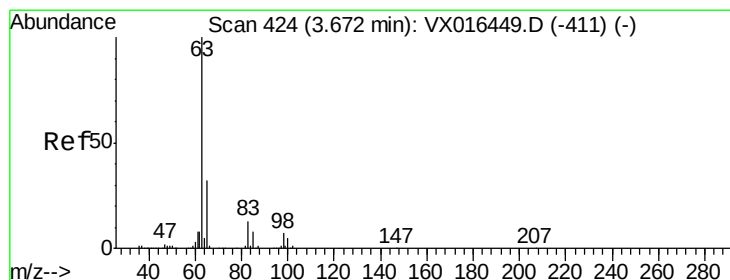


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 48.132 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016596.D

Acq: 04 Jun 2020 20:54

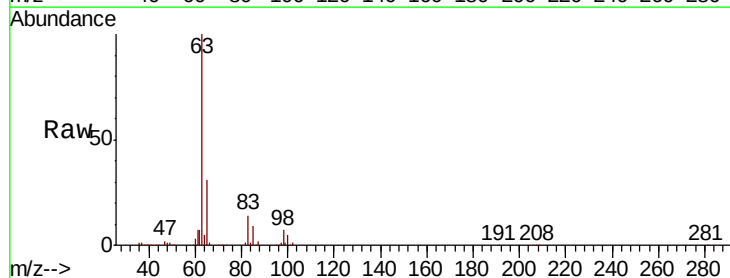
Tgt Ion: 63 Resp: 219559

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

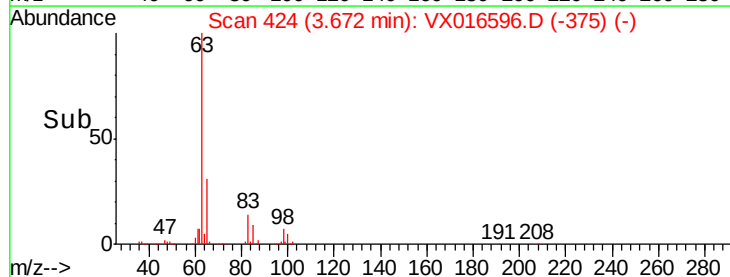
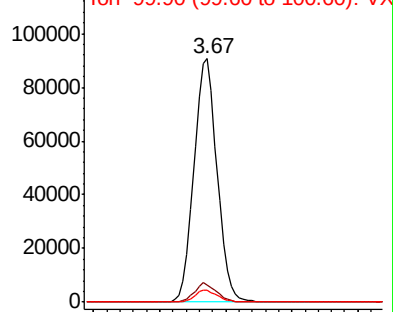
100 4.9 2.4 7.1



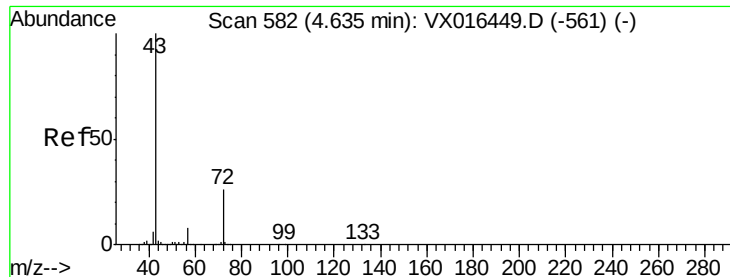
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->



#25

2-Butanone

Concen: 224.787 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016596.D

Acq: 04 Jun 2020 20:54

Instrument :

MSVOA_X

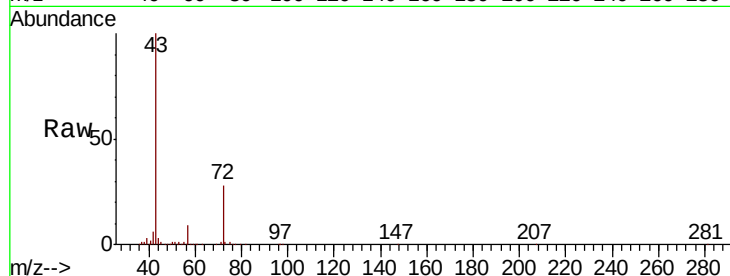
ClientSampleId :

Tot Ion: 43 Resp: 492708

Ion Ratio Lower Upper

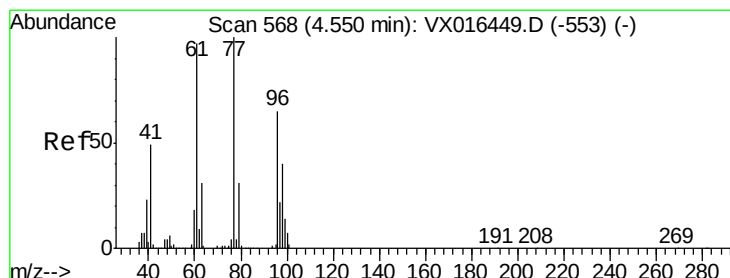
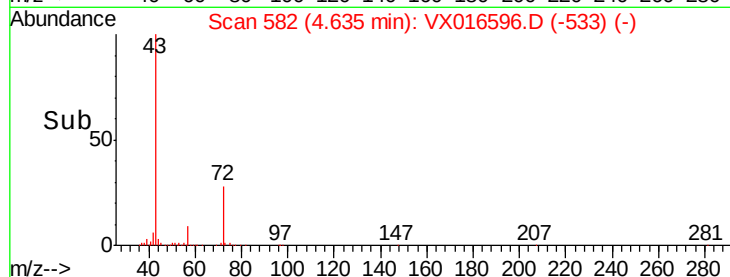
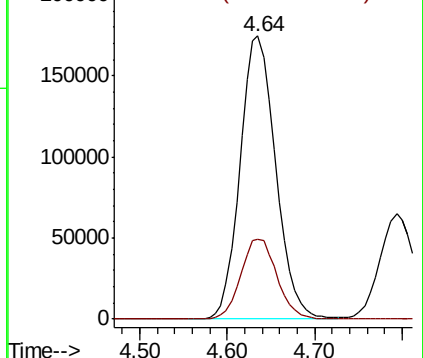
43 100

72 28.2 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 47.500 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016596.D

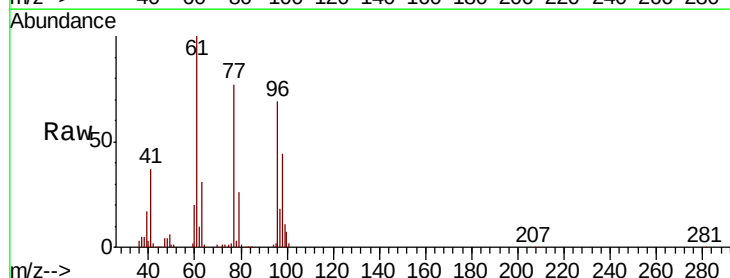
Acq: 04 Jun 2020 20:54

Tgt Ion: 77 Resp: 177301

Ion Ratio Lower Upper

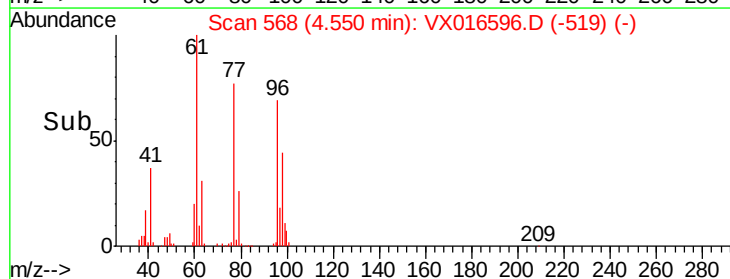
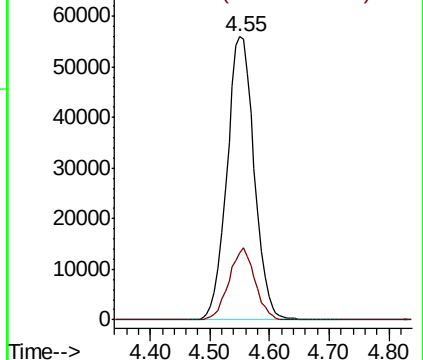
77 100

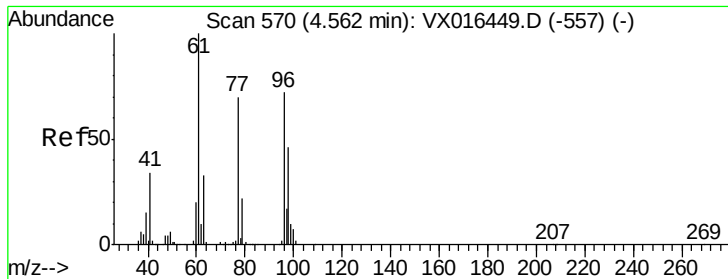
97 24.4 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



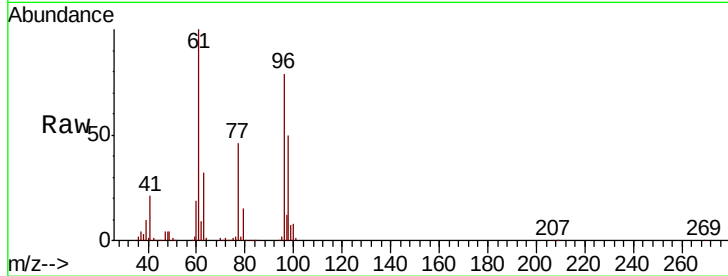


#27

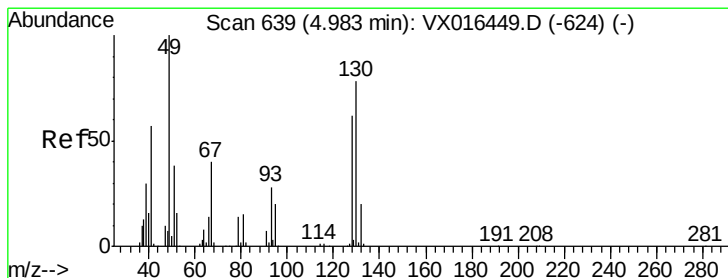
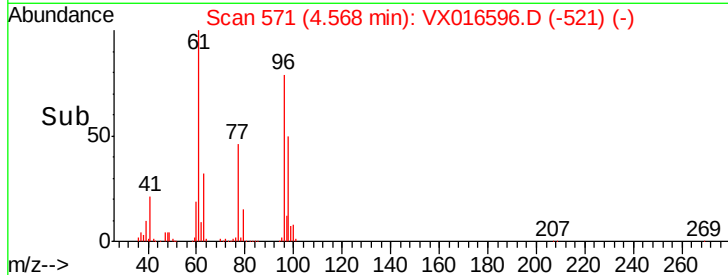
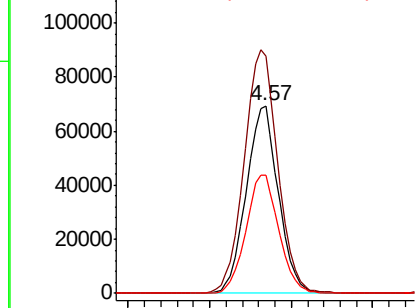
cis-1,2-Dichloroethene
 Concen: 65.082 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX016596.D
 Acq: 04 Jun 2020 20:54

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	96	Resp	190517
Ion Ratio	Lower	Upper	
96	100		
61	135.2	0.0	284.6
98	64.4	0.0	127.2



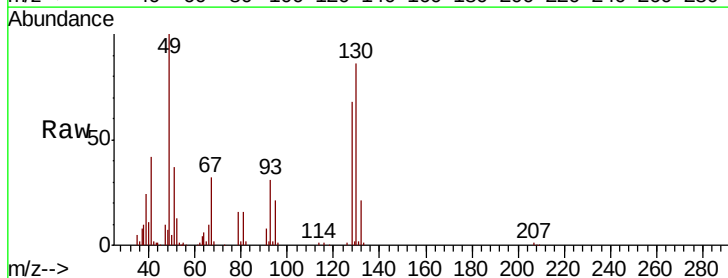
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



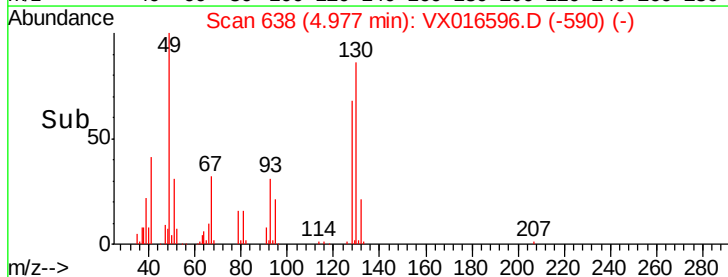
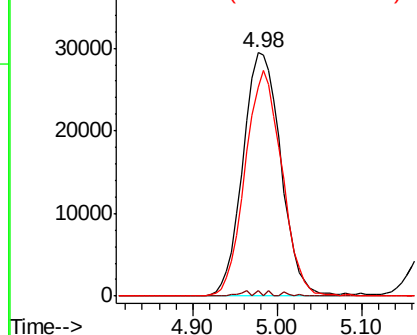
#28

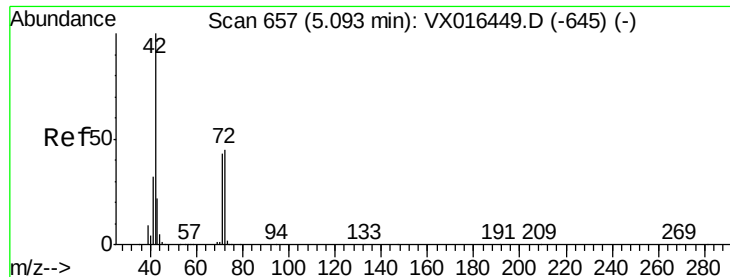
Bromochloromethane
 Concen: 42.560 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX016596.D
 Acq: 04 Jun 2020 20:54

Tgt Ion	49	Resp	90218
Ion Ratio	Lower	Upper	
49	100		
129	0.3	0.0	4.0
130	89.7	63.0	94.4



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

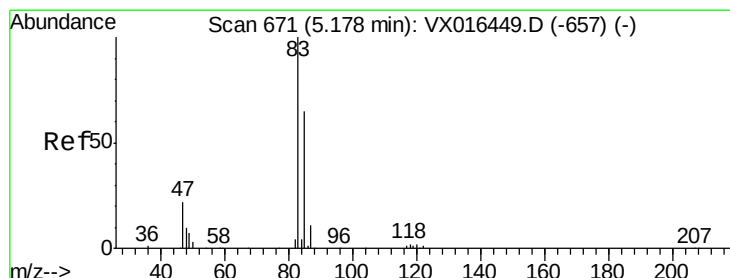
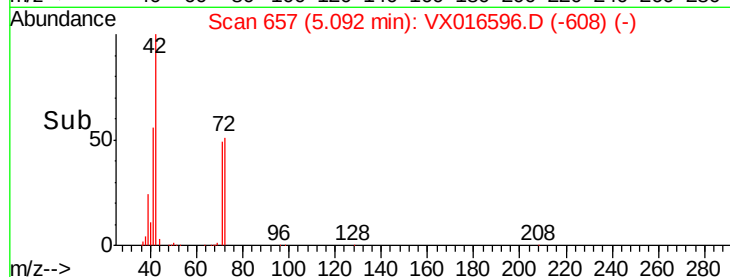
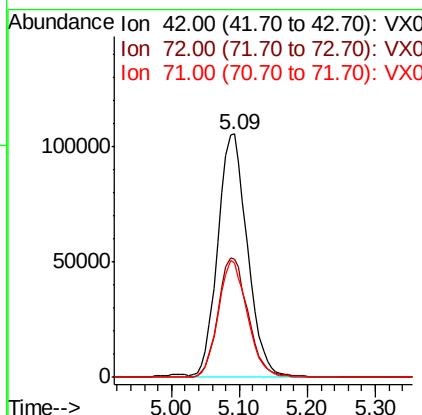
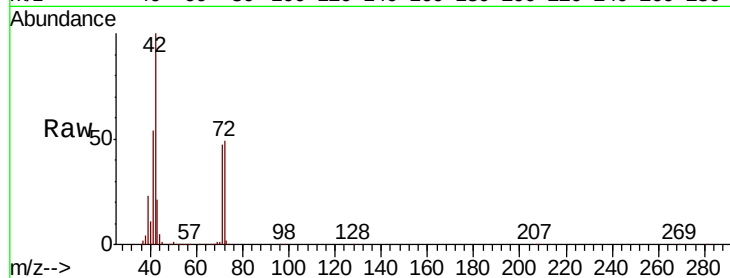




#29
Tetrahydrofuran
Concen: 224.903 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016596.D
Acq: 04 Jun 2020 20:54

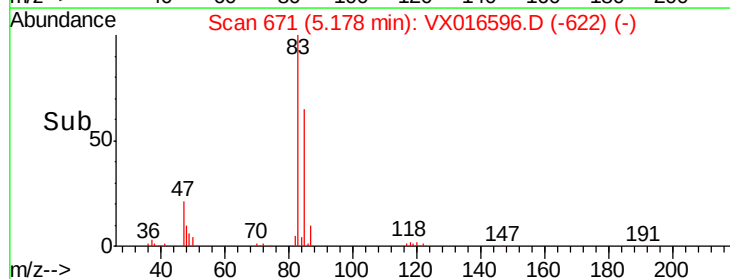
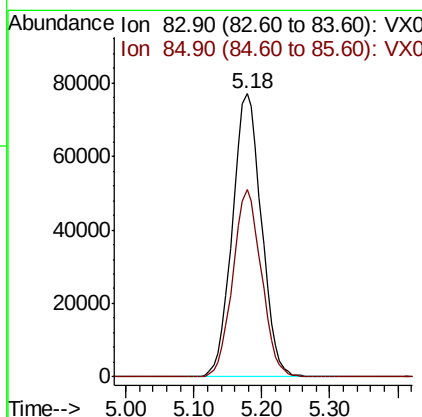
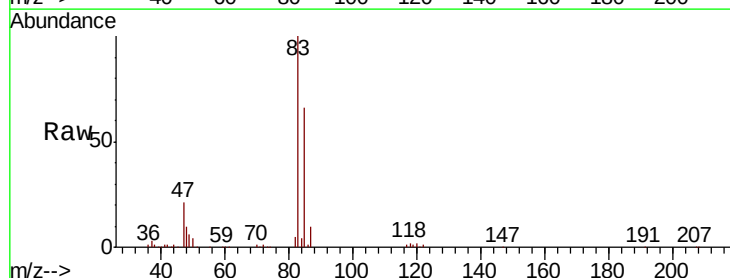
Instrument :
MSVOA_X
ClientSampled :

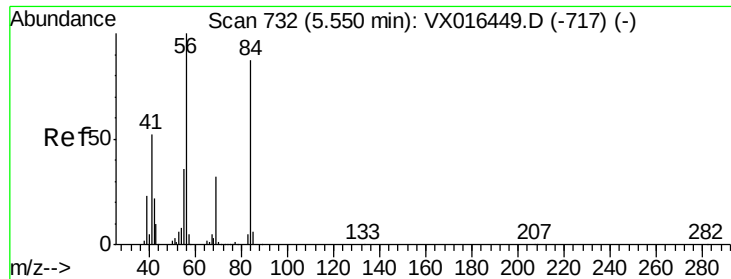
Tot Ion	Ratio	Lower	Upper
42	100		
72	50.0	37.0	55.4
71	47.0	34.1	51.1



#30
Chloroform
Concen: 49.710 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016596.D
Acq: 04 Jun 2020 20:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	52.0	78.0

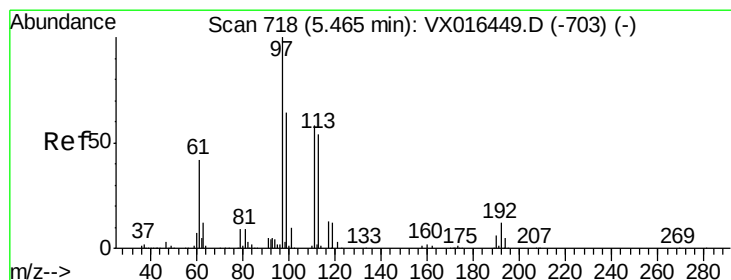
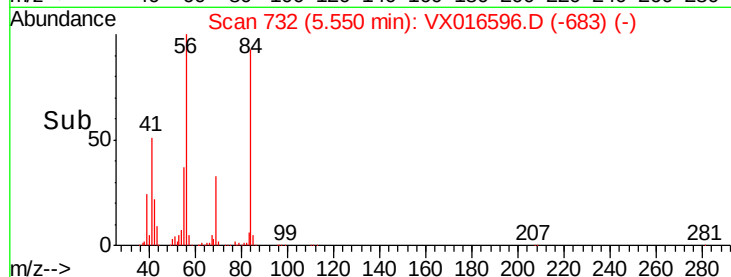
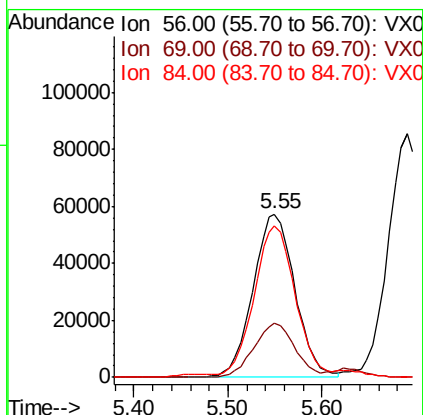
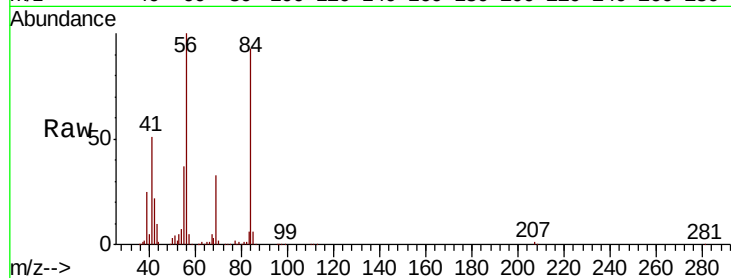




#31
Cyclohexane
Concen: 43.425 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016596.D
Acq: 04 Jun 2020 20:54

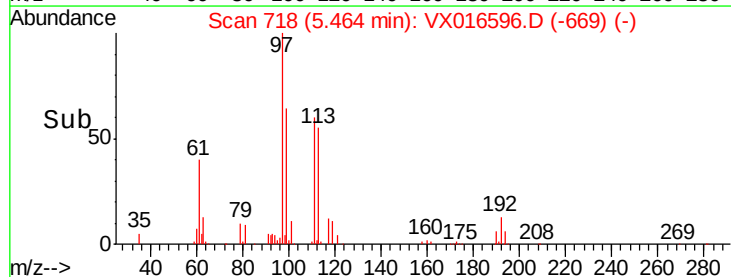
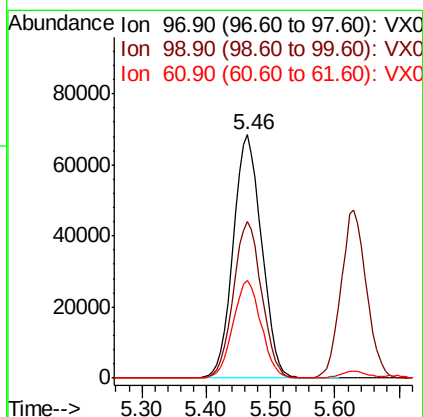
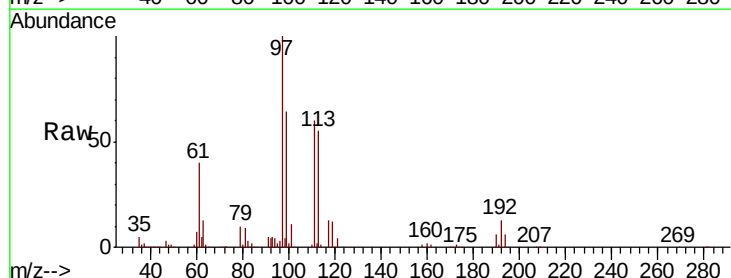
Instrument :
MSVOA_X
ClientSampleId :

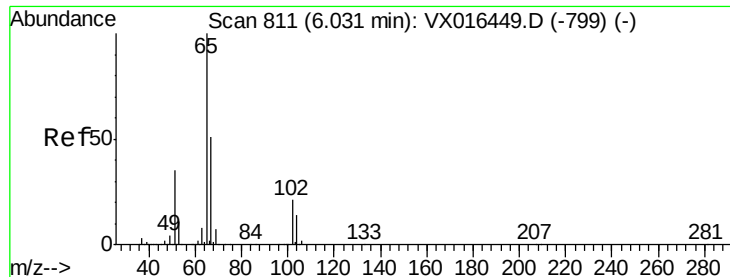
Tot Ion: 56 Resp: 178207
Ion Ratio Lower Upper
56 100
69 33.1 25.7 38.5
84 91.0 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 50.413 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016596.D
Acq: 04 Jun 2020 20:54

Tgt Ion: 97 Resp: 209780
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.2
61 39.8 33.5 50.3

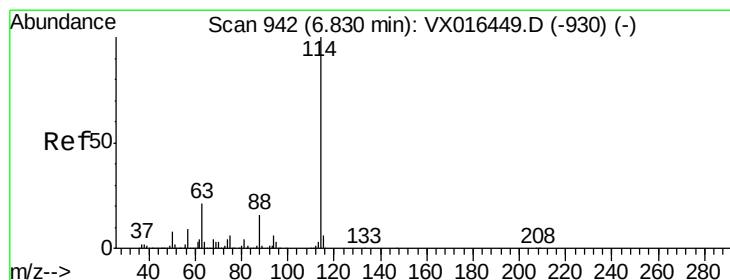
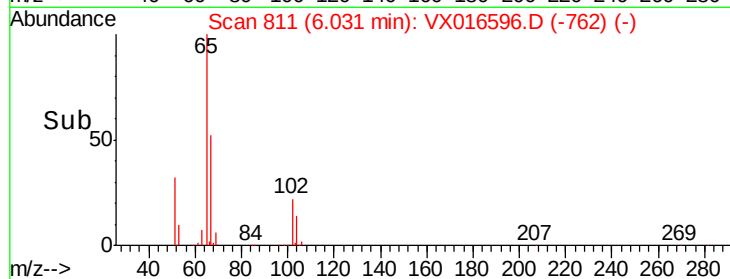
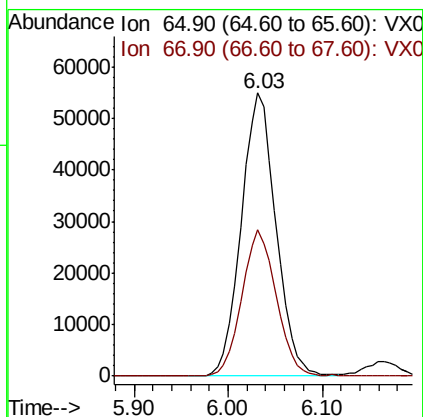
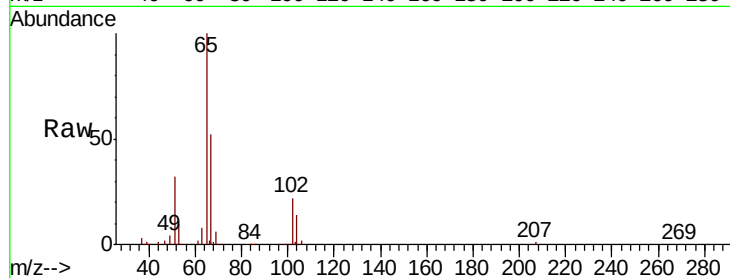




#33
 1,2-Dichloroethane-d4
 Concen: 47.986 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016596.D
 Acq: 04 Jun 2020 20:54

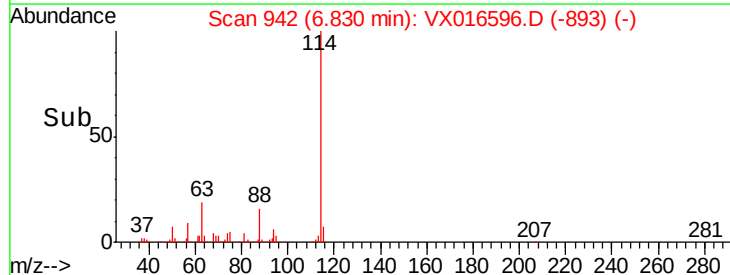
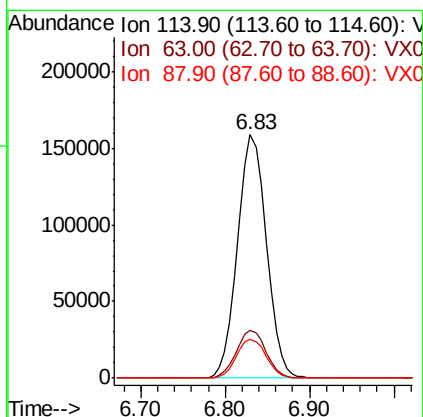
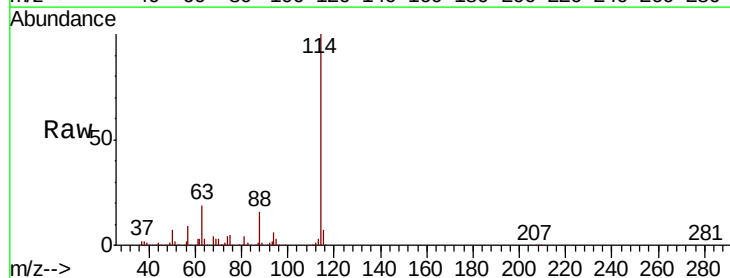
Instrument :
 MSVOA_X
 ClientSampleId :

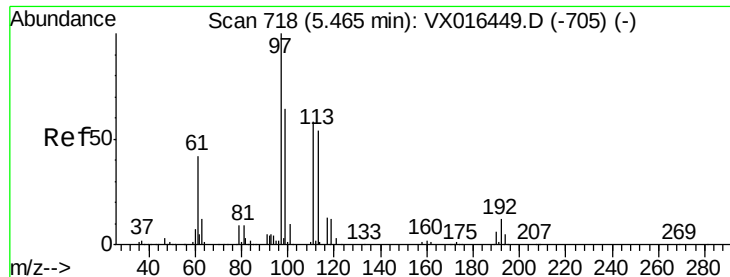
Tot Ion: 65 Resp: 141679
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016596.D
 Acq: 04 Jun 2020 20:54

Tgt Ion: 114 Resp: 368952
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.6
 88 16.0 0.0 32.8

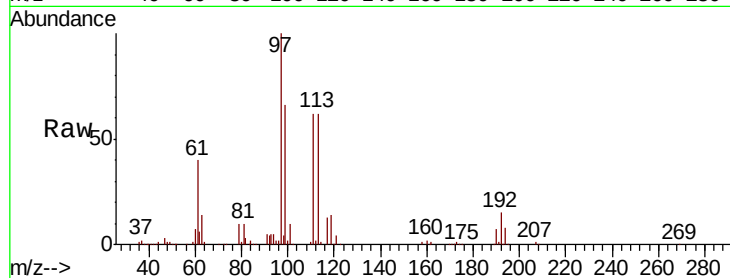




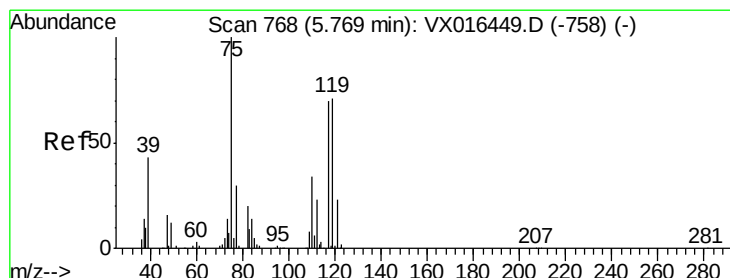
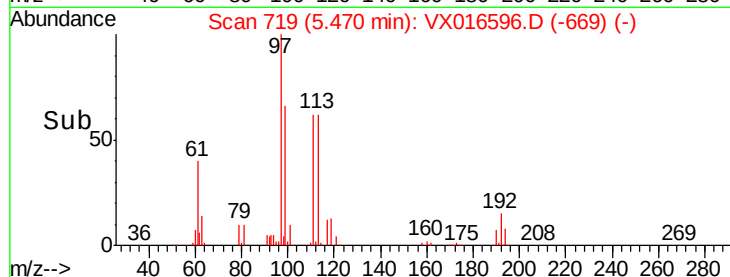
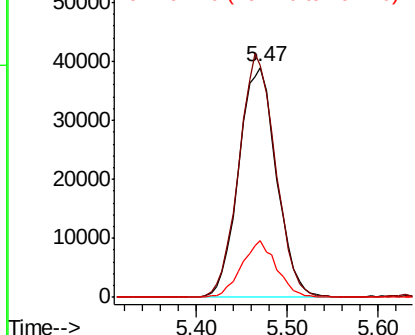
#35
Dibromofluoromethane
Concen: 49.557 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016596.D
Acq: 04 Jun 2020 20:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:113 Resp: 112584
Ion Ratio Lower Upper
113 100
111 102.7 83.0 124.6
192 23.0 17.7 26.5

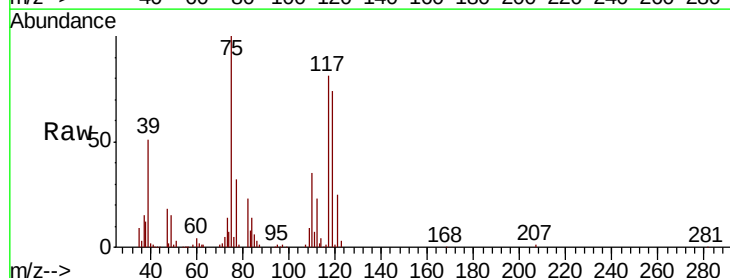


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

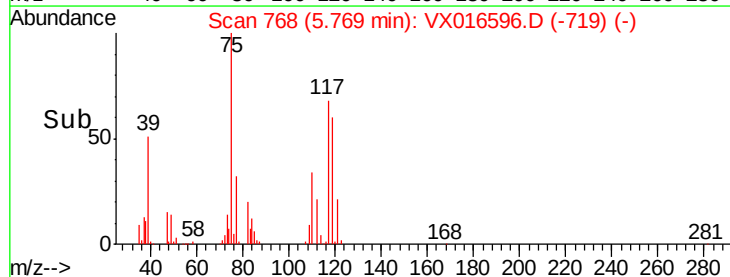
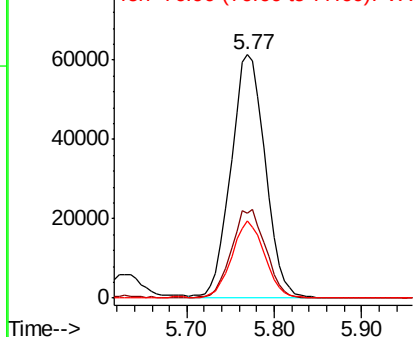


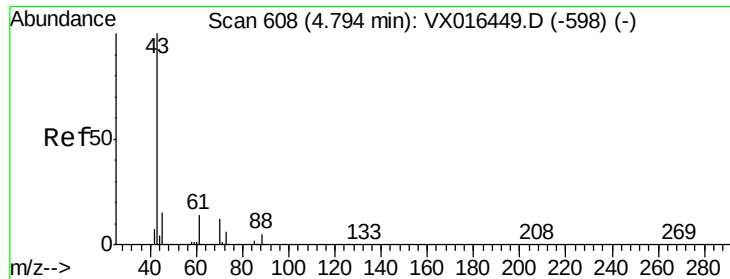
#36
1,1-Dichloropropene
Concen: 47.749 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016596.D
Acq: 04 Jun 2020 20:54

Tgt Ion: 75 Resp: 166800
Ion Ratio Lower Upper
75 100
110 36.4 17.4 52.3
77 30.7 24.2 36.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

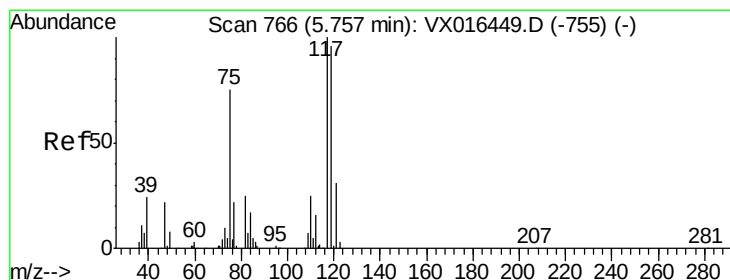
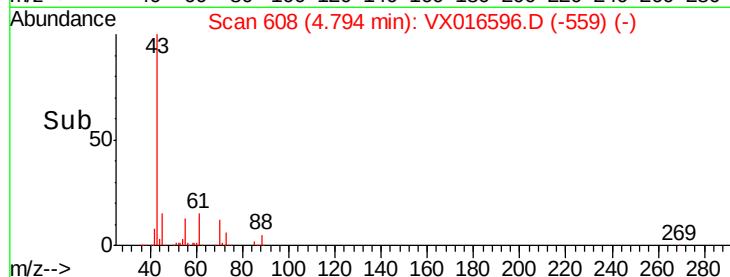
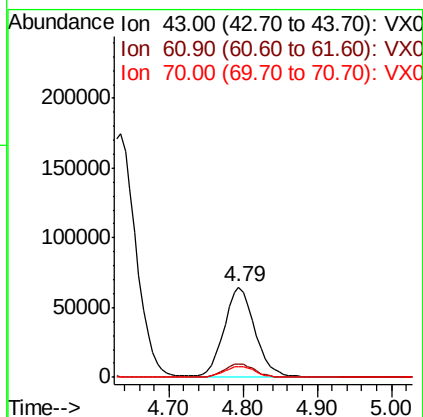
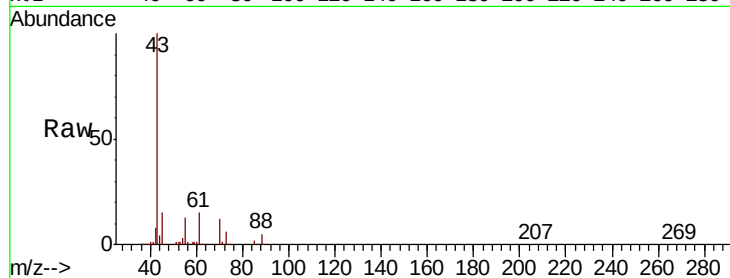




#37
Ethyl Acetate
Concen: 44.500 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016596.D
Acq: 04 Jun 2020 20:54

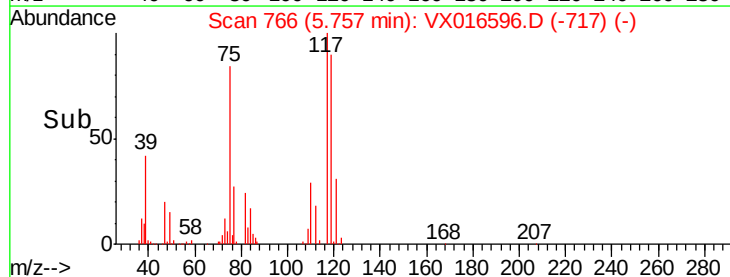
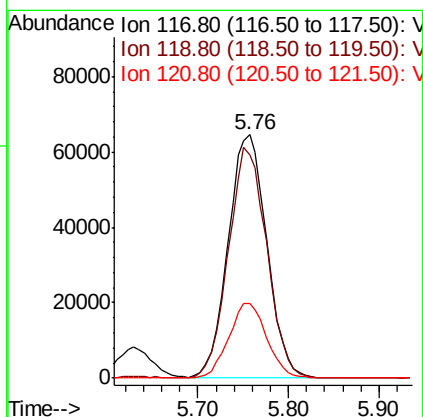
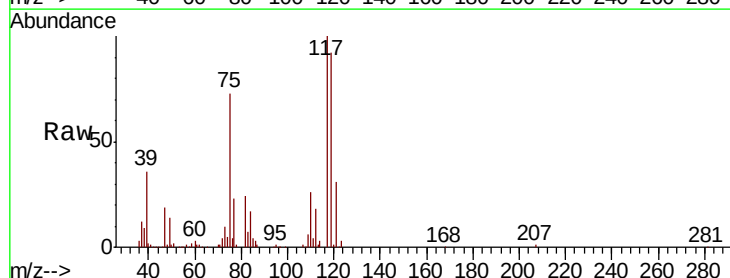
Instrument :
MSVOA_X
ClientSampled :

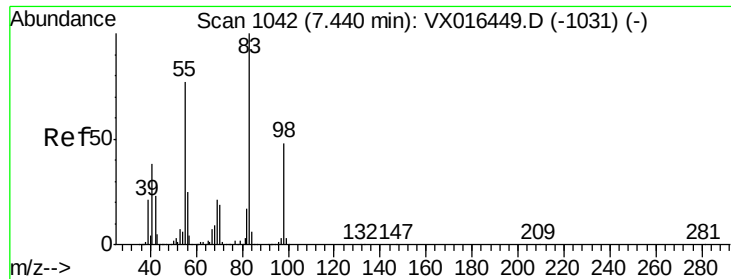
Tot Ion: 43 Resp: 186633
Ion Ratio Lower Upper
43 100
61 15.1 11.3 16.9
70 12.7 9.3 13.9



#38
Carbon Tetrachloride
Concen: 52.016 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016596.D
Acq: 04 Jun 2020 20:54

Tgt Ion: 117 Resp: 190954
Ion Ratio Lower Upper
117 100
119 91.6 76.3 114.5
121 30.6 24.6 37.0

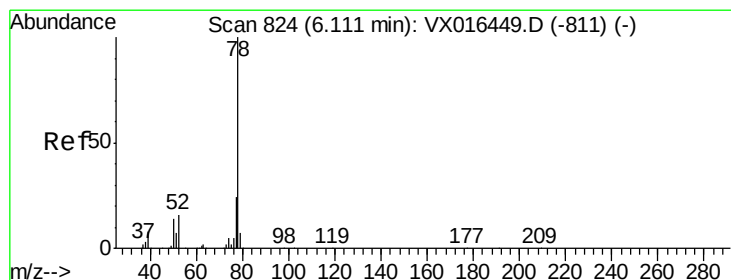
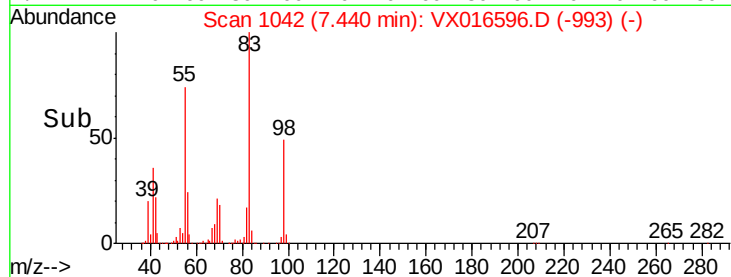
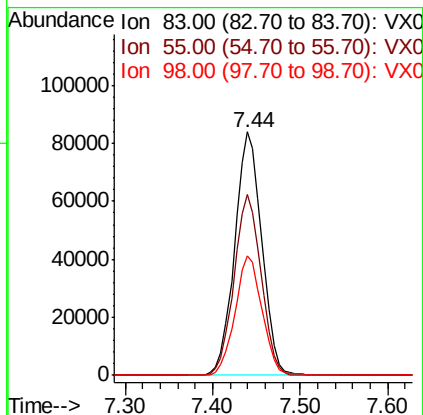
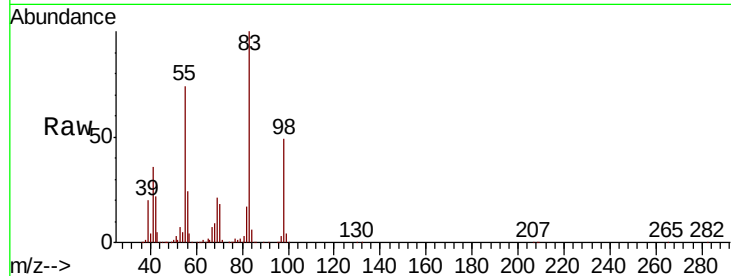




#39
Methylvlcyclohexane
Concen: 47.661 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016596.D
Acq: 04 Jun 2020 20:54

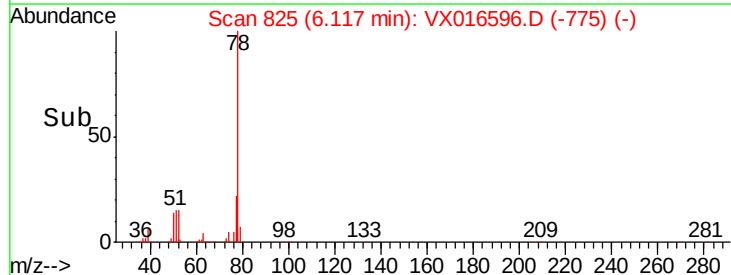
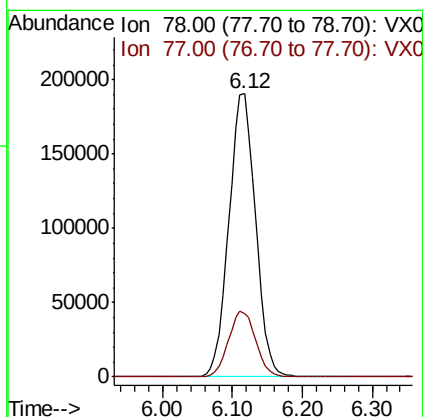
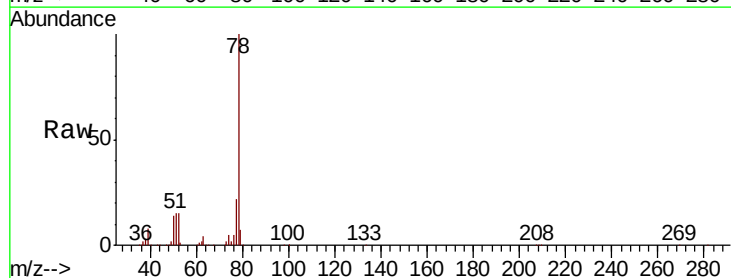
Instrument :
MSVOA_X
ClientSampled :

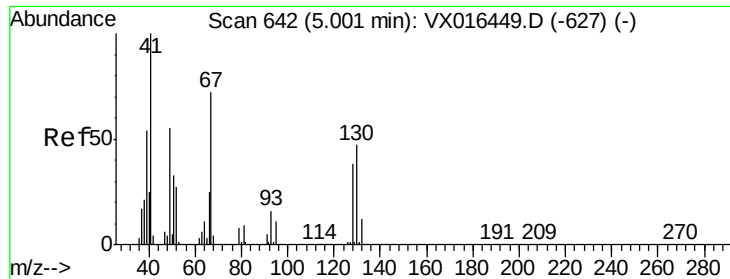
Tot Ion: 83 Resp: 180840
Ion Ratio Lower Upper
83 100
55 74.3 61.7 92.5
98 49.2 38.7 58.1



#40
Benzene
Concen: 48.416 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX016596.D
Acq: 04 Jun 2020 20:54

Tgt Ion: 78 Resp: 503664
Ion Ratio Lower Upper
78 100
77 22.5 18.9 28.3

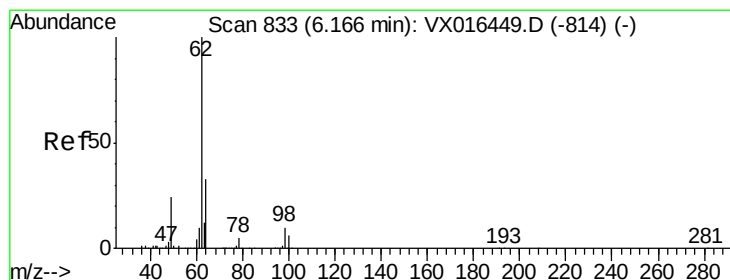
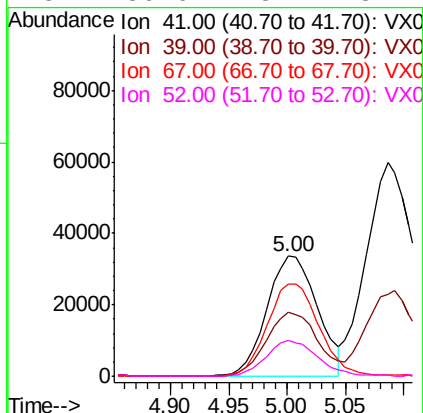
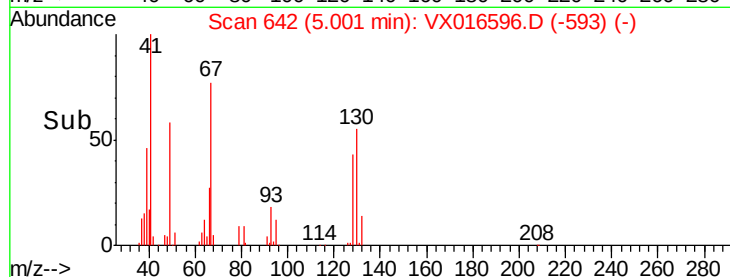
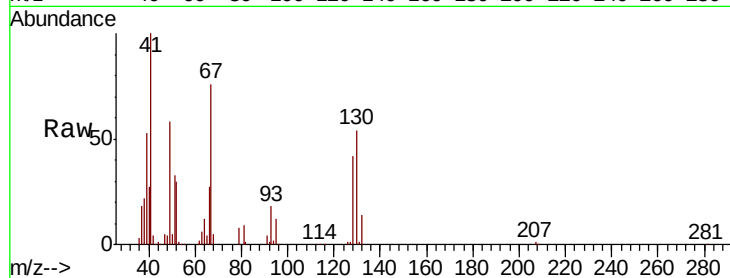




#41
Methacrylonitrile
Concen: 44.012 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX016596.D
Acq: 04 Jun 2020 20:54

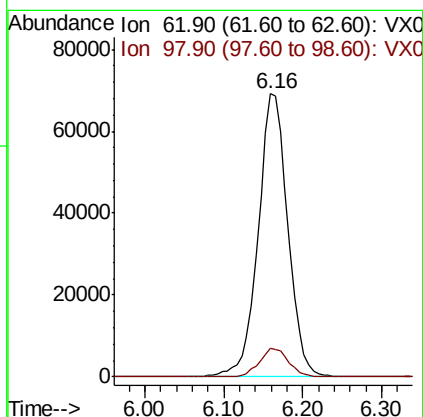
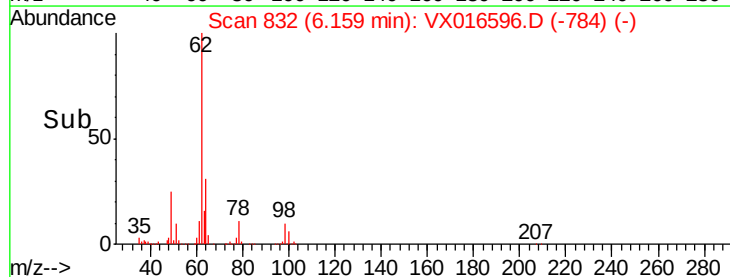
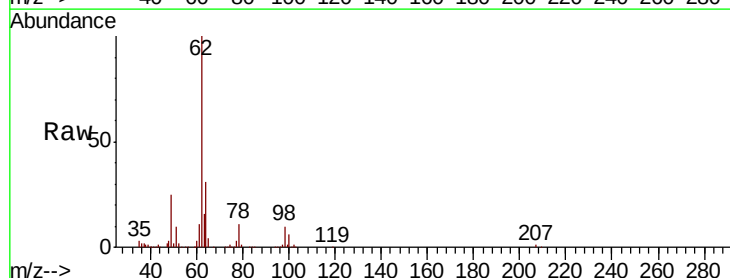
Instrument :
MSVOA_X
ClientSampled :

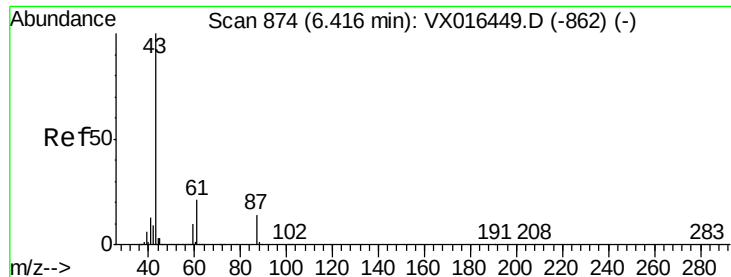
Tot Ion:	41	Resp:	101389
Ion	Ratio	Lower	Upper
41	100		
39	55.0	43.0	64.4
67	79.0	58.9	88.3
52	30.6	23.1	34.7



#42
1,2-Dichloroethane
Concen: 48.788 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016596.D
Acq: 04 Jun 2020 20:54

Tgt Ion:	62	Resp:	180492
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8





#43

Isopropyl Acetate

Concen: 45.439 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016596.D

Acq: 04 Jun 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

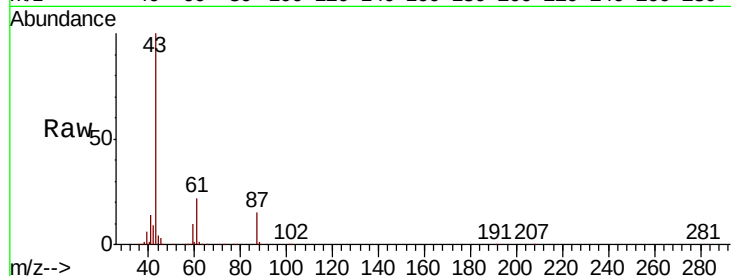
Tot Ion: 43 Resp: 297254

Ion Ratio Lower Upper

43 100

61 22.1 16.8 25.2

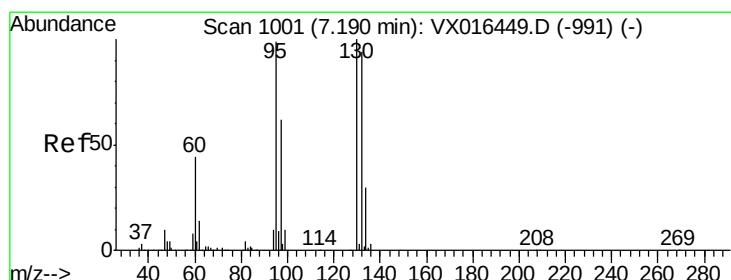
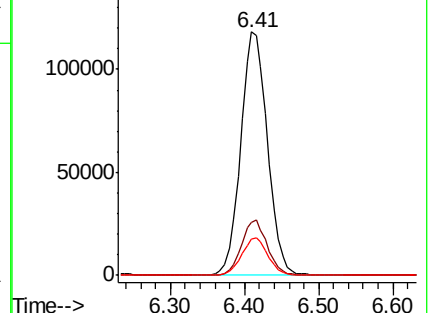
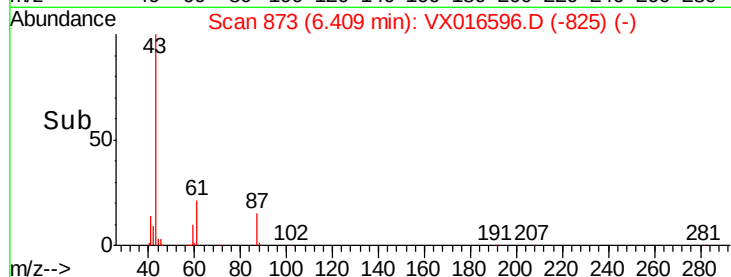
87 15.1 11.2 16.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.293 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016596.D

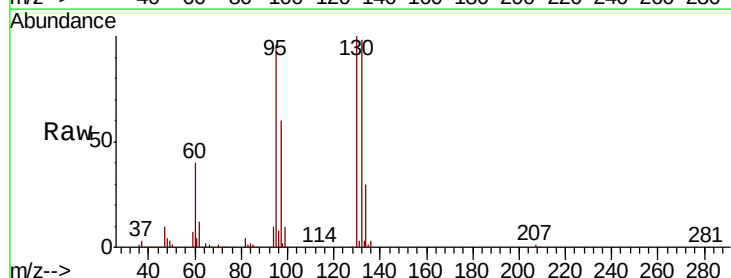
Acq: 04 Jun 2020 20:54

Tgt Ion:130 Resp: 156095

Ion Ratio Lower Upper

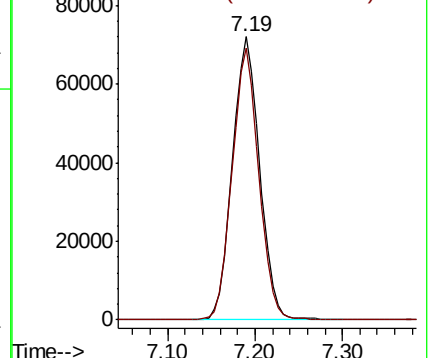
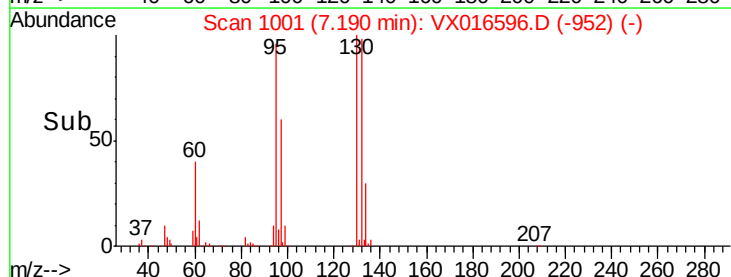
130 100

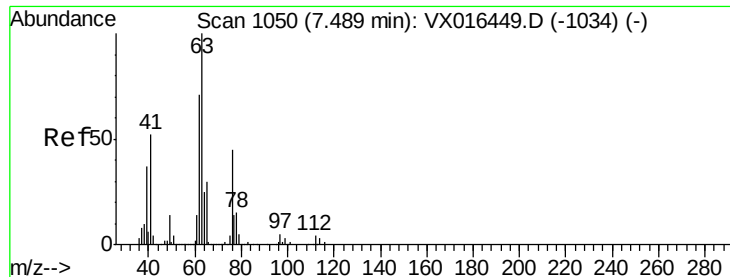
95 96.2 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 47.646 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016596.D

Acq: 04 Jun 2020 20:54

Instrument :

MSVOA_X

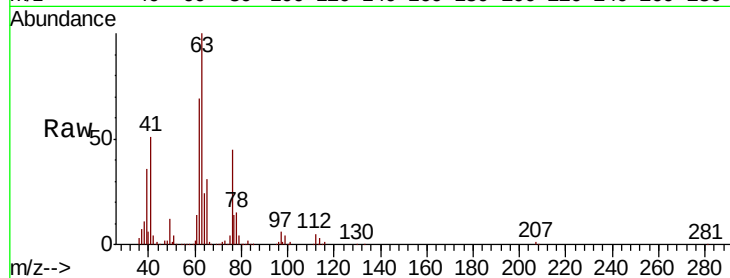
ClientSampleId :

Tot Ion: 63 Resp: 126183

Ion Ratio Lower Upper

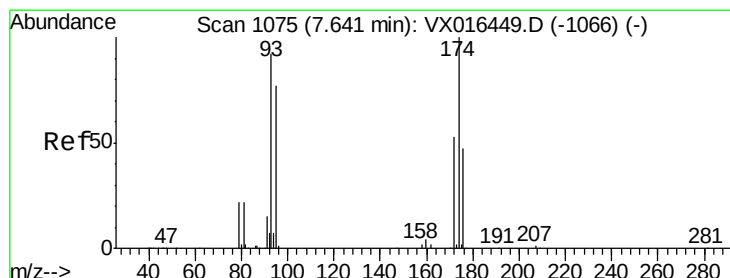
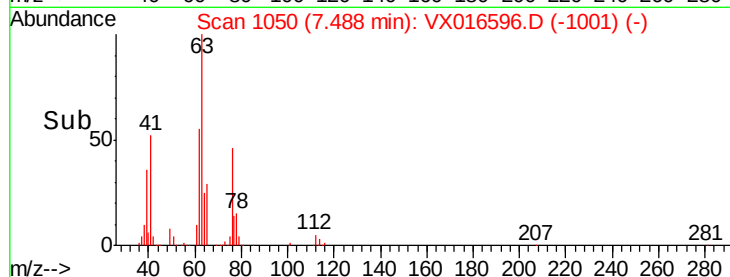
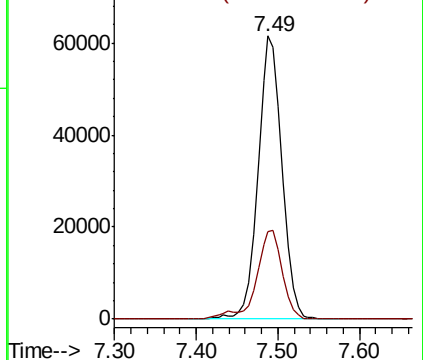
63 100

65 31.0 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.188 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016596.D

Acq: 04 Jun 2020 20:54

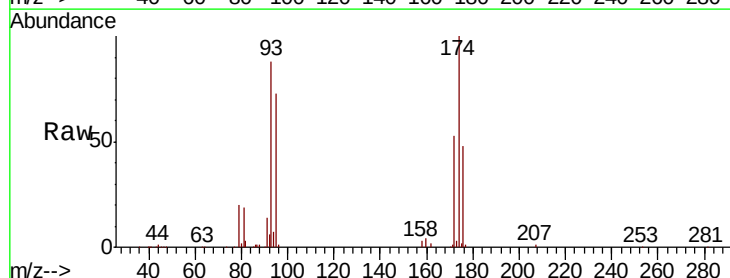
Tgt Ion: 93 Resp: 87495

Ion Ratio Lower Upper

93 100

95 83.6 66.6 100.0

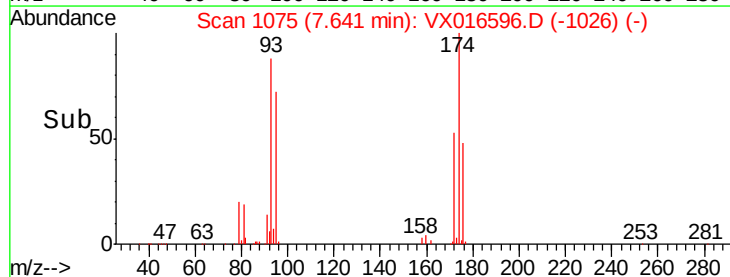
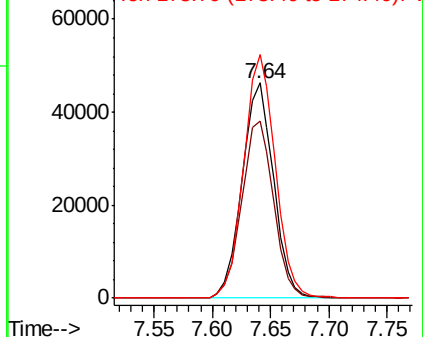
174 114.0 86.2 129.4

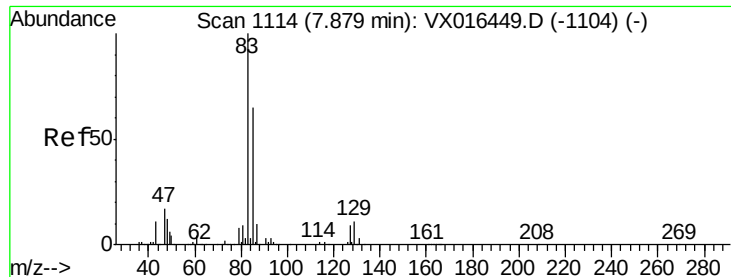


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.928 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016596.D

Acq: 04 Jun 2020 20:54

Instrument :

MSVOA_X

ClientSampled :

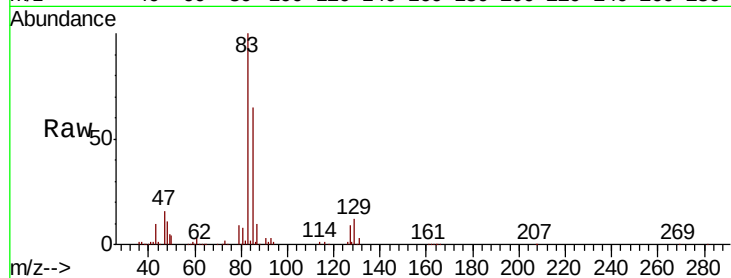
Tot Ion: 83 Resp: 187575

Ion Ratio Lower Upper

83 100

85 64.6 52.0 78.0

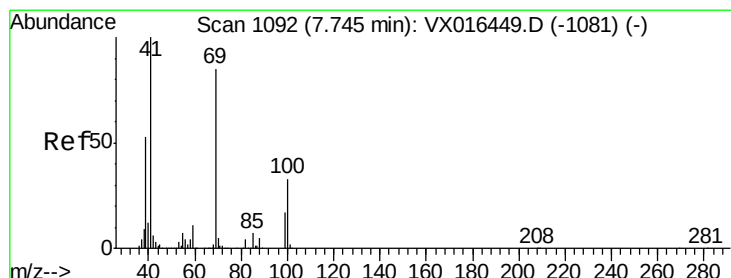
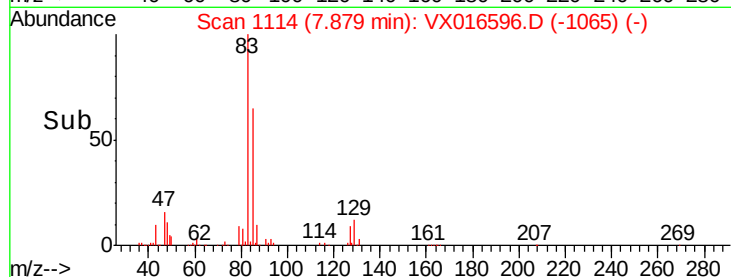
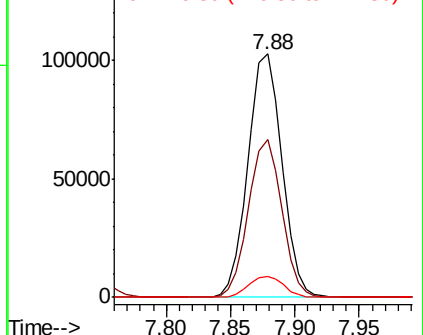
127 8.8 7.4 11.0



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: 45.630 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016596.D

Acq: 04 Jun 2020 20:54

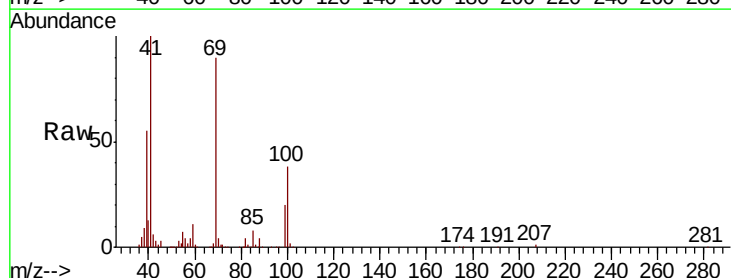
Tgt Ion: 41 Resp: 142923

Ion Ratio Lower Upper

41 100

69 91.9 68.6 102.8

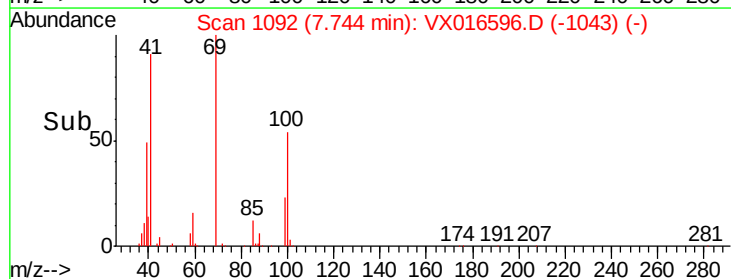
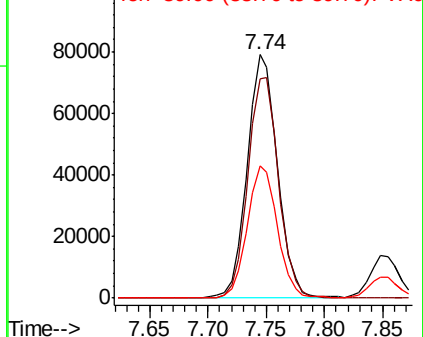
39 54.0 42.4 63.6

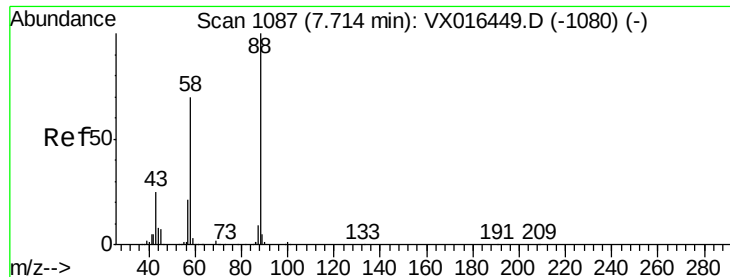


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 908.758 ug/l

RT: 7.71 min Scan# 1087

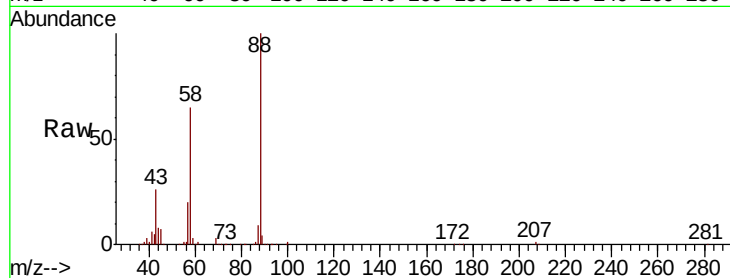
Delta R.T. -0.00 min

Lab File: VX016596.D

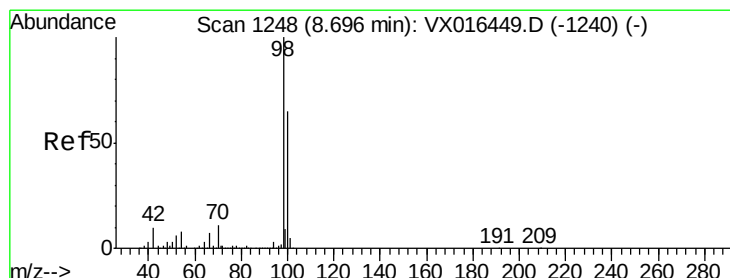
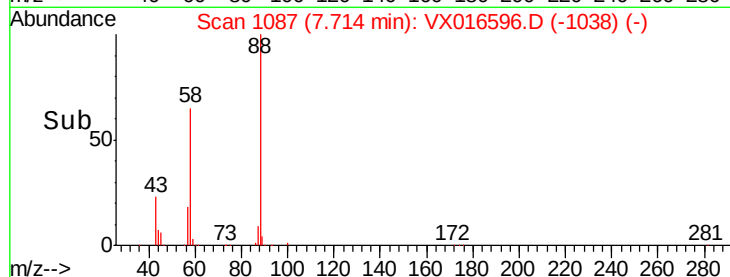
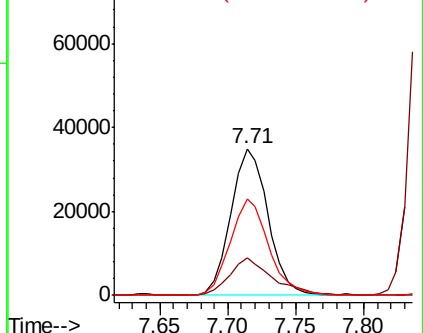
Acq: 04 Jun 2020 20:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	88	Resp:	66614
Ion	Ratio	Lower	Upper
88	100		
43	29.6	24.2	36.4
58	68.1	56.5	84.7



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.749 ug/l

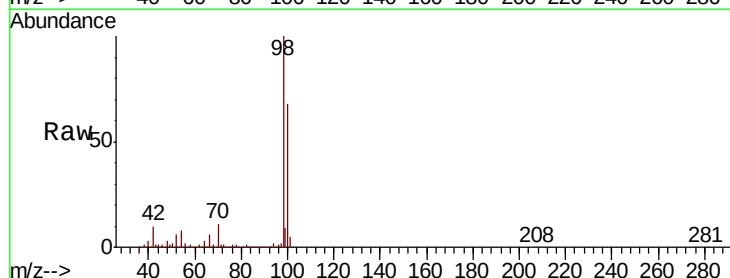
RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

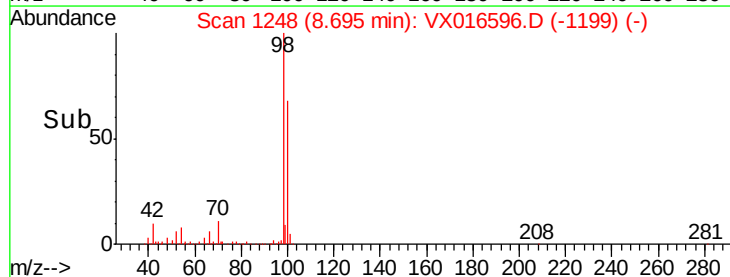
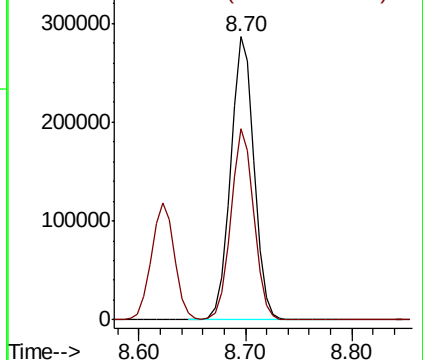
Lab File: VX016596.D

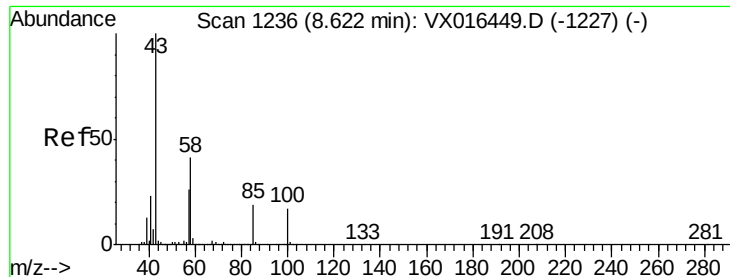
Acq: 04 Jun 2020 20:54

Tgt Ion:	98	Resp:	439896
Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.8	80.6



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

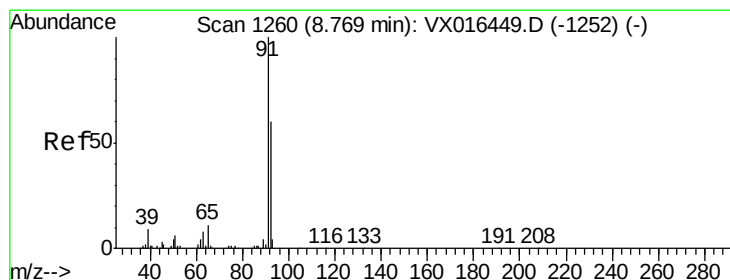
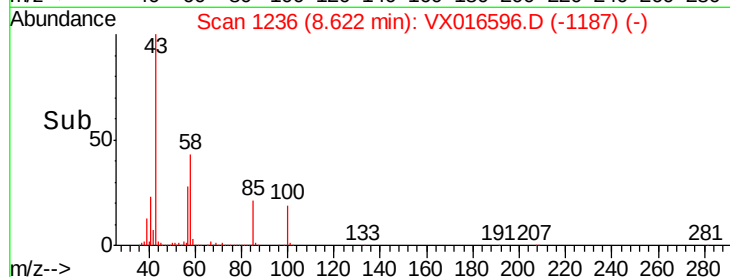
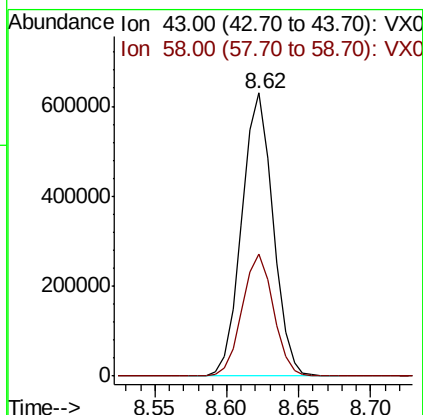
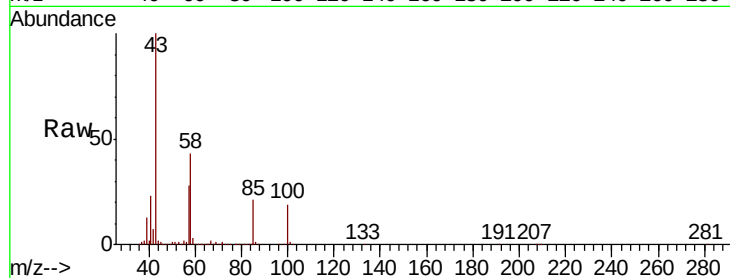




#51
 4-Methyl-2-Pentanone
 Concen: 232.841 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016596.D
 Acq: 04 Jun 2020 20:54

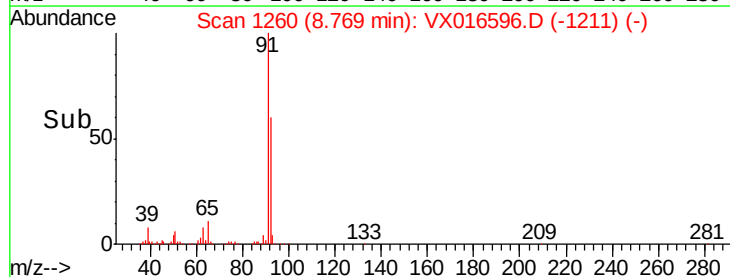
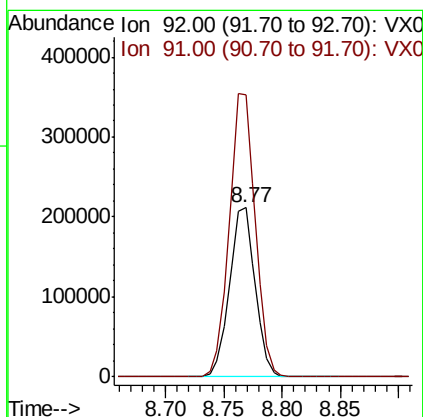
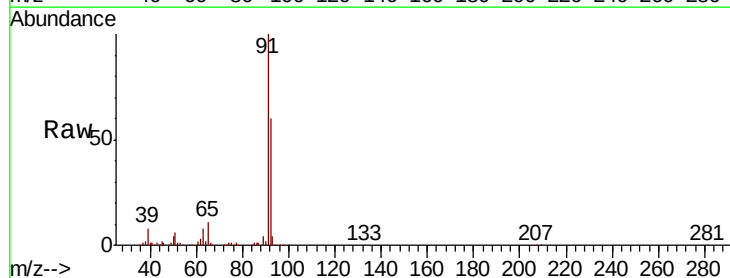
Instrument :
 MSVOA_X
 ClientSampleId :

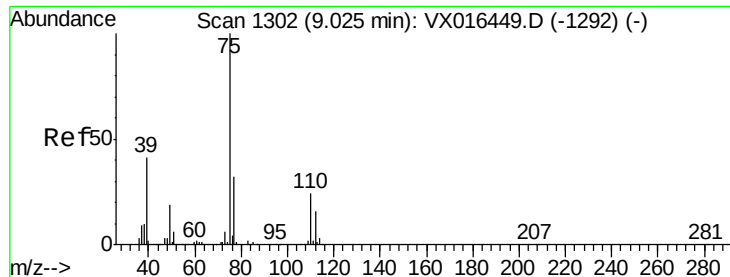
Tot Ion: 43 Resp: 948443
 Ion Ratio Lower Upper
 43 100
 58 43.1 33.0 49.6



#52
 Toluene
 Concen: 49.560 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX016596.D
 Acq: 04 Jun 2020 20:54

Tgt Ion: 92 Resp: 325111
 Ion Ratio Lower Upper
 92 100
 91 169.2 135.0 202.4

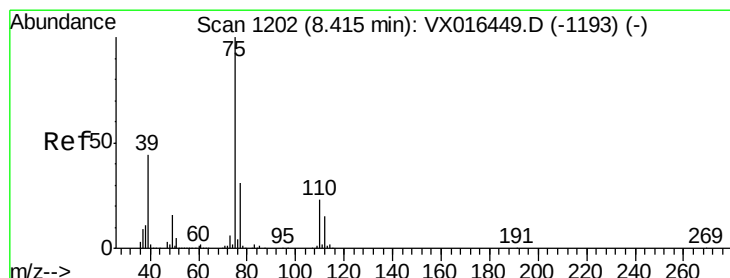
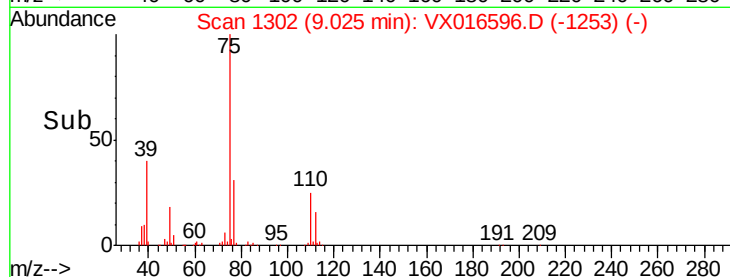
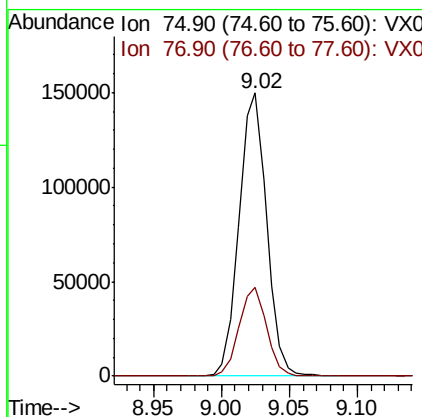
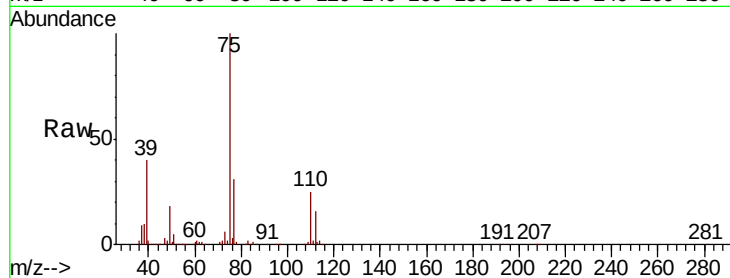




#53
 t-1,3-Dichloropropene
 Concen: 50.598 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX016596.D
 Acq: 04 Jun 2020 20:54

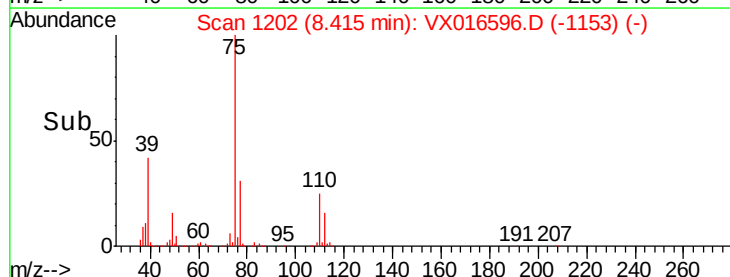
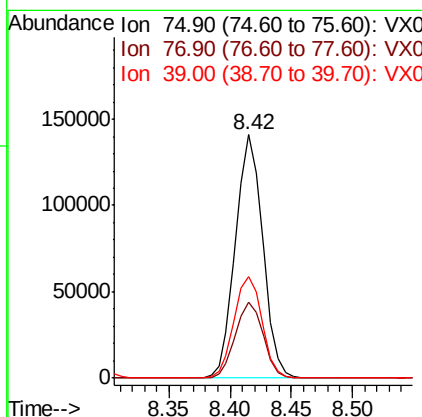
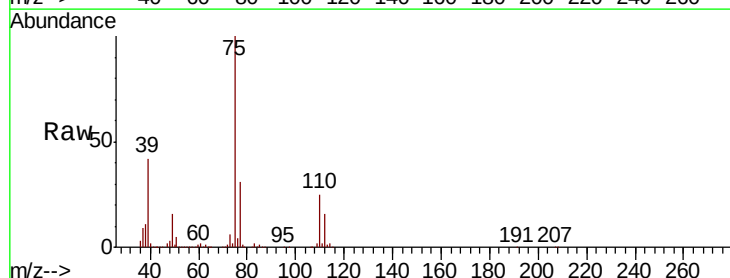
Instrument :
 MSVOA_X
 ClientSampleId :

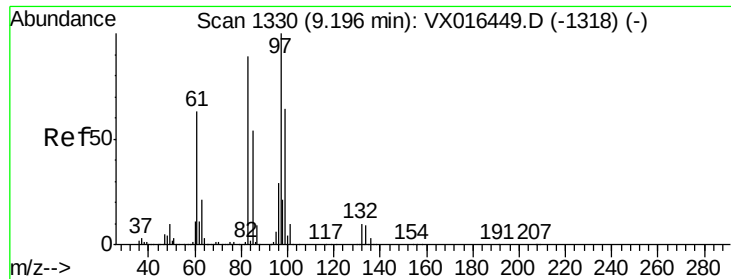
Tot Ion: 75 Resp: 211911
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 49.291 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX016596.D
 Acq: 04 Jun 2020 20:54

Tgt Ion: 75 Resp: 218507
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.6 36.8
 39 41.8 35.3 52.9

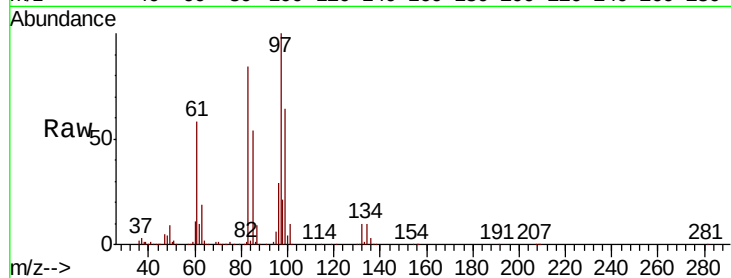




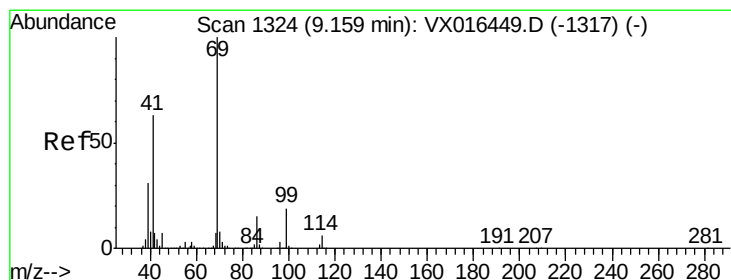
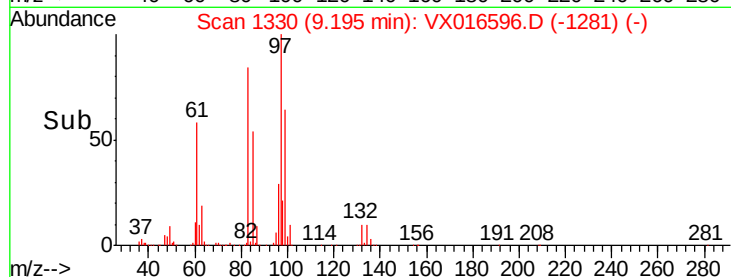
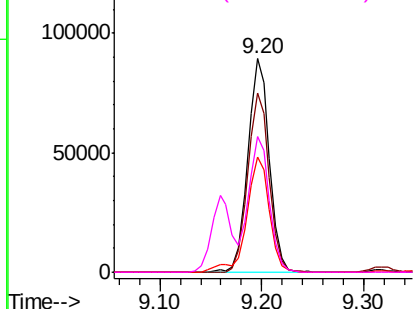
#55
 1,1,2-Trichloroethane
 Concen: 50.290 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016596.D
 Acq: 04 Jun 2020 20:54

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	131167
Ion	Ratio	Lower	Upper
97	100		
83	84.1	70.9	106.3
85	54.2	43.4	65.2
99	63.6	51.0	76.6

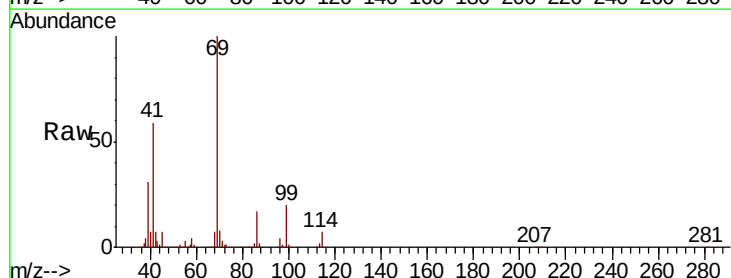


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

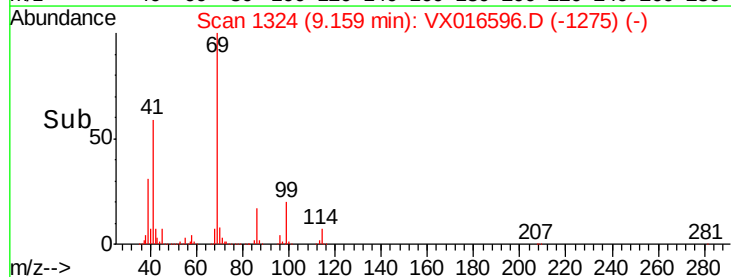
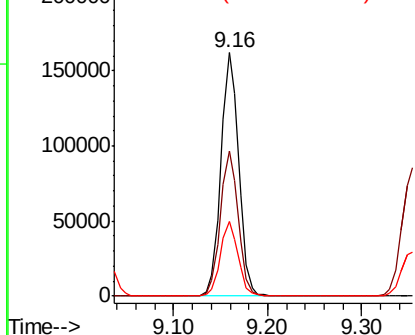


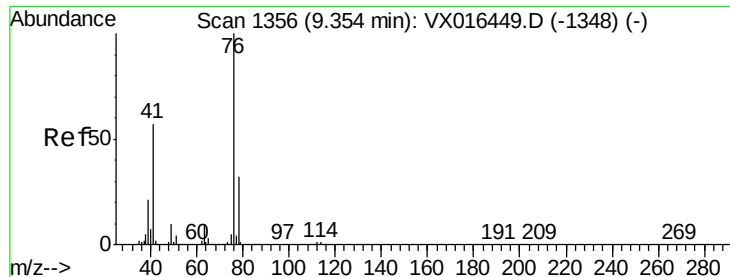
#56
 Ethyl methacrylate
 Concen: 50.069 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016596.D
 Acq: 04 Jun 2020 20:54

Tgt Ion:	69	Resp:	212687
Ion	Ratio	Lower	Upper
69	100		
41	59.4	50.7	76.1
39	30.5	25.8	38.6



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





#57

1,3-Dichloropropane

Concen: 49.298 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016596.D

Acq: 04 Jun 2020 20:54

Instrument :

MSVOA_X

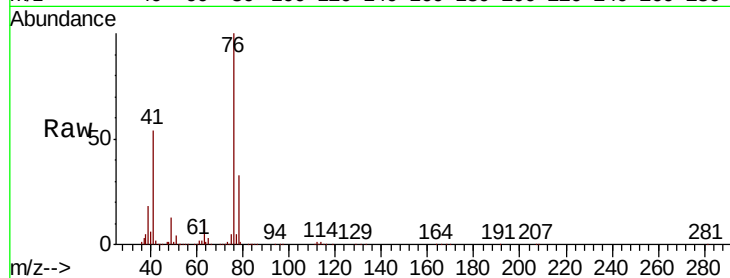
ClientSampleId :

Tot Ion: 76 Resp: 220703

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

150000

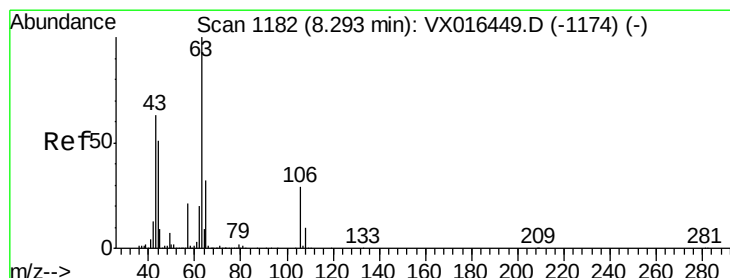
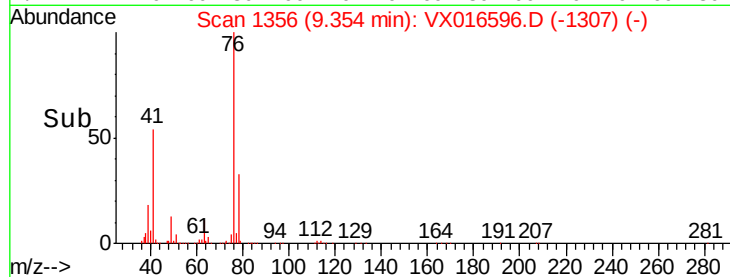
100000

50000

0

9.30 9.35 9.40

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 248.455 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016596.D

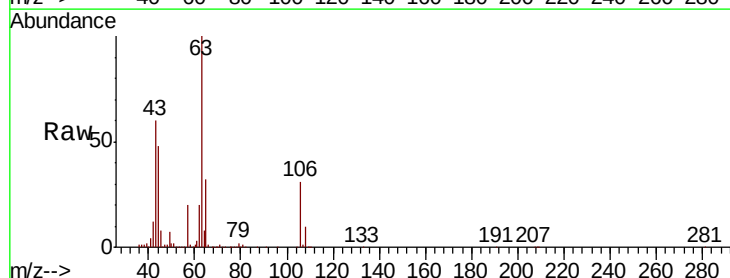
Acq: 04 Jun 2020 20:54

Tgt Ion: 63 Resp: 550876

Ion Ratio Lower Upper

63 100

106 30.8 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

400000

300000

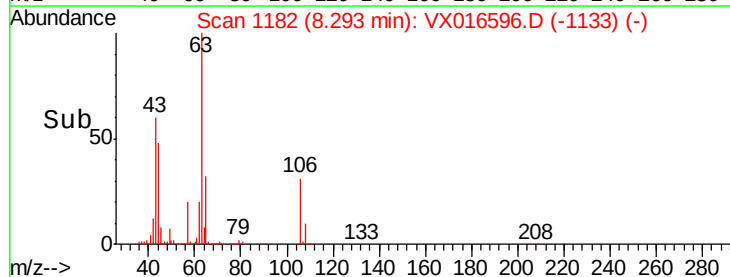
200000

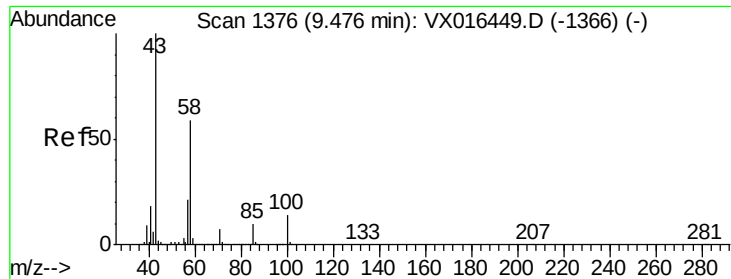
100000

0

8.20 8.25 8.30 8.35 8.40

Time-->

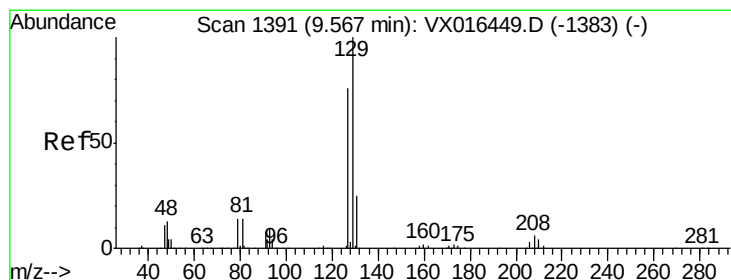
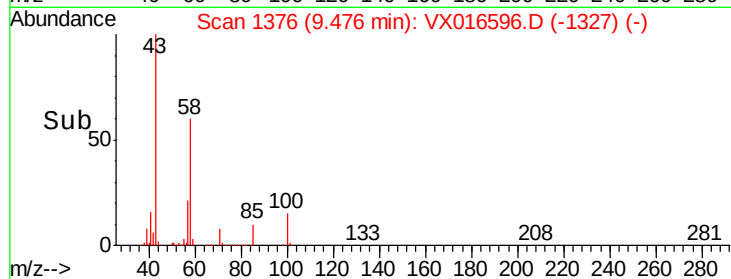
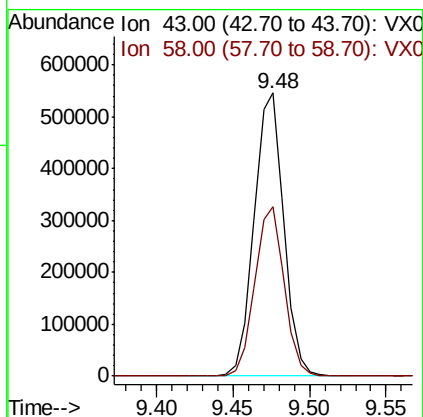
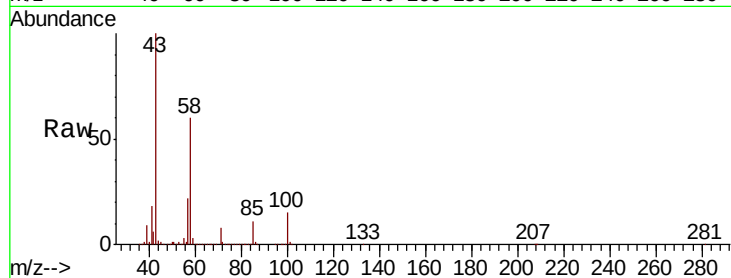




#59
2-Hexanone
Concen: 231.784 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016596.D
Acq: 04 Jun 2020 20:54

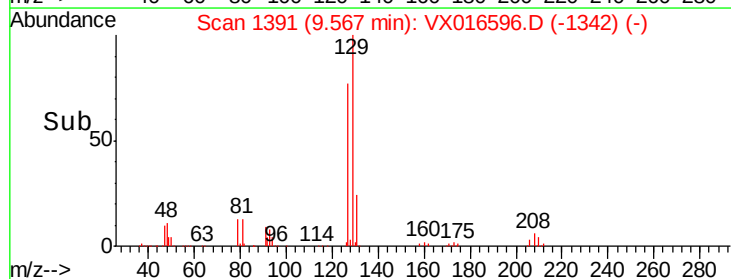
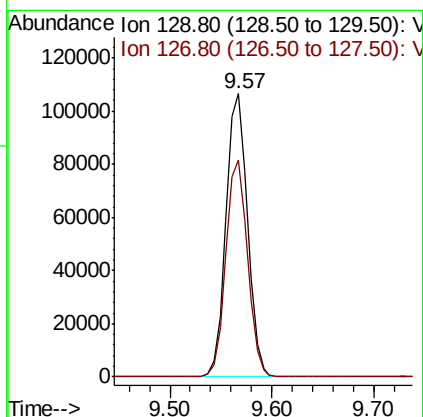
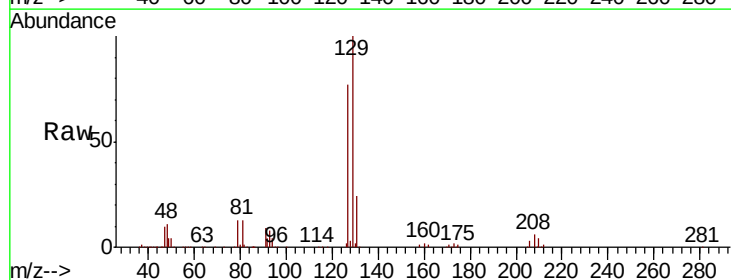
Instrument :
MSVOA_X
ClientSampleId :

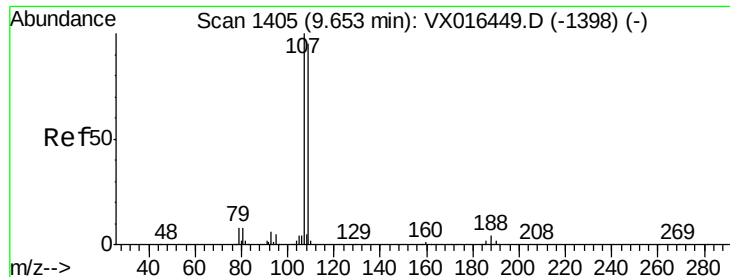
Tot Ion: 43 Resp: 734216
Ion Ratio Lower Upper
43 100
58 59.5 28.8 86.4



#60
Dibromochloromethane
Concen: 52.960 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016596.D
Acq: 04 Jun 2020 20:54

Tgt Ion: 129 Resp: 155449
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 51.359 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016596.D

Acq: 04 Jun 2020 20:54

Instrument :

MSVOA_X

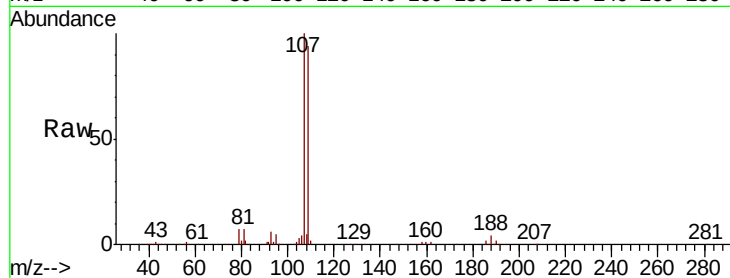
ClientSampleId :

Tot Ion:107 Resp: 143447

Ion Ratio Lower Upper

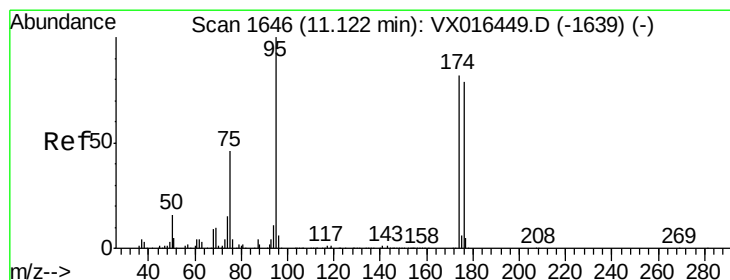
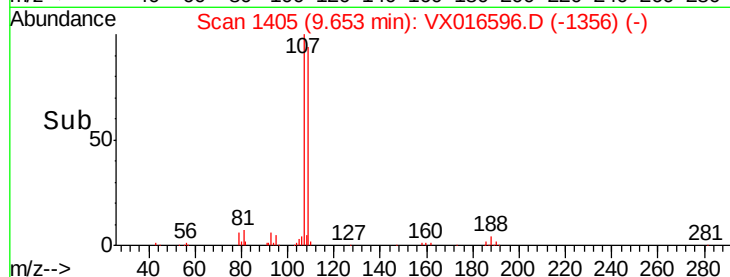
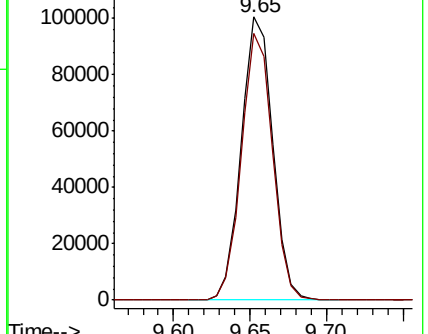
107 100

109 93.3 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.918 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016596.D

Acq: 04 Jun 2020 20:54

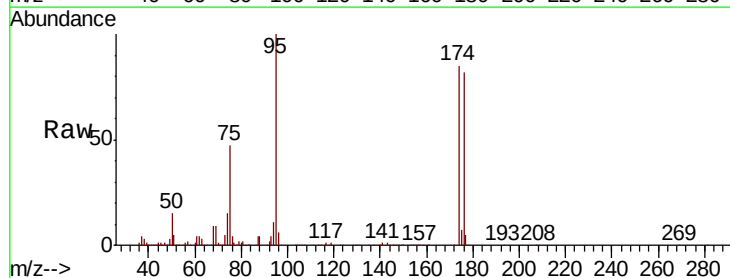
Tgt Ion: 95 Resp: 170552

Ion Ratio Lower Upper

95 100

174 82.6 0.0 163.0

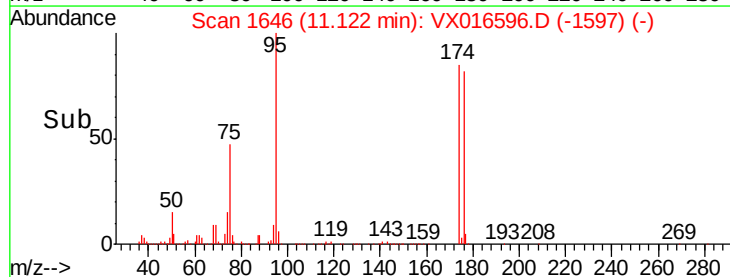
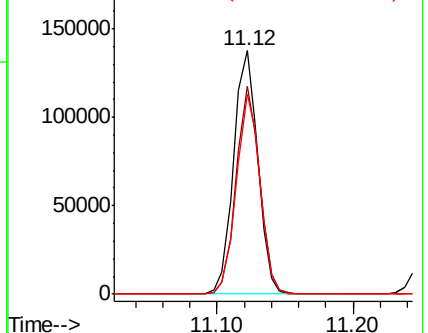
176 80.3 0.0 156.8

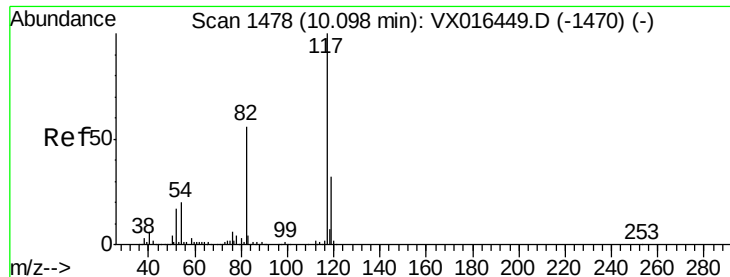


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

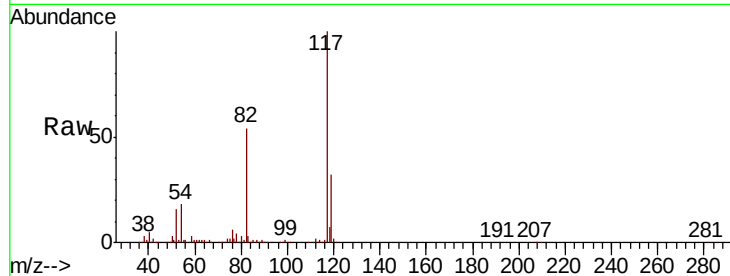




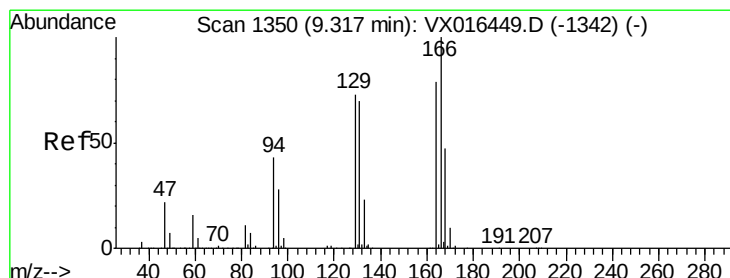
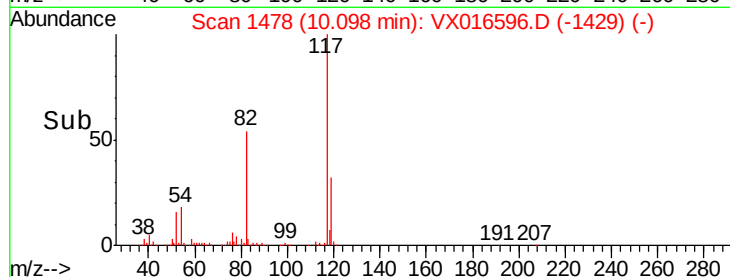
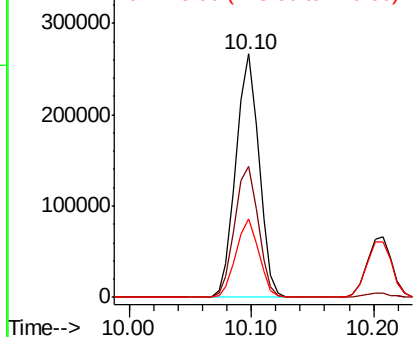
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016596.D
Acq: 04 Jun 2020 20:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 348493
Ion Ratio Lower Upper
117 100
82 54.0 45.0 67.6
119 32.3 25.8 38.8



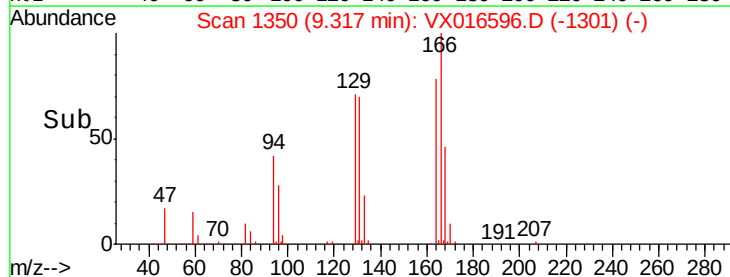
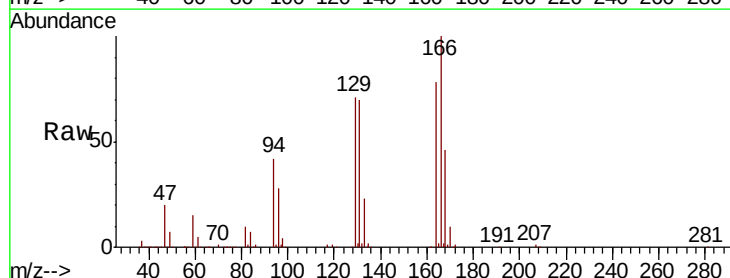
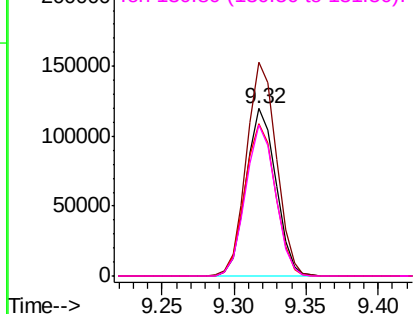
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

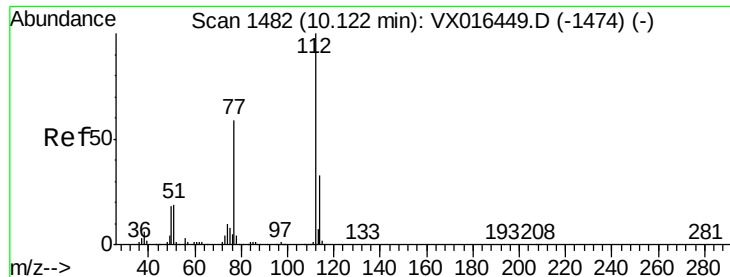


#64
Tetrachloroethene
Concen: 43.992 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016596.D
Acq: 04 Jun 2020 20:54

Tgt Ion:164 Resp: 171519
Ion Ratio Lower Upper
164 100
166 127.5 100.9 151.3
129 91.1 73.2 109.8
131 89.9 70.8 106.2

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

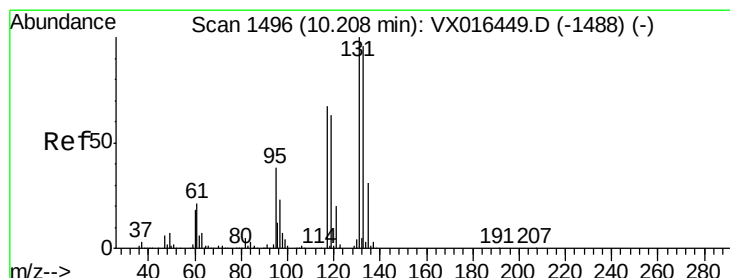
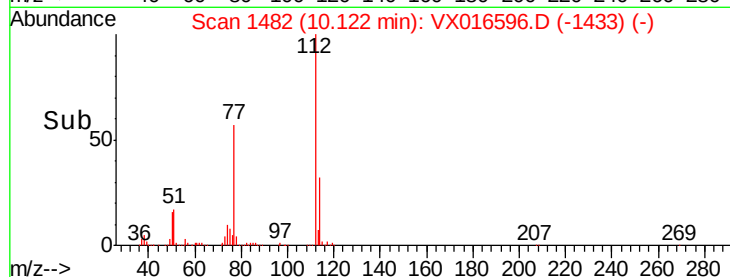
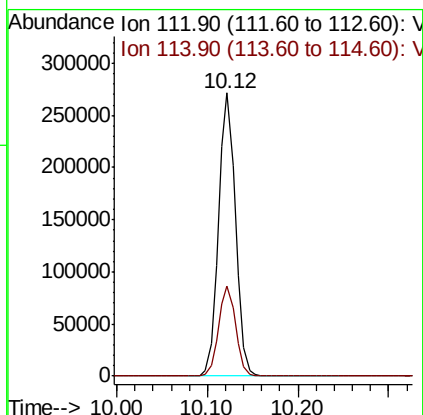
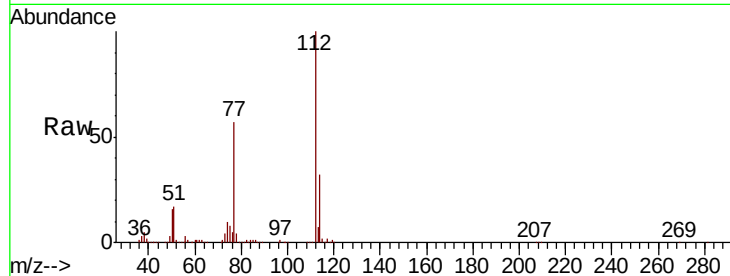




#65
Chlorobenzene
Concen: 50.078 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016596.D
Acq: 04 Jun 2020 20:54

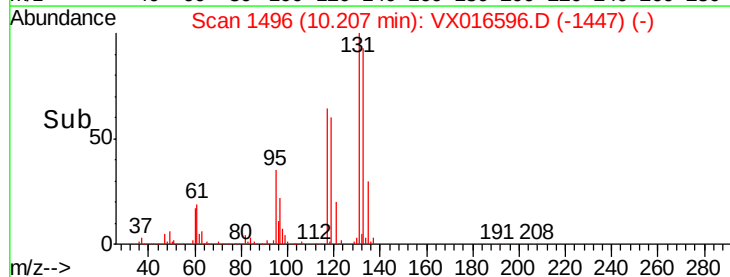
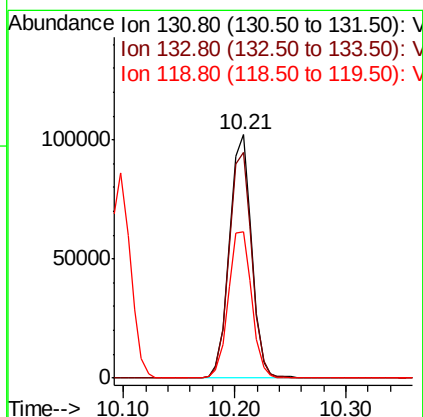
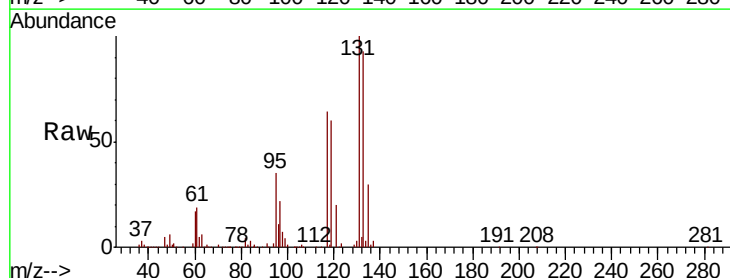
Instrument :
MSVOA_X
ClientSampleId :

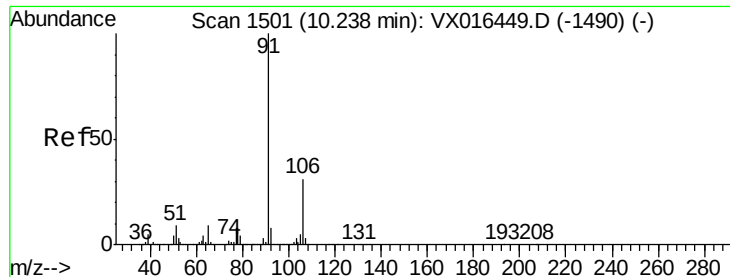
Tot Ion:112 Resp: 355798
Ion Ratio Lower Upper
112 100
114 31.9 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.918 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016596.D
Acq: 04 Jun 2020 20:54

Tgt Ion:131 Resp: 140806
Ion Ratio Lower Upper
131 100
133 95.2 48.4 145.3
119 63.1 32.0 96.2





#67

Ethyl Benzene

Concen: 49.252 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016596.D

Acq: 04 Jun 2020 20:54

Instrument :

MSVOA_X

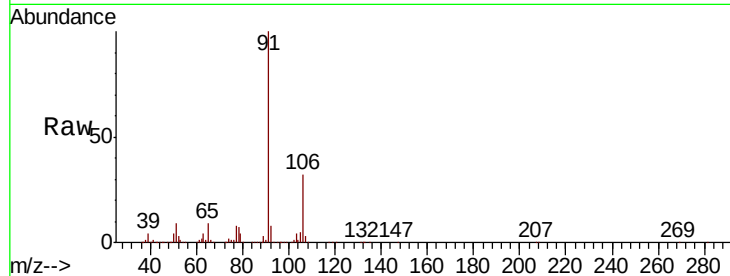
ClientSampleId :

Tot Ion: 91 Resp: 623017

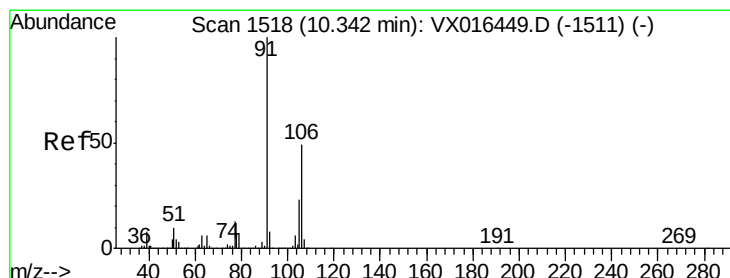
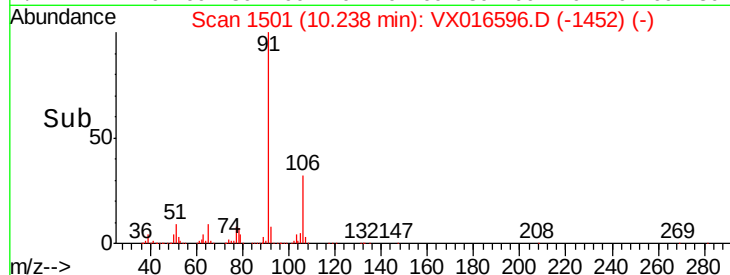
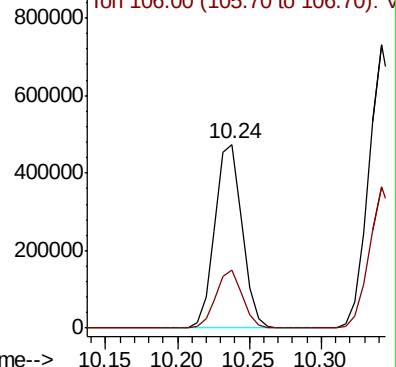
Ion Ratio Lower Upper

91 100

106 31.8 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX016449.D (-1490) (-)



#68

m/p-Xylenes

Concen: 101.401 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016596.D

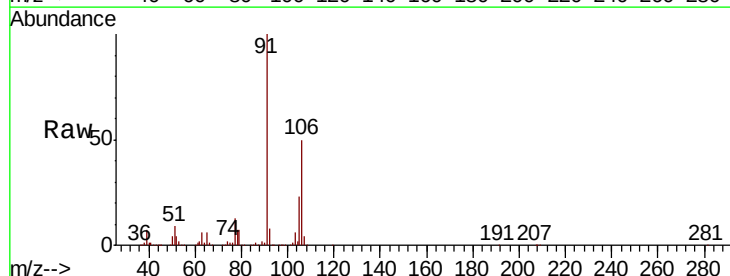
Acq: 04 Jun 2020 20:54

Tgt Ion: 106 Resp: 475580

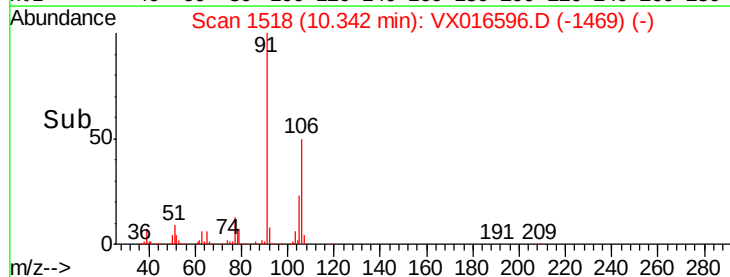
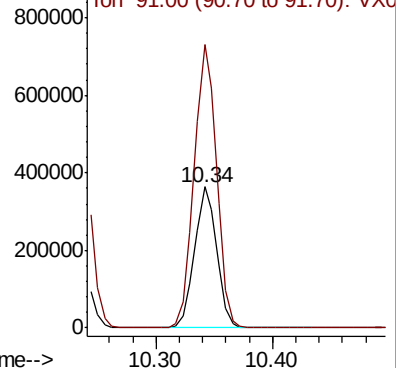
Ion Ratio Lower Upper

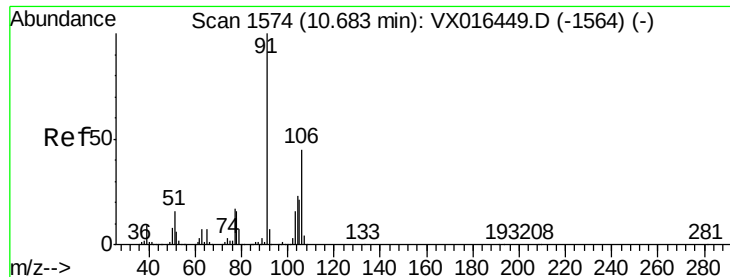
106 100

91 204.4 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): VX016449.D (-1511) (-)

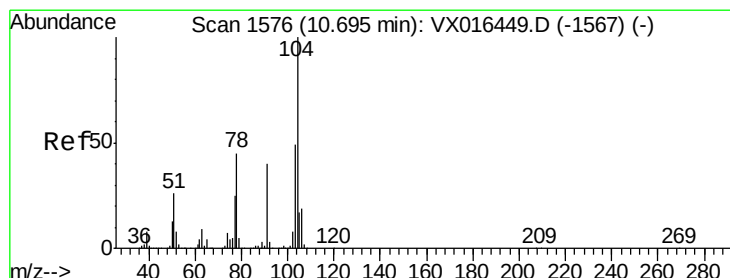
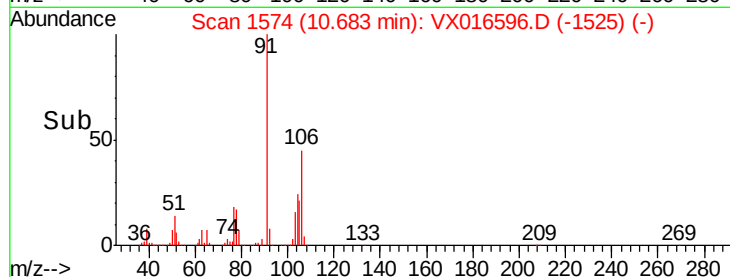
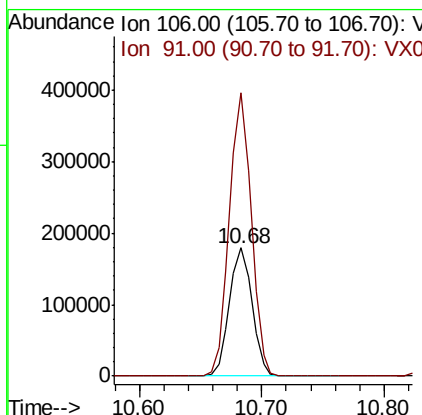
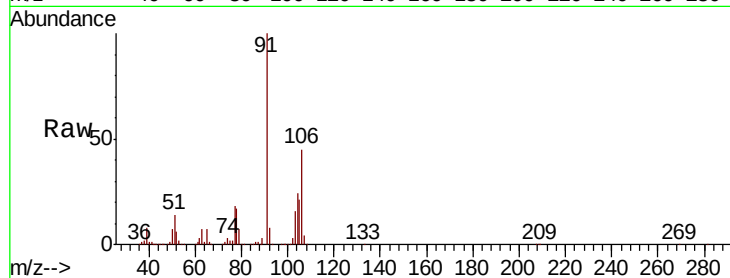




#69
o-Xylene
Concen: 50.390 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016596.D
Acq: 04 Jun 2020 20:54

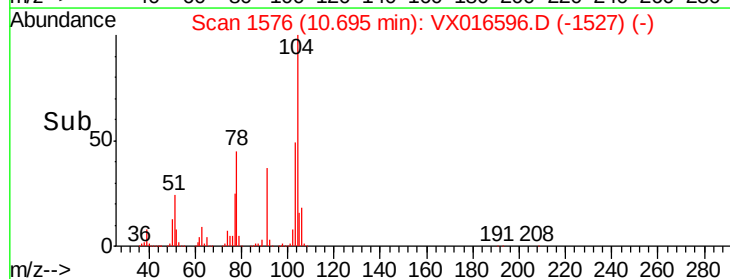
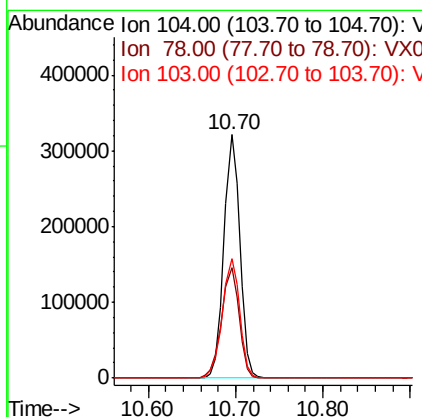
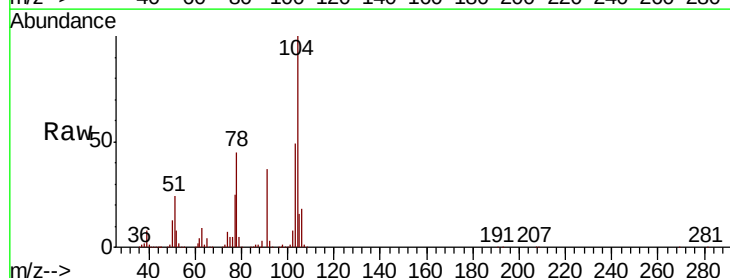
Instrument :
MSVOA_X
ClientSampled :

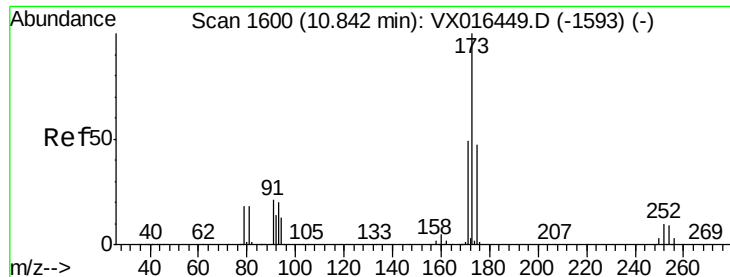
Tot Ion:106 Resp: 228879
Ion Ratio Lower Upper
106 100
91 214.6 109.6 328.8



#70
Styrene
Concen: 51.707 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016596.D
Acq: 04 Jun 2020 20:54

Tgt Ion:104 Resp: 403693
Ion Ratio Lower Upper
104 100
78 49.8 40.2 60.2
103 53.3 43.1 64.7





#71

Bromoform

Concen: 54.644 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016596.D

Acq: 04 Jun 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

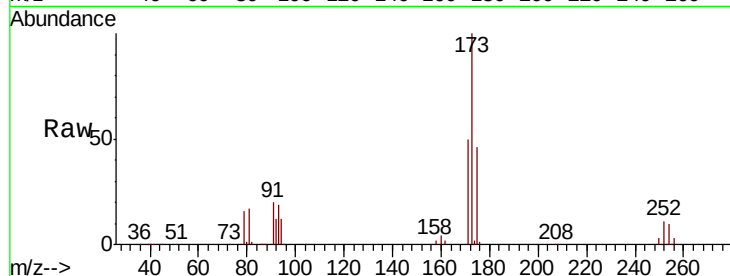
Tot Ion:173 Resp: 125249

Ion Ratio Lower Upper

173 100

175 47.2 23.9 71.7

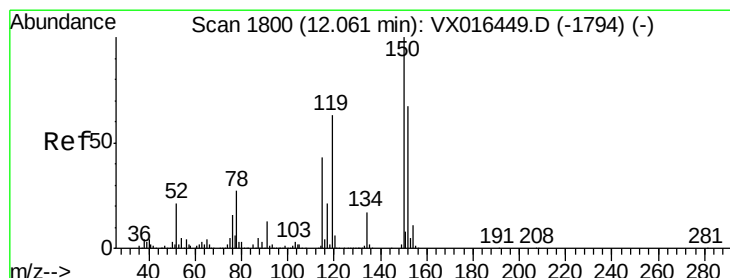
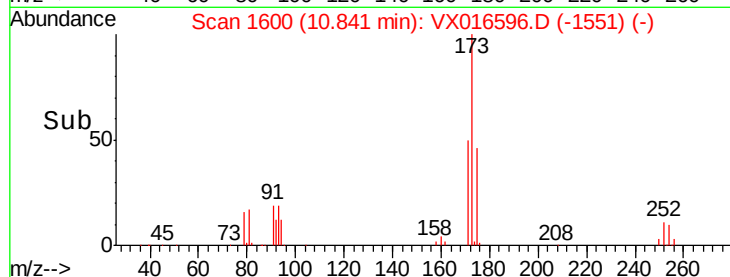
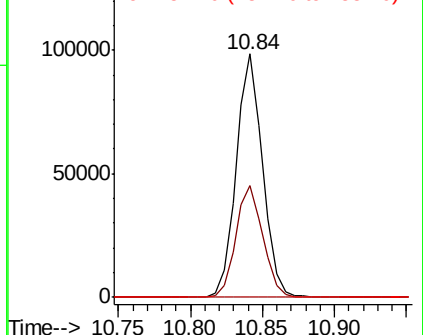
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016596.D

Acq: 04 Jun 2020 20:54

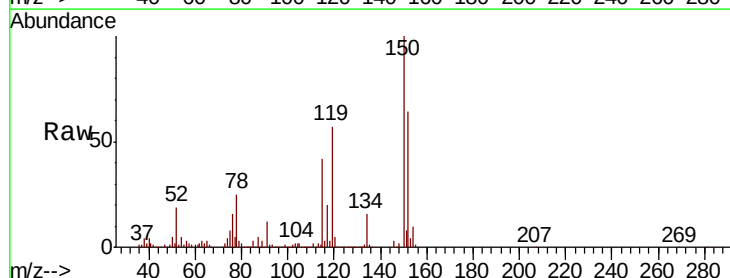
Tgt Ion:152 Resp: 177249

Ion Ratio Lower Upper

152 100

115 79.2 39.9 119.6

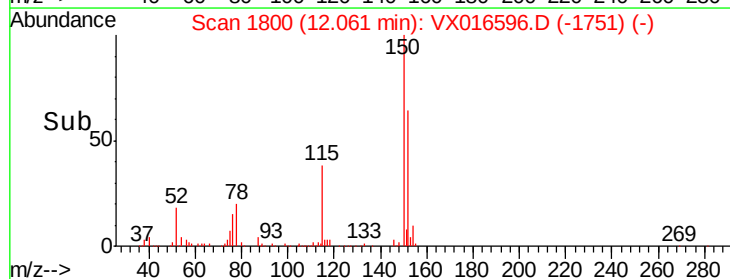
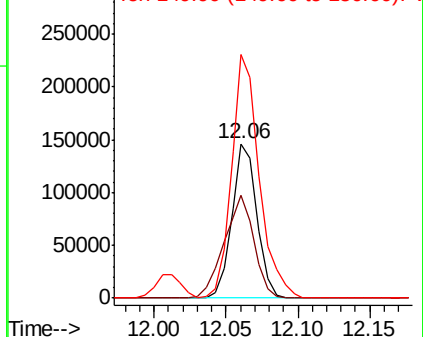
150 174.3 0.0 341.0

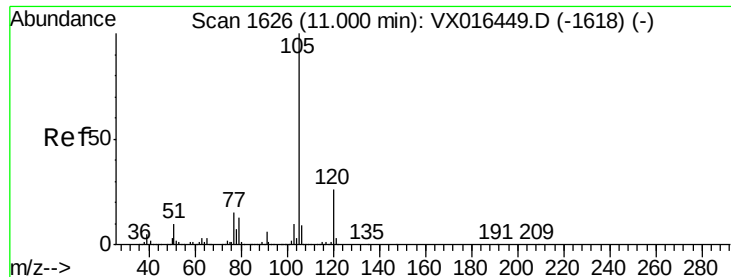


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.634 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016596.D

Acq: 04 Jun 2020 20:54

Instrument :

MSVOA_X

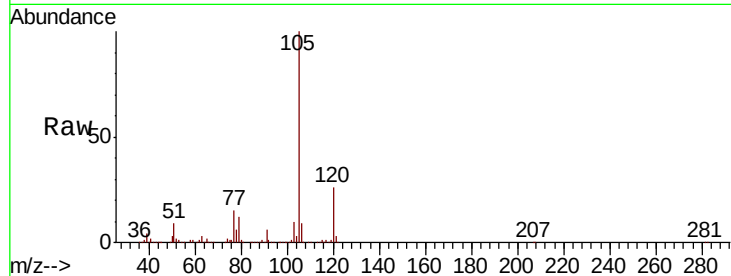
ClientSampleId :

Tot Ion: 105 Resp: 609568

Ion Ratio Lower Upper

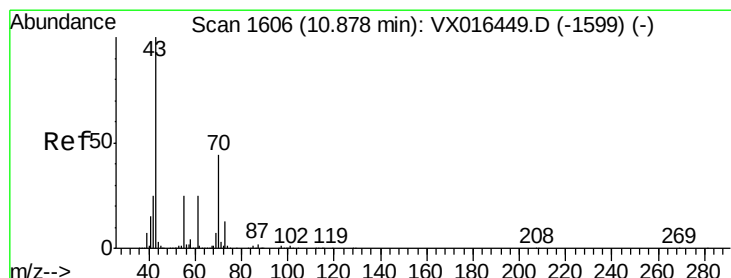
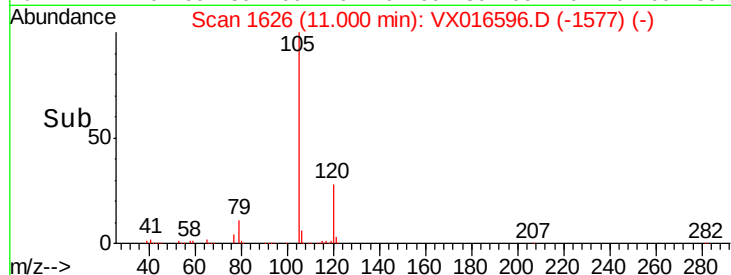
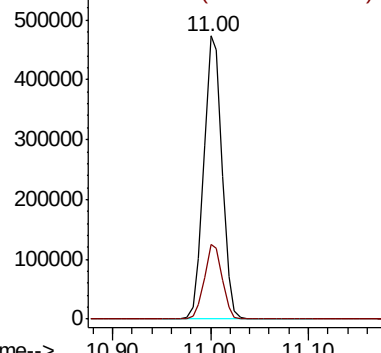
105 100

120 26.0 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.050 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016596.D

Acq: 04 Jun 2020 20:54

Tgt Ion: 43 Resp: 254490

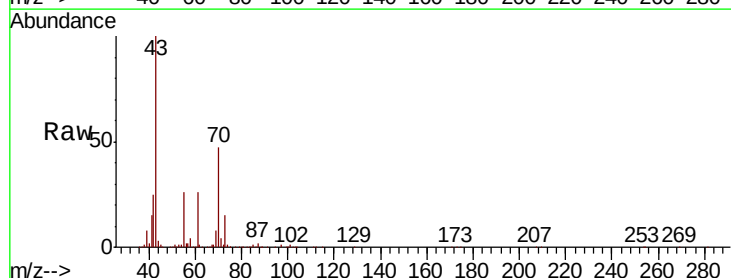
Ion Ratio Lower Upper

43 100

70 48.5 36.1 54.1

55 26.7 20.2 30.4

61 26.8 20.3 30.5

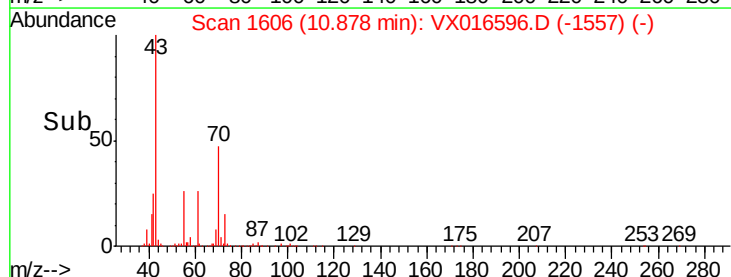
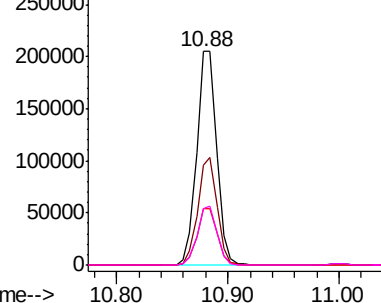


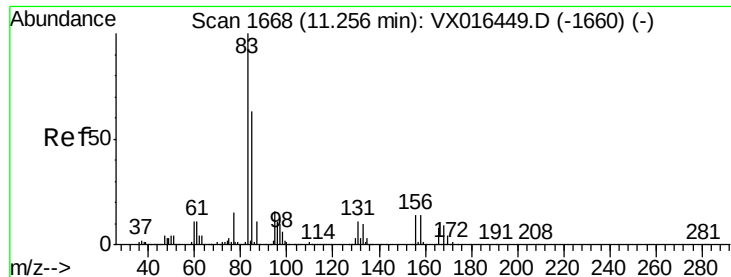
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.820 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016596.D

Acq: 04 Jun 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

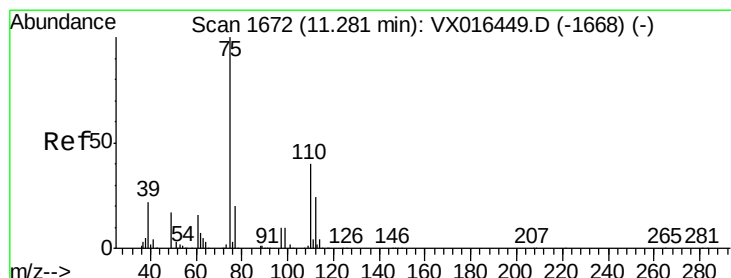
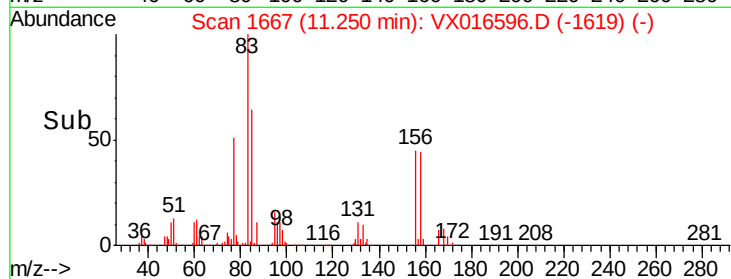
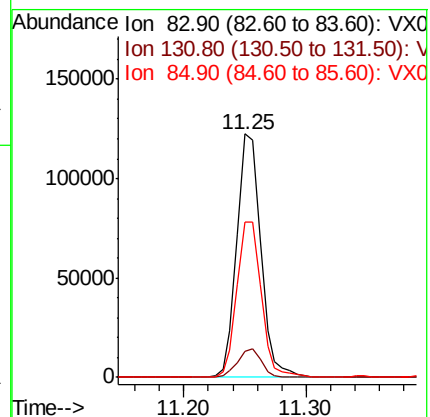
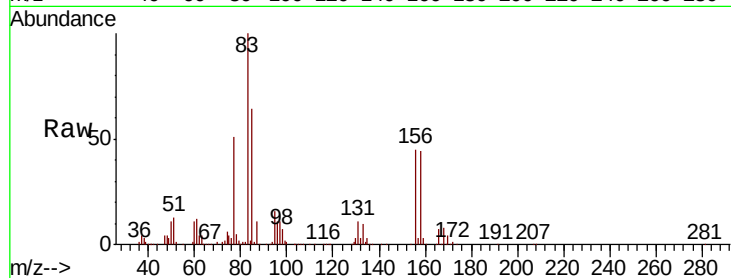
Tot Ion: 83 Resp: 165653

Ion Ratio Lower Upper

83 100

131 11.3 5.1 15.3

85 65.1 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 63.371 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016596.D

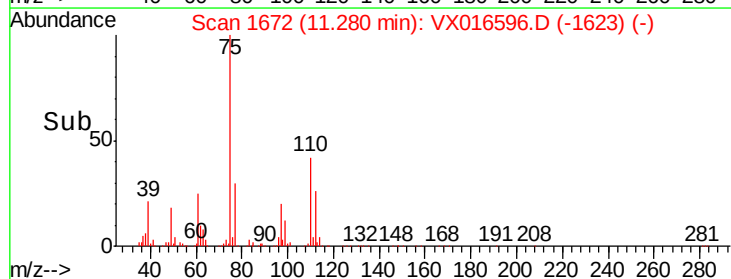
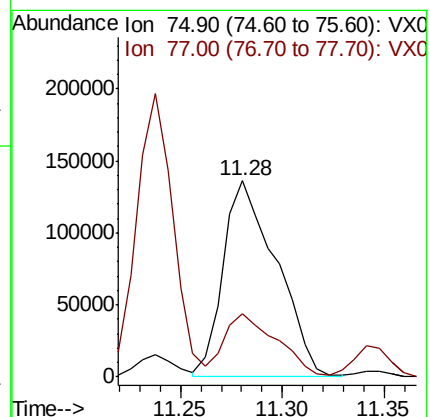
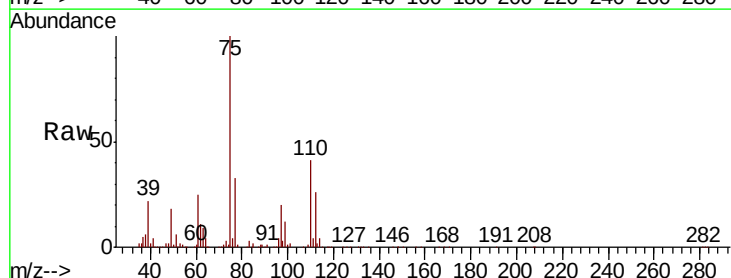
Acq: 04 Jun 2020 20:54

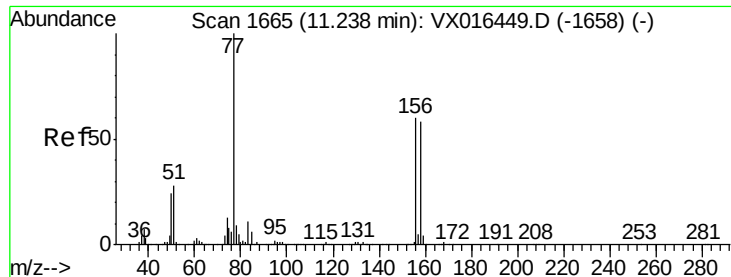
Tgt Ion: 75 Resp: 246896

Ion Ratio Lower Upper

75 100

77 31.8 21.3 63.7





#77

Bromobenzene

Concen: 50.030 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016596.D

Acq: 04 Jun 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

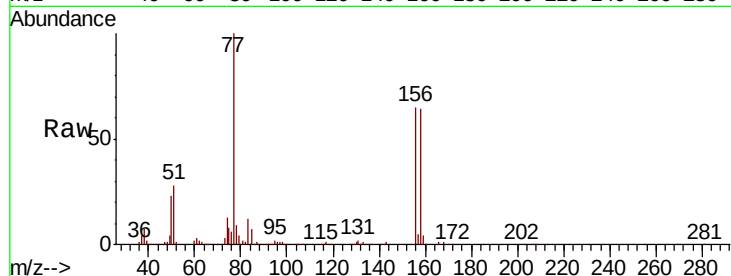
Tot Ion:156 Resp: 161153

Ion Ratio Lower Upper

156 100

77 152.1 79.6 238.8

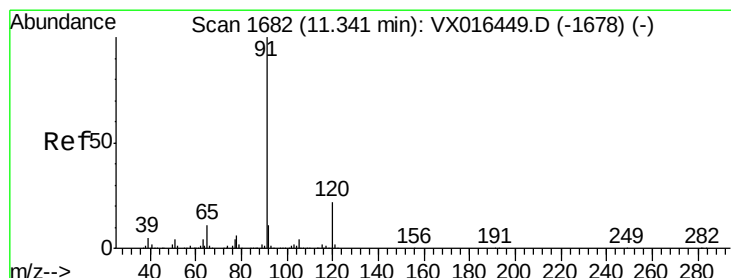
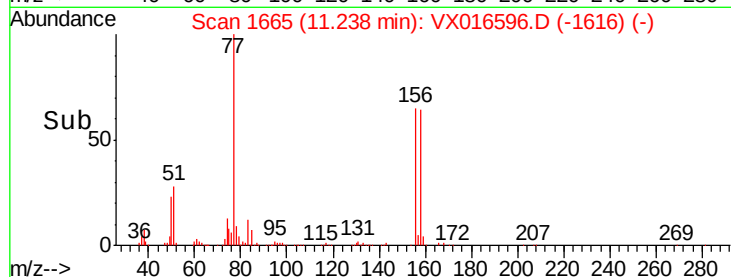
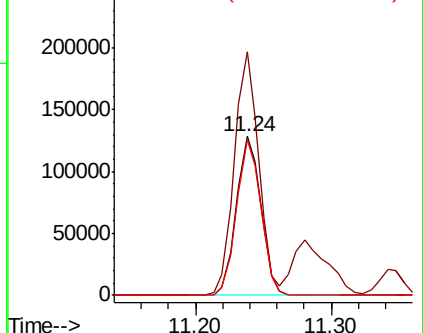
158 96.9 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.524 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016596.D

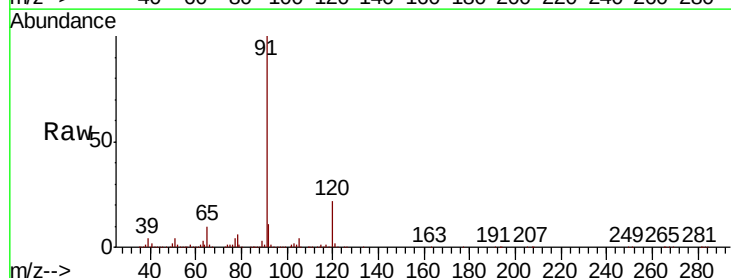
Acq: 04 Jun 2020 20:54

Tgt Ion: 91 Resp: 679513

Ion Ratio Lower Upper

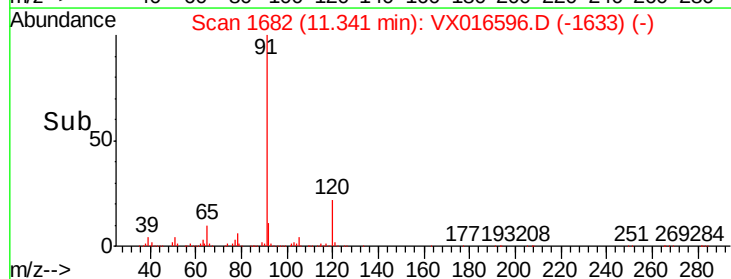
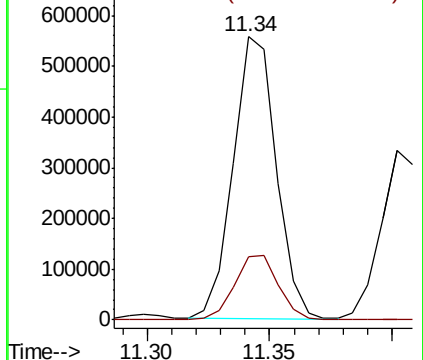
91 100

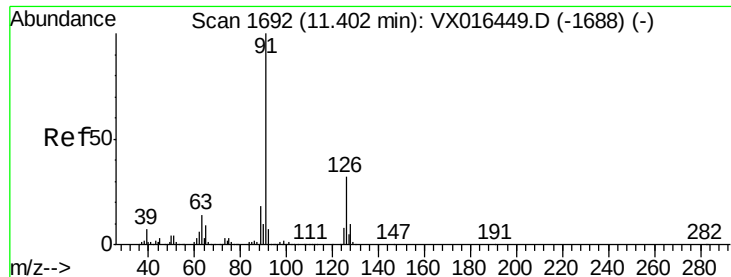
120 23.4 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

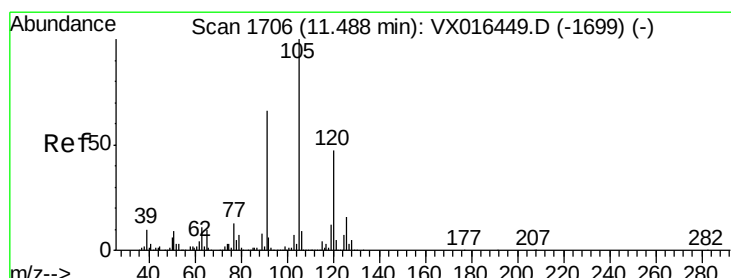
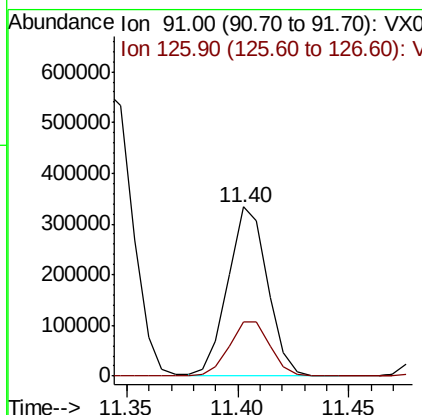
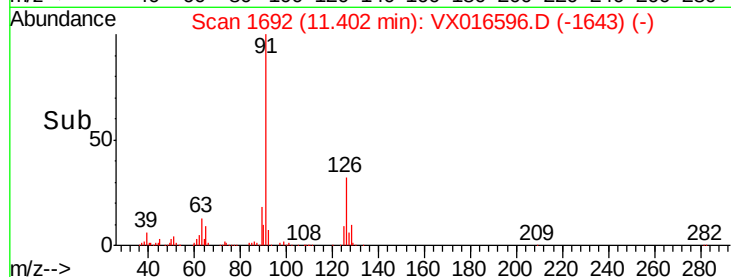
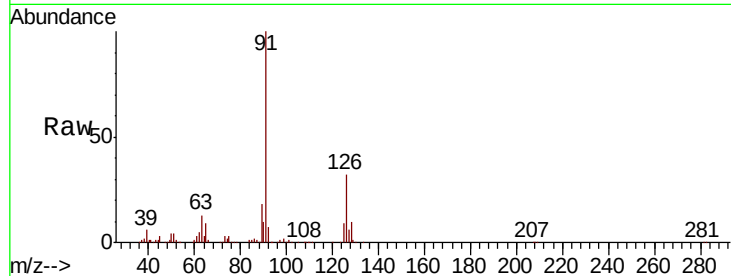




#79
 2-Chlorotoluene
 Concen: 49.344 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX016596.D
 Acq: 04 Jun 2020 20:54

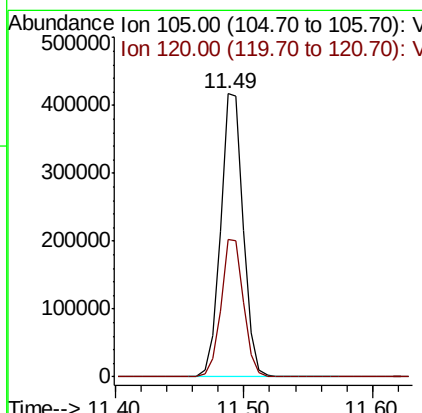
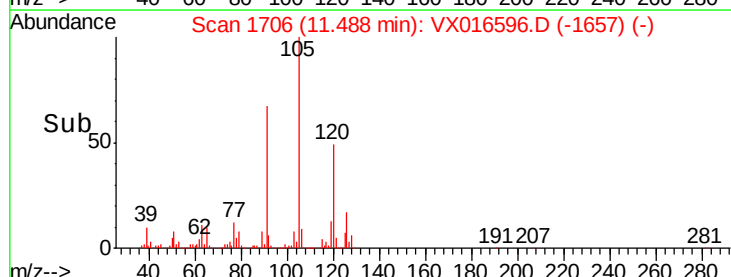
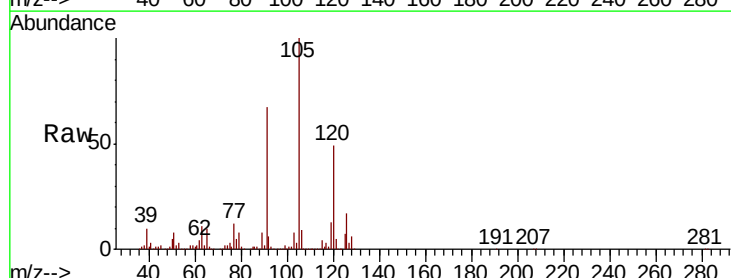
Instrument :
 MSVOA_X
 ClientSampleId :

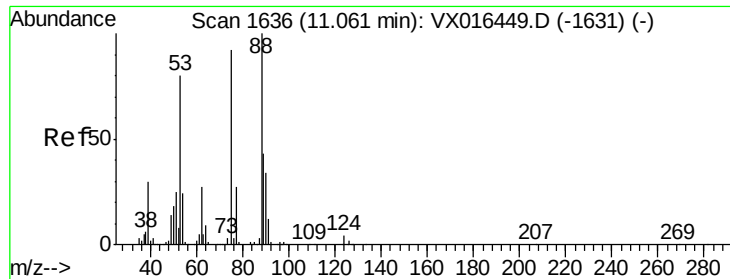
Tot Ion: 91 Resp: 413261
 Ion Ratio Lower Upper
 91 100
 126 33.8 16.8 50.3



#80
 1,3,5-Trimethylbenzene
 Concen: 50.476 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX016596.D
 Acq: 04 Jun 2020 20:54

Tgt Ion: 105 Resp: 517618
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.3 72.8

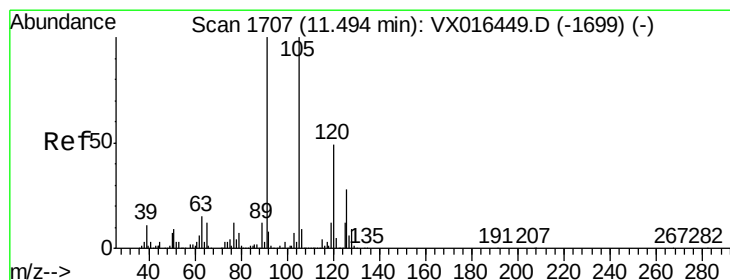
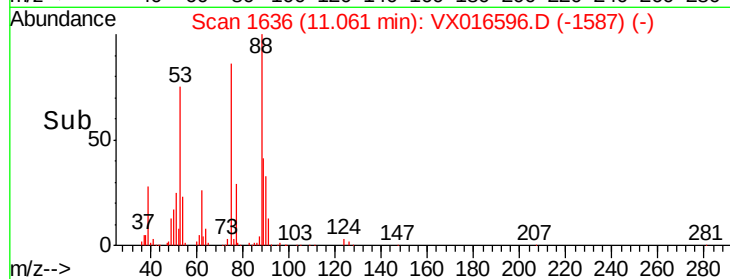
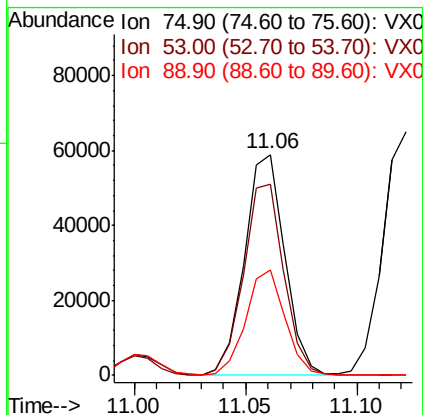
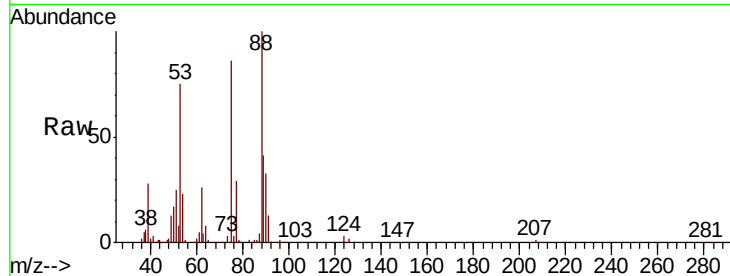




#81
trans-1,4-Dichloro-2-butene
Concen: 46.715 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016596.D
Acq: 04 Jun 2020 20:54

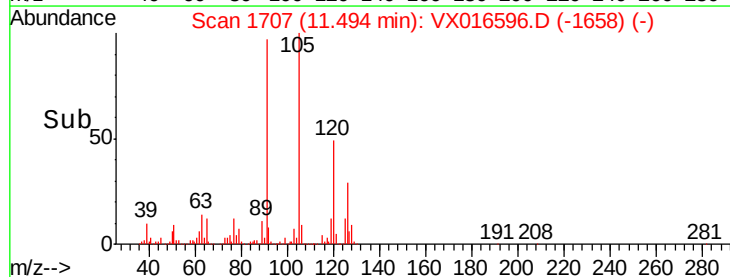
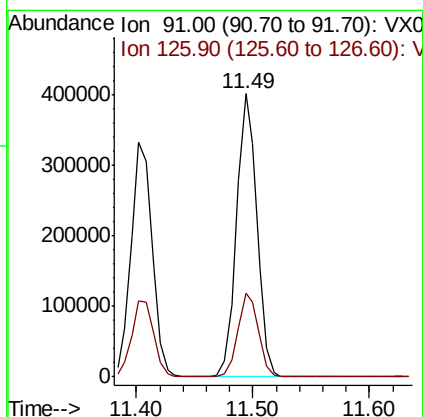
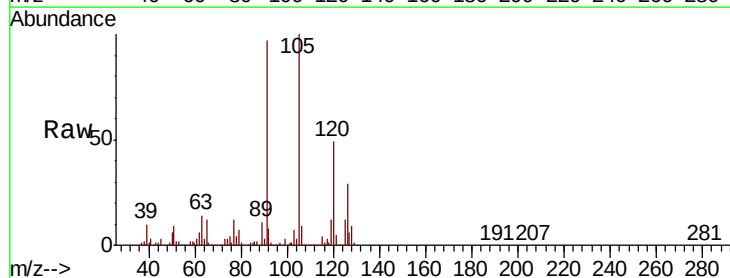
Instrument :
MSVOA_X
ClientSampleId :

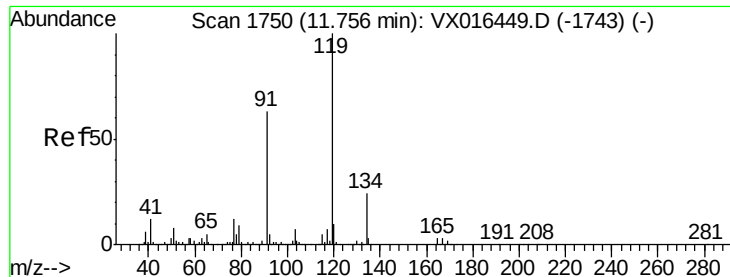
Tot Ion: 75 Resp: 73990
Ion Ratio Lower Upper
75 100
53 87.3 71.3 106.9
89 46.7 36.6 55.0



#82
4-Chlorotoluene
Concen: 49.748 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016596.D
Acq: 04 Jun 2020 20:54

Tgt Ion: 91 Resp: 492013
Ion Ratio Lower Upper
91 100
126 29.6 14.7 44.1

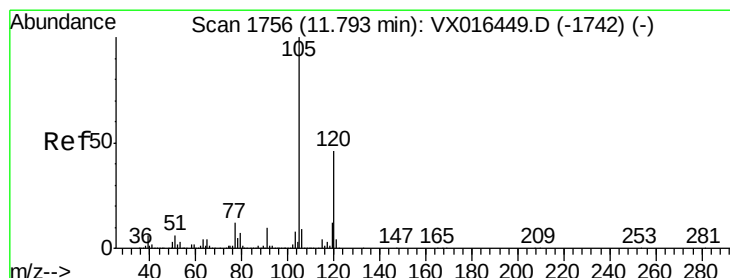
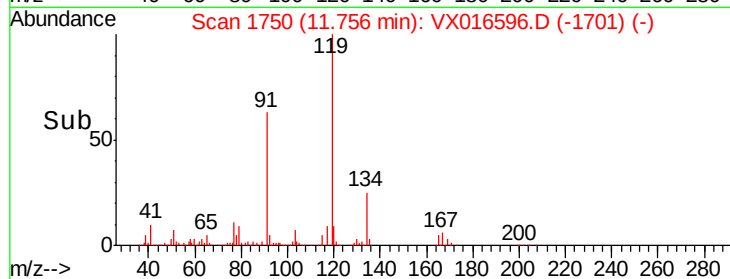
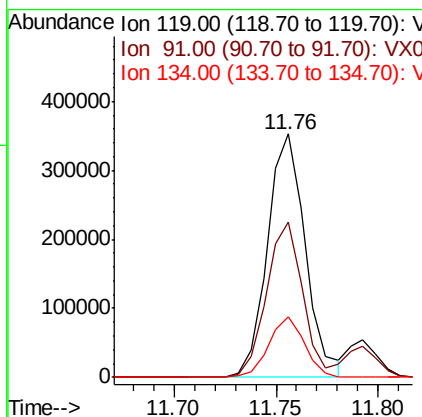
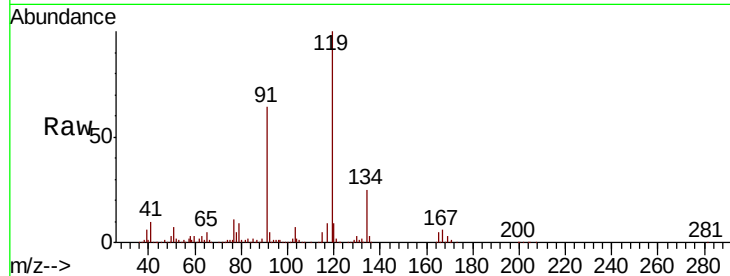




#83
 tert-Butylbenzene
 Concen: 52.097 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016596.D
 Acq: 04 Jun 2020 20:54

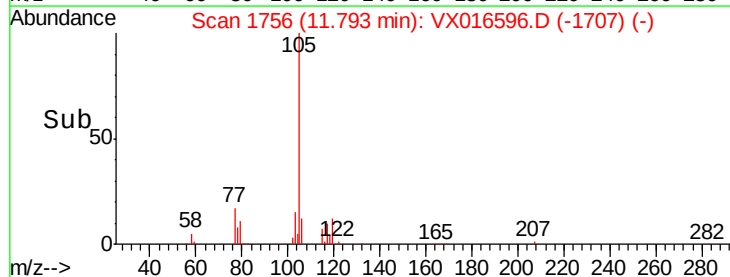
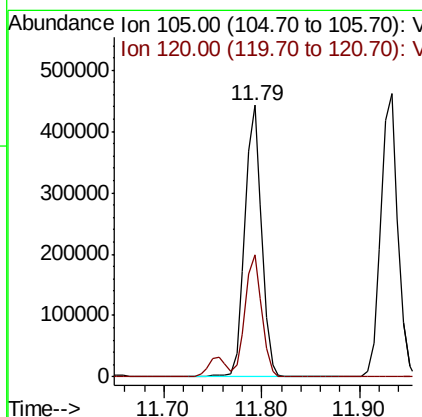
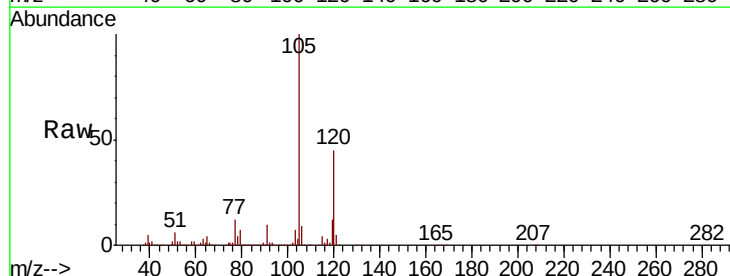
Instrument :
 MSVOA_X
 ClientSampleId :

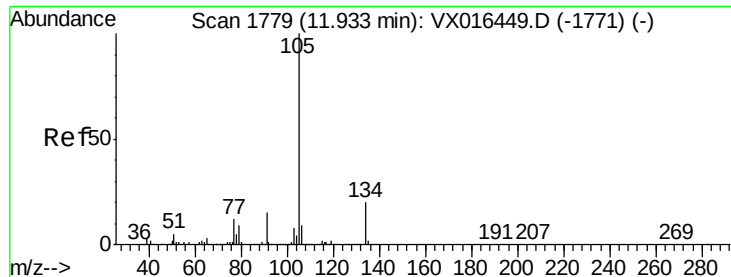
Tot Ion	Ratio	Lower	Upper
119	100		
91	60.5	31.3	93.8
134	23.4	12.0	36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 50.534 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016596.D
 Acq: 04 Jun 2020 20:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.6	67.7





#85

sec-Butylbenzene

Concen: 50.567 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016596.D

Acq: 04 Jun 2020 20:54

Instrument :

MSVOA_X

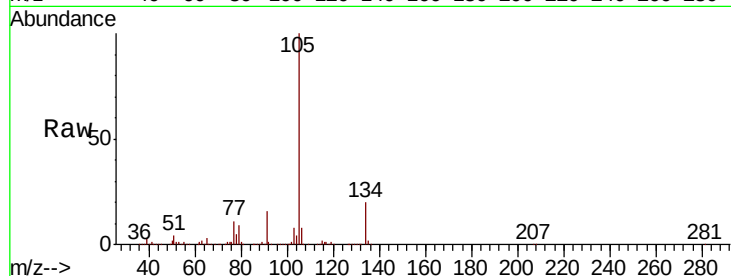
ClientSampleId :

Tot Ion:105 Resp: 555827

Ion Ratio Lower Upper

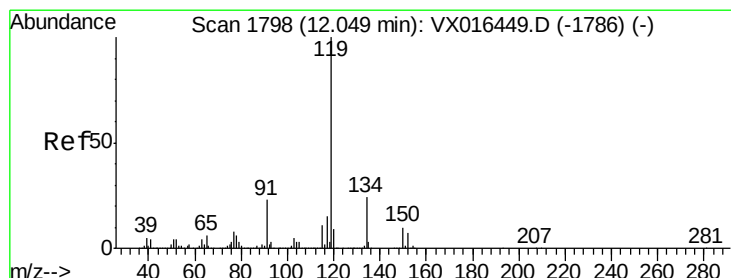
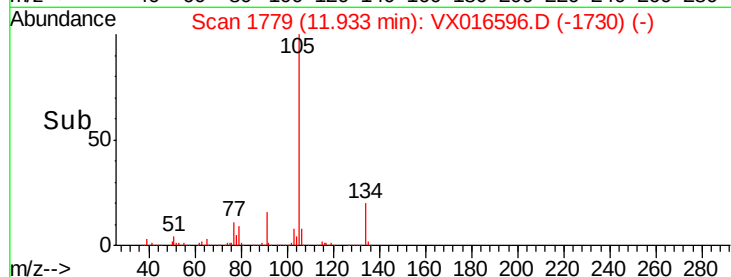
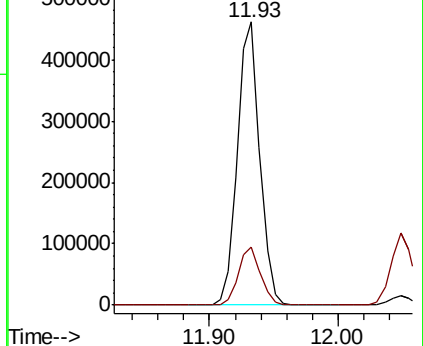
105 100

134 20.3 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.150 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016596.D

Acq: 04 Jun 2020 20:54

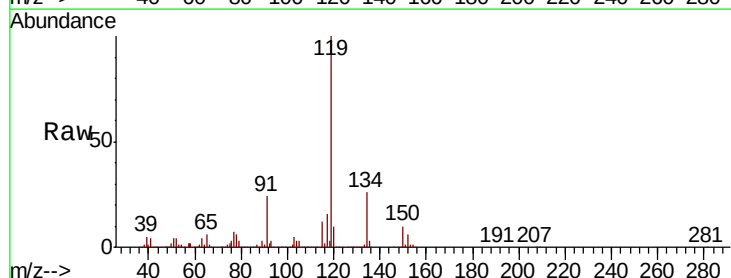
Tgt Ion:119 Resp: 526660

Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.0

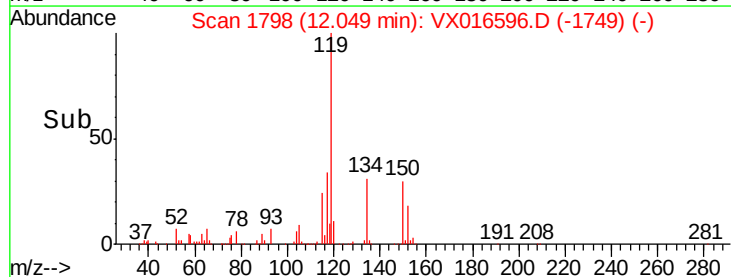
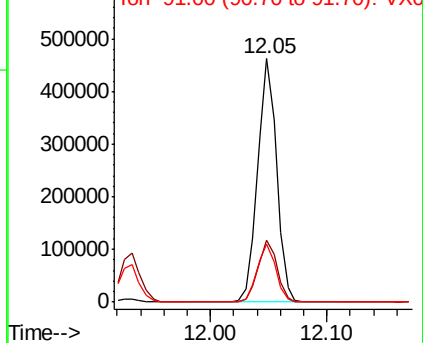
91 23.5 11.7 35.0

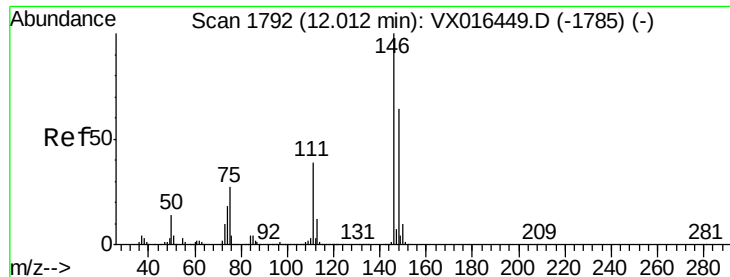


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

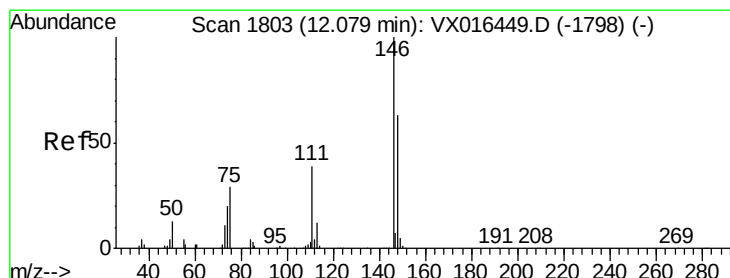
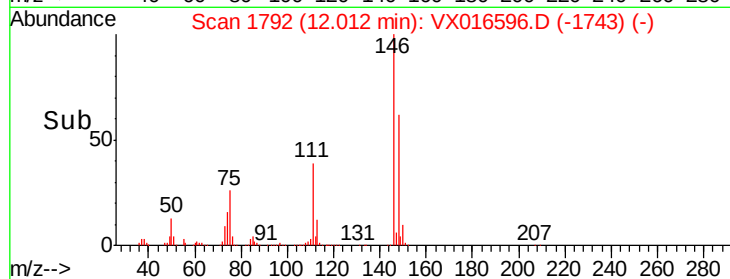
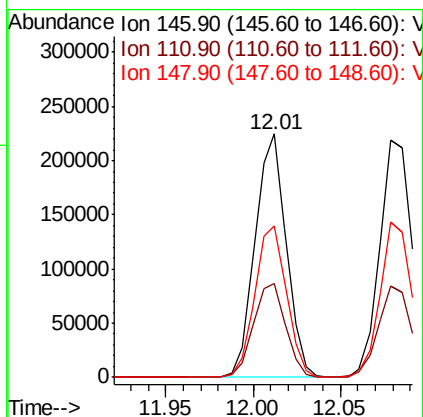
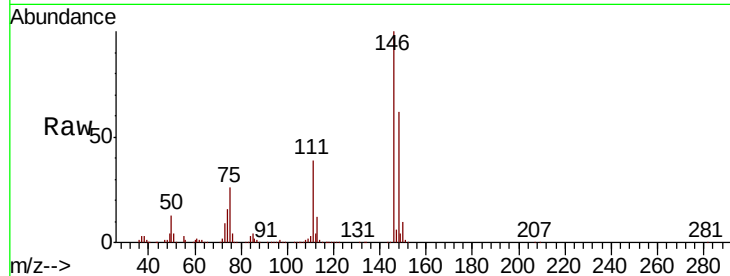




#87
 1,3-Dichlorobenzene
 Concen: 49.732 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016596.D
 Acq: 04 Jun 2020 20:54

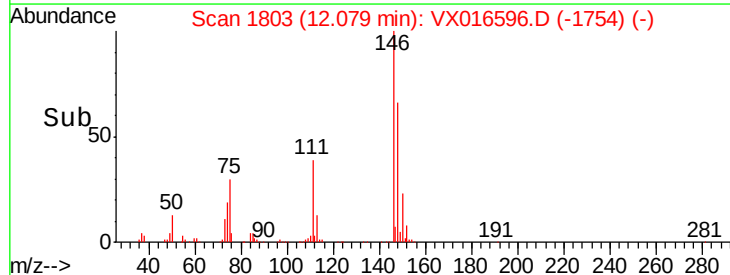
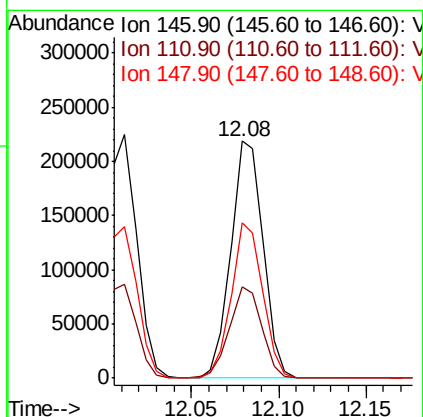
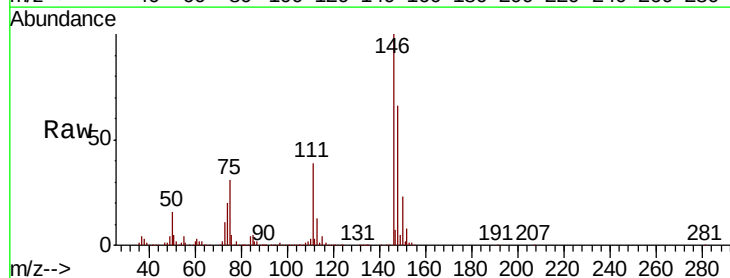
Instrument :
 MSVOA_X
 ClientSampleId :

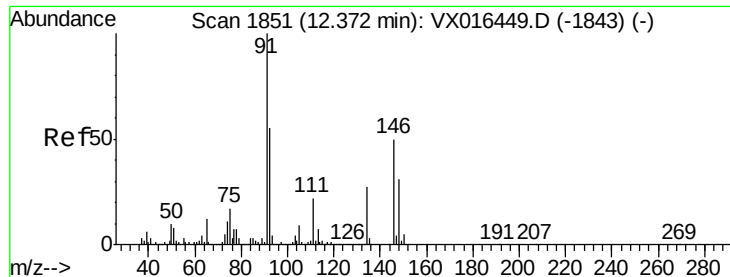
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.0	60.0
148	63.6	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 49.208 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016596.D
 Acq: 04 Jun 2020 20:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.4	58.2
148	63.8	31.4	94.3

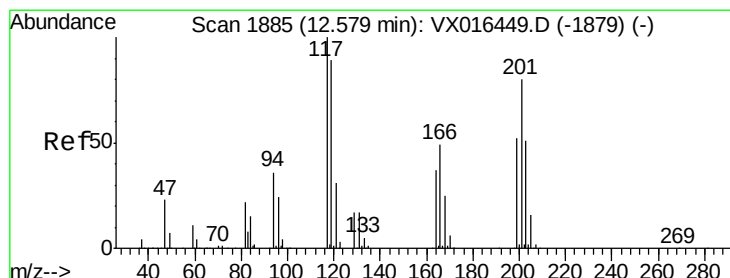
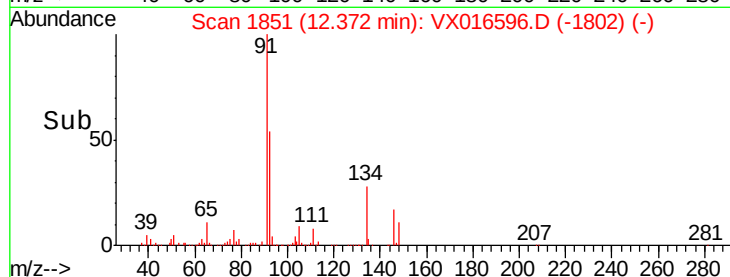
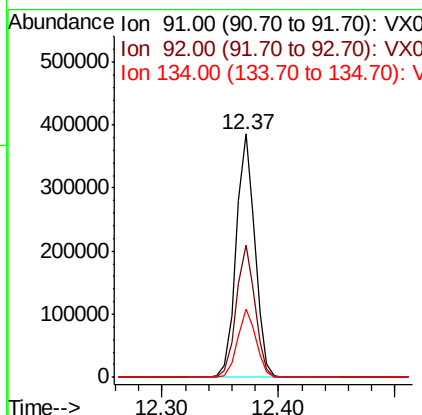
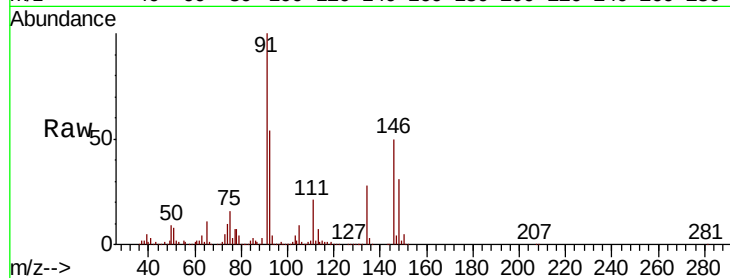




#89
n-Butylbenzene
Concen: 50.386 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016596.D
Acq: 04 Jun 2020 20:54

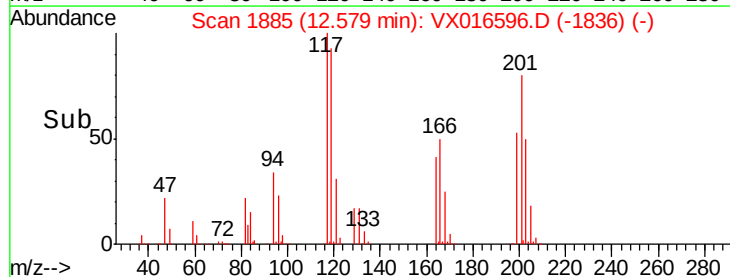
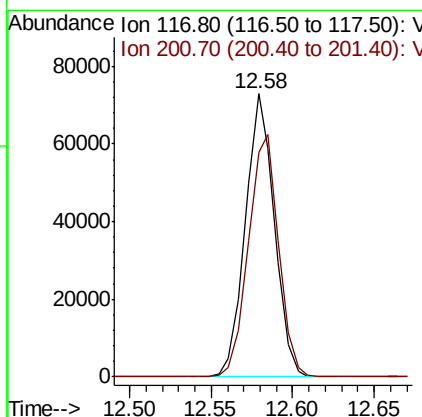
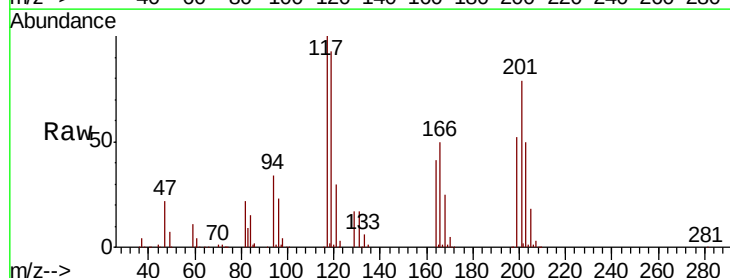
Instrument :
MSVOA_X
ClientSampled :

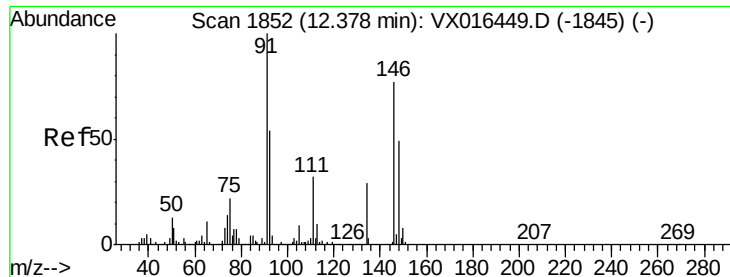
Tot Ion: 91 Resp: 432120
Ion Ratio Lower Upper
91 100
92 54.4 27.2 81.5
134 27.4 13.1 39.3



#90
Hexachloroethane
Concen: 50.823 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016596.D
Acq: 04 Jun 2020 20:54

Tgt Ion: 117 Resp: 90388
Ion Ratio Lower Upper
117 100
201 88.7 43.1 129.3

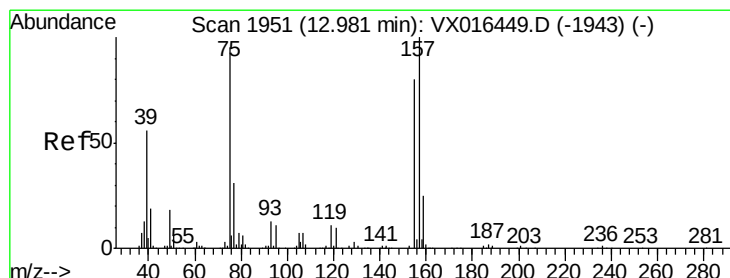
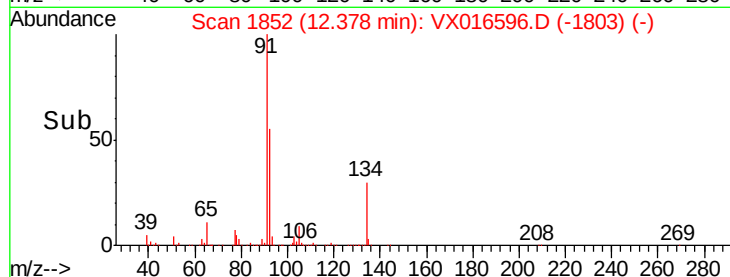
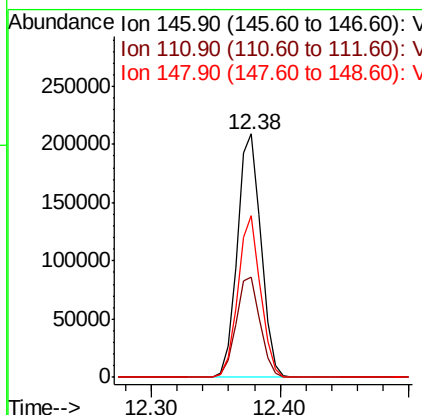
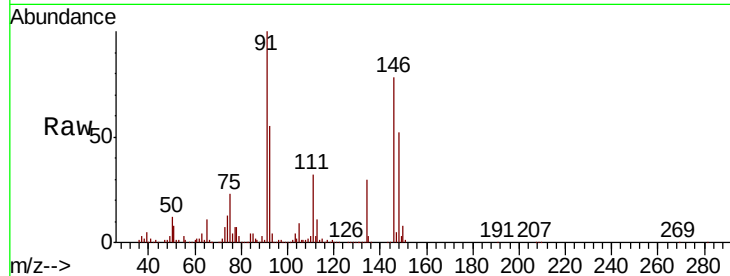




#91
 1,2-Dichlorobenzene
 Concen: 49.209 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016596.D
 Acq: 04 Jun 2020 20:54

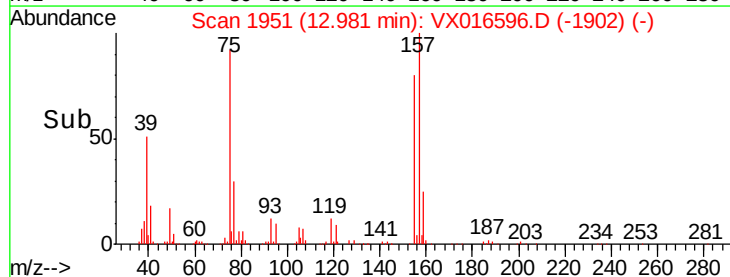
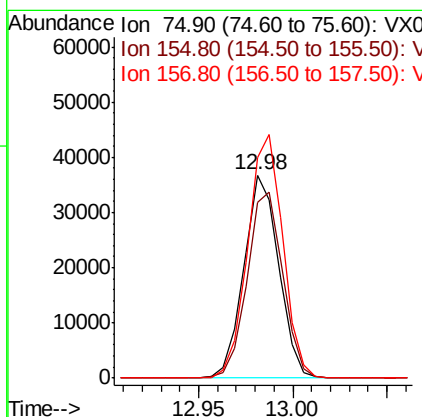
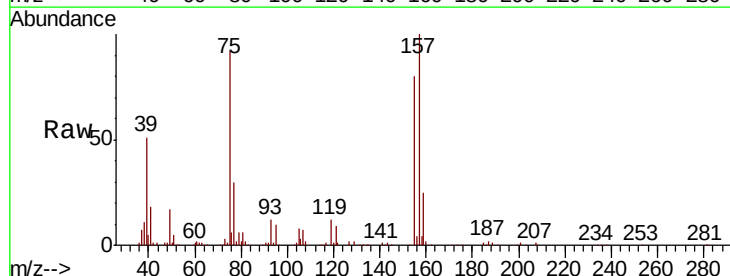
Instrument :
 MSVOA_X
 ClientSampled :

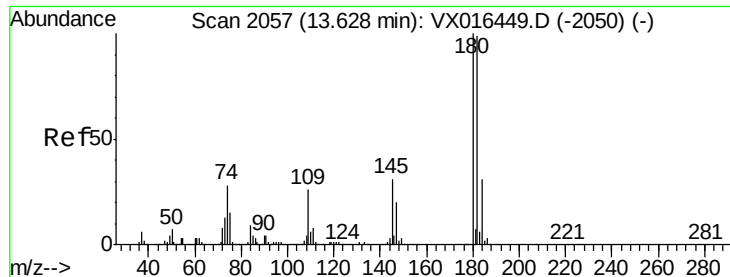
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.4	64.3
148	63.3	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.152 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016596.D
 Acq: 04 Jun 2020 20:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.9	44.1	132.4
157	120.8	57.8	173.3

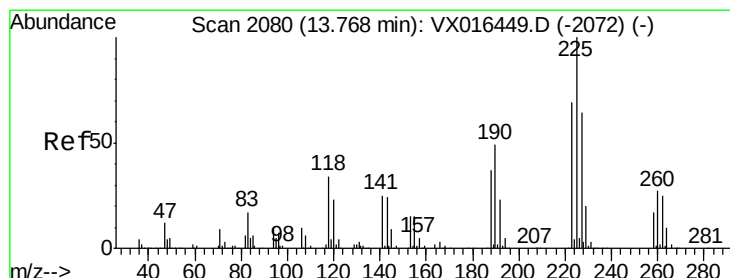
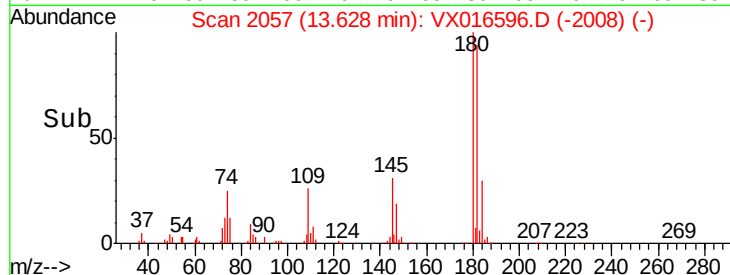
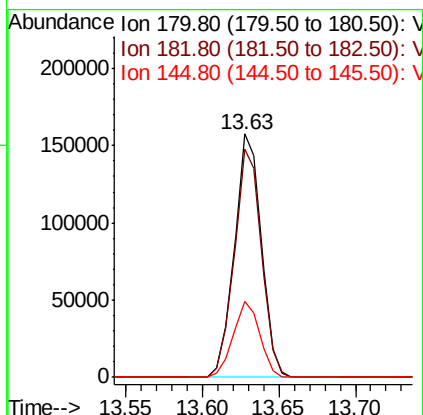
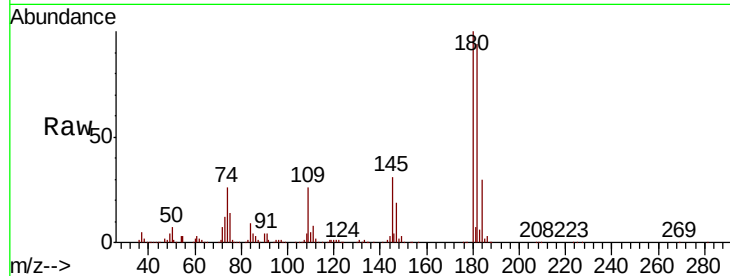




#93
 1,2,4-Trichlorobenzene
 Concen: 53.288 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016596.D
 Acq: 04 Jun 2020 20:54

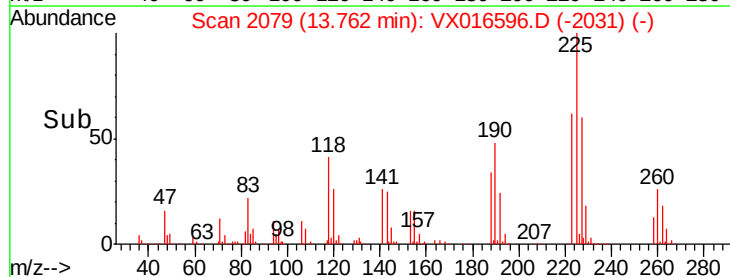
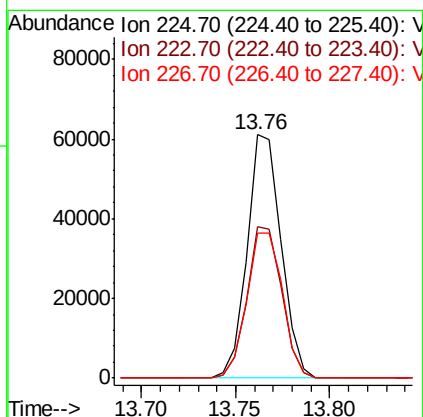
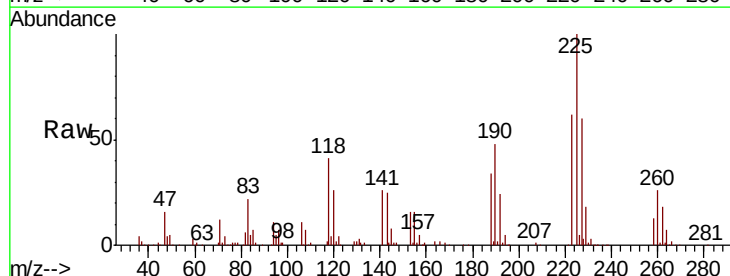
Instrument :
 MSVOA_X
 ClientSampleId :

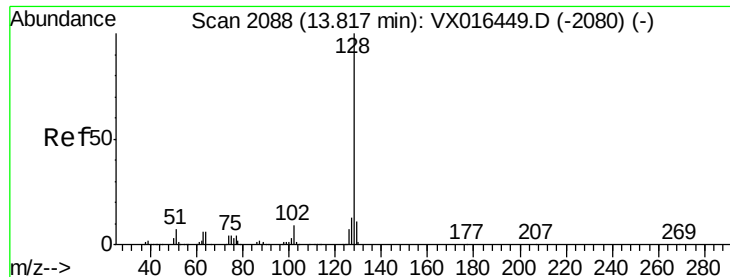
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.3	144.8
145	30.8	15.4	46.2



#94
 Hexachlorobutadiene
 Concen: 54.283 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016596.D
 Acq: 04 Jun 2020 20:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	32.3	96.8
227	62.9	31.6	94.7





#95

Naphthalene

Concen: 51.432 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016596.D

Acq: 04 Jun 2020 20:54

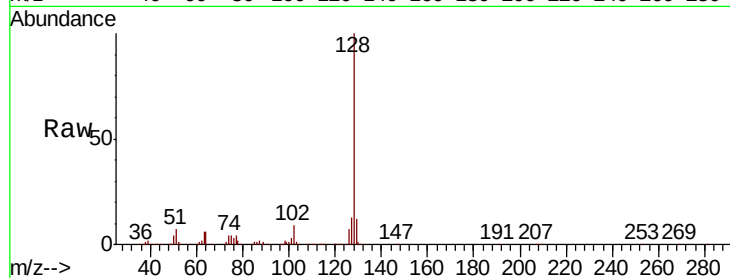
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 633110

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	10.9	8.6	13.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

13.82

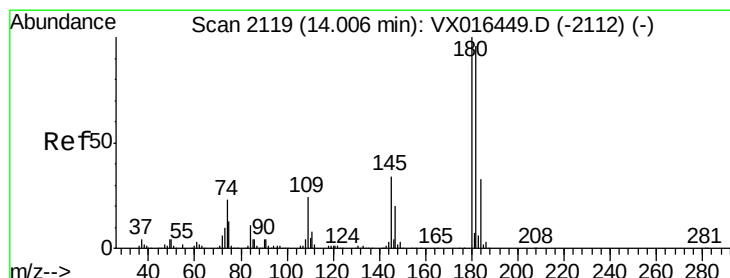
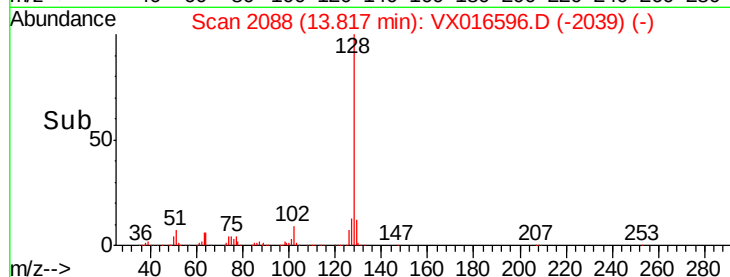
600000

400000

200000

0

Time--> 13.70 13.80 13.90



#96

1,2,3-Trichlorobenzene

Concen: 51.897 ug/l

RT: 14.01 min Scan# 2119

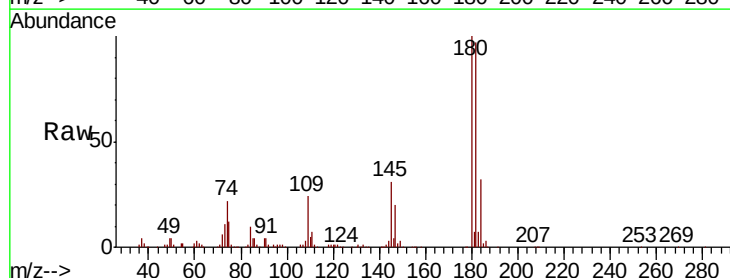
Delta R.T. -0.00 min

Lab File: VX016596.D

Acq: 04 Jun 2020 20:54

Tgt Ion:180 Resp: 182568

Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.6	145.8
145	32.1	16.6	49.8



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

14.01

200000

150000

100000

50000

0

Time--> 13.90 14.00 14.10

