

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052820\
 Data File : VX016478.D
 Acq On : 28 May 2020 12:30
 Operator : JC/SP
 Sample : L2730-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021RW246-200520

Quant Time: May 29 03:38:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	317409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	516729	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	512094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	253942	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	186986	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
35) Dibromofluoromethane	5.46	113	149497	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
50) Toluene-d8	8.70	98	634148	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
62) 4-Bromofluorobenzene	11.12	95	258088	53.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.88%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	1133	0.300	ug/l	98
4) Vinyl Chloride	1.39	62	7804	1.955	ug/l	95
6) Chloroethane	1.71	64	885	0.380	ug/l	90
10) Methyl Iodide	2.50	142	252	3.124	ug/l #	88
11) Tert butyl alcohol	3.01	59	17631	17.443	ug/l #	94
13) Acrolein	2.27	56	686	1.595	ug/l #	13
16) Acetone	2.42	43	3833	2.219	ug/l	91
17) Carbon Disulfide	2.55	76	2005	0.221	ug/l #	93
18) Methyl Acetate	2.75	43	987	0.223	ug/l #	60
24) 1,1-Dichloroethane	3.67	63	8793	1.444	ug/l #	93
25) 2-Butanone	4.65	43	1839	0.628	ug/l #	49
26) 2,2-Dichloropropane	4.64	77	1748	0.351	ug/l #	53
27) cis-1,2-Dichloroethene	4.57	96	4277	1.094	ug/l	85
29) Tetrahydrofuran	5.12	42	1669	0.883	ug/l	92
31) Cyclohexane	5.54	56	1423	0.260	ug/l #	83
36) 1,1-Dichloropropene	5.63	75	22926	4.686	ug/l #	50
38) Carbon Tetrachloride	5.63	117	29760	5.788	ug/l #	17
39) Methylcyclohexane	7.44	83	2448	0.461	ug/l	95
40) Benzene	6.12	78	385850	26.484	ug/l	100
42) 1,2-Dichloroethane	6.12	62	4343	0.838	ug/l #	73
49) 1,4-Dioxane	7.72	88	3704	36.080	ug/l	98
51) 4-Methyl-2-Pentanone	8.70	43	2566	0.450	ug/l #	1
52) Toluene	8.77	92	5857	0.638	ug/l	95
59) 2-Hexanone	9.29	43	13411	3.023	ug/l	74
60) Dibromochloromethane	9.32	129	836	0.203	ug/l #	11
65) Chlorobenzene	10.12	112	5570203	533.535	ug/l	98
69) o-Xylene	10.68	106	1461	0.219	ug/l	77
73) Isopropylbenzene	11.00	105	3624	0.206	ug/l	96
76) 1,2,3-Trichloropropane	11.12	75	125645	22.510	ug/l #	35
79) 2-Chlorotoluene	11.40	91	4423	0.369	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.12	75	125645	55.371	ug/l #	14
82) 4-Chlorotoluene	11.40	91	4423	0.312	ug/l	96
83) tert-Butylbenzene	11.76	119	78565	6.258	ug/l	94
85) sec-Butylbenzene	11.93	105	23002	1.461	ug/l	96

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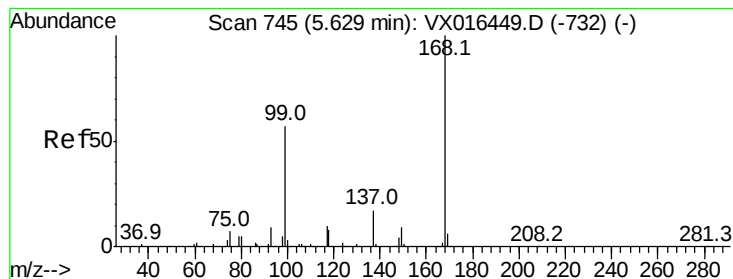
Instrument :
 MSVOA_X
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	12.22	119	58319	3.953	ug/l	96
87) 1,3-Dichlorobenzene	12.01	146	42688	5.339	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	143762	17.581	ug/l	98
89) n-Butylbenzene	12.35	91	4678	0.381	ug/l #	25
90) Hexachloroethane	12.63	117	649	0.255	ug/l #	6
91) 1,2-Dichlorobenzene	12.38	146	247828	31.994	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	1066	0.207	ug/l #	64

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

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Sample : L2730-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016478.D

Acq: 28 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

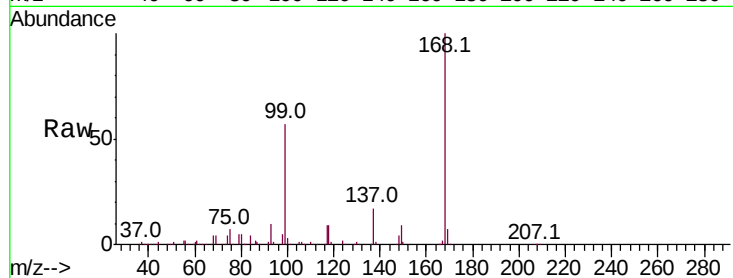
WP021RW246-200520

Tot Ion:168 Resp: 317409

Ion Ratio Lower Upper

168 100

99 57.3 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

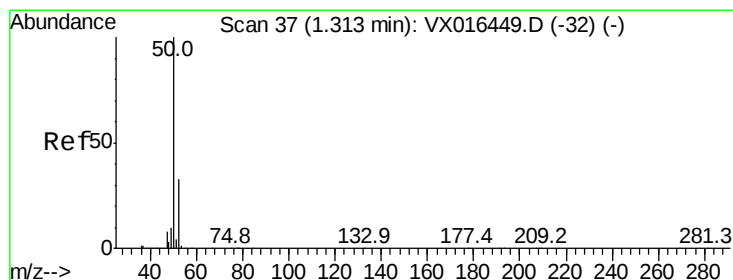
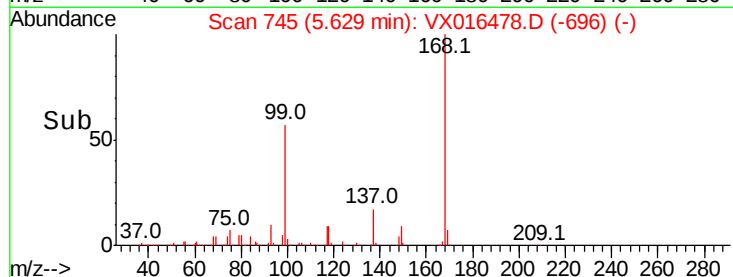
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.300 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016478.D

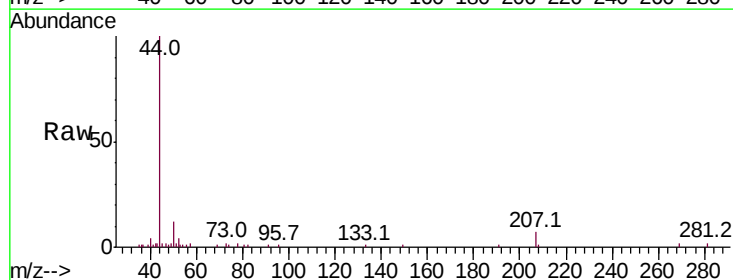
Acq: 28 May 2020 12:30

Tgt Ion: 50 Resp: 1133

Ion Ratio Lower Upper

50 100

52 34.0 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

1000

800

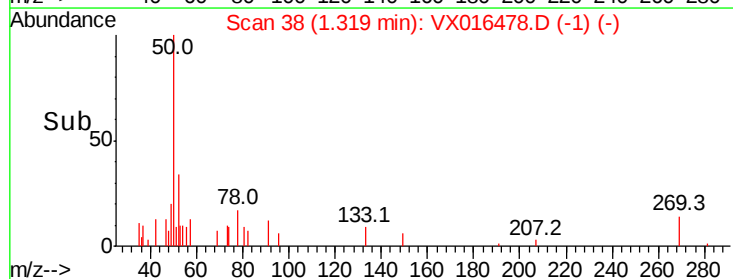
600

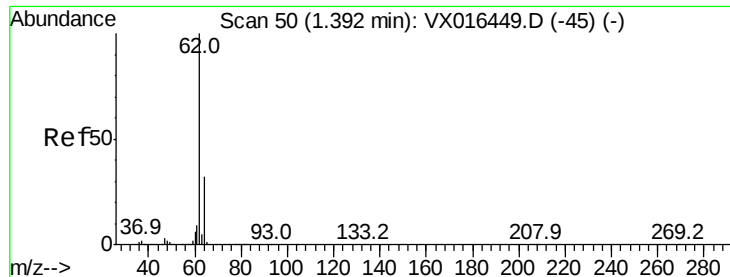
400

200

0

Time-->





#4

Vinyl Chloride

Concen: 1.955 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016478.D

Acq: 28 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

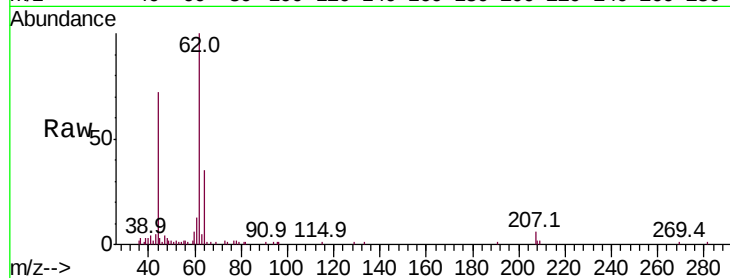
WP021RW246-200520

Tot Ion: 62 Resp: 7804

Ion Ratio Lower Upper

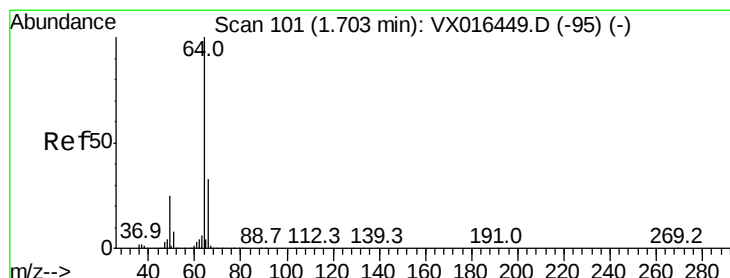
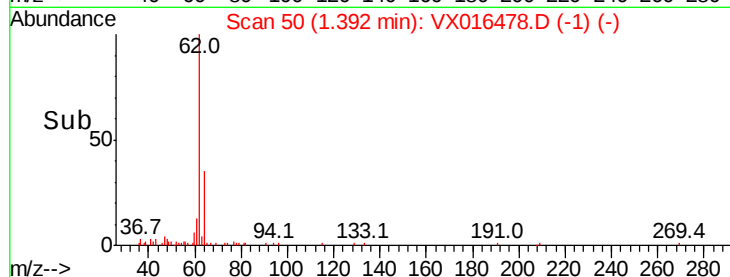
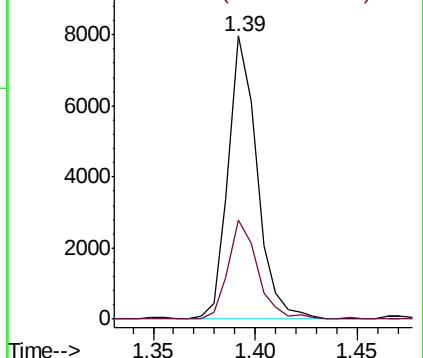
62 100

64 35.0 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#6

Chloroethane

Concen: 0.380 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016478.D

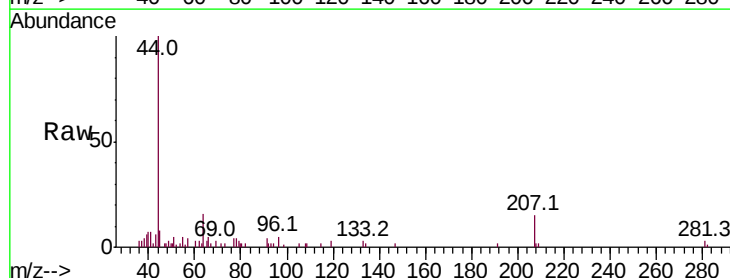
Acq: 28 May 2020 12:30

Tgt Ion: 64 Resp: 885

Ion Ratio Lower Upper

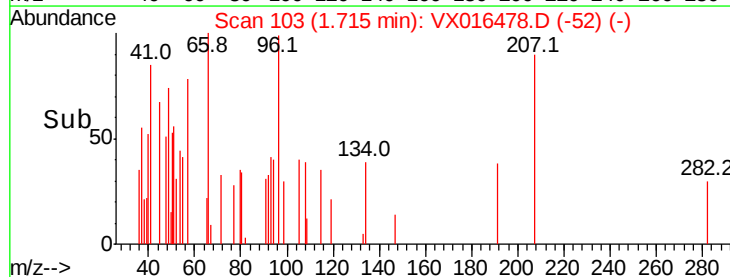
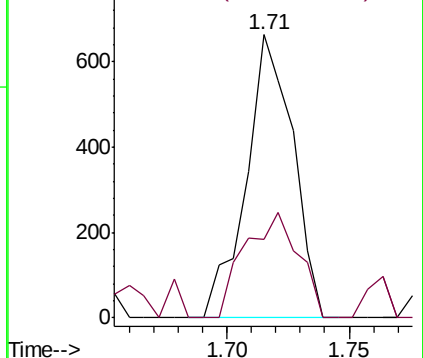
64 100

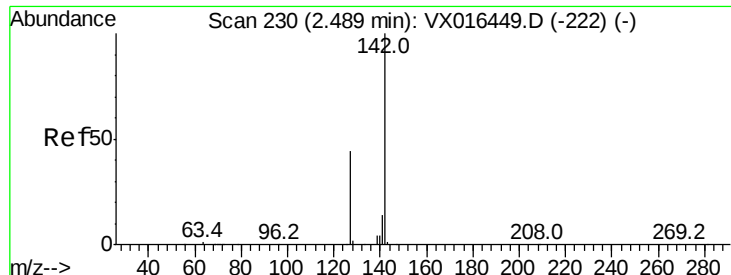
66 27.9 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

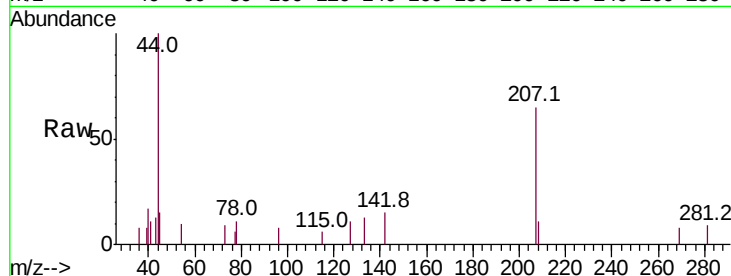




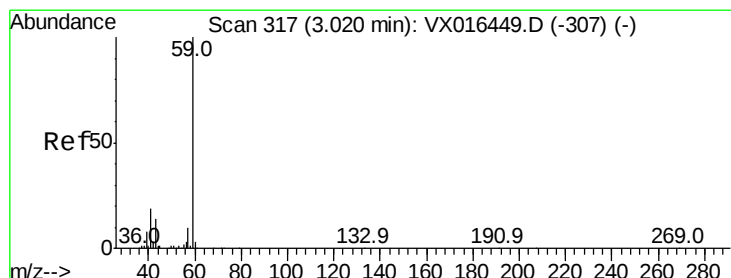
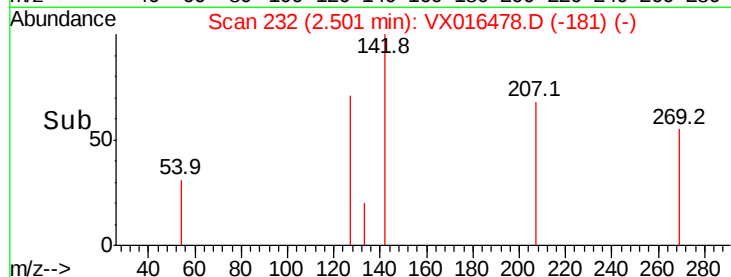
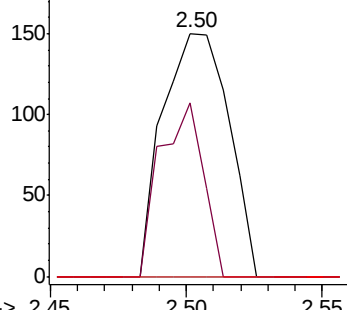
#10
Methyl Iodide
Concen: 3.124 ug/l
RT: 2.50 min Scan# 232
Delta R.T. 0.01 min
Lab File: VX016478.D
Acq: 28 May 2020 12:30

Instrument :
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WP021RW246-200520

Tot Ion:142 Resp: 252
Ion Ratio Lower Upper
142 100
127 46.8 35.3 52.9
141 0.0 11.4 17.2#

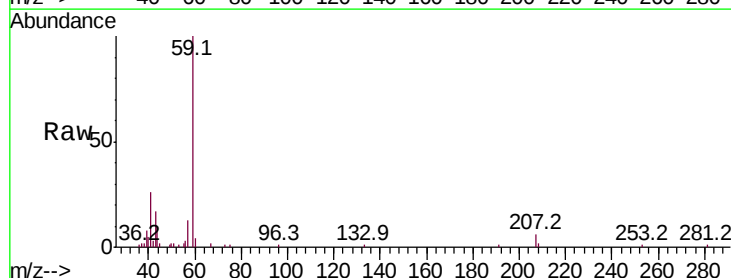


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

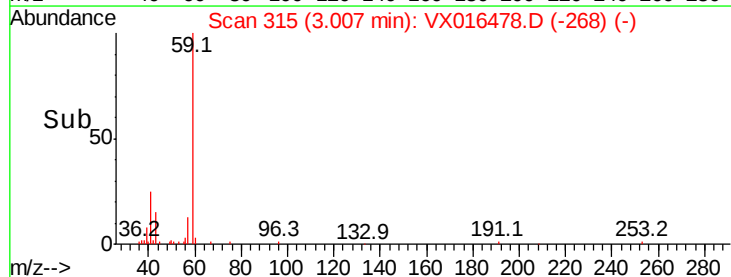
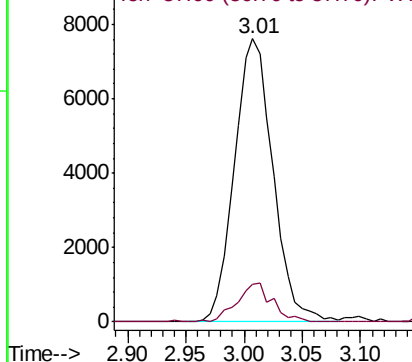


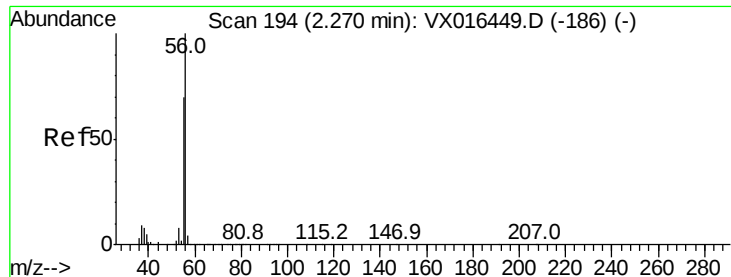
#11
Tert butyl alcohol
Concen: 17.443 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016478.D
Acq: 28 May 2020 12:30

Tgt Ion: 59 Resp: 17631
Ion Ratio Lower Upper
59 100
57 12.6 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 1.595 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016478.D

Acq: 28 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

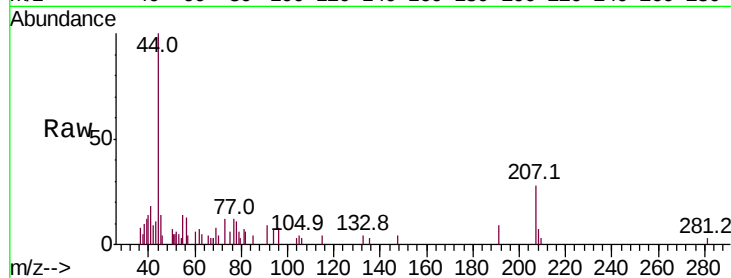
WP021RW246-200520

Tot Ion: 56 Resp: 686

Ion Ratio Lower Upper

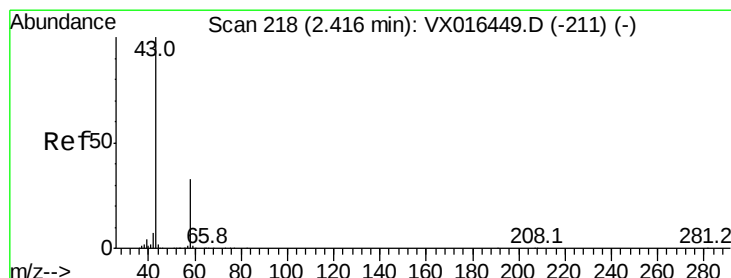
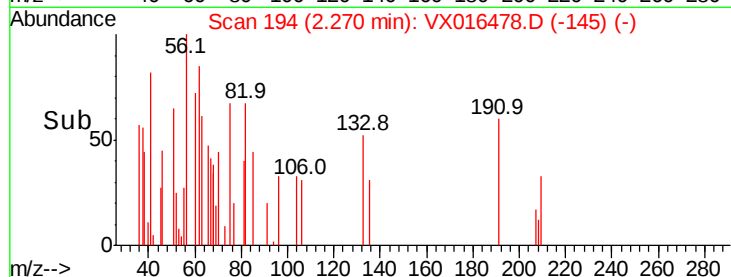
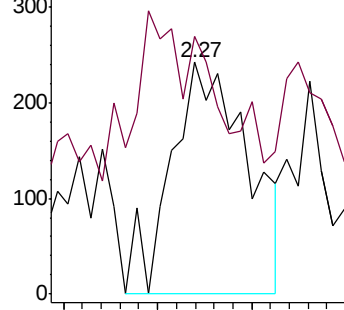
56 100

55 0.0 58.3 87.5#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 2.219 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016478.D

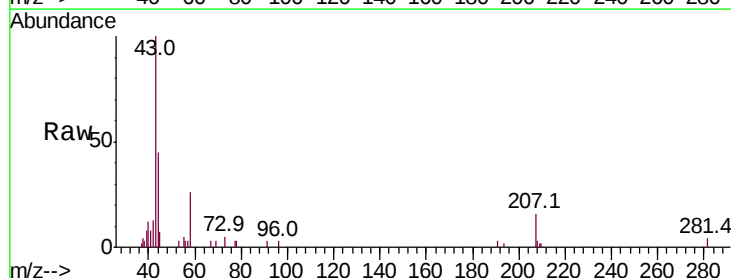
Acq: 28 May 2020 12:30

Tgt Ion: 43 Resp: 3833

Ion Ratio Lower Upper

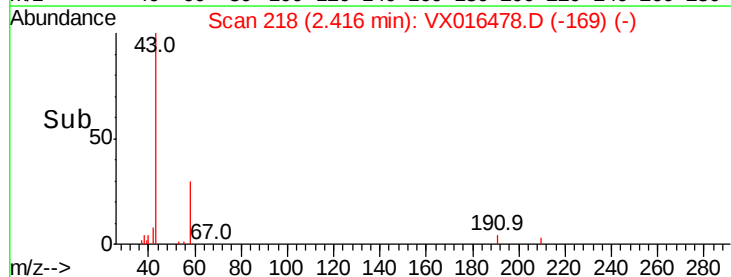
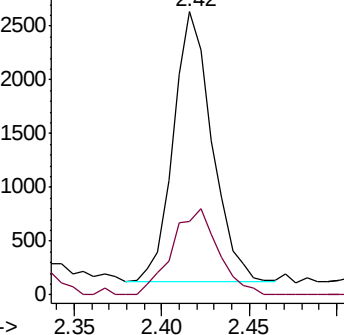
43 100

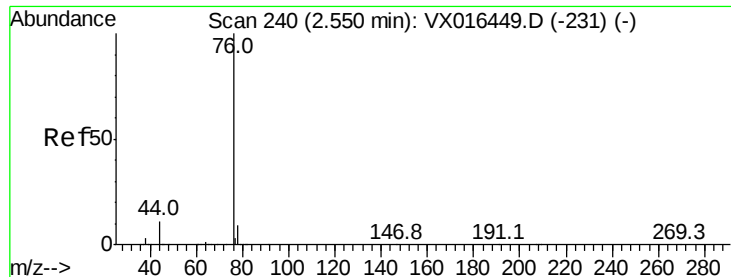
58 27.3 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

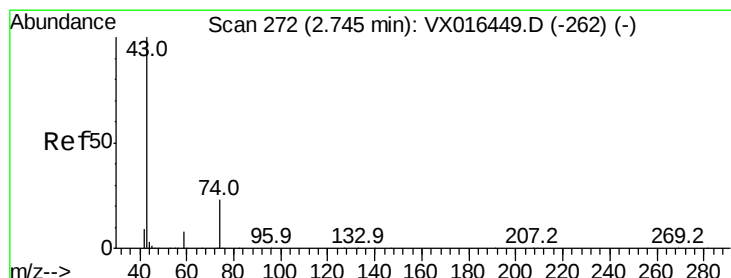
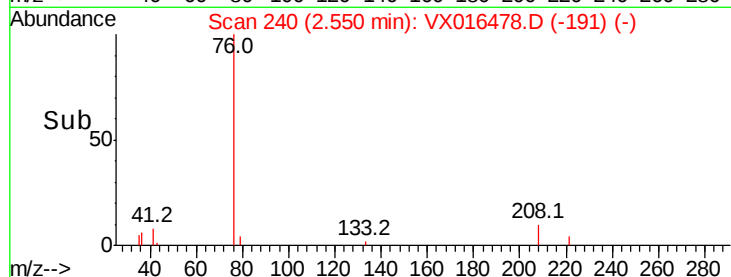
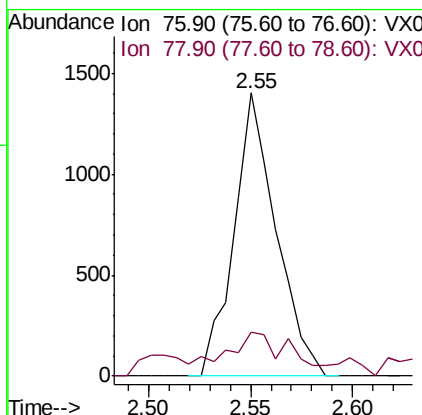
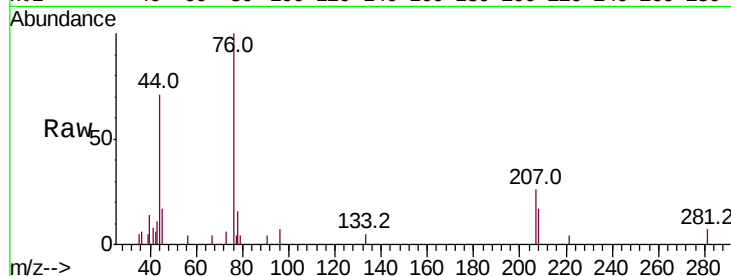




#17
Carbon Disulfide
Concen: 0.221 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016478.D
Acq: 28 May 2020 12:30

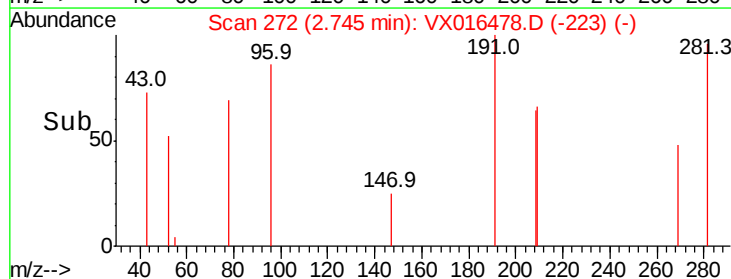
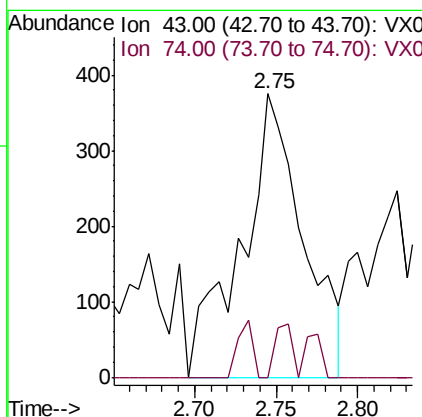
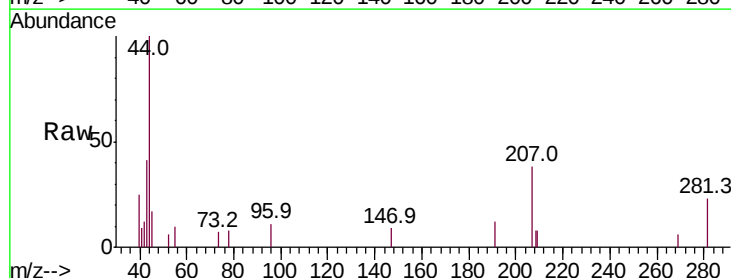
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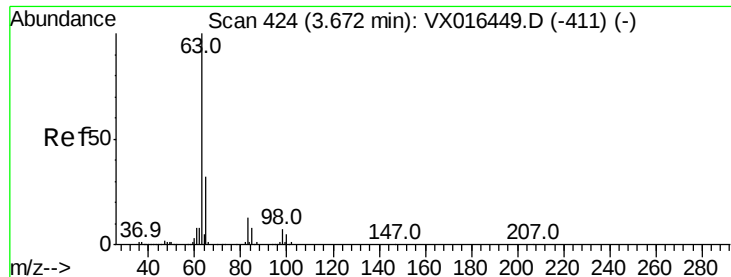
Tot Ion: 76 Resp: 2005
Ion Ratio Lower Upper
76 100
78 11.6 7.4 11.0#



#18
Methyl Acetate
Concen: 0.223 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016478.D
Acq: 28 May 2020 12:30

Tgt Ion: 43 Resp: 987
Ion Ratio Lower Upper
43 100
74 4.8 19.7 29.5#





#24

1,1-Dichloroethane

Concen: 1.444 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016478.D

Acq: 28 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

WP021RW246-200520

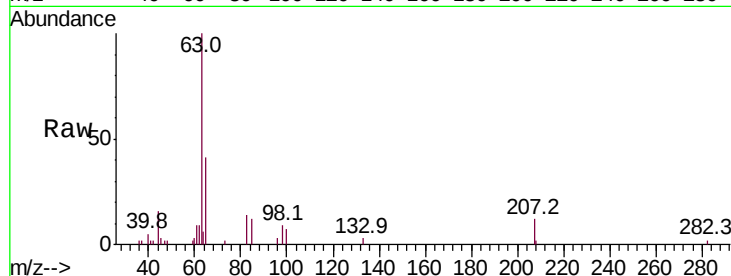
Tot Ion: 63 Resp: 8793

Ion Ratio Lower Upper

63 100

98 9.5 3.6 10.9

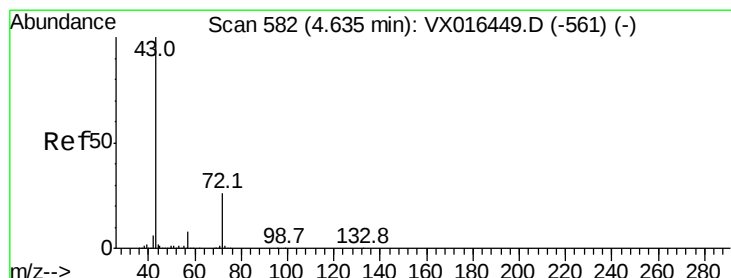
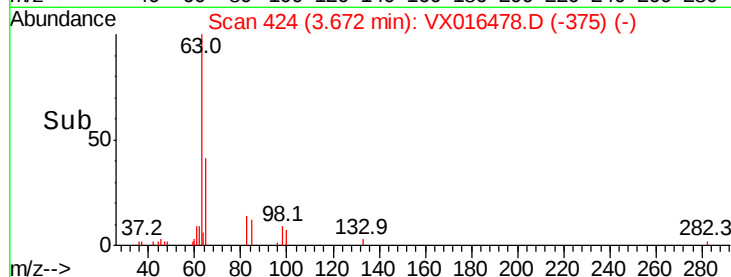
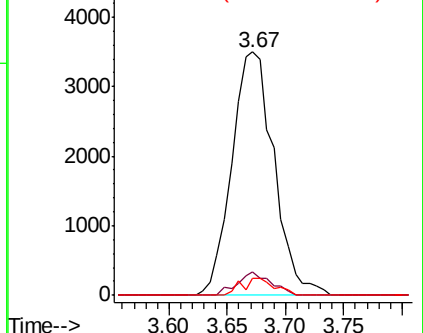
100 7.3 2.4 7.1#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#25

2-Butanone

Concen: 0.628 ug/l

RT: 4.65 min Scan# 585

Delta R.T. 0.02 min

Lab File: VX016478.D

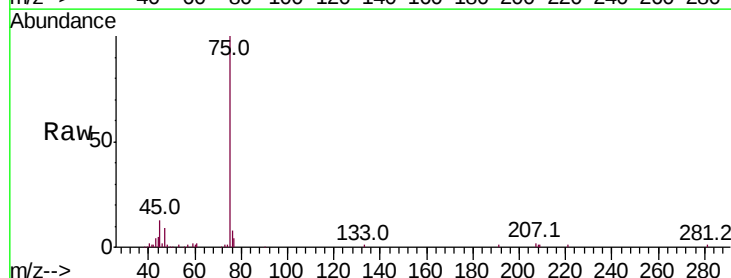
Acq: 28 May 2020 12:30

Tgt Ion: 43 Resp: 1839

Ion Ratio Lower Upper

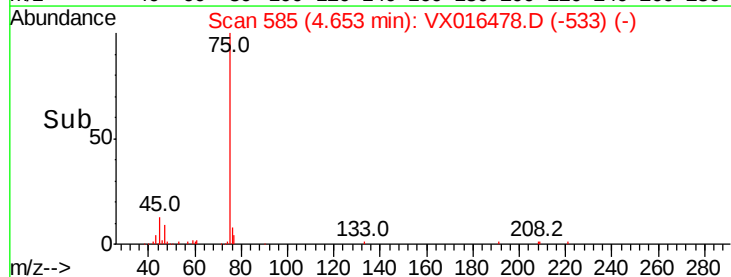
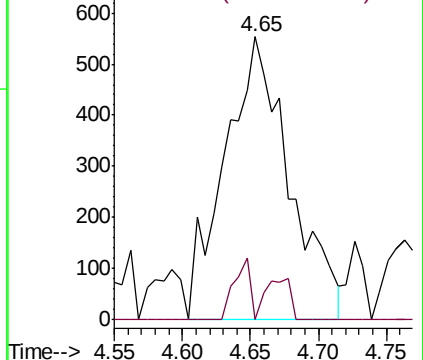
43 100

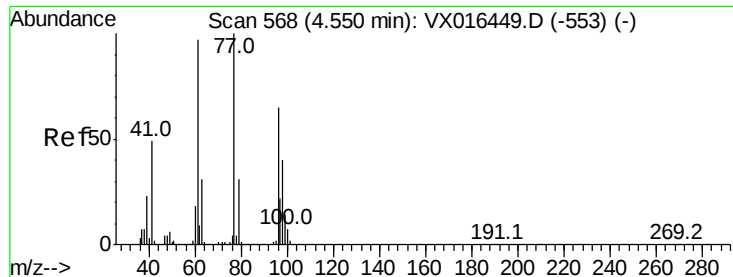
72 0.0 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#26

2,2-Dichloropropane

Concen: 0.351 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.09 min

Lab File: VX016478.D

Acq: 28 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

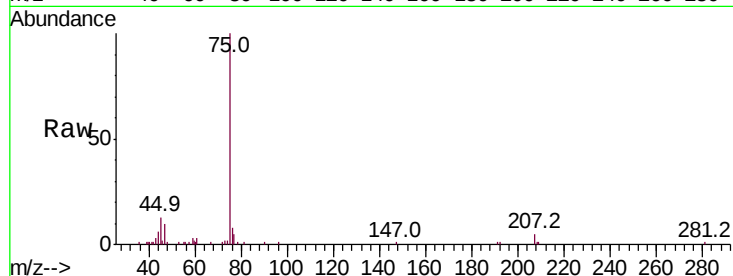
WP021RW246-200520

Tot Ion: 77 Resp: 1748

Ion Ratio Lower Upper

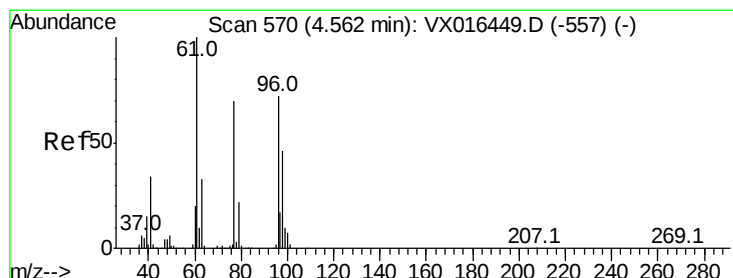
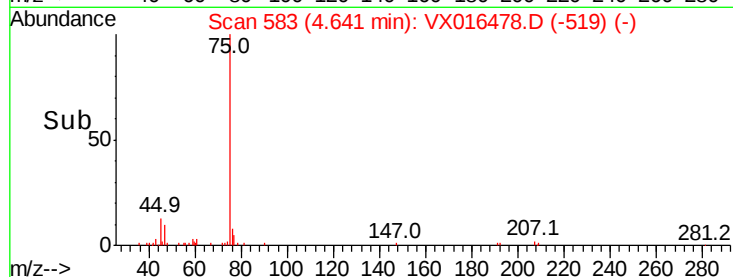
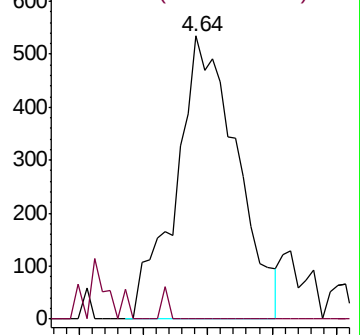
77 100

97 0.0 11.5 34.4#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 1.094 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX016478.D

Acq: 28 May 2020 12:30

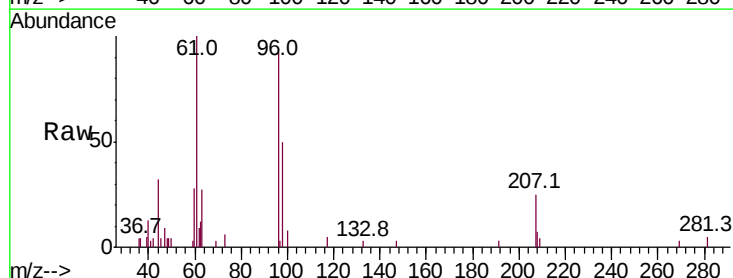
Tgt Ion: 96 Resp: 4277

Ion Ratio Lower Upper

96 100

61 117.3 0.0 284.6

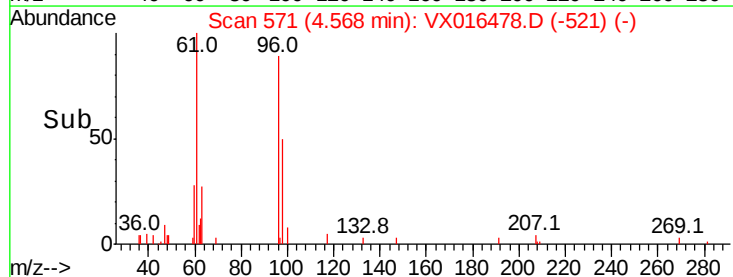
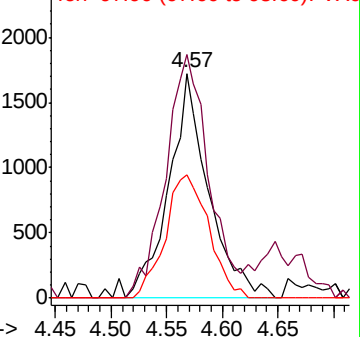
98 60.1 0.0 127.2

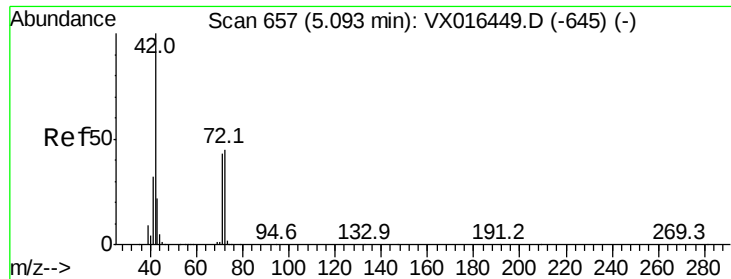


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#29

Tetrahydrofuran

Concen: 0.883 ug/l

RT: 5.12 min Scan# 661

Delta R.T. 0.02 min

Lab File: VX016478.D

Acq: 28 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

WP021RW246-200520

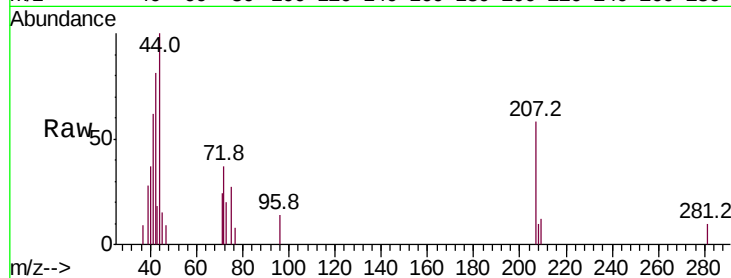
Tot Ion: 42 Resp: 1669

Ion Ratio Lower Upper

42 100

72 43.4 37.0 55.4

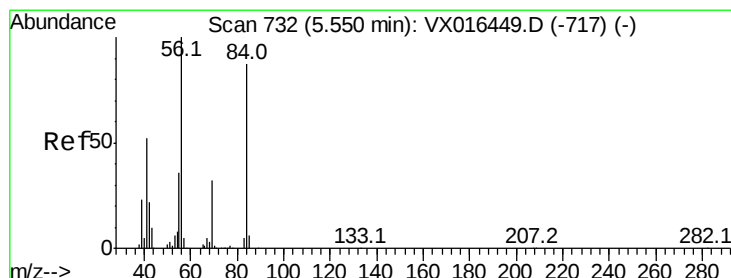
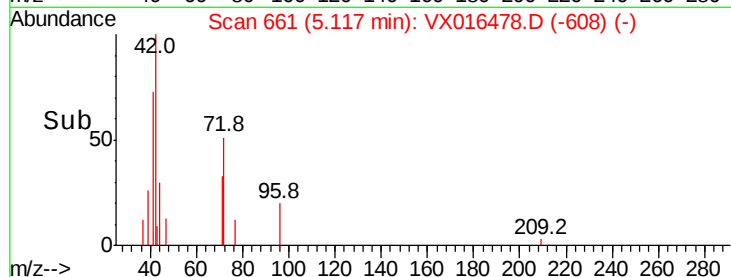
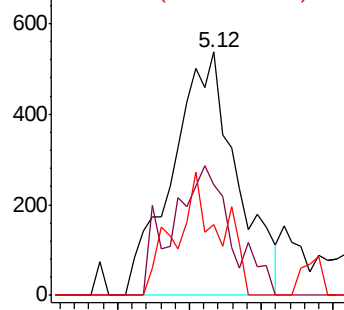
71 34.8 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#31

Cyclohexane

Concen: 0.260 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX016478.D

Acq: 28 May 2020 12:30

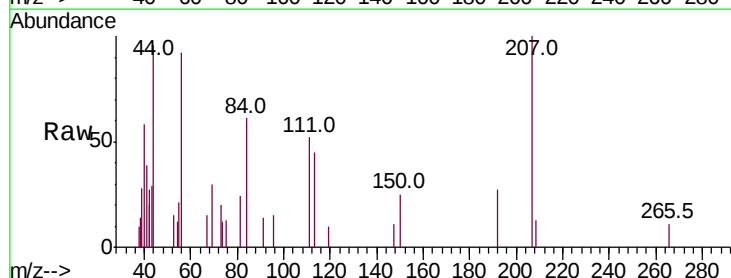
Tgt Ion: 56 Resp: 1423

Ion Ratio Lower Upper

56 100

69 32.1 25.7 38.5

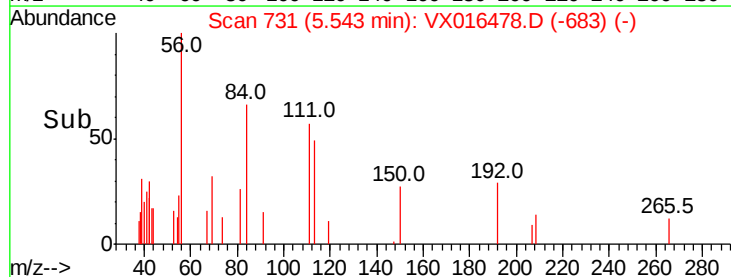
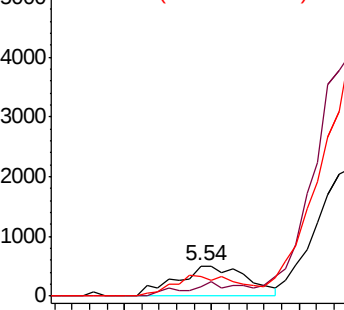
84 66.1 70.0 105.0#

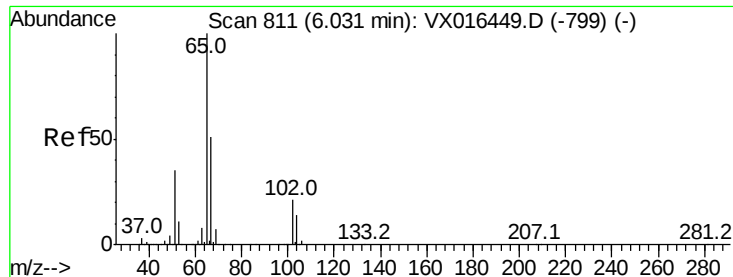


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.437 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016478.D

Acq: 28 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

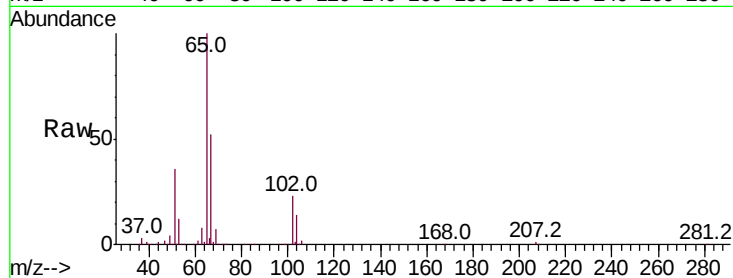
WP021RW246-200520

Tot Ion: 65 Resp: 186986

Ion Ratio Lower Upper

65 100

67 53.5 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

60000

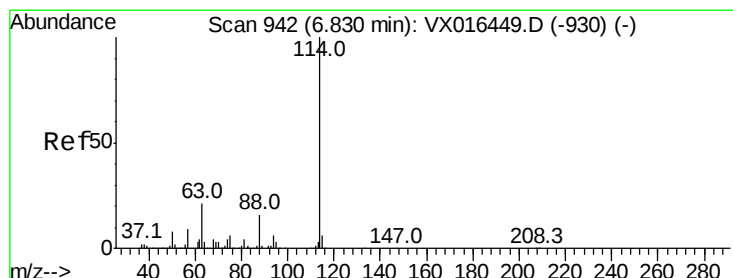
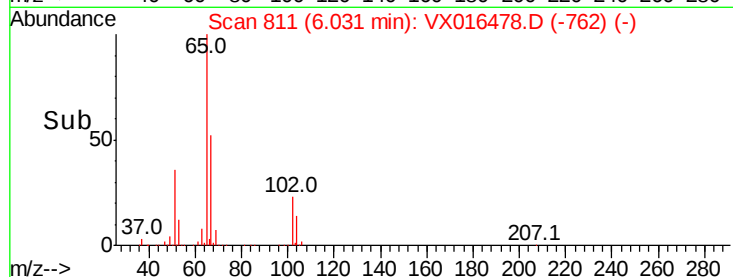
40000

20000

0

5.90 6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016478.D

Acq: 28 May 2020 12:30

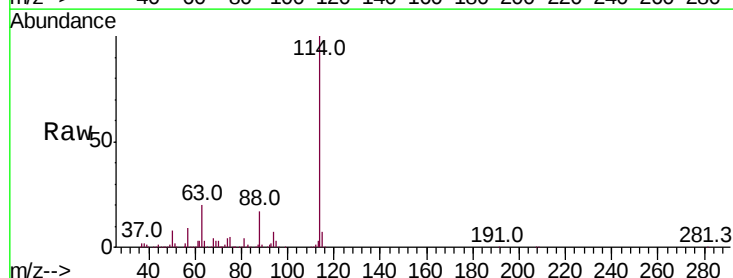
Tgt Ion: 114 Resp: 516729

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

88 16.7 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

250000

200000

150000

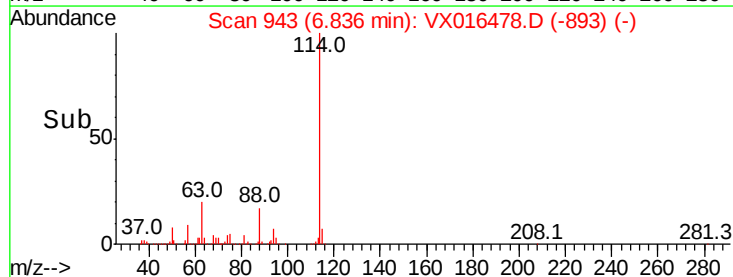
100000

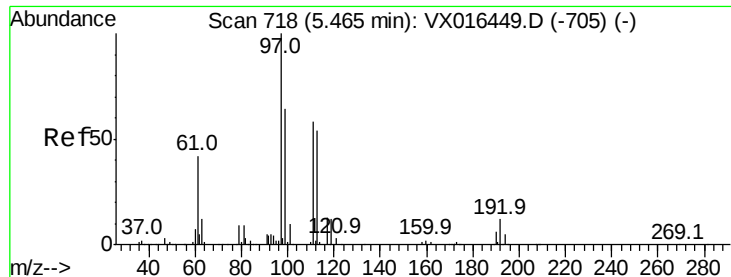
50000

0

6.70 6.80 6.90

Time-->





#35

Dibromofluoromethane

Concen: 46.986 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016478.D

Acq: 28 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

WP021RW246-200520

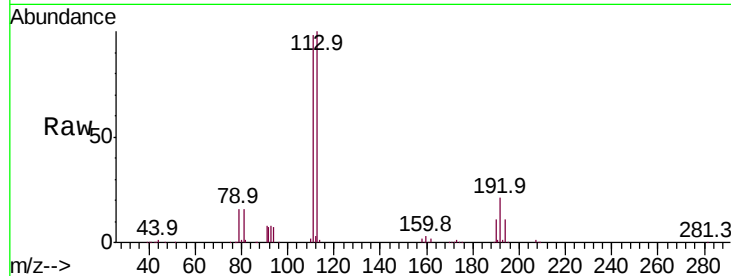
Tot Ion:113 Resp: 149497

Ion Ratio Lower Upper

113 100

111 100.6 83.0 124.6

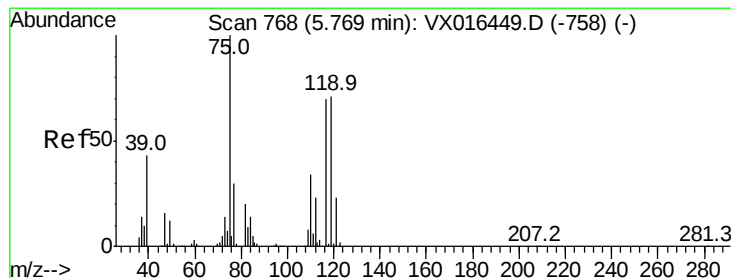
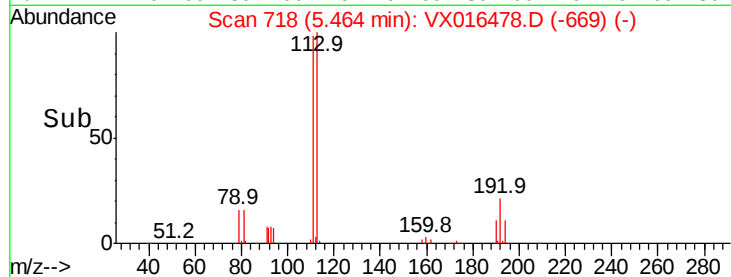
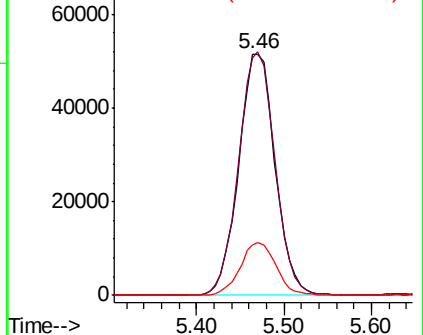
192 21.5 17.7 26.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.686 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX016478.D

Acq: 28 May 2020 12:30

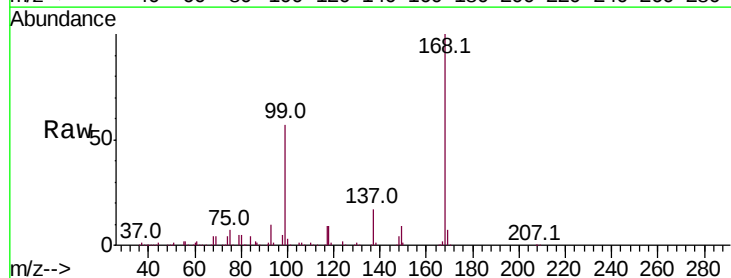
Tgt Ion: 75 Resp: 22926

Ion Ratio Lower Upper

75 100

110 9.0 17.4 52.3#

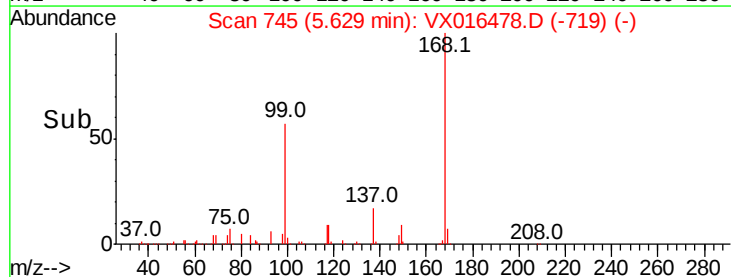
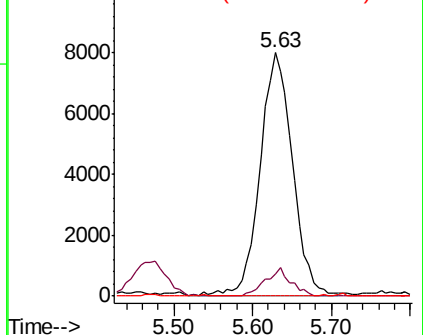
77 0.0 24.2 36.4#

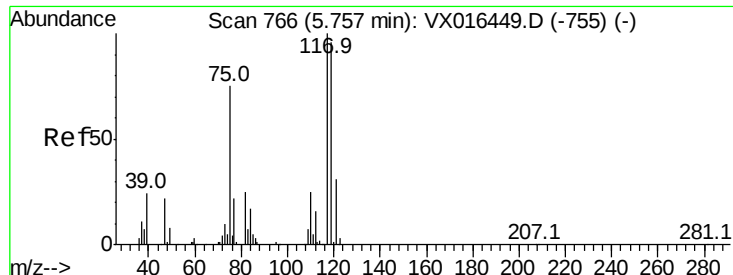


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

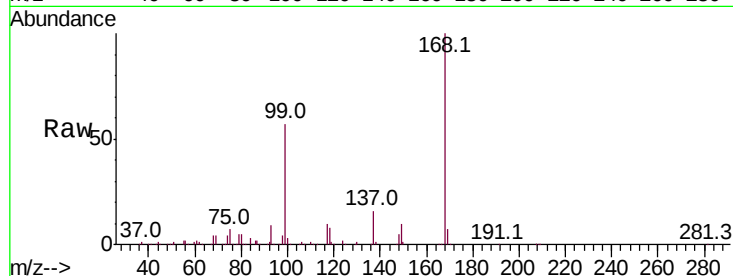




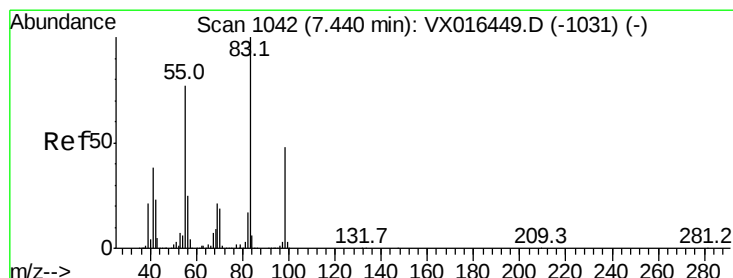
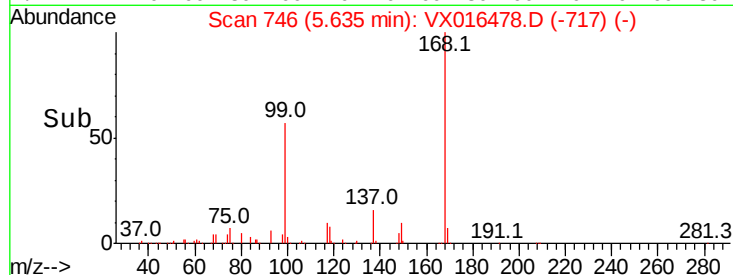
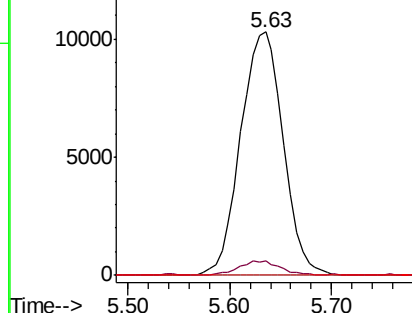
#38
Carbon Tetrachloride
Concen: 5.788 ug/l
RT: 5.63 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX016478.D
Acq: 28 May 2020 12:30

Instrument :
MSVOA_X
ClientSampleId :
WP021RW246-200520

Tot Ion:117 Resp: 29760
Ion Ratio Lower Upper
117 100
119 5.8 76.3 114.5#
121 0.0 24.6 37.0#

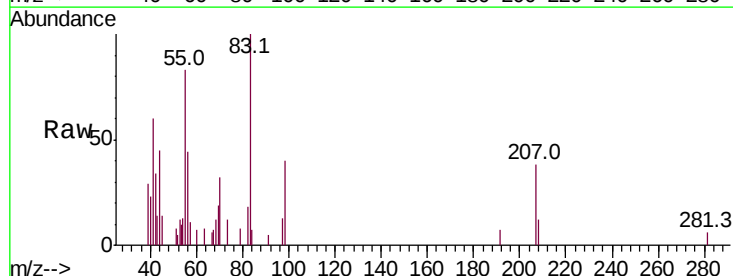


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

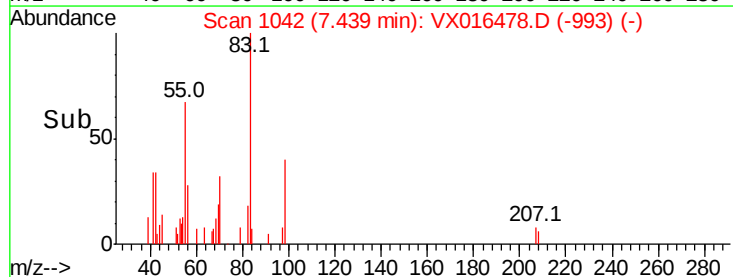
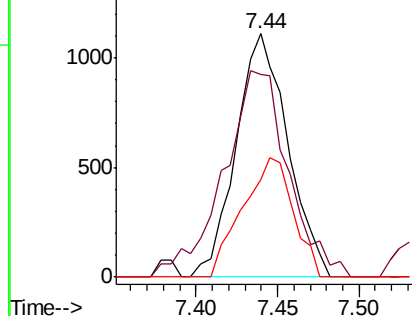


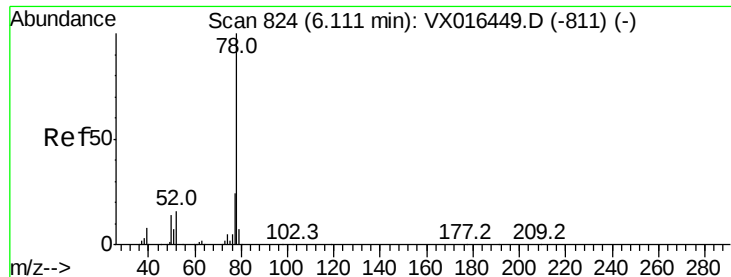
#39
Methylcyclohexane
Concen: 0.461 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016478.D
Acq: 28 May 2020 12:30

Tgt Ion: 83 Resp: 2448
Ion Ratio Lower Upper
83 100
55 77.0 61.7 92.5
98 40.2 38.7 58.1



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 26.484 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX016478.D

Acq: 28 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

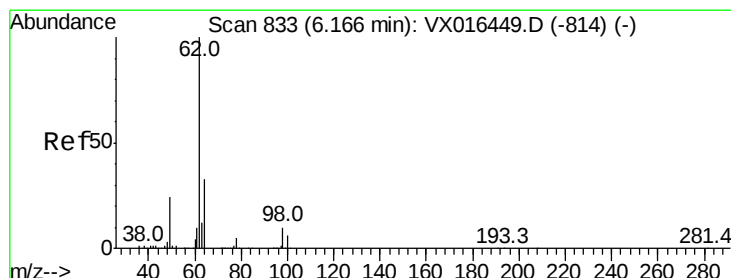
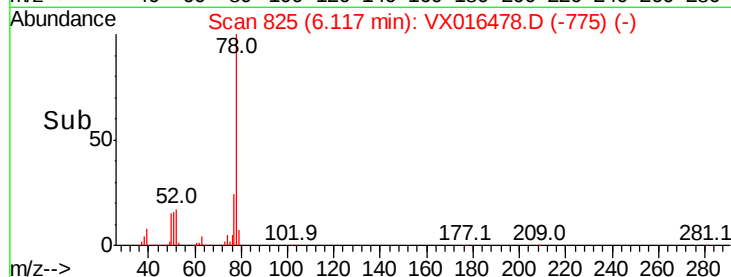
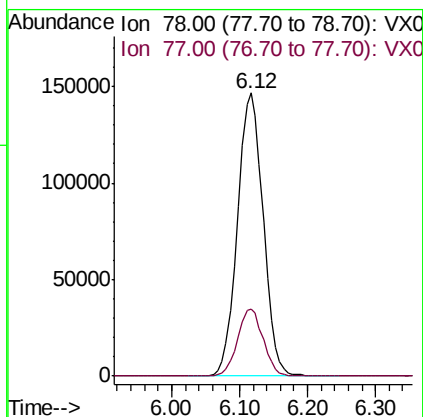
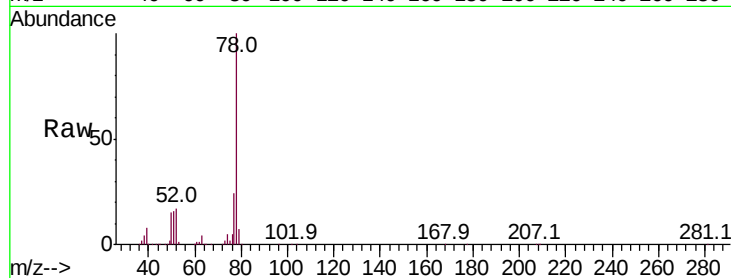
WP021RW246-200520

Tot Ion: 78 Resp: 385850

Ion Ratio Lower Upper

78 100

77 23.8 18.9 28.3



#42

1,2-Dichloroethane

Concen: 0.838 ug/l

RT: 6.12 min Scan# 825

Delta R.T. -0.05 min

Lab File: VX016478.D

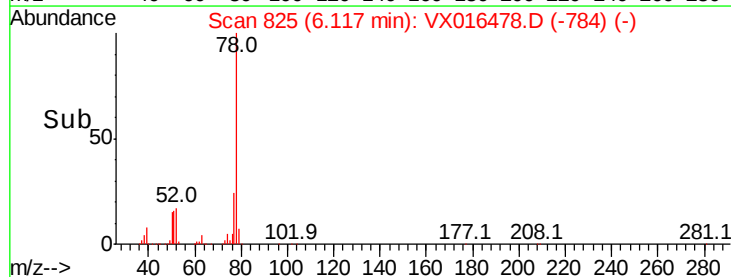
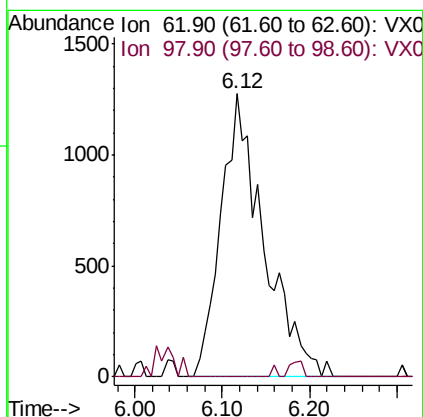
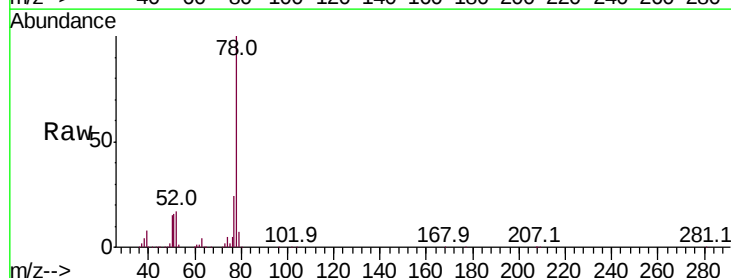
Acq: 28 May 2020 12:30

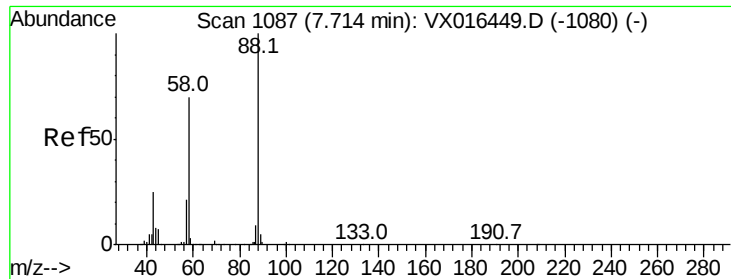
Tgt Ion: 62 Resp: 4343

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8

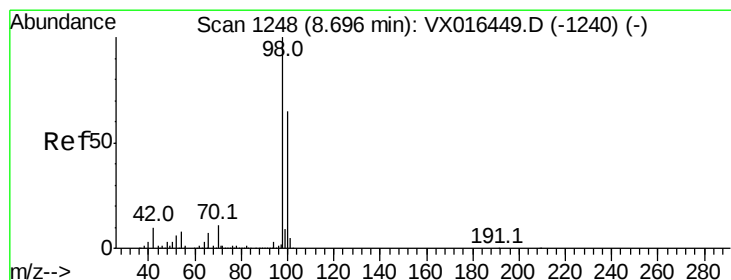
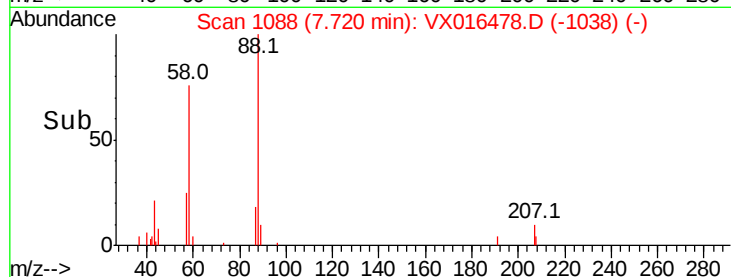
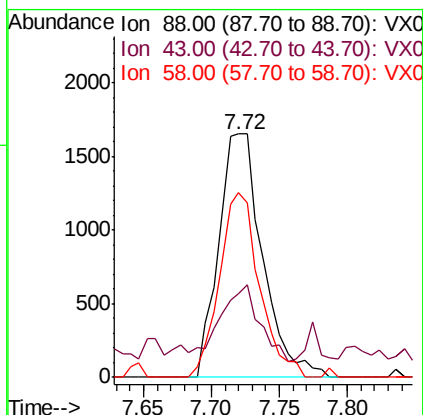
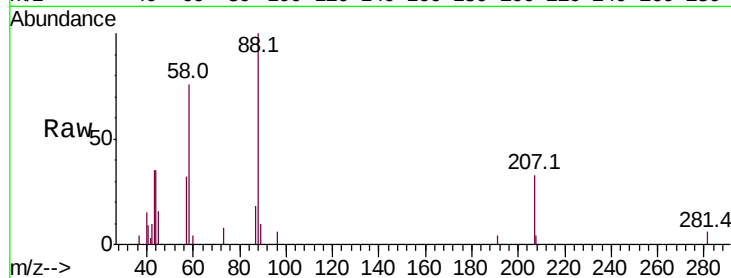




#49
1,4-Dioxane
Concen: 36.080 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX016478.D
Acq: 28 May 2020 12:30

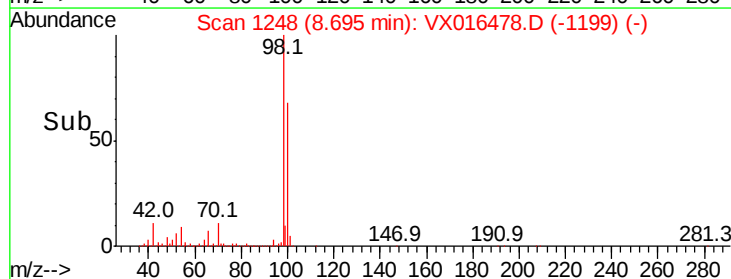
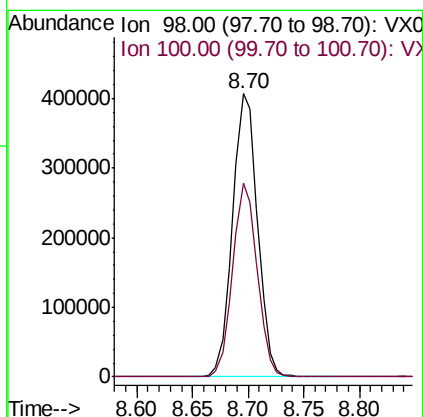
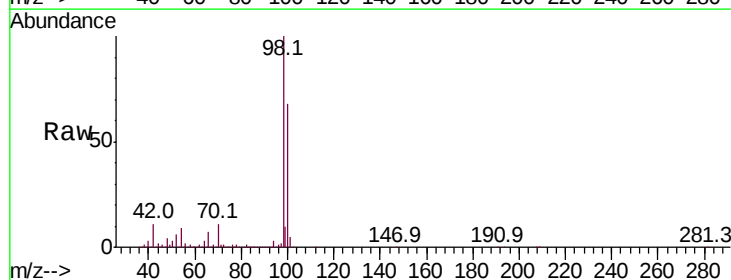
Instrument :
MSVOA_X
ClientSampleId :
WP021RW246-200520

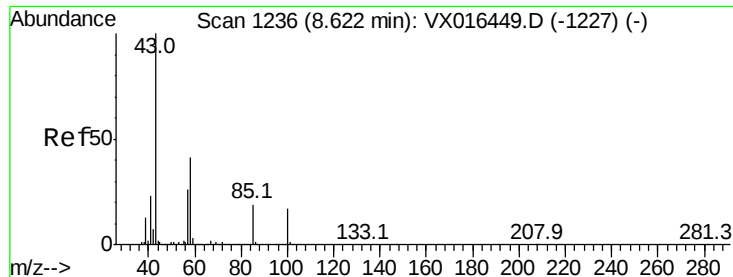
Tot Ion: 88 Resp: 3704
Ion Ratio Lower Upper
88 100
43 28.5 24.2 36.4
58 69.3 56.5 84.7



#50
Toluene-d8
Concen: 51.207 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016478.D
Acq: 28 May 2020 12:30

Tgt Ion: 98 Resp: 634148
Ion Ratio Lower Upper
98 100
100 67.1 53.8 80.6





#51

4-Methyl-2-Pentanone

Concen: 0.450 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.07 min

Lab File: VX016478.D

Acq: 28 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

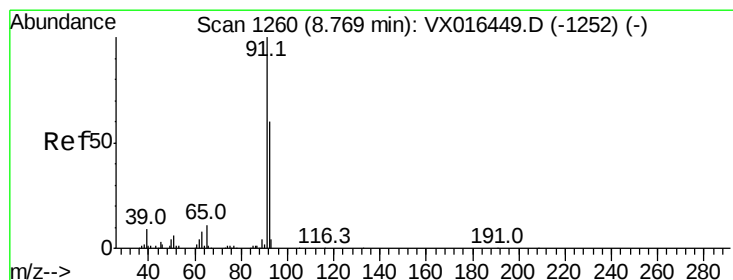
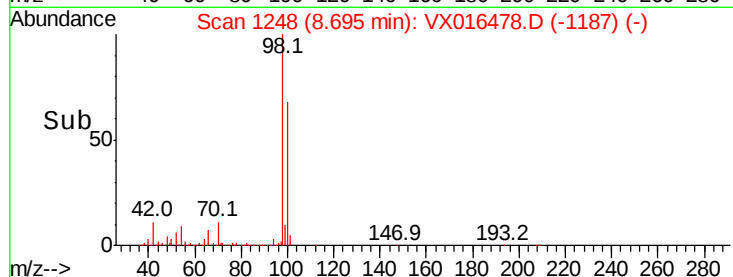
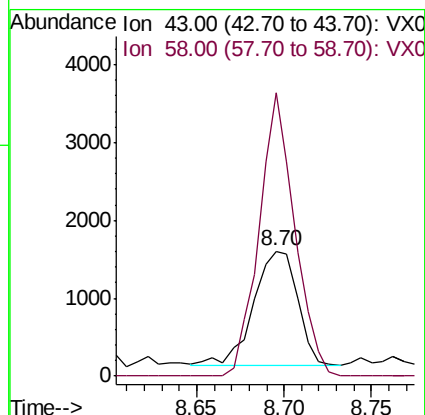
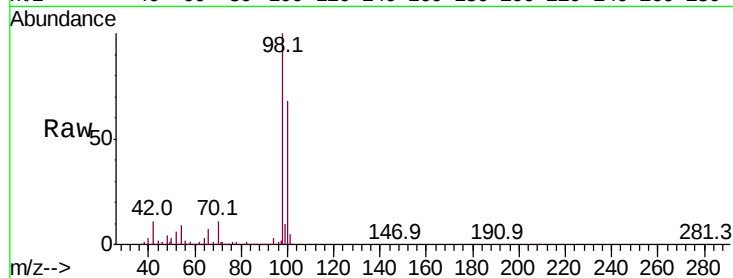
WP021RW246-200520

Tot Ion: 43 Resp: 2566

Ion Ratio Lower Upper

43 100

58 200.7 33.0 49.6#



#52

Toluene

Concen: 0.638 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016478.D

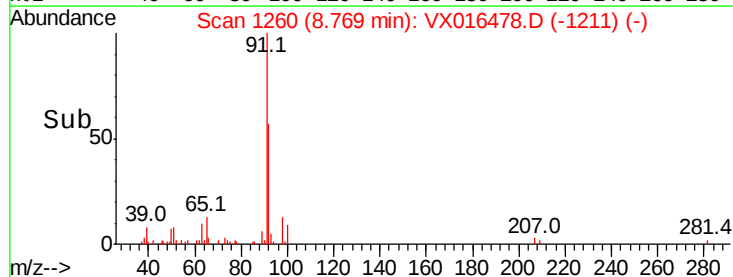
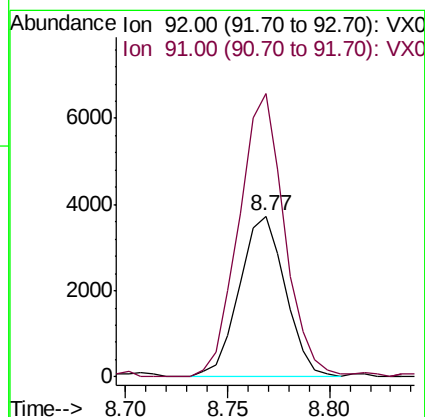
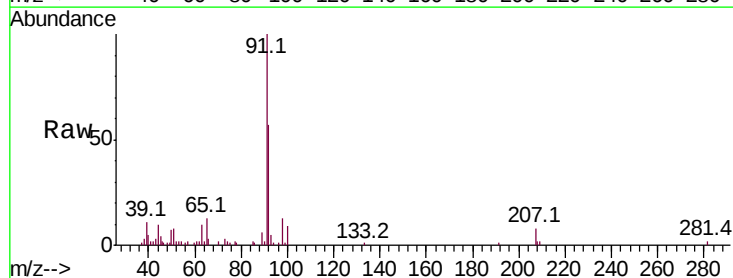
Acq: 28 May 2020 12:30

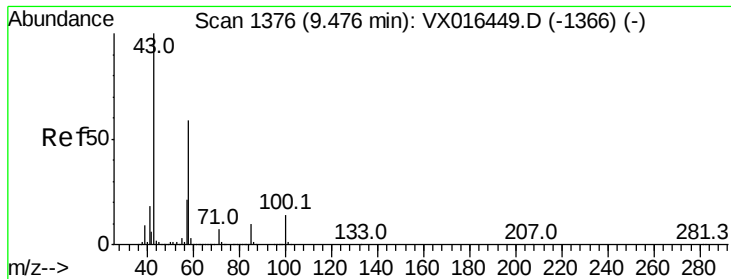
Tgt Ion: 92 Resp: 5857

Ion Ratio Lower Upper

92 100

91 175.8 135.0 202.4

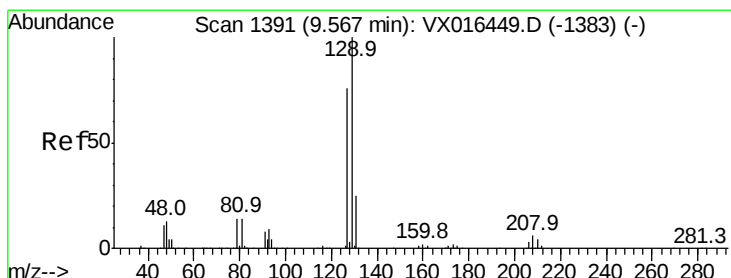
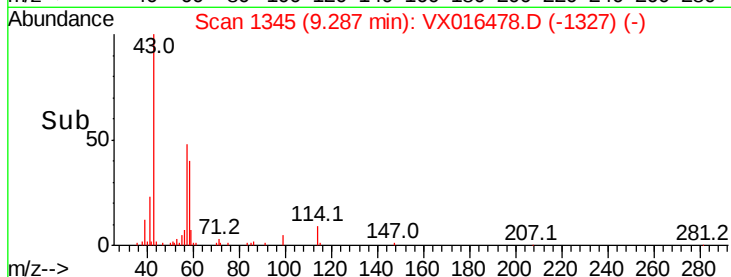
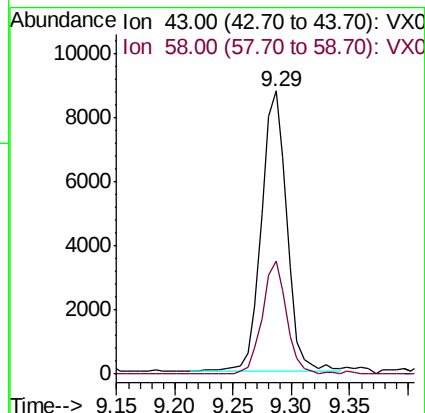
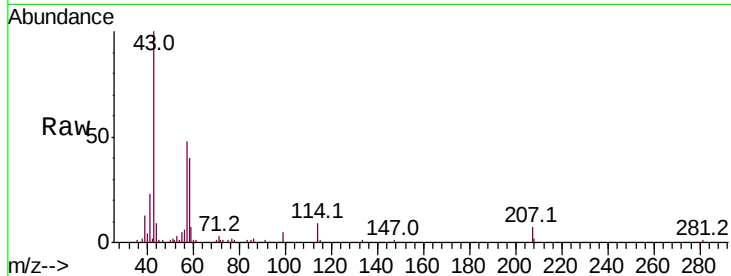




#59
2-Hexanone
Concen: 3.023 ug/l
RT: 9.29 min Scan# 1345
Delta R.T. -0.19 min
Lab File: VX016478.D
Acq: 28 May 2020 12:30

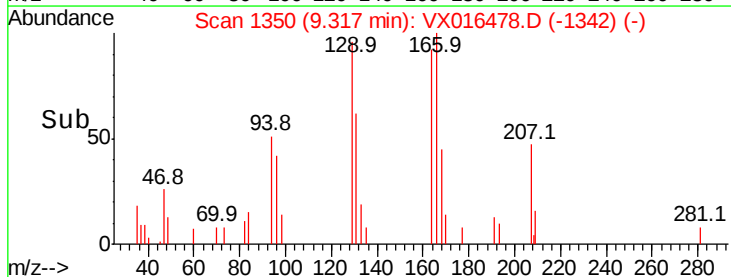
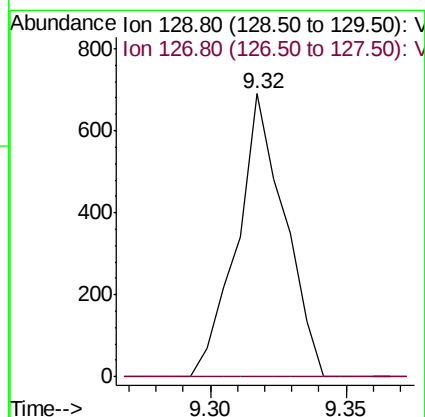
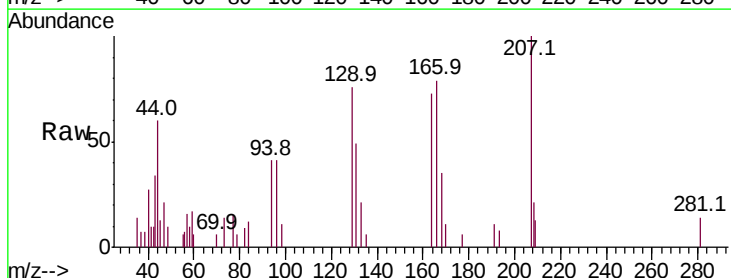
Instrument :
MSVOA_X
ClientSampleId :
WP021RW246-200520

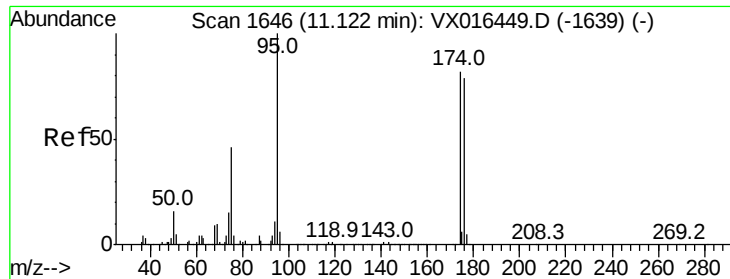
Tot Ion: 43 Resp: 13411
Ion Ratio Lower Upper
43 100
58 38.2 28.8 86.4



#60
Dibromochloromethane
Concen: 0.203 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.25 min
Lab File: VX016478.D
Acq: 28 May 2020 12:30

Tgt Ion: 129 Resp: 836
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

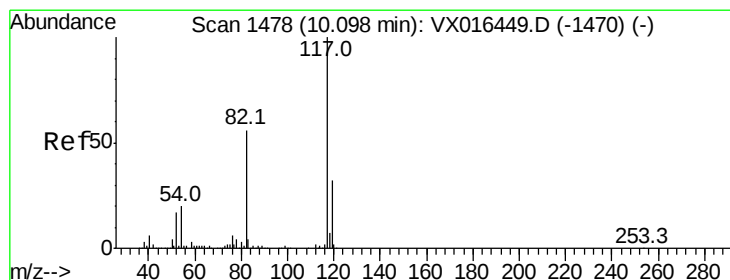
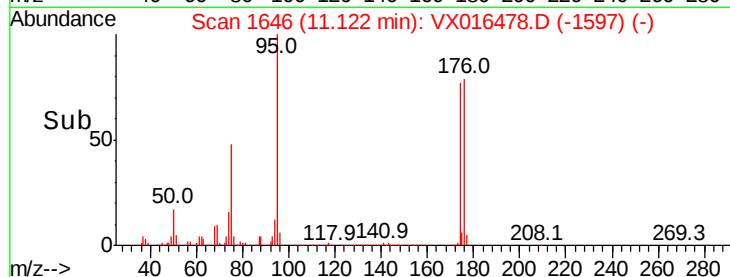
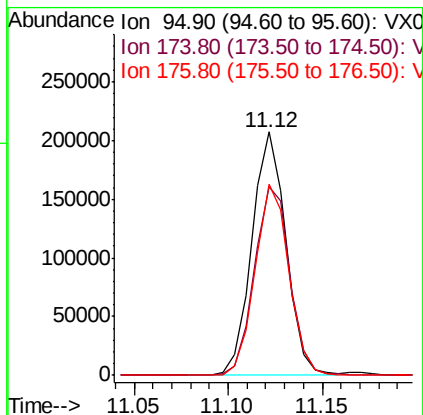
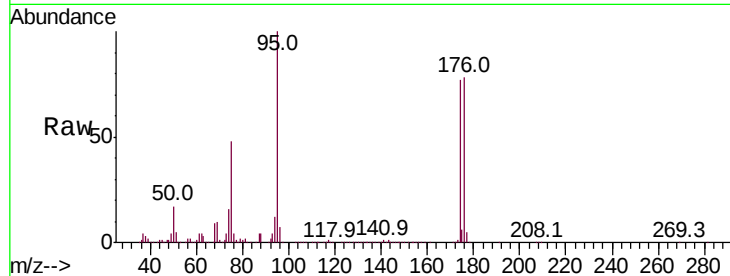




#62
4-Bromofluorobenzene
Concen: 53.935 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016478.D
Acq: 28 May 2020 12:30

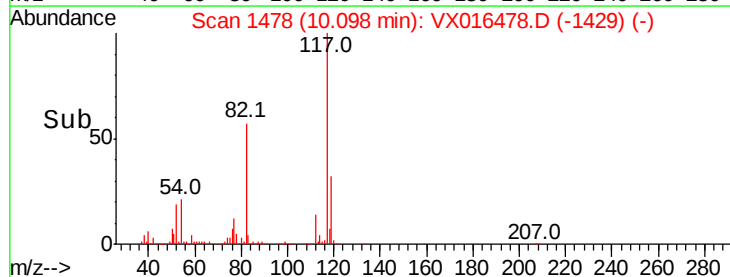
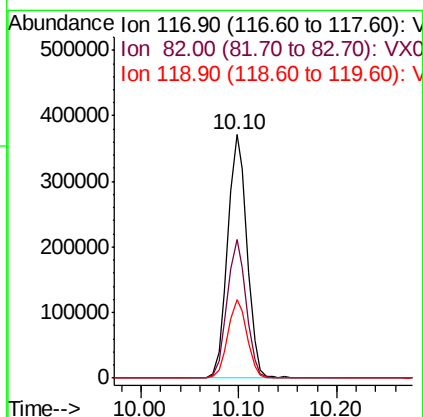
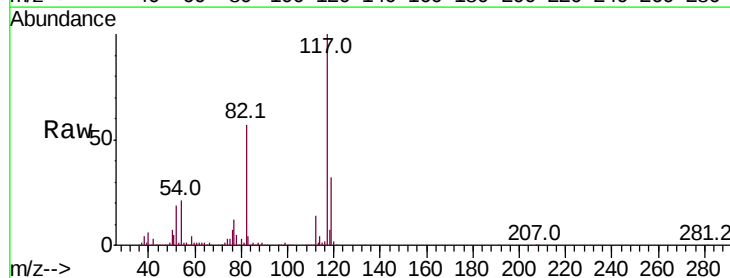
Instrument :
MSVOA_X
ClientSampleId :
WP021RW246-200520

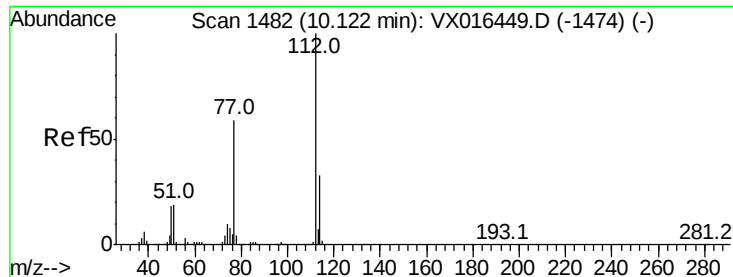
Tot Ion: 95 Resp: 258088
Ion Ratio Lower Upper
95 100
174 80.8 0.0 163.0
176 78.6 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016478.D
Acq: 28 May 2020 12:30

Tgt Ion: 117 Resp: 512094
Ion Ratio Lower Upper
117 100
82 57.1 45.0 67.6
119 32.2 25.8 38.8

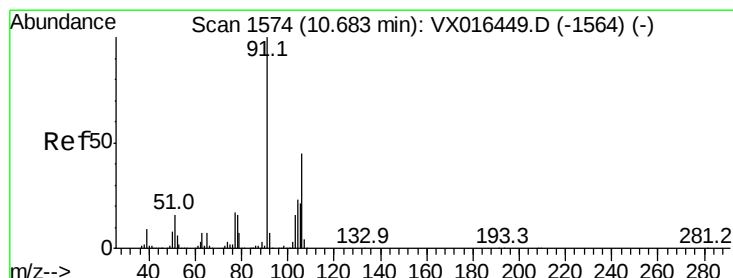
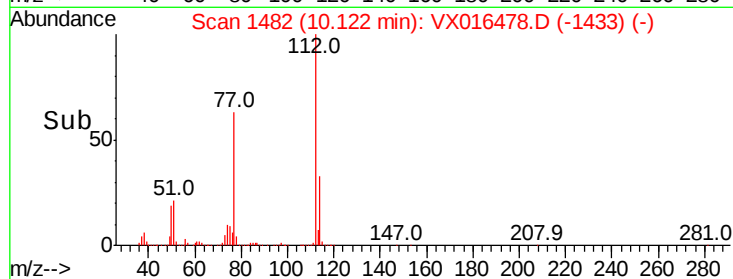
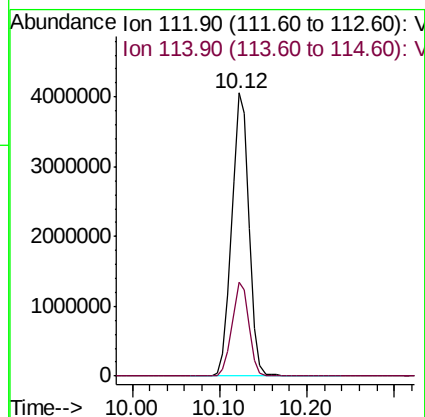
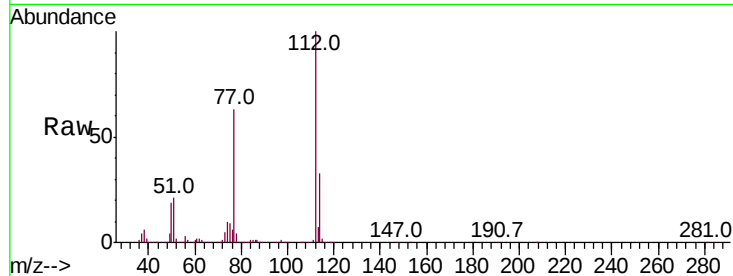




#65
Chlorobenzene
Concen: 533.535 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016478.D
Acq: 28 May 2020 12:30

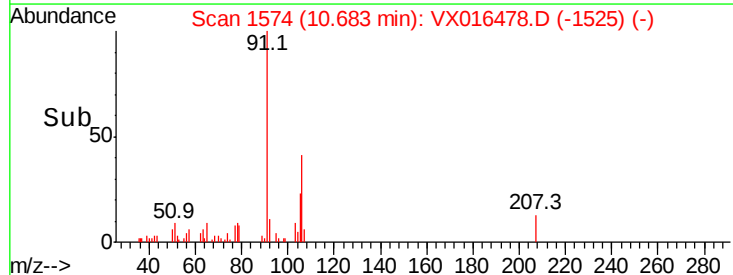
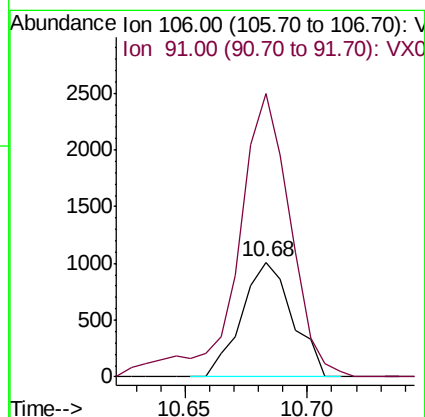
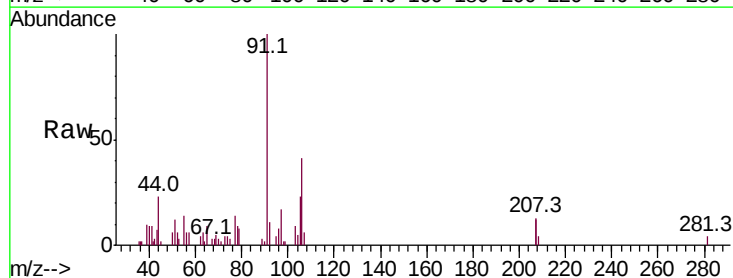
Instrument :
MSVOA_X
ClientSampleId :
WP021RW246-200520

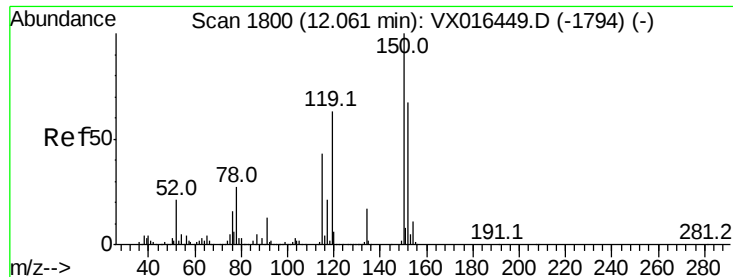
Tot Ion:112 Resp: 5570203
Ion Ratio Lower Upper
112 100
114 33.3 26.0 39.0



#69
o-Xylene
Concen: 0.219 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016478.D
Acq: 28 May 2020 12:30

Tgt Ion:106 Resp: 1461
Ion Ratio Lower Upper
106 100
91 256.9 109.6 328.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016478.D

Acq: 28 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

WP021RW246-200520

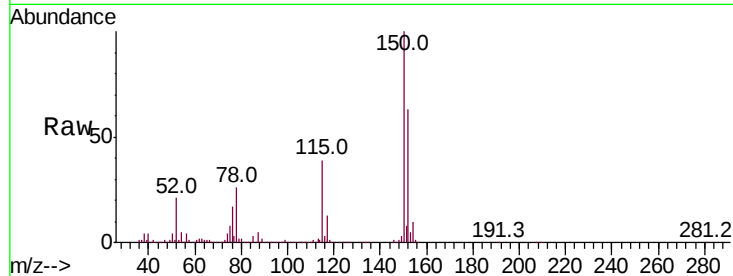
Tot Ion:152 Resp: 253942

Ion Ratio Lower Upper

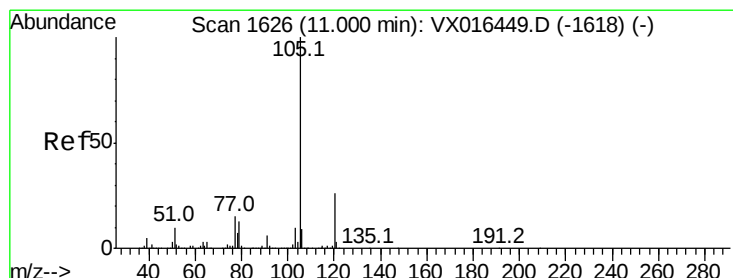
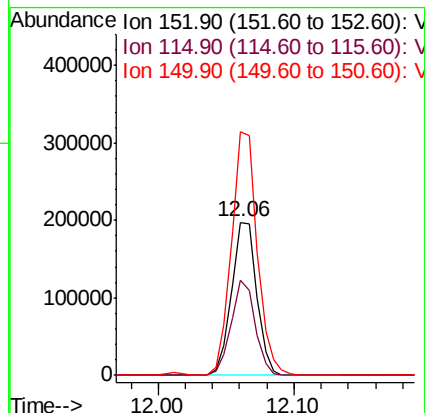
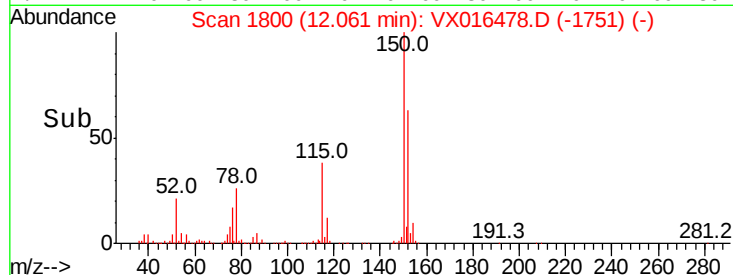
152 100

115 59.2 39.9 119.6

150 163.2 0.0 341.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.206 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016478.D

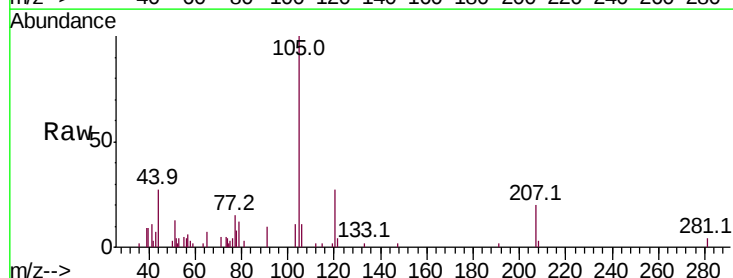
Acq: 28 May 2020 12:30

Tgt Ion:105 Resp: 3624

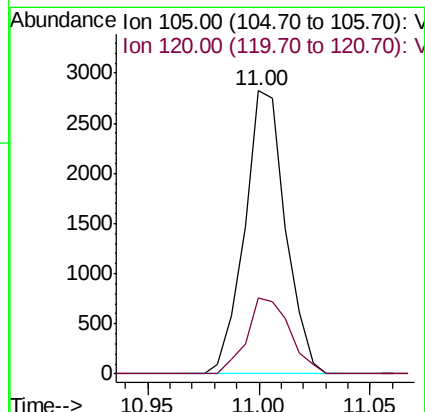
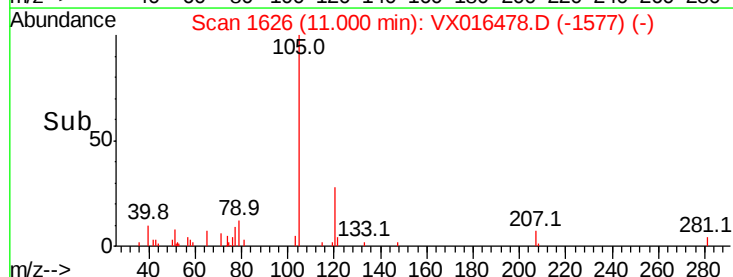
Ion Ratio Lower Upper

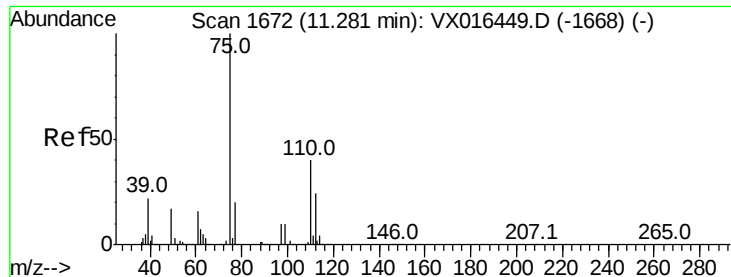
105 100

120 28.2 13.1 39.3



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: 22.510 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016478.D

Acq: 28 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

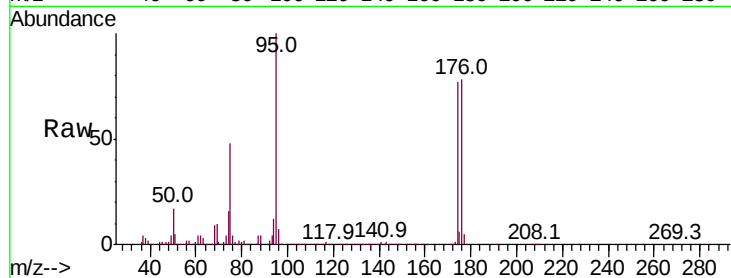
WP021RW246-200520

Tot Ion: 75 Resp: 125645

Ion Ratio Lower Upper

75 100

77 1.4 21.3 63.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.12

100000

80000

60000

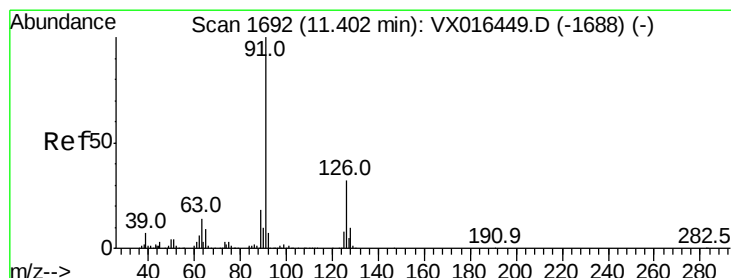
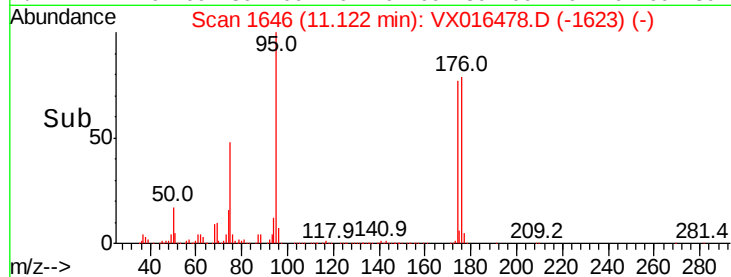
40000

20000

0

11.10 11.20

Time-->



#79

2-Chlorotoluene

Concen: 0.369 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016478.D

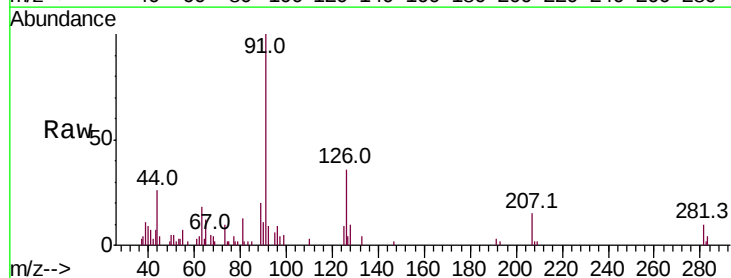
Acq: 28 May 2020 12:30

Tgt Ion: 91 Resp: 4423

Ion Ratio Lower Upper

91 100

126 31.5 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

11.40

3000

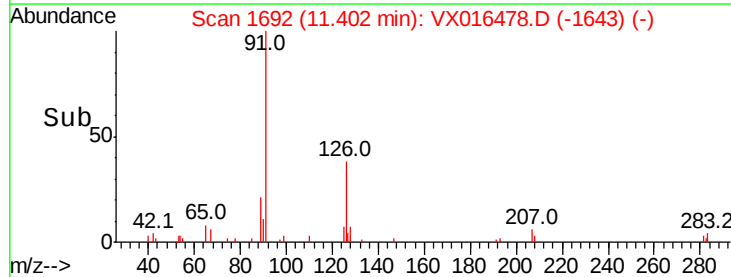
2000

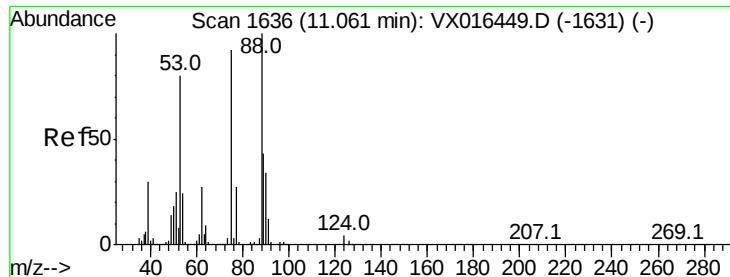
1000

0

11.35 11.40 11.45 11.50

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 55.371 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016478.D

Acq: 28 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

WP021RW246-200520

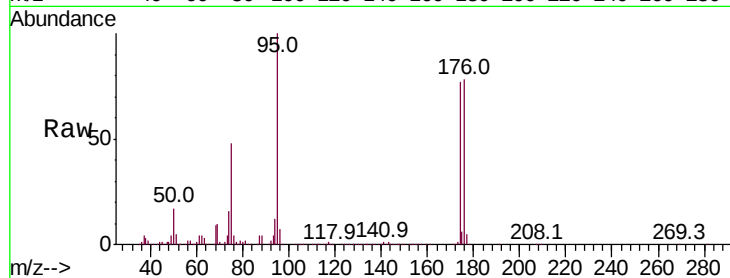
Tot Ion: 75 Resp: 125645

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

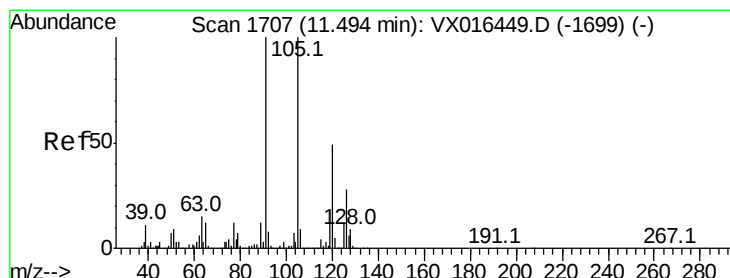
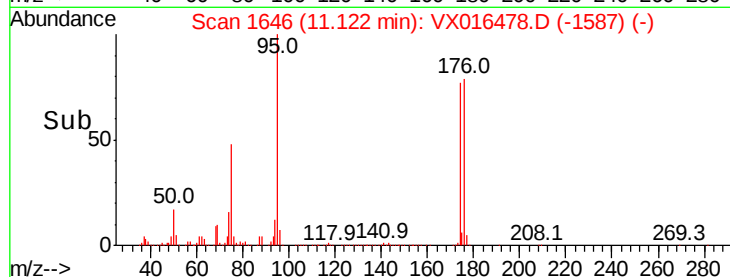
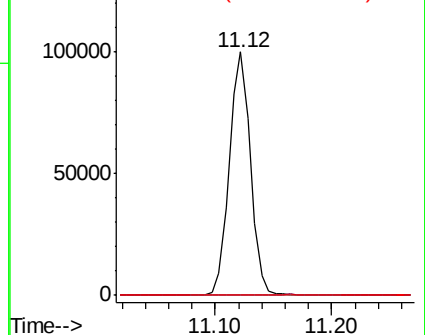
89 0.0 36.6 55.0#



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: 0.312 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.09 min

Lab File: VX016478.D

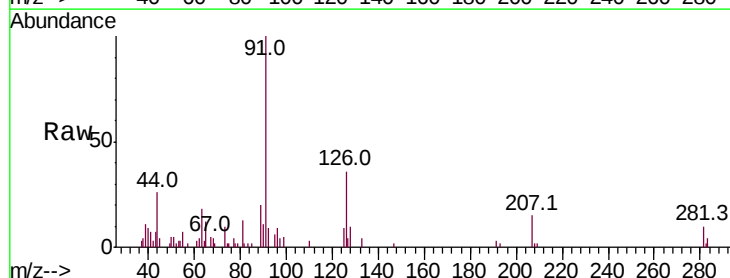
Acq: 28 May 2020 12:30

Tgt Ion: 91 Resp: 4423

Ion Ratio Lower Upper

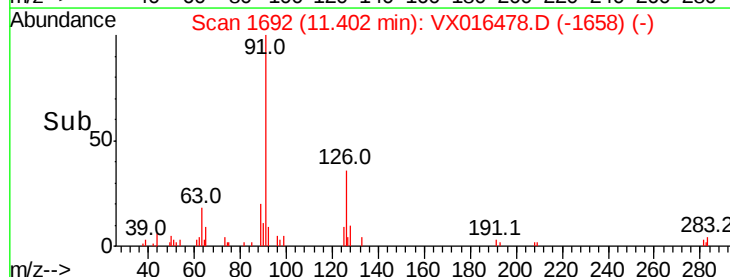
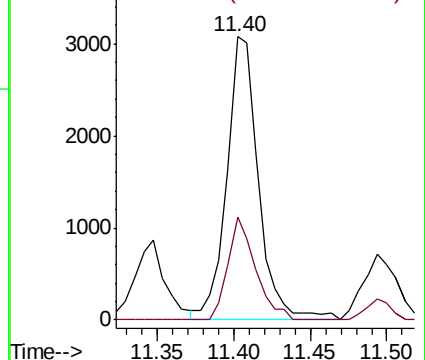
91 100

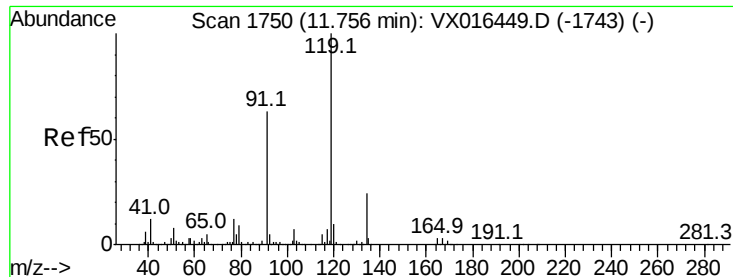
126 31.5 14.7 44.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

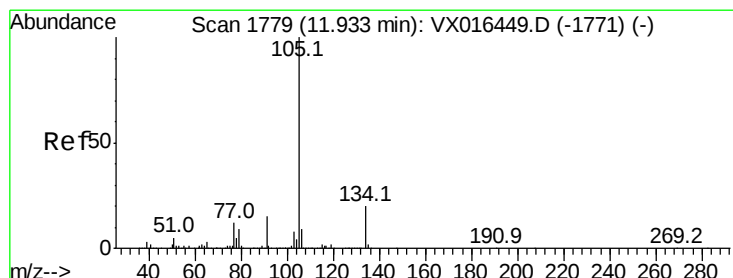
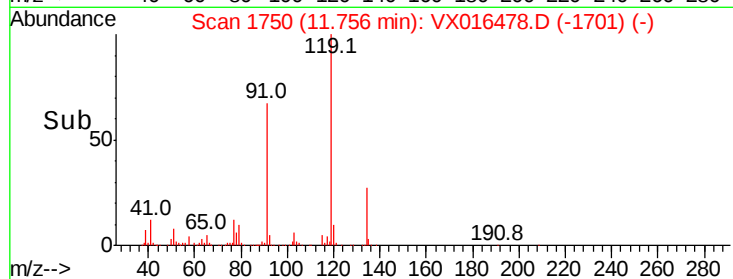
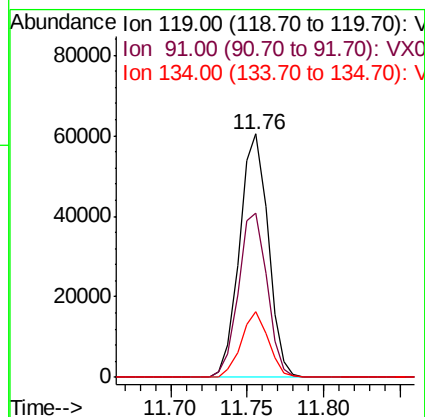
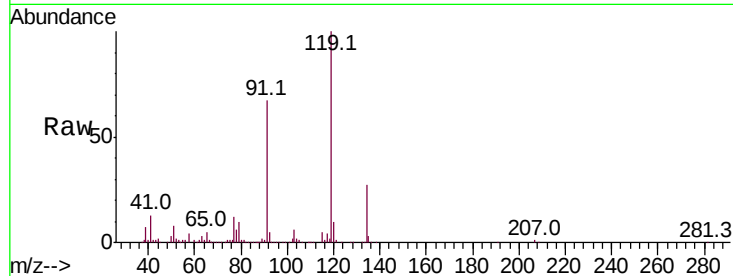




#83
tert-Butylbenzene
Concen: 6.258 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016478.D
Acq: 28 May 2020 12:30

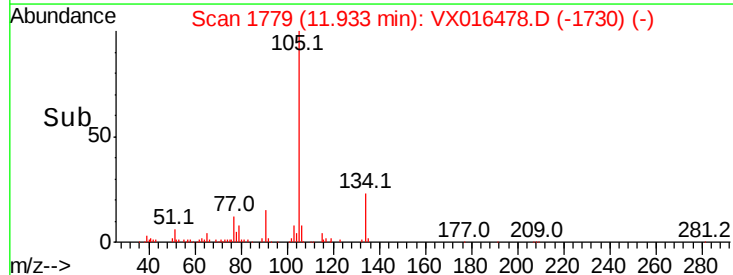
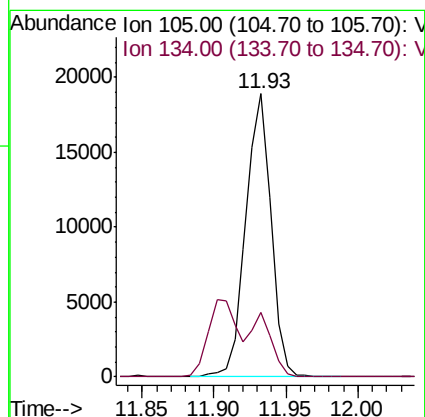
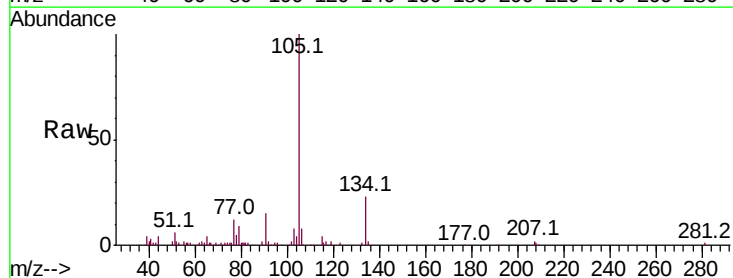
Instrument :
MSVOA_X
ClientSampleId :
WP021RW246-200520

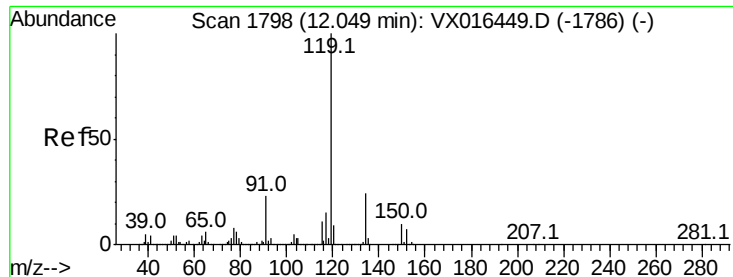
Tot Ion	Ratio	Lower	Upper
119	100		
91	67.8	31.3	93.8
134	25.5	12.0	36.0



#85
sec-Butylbenzene
Concen: 1.461 ug/l
RT: 11.93 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VX016478.D
Acq: 28 May 2020 12:30

Tgt Ion	Ratio	Lower	Upper
105	100		
134	18.2	10.1	30.3

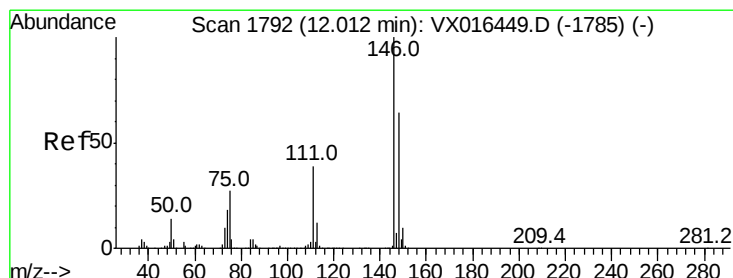
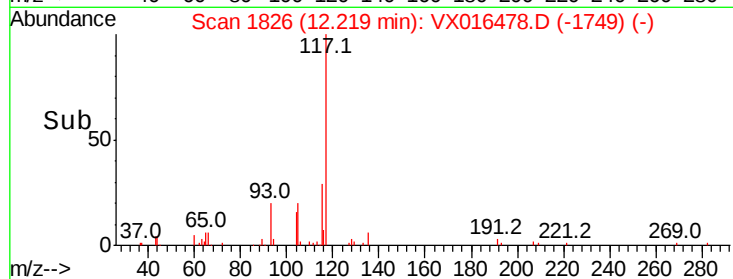
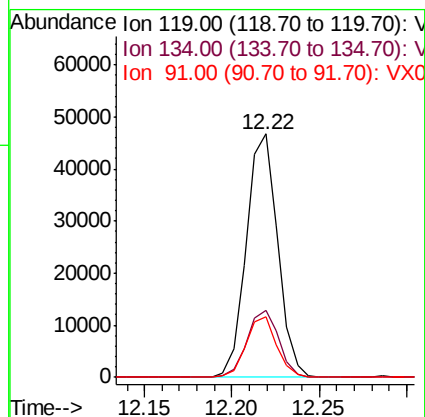
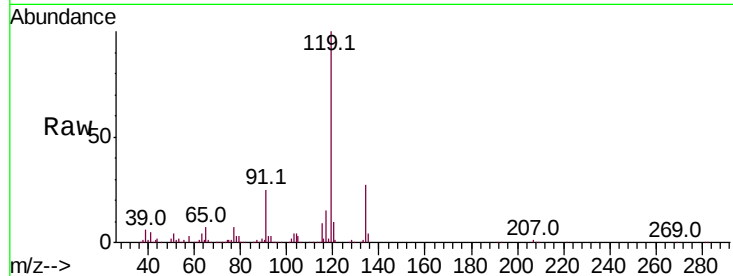




#86
 p-Isopropyltoluene
 Concen: 3.953 ug/l
 RT: 12.22 min Scan# 1826
 Delta R.T. 0.17 min
 Lab File: VX016478.D
 Acq: 28 May 2020 12:30

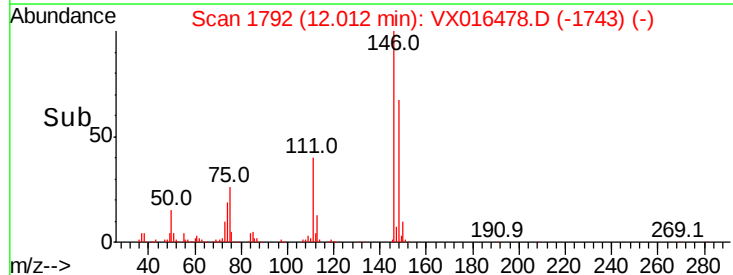
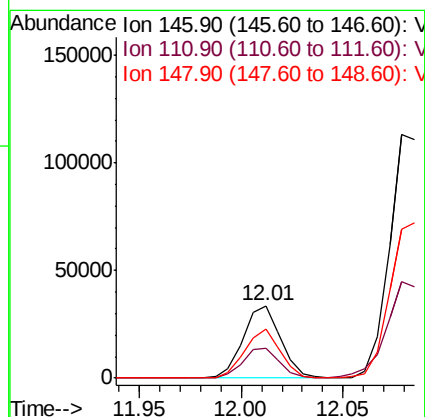
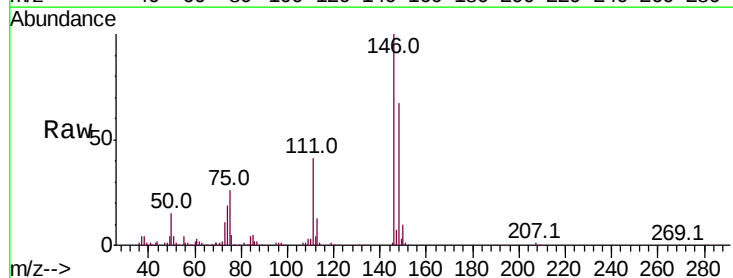
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021RW246-200520

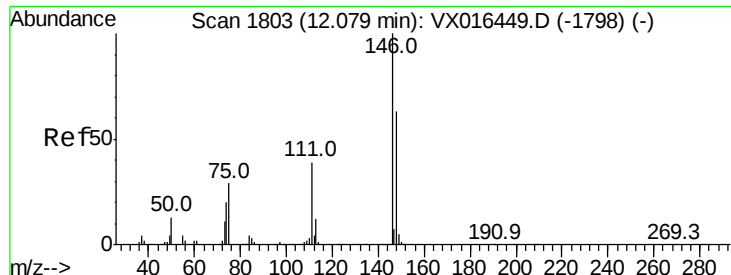
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.7	12.7	38.0
91	24.7	11.7	35.0



#87
 1,3-Dichlorobenzene
 Concen: 5.339 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016478.D
 Acq: 28 May 2020 12:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.0	60.0
148	64.7	31.9	95.5





#88

1,4-Dichlorobenzene

Concen: 17.581 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX016478.D

Acq: 28 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

WP021RW246-200520

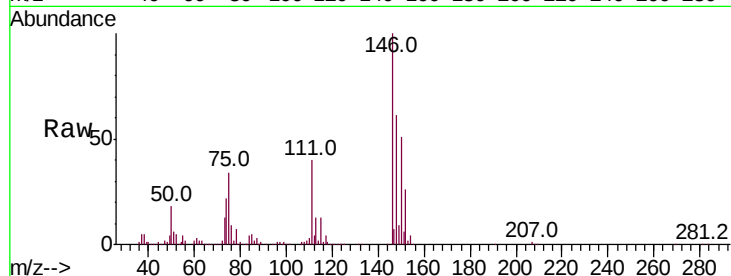
Tot Ion:146 Resp: 143762

Ion Ratio Lower Upper

146 100

111 41.2 19.4 58.2

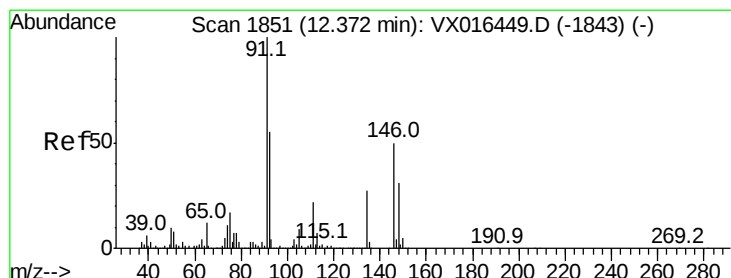
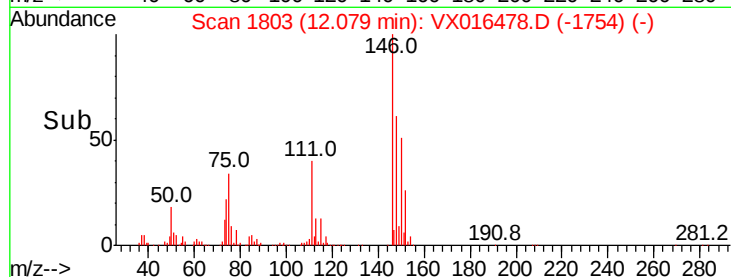
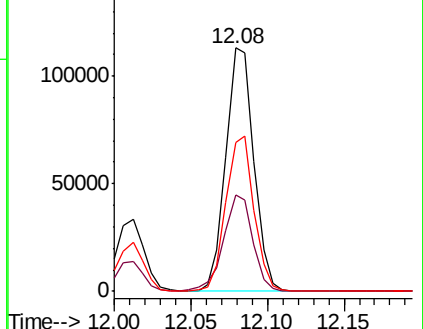
148 63.9 31.4 94.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.381 ug/l

RT: 12.35 min Scan# 1848

Delta R.T. -0.02 min

Lab File: VX016478.D

Acq: 28 May 2020 12:30

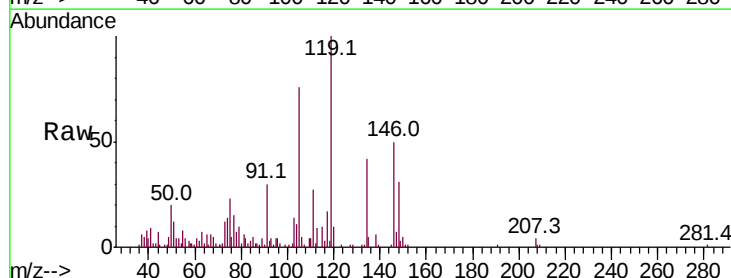
Tgt Ion: 91 Resp: 4678

Ion Ratio Lower Upper

91 100

92 24.0 27.2 81.5#

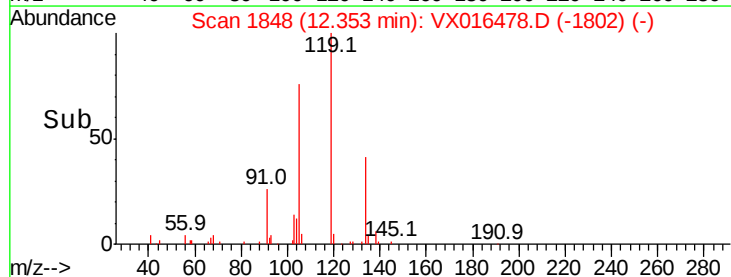
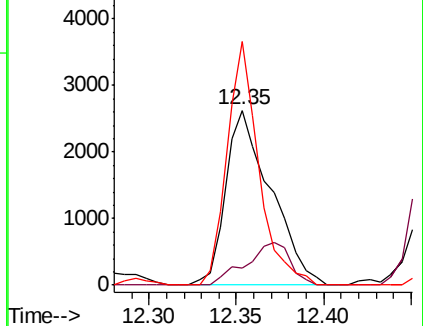
134 98.6 13.1 39.3#

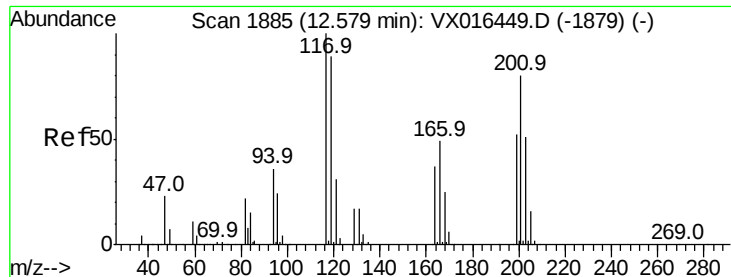


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.255 ug/l

RT: 12.63 min Scan# 1894

Delta R.T. 0.05 min

Lab File: VX016478.D

Acq: 28 May 2020 12:30

Instrument :

MSVOA_X

ClientSampleId :

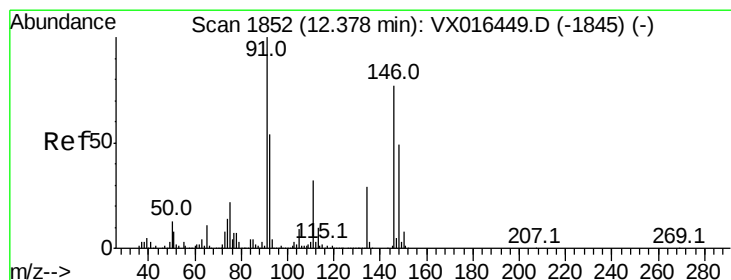
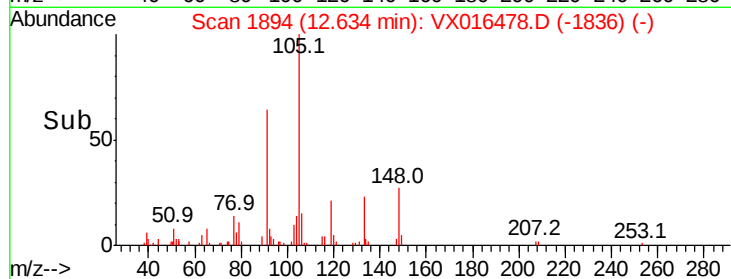
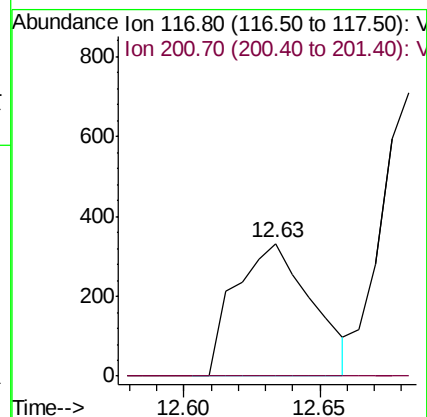
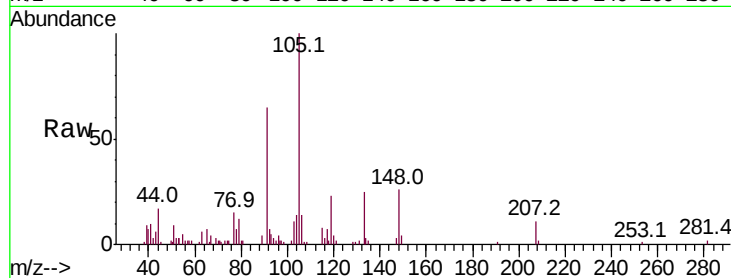
WP021RW246-200520

Tot Ion:117 Resp: 649

Ion Ratio Lower Upper

117 100

201 0.0 43.1 129.3#



#91

1,2-Dichlorobenzene

Concen: 31.994 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016478.D

Acq: 28 May 2020 12:30

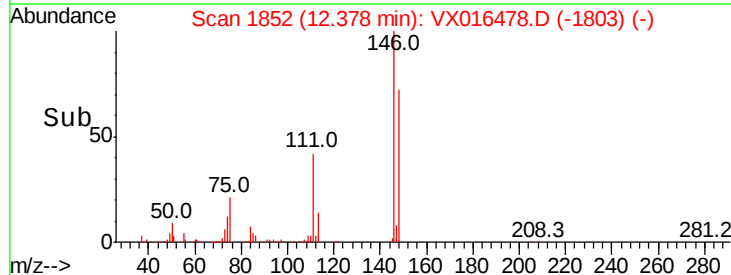
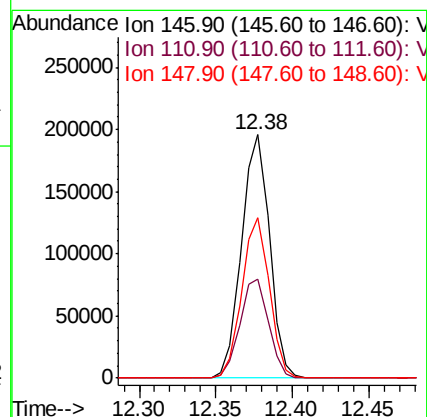
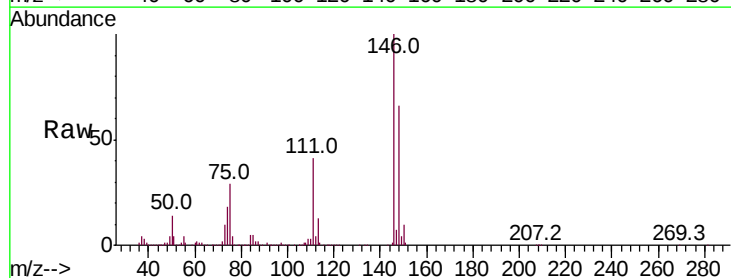
Tgt Ion:146 Resp: 247828

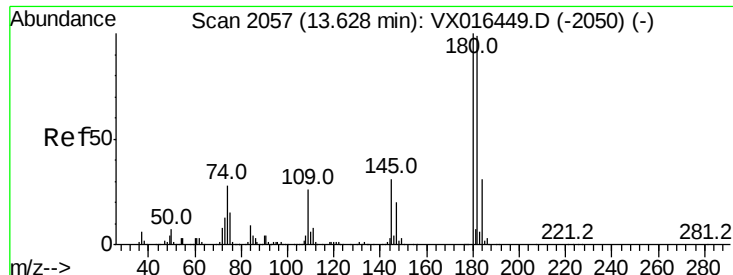
Ion Ratio Lower Upper

146 100

111 41.7 21.4 64.3

148 64.7 31.9 95.7





#93
 1,2,4-Trichlorobenzene
 Concen: 0.207 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016478.D
 Acq: 28 May 2020 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021RW246-200520

Tot Ion:180 Resp: 1066
 Ion Ratio Lower Upper
 180 100
 182 104.1 48.3 144.8
 145 99.1 15.4 46.2#

