

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071020\
 Data File : VX017333.D
 Acq On : 10 Jul 2020 14:23
 Operator : JC/SP
 Sample : L3217-09 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 11 01:01:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	255268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	404892	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	409798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	229700	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	156532	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
35) Dibromofluoromethane	5.47	113	133160	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
50) Toluene-d8	8.70	98	483047	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
62) 4-Bromofluorobenzene	11.12	95	218084	58.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.82%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	599	0.200	ug/l	98
5) Bromomethane	1.65	94	511	0.349	ug/l #	33
8) Diethyl Ether	2.17	74	20	0.380	ug/l #	1
11) Tert butyl alcohol	3.01	59	6207	10.339	ug/l #	88
12) 1,1-Dichloroethene	2.36	96	537	0.213	ug/l #	42
13) Acrolein	2.28	56	490	1.365	ug/l	94
15) Acrylonitrile	3.12	53	614	0.425	ug/l #	28
16) Acetone	2.42	43	3454	2.934	ug/l #	78
17) Carbon Disulfide	2.55	76	2603	0.392	ug/l #	83
18) Methyl Acetate	2.76	43	974	0.317	ug/l #	73
20) Methylene Chloride	2.83	84	1114	Below Cal	#	63
25) 2-Butanone	4.63	43	1039	0.530	ug/l #	49
32) 1,1,1-Trichloroethane	5.46	97	5223	1.126	ug/l #	46
36) 1,1-Dichloropropene	5.63	75	17618	4.604	ug/l #	52
38) Carbon Tetrachloride	5.64	117	24901	5.908	ug/l #	18
44) Trichloroethene	7.19	130	395	Below Cal		77
49) 1,4-Dioxane	7.73	88	330	4.752	ug/l #	50
51) 4-Methyl-2-Pentanone	8.62	43	3713	0.965	ug/l	92
52) Toluene	8.77	92	15248	2.172	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.30	63	429	0.211	ug/l #	45
59) 2-Hexanone	9.49	43	793	0.282	ug/l #	23
67) Ethyl Benzene	10.23	91	52714	3.732	ug/l	100
68) m/p-Xylenes	10.34	106	61834	11.401	ug/l	100
69) o-Xylene	10.68	106	34522	6.691	ug/l	100
70) Styrene	10.70	104	16899	1.923	ug/l #	73
73) Isopropylbenzene	11.00	105	36463	2.423	ug/l	89
76) 1,2,3-Trichloropropane	11.12	75	109275	24.192	ug/l #	37
78) n-propylbenzene	11.34	91	11726	0.689	ug/l	95
79) 2-Chlorotoluene	11.42	91	27924	2.712	ug/l #	45
80) 1,3,5-Trimethylbenzene	11.49	105	142614	11.427	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.12	75	109275	62.650	ug/l #	13
82) 4-Chlorotoluene	11.49	91	16977	1.379	ug/l #	54
83) tert-Butylbenzene	11.79	119	38787	3.166	ug/l #	31
84) 1,2,4-Trimethylbenzene	11.79	105	275702	21.776	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

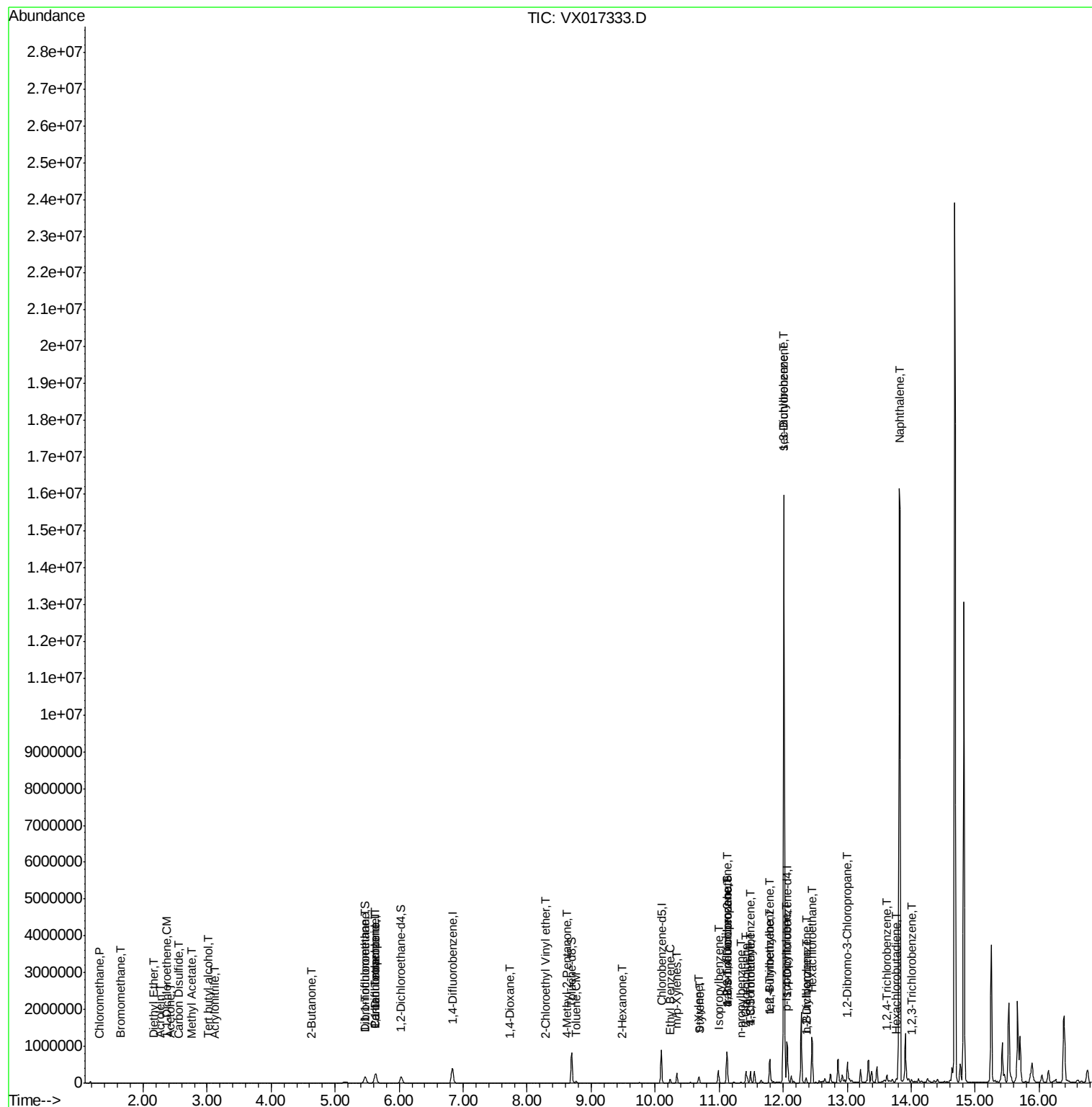
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	12.01	105	199379	13.845	ug/l	87
86) p-Isopropyltoluene	12.05	119	29957	2.235	ug/l #	76
87) 1,3-Dichlorobenzene	12.01	146	1847	0.246	ug/l	89
89) n-Butylbenzene	12.36	91	18325	1.531	ug/l #	24
90) Hexachloroethane	12.45	117	47321	17.900	ug/l #	10
91) 1,2-Dichlorobenzene	12.37	146	2181	0.311	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	13.01	75	9794	8.675	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.63	180	3469	0.724	ug/l #	76
94) Hexachlorobutadiene	13.77	225	2495	2.193	ug/l	85
95) Naphthalene	13.82	128	10022104	688.003	ug/l	97
96) 1,2,3-Trichlorobenzene	14.01	180	3116	0.672	ug/l #	1

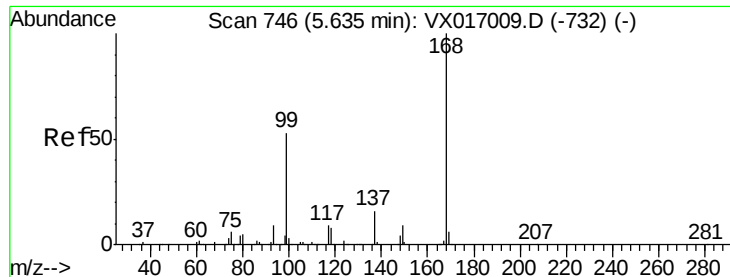
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017333.D

Acq: 10 Jul 2020 14:23

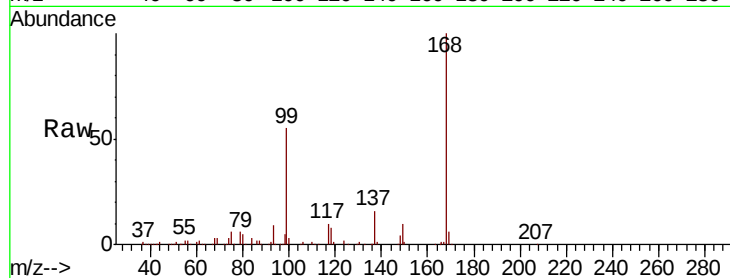
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 255268

Ion Ratio Lower Upper

168 100

99 54.6 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

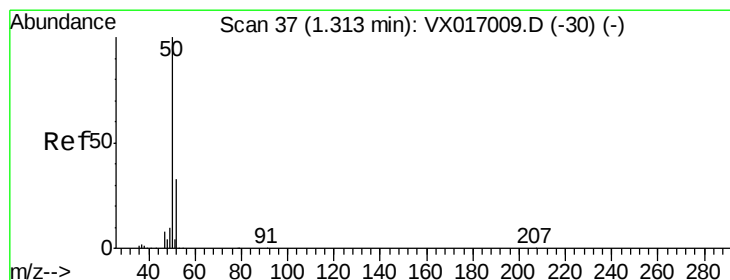
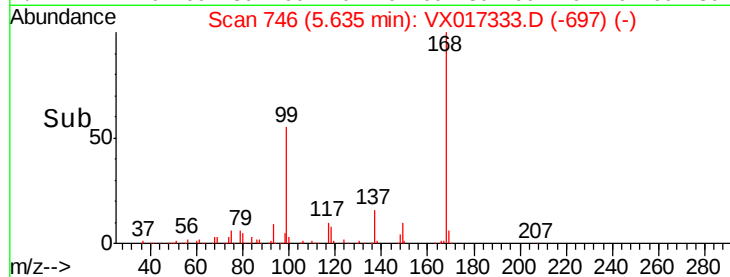
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.200 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017333.D

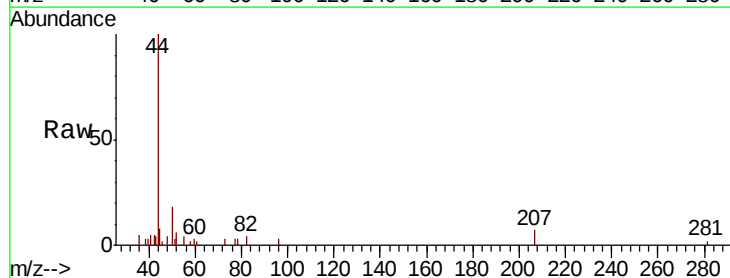
Acq: 10 Jul 2020 14:23

Tgt Ion: 50 Resp: 599

Ion Ratio Lower Upper

50 100

52 31.6 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

500

400

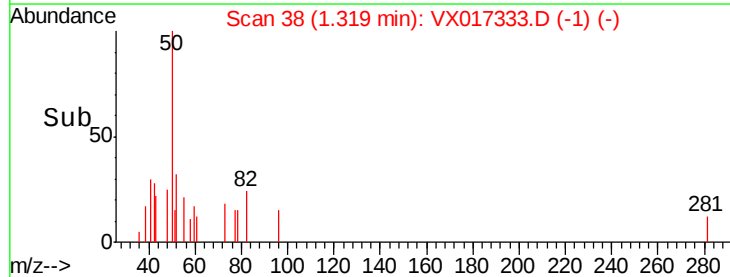
300

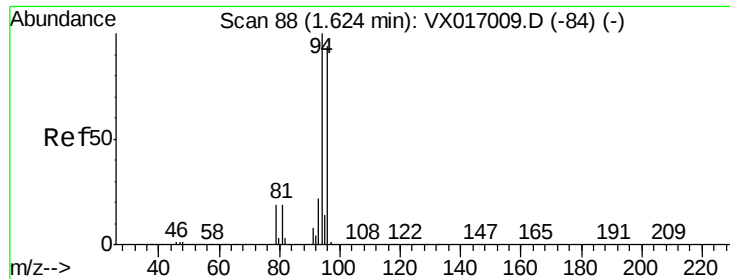
200

100

0

Time-->





#5

Bromomethane

Concen: 0.349 ug/l

RT: 1.65 min Scan# 92

Delta R.T. 0.03 min

Lab File: VX017333.D

Acq: 10 Jul 2020 14:23

Instrument :

MSVOA_X

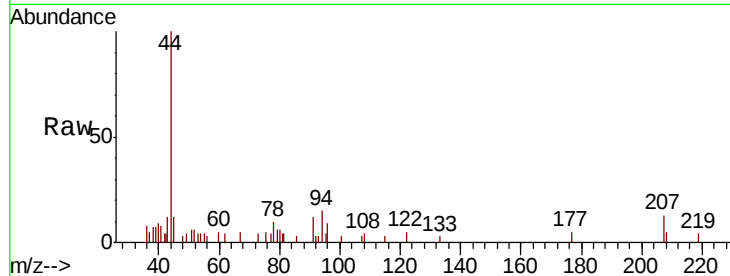
ClientSampled :

Tot Ion: 94 Resp: 511

Ion Ratio Lower Upper

94 100

96 29.5 75.0 112.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

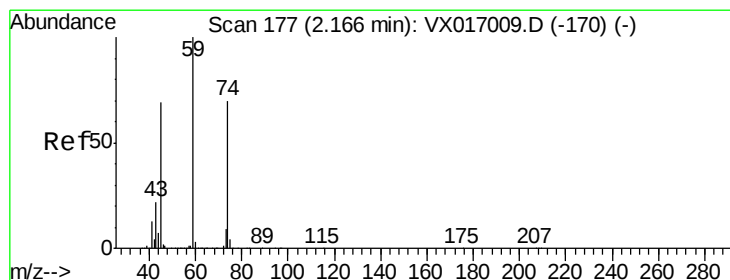
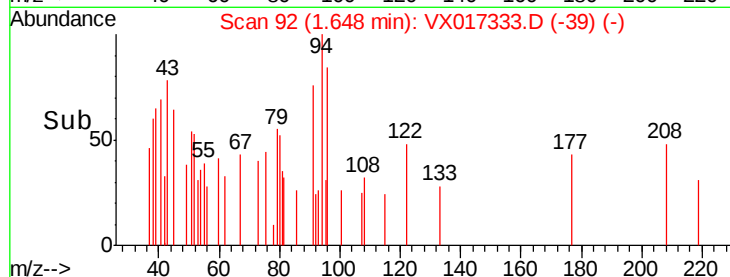
300

200

100

0

Time-->



#8

Diethyl Ether

Concen: 0.380 ug/l

RT: 2.17 min Scan# 177

Delta R.T. 0.00 min

Lab File: VX017333.D

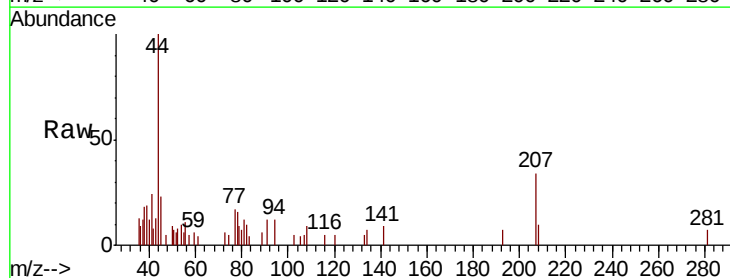
Acq: 10 Jul 2020 14:23

Tgt Ion: 74 Resp: 20

Ion Ratio Lower Upper

74 100

45 0.0 49.8 149.3#



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.17

300

250

200

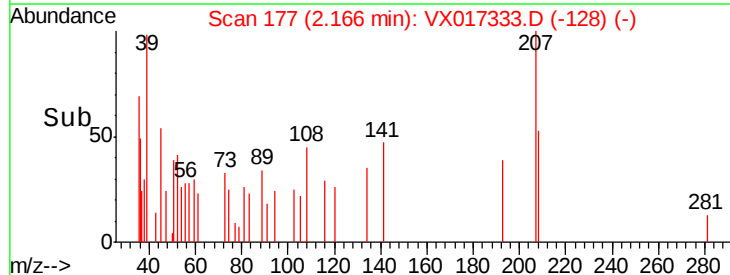
150

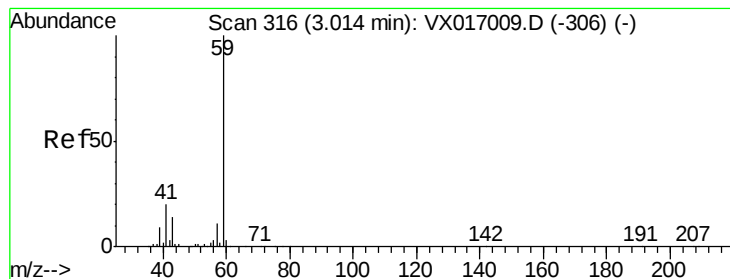
100

50

0

Time-->



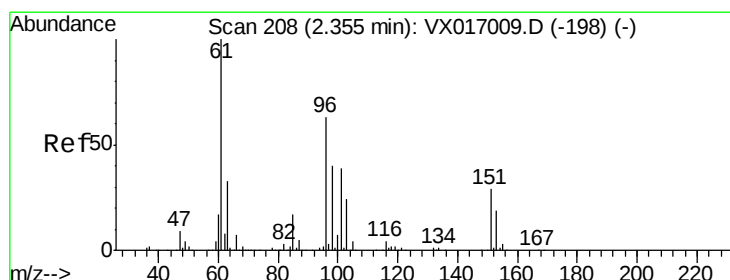
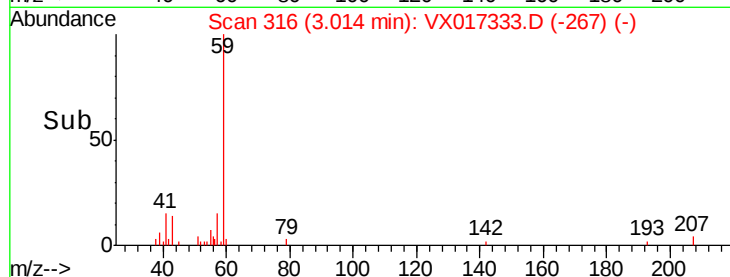
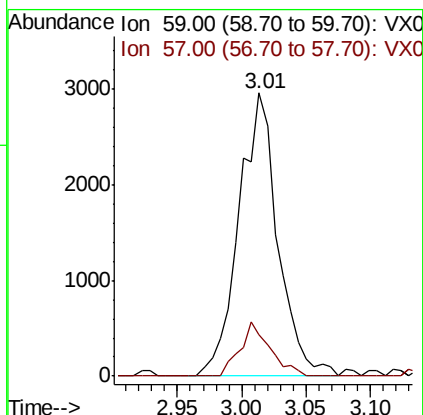
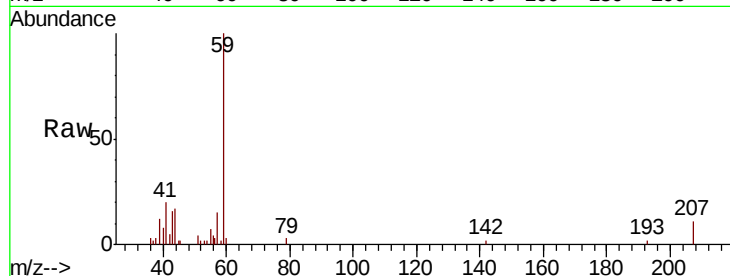


#11

Tert butyl alcohol
 Concen: 10.339 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX017333.D
 Acq: 10 Jul 2020 14:23

Instrument :
 MSVOA_X
 ClientSampled :

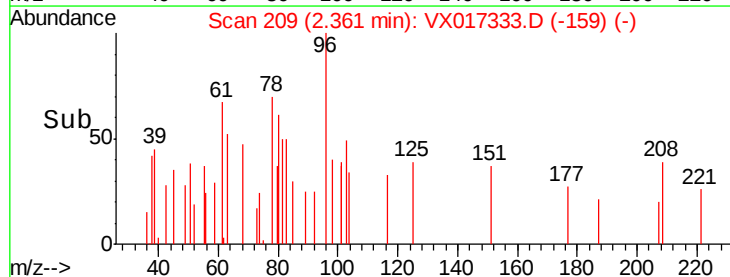
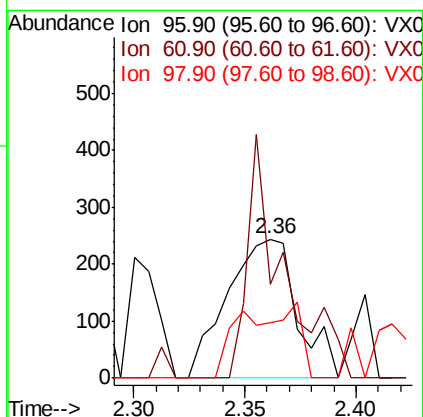
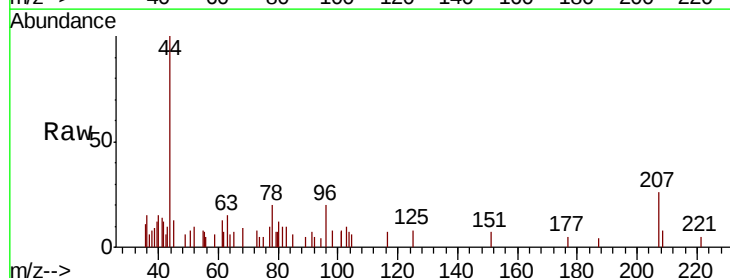
Tot Ion: 59 Resp: 6207
 Ion Ratio Lower Upper
 59 100
 57 14.8 8.2 12.2#

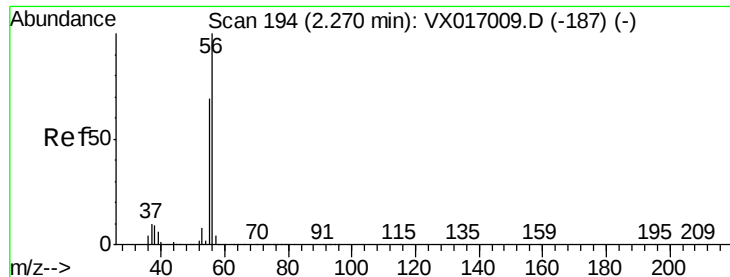


#12

1,1-Dichloroethene
 Concen: 0.213 ug/l
 RT: 2.36 min Scan# 209
 Delta R.T. 0.01 min
 Lab File: VX017333.D
 Acq: 10 Jul 2020 14:23

Tgt Ion: 96 Resp: 537
 Ion Ratio Lower Upper
 96 100
 61 67.2 126.3 189.5#
 98 39.8 51.0 76.6#





#13

Acrolein

Concen: 1.365 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX017333.D

Acq: 10 Jul 2020 14:23

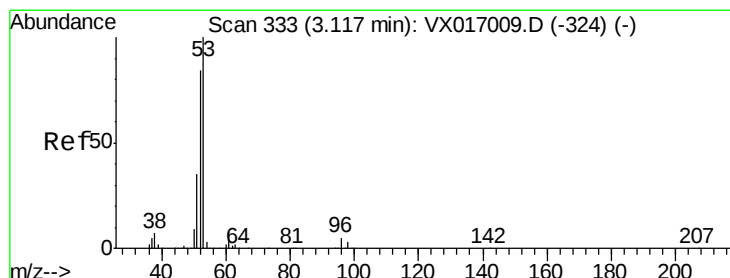
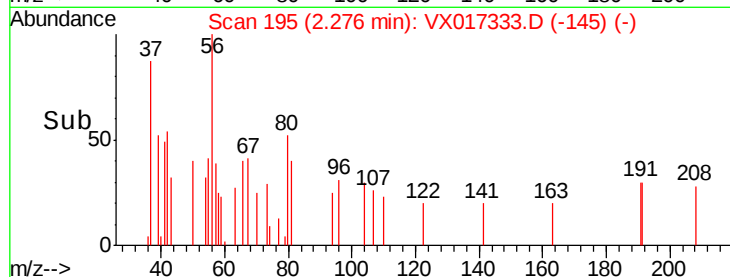
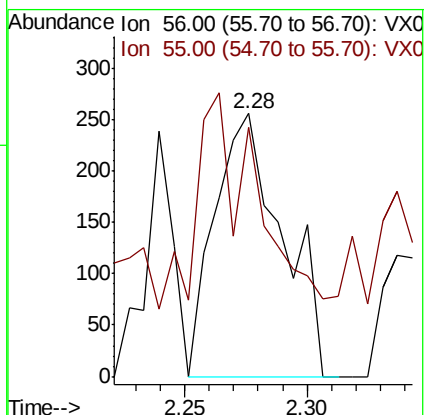
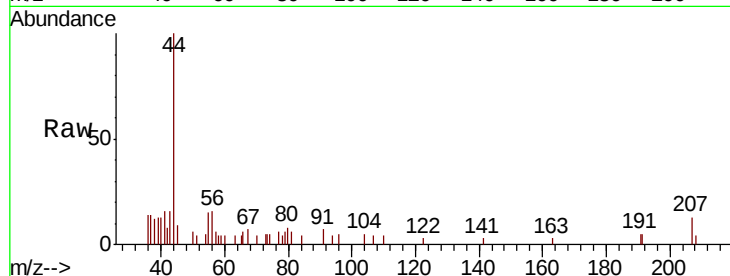
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 490

Ion Ratio Lower Upper

56 100

55 74.5 55.7 83.5



#15

Acrylonitrile

Concen: 0.425 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX017333.D

Acq: 10 Jul 2020 14:23

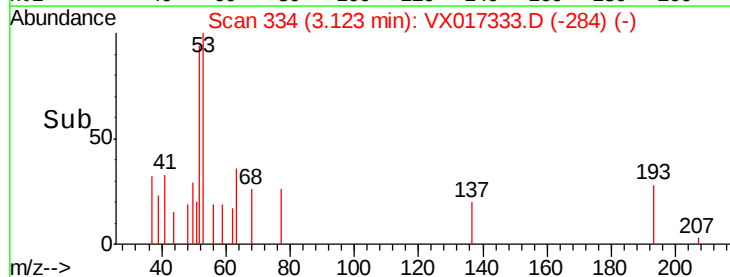
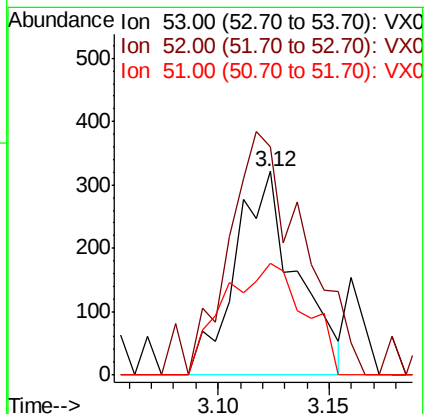
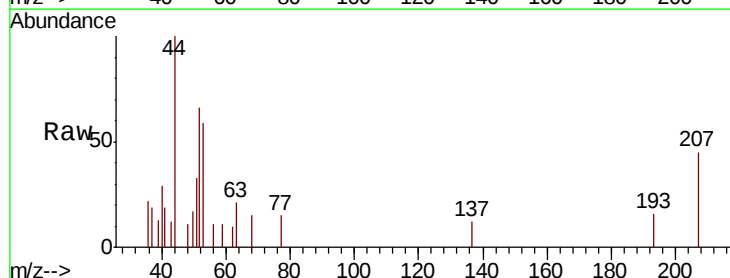
Tgt Ion: 53 Resp: 614

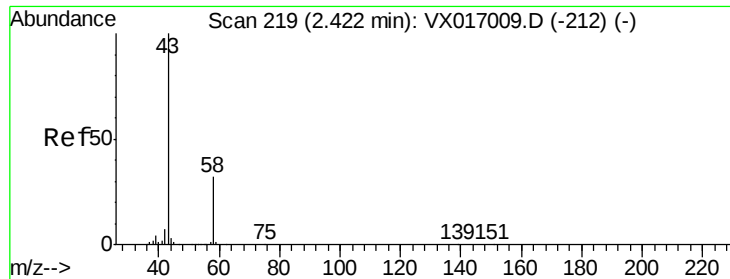
Ion Ratio Lower Upper

53 100

52 150.0 65.6 98.4#

51 72.5 28.3 42.5#





#16

Acetone

Concen: 2.934 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017333.D

Acq: 10 Jul 2020 14:23

Instrument :

MSVOA_X

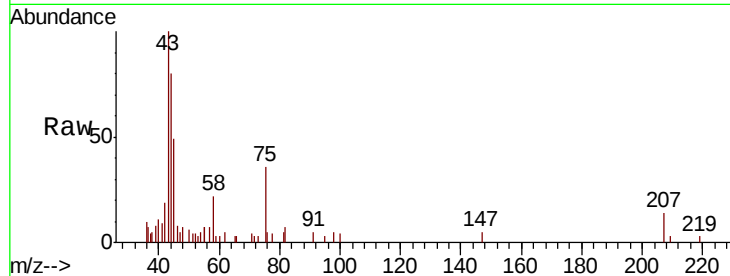
ClientSampleId :

Tot Ion: 43 Resp: 3454

Ion Ratio Lower Upper

43 100

58 19.7 25.7 38.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

2000

1500

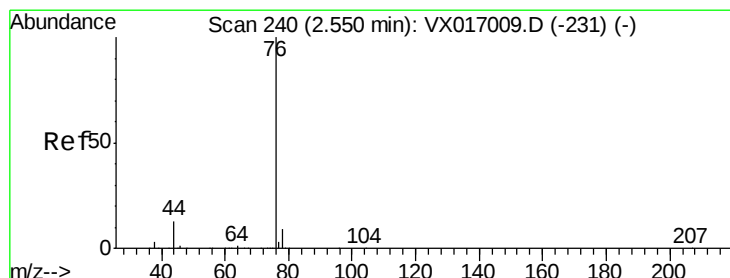
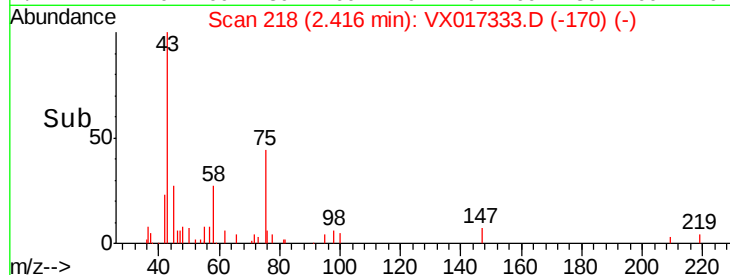
1000

500

0

2.35 2.40 2.45 2.50

Time-->



#17

Carbon Disulfide

Concen: 0.392 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017333.D

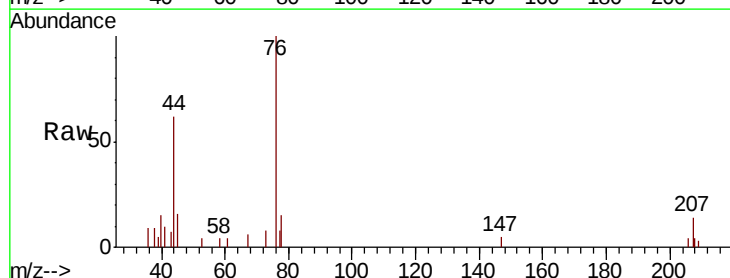
Acq: 10 Jul 2020 14:23

Tgt Ion: 76 Resp: 2603

Ion Ratio Lower Upper

76 100

78 15.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

1500

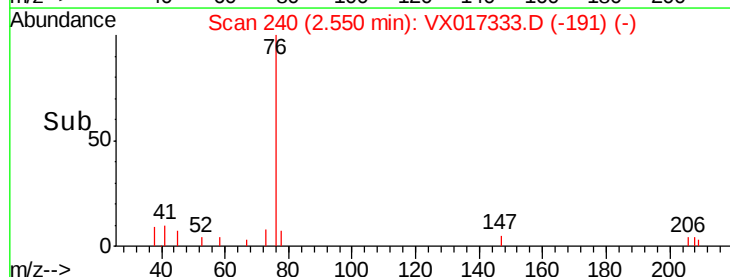
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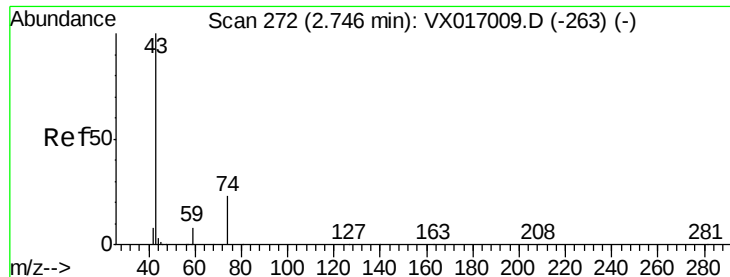
500

0

2.50 2.55 2.60

Time-->

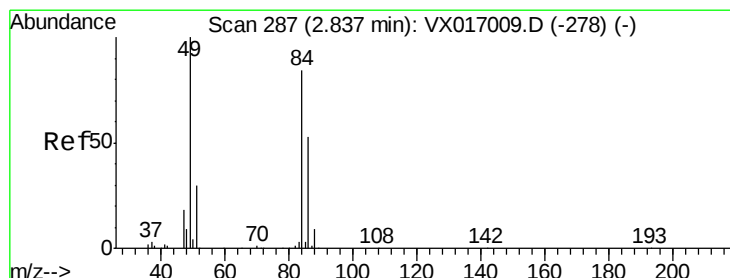
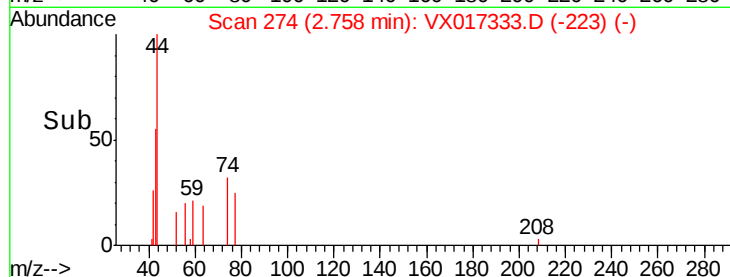
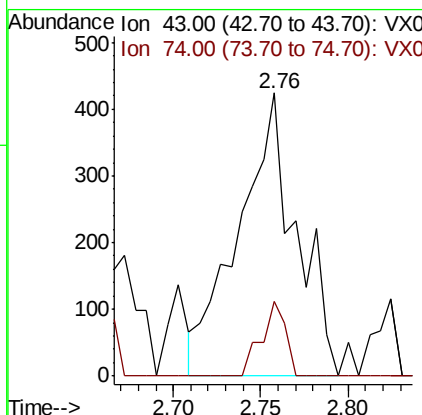
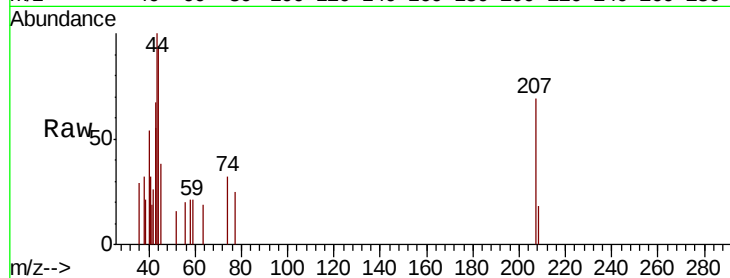




#18
Methyl Acetate
Concen: 0.317 ug/l
RT: 2.76 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX017333.D
Acq: 10 Jul 2020 14:23

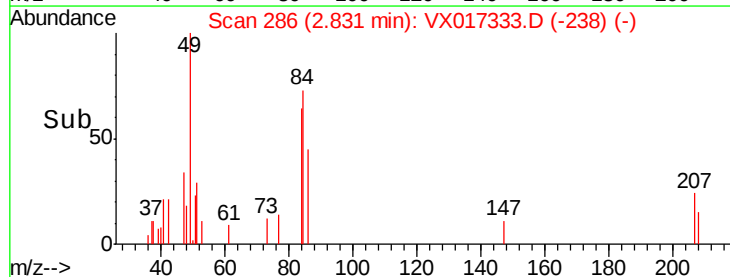
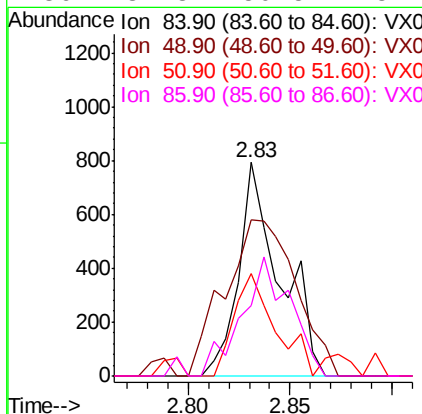
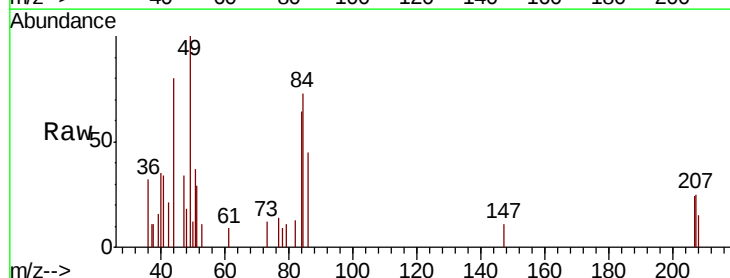
Instrument :
MSVOA_X
ClientSampled :

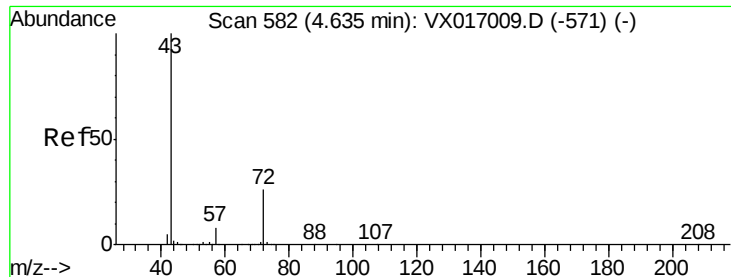
Tot Ion: 43 Resp: 974
Ion Ratio Lower Upper
43 100
74 10.9 19.3 28.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017333.D
Acq: 10 Jul 2020 14:23

Tgt Ion: 84 Resp: 1114
Ion Ratio Lower Upper
84 100
49 73.1 94.7 142.1#
51 47.8 28.6 42.8#
86 32.8 50.5 75.7#

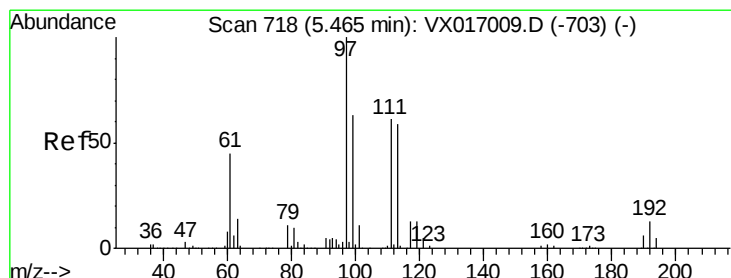
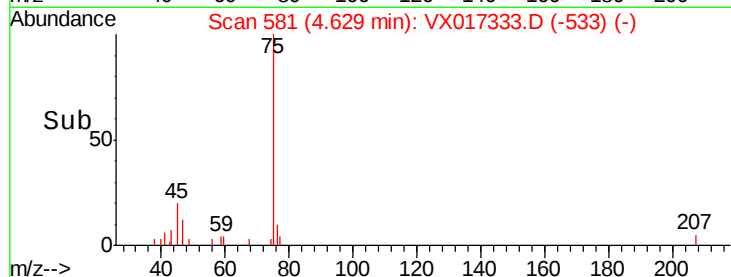
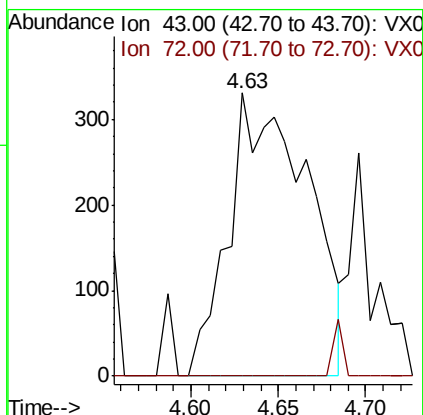
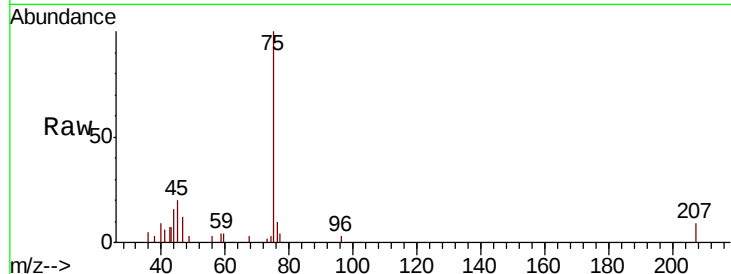




#25
2-Butanone
Concen: 0.530 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX017333.D
Acq: 10 Jul 2020 14:23

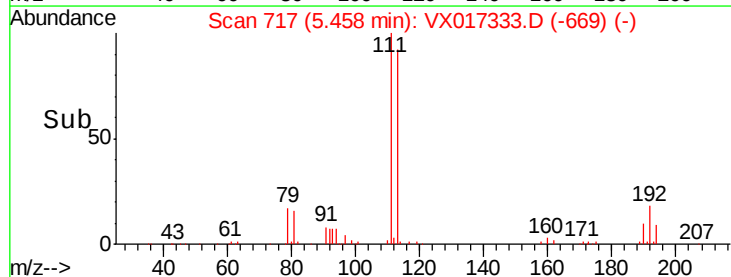
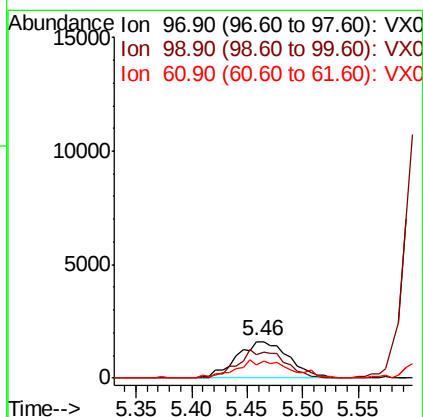
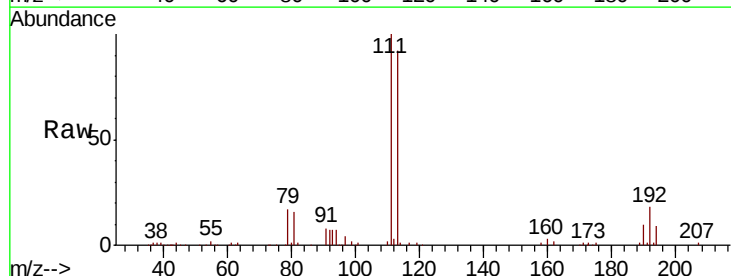
Instrument :
MSVOA_X
ClientSampleId :

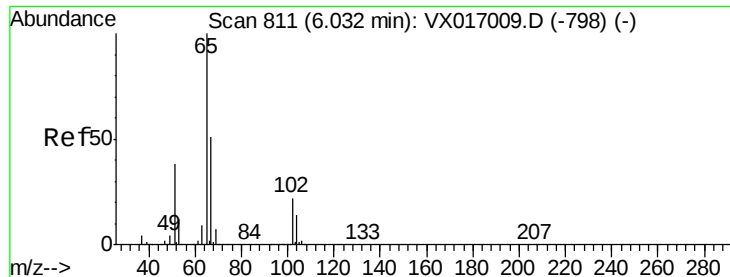
Tot Ion: 43 Resp: 1039
Ion Ratio Lower Upper
43 100
72 0.0 20.8 31.2#



#32
1,1,1-Trichloroethane
Concen: 1.126 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017333.D
Acq: 10 Jul 2020 14:23

Tgt Ion: 97 Resp: 5223
Ion Ratio Lower Upper
97 100
99 0.0 50.8 76.2#
61 50.4 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 49.741 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017333.D

Acq: 10 Jul 2020 14:23

Instrument :

MSVOA_X

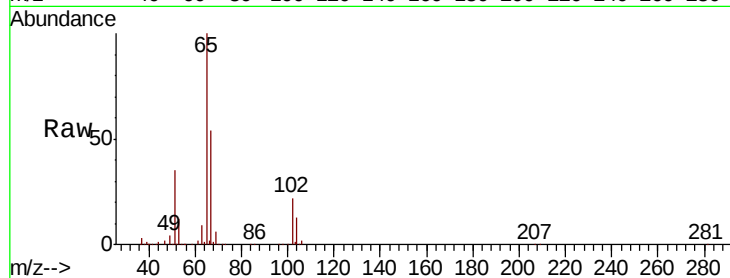
ClientSampleId :

Tot Ion: 65 Resp: 156532

Ion Ratio Lower Upper

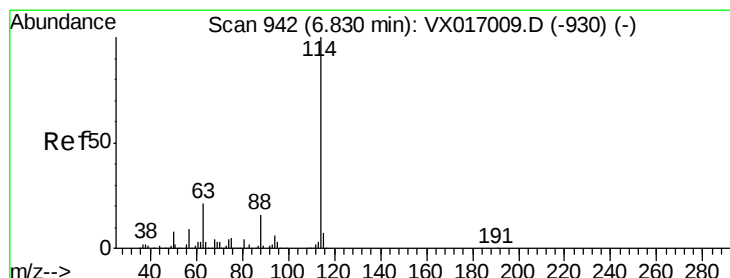
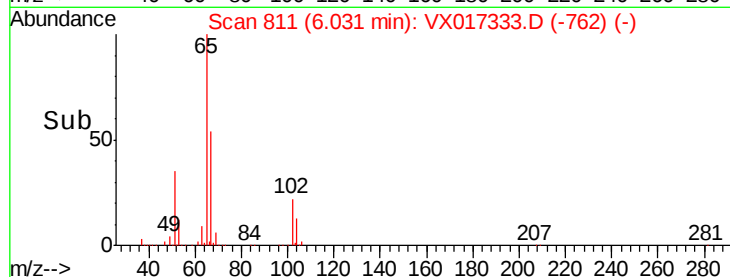
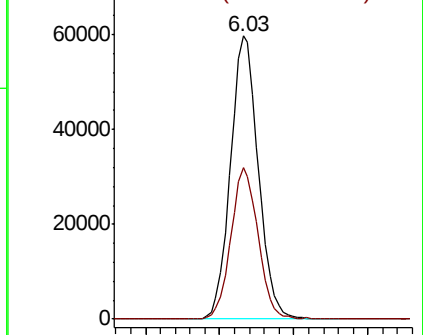
65 100

67 52.2 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017333.D

Acq: 10 Jul 2020 14:23

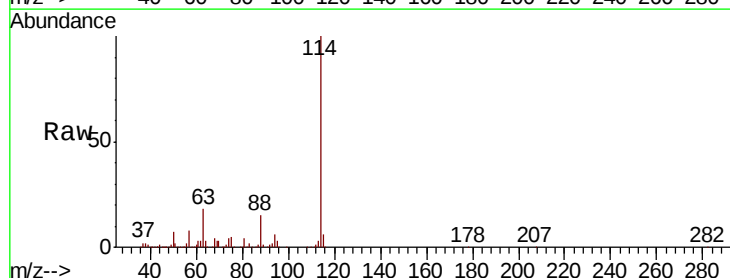
Tgt Ion: 114 Resp: 404892

Ion Ratio Lower Upper

114 100

63 18.5 0.0 41.4

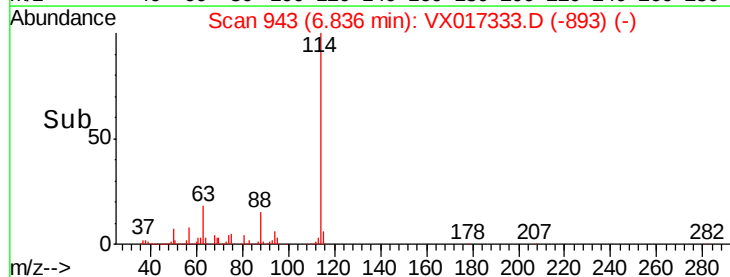
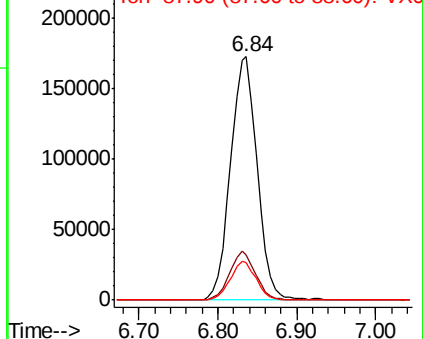
88 15.2 0.0 32.4

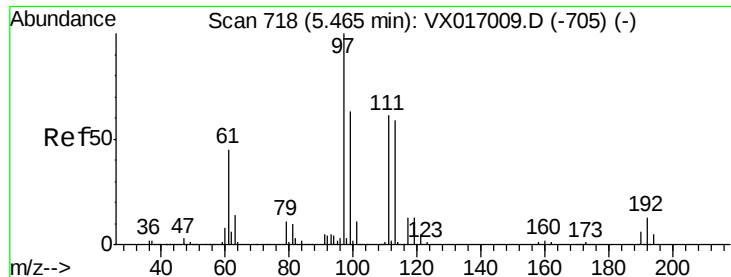


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.991 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017333.D

Acq: 10 Jul 2020 14:23

Instrument :

MSVOA_X

ClientSampleId :

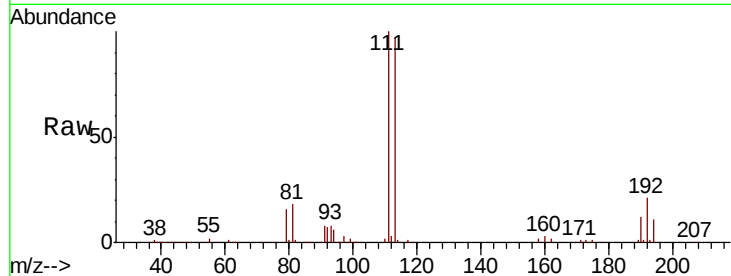
Tot Ion:113 Resp: 133160

Ion Ratio Lower Upper

113 100

111 101.7 81.9 122.9

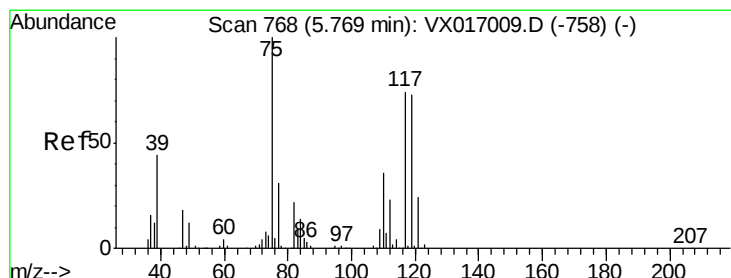
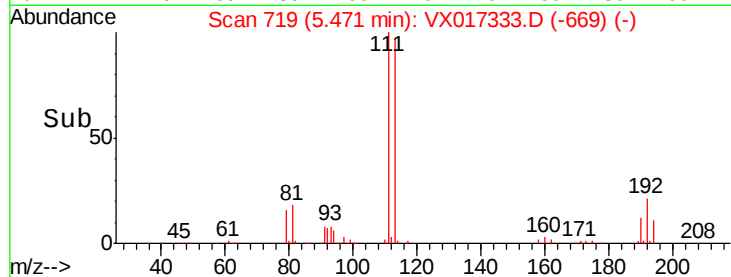
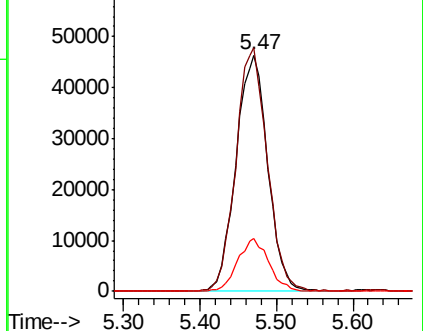
192 22.1 16.7 25.1



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: 4.604 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX017333.D

Acq: 10 Jul 2020 14:23

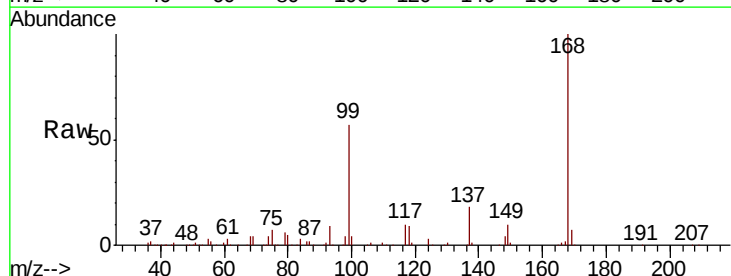
Tgt Ion: 75 Resp: 17618

Ion Ratio Lower Upper

75 100

110 11.9 18.1 54.1#

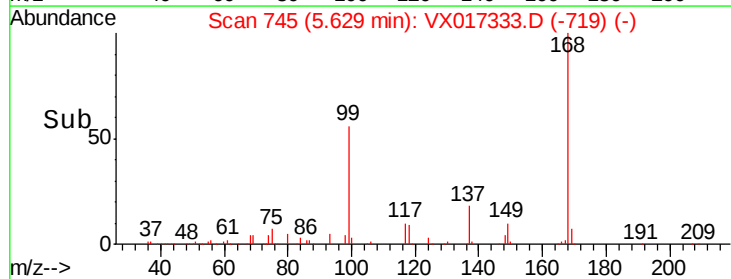
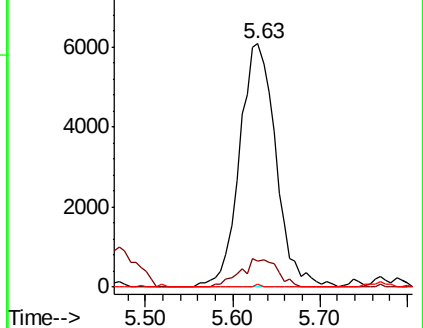
77 0.2 24.6 37.0#

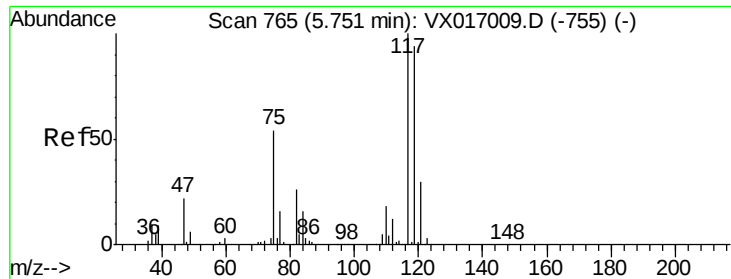


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.908 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.12 min

Lab File: VX017333.D

Acq: 10 Jul 2020 14:23

Instrument :

MSVOA_X

ClientSampleId :

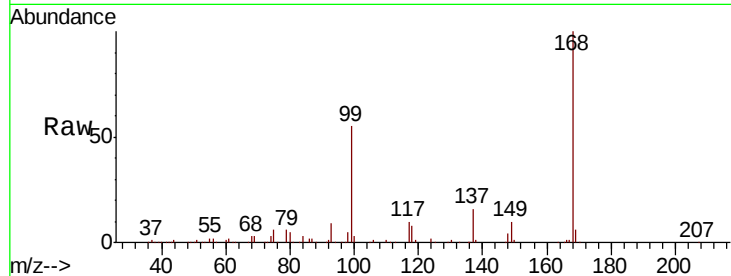
Tot Ion:117 Resp: 24901

Ion Ratio Lower Upper

117 100

119 6.4 75.4 113.0#

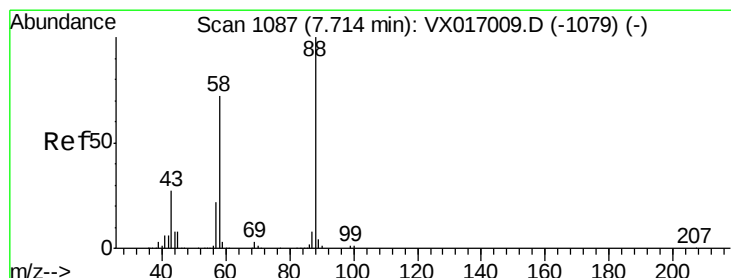
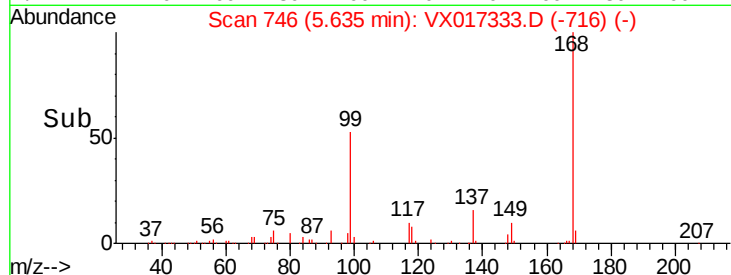
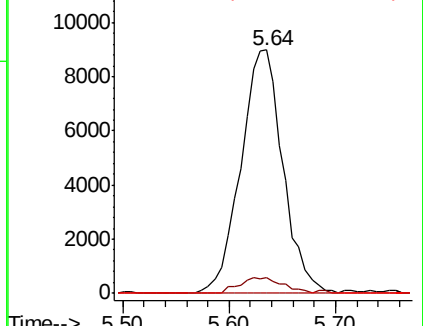
121 0.0 23.8 35.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#49

1,4-Dioxane

Concen: 4.752 ug/l

RT: 7.73 min Scan# 1090

Delta R.T. 0.02 min

Lab File: VX017333.D

Acq: 10 Jul 2020 14:23

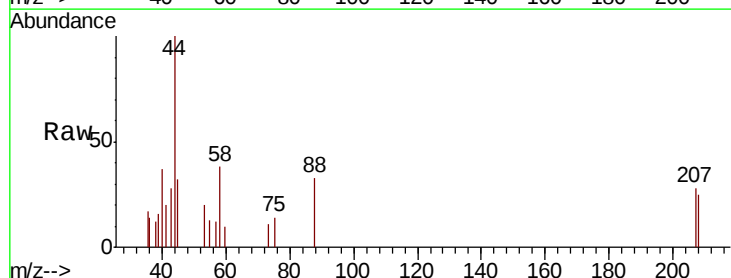
Tgt Ion: 88 Resp: 330

Ion Ratio Lower Upper

88 100

43 0.0 25.8 38.8#

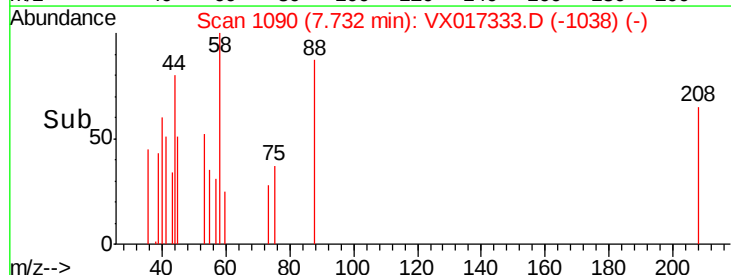
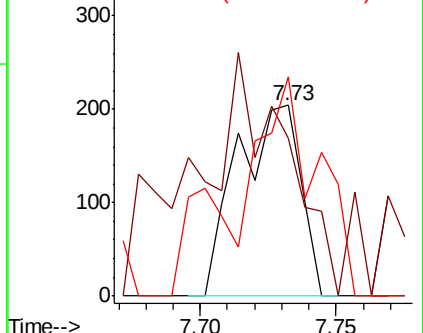
58 105.8 54.8 82.2#

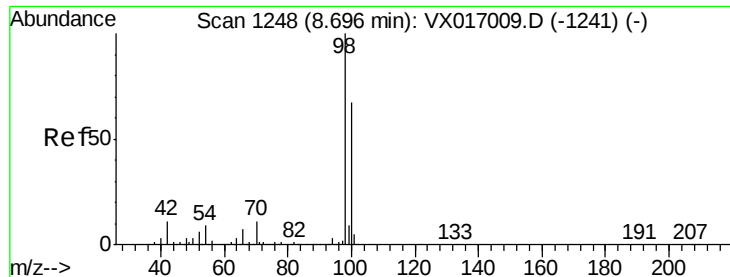


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

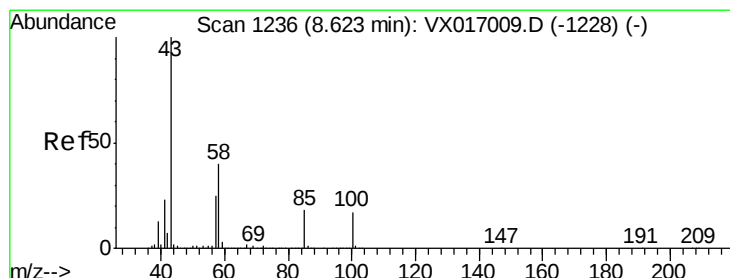
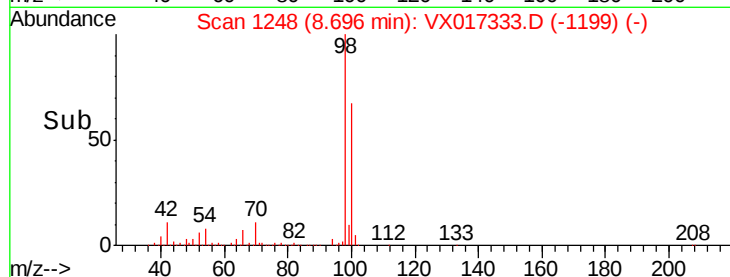
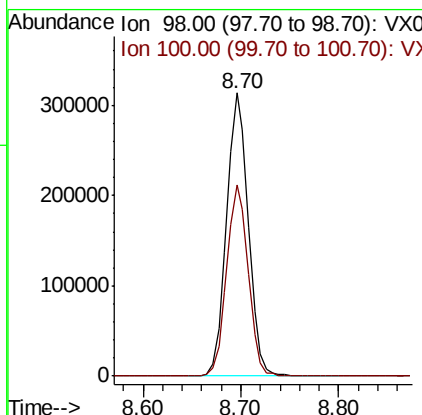
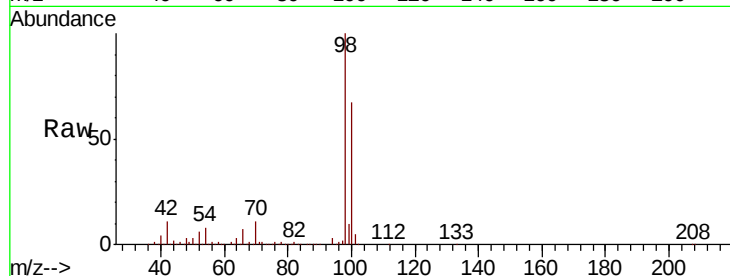




#50
Toluene-d8
Concen: 51.003 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017333.D
Acq: 10 Jul 2020 14:23

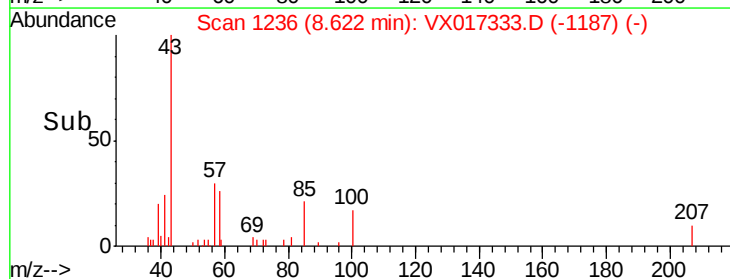
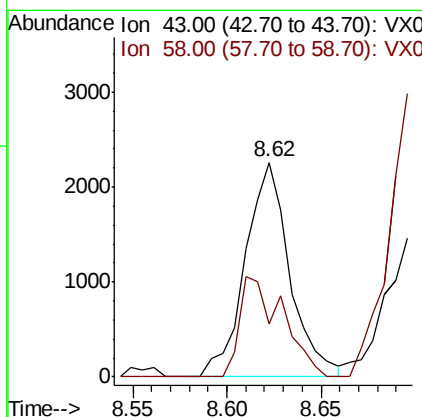
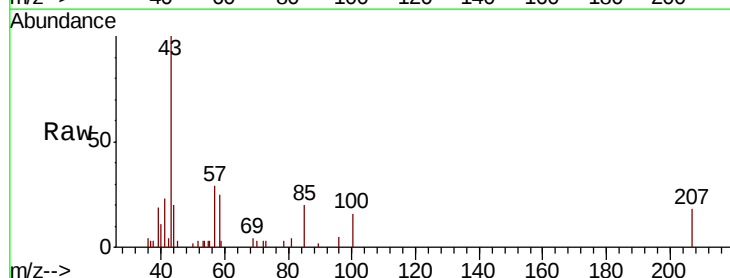
Instrument :
MSVOA_X
ClientSampleId :

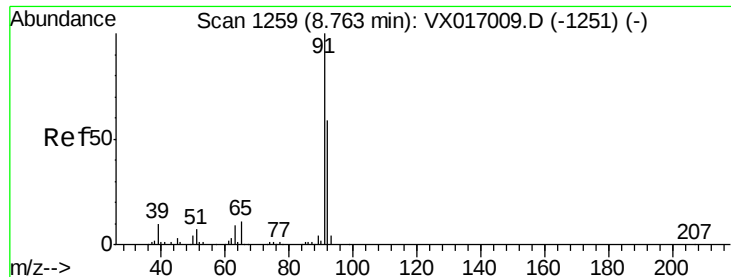
Tot Ion: 98 Resp: 483047
Ion Ratio Lower Upper
98 100
100 67.1 53.8 80.6



#51
4-Methyl-2-Pentanone
Concen: 0.965 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017333.D
Acq: 10 Jul 2020 14:23

Tgt Ion: 43 Resp: 3713
Ion Ratio Lower Upper
43 100
58 45.0 31.9 47.9





#52

Toluene

Concen: 2.172 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017333.D

Acq: 10 Jul 2020 14:23

Instrument :

MSVOA_X

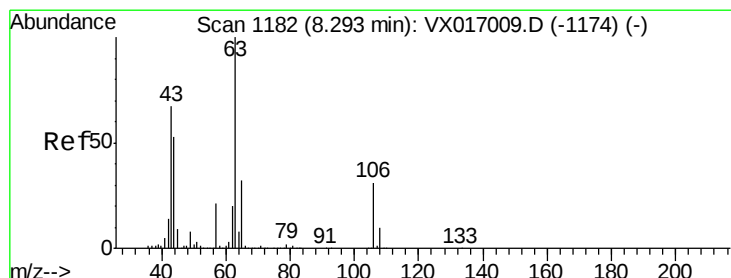
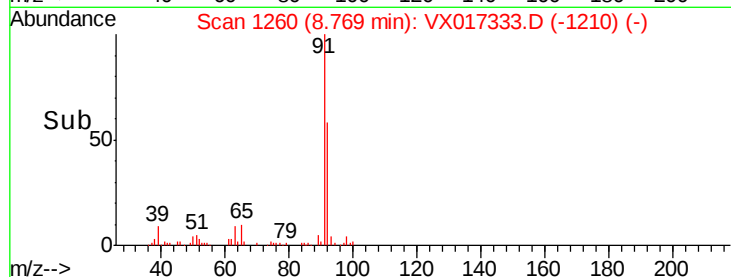
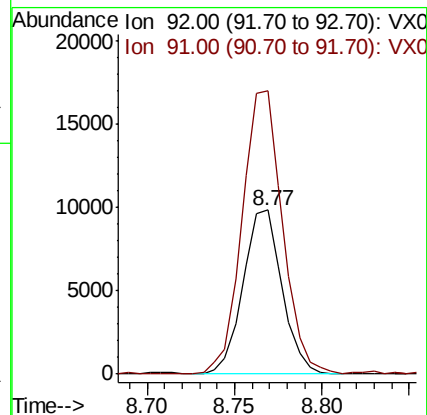
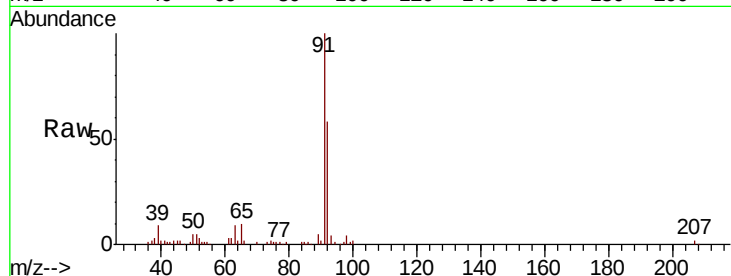
ClientSampleId :

Tot Ion: 92 Resp: 15248

Ion Ratio Lower Upper

92 100

91 178.7 136.9 205.3



#58

2-Chloroethyl Vinyl ether

Concen: 0.211 ug/l

RT: 8.30 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VX017333.D

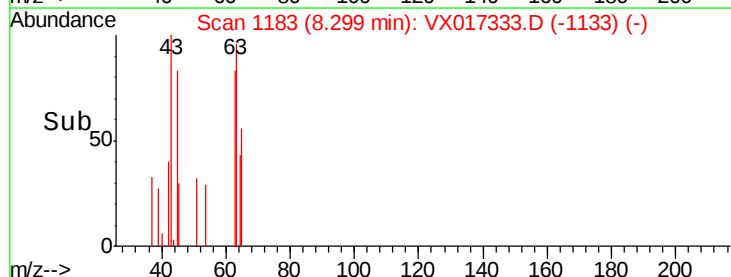
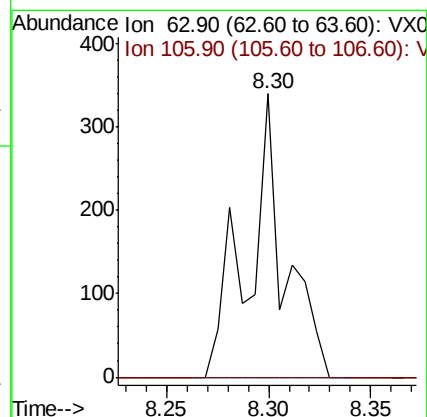
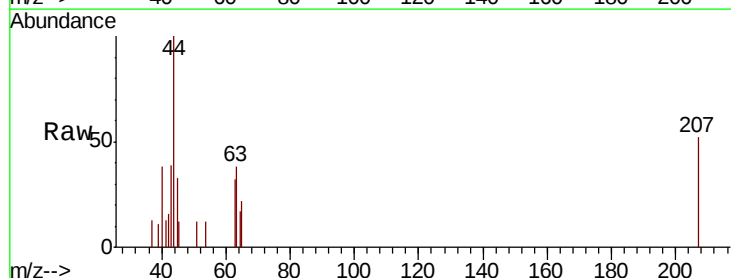
Acq: 10 Jul 2020 14:23

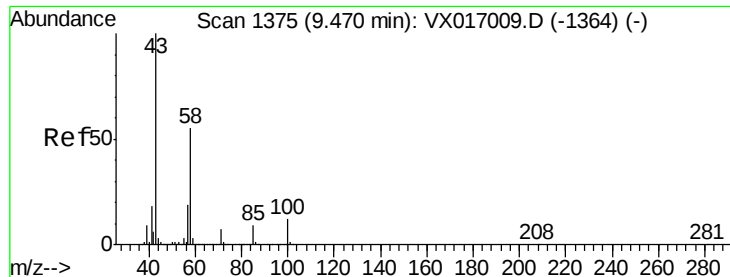
Tgt Ion: 63 Resp: 429

Ion Ratio Lower Upper

63 100

106 0.0 24.0 36.0#

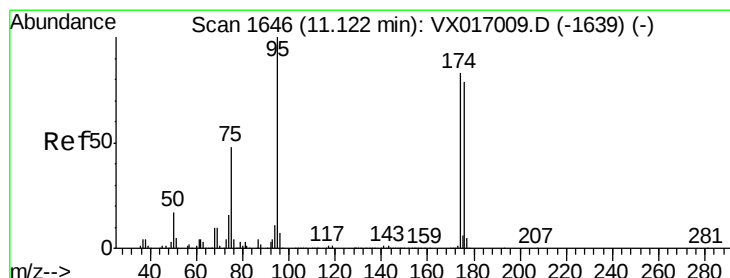
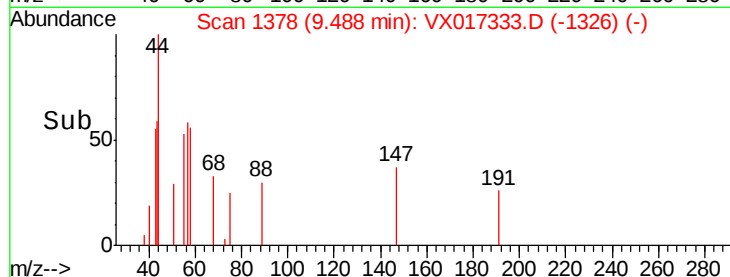
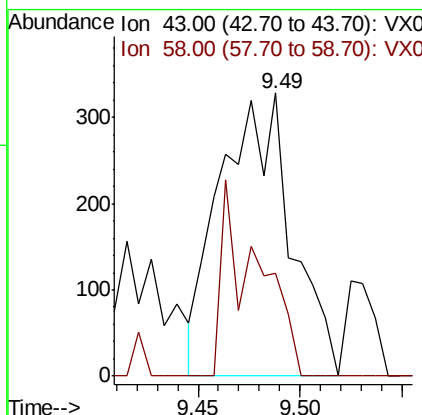
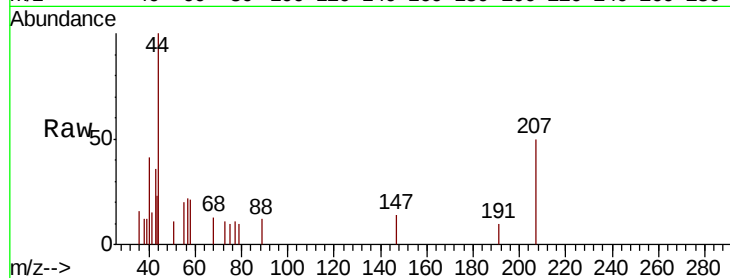




#59
2-Hexanone
Concen: 0.282 ug/l
RT: 9.49 min Scan# 1378
Delta R.T. 0.02 min
Lab File: VX017333.D
Acq: 10 Jul 2020 14:23

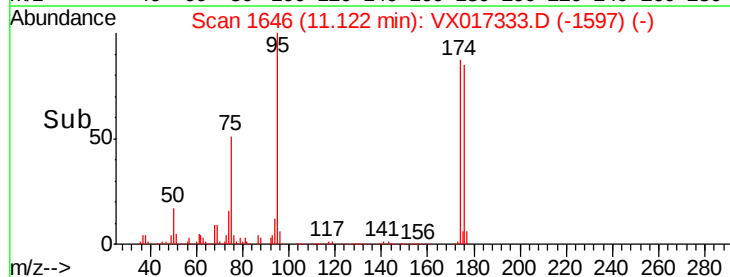
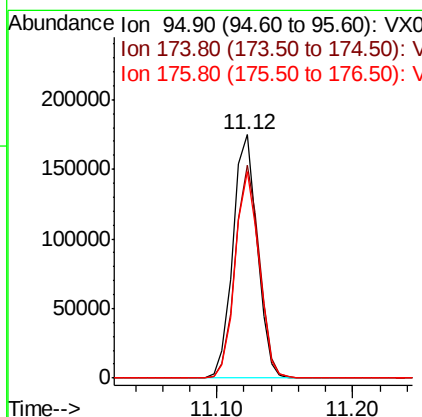
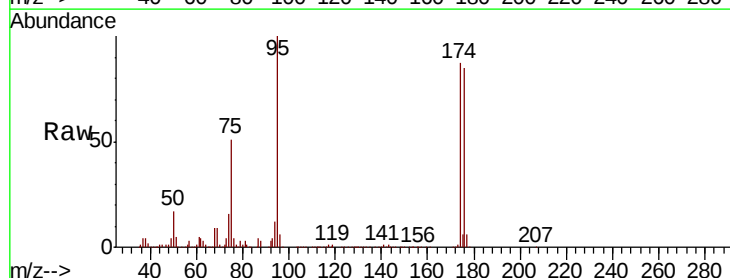
Instrument :
MSVOA_X
ClientSampleId :

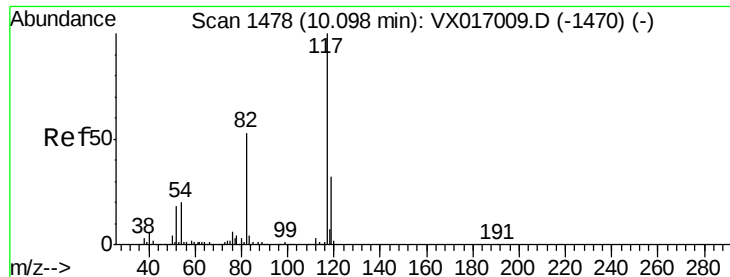
Tot Ion: 43 Resp: 793
Ion Ratio Lower Upper
43 100
58 0.0 27.9 83.6#



#62
4-Bromofluorobenzene
Concen: 58.905 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017333.D
Acq: 10 Jul 2020 14:23

Tgt Ion: 95 Resp: 218084
Ion Ratio Lower Upper
95 100
174 86.7 0.0 164.0
176 83.1 0.0 157.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017333.D

Acq: 10 Jul 2020 14:23

Instrument :

MSVOA_X

ClientSampled :

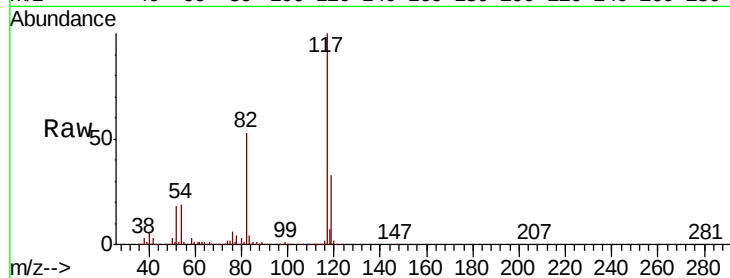
Tot Ion:117 Resp: 409798

Ion Ratio Lower Upper

117 100

82 52.9 42.6 63.8

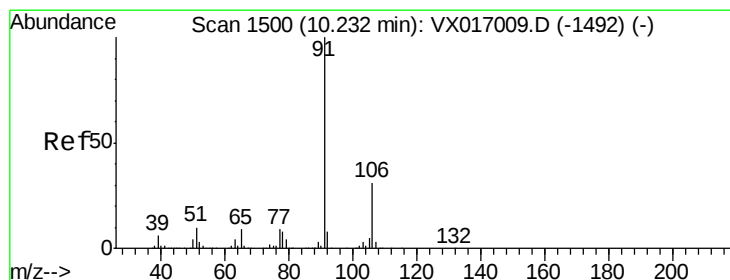
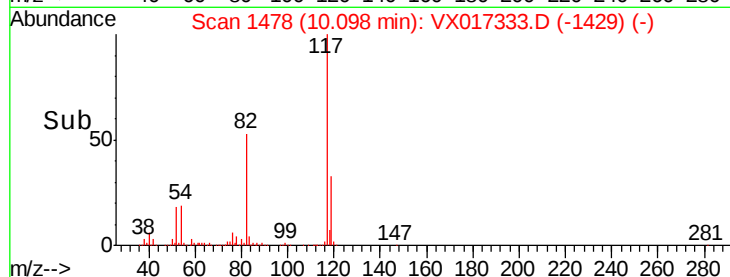
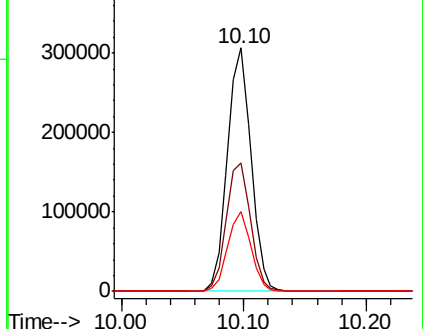
119 33.0 25.4 38.2



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



#67

Ethyl Benzene

Concen: 3.732 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017333.D

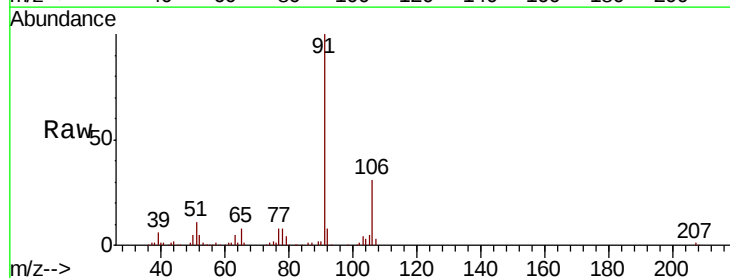
Acq: 10 Jul 2020 14:23

Tgt Ion: 91 Resp: 52714

Ion Ratio Lower Upper

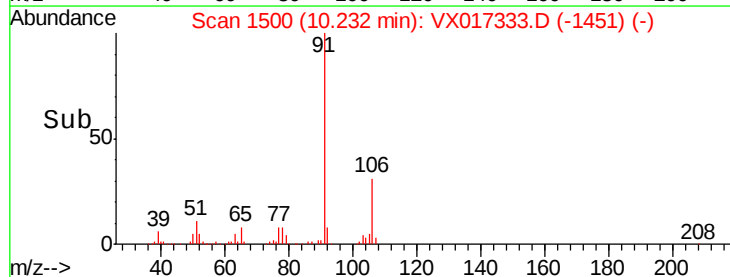
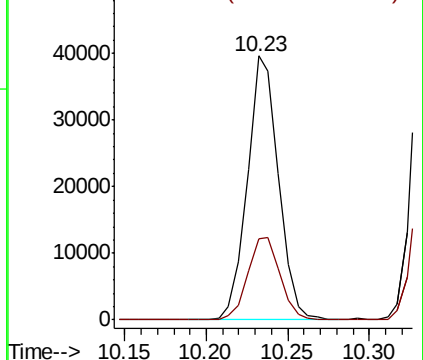
91 100

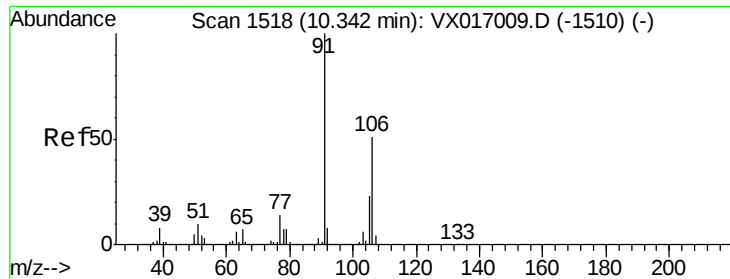
106 30.8 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

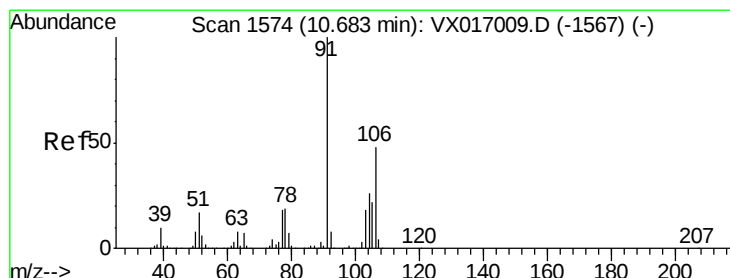
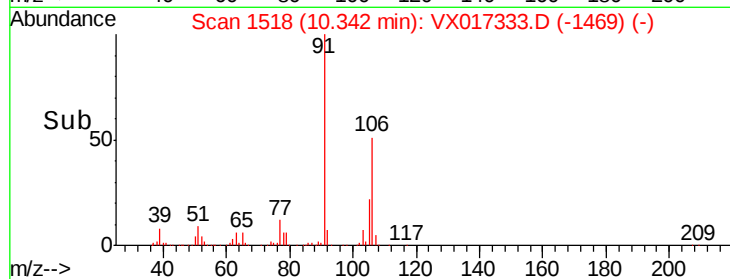
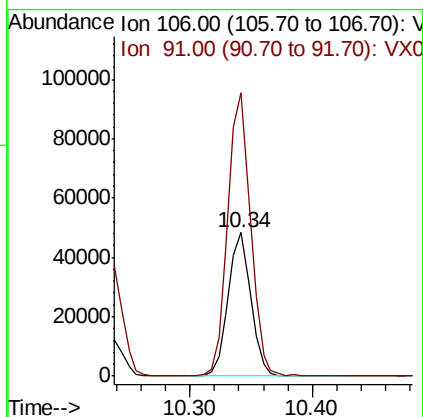
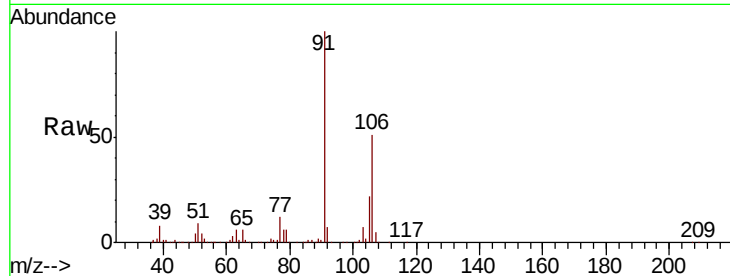




#68
m/p-Xvlenes
Concen: 11.401 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017333.D
Acq: 10 Jul 2020 14:23

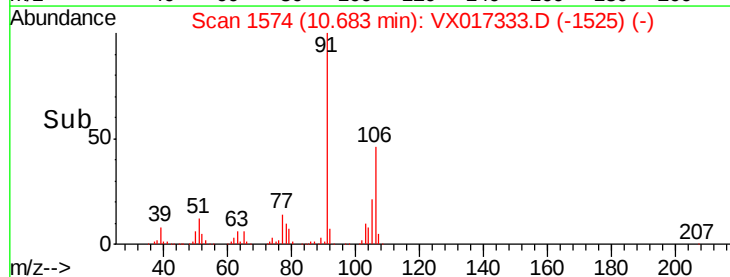
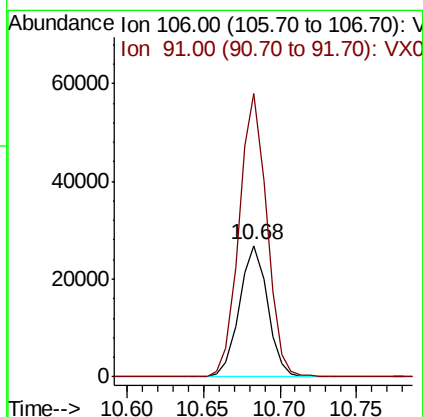
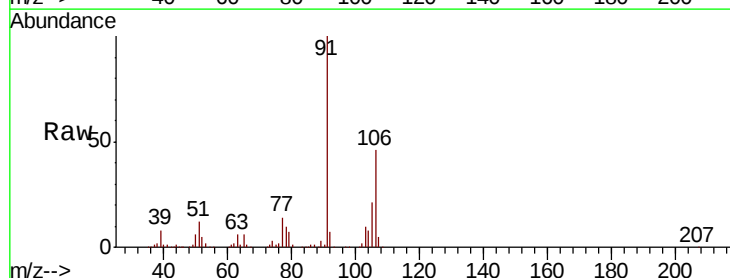
Instrument :
MSVOA_X
ClientSampleId :

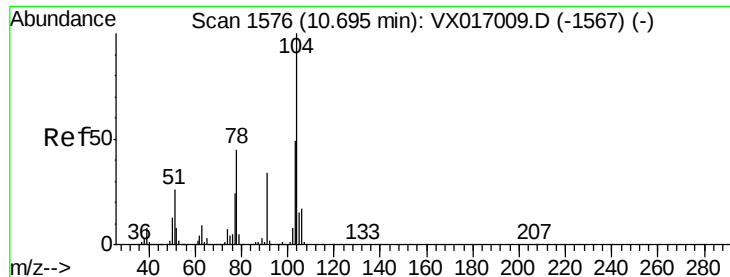
Tot Ion:106 Resp: 61834
Ion Ratio Lower Upper
106 100
91 198.7 158.6 238.0



#69
o-Xylene
Concen: 6.691 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017333.D
Acq: 10 Jul 2020 14:23

Tgt Ion:106 Resp: 34522
Ion Ratio Lower Upper
106 100
91 211.1 105.6 316.7

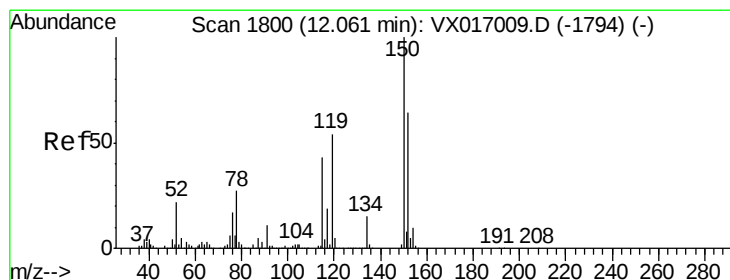
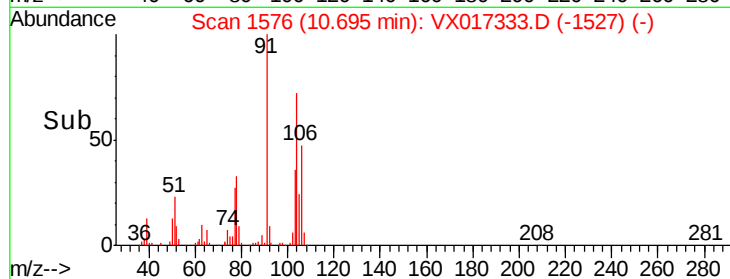
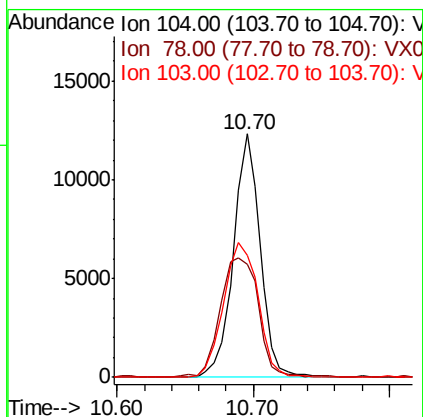
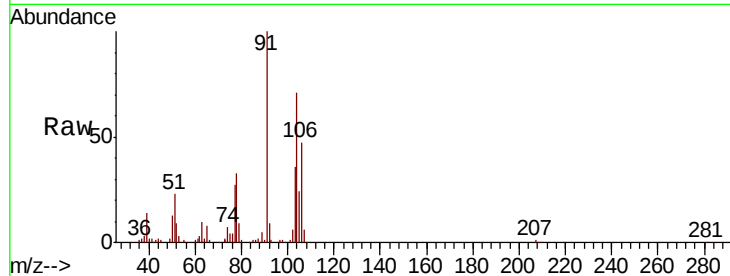




#70
Stvrene
Concen: 1.923 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017333.D
Acq: 10 Jul 2020 14:23

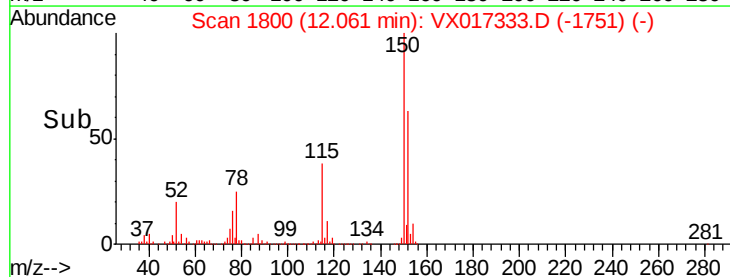
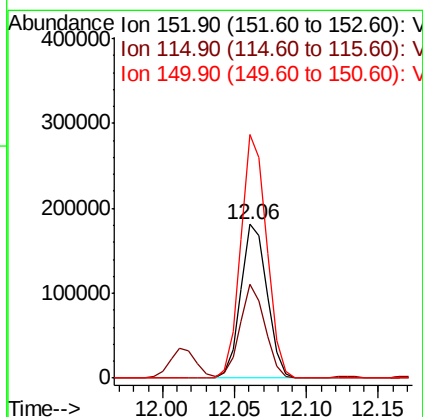
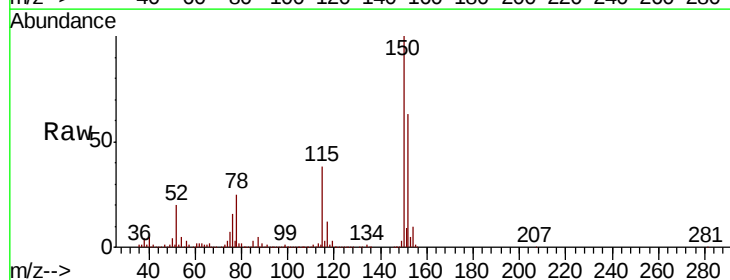
Instrument :
MSVOA_X
ClientSampleId :

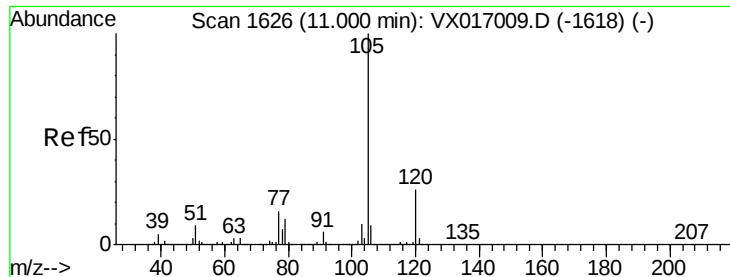
Tot Ion:104 Resp: 16899
Ion Ratio Lower Upper
104 100
78 69.7 39.5 59.3#
103 70.9 43.0 64.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017333.D
Acq: 10 Jul 2020 14:23

Tgt Ion:152 Resp: 229700
Ion Ratio Lower Upper
152 100
115 57.8 40.9 122.7
150 155.6 0.0 351.6





#73

Isopropylbenzene

Concen: 2.423 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017333.D

Acq: 10 Jul 2020 14:23

Instrument :

MSVOA_X

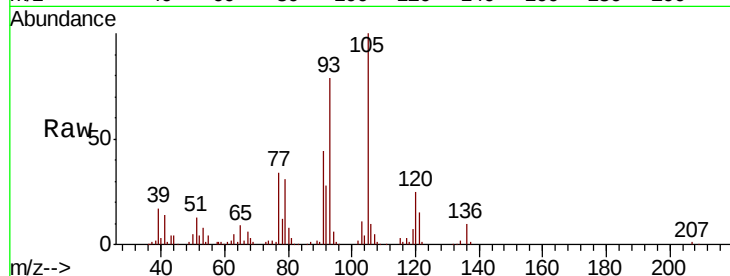
ClientSampleId :

Tot Ion:105 Resp: 36463

Ion Ratio Lower Upper

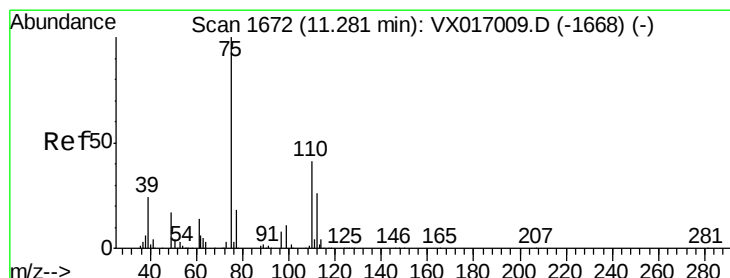
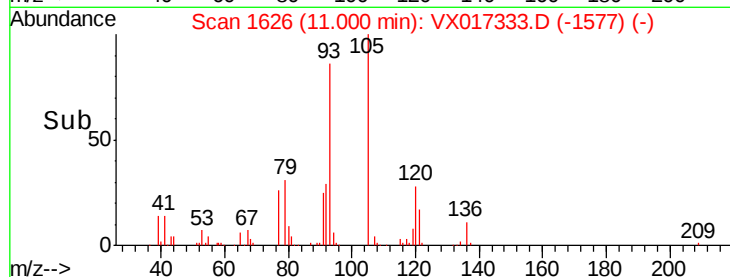
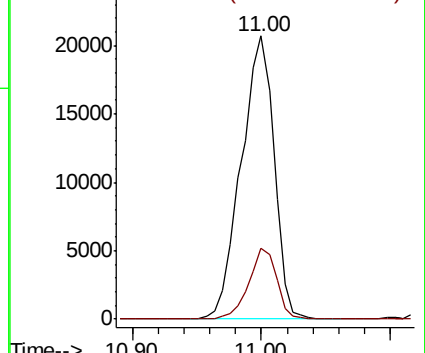
105 100

120 21.0 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 24.192 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017333.D

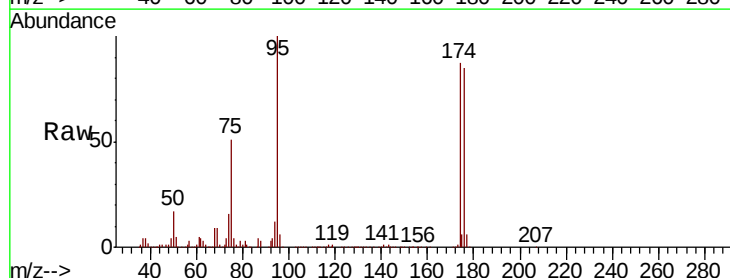
Acq: 10 Jul 2020 14:23

Tgt Ion: 75 Resp: 109275

Ion Ratio Lower Upper

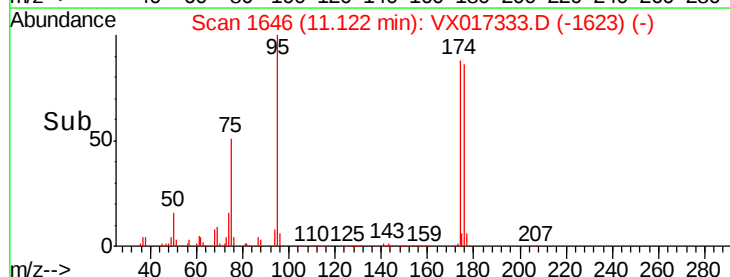
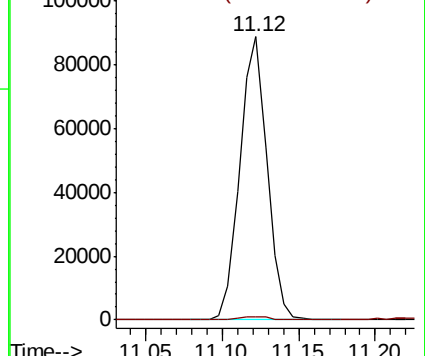
75 100

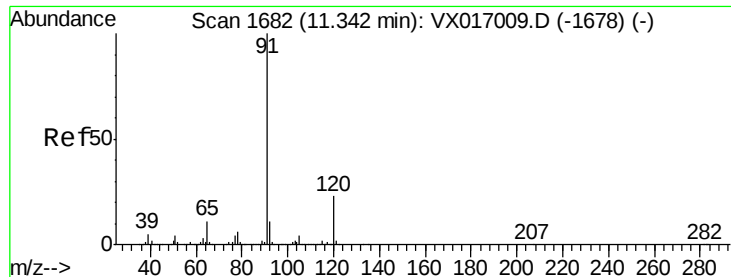
77 1.4 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.689 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017333.D

Acq: 10 Jul 2020 14:23

Instrument :

MSVOA_X

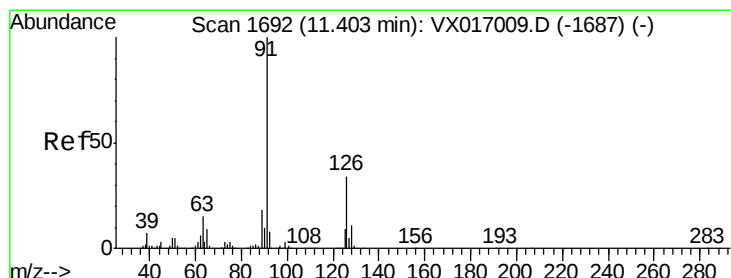
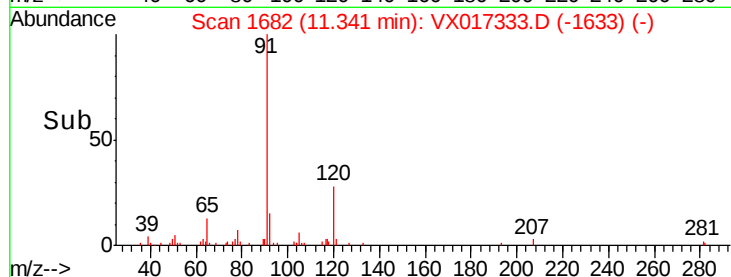
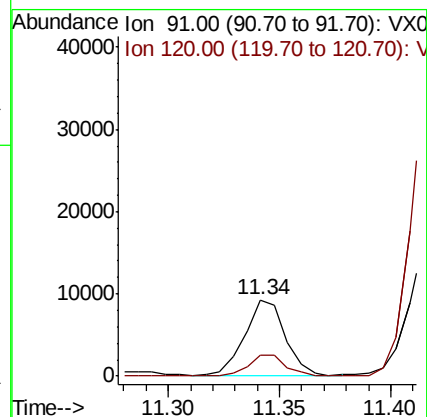
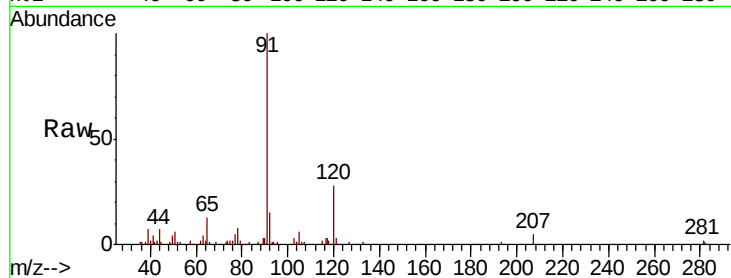
ClientSampleId :

Tot Ion: 91 Resp: 11726

Ion Ratio Lower Upper

91 100

120 26.4 11.9 35.9



#79

2-Chlorotoluene

Concen: 2.712 ug/l

RT: 11.42 min Scan# 1695

Delta R.T. 0.02 min

Lab File: VX017333.D

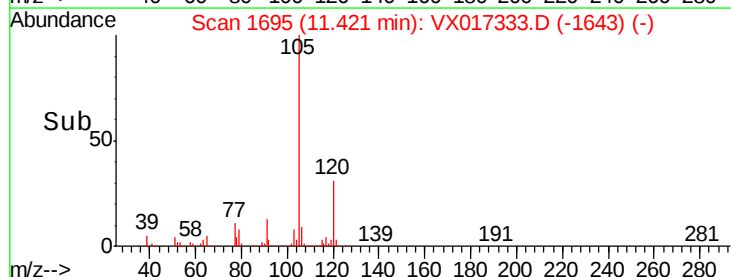
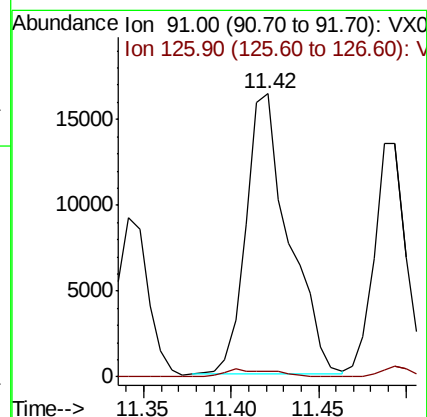
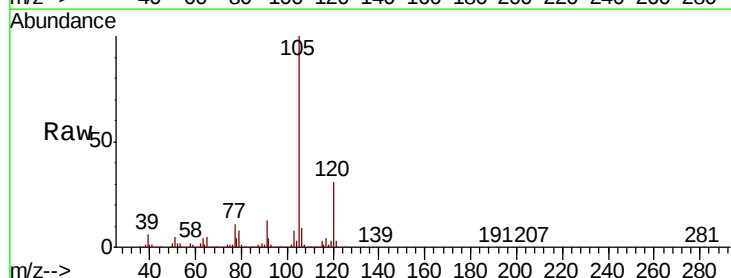
Acq: 10 Jul 2020 14:23

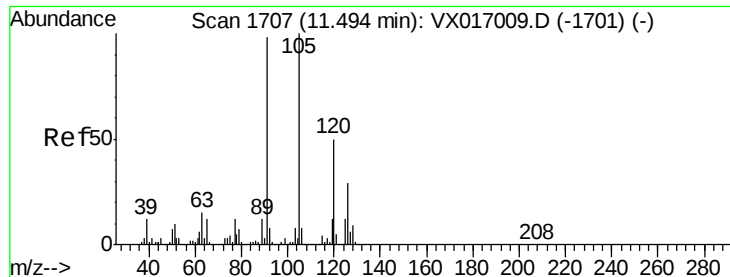
Tgt Ion: 91 Resp: 27924

Ion Ratio Lower Upper

91 100

126 3.1 17.4 52.3#





#80

1,3,5-Trimethylbenzene

Concen: 11.427 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017333.D

Acq: 10 Jul 2020 14:23

Instrument :

MSVOA_X

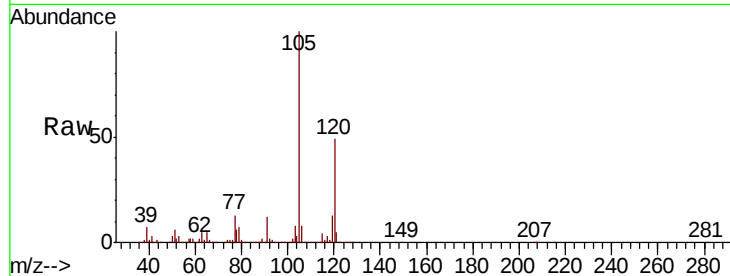
ClientSampleId :

Tot Ion:105 Resp: 142614

Ion Ratio Lower Upper

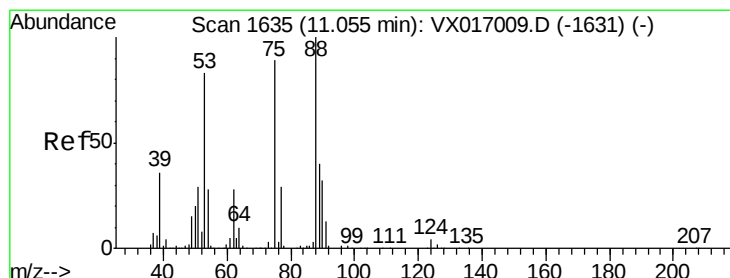
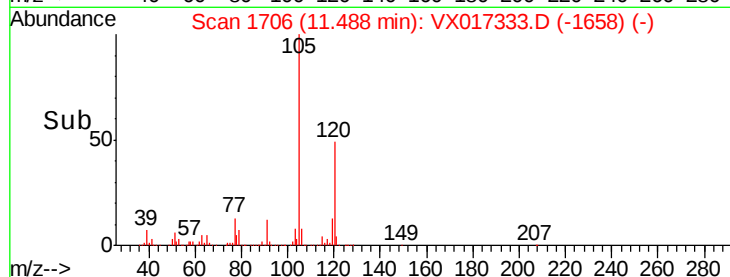
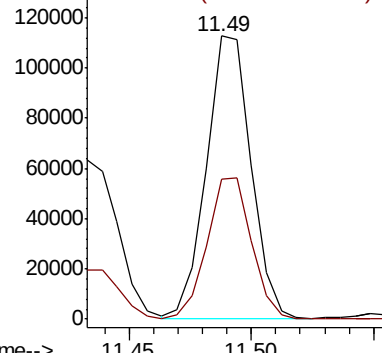
105 100

120 49.8 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 62.650 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX017333.D

Acq: 10 Jul 2020 14:23

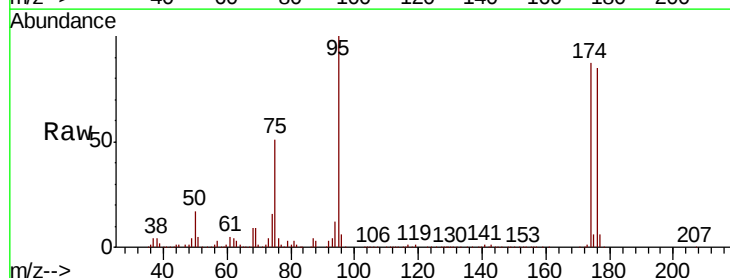
Tgt Ion: 75 Resp: 109275

Ion Ratio Lower Upper

75 100

53 0.0 72.4 108.6#

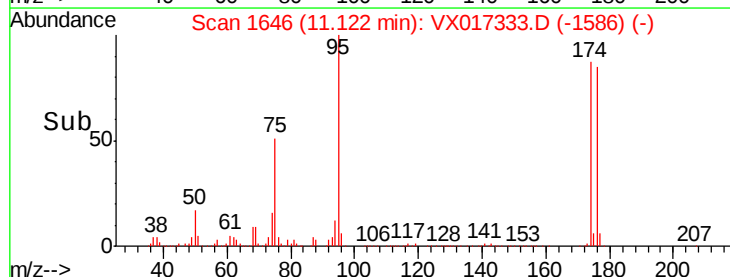
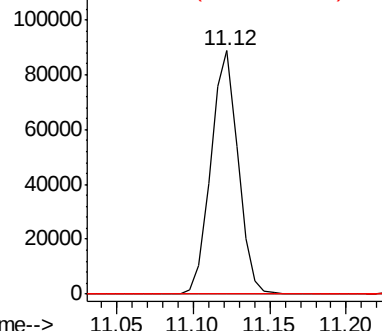
89 0.1 37.0 55.4#

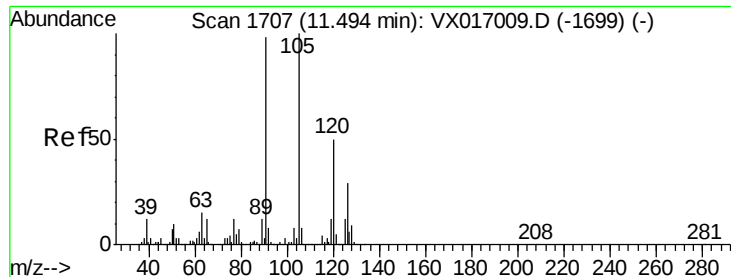


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 1.379 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017333.D

Acq: 10 Jul 2020 14:23

Instrument :

MSVOA_X

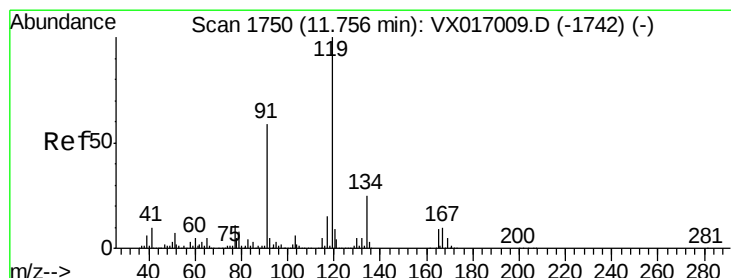
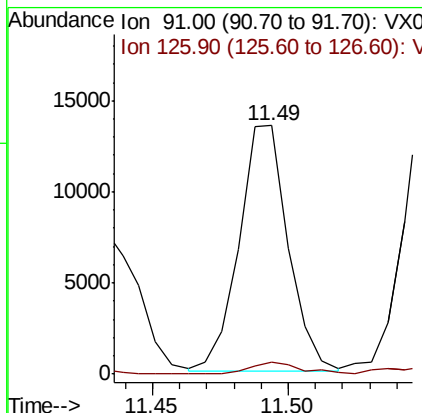
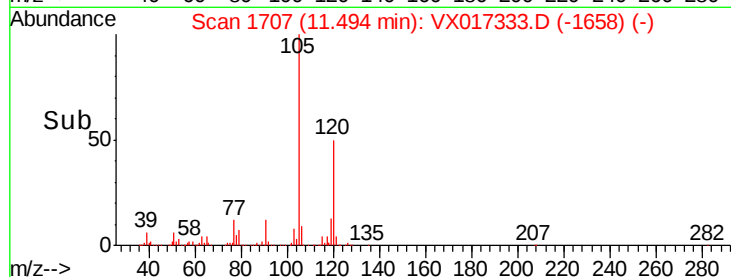
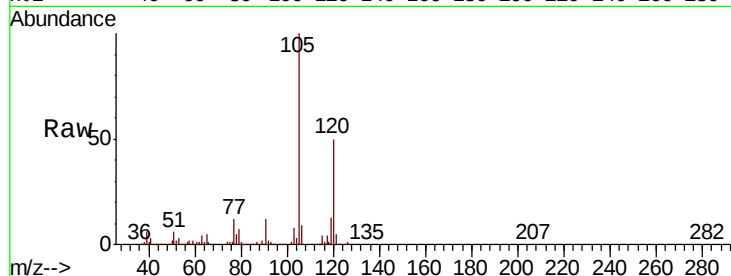
ClientSampleId :

Tot Ion: 91 Resp: 16977

Ion Ratio Lower Upper

91 100

126 5.1 15.2 45.5#



#83

tert-Butylbenzene

Concen: 3.166 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.04 min

Lab File: VX017333.D

Acq: 10 Jul 2020 14:23

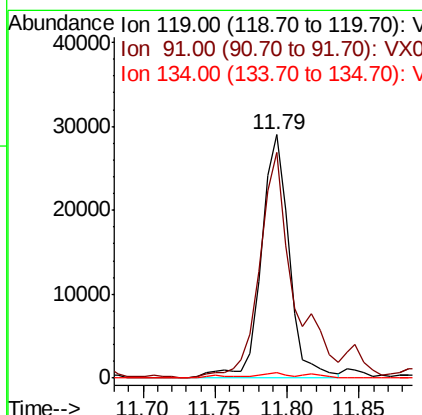
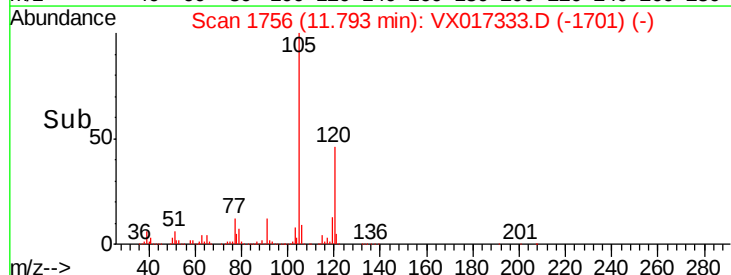
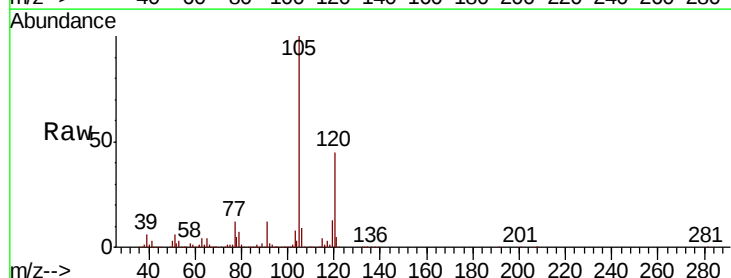
Tgt Ion: 119 Resp: 38787

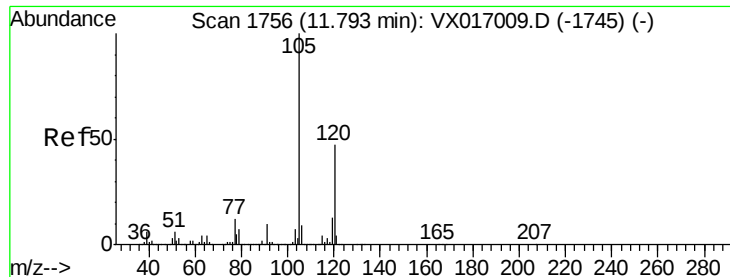
Ion Ratio Lower Upper

119 100

91 113.3 28.3 84.9#

134 0.0 11.7 35.1#

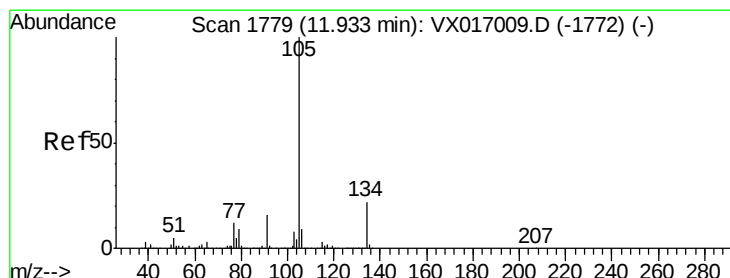
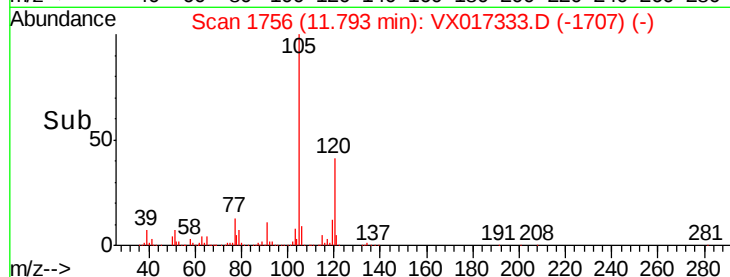
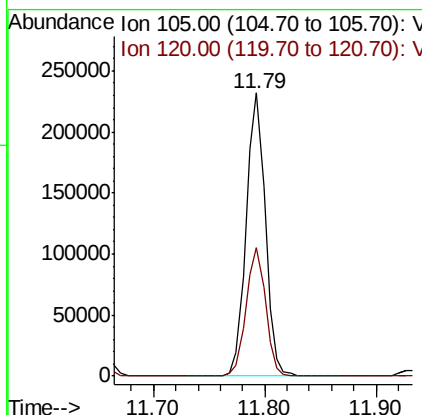
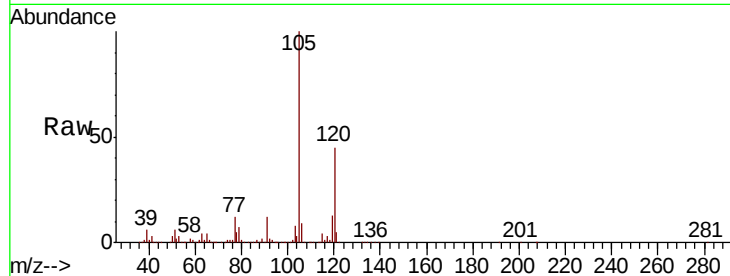




#84
 1,2,4-Trimethylbenzene
 Concen: 21.776 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017333.D
 Acq: 10 Jul 2020 14:23

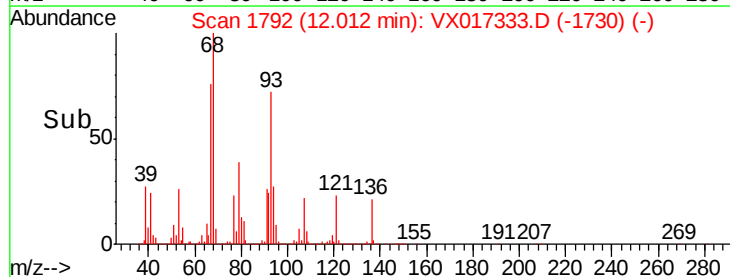
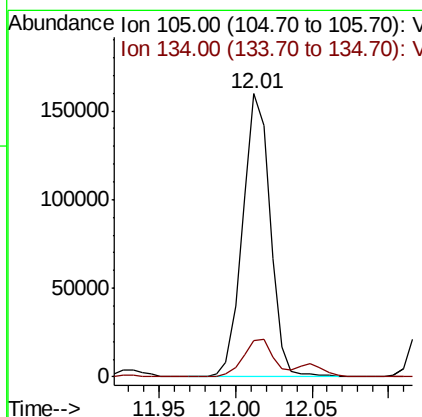
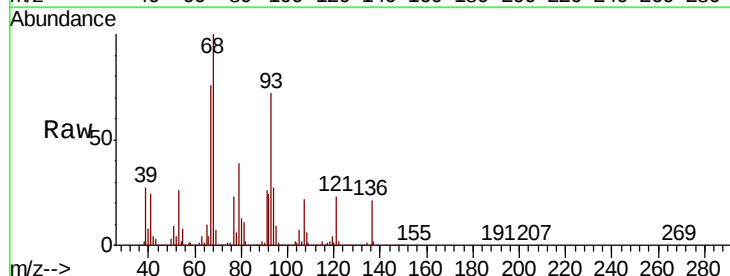
Instrument :
 MSVOA_X
 ClientSampleId :

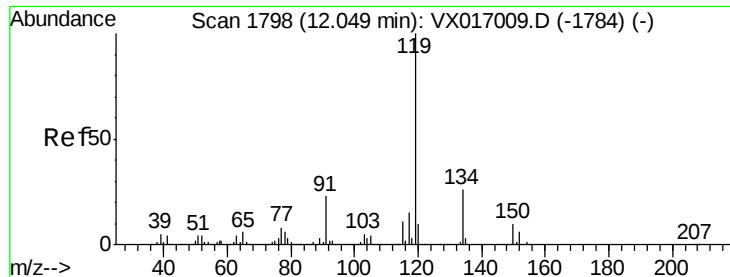
Tot Ion:105 Resp: 275702
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.9 68.5



#85
 sec-Butylbenzene
 Concen: 13.845 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.08 min
 Lab File: VX017333.D
 Acq: 10 Jul 2020 14:23

Tgt Ion:105 Resp: 199379
 Ion Ratio Lower Upper
 105 100
 134 15.0 10.5 31.6

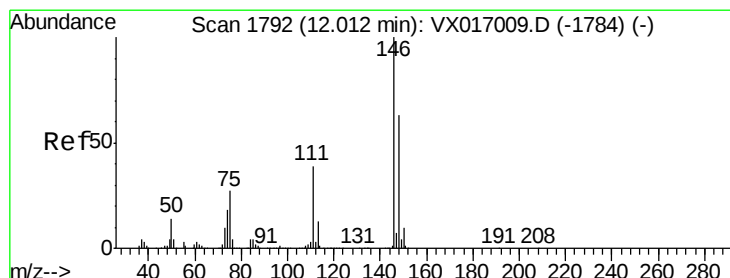
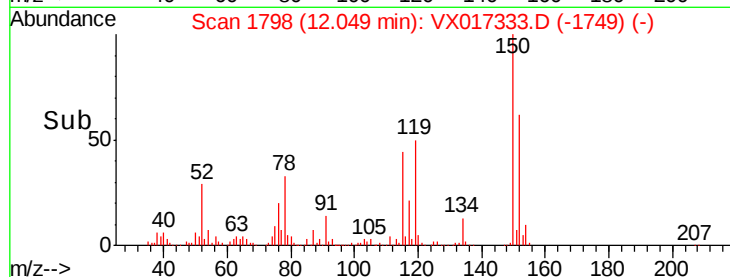
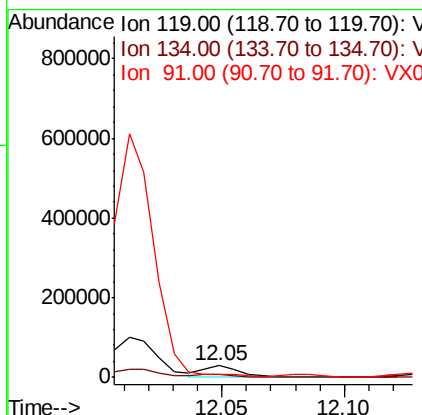
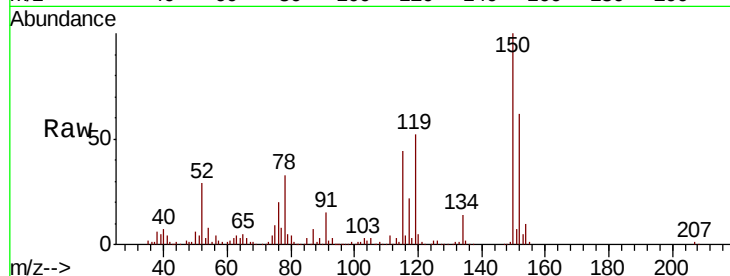




#86
 p-Isopropyltoluene
 Concen: 2.235 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017333.D
 Acq: 10 Jul 2020 14:23

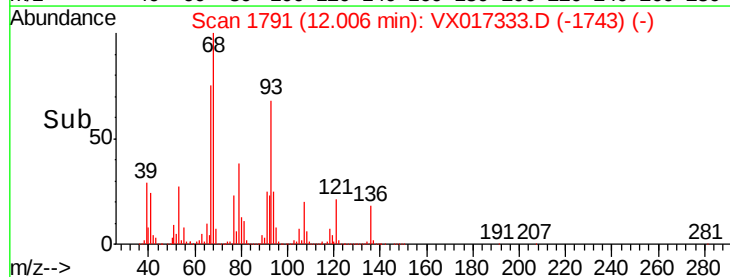
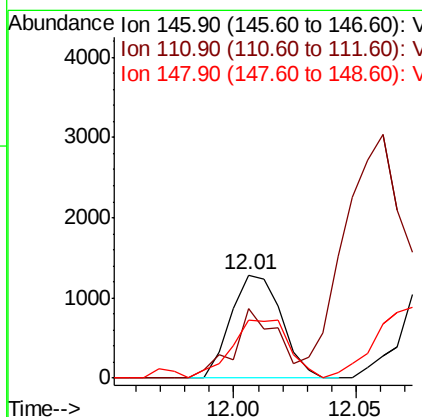
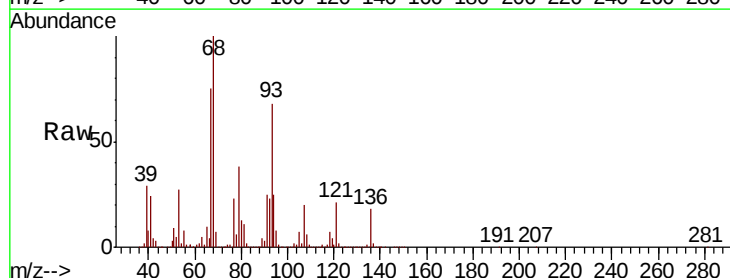
Instrument :
 MSVOA_X
 ClientSampled :

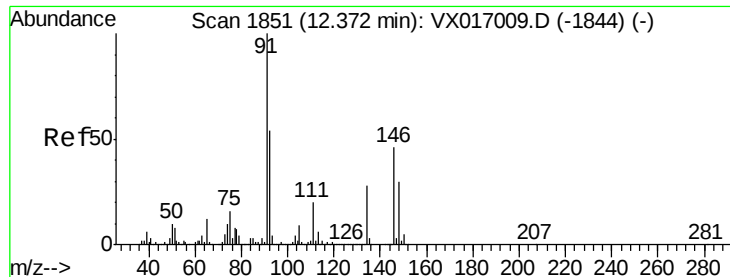
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.4	13.2	39.5
91	0.0	11.8	35.4



#87
 1,3-Dichlorobenzene
 Concen: 0.246 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX017333.D
 Acq: 10 Jul 2020 14:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	58.0	20.4	61.2
148	64.5	32.5	97.5

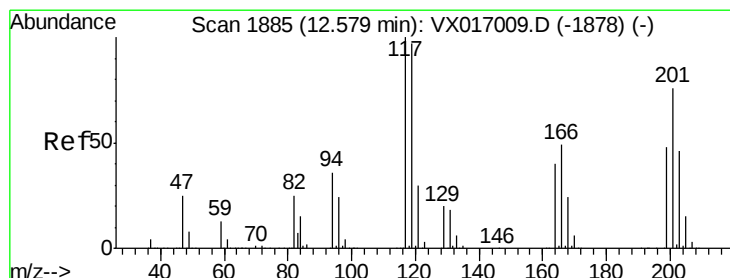
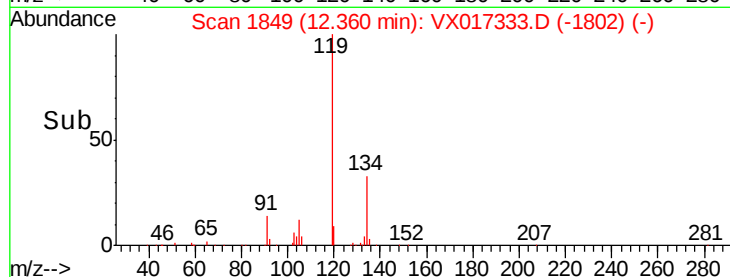
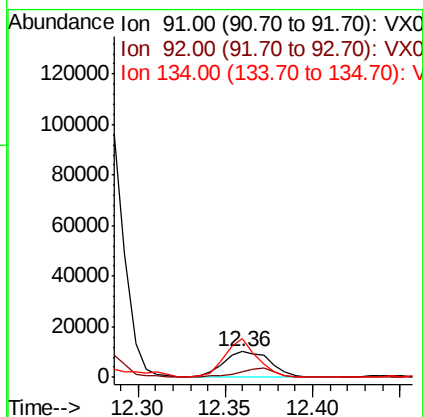
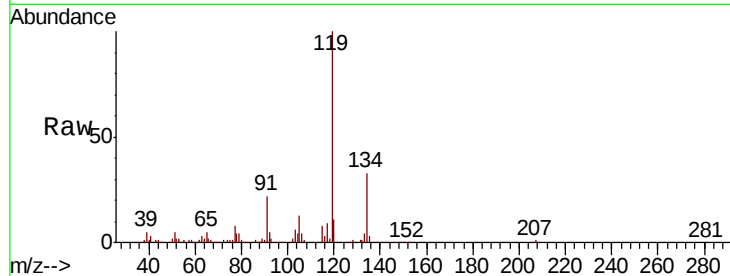




#89
n-Butylbenzene
Concen: 1.531 ug/l
RT: 12.36 min Scan# 1849
Delta R.T. -0.01 min
Lab File: VX017333.D
Acq: 10 Jul 2020 14:23

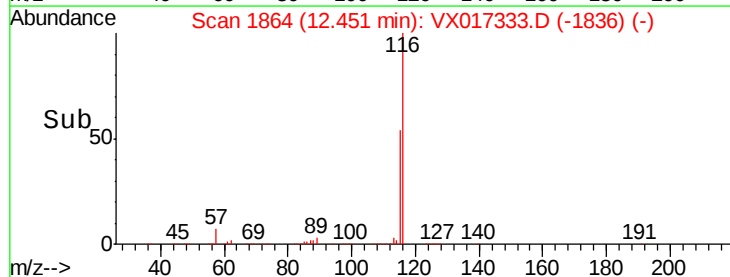
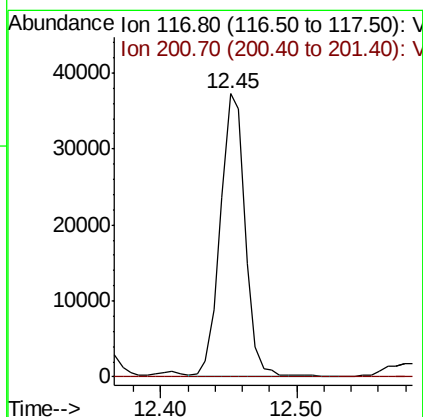
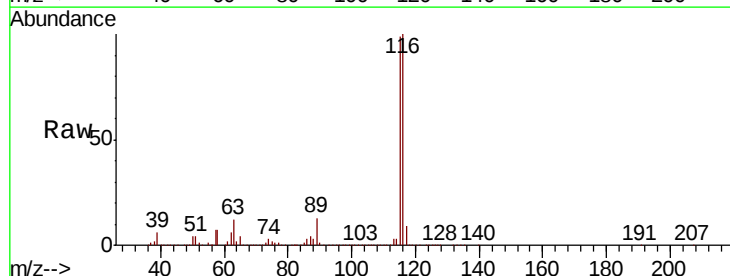
Instrument :
MSVOA_X
ClientSampleId :

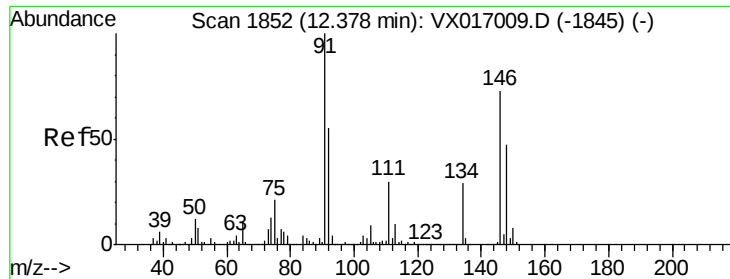
Tot Ion: 91 Resp: 18325
Ion Ratio Lower Upper
91 100
92 30.4 27.2 81.6
134 110.2 13.6 40.7#



#90
Hexachloroethane
Concen: 17.900 ug/l
RT: 12.45 min Scan# 1864
Delta R.T. -0.13 min
Lab File: VX017333.D
Acq: 10 Jul 2020 14:23

Tgt Ion: 117 Resp: 47321
Ion Ratio Lower Upper
117 100
201 0.0 39.4 118.2#

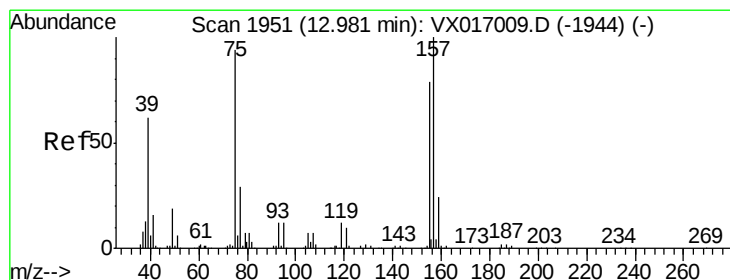
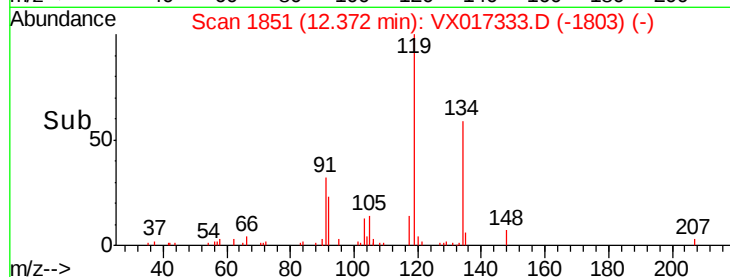
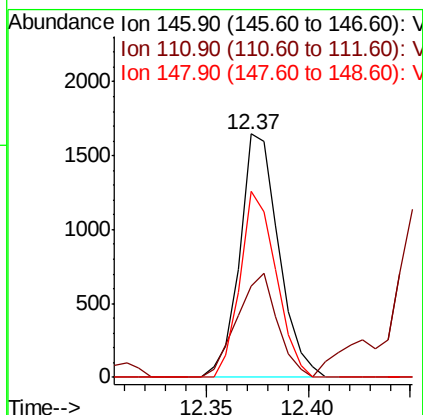
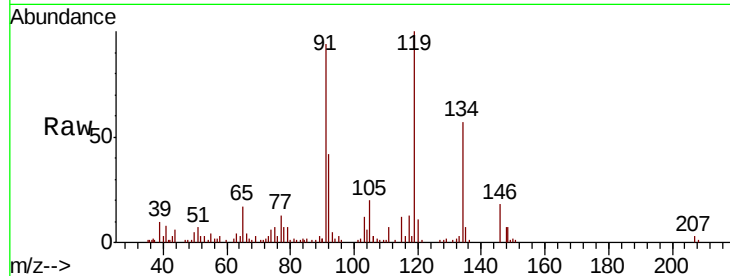




#91
 1,2-Dichlorobenzene
 Concen: 0.311 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX017333.D
 Acq: 10 Jul 2020 14:23

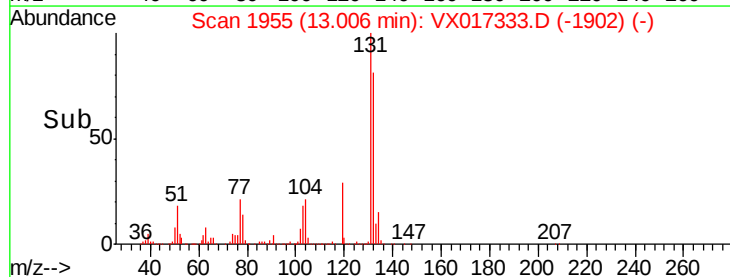
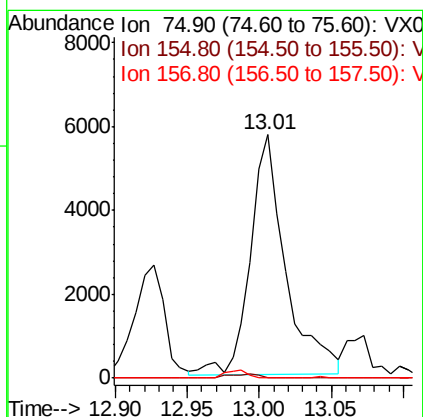
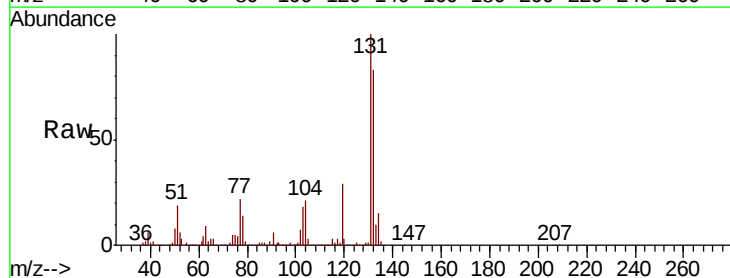
Instrument :
 MSVOA_X
 ClientSampleId :

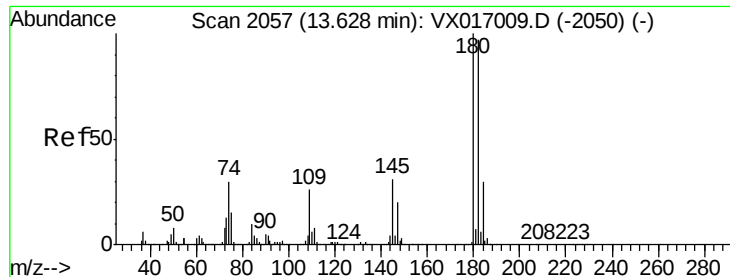
Tot Ion:146 Resp: 2181
 Ion Ratio Lower Upper
 146 100
 111 44.5 20.6 61.9
 148 70.4 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 8.675 ug/l
 RT: 13.01 min Scan# 1955
 Delta R.T. 0.02 min
 Lab File: VX017333.D
 Acq: 10 Jul 2020 14:23

Tgt Ion: 75 Resp: 9794
 Ion Ratio Lower Upper
 75 100
 155 1.6 45.1 135.2#
 157 2.1 56.5 169.3#

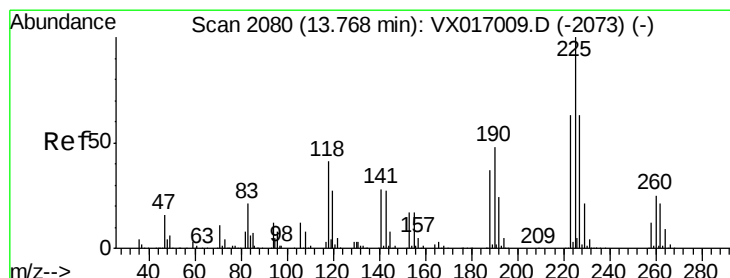
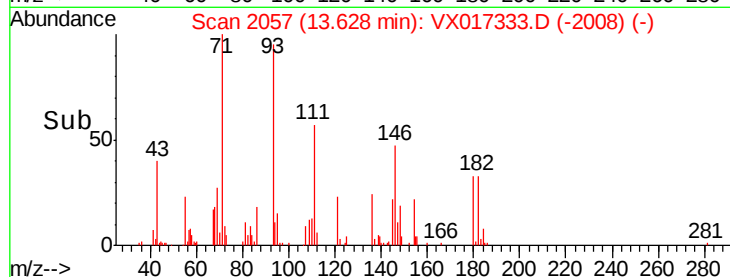
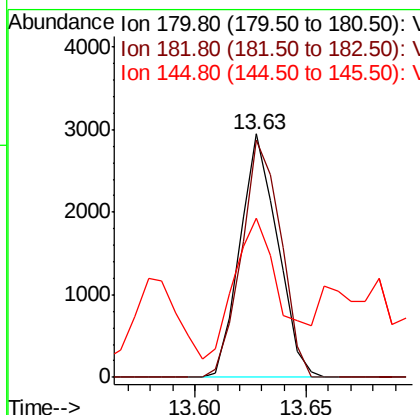
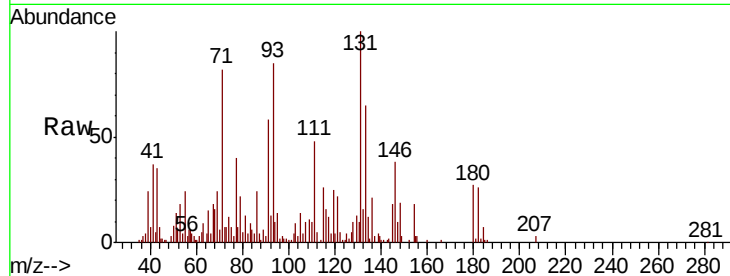




#93
 1,2,4-Trichlorobenzene
 Concen: 0.724 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017333.D
 Acq: 10 Jul 2020 14:23

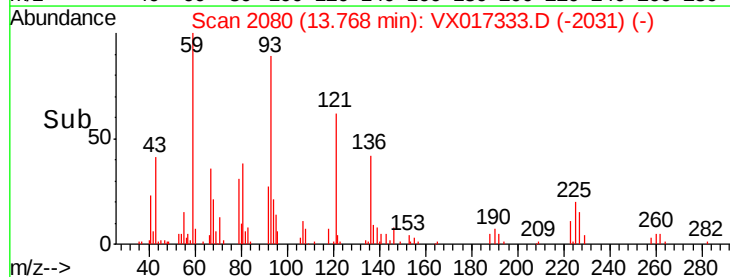
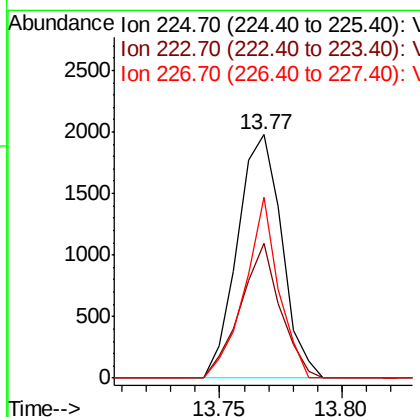
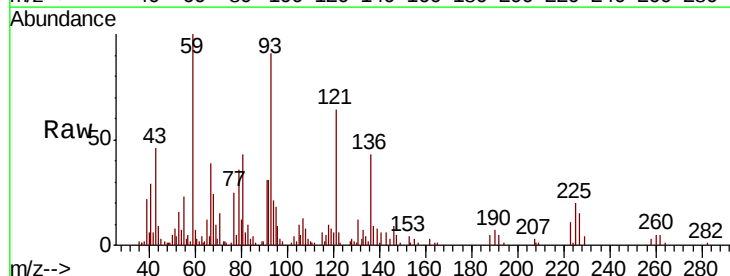
Instrument :
 MSVOA_X
 ClientSampleId :

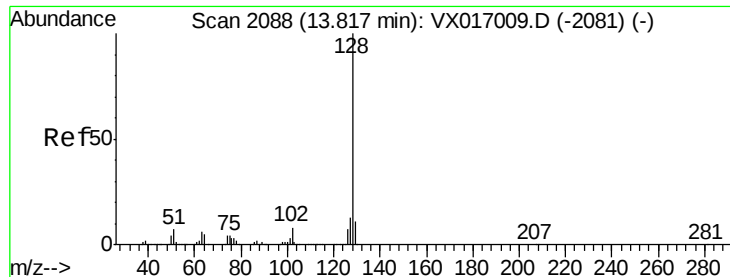
Tot Ion:180 Resp: 3469
 Ion Ratio Lower Upper
 180 100
 182 102.2 47.3 141.9
 145 70.1 15.4 46.2#



#94
 Hexachlorobutadiene
 Concen: 2.193 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017333.D
 Acq: 10 Jul 2020 14:23

Tgt Ion:225 Resp: 2495
 Ion Ratio Lower Upper
 225 100
 223 49.9 32.5 97.5
 227 56.7 33.1 99.2

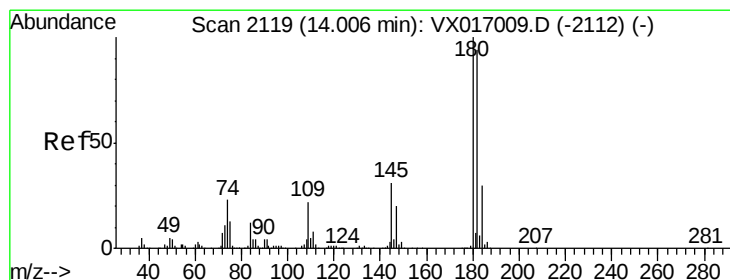
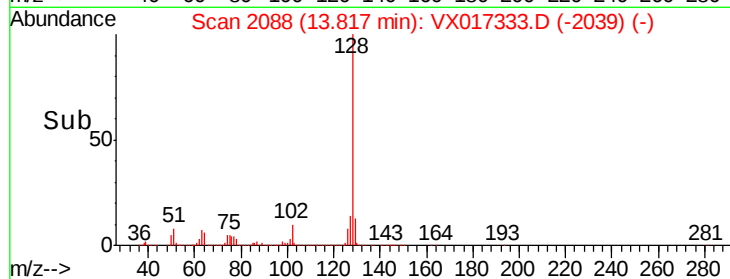
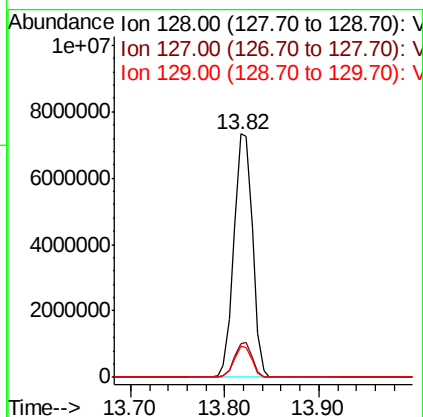
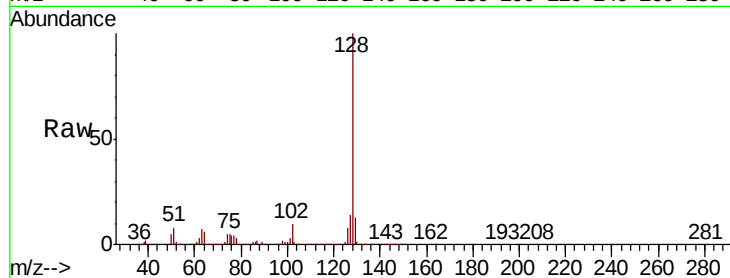




#95
Naphthalene
Concen: 688.003 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017333.D
Acq: 10 Jul 2020 14:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp:10022104
Ion Ratio Lower Upper
128 100
127 13.8 10.2 15.4
129 12.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.672 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX017333.D
Acq: 10 Jul 2020 14:23

Tgt Ion:180 Resp: 3116
Ion Ratio Lower Upper
180 100
182 83.2 47.1 141.4
145 247.4 16.6 49.7#

