

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052120\
 Data File : VX016384.D
 Acq On : 21 May 2020 15:26
 Operator : JC/SP
 Sample : L2684-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 22 07:40:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	232356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	375821	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	364096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	188921	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	132446	43.32	ug/l	0.00
Spiked Amount 50.000			Recovery =	86.64%		
35) Dibromofluoromethane	5.47	113	109063	45.81	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.62%		
50) Toluene-d8	8.70	98	466268	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.64%		
62) 4-Bromofluorobenzene	11.12	95	184395	52.84	ug/l	0.00
Spiked Amount 50.000			Recovery =	105.68%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	893	0.313	ug/l #	80
11) Tert butyl alcohol	3.00	59	800	1.035	ug/l #	72
13) Acrolein	2.25	56	7137	14.751	ug/l #	1
14) Allyl chloride	2.76	41	7390	1.669	ug/l #	57
15) Acrylonitrile	3.15	53	1712	1.067	ug/l #	44
16) Acetone	2.42	43	50663	37.136	ug/l	91
18) Methyl Acetate	2.75	43	4607	1.373	ug/l #	54
23) Vinyl Acetate	3.79	43	2148	0.292	ug/l #	71
25) 2-Butanone	4.64	43	5898	2.683	ug/l #	87
30) Chloroform	5.25	83	3654	0.785	ug/l #	18
31) Cyclohexane	5.56	56	26604	6.263	ug/l	97
36) 1,1-Dichloropropene	5.64	75	15933	4.307	ug/l #	49
37) Ethyl Acetate	4.64	43	5898	1.376	ug/l #	67
38) Carbon Tetrachloride	5.64	117	21718	5.776	ug/l #	14
39) Methylcyclohexane	7.45	83	12867	2.888	ug/l	97
48) Methyl methacrylate	7.71	41	1543	0.476	ug/l #	58
51) 4-Methyl-2-Pentanone	8.62	43	3604	0.861	ug/l	91
52) Toluene	8.77	92	669104	99.171	ug/l	100
53) t-1,3-Dichloropropene	8.77	75	6839	1.513	ug/l #	1
55) 1,1,2-Trichloroethane	9.15	97	870	0.328	ug/l #	21
67) Ethyl Benzene	10.24	91	966102	71.023	ug/l	100
68) m/p-Xylenes	10.34	106	1129056	221.539	ug/l	100
69) o-Xylene	10.68	106	489727	99.967	ug/l	99
70) Styrene	10.68	104	25927	3.120	ug/l #	1
73) Isopropylbenzene	11.01	105	63902	4.650	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.34	83	19	2.056	ug/l #	1
76) 1,2,3-Trichloropropane	11.42	75	5456	1.273	ug/l #	1
78) n-propylbenzene	11.34	91	169214	10.585	ug/l	100
79) 2-Chlorotoluene	11.42	91	80199	8.499	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.49	105	156947	13.528	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.12	75	88667	49.288	ug/l #	13
82) 4-Chlorotoluene	11.49	91	15932	1.430	ug/l #	46
83) tert-Butylbenzene	11.79	119	73324	7.333	ug/l #	70
84) 1,2,4-Trimethylbenzene	11.79	105	602595	51.374	ug/l	100

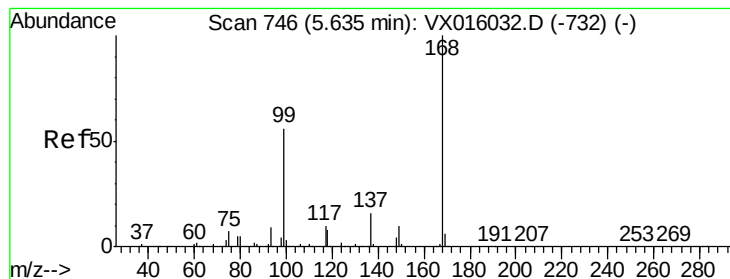
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052120\
Data File : VX016384.D
Acq On : 21 May 2020 15:26
Operator : JC/SP
Sample : L2684-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 22 07:40:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.79	105	602595	44.637	ug/l #	56
86) p-Isopropyltoluene	12.01	119	12848	1.025	ug/l	97
89) n-Butylbenzene	12.37	91	16102	1.406	ug/l #	28
90) Hexachloroethane	12.65	117	4068	1.890	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	13.01	75	293	0.259	ug/l #	1
94) Hexachlorobutadiene	13.76	225	105	0.577	ug/l	83
95) Naphthalene	13.82	128	84904	5.776	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016384.D

Acq: 21 May 2020 15:26

Instrument :

MSVOA_X

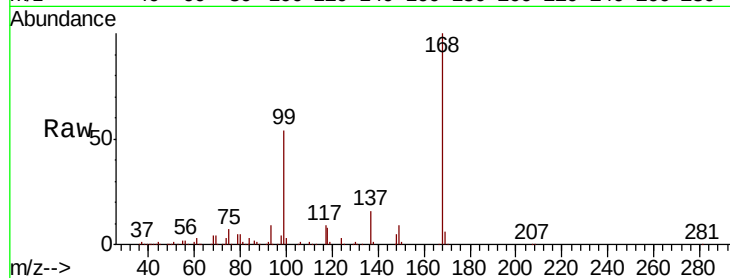
ClientSampleId :

Tot Ion:168 Resp: 232356

Ion Ratio Lower Upper

168 100

99 53.7 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

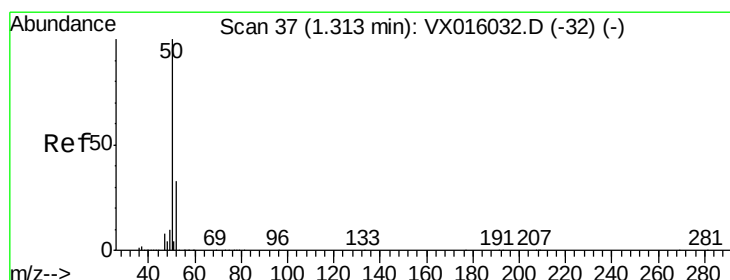
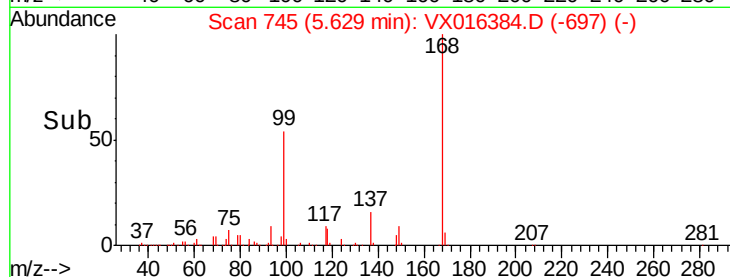
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#3

Chloromethane

Concen: 0.313 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016384.D

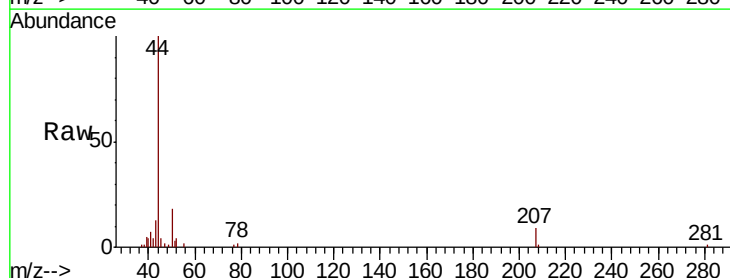
Acq: 21 May 2020 15:26

Tgt Ion: 50 Resp: 893

Ion Ratio Lower Upper

50 100

52 21.3 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

1000

800

600

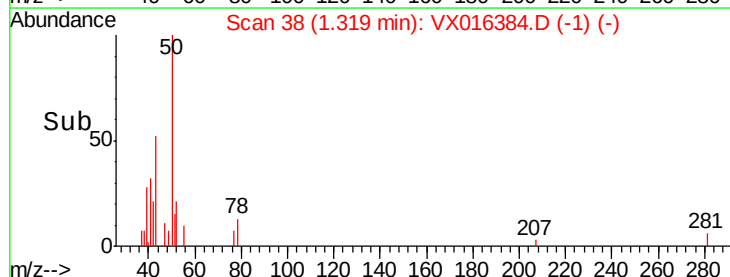
400

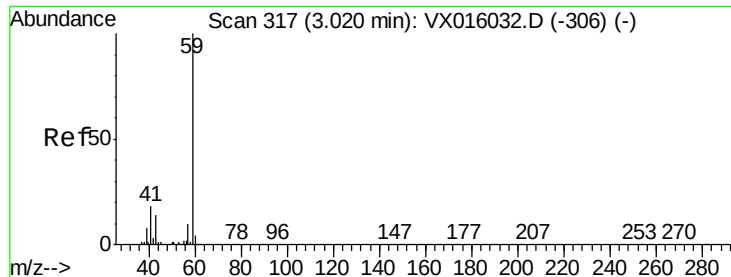
200

0

1.28 1.30 1.32 1.34

Time-->





#11

Tert butyl alcohol

Concen: 1.035 ug/l

RT: 3.00 min Scan# 314

Delta R.T. -0.02 min

Lab File: VX016384.D

Acq: 21 May 2020 15:26

Instrument :

MSVOA_X

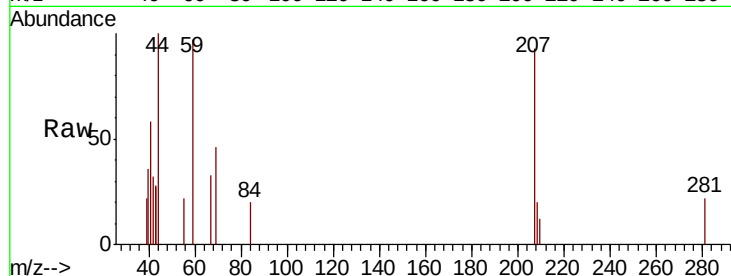
ClientSampleId :

Tot Ion: 59 Resp: 800

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.00

400

300

200

100

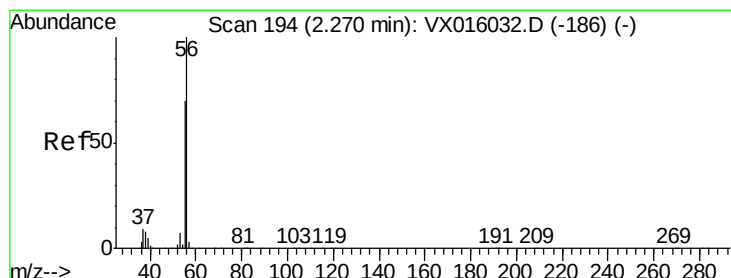
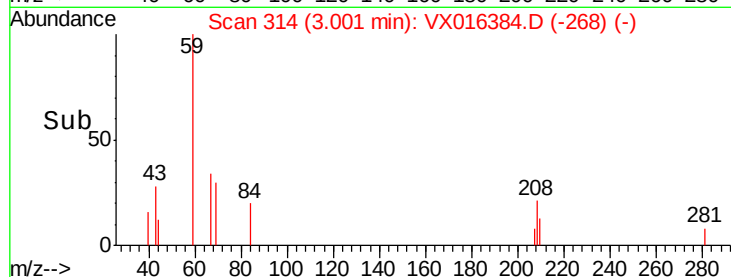
0

2.95

3.00

3.05

Time-->



#13

Acrolein

Concen: 14.751 ug/l

RT: 2.25 min Scan# 191

Delta R.T. -0.02 min

Lab File: VX016384.D

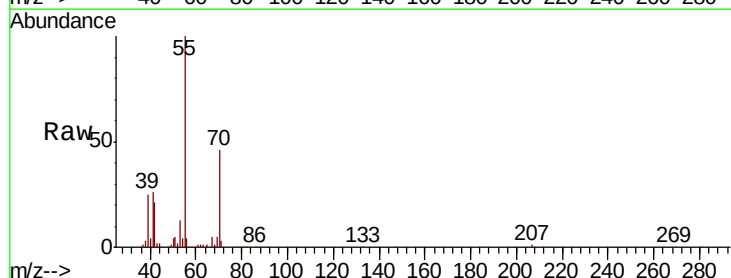
Acq: 21 May 2020 15:26

Tgt Ion: 56 Resp: 7137

Ion Ratio Lower Upper

56 100

55 2041.7 56.5 84.7#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

100000

80000

60000

40000

20000

0

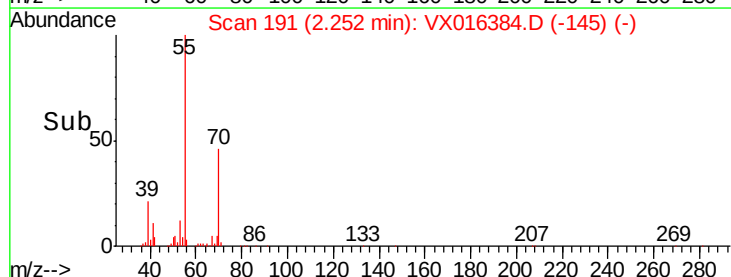
2.20

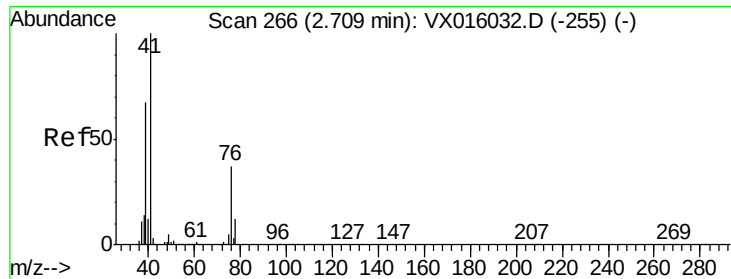
2.25

2.30

2.35

Time-->

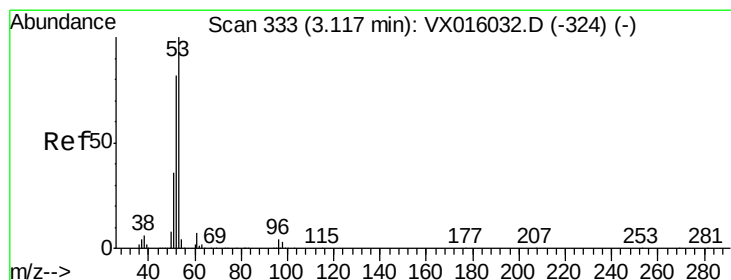
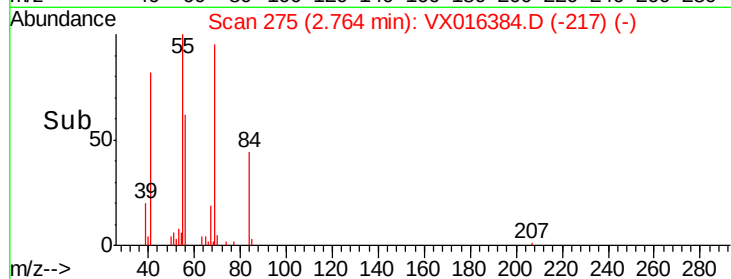
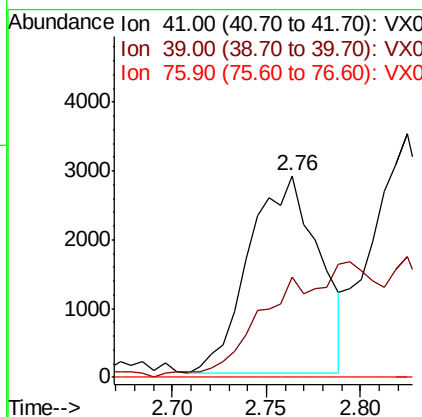
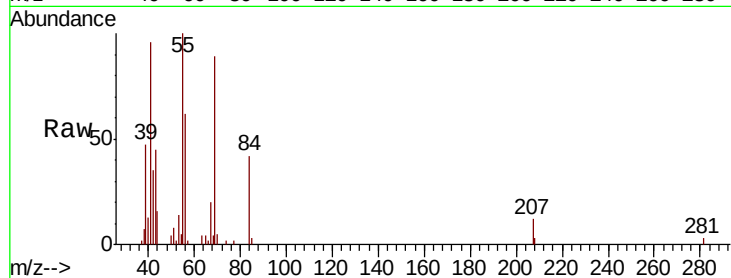




#14
Allvl chloride
Concen: 1.669 ug/l
RT: 2.76 min Scan# 275
Delta R.T. 0.05 min
Lab File: VX016384.D
Acq: 21 May 2020 15:26

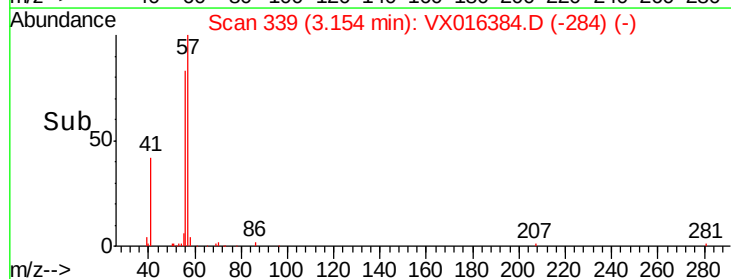
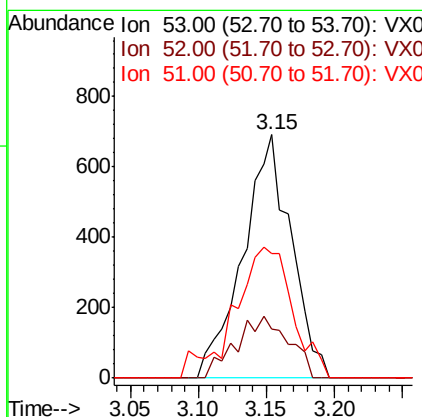
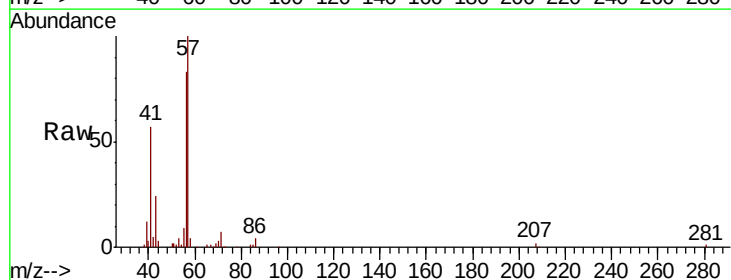
Instrument :
MSVOA_X
ClientSampleId :

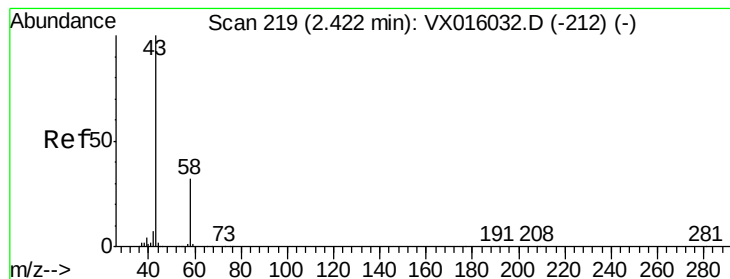
Tot Ion: 41 Resp: 7390
Ion Ratio Lower Upper
41 100
39 36.3 50.5 75.7#
76 0.0 26.6 40.0#



#15
Acrylonitrile
Concen: 1.067 ug/l
RT: 3.15 min Scan# 339
Delta R.T. 0.04 min
Lab File: VX016384.D
Acq: 21 May 2020 15:26

Tgt Ion: 53 Resp: 1712
Ion Ratio Lower Upper
53 100
52 27.6 66.1 99.1#
51 60.9 28.8 43.2#





#16

Acetone

Concen: 37.136 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016384.D

Acq: 21 May 2020 15:26

Instrument :

MSVOA_X

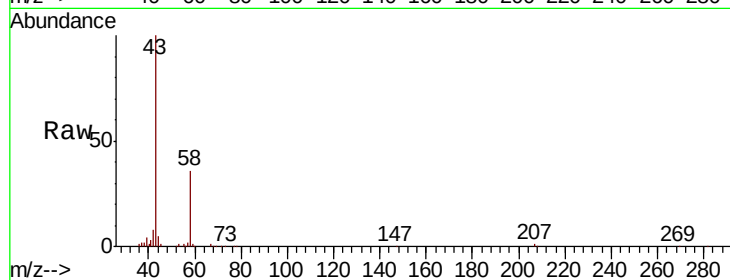
ClientSampleId :

Tot Ion: 43 Resp: 50663

Ion Ratio Lower Upper

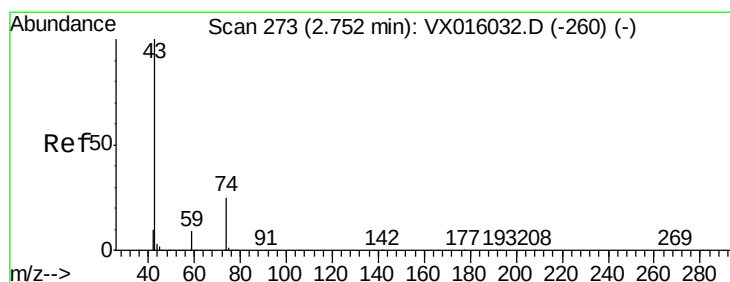
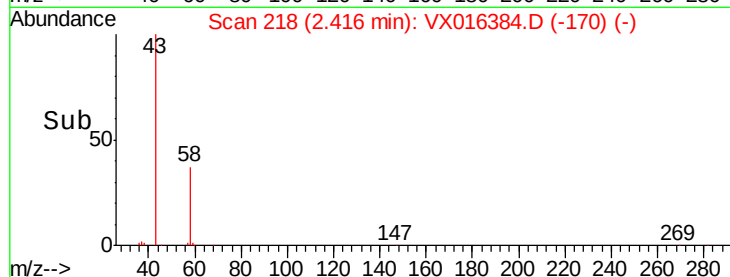
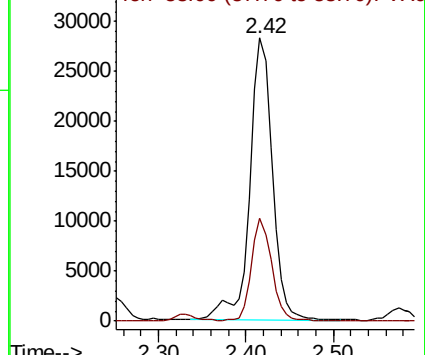
43 100

58 36.6 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 1.373 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016384.D

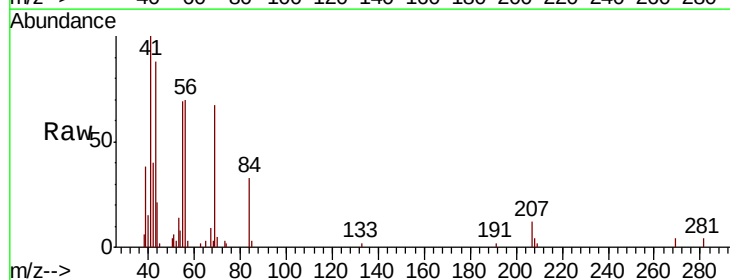
Acq: 21 May 2020 15:26

Tgt Ion: 43 Resp: 4607

Ion Ratio Lower Upper

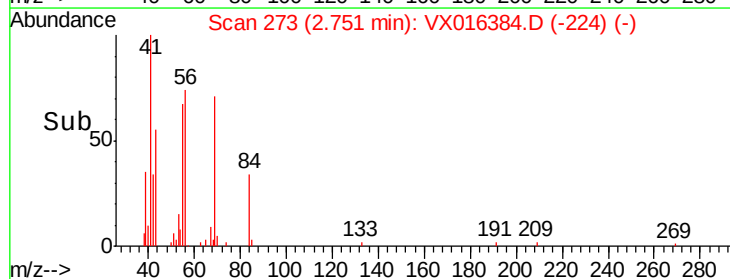
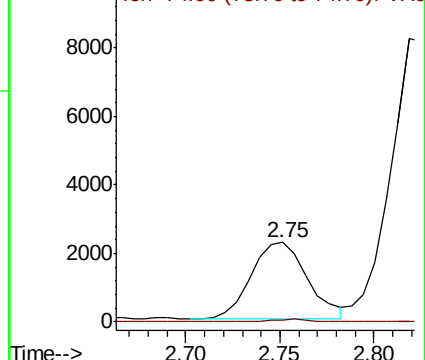
43 100

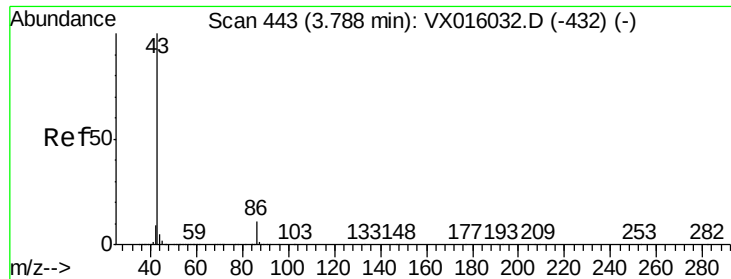
74 2.0 20.2 30.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#23

Vinyl Acetate

Concen: 0.292 ug/l

RT: 3.79 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX016384.D

Acq: 21 May 2020 15:26

Instrument :

MSVOA_X

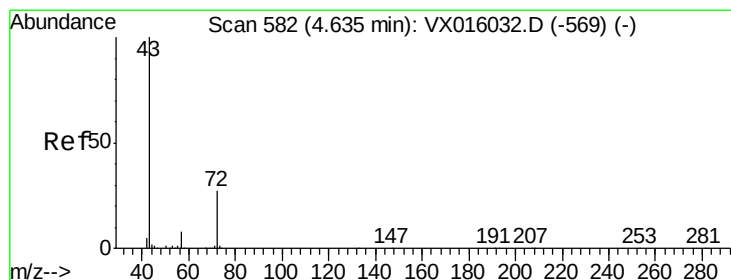
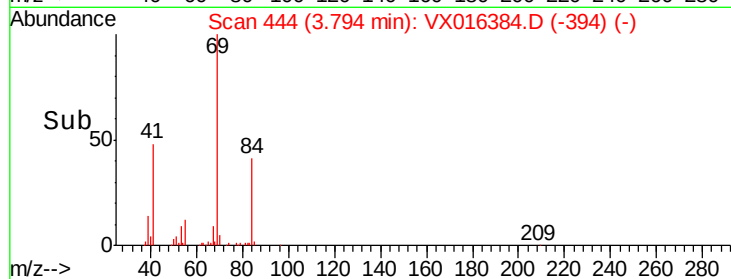
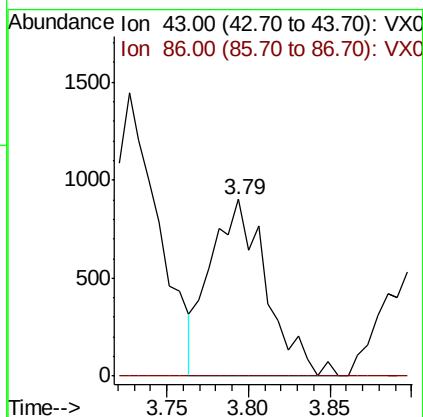
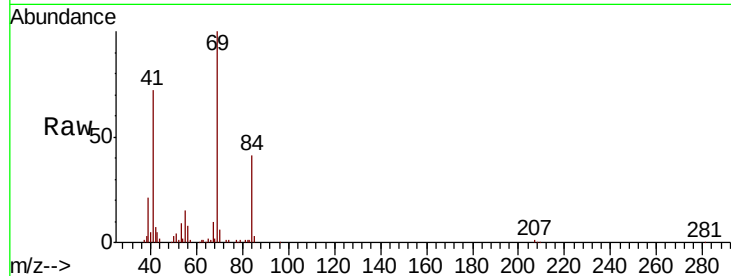
ClientSampleId :

Tot Ion: 43 Resp: 2148

Ion Ratio Lower Upper

43 100

86 0.0 9.0 13.4#



#25

2-Butanone

Concen: 2.683 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016384.D

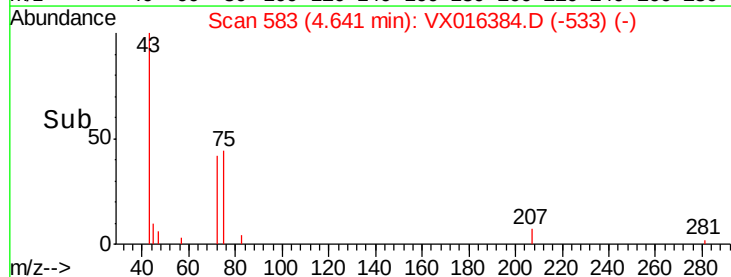
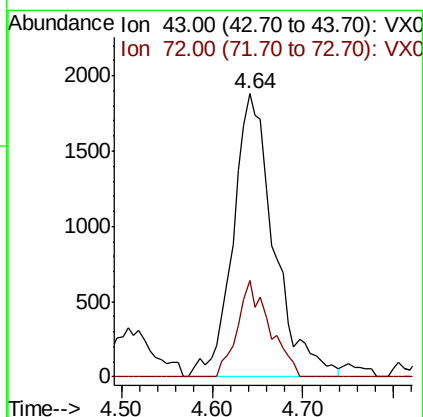
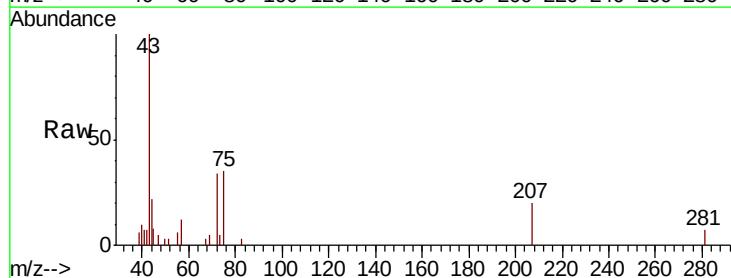
Acq: 21 May 2020 15:26

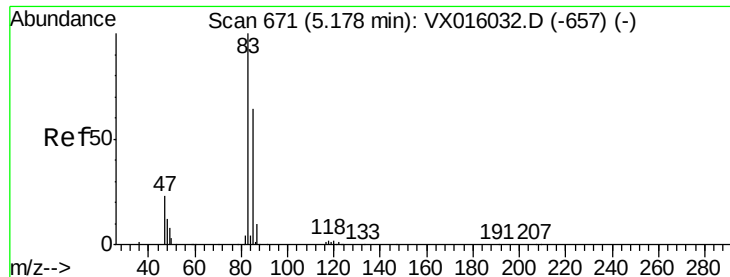
Tgt Ion: 43 Resp: 5898

Ion Ratio Lower Upper

43 100

72 34.0 21.8 32.8#

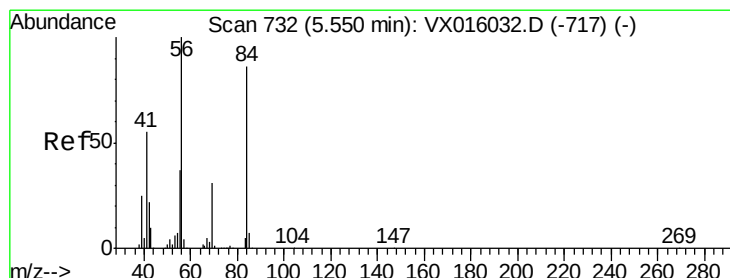
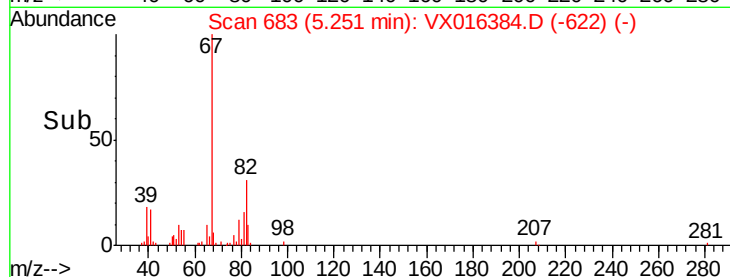
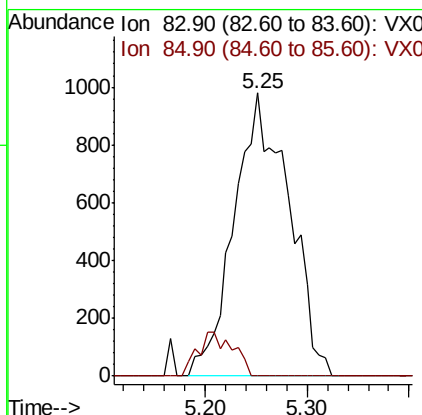
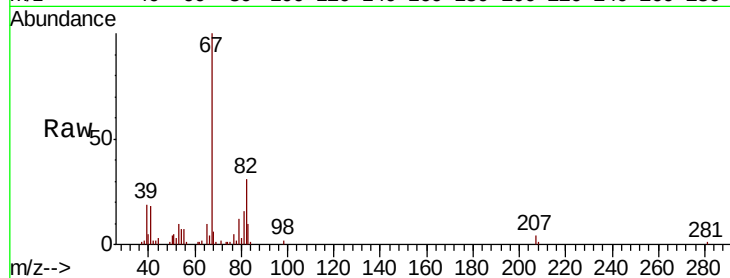




#30
Chloroform
Concen: 0.785 ug/l
RT: 5.25 min Scan# 683
Delta R.T. 0.07 min
Lab File: VX016384.D
Acq: 21 May 2020 15:26

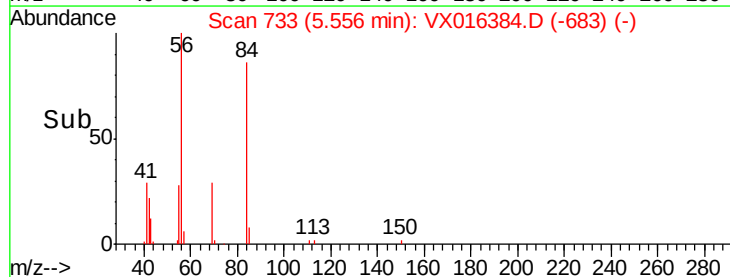
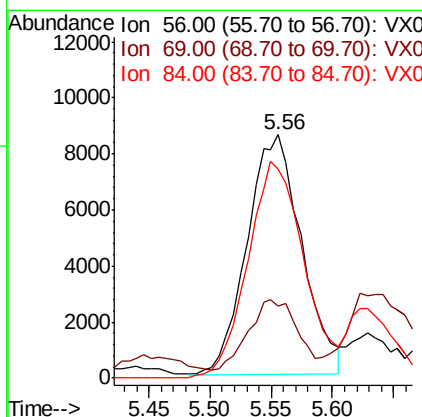
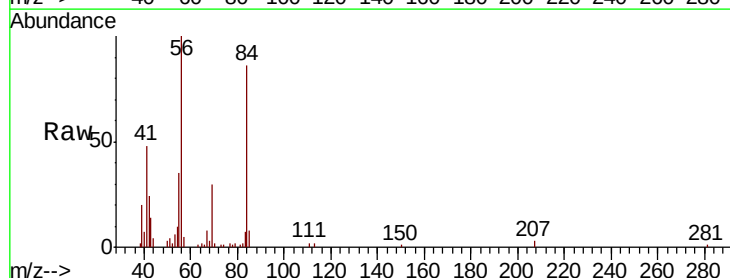
Instrument :
MSVOA_X
ClientSampled :

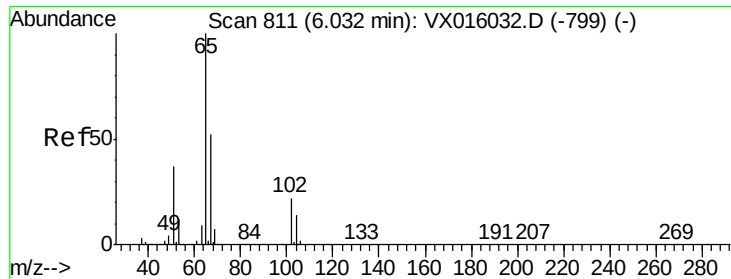
Tot Ion: 83 Resp: 3654
Ion Ratio Lower Upper
83 100
85 0.0 51.6 77.4#



#31
Cyclohexane
Concen: 6.263 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX016384.D
Acq: 21 May 2020 15:26

Tgt Ion: 56 Resp: 26604
Ion Ratio Lower Upper
56 100
69 25.2 25.0 37.6
84 87.0 69.0 103.6

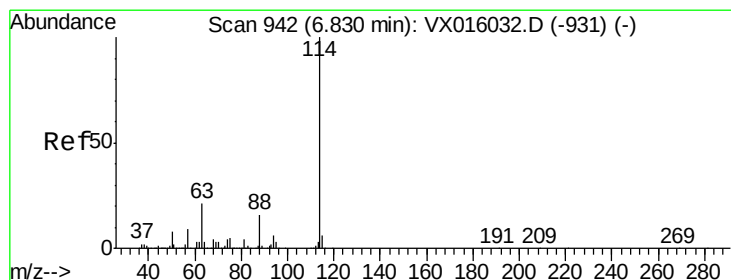
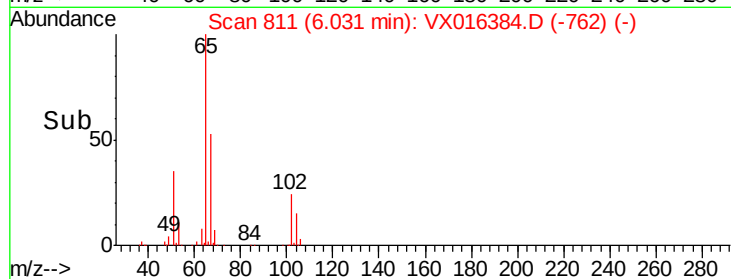
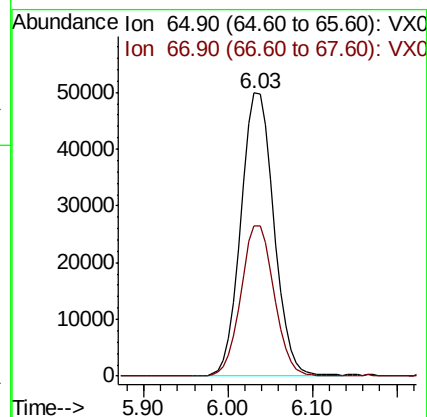
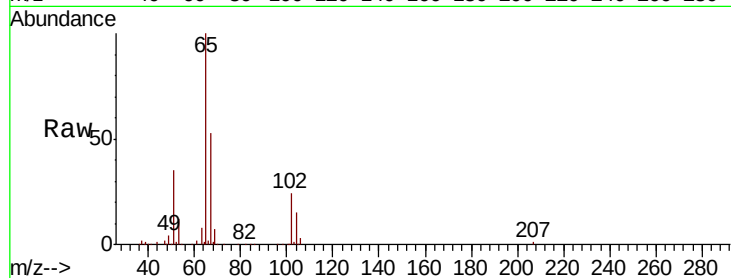




#33
 1,2-Dichloroethane-d4
 Concen: 43.317 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016384.D
 Acq: 21 May 2020 15:26

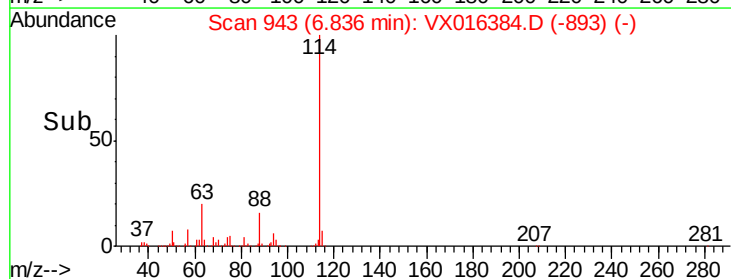
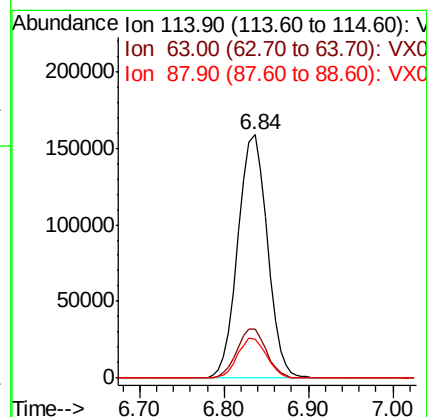
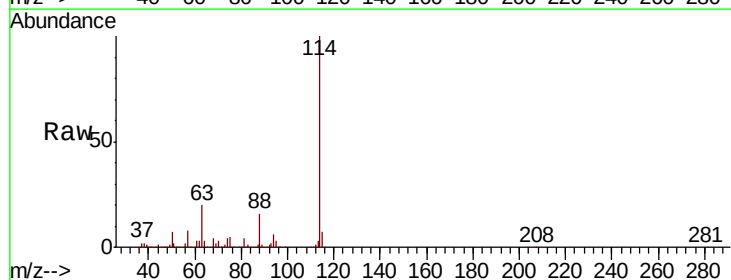
Instrument :
 MSVOA_X
 ClientSampled :

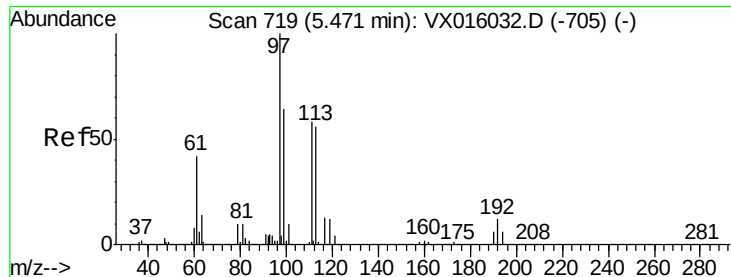
Tot Ion: 65 Resp: 132446
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016384.D
 Acq: 21 May 2020 15:26

Tgt Ion: 114 Resp: 375821
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.8
 88 15.9 0.0 31.4

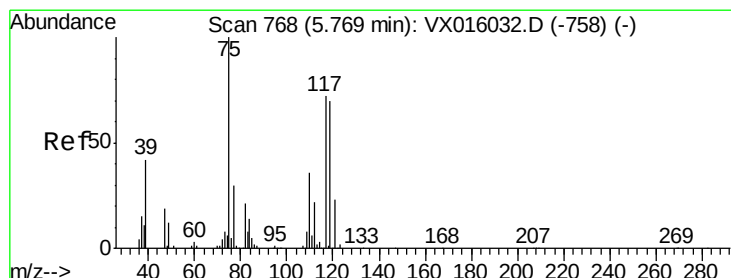
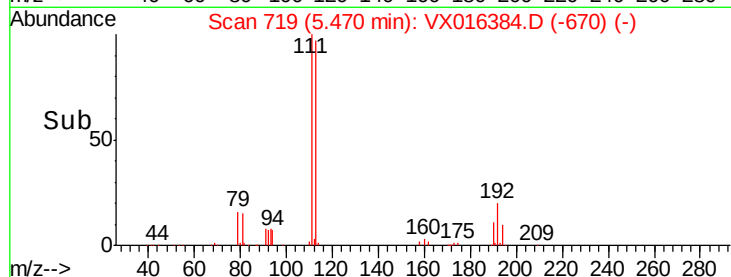
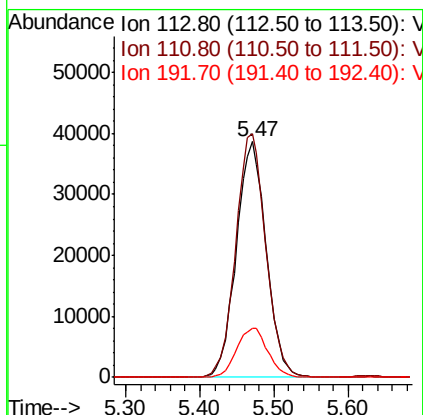
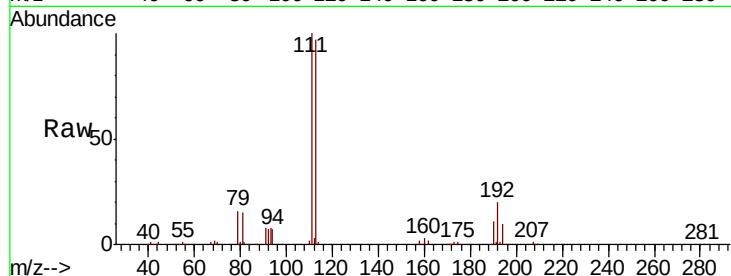




#35
 Dibromofluoromethane
 Concen: 45.806 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016384.D
 Acq: 21 May 2020 15:26

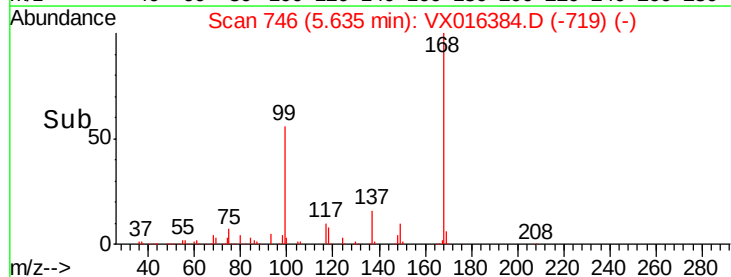
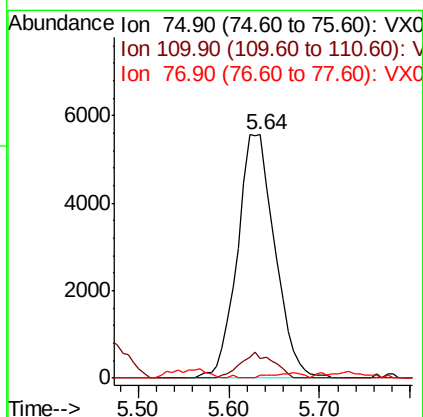
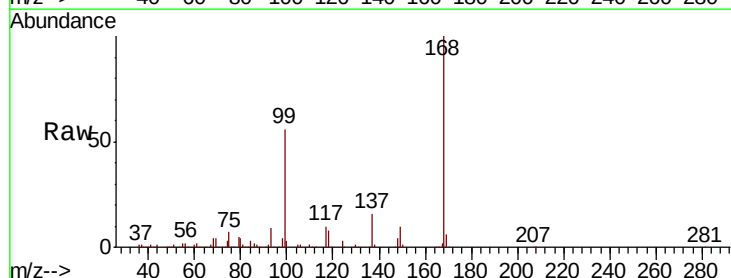
Instrument :
 MSVOA_X
 ClientSampled :

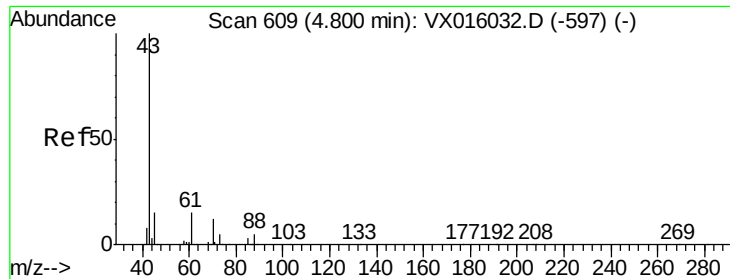
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.6	122.4
192	21.7	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 4.307 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. -0.13 min
 Lab File: VX016384.D
 Acq: 21 May 2020 15:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.1	54.1#
77	0.0	25.0	37.6#

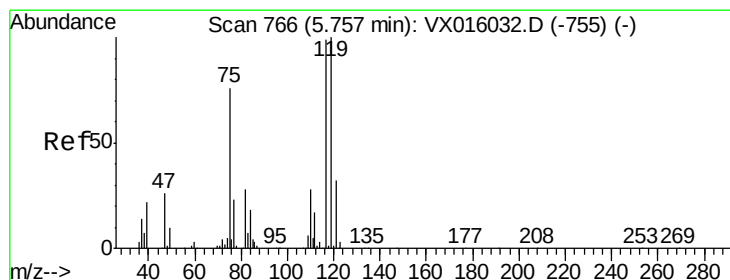
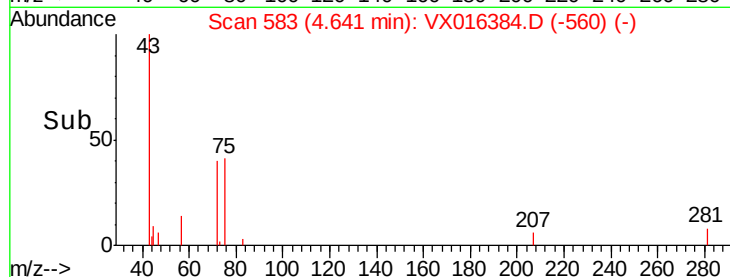
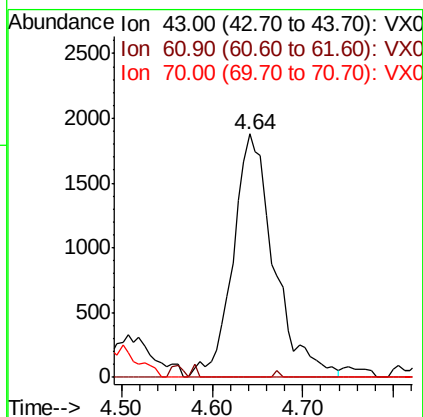
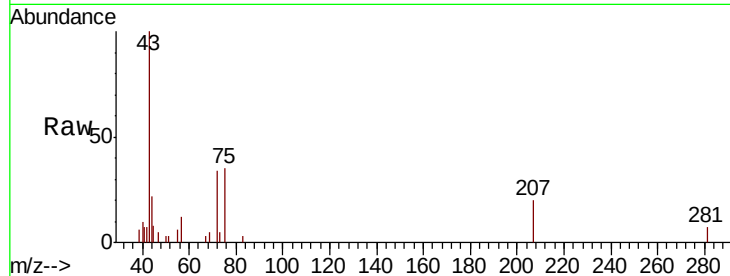




#37
Ethyl Acetate
Concen: 1.376 ug/l
RT: 4.64 min Scan# 583
Delta R.T. -0.16 min
Lab File: VX016384.D
Acq: 21 May 2020 15:26

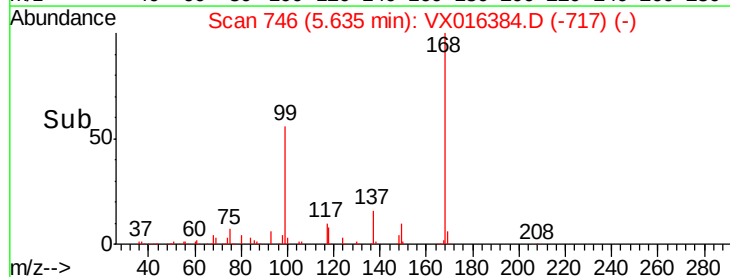
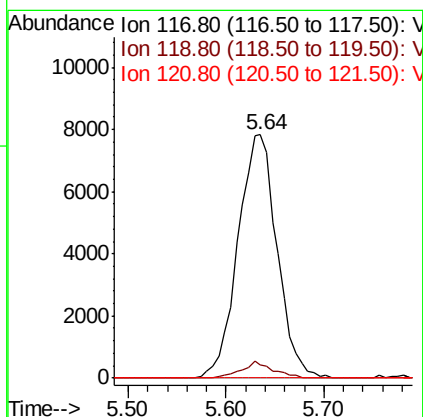
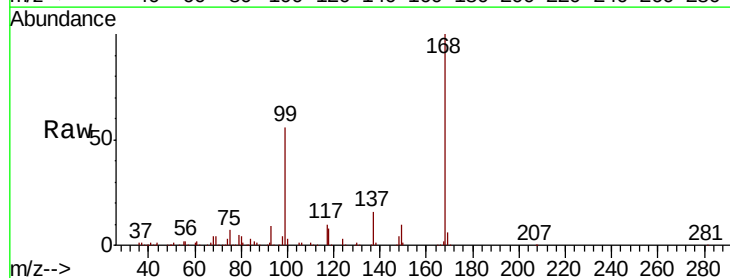
Instrument :
MSVOA_X
ClientSampleId :

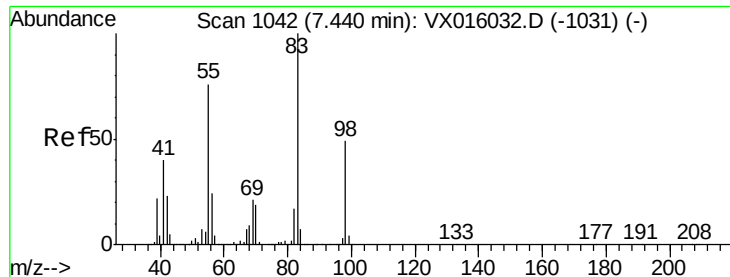
Tot Ion	43	Resp	5898
Ion Ratio	Lower	Upper	
43	100		
61	0.0	11.7	17.5#
70	0.0	9.3	13.9#



#38
Carbon Tetrachloride
Concen: 5.776 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX016384.D
Acq: 21 May 2020 15:26

Tgt Ion	117	Resp	21718
Ion Ratio	Lower	Upper	
117	100		
119	5.2	80.3	120.5#
121	0.0	25.7	38.5#

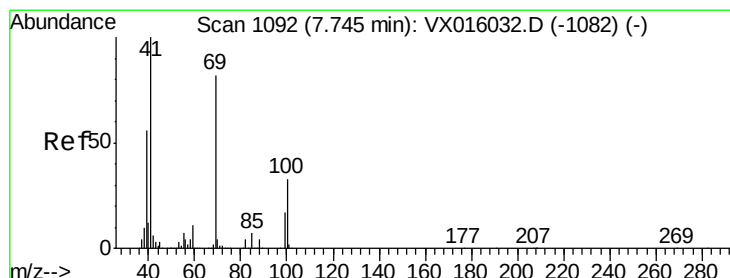
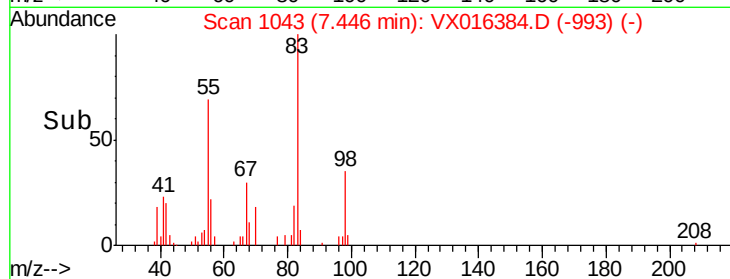
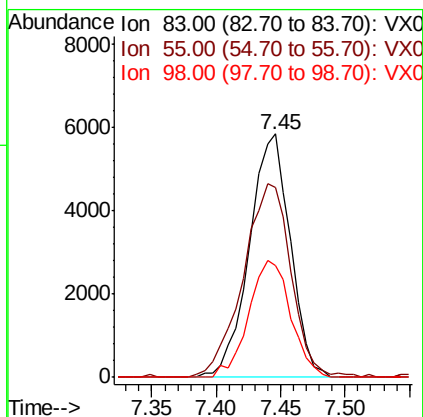
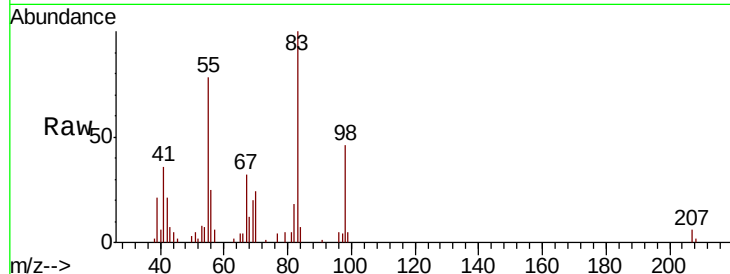




#39
Methylvlcyclohexane
Concen: 2.888 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX016384.D
Acq: 21 May 2020 15:26

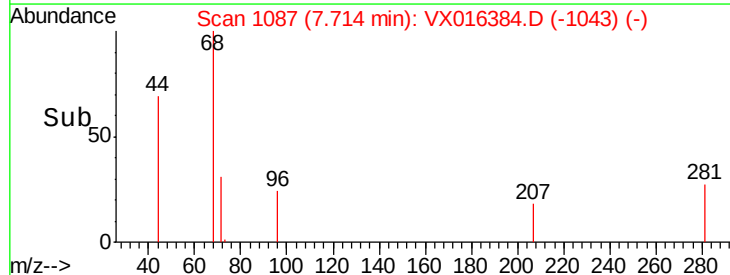
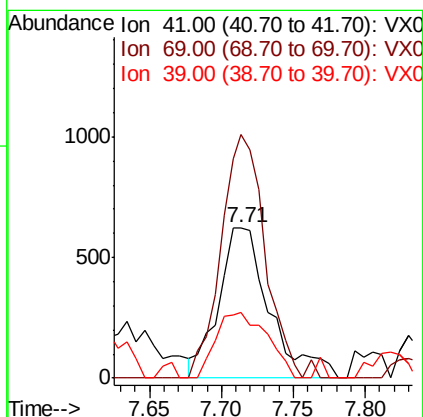
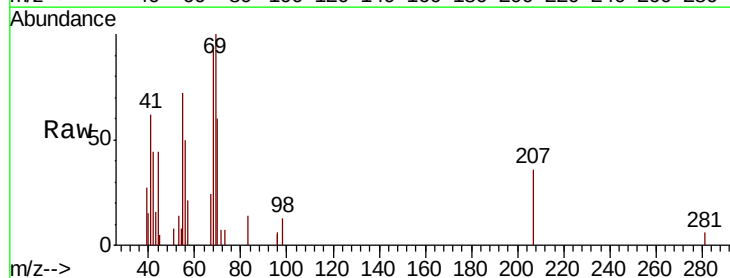
Instrument :
MSVOA_X
ClientSampleId :

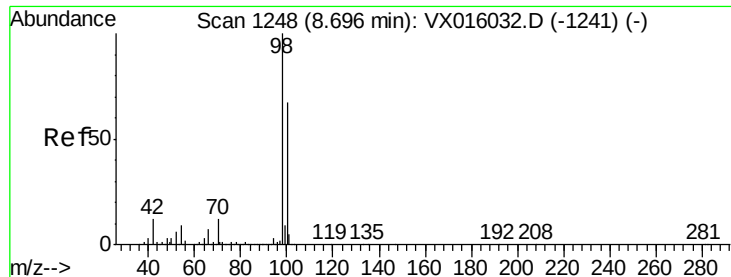
Tot Ion	Ratio	Lower	Upper
83	100		
55	78.0	61.1	91.7
98	46.2	39.0	58.4



#48
Methyl methacrylate
Concen: 0.476 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.03 min
Lab File: VX016384.D
Acq: 21 May 2020 15:26

Tgt Ion	Ratio	Lower	Upper
41	100		
69	138.4	67.8	101.6#
39	43.9	44.6	67.0#





#50

Toluene-d8

Concen: 50.824 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016384.D

Acq: 21 May 2020 15:26

Instrument :

MSVOA_X

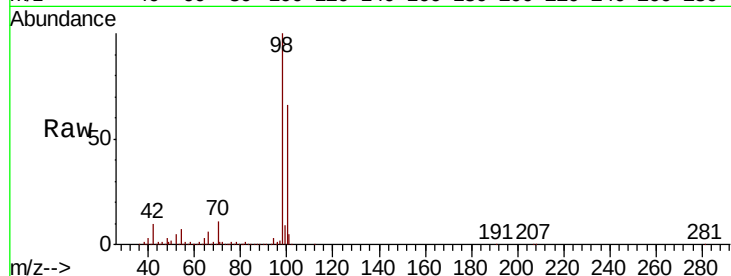
ClientSampleId :

Tot Ion: 98 Resp: 466268

Ion Ratio Lower Upper

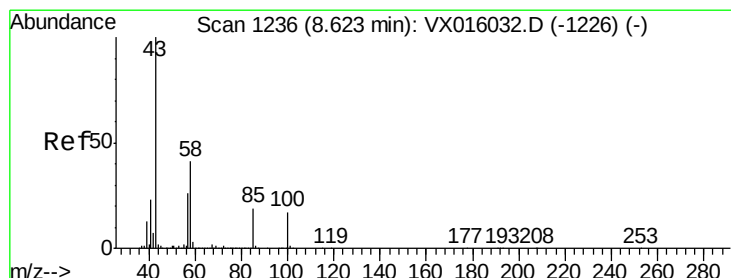
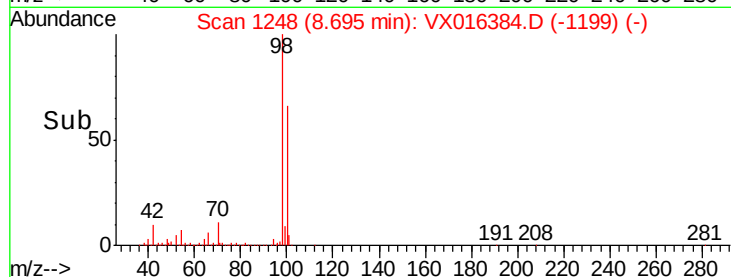
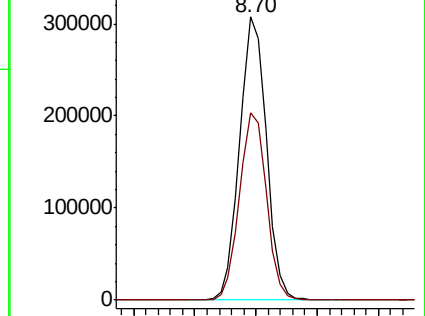
98 100

100 66.5 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 0.861 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016384.D

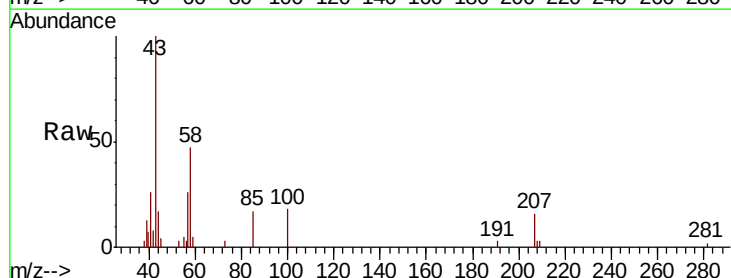
Acq: 21 May 2020 15:26

Tgt Ion: 43 Resp: 3604

Ion Ratio Lower Upper

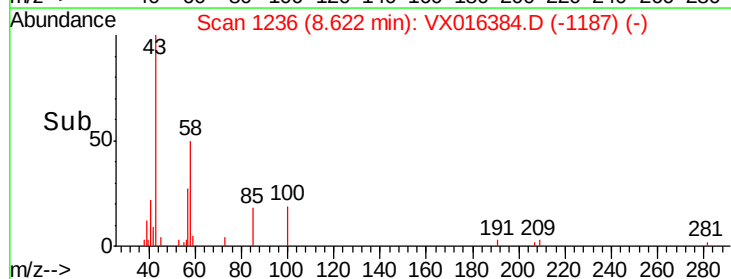
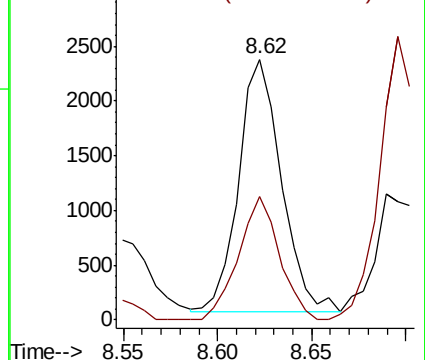
43 100

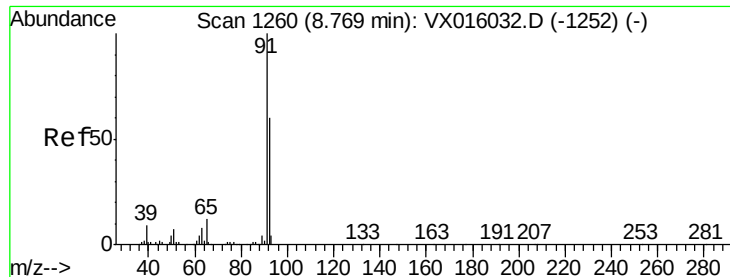
58 47.1 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 99.171 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016384.D

Acq: 21 May 2020 15:26

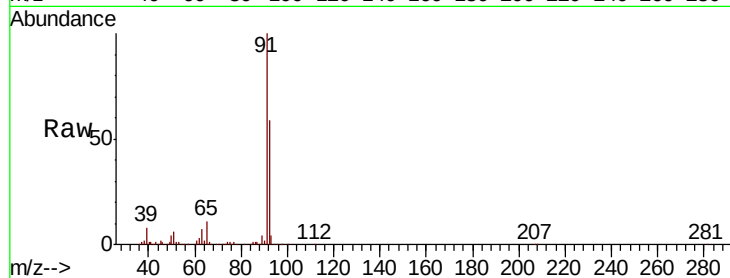
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 92 Resp: 669104

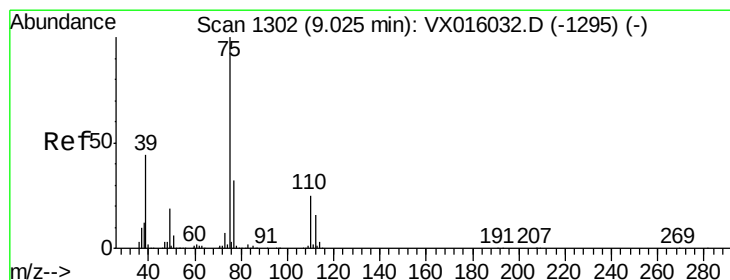
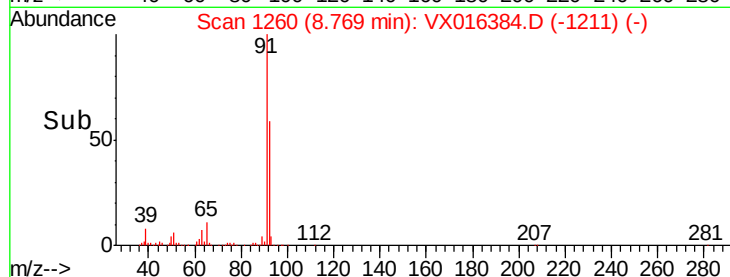
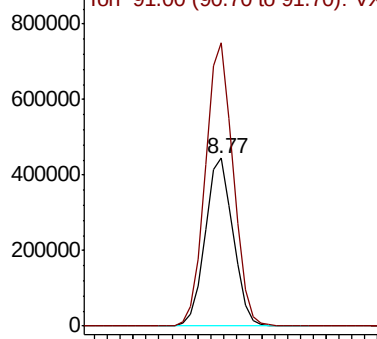
Ion Ratio Lower Upper

92 100

91 168.4 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 1.513 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.26 min

Lab File: VX016384.D

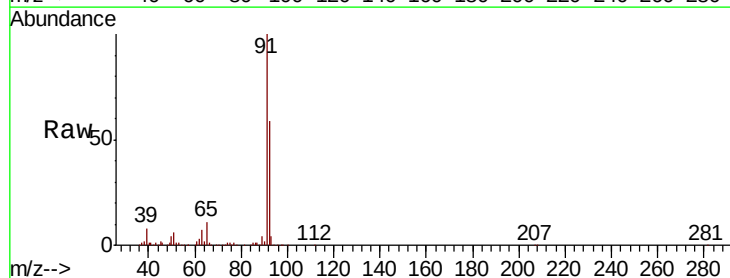
Acq: 21 May 2020 15:26

Tgt Ion: 75 Resp: 6839

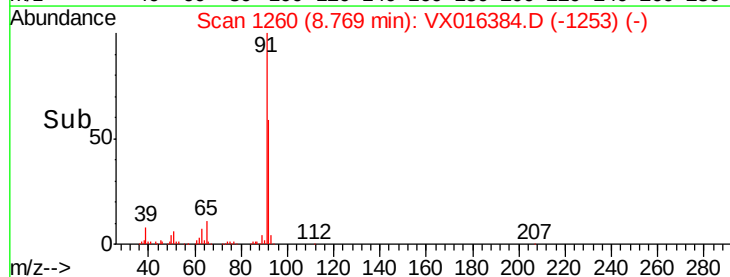
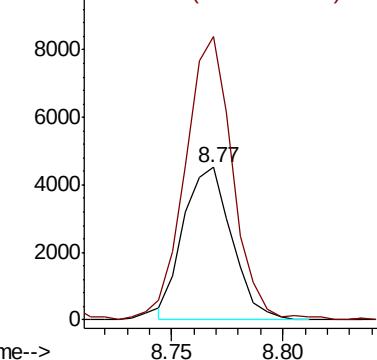
Ion Ratio Lower Upper

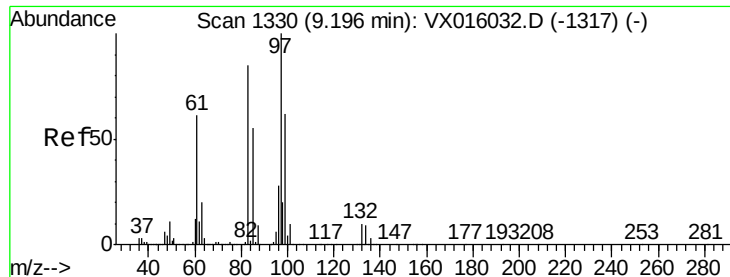
75 100

77 183.9 25.7 38.5#



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





#55

1,1,2-Trichloroethane

Concen: 0.328 ug/l

RT: 9.15 min Scan# 1322

Delta R.T. -0.05 min

Lab File: VX016384.D

Acq: 21 May 2020 15:26

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 870

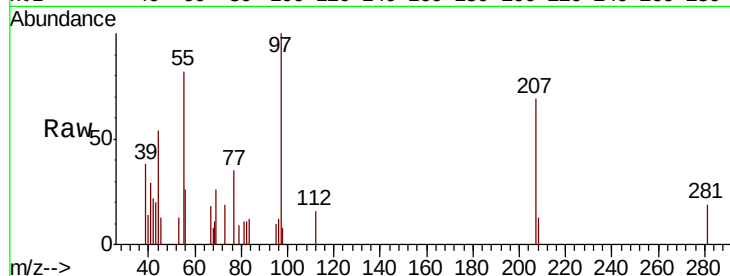
Ion Ratio Lower Upper

97 100

83 11.7 67.8 101.8#

85 0.0 43.8 65.8#

99 0.0 49.4 74.0#

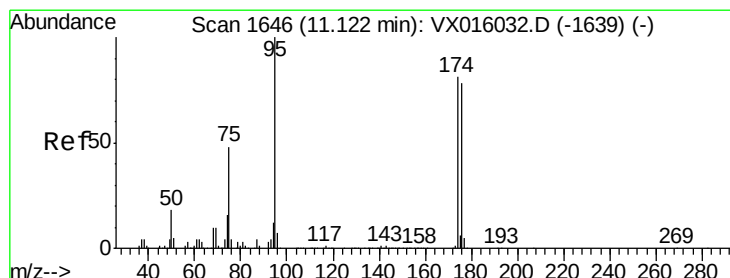
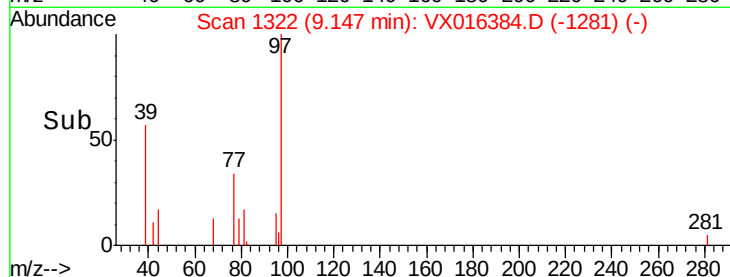
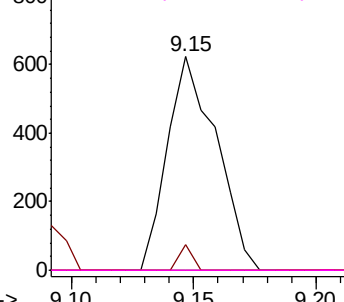


Abundance Ion 96.90 (96.60 to 97.60): VX0

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



#62

4-Bromofluorobenzene

Concen: 52.844 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016384.D

Acq: 21 May 2020 15:26

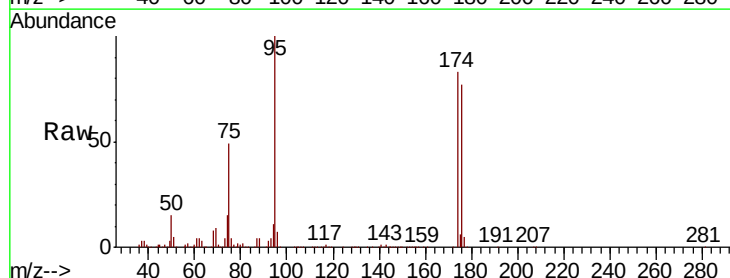
Tgt Ion: 95 Resp: 184395

Ion Ratio Lower Upper

95 100

174 81.6 0.0 159.4

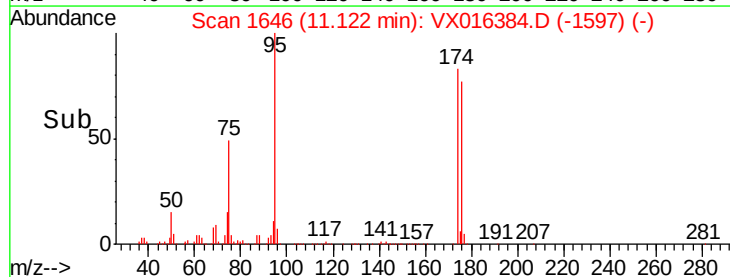
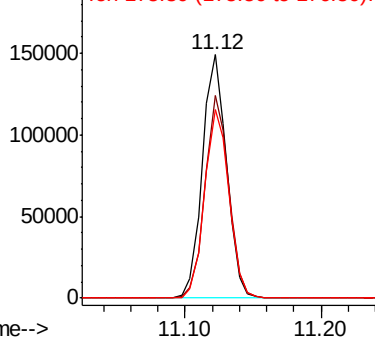
176 78.1 0.0 157.6

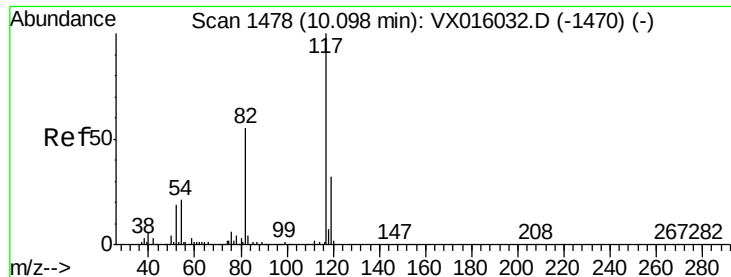


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

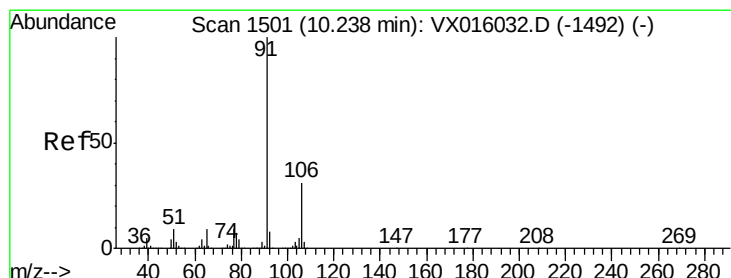
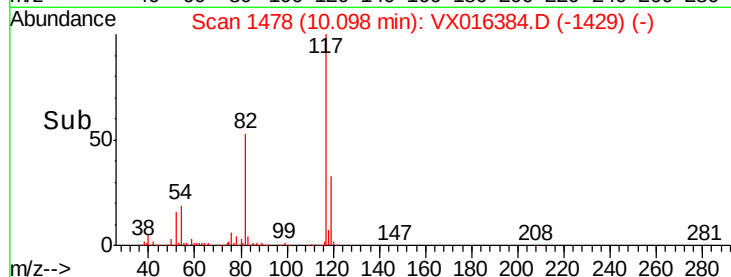
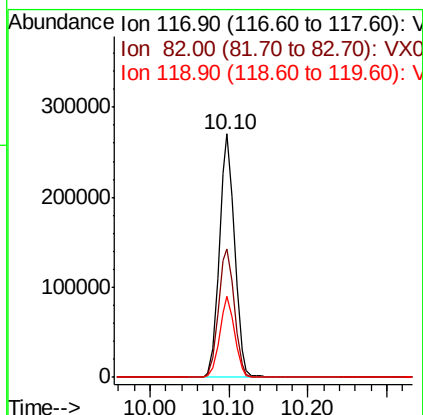
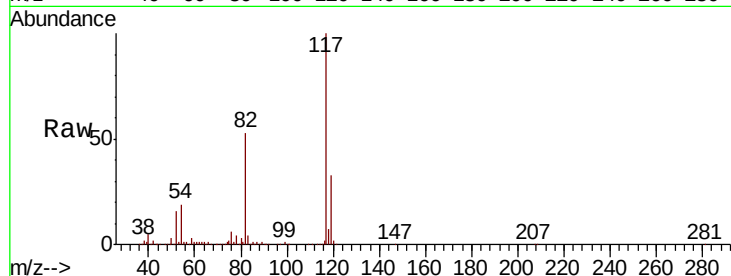




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016384.D
Acq: 21 May 2020 15:26

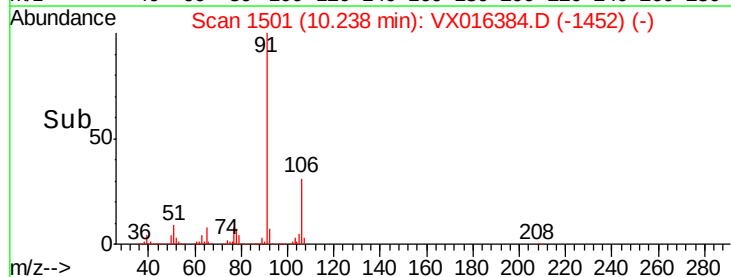
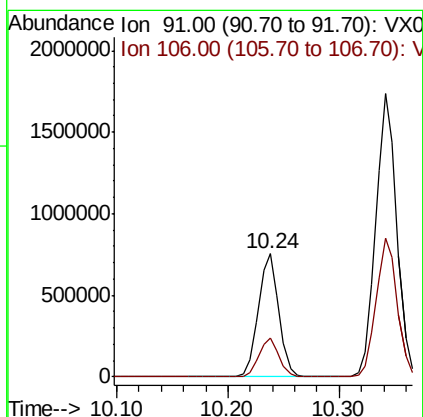
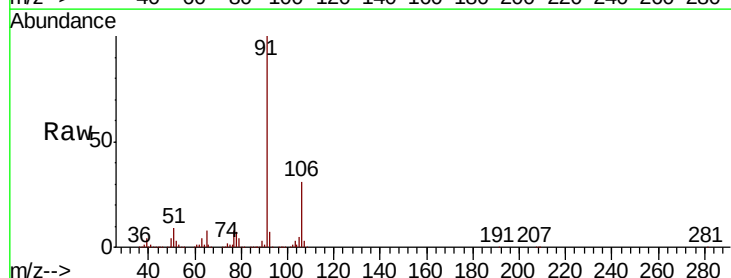
Instrument :
MSVOA_X
ClientSampleId :

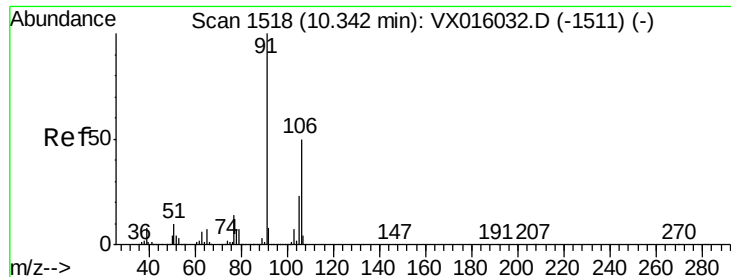
Tot Ion:117 Resp: 364096
Ion Ratio Lower Upper
117 100
82 52.9 44.4 66.6
119 33.3 25.5 38.3



#67
Ethyl Benzene
Concen: 71.023 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016384.D
Acq: 21 May 2020 15:26

Tgt Ion: 91 Resp: 966102
Ion Ratio Lower Upper
91 100
106 31.2 25.1 37.7

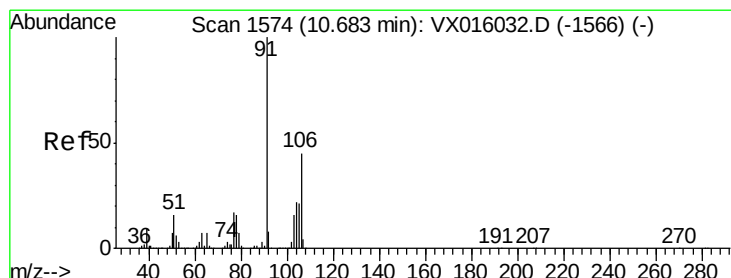
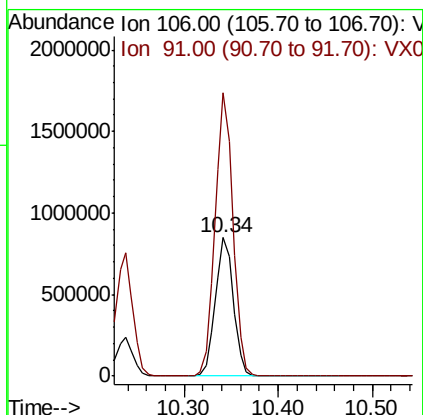
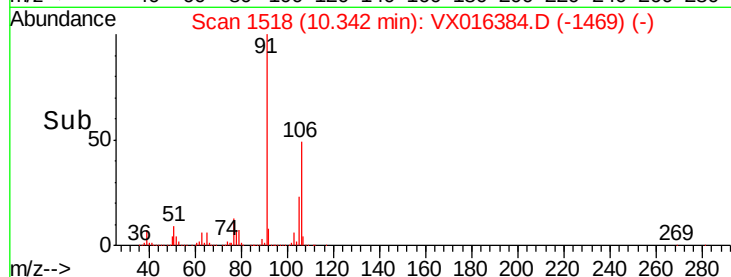
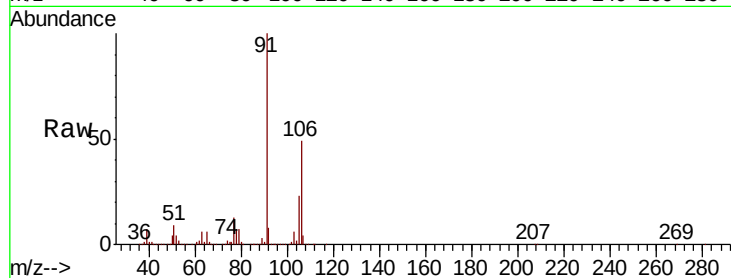




#68
m/p-Xylenes
Concen: 221.539 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016384.D
Acq: 21 May 2020 15:26

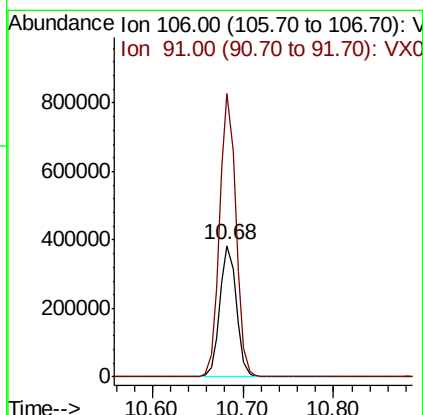
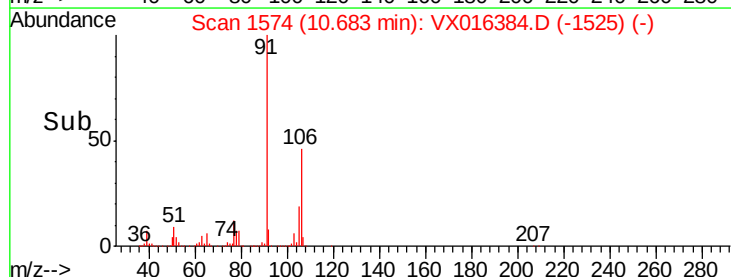
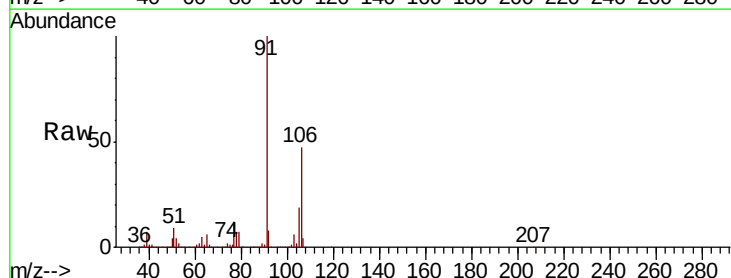
Instrument :
MSVOA_X
ClientSampleId :

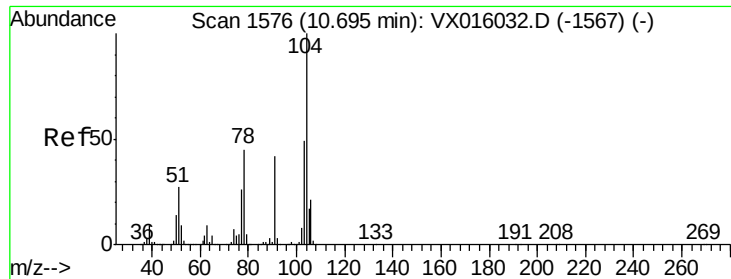
Tot Ion:106 Resp: 1129056
Ion Ratio Lower Upper
106 100
91 202.5 161.7 242.5



#69
o-Xylene
Concen: 99.967 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016384.D
Acq: 21 May 2020 15:26

Tgt Ion:106 Resp: 489727
Ion Ratio Lower Upper
106 100
91 213.1 107.5 322.6

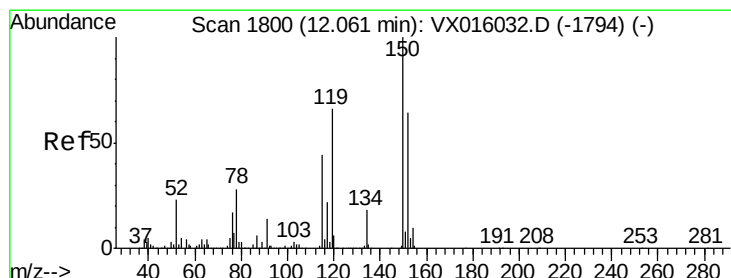
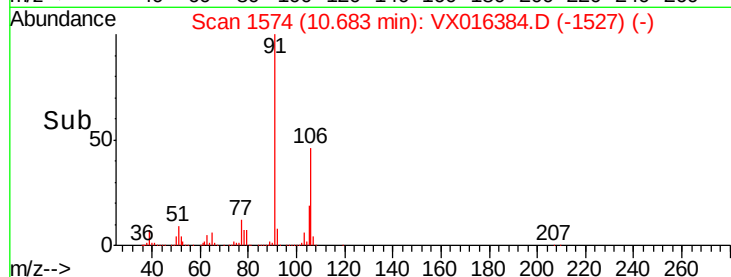
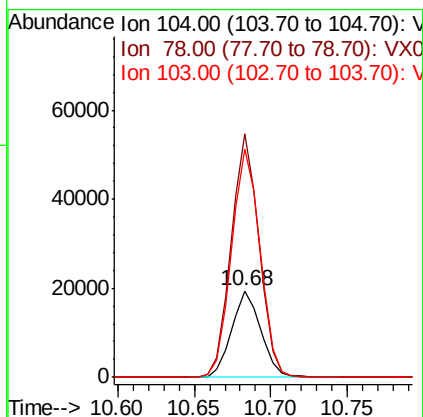
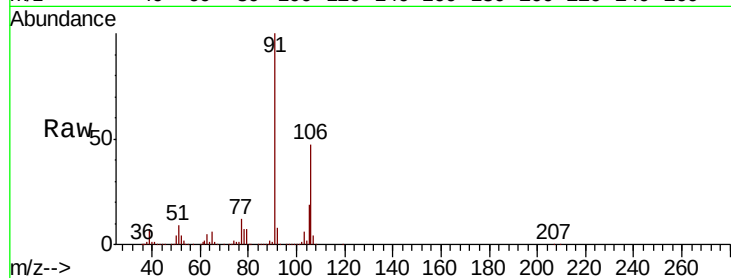




#70
Stvrene
Concen: 3.120 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.01 min
Lab File: VX016384.D
Acq: 21 May 2020 15:26

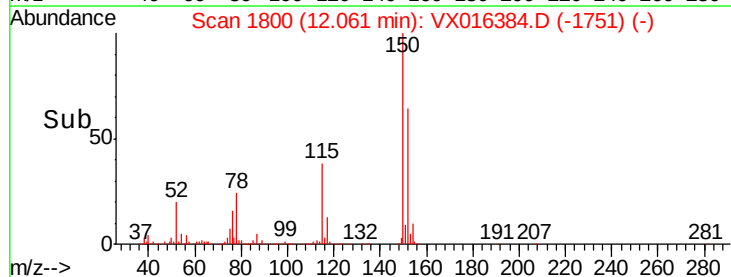
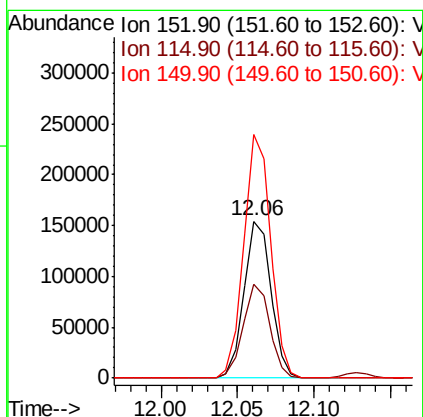
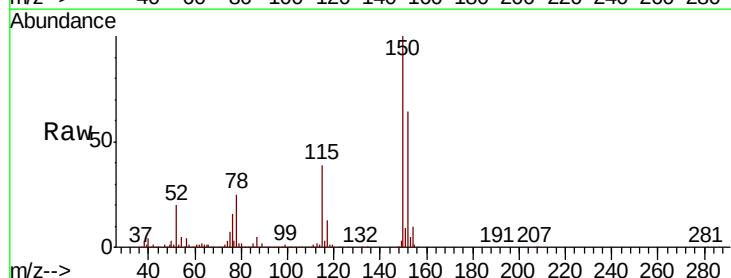
Instrument :
MSVOA_X
ClientSampleId :

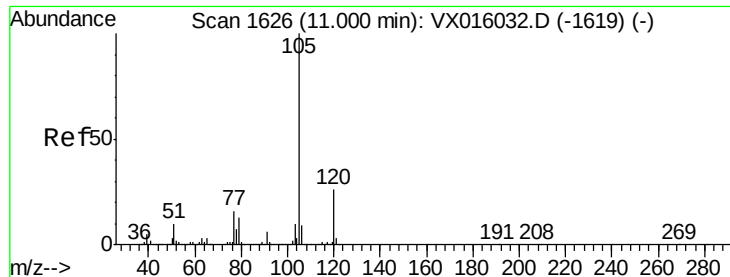
Tot Ion:104 Resp: 25927
Ion Ratio Lower Upper
104 100
78 266.4 40.2 60.2#
103 256.4 43.0 64.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016384.D
Acq: 21 May 2020 15:26

Tgt Ion:152 Resp: 188921
Ion Ratio Lower Upper
152 100
115 59.2 41.3 124.1
150 154.9 0.0 352.2





#73

Isopropylbenzene

Concen: 4.650 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016384.D

Acq: 21 May 2020 15:26

Instrument :

MSVOA_X

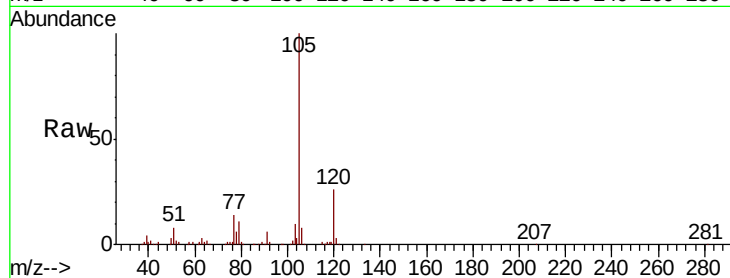
ClientSampleId :

Tot Ion:105 Resp: 63902

Ion Ratio Lower Upper

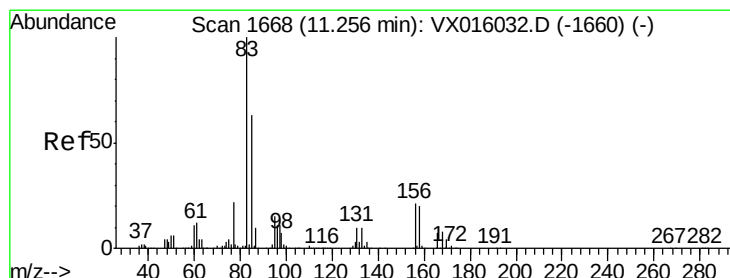
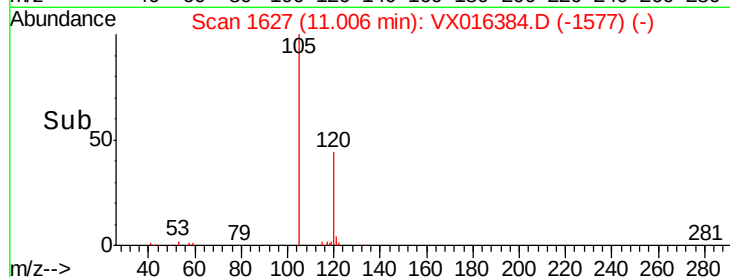
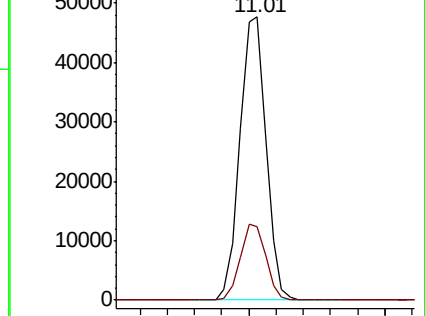
105 100

120 26.2 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#75

1,1,2,2-Tetrachloroethane

Concen: 2.056 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.09 min

Lab File: VX016384.D

Acq: 21 May 2020 15:26

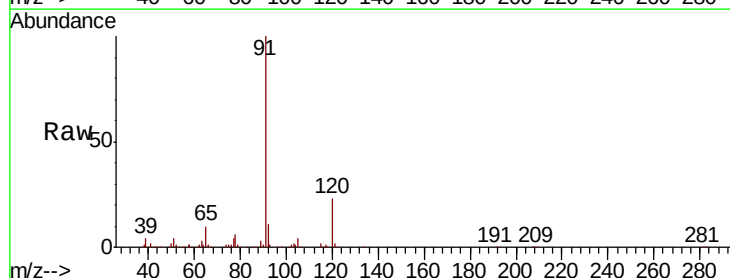
Tgt Ion: 83 Resp: 19

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.4#

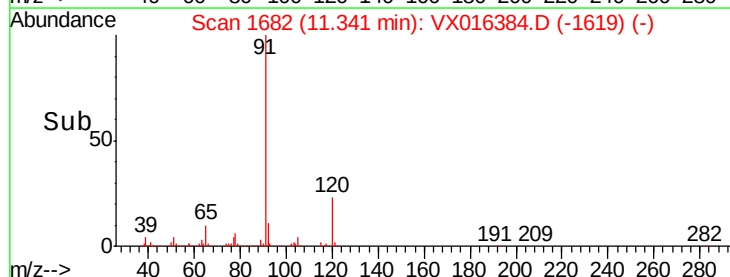
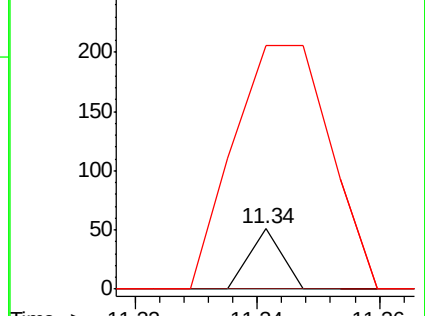
85 1189.5 32.0 96.0#

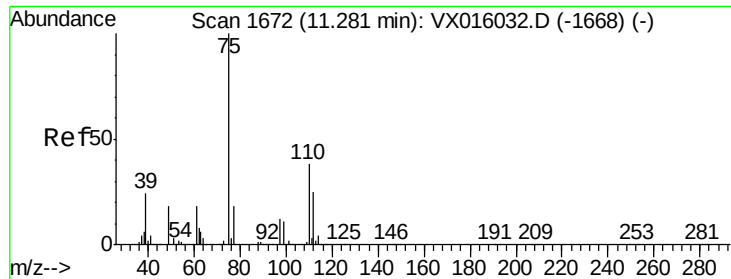


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 1.273 ug/l

RT: 11.42 min Scan# 1695

Delta R.T. 0.14 min

Lab File: VX016384.D

Acq: 21 May 2020 15:26

Instrument :

MSVOA_X

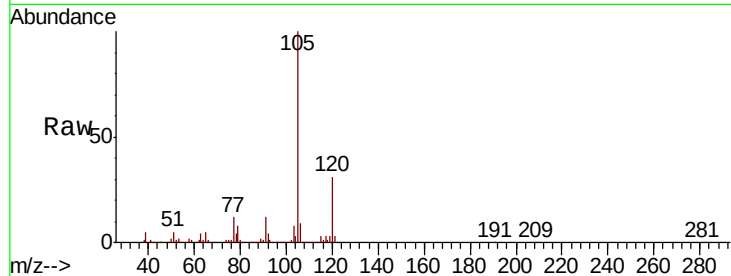
ClientSampled :

Tot Ion: 75 Resp: 5456

Ion Ratio Lower Upper

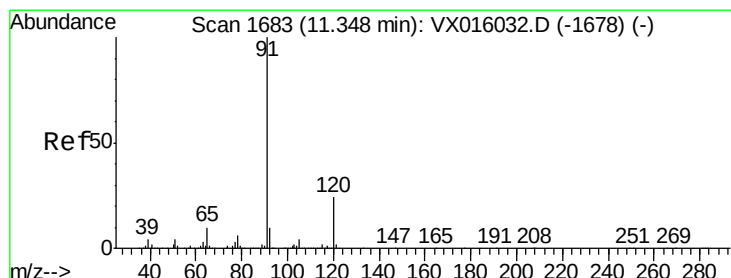
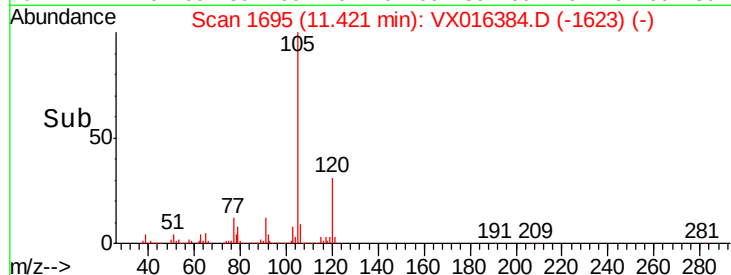
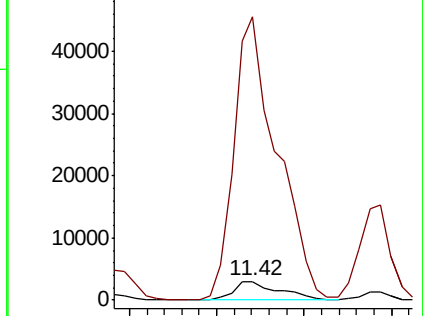
75 100

77 1437.5 21.2 63.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 10.585 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016384.D

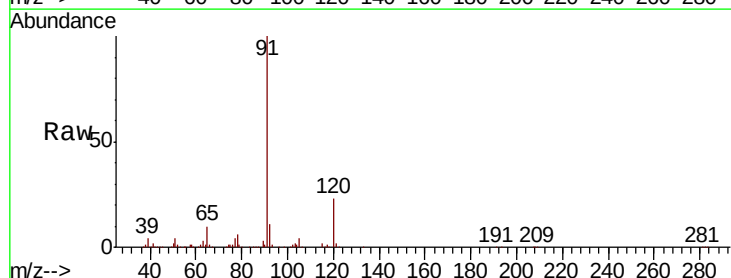
Acq: 21 May 2020 15:26

Tgt Ion: 91 Resp: 169214

Ion Ratio Lower Upper

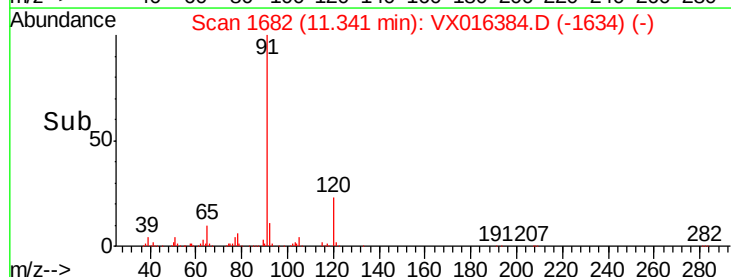
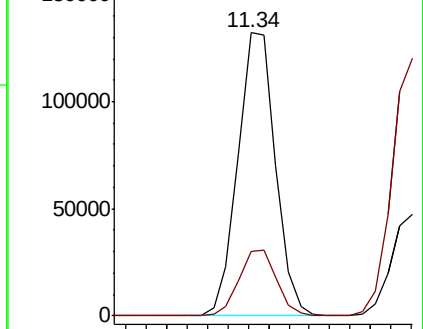
91 100

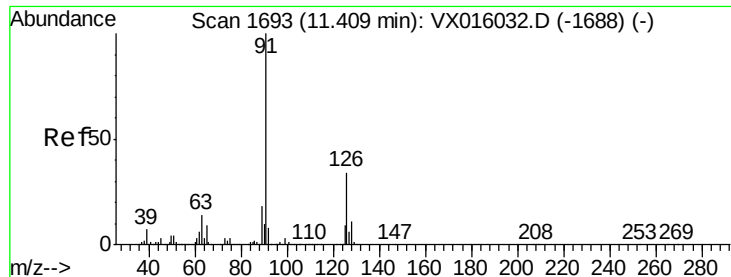
120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 8.499 ug/l

RT: 11.42 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VX016384.D

Acq: 21 May 2020 15:26

Instrument :

MSVOA_X

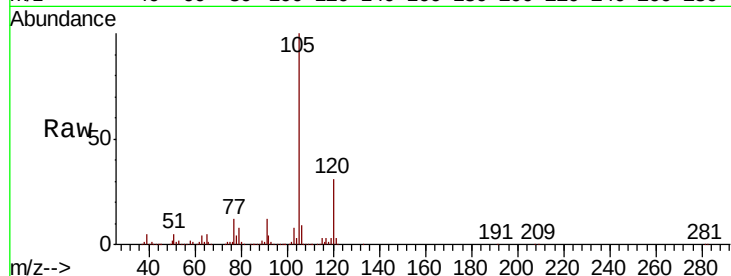
ClientSampleId :

Tot Ion: 91 Resp: 80199

Ion Ratio Lower Upper

91 100

126 0.0 16.9 50.6#



Abundance Ion 91.00 (90.70 to 91.70): VX016032.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX016032.D (-1688) (-)

150000

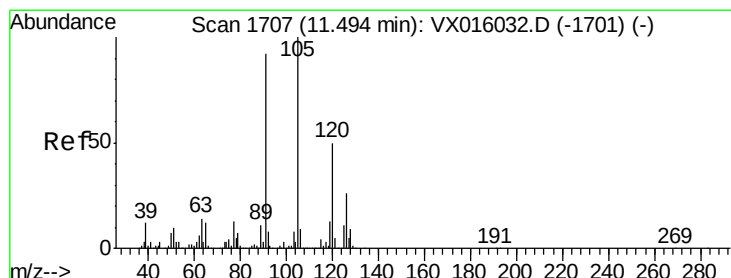
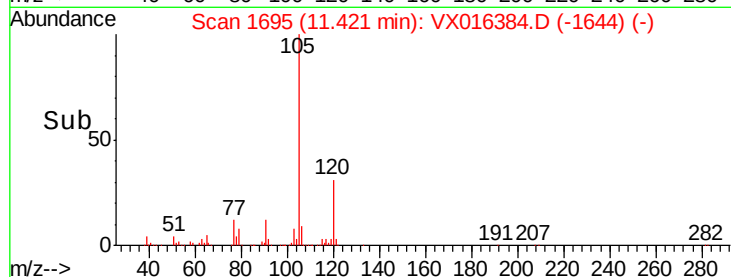
100000

50000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 13.528 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016384.D

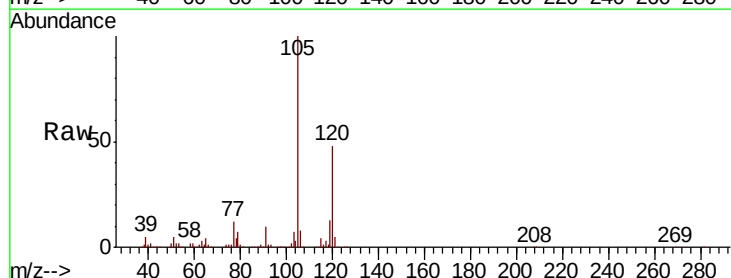
Acq: 21 May 2020 15:26

Tgt Ion: 105 Resp: 156947

Ion Ratio Lower Upper

105 100

120 48.3 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX016032.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX016032.D (-1701) (-)

400000

300000

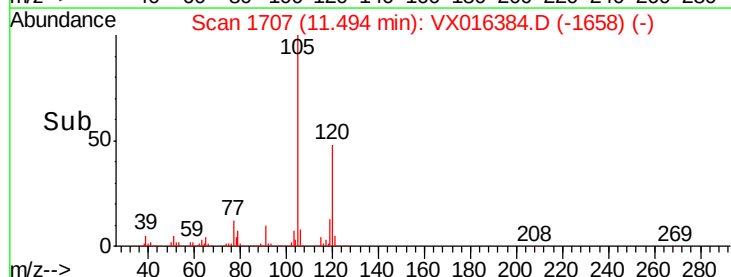
200000

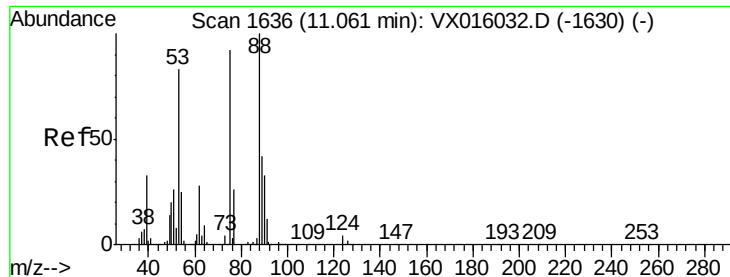
100000

0

11.45 11.50 11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 49.288 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016384.D

Acq: 21 May 2020 15:26

Instrument :

MSVOA_X

ClientSampled :

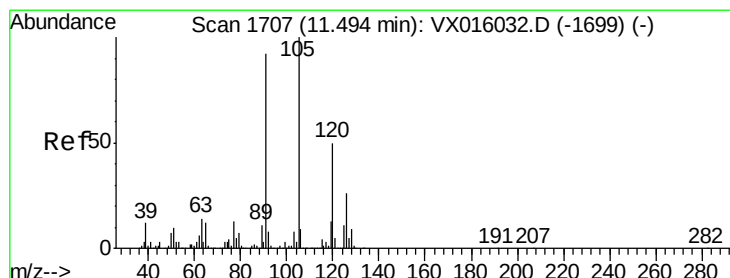
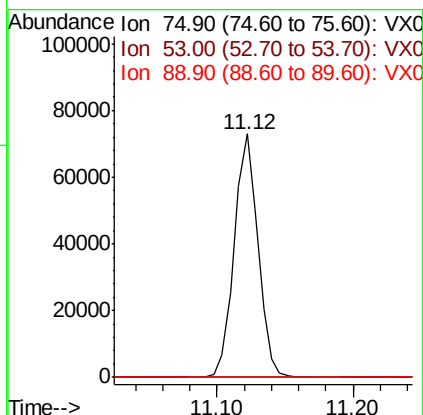
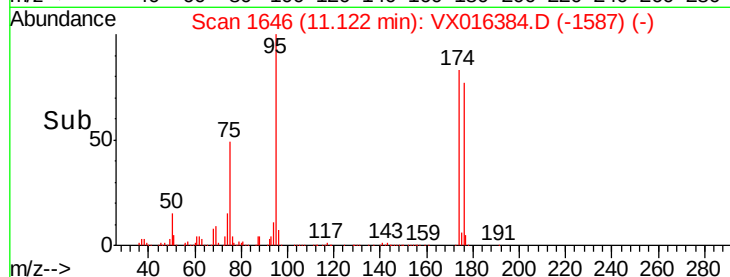
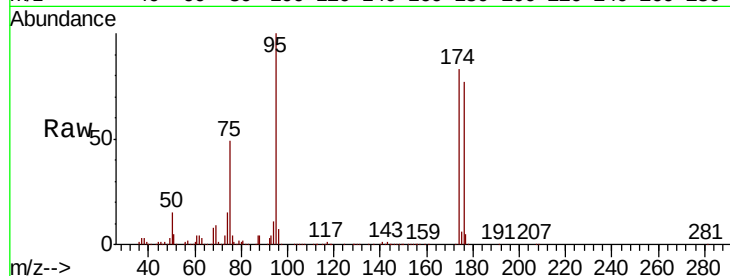
Tot Ion: 75 Resp: 88667

Ion Ratio Lower Upper

75 100

53 0.0 73.1 109.7#

89 0.0 36.7 55.1#



#82

4-Chlorotoluene

Concen: 1.430 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016384.D

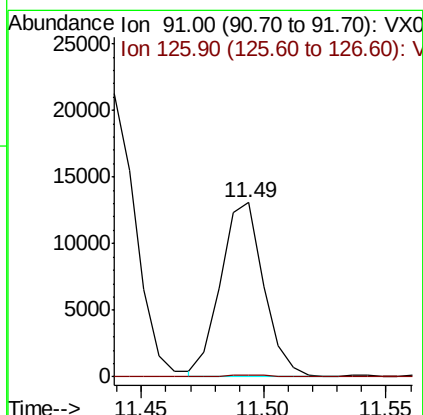
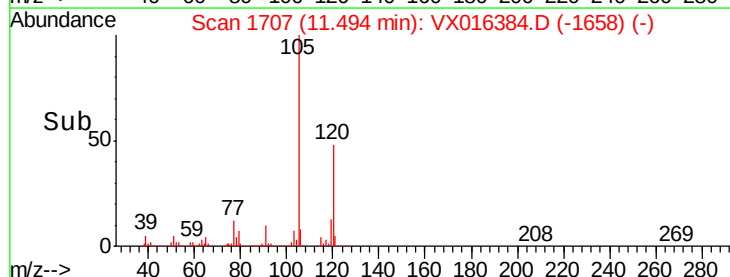
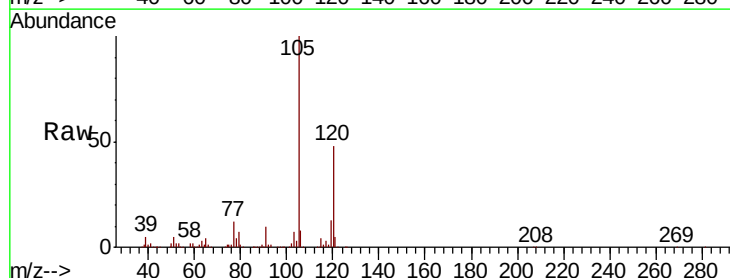
Acq: 21 May 2020 15:26

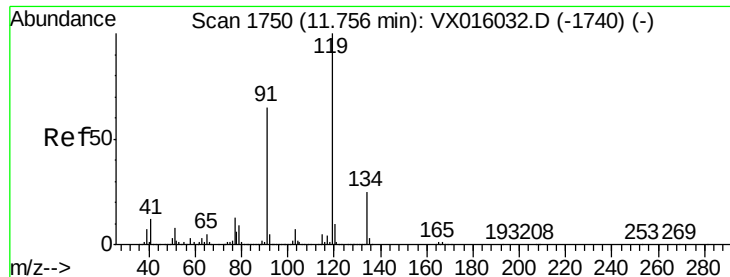
Tgt Ion: 91 Resp: 15932

Ion Ratio Lower Upper

91 100

126 0.7 14.8 44.3#

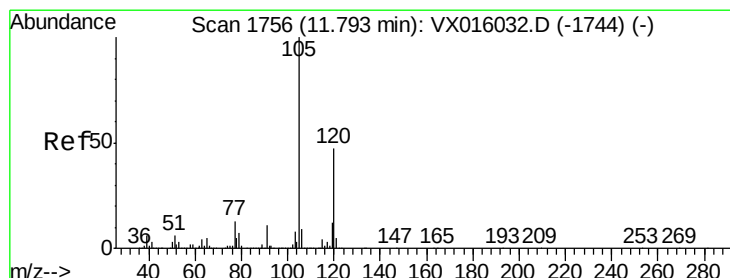
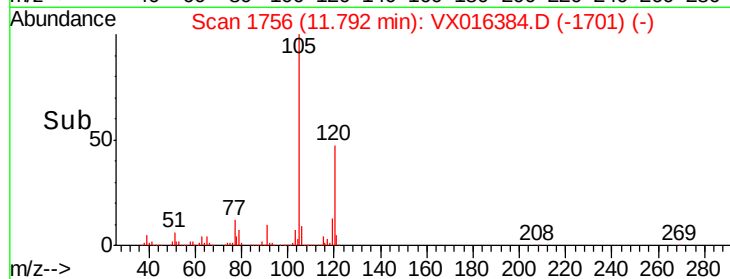
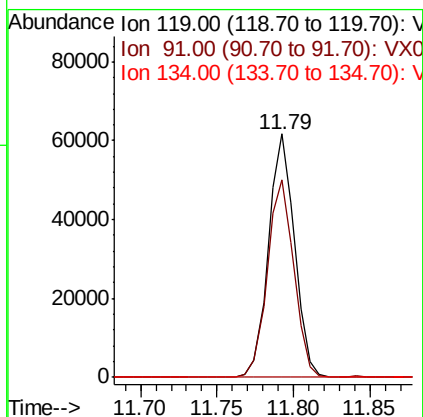
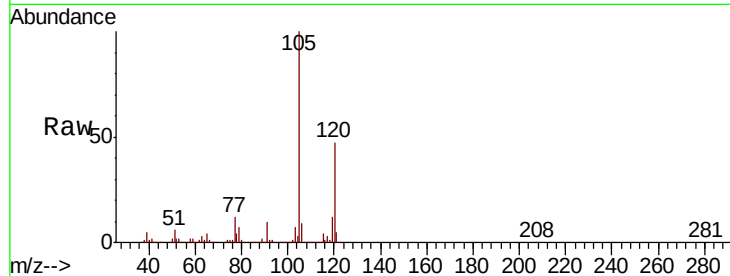




#83
 tert-Butylbenzene
 Concen: 7.333 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.04 min
 Lab File: VX016384.D
 Acq: 21 May 2020 15:26

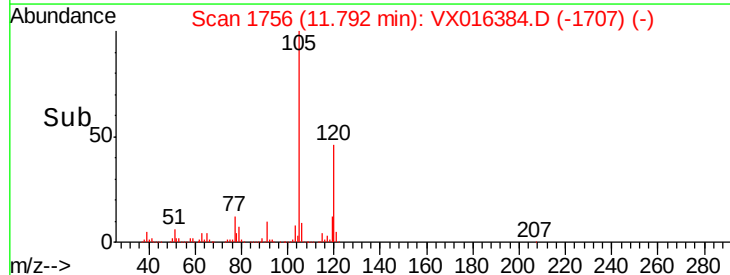
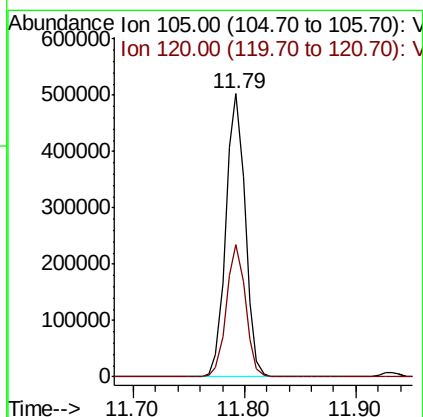
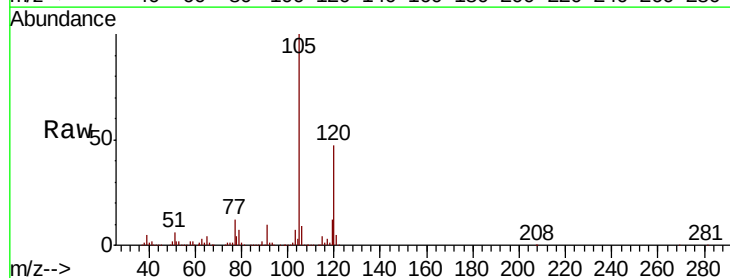
Instrument :
 MSVOA_X
 ClientSampleId :

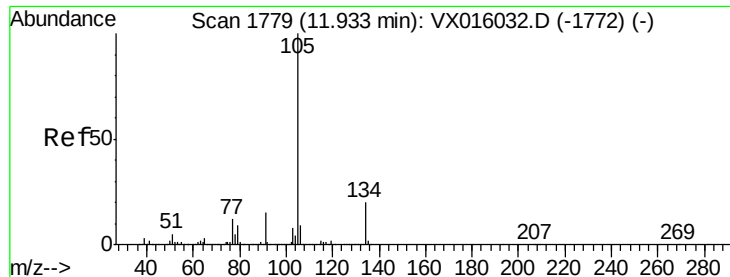
Tot Ion	Ratio	Lower	Upper
119	100		
91	83.3	32.8	98.4
134	0.0	12.4	37.0#



#84
 1,2,4-Trimethylbenzene
 Concen: 51.374 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016384.D
 Acq: 21 May 2020 15:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.0	69.0

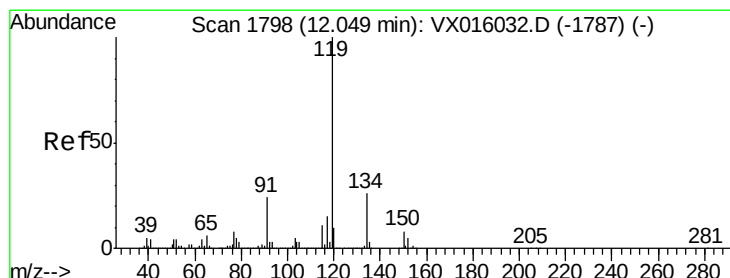
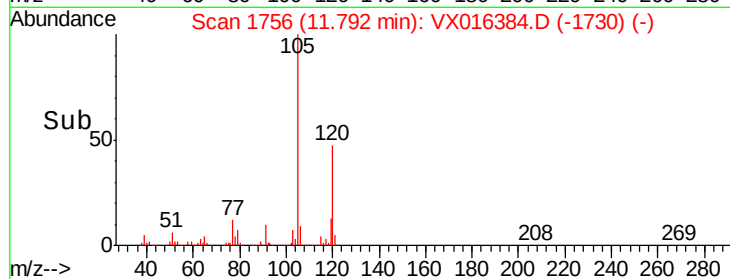
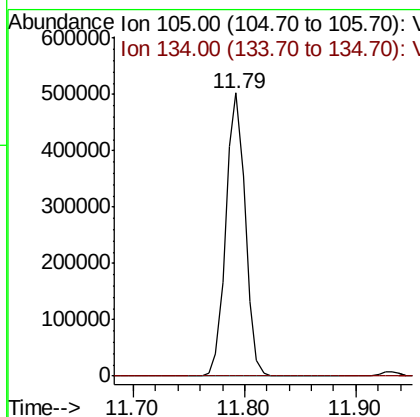
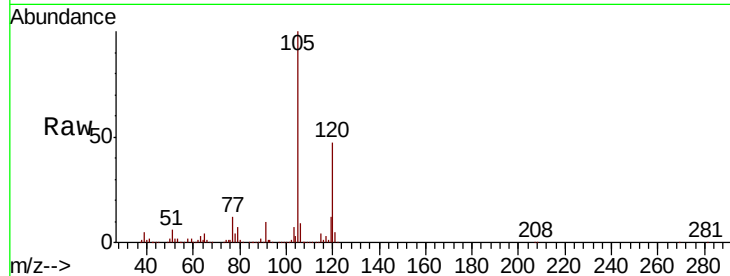




#85
 sec-Butylbenzene
 Concen: 44.637 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.14 min
 Lab File: VX016384.D
 Acq: 21 May 2020 15:26

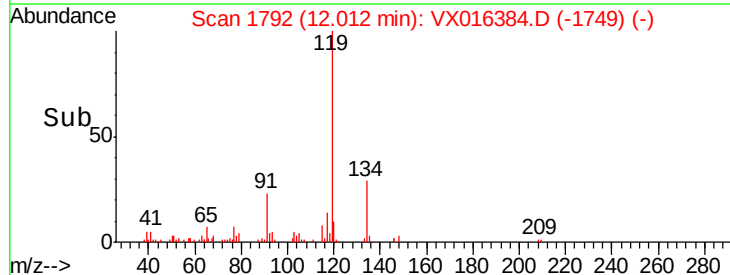
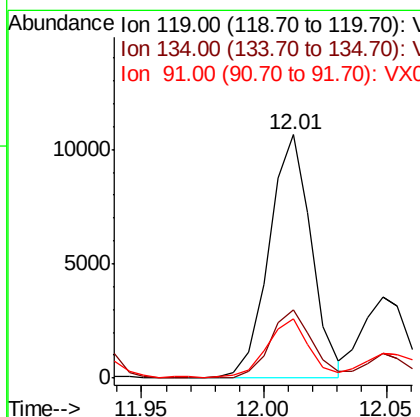
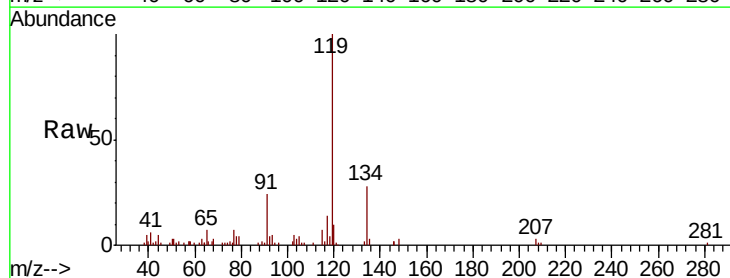
Instrument :
 MSVOA_X
 ClientSampleId :

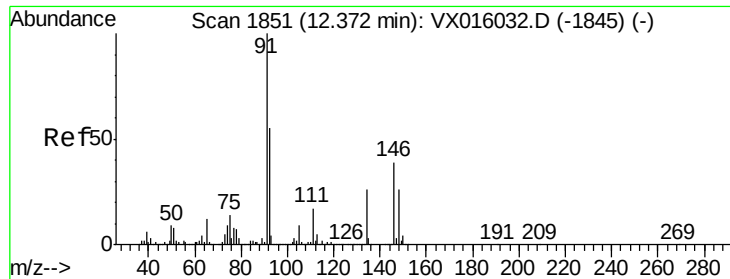
Tot Ion:105 Resp: 602595
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.3#



#86
 p-Isopropyltoluene
 Concen: 1.025 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.04 min
 Lab File: VX016384.D
 Acq: 21 May 2020 15:26

Tgt Ion:119 Resp: 12848
 Ion Ratio Lower Upper
 119 100
 134 28.0 13.1 39.3
 91 24.4 11.8 35.4





#89

n-Butylbenzene

Concen: 1.406 ug/l

RT: 12.37 min Scan# 1850

Delta R.T. -0.01 min

Lab File: VX016384.D

Acq: 21 May 2020 15:26

Instrument :

MSVOA_X

ClientSampleId :

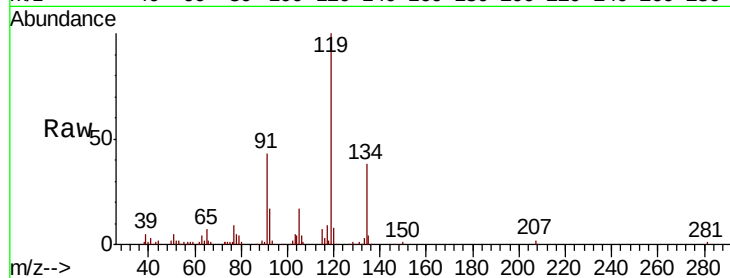
Tot Ion: 91 Resp: 16102

Ion Ratio Lower Upper

91 100

92 33.7 27.6 82.7

134 109.2 13.4 40.1#

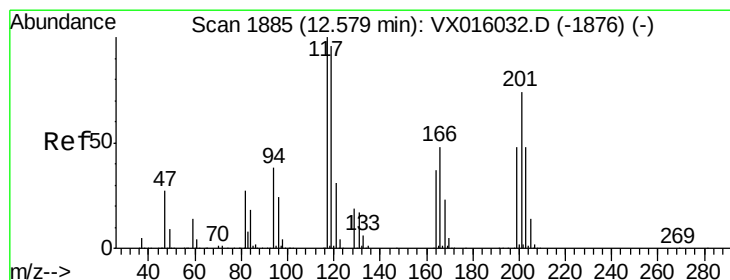
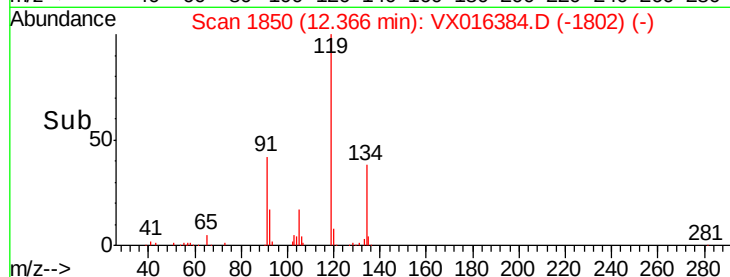


Abundance Ion 91.00 (90.70 to 91.70): VX016384.D (-1845) (-)

Ion 92.00 (91.70 to 92.70): VX016384.D (-1845) (-)

Ion 134.00 (133.70 to 134.70): VX016384.D (-1845) (-)

Time-->



#90

Hexachloroethane

Concen: 1.890 ug/l

RT: 12.65 min Scan# 1897

Delta R.T. 0.07 min

Lab File: VX016384.D

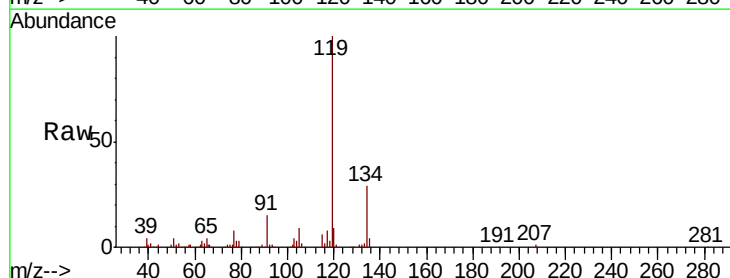
Acq: 21 May 2020 15:26

Tgt Ion: 117 Resp: 4068

Ion Ratio Lower Upper

117 100

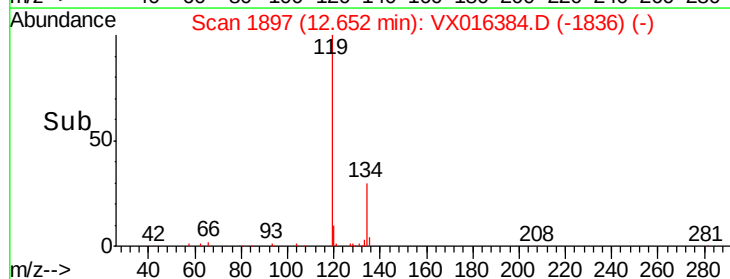
201 0.0 39.8 119.3#

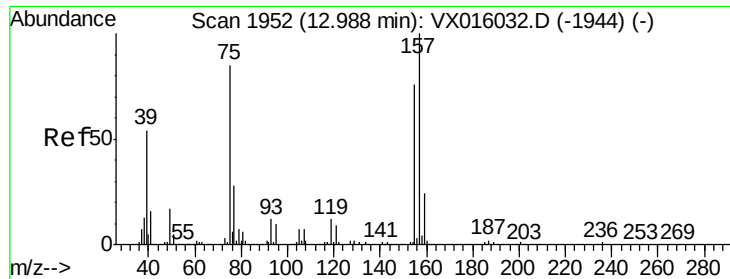


Abundance Ion 116.80 (116.50 to 117.50): VX016384.D (-1876) (-)

Ion 200.70 (200.40 to 201.40): VX016384.D (-1876) (-)

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.259 ug/l

RT: 13.01 min Scan# 1955

Delta R.T. 0.02 min

Lab File: VX016384.D

Acq: 21 May 2020 15:26

Instrument :

MSVOA_X

ClientSampled :

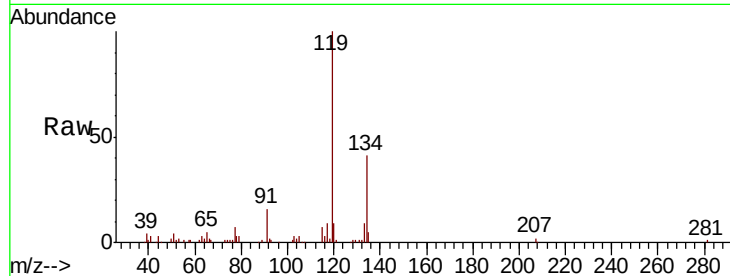
Tot Ion: 75 Resp: 293

Ion Ratio Lower Upper

75 100

155 0.0 42.5 127.5#

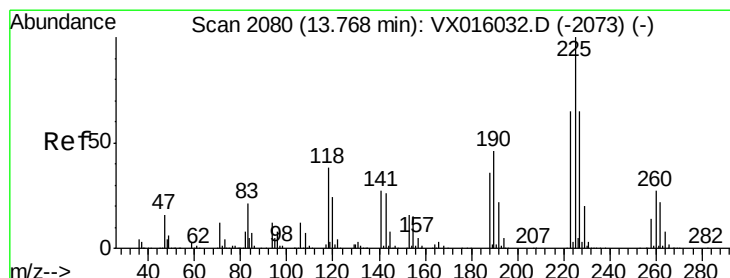
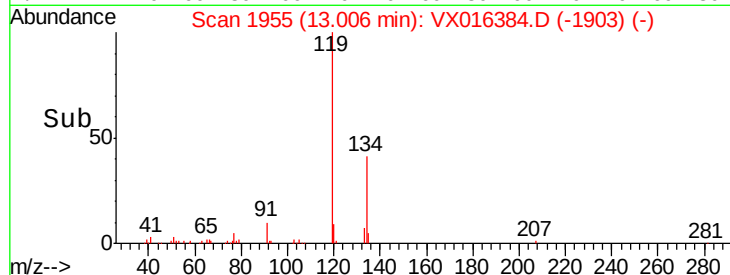
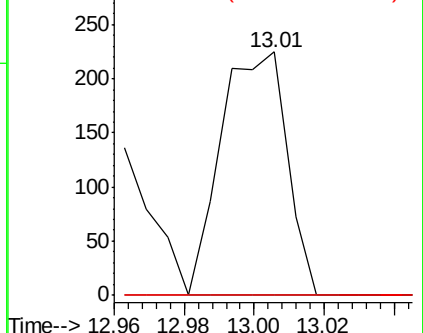
157 0.0 55.3 165.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#94

Hexachlorobutadiene

Concen: 0.577 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX016384.D

Acq: 21 May 2020 15:26

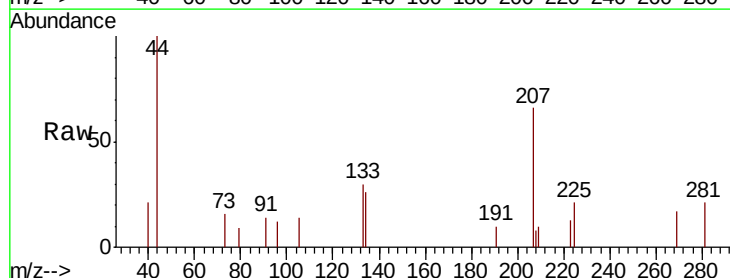
Tgt Ion: 225 Resp: 105

Ion Ratio Lower Upper

225 100

223 74.3 32.3 96.9

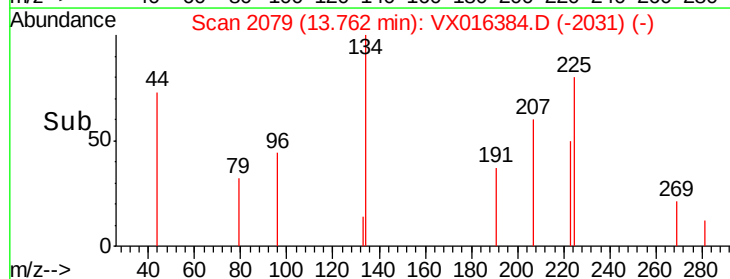
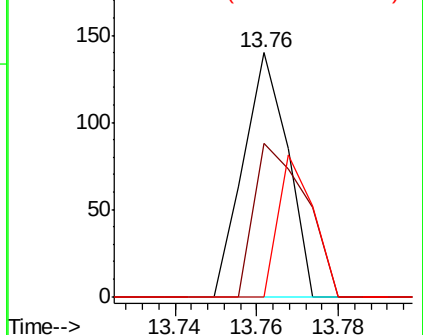
227 46.7 31.8 95.4

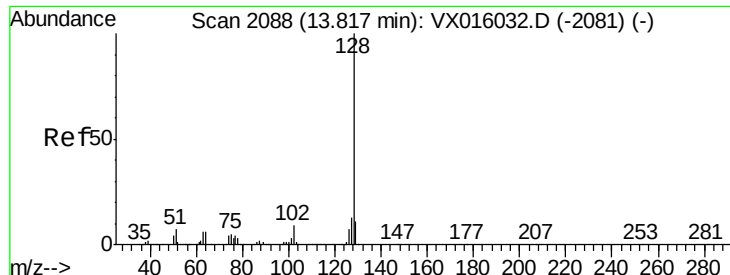


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 5.776 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016384.D

Acq: 21 May 2020 15:26

Instrument :

MSVOA_X

ClientSampleId :

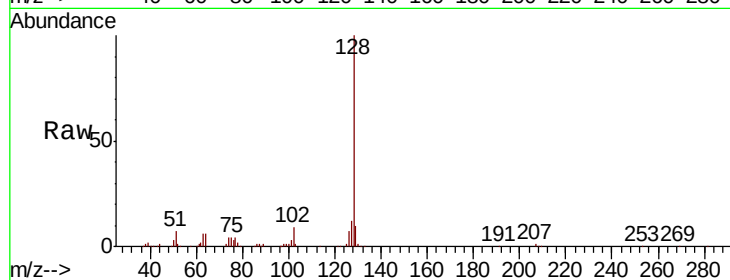
Tot Ion:128 Resp: 84904

Ion Ratio Lower Upper

128 100

127 12.3 10.2 15.4

129 10.6 8.7 13.1



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

