

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092019\
 Data File : VX012553.D
 Acq On : 20 Sep 2019 13:38
 Operator : JC/SP
 Sample : K4887-06DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-0159DL

Quant Time: Sep 21 01:32:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	177141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	279493	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	248719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	107509	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	116766	45.99	ug/l	0.00
Spiked Amount			Recovery	=	91.98%	
35) Dibromofluoromethane	5.49	113	81430	48.14	ug/l	0.00
Spiked Amount			Recovery	=	96.28%	
50) Toluene-d8	8.71	98	328084	52.40	ug/l	0.00
Spiked Amount			Recovery	=	104.80%	
62) 4-Bromofluorobenzene	11.14	95	126818	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	60	0.442	ug/l #	43
3) Chloromethane	1.31	50	333	0.342	ug/l #	6
5) Bromomethane	1.63	94	588	1.422	ug/l #	17
6) Chloroethane	1.70	64	165	0.200	ug/l #	42
10) Methyl Iodide	2.49	142	247	4.630	ug/l #	78
11) Tert butyl alcohol	3.00	59	10222	10.246	ug/l #	81
13) Acrolein	2.28	56	153	Below Cal	#	53
15) Acrylonitrile	3.15	53	415	0.377	ug/l #	28
16) Acetone	2.44	43	794	Below Cal	#	84
17) Carbon Disulfide	2.56	76	203	1.931	ug/l #	75
20) Methylene Chloride	2.83	84	1089	0.709	ug/l #	68
29) Tetrahydrofuran	5.12	42	551	0.566	ug/l #	34
31) Cyclohexane	5.56	56	20239	11.542	ug/l	96
36) 1,1-Dichloropropene	5.65	75	14863	8.750	ug/l #	53
38) Carbon Tetrachloride	5.64	117	18637	8.822	ug/l #	17
39) Methylcyclohexane	7.45	83	30245	18.316	ug/l	97
48) Methyl methacrylate	7.72	41	1717	0.778	ug/l #	45
55) 1,1,2-Trichloroethane	9.16	97	1575	0.878	ug/l #	21
64) Tetrachloroethene	9.33	164	513	0.450	ug/l #	73
67) Ethyl Benzene	10.25	91	217525	30.842	ug/l	98
68) m/p-Xylenes	10.35	106	89902	35.034	ug/l	95
69) o-Xylene	10.70	106	625	0.237	ug/l	96
73) Isopropylbenzene	11.01	105	49282	7.306	ug/l	99
76) 1,2,3-Trichloropropane	11.14	75	65103	26.362	ug/l #	38
78) n-propylbenzene	11.35	91	53458	7.110	ug/l	99
79) 2-Chlorotoluene	11.45	91	8146	1.665	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.45	105	69947	12.159	ug/l	71
81) trans-1,4-Dichloro-2-buten	11.14	75	65103	70.988	ug/l #	8
82) 4-Chlorotoluene	11.45	91	8146	1.451	ug/l #	46
83) tert-Butylbenzene	11.81	119	26964	4.374	ug/l #	57
84) 1,2,4-Trimethylbenzene	11.81	105	218031	36.911	ug/l	98
85) sec-Butylbenzene	11.94	105	7377	1.086	ug/l	87
86) p-Isopropyltoluene	12.06	119	7051	1.130	ug/l	92
89) n-Butylbenzene	12.39	91	3442	0.618	ug/l #	64

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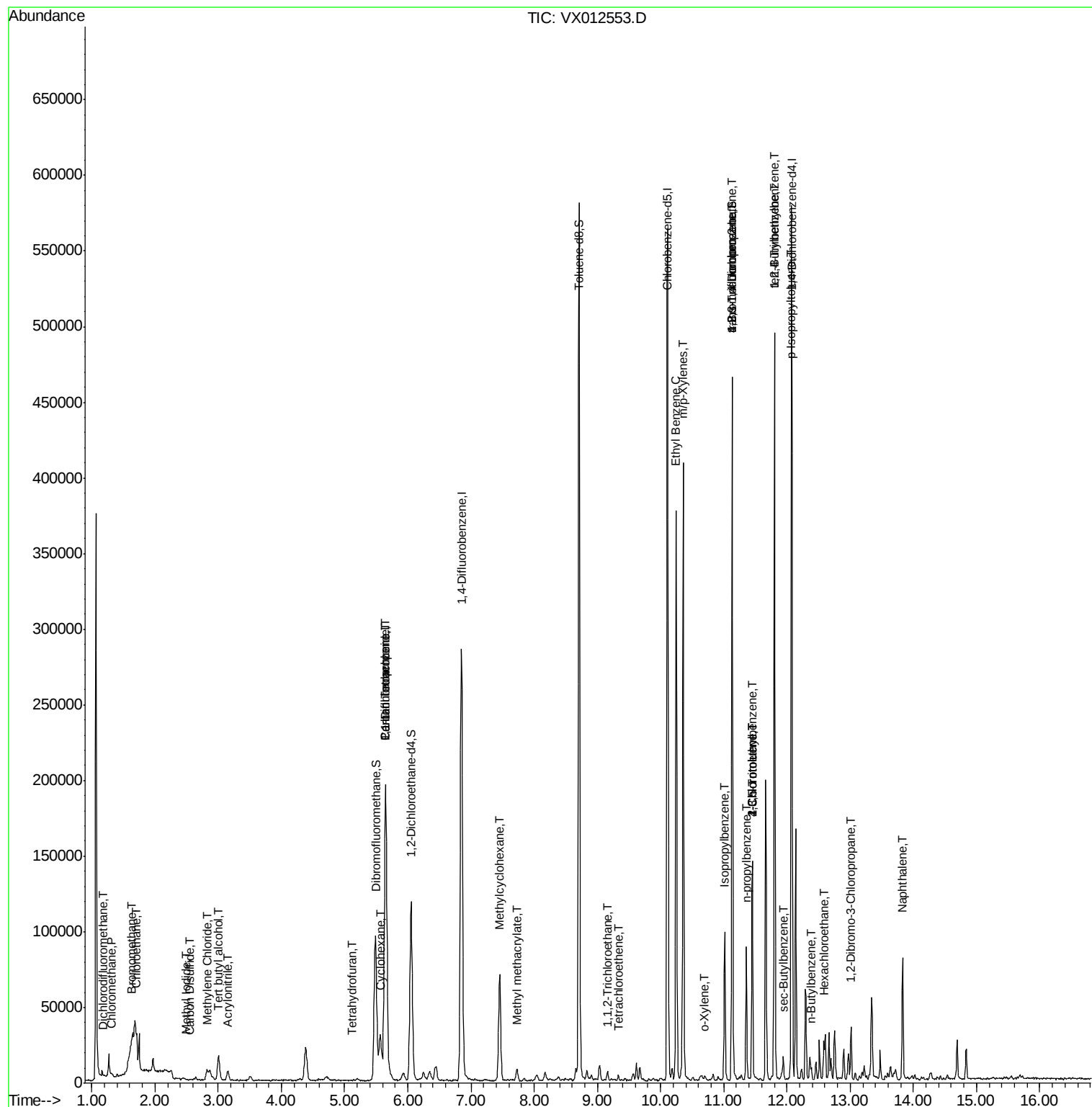
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.58	117	1145	1.001	ug/l #	17
92) 1,2-Dibromo-3-Chloropropan	13.01	75	205	0.299	ug/l #	4
95) Naphthalene	13.83	128	46654	6.294	ug/l	99

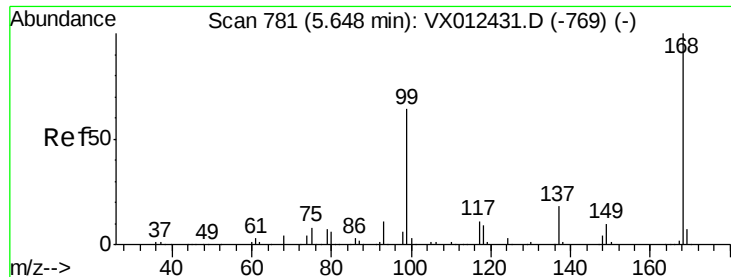
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012553.D

Acq: 20 Sep 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

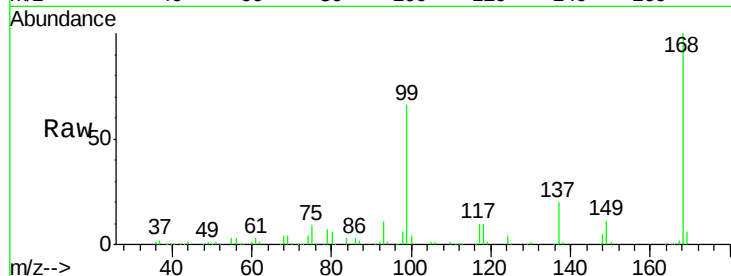
Z2-0159DL

Tot Ion:168 Resp: 177141

Ion Ratio Lower Upper

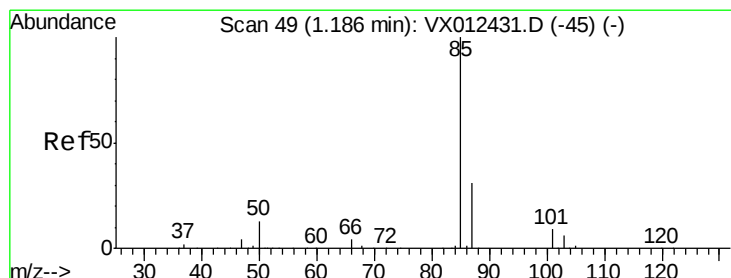
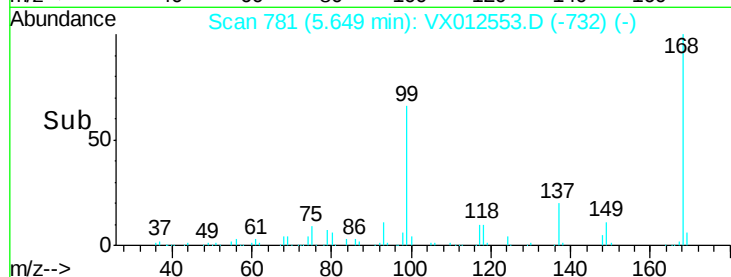
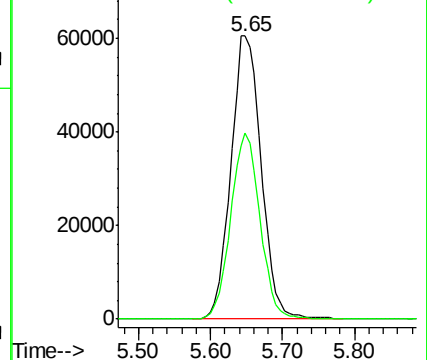
168 100

99 65.8 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.442 ug/l

RT: 1.18 min Scan# 48

Delta R.T. -0.01 min

Lab File: VX012553.D

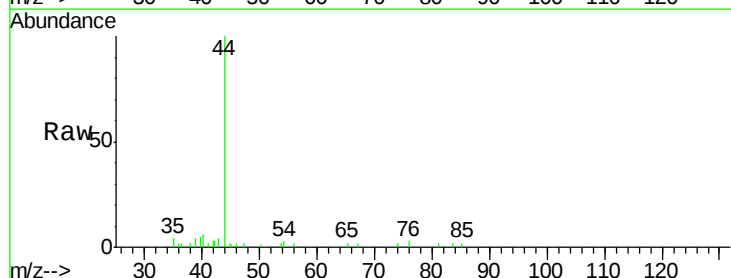
Acq: 20 Sep 2019 13:38

Tgt Ion: 85 Resp: 60

Ion Ratio Lower Upper

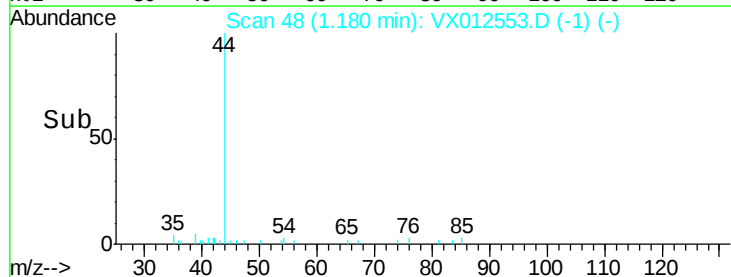
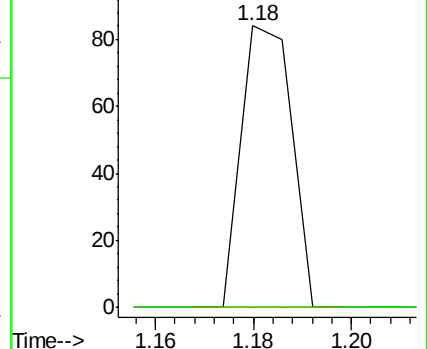
85 100

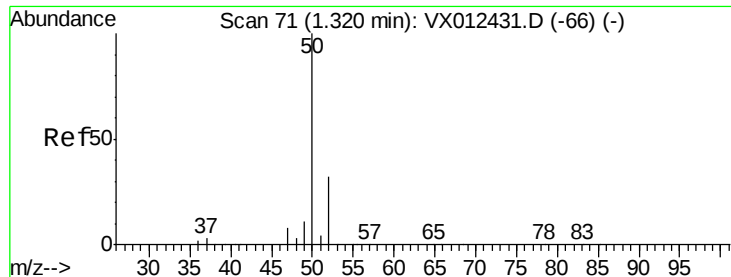
87 0.0 15.6 46.8#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.342 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012553.D

Acq: 20 Sep 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

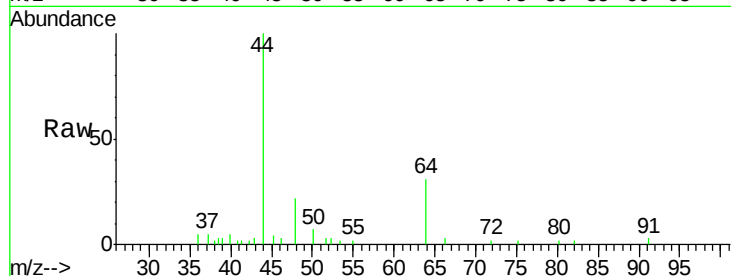
Z2-0159DL

Tot Ion: 50 Resp: 333

Ion Ratio Lower Upper

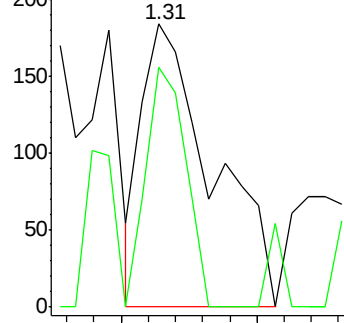
50 100

52 84.8 25.7 38.5#

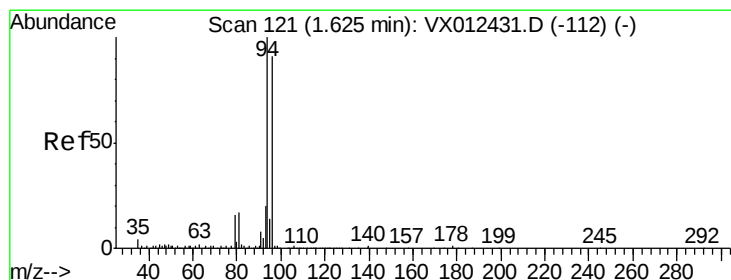
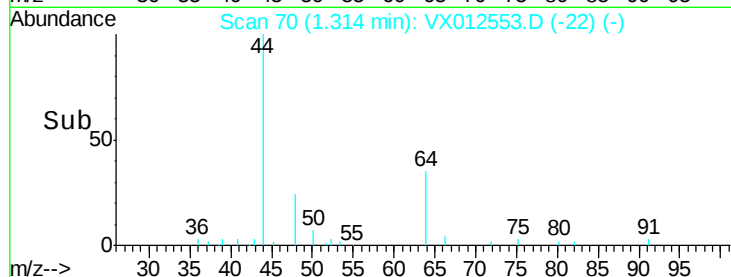


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#5

Bromomethane

Concen: 1.422 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012553.D

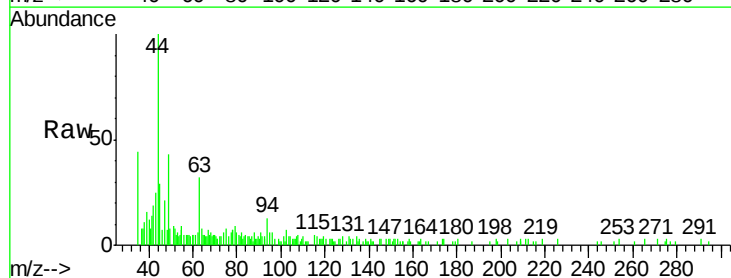
Acq: 20 Sep 2019 13:38

Tgt Ion: 94 Resp: 588

Ion Ratio Lower Upper

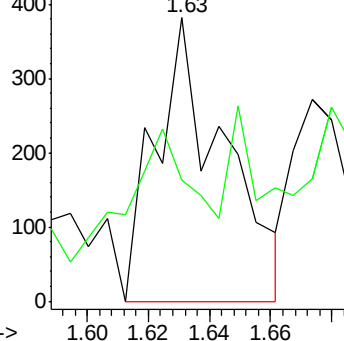
94 100

96 12.0 72.8 109.2#

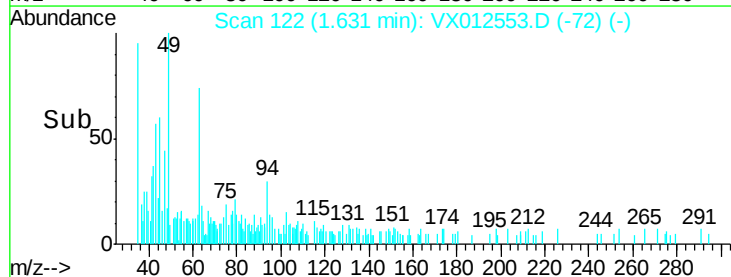


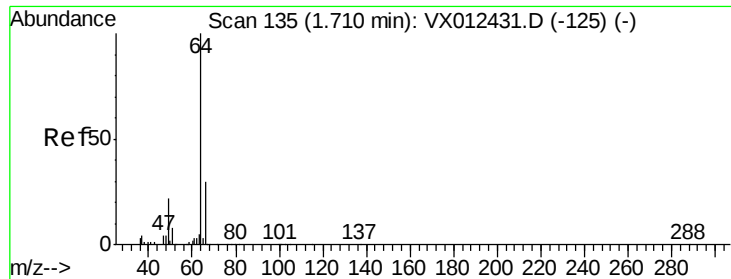
Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->





#6

Chloroethane

Concen: 0.200 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012553.D

Acq: 20 Sep 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

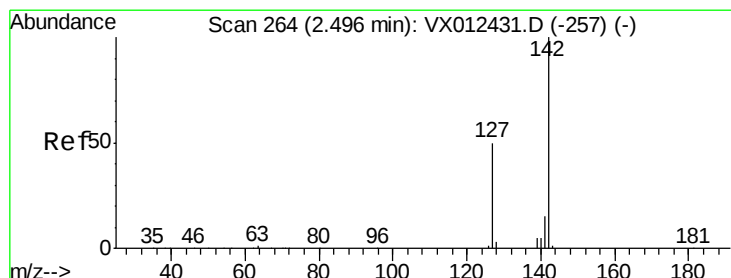
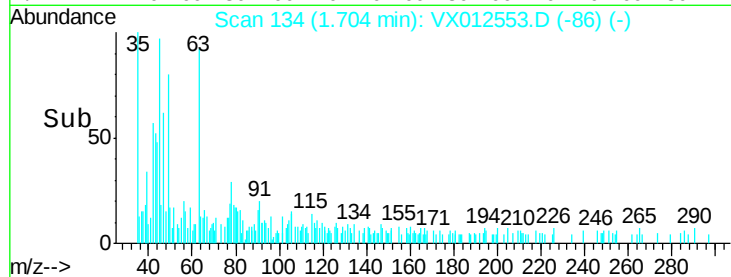
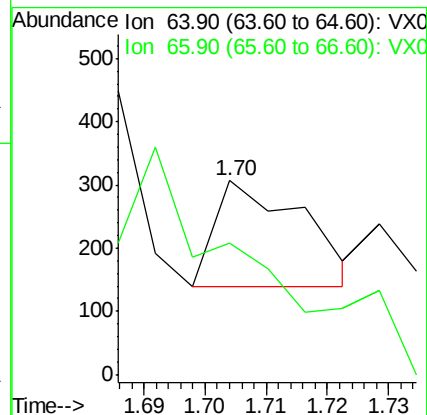
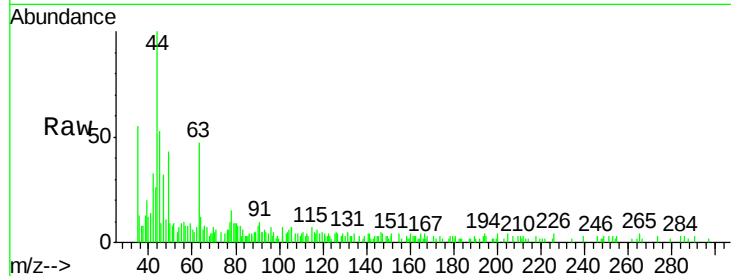
Z2-0159DL

Tot Ion: 64 Resp: 165

Ion Ratio Lower Upper

64 100

66 61.7 24.0 36.0#



#10

Methyl Iodide

Concen: 4.630 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.01 min

Lab File: VX012553.D

Acq: 20 Sep 2019 13:38

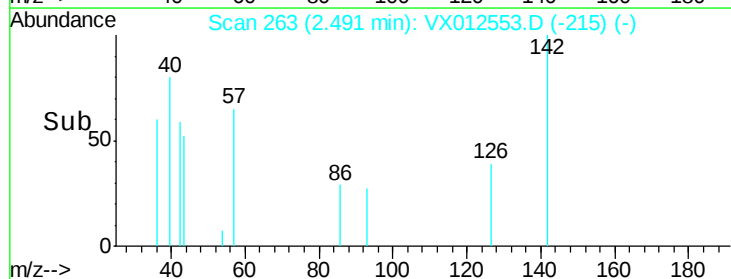
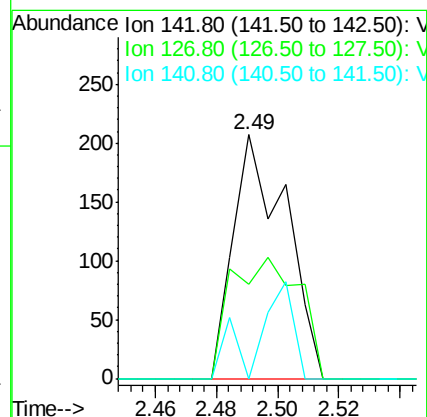
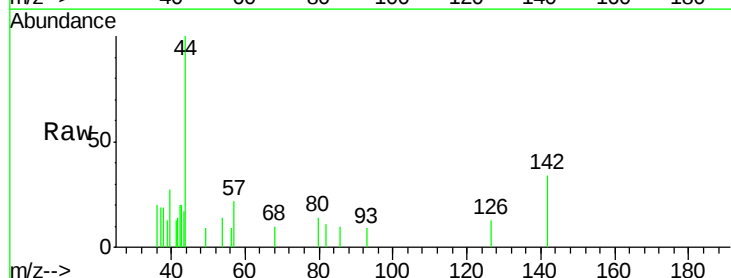
Tgt Ion: 142 Resp: 247

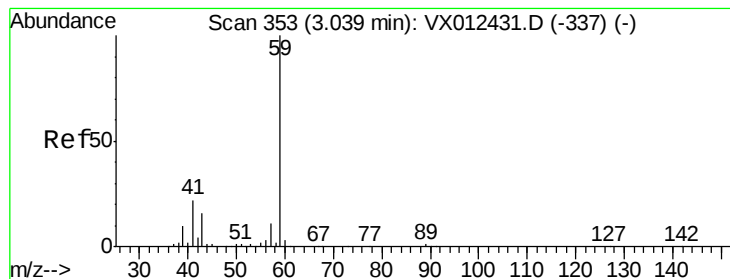
Ion Ratio Lower Upper

142 100

127 64.4 40.8 61.2#

141 28.3 12.1 18.1#



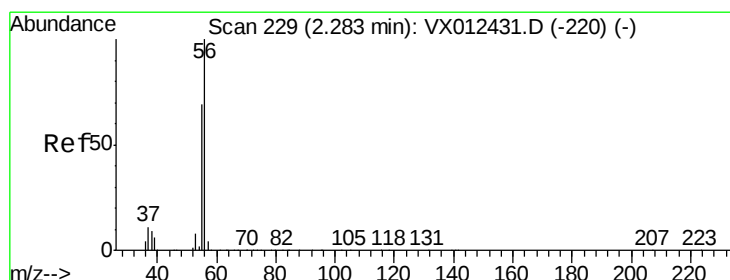
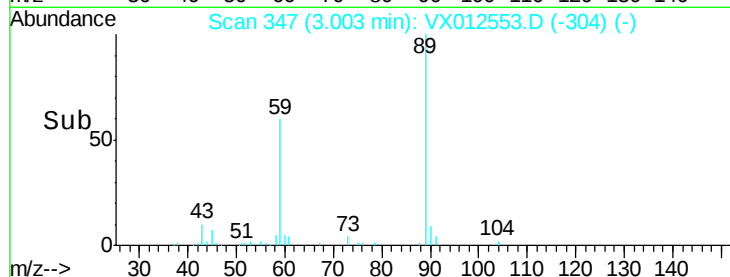
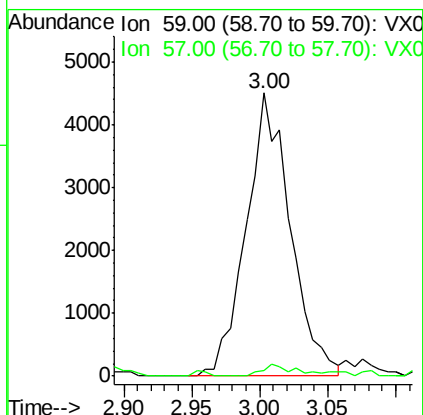
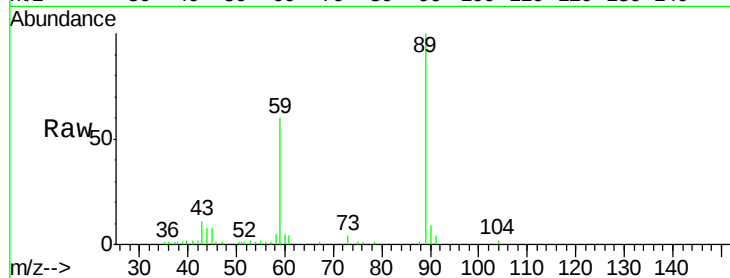


#11

Tert butyl alcohol
 Concen: 10.246 ug/l
 RT: 3.00 min Scan# 347
 Delta R.T. -0.04 min
 Lab File: VX012553.D
 Acq: 20 Sep 2019 13:38

Instrument :
 MSVOA_X
 ClientSampleID :
 Z2-0159DL

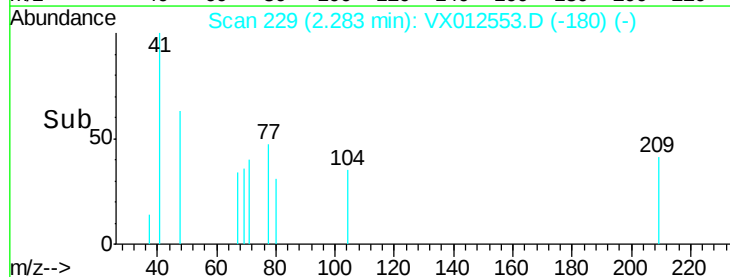
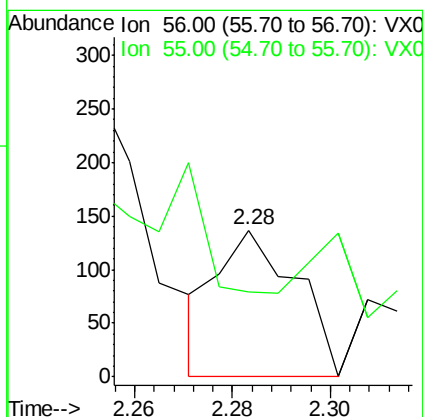
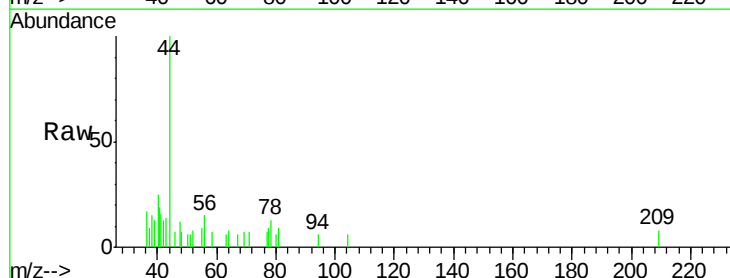
Tot Ion: 59 Resp: 10222
 Ion Ratio Lower Upper
 59 100
 57 3.2 8.3 12.5#

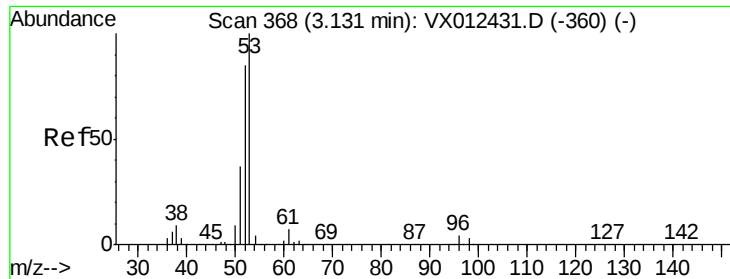


#13

Acrolein
 Concen: Below Cal
 RT: 2.28 min Scan# 229
 Delta R.T. 0.00 min
 Lab File: VX012553.D
 Acq: 20 Sep 2019 13:38

Tgt Ion: 56 Resp: 153
 Ion Ratio Lower Upper
 56 100
 55 31.4 55.8 83.8#





#15

Acrylonitrile

Concen: 0.377 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.02 min

Lab File: VX012553.D

Acq: 20 Sep 2019 13:38

Instrument :

MSVOA_X

ClientSampled :

Z2-0159DL

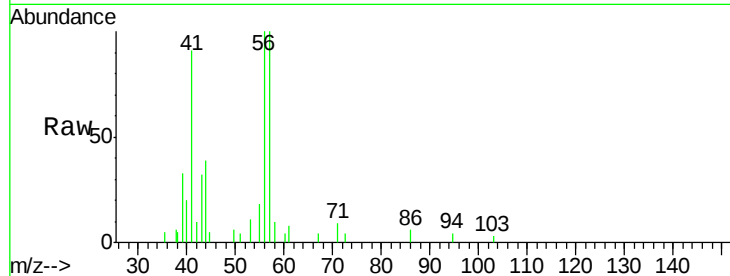
Tot Ion: 53 Resp: 415

Ion Ratio Lower Upper

53 100

52 0.0 67.0 100.4#

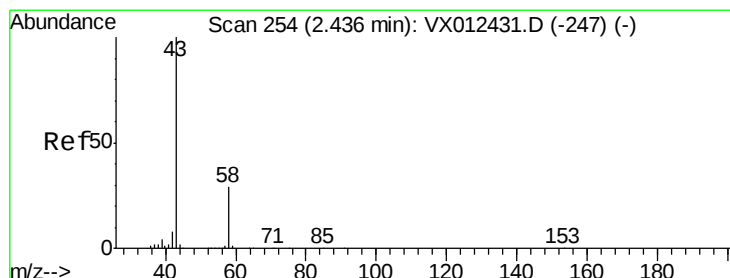
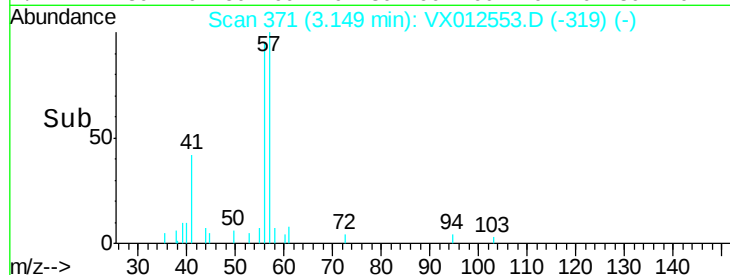
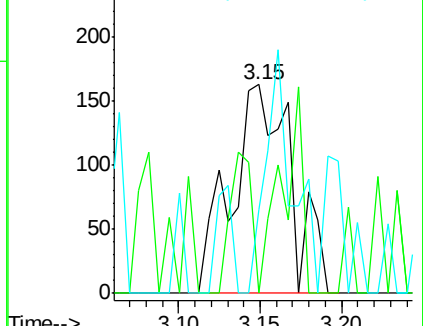
51 52.0 29.6 44.4#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: Below Cal

RT: 2.44 min Scan# 255

Delta R.T. 0.01 min

Lab File: VX012553.D

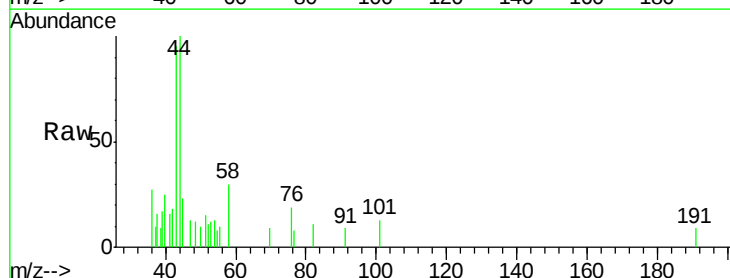
Acq: 20 Sep 2019 13:38

Tgt Ion: 43 Resp: 794

Ion Ratio Lower Upper

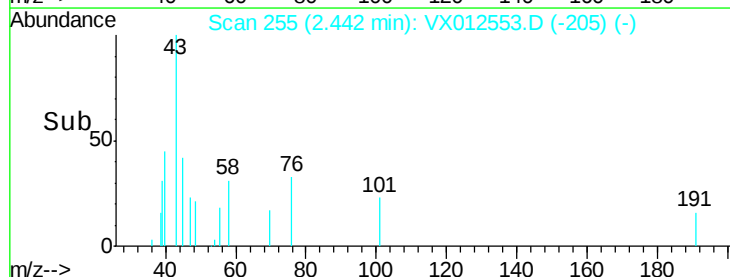
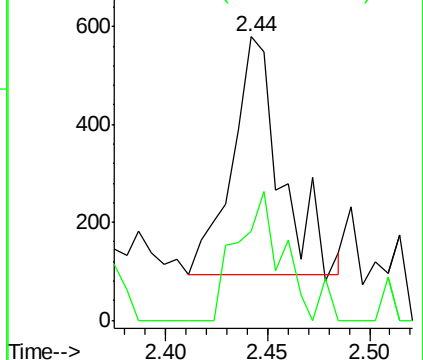
43 100

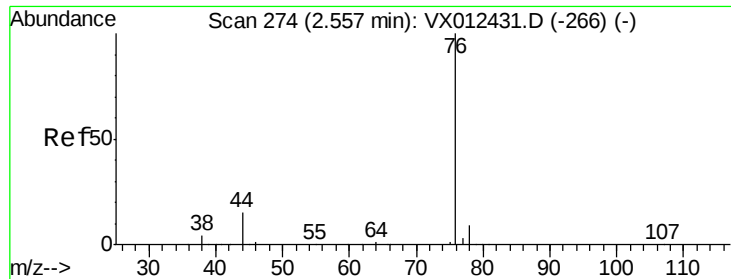
58 37.7 23.3 34.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 1.931 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012553.D

Acq: 20 Sep 2019 13:38

Instrument :

MSVOA_X

ClientSampled :

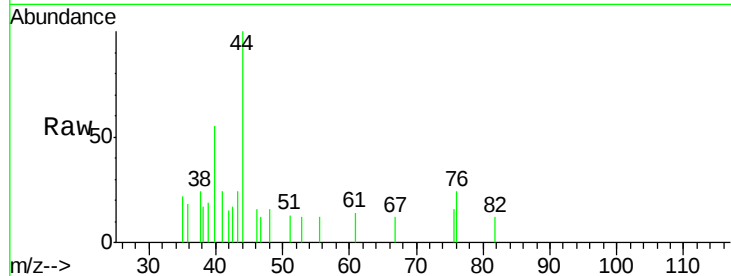
Z2-0159DL

Tot Ion: 76 Resp: 203

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

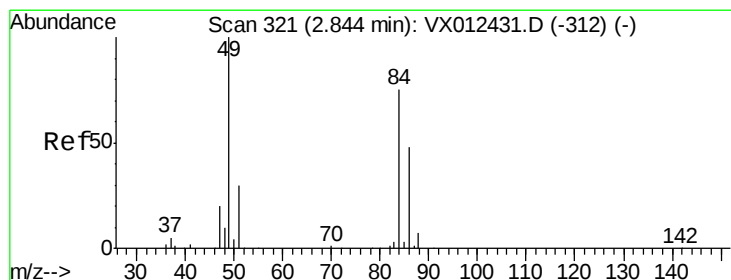
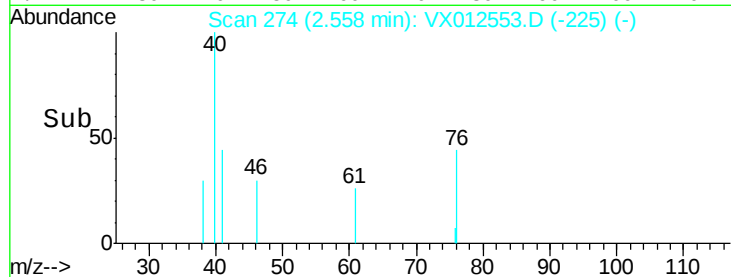
150

100

50

0

Time-->



#20

Methylene Chloride

Concen: 0.709 ug/l

RT: 2.83 min Scan# 319

Delta R.T. -0.01 min

Lab File: VX012553.D

Acq: 20 Sep 2019 13:38

Tgt Ion: 84 Resp: 1089

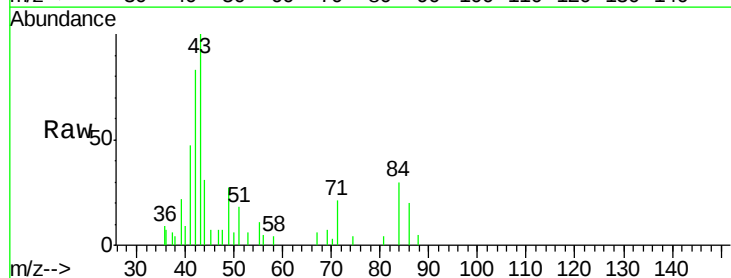
Ion Ratio Lower Upper

84 100

49 90.7 106.8 160.2#

51 58.5 32.3 48.5#

86 43.2 51.3 76.9#



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

1000

800

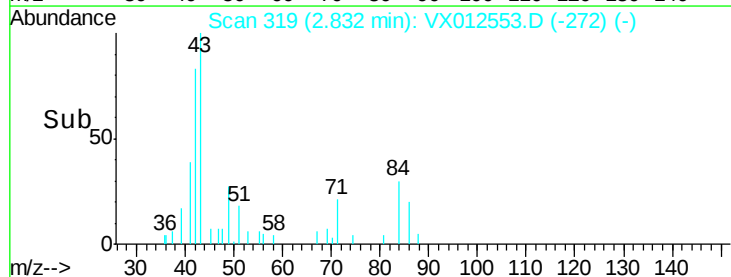
600

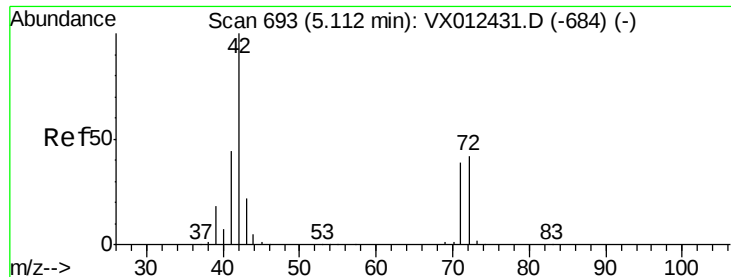
400

200

0

Time-->





#29

Tetrahydrofuran

Concen: 0.566 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX012553.D

Acq: 20 Sep 2019 13:38

Instrument :

MSVOA_X

ClientSampled :

Z2-0159DL

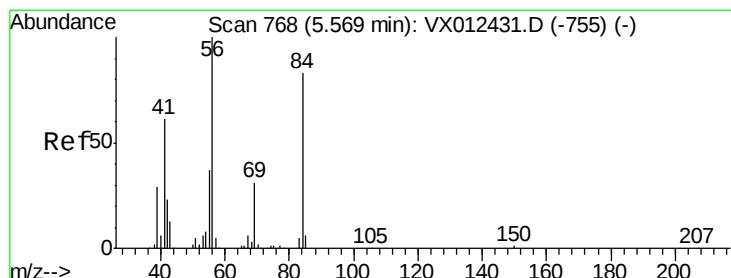
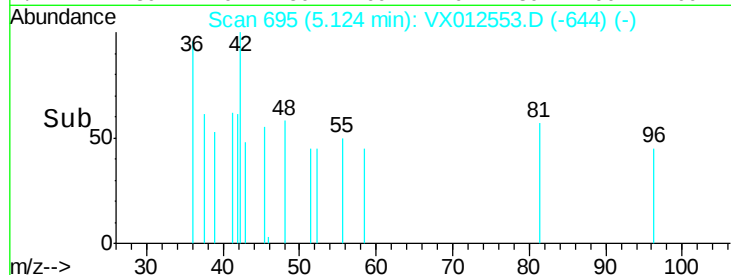
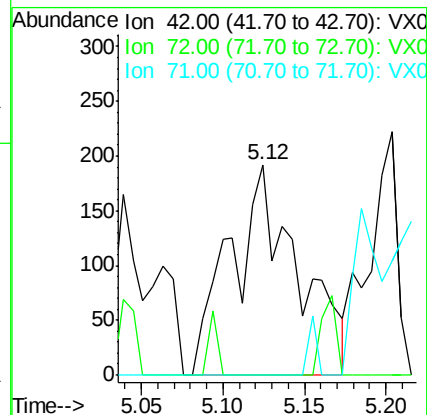
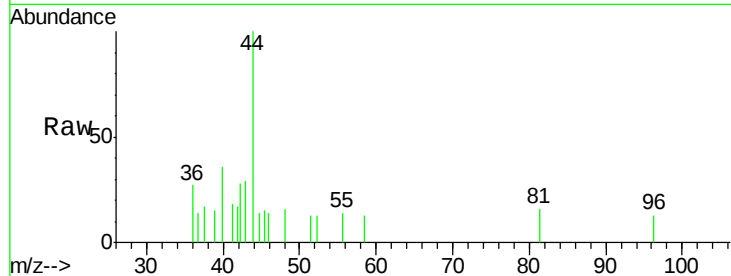
Tot Ion: 42 Resp: 551

Ion Ratio Lower Upper

42 100

72 0.0 34.0 51.0#

71 0.0 31.5 47.3#



#31

Cyclohexane

Concen: 11.542 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX012553.D

Acq: 20 Sep 2019 13:38

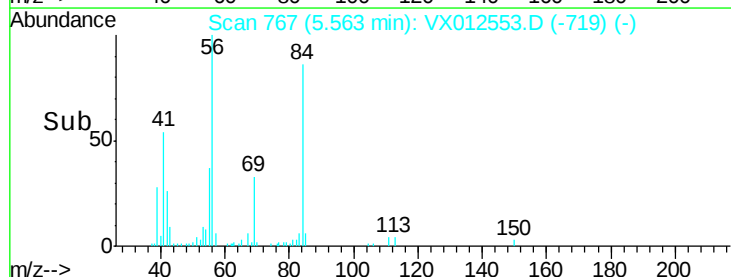
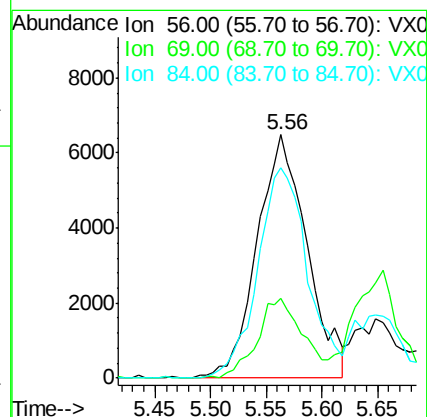
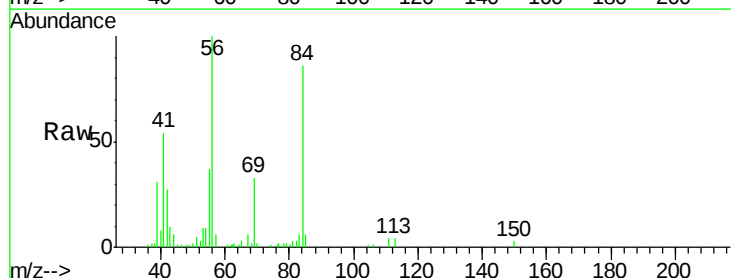
Tgt Ion: 56 Resp: 20239

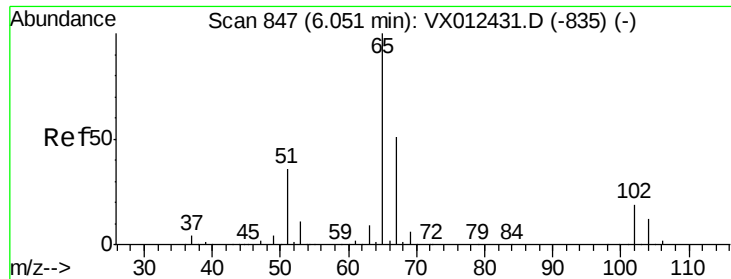
Ion Ratio Lower Upper

56 100

69 32.8 25.0 37.6

84 86.4 66.4 99.6





#33

1,2-Dichloroethane-d4

Concen: 45.993 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012553.D

Acq: 20 Sep 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

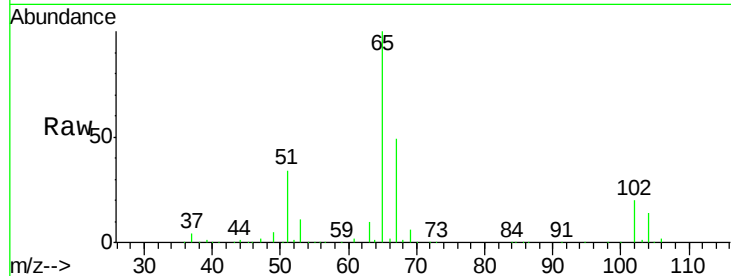
Z2-0159DL

Tot Ion: 65 Resp: 116766

Ion Ratio Lower Upper

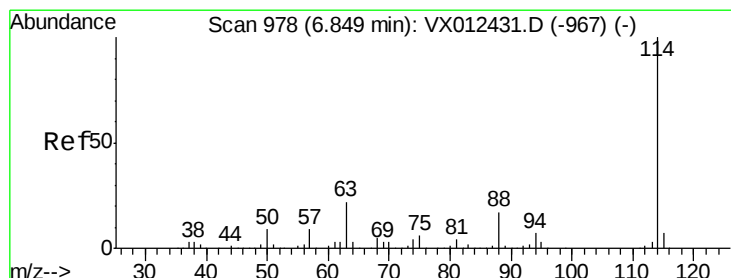
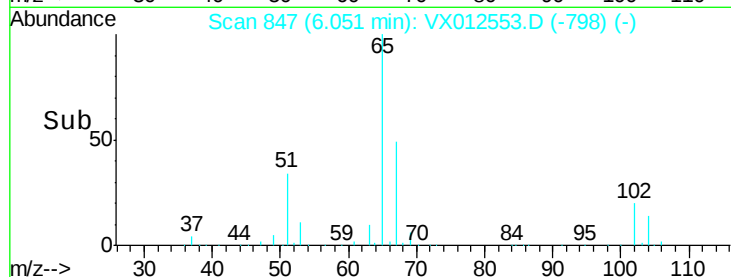
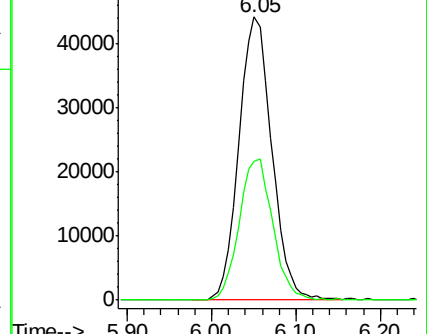
65 100

67 50.9 0.0 101.2



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: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012553.D

Acq: 20 Sep 2019 13:38

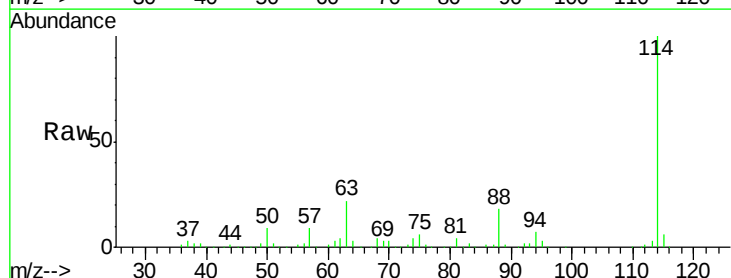
Tgt Ion: 114 Resp: 279493

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.2

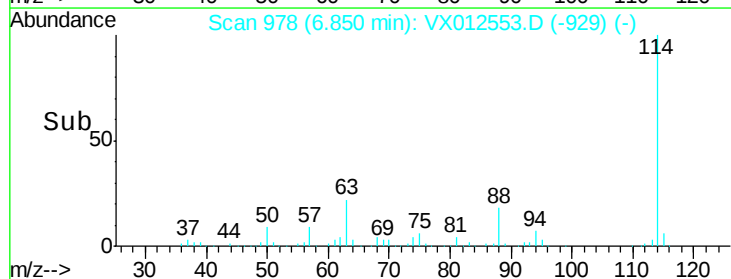
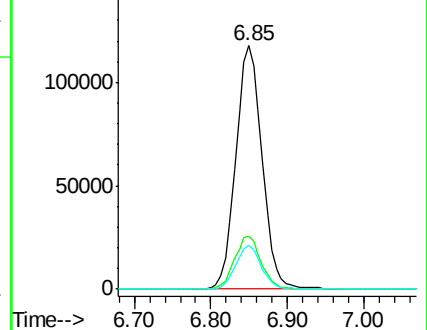
88 18.3 0.0 33.2

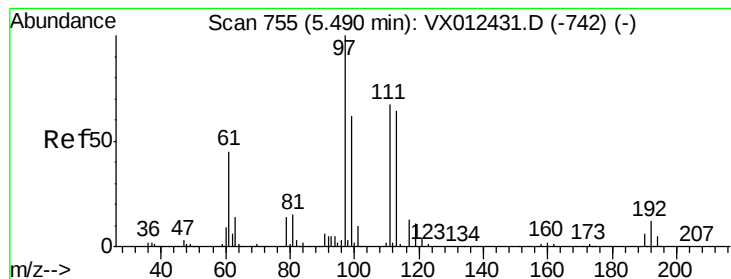


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.136 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012553.D

Acq: 20 Sep 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

Z2-0159DL

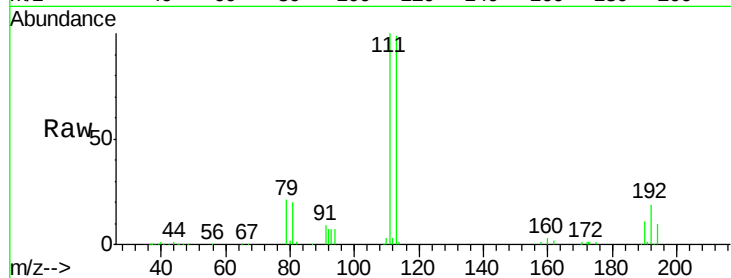
Tot Ion:113 Resp: 81430

Ion Ratio Lower Upper

113 100

111 103.2 83.4 125.2

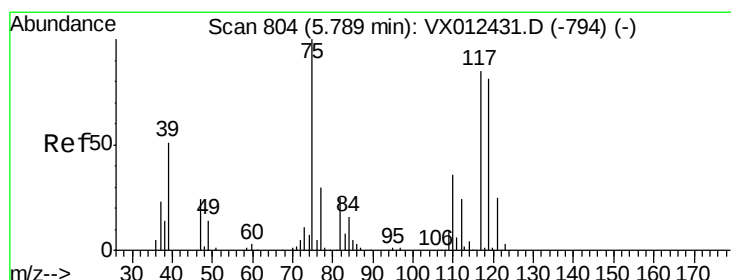
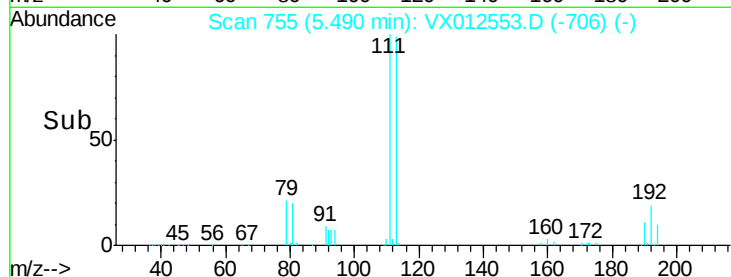
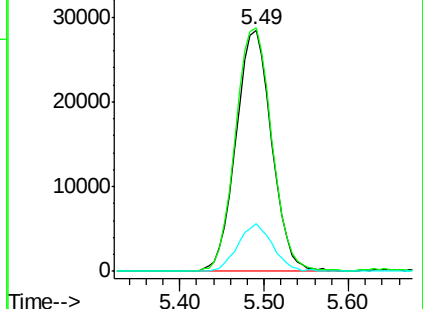
192 19.0 14.4 21.6



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: 8.750 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX012553.D

Acq: 20 Sep 2019 13:38

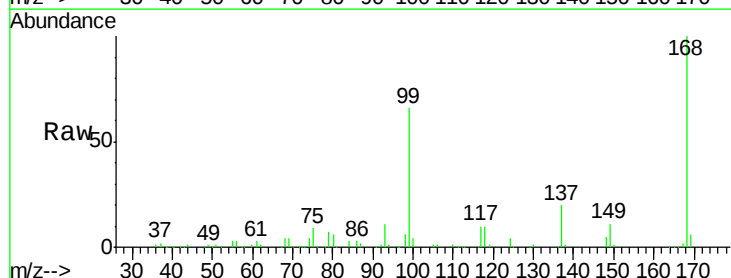
Tgt Ion: 75 Resp: 14863

Ion Ratio Lower Upper

75 100

110 10.7 16.7 50.0#

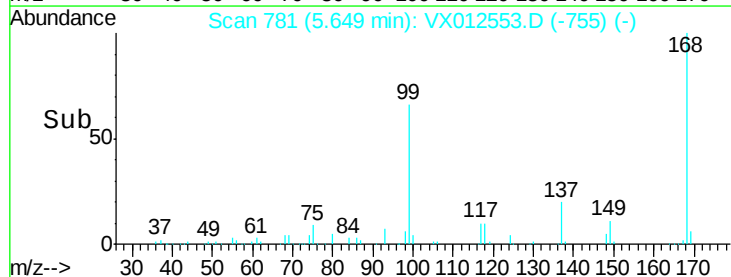
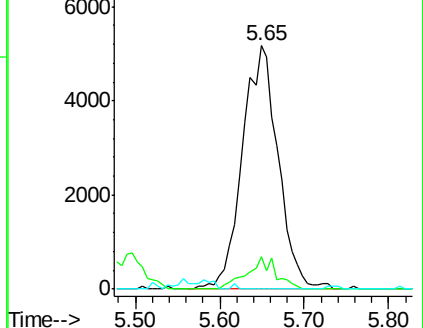
77 0.0 24.2 36.2#

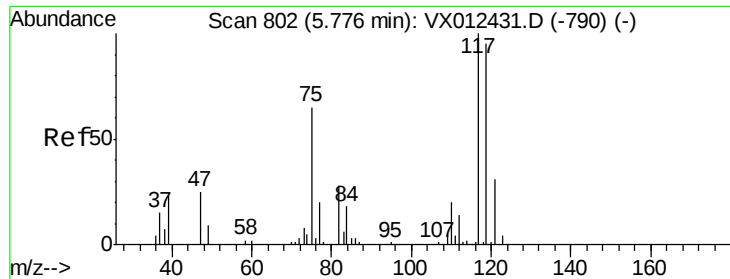


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 8.822 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.13 min

Lab File: VX012553.D

Acq: 20 Sep 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

Z2-0159DL

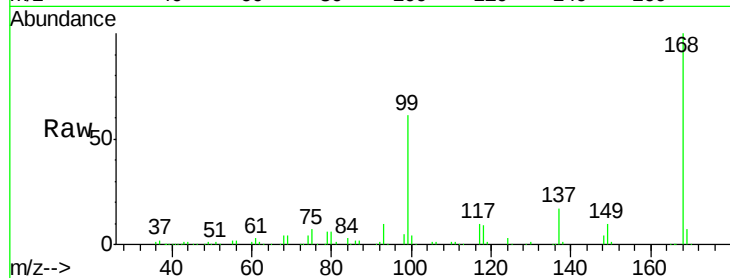
Tot Ion:117 Resp: 18637

Ion Ratio Lower Upper

117 100

119 5.2 75.7 113.5#

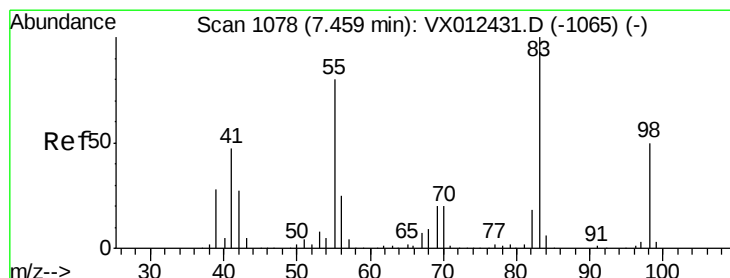
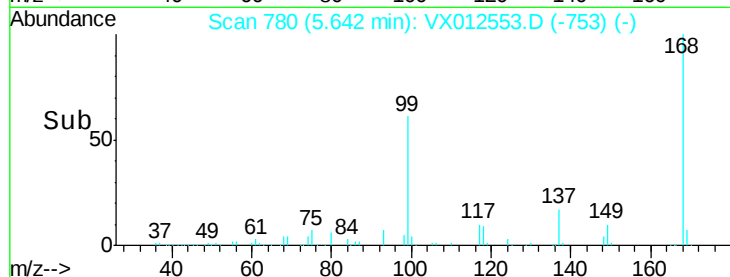
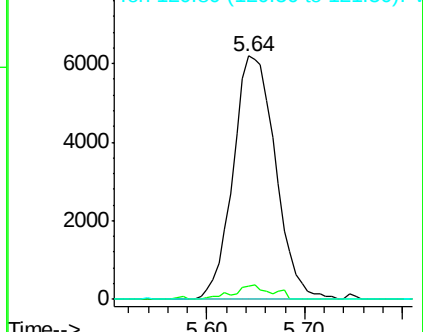
121 0.0 24.2 36.4#



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: 18.316 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX012553.D

Acq: 20 Sep 2019 13:38

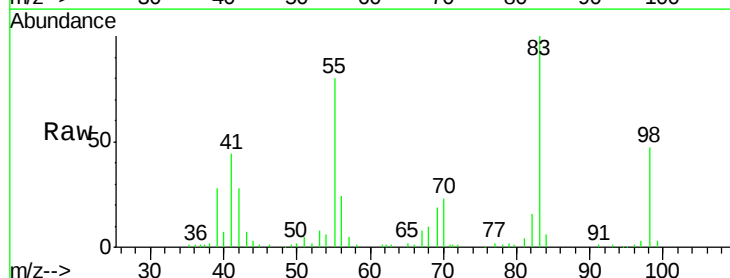
Tgt Ion: 83 Resp: 30245

Ion Ratio Lower Upper

83 100

55 79.1 64.4 96.6

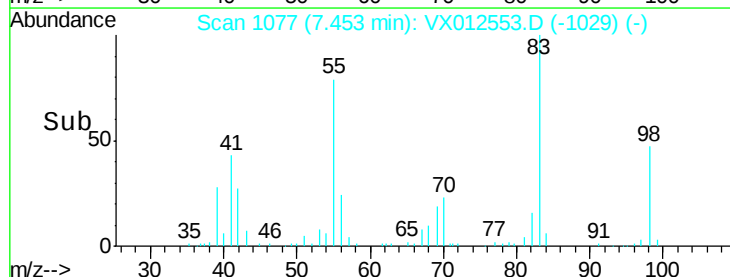
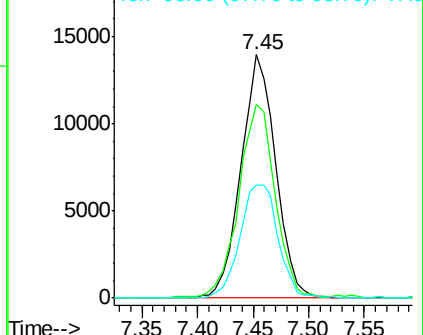
98 46.7 40.1 60.1

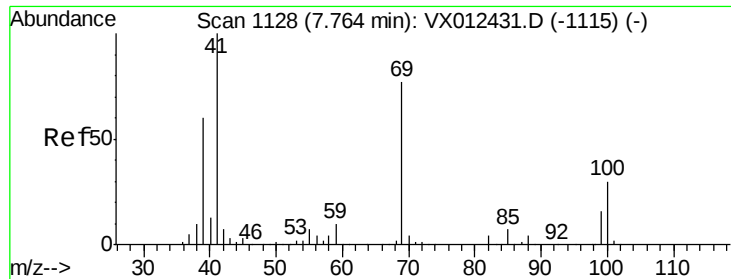


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

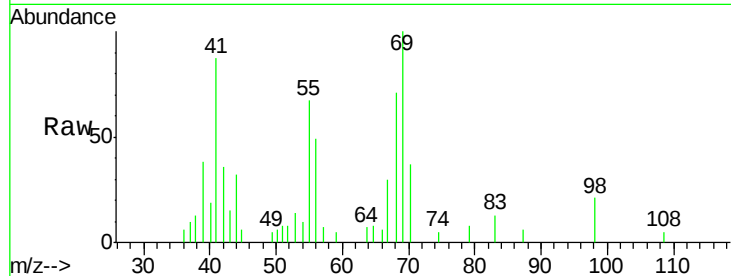




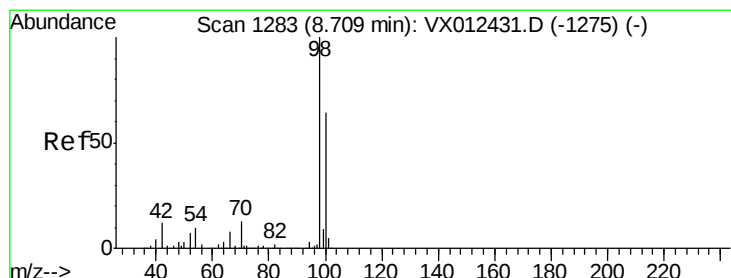
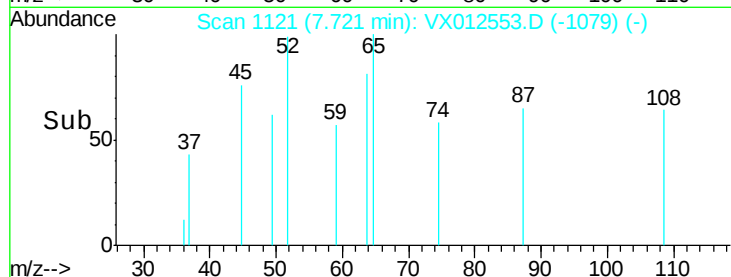
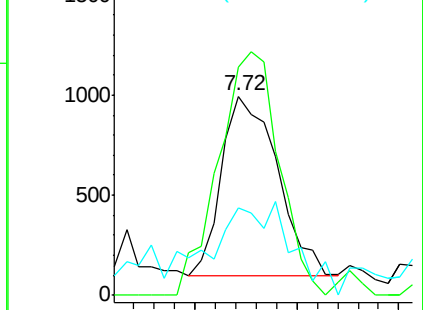
#48
Methvl methacrylate
Concen: 0.778 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. -0.04 min
Lab File: VX012553.D
Acq: 20 Sep 2019 13:38

Instrument :
MSVOA_X
ClientSampled :
Z2-0159DL

Tot Ion: 41 Resp: 1717
Ion Ratio Lower Upper
41 100
69 145.8 59.9 89.9#
39 74.2 47.8 71.6#

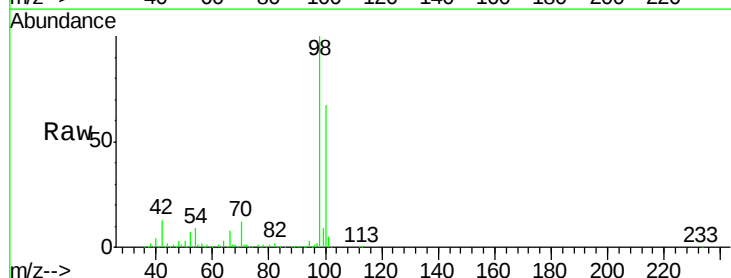


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

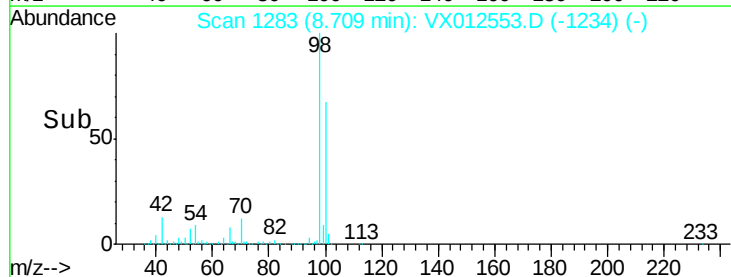
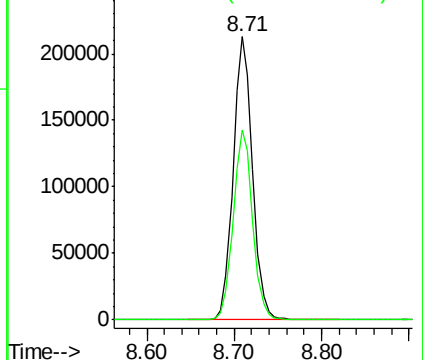


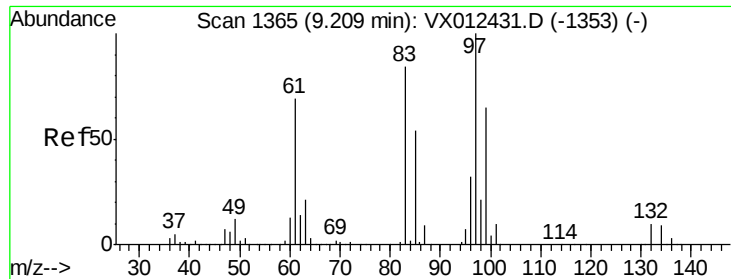
#50
Toluene-d8
Concen: 52.397 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012553.D
Acq: 20 Sep 2019 13:38

Tgt Ion: 98 Resp: 328084
Ion Ratio Lower Upper
98 100
100 67.3 53.4 80.2



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

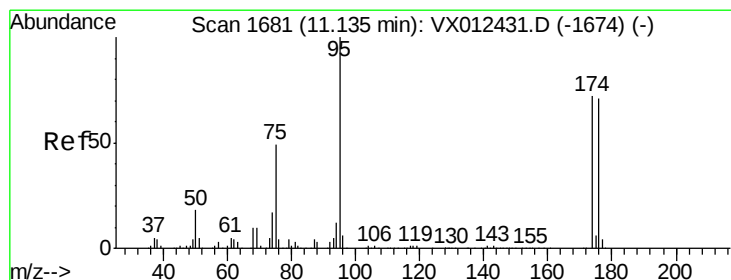
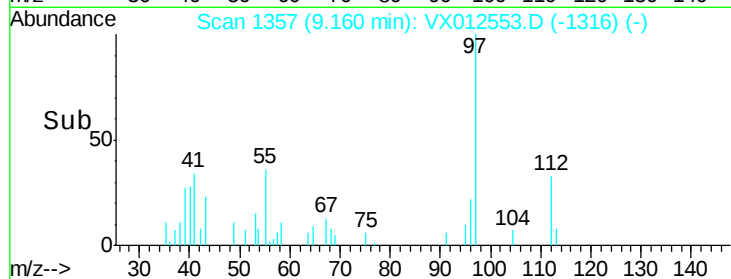
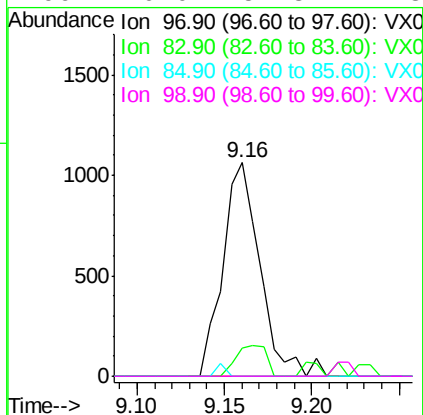
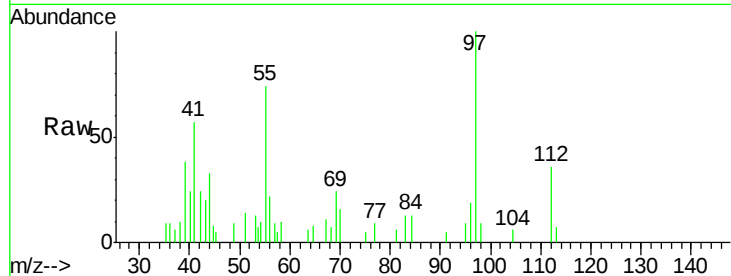




#55
 1,1,2-Trichloroethane
 Concen: 0.878 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.05 min
 Lab File: VX012553.D
 Acq: 20 Sep 2019 13:38

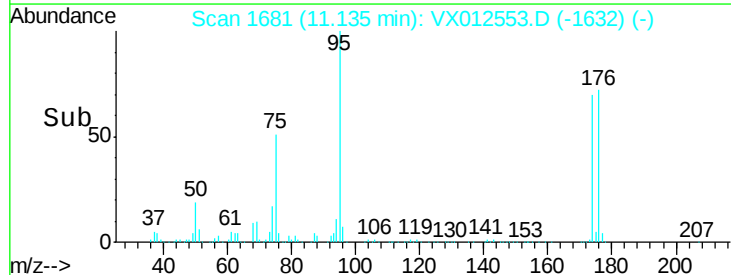
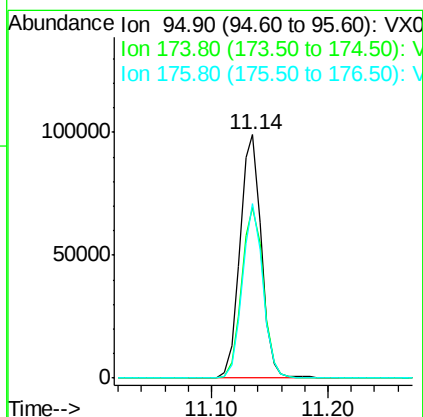
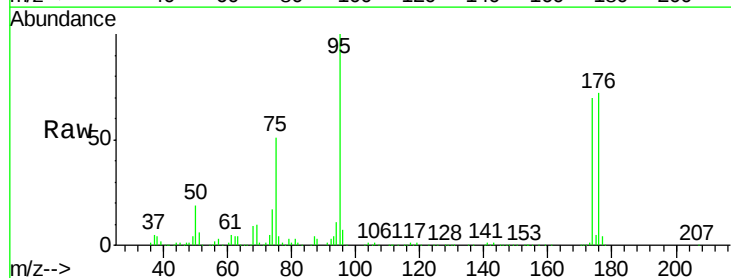
Instrument :
 MSVOA_X
 ClientSampleID :
 Z2-0159DL

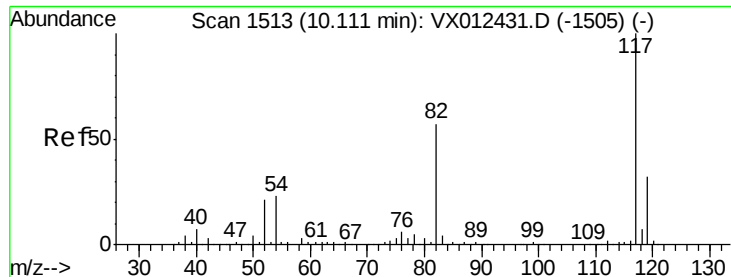
Tot Ion: 97 Resp: 1575
 Ion Ratio Lower Upper
 97 100
 83 13.5 67.4 101.2#
 85 0.0 43.5 65.3#
 99 0.0 51.8 77.8#



#62
 4-Bromofluorobenzene
 Concen: 48.779 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VX012553.D
 Acq: 20 Sep 2019 13:38

Tgt Ion: 95 Resp: 126818
 Ion Ratio Lower Upper
 95 100
 174 71.8 0.0 140.0
 176 69.1 0.0 135.4

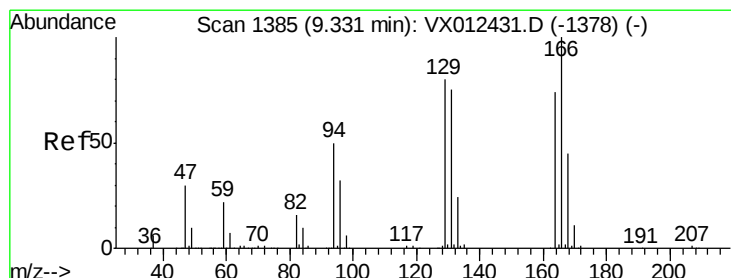
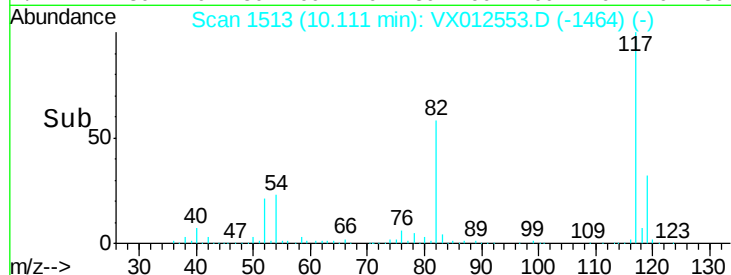
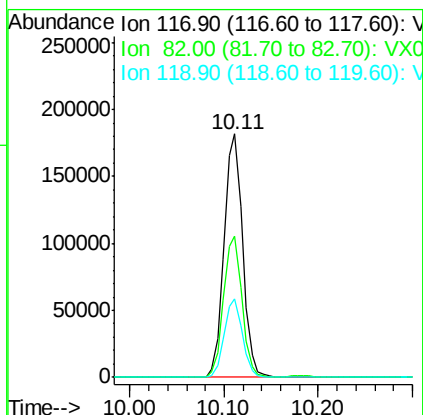
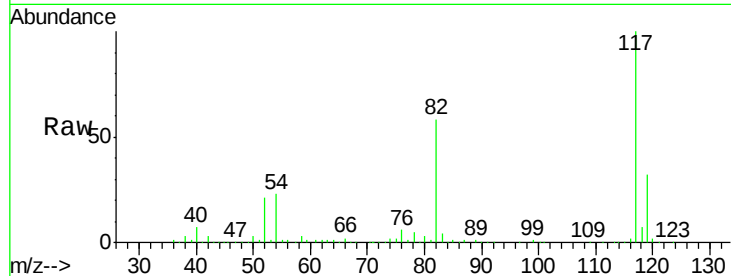




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012553.D
Acq: 20 Sep 2019 13:38

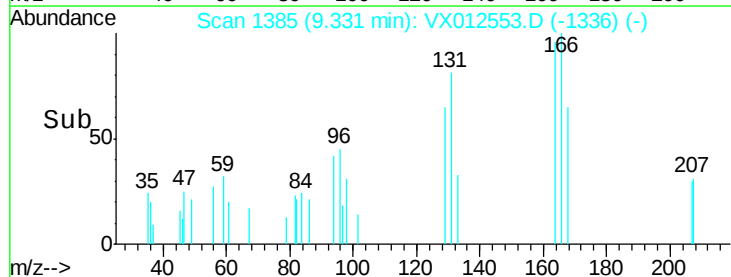
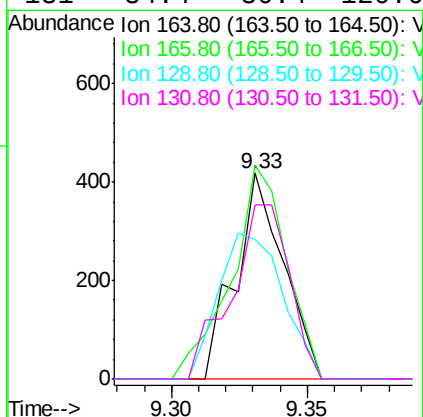
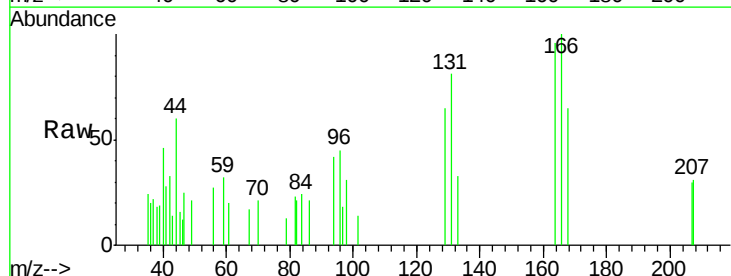
Instrument :
MSVOA_X
ClientSampleId :
Z2-0159DL

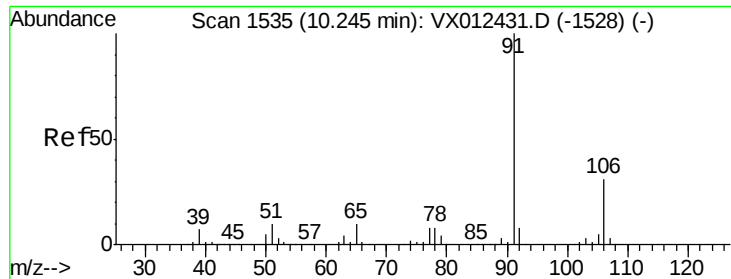
Tot Ion:117 Resp: 248719
Ion Ratio Lower Upper
117 100
82 58.2 45.9 68.9
119 32.4 25.3 37.9



#64
Tetrachloroethene
Concen: 0.450 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012553.D
Acq: 20 Sep 2019 13:38

Tgt Ion:164 Resp: 513
Ion Ratio Lower Upper
164 100
166 103.8 107.8 161.6#
129 67.9 86.2 129.2#
131 84.4 80.4 120.6

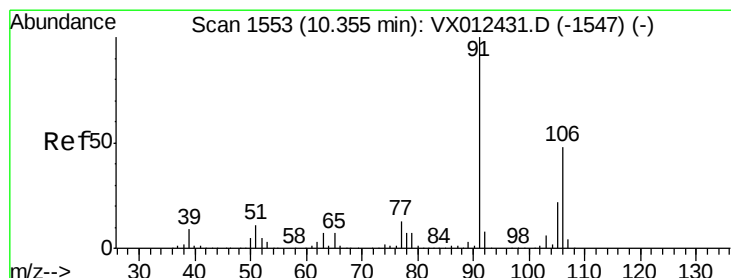
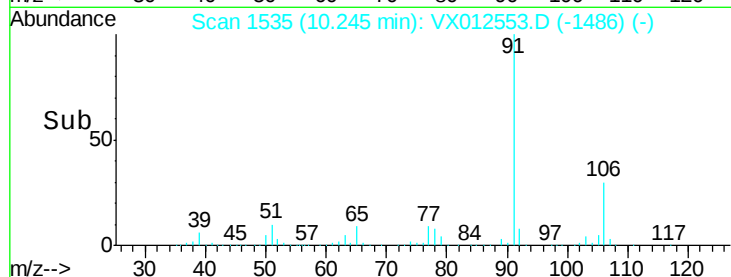
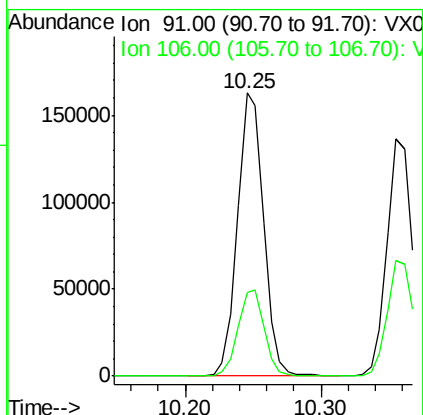
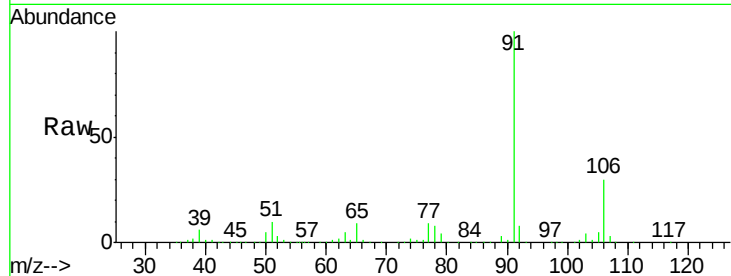




#67
Ethyl Benzene
Concen: 30.842 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012553.D
Acq: 20 Sep 2019 13:38

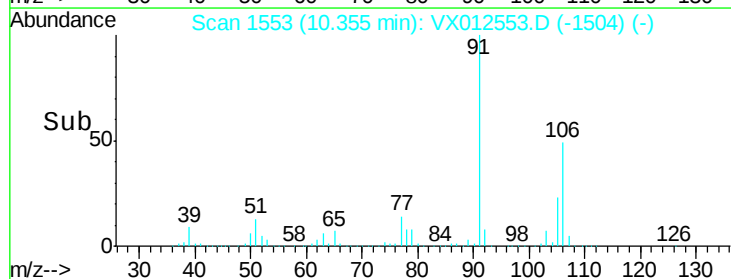
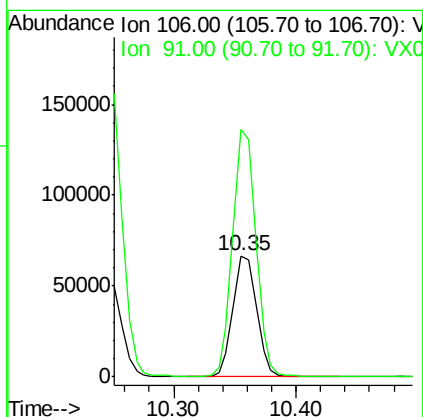
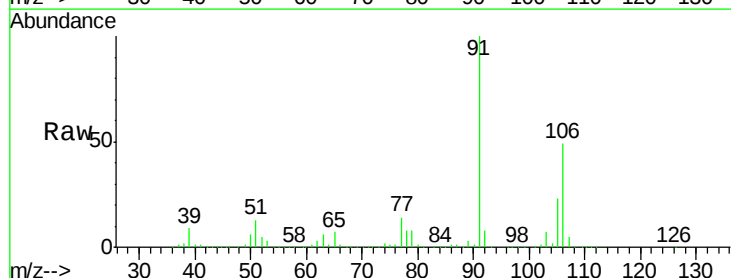
Instrument :
MSVOA_X
ClientSampleId :
Z2-0159DL

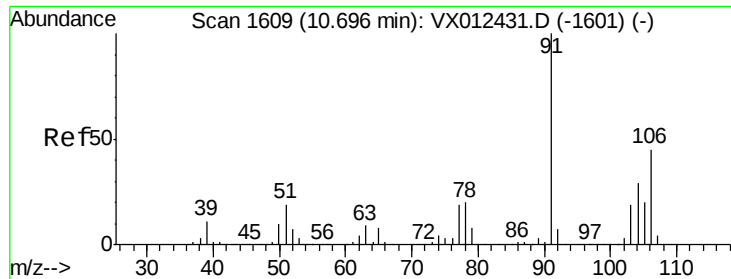
Tot Ion: 91 Resp: 217525
Ion Ratio Lower Upper
91 100
106 29.5 24.6 37.0



#68
m/p-Xylenes
Concen: 35.034 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012553.D
Acq: 20 Sep 2019 13:38

Tgt Ion: 106 Resp: 89902
Ion Ratio Lower Upper
106 100
91 200.1 166.6 250.0

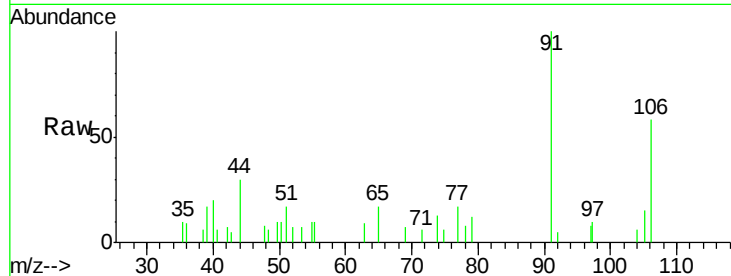




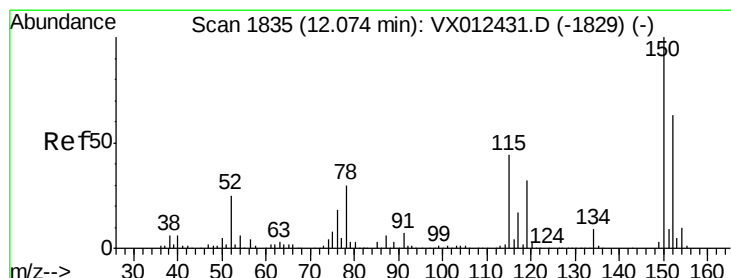
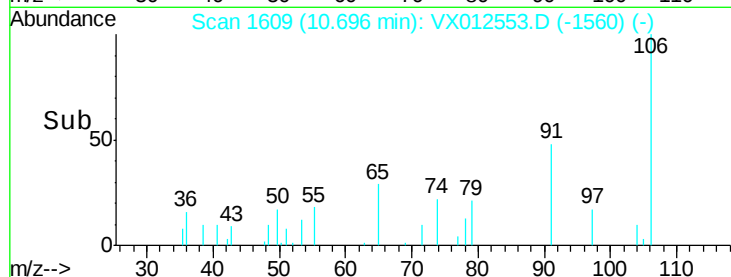
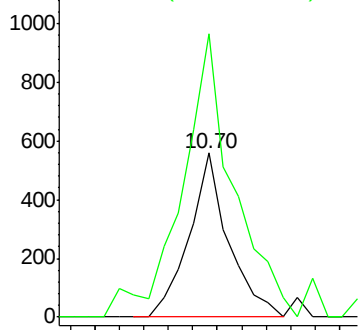
#69
o-Xylene
Concen: 0.237 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012553.D
Acq: 20 Sep 2019 13:38

Instrument :
MSVOA_X
ClientSampled :
Z2-0159DL

Tot Ion:106 Resp: 625
Ion Ratio Lower Upper
106 100
91 224.8 109.4 328.2

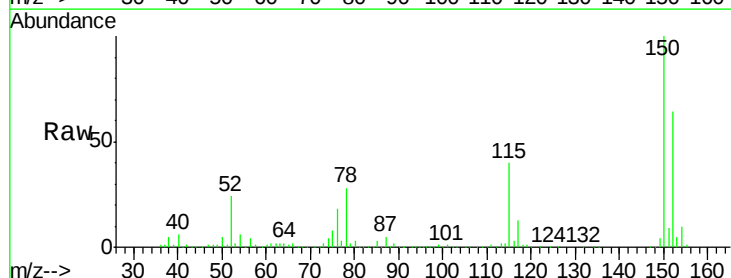


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

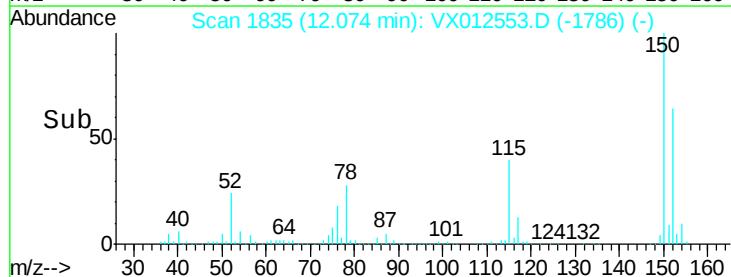
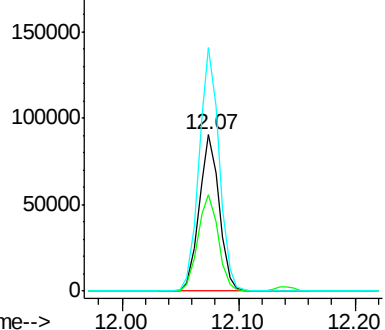


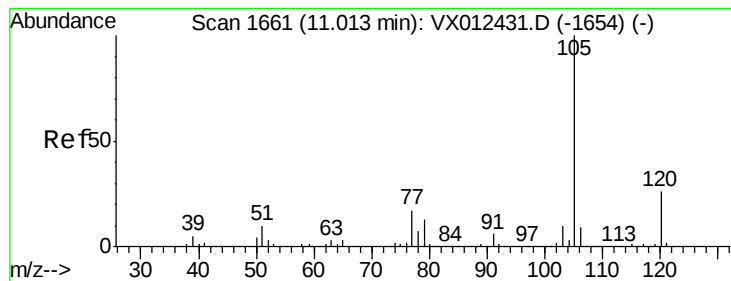
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012553.D
Acq: 20 Sep 2019 13:38

Tgt Ion:152 Resp: 107509
Ion Ratio Lower Upper
152 100
115 63.1 44.1 132.3
150 156.2 0.0 343.8



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: 7.306 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012553.D

Acq: 20 Sep 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

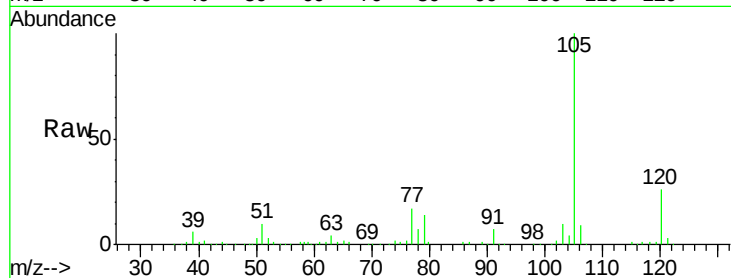
Z2-0159DL

Tot Ion:105 Resp: 49282

Ion Ratio Lower Upper

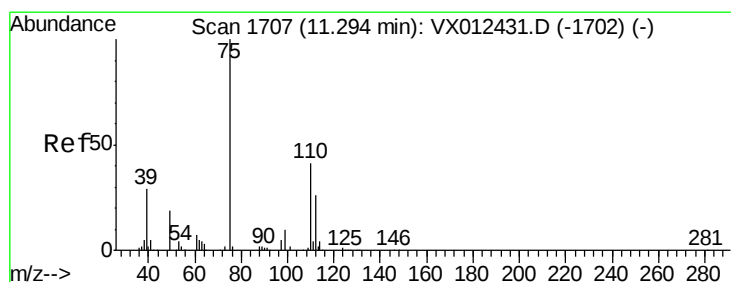
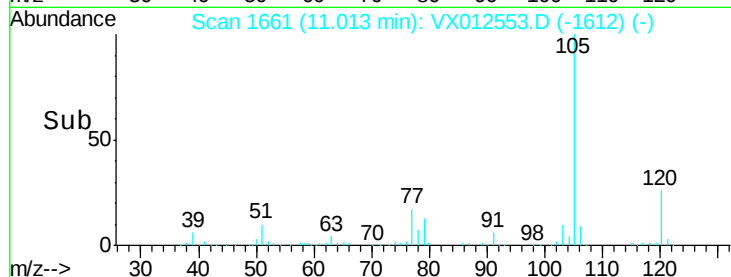
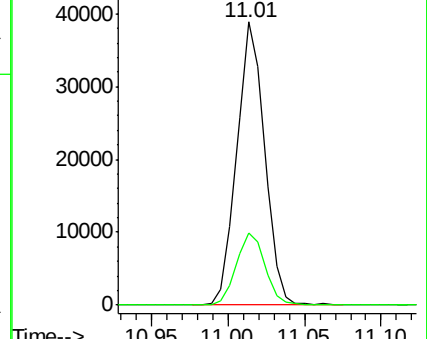
105 100

120 26.1 12.9 38.7



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: 26.362 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012553.D

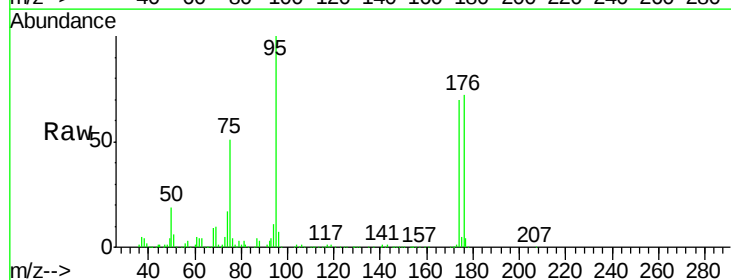
Acq: 20 Sep 2019 13:38

Tgt Ion: 75 Resp: 65103

Ion Ratio Lower Upper

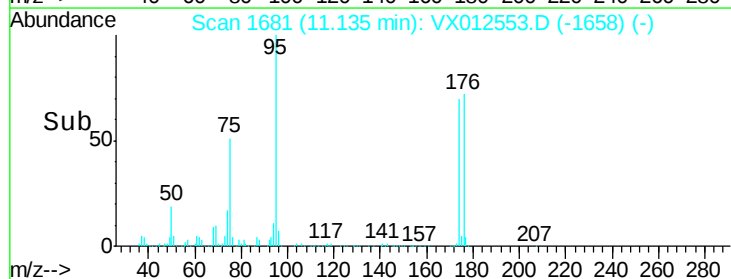
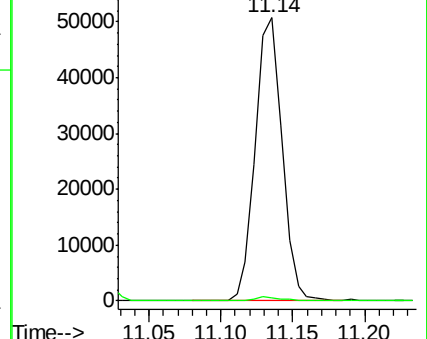
75 100

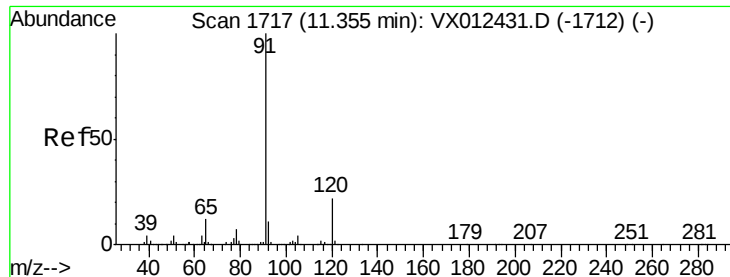
77 1.4 19.7 59.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 7.110 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012553.D

Acq: 20 Sep 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

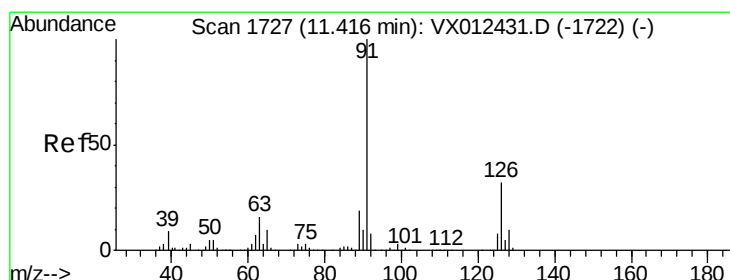
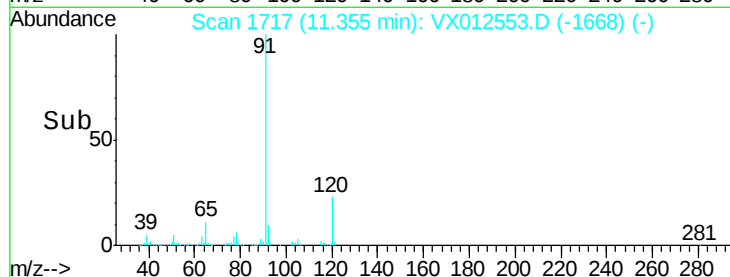
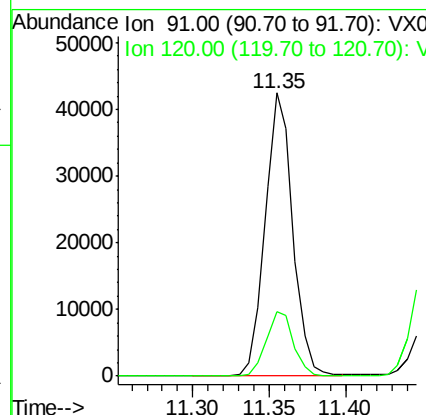
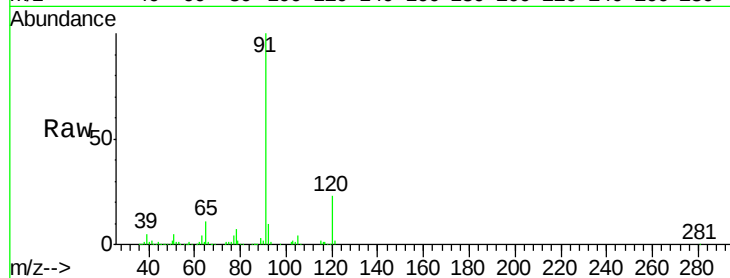
Z2-0159DL

Tot Ion: 91 Resp: 53458

Ion Ratio Lower Upper

91 100

120 22.9 11.3 33.8



#79

2-Chlorotoluene

Concen: 1.665 ug/l

RT: 11.45 min Scan# 1733

Delta R.T. 0.04 min

Lab File: VX012553.D

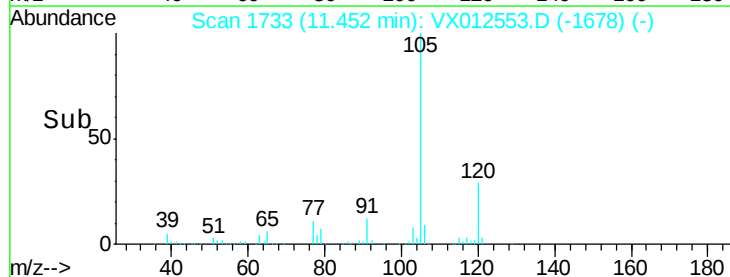
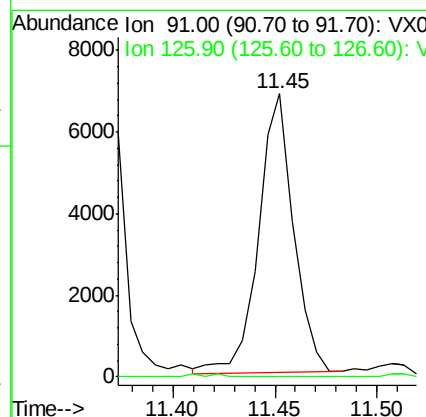
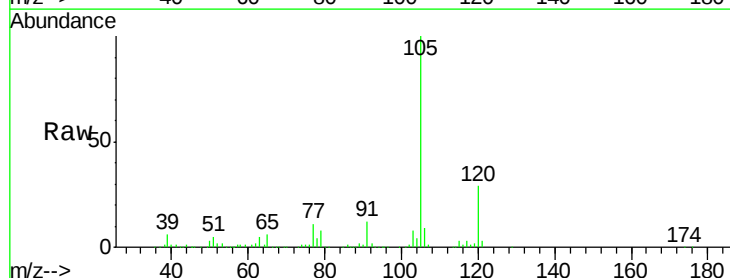
Acq: 20 Sep 2019 13:38

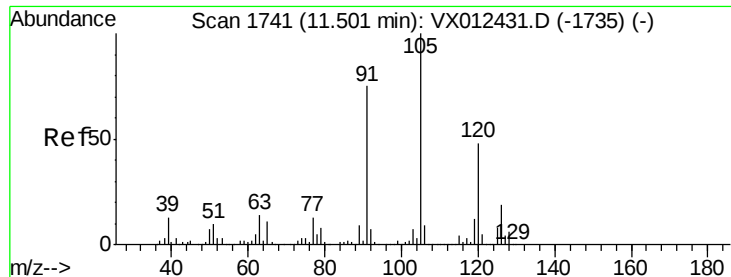
Tgt Ion: 91 Resp: 8146

Ion Ratio Lower Upper

91 100

126 0.0 16.4 49.4#





#80

1,3,5-Trimethylbenzene

Concen: 12.159 ug/l

RT: 11.45 min Scan# 1733

Delta R.T. -0.05 min

Lab File: VX012553.D

Acq: 20 Sep 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

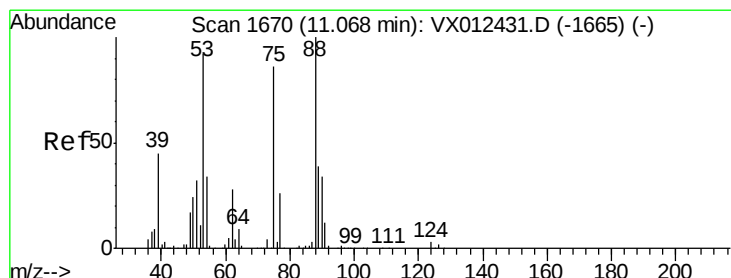
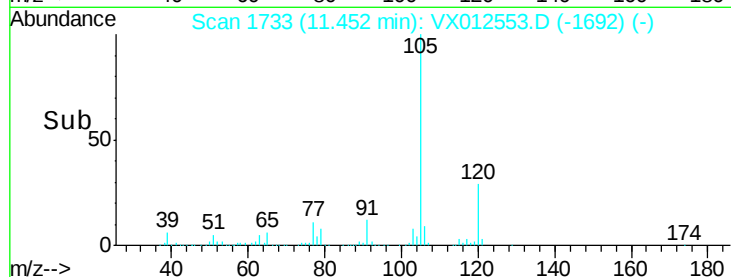
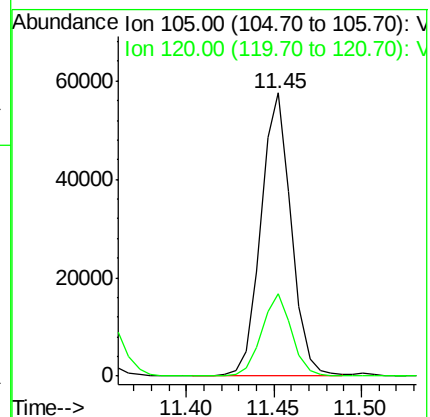
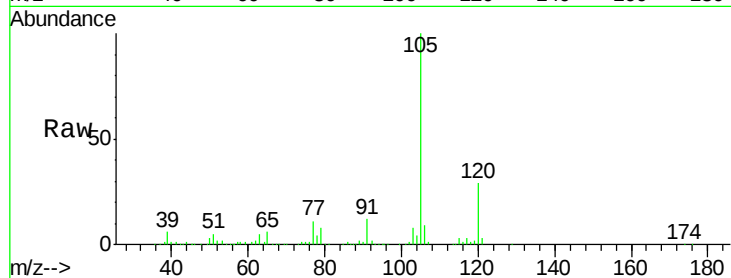
Z2-0159DL

Tot Ion:105 Resp: 69947

Ion Ratio Lower Upper

105 100

120 28.5 24.3 72.8



#81

trans-1,4-Dichloro-2-butene

Concen: 70.988 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012553.D

Acq: 20 Sep 2019 13:38

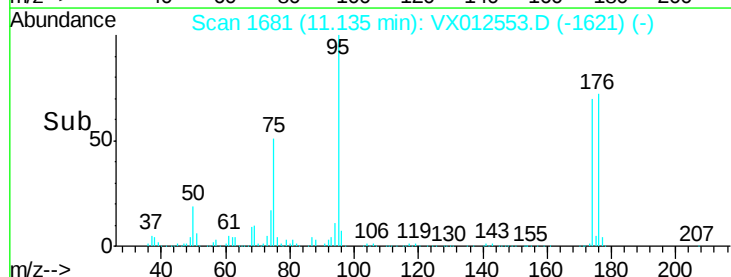
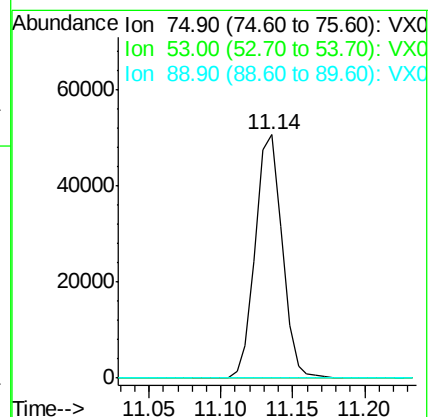
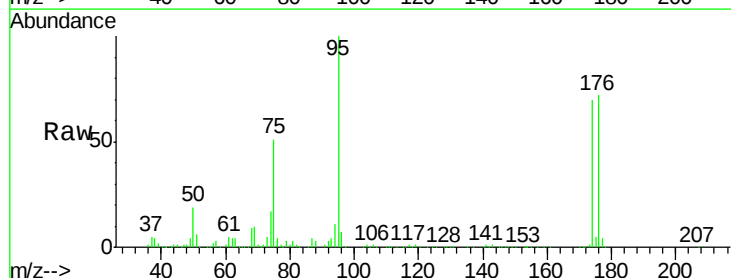
Tgt Ion: 75 Resp: 65103

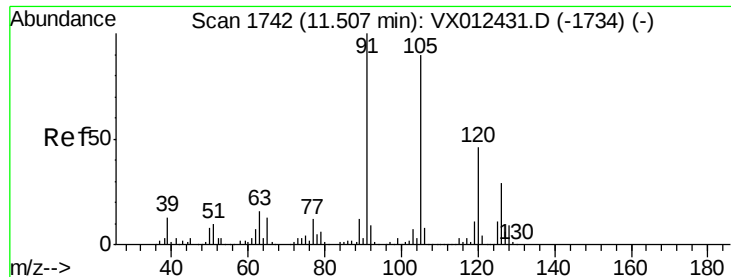
Ion Ratio Lower Upper

75 100

53 0.1 83.6 125.4#

89 0.0 36.3 54.5#

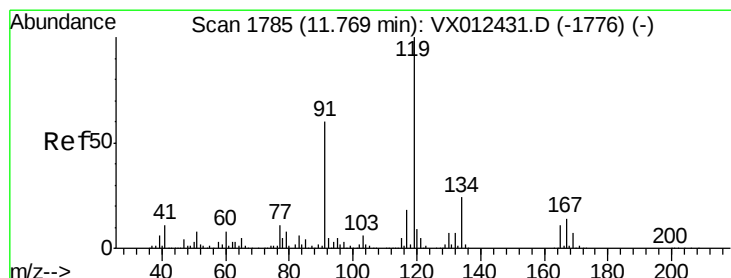
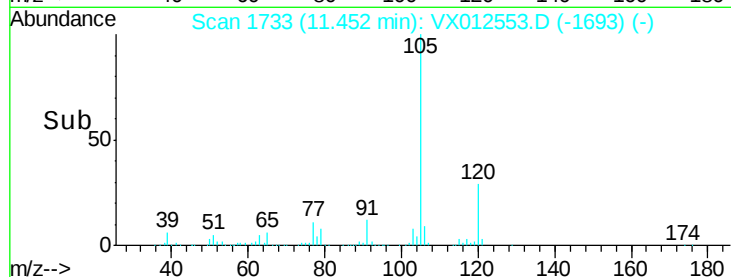
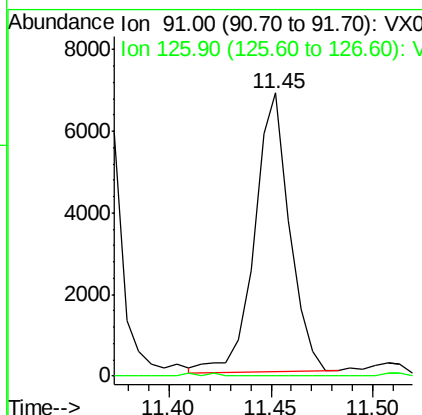
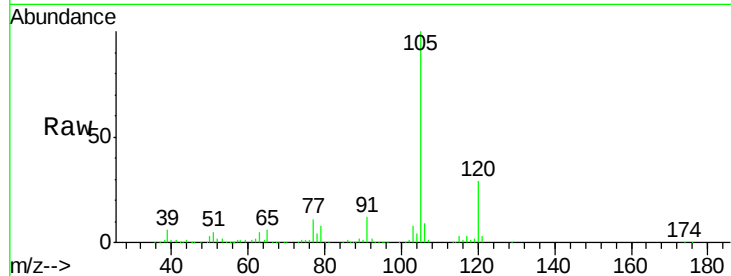




#82
4-Chlorotoluene
Concen: 1.451 ug/l
RT: 11.45 min Scan# 1733
Delta R.T. -0.05 min
Lab File: VX012553.D
Acq: 20 Sep 2019 13:38

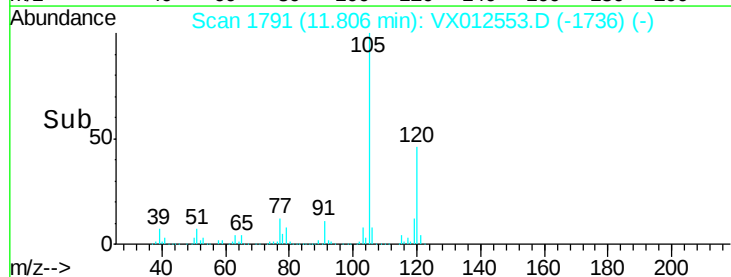
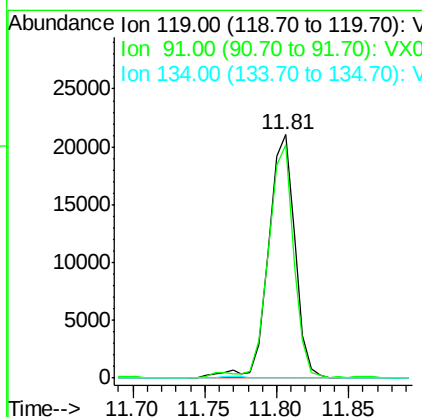
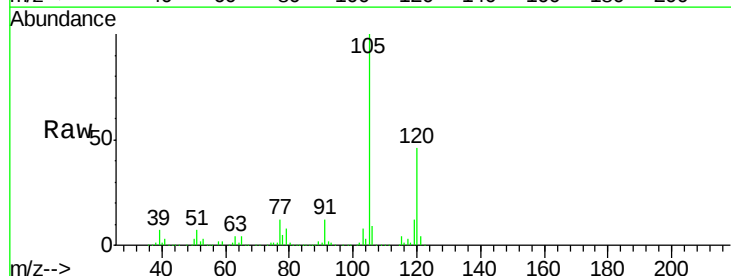
Instrument :
MSVOA_X
ClientSampleId :
Z2-0159DL

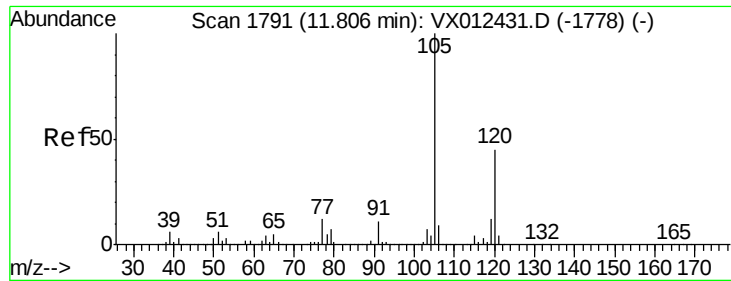
Tot Ion: 91 Resp: 8146
Ion Ratio Lower Upper
91 100
126 0.0 14.4 43.0#



#83
tert-Butylbenzene
Concen: 4.374 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.04 min
Lab File: VX012553.D
Acq: 20 Sep 2019 13:38

Tgt Ion: 119 Resp: 26964
Ion Ratio Lower Upper
119 100
91 90.9 30.0 90.0#
134 0.0 11.3 33.9#





#84

1,2,4-Trimethylbenzene

Concen: 36.911 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX012553.D

Acq: 20 Sep 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

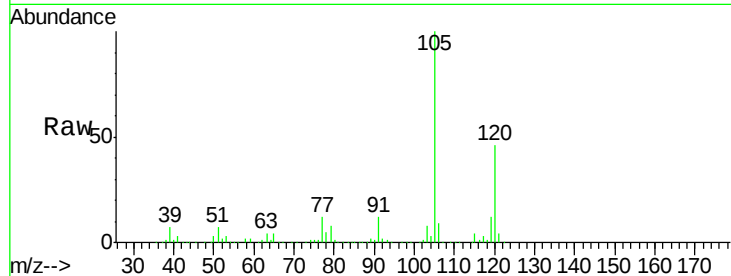
Z2-0159DL

Tot Ion:105 Resp: 218031

Ion Ratio Lower Upper

105 100

120 45.9 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

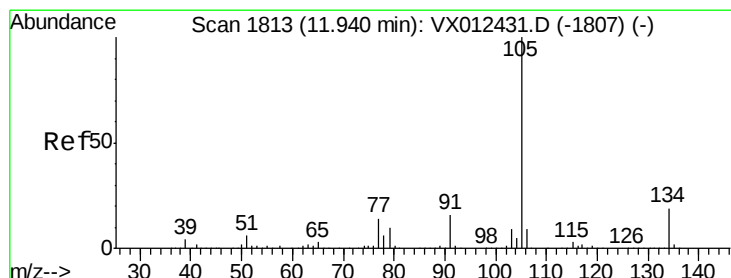
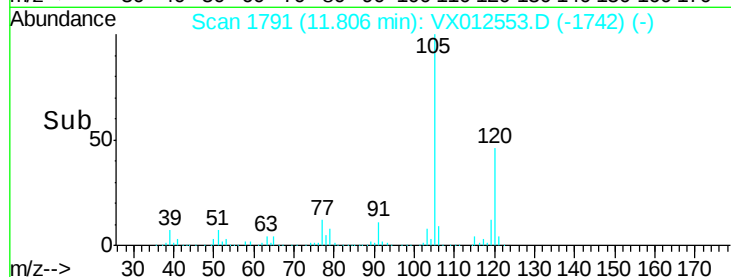
100000

50000

0

11.70 11.80 11.90

Time-->



#85

sec-Butylbenzene

Concen: 1.086 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012553.D

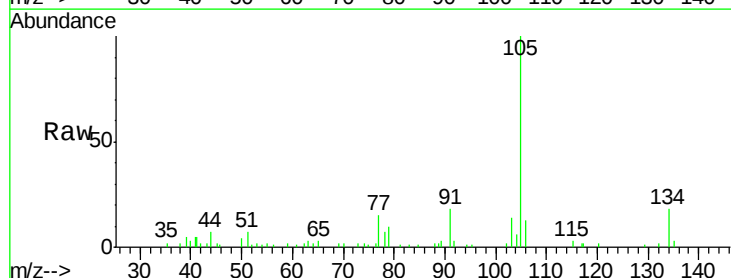
Acq: 20 Sep 2019 13:38

Tgt Ion:105 Resp: 7377

Ion Ratio Lower Upper

105 100

134 25.6 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

6000

5000

4000

3000

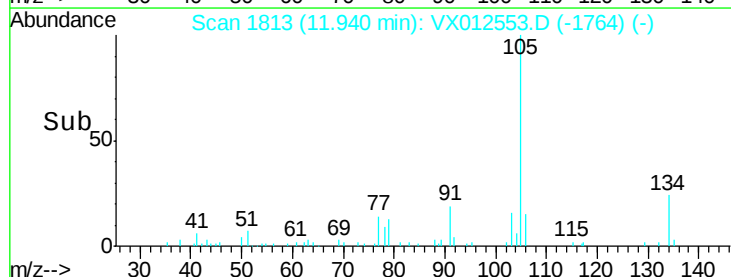
2000

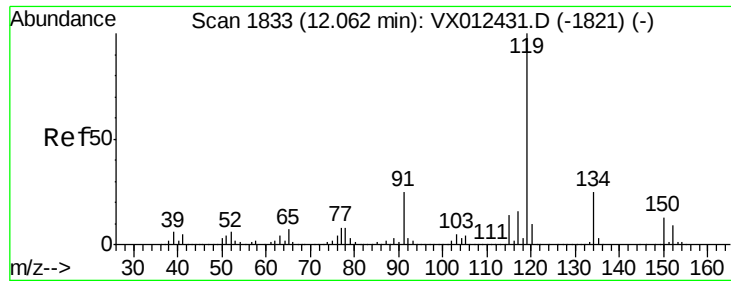
1000

0

11.90 11.95 12.00

Time-->

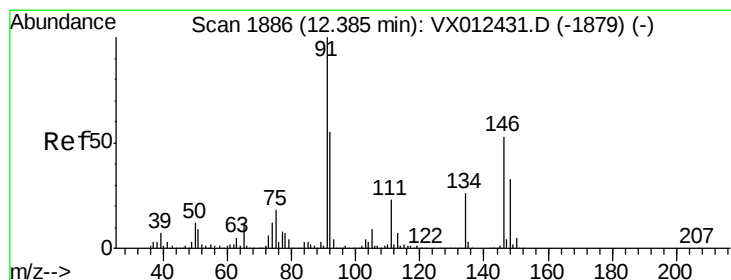
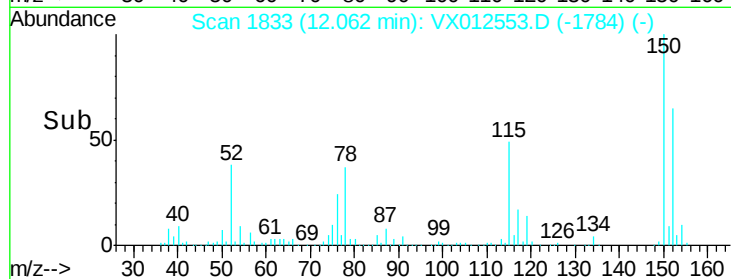
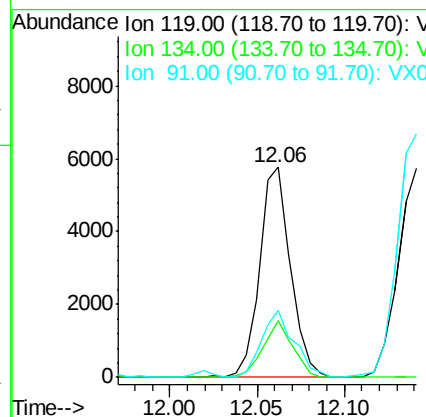
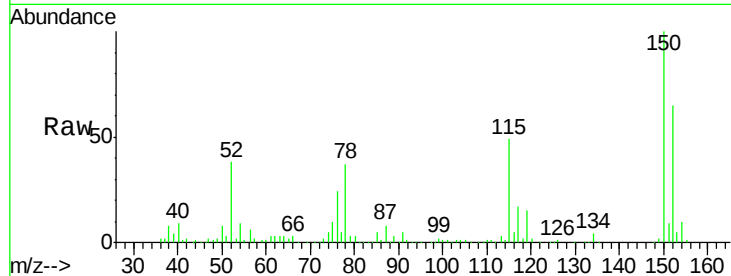




#86
p-Isopropyltoluene
Concen: 1.130 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX012553.D
Acq: 20 Sep 2019 13:38

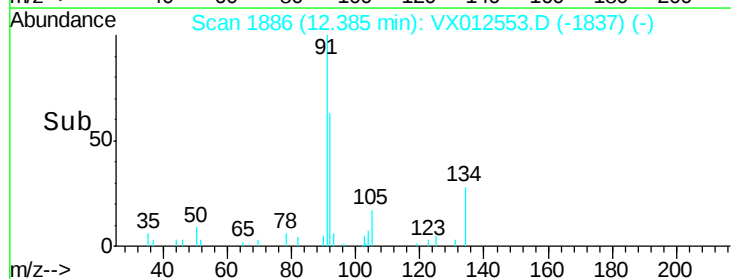
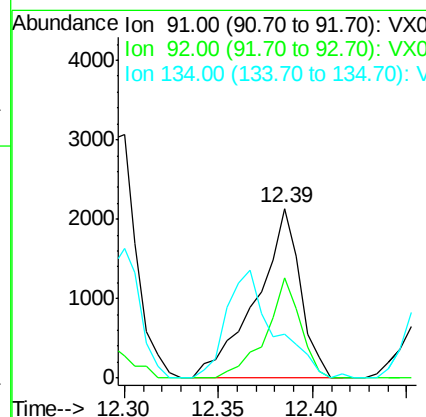
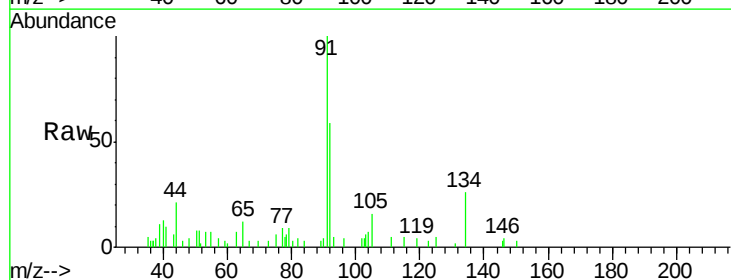
Instrument :
MSVOA_X
ClientSampled :
Z2-0159DL

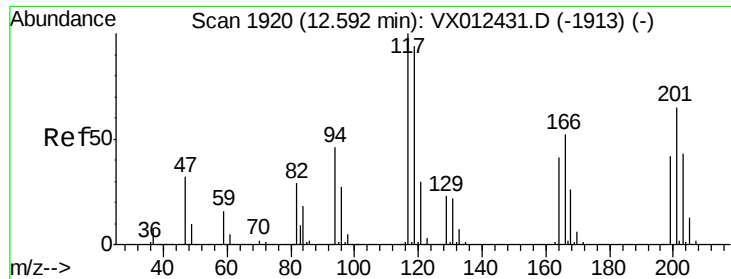
Tot Ion:119 Resp: 7051
Ion Ratio Lower Upper
119 100
134 25.9 12.7 38.1
91 33.6 12.8 38.4



#89
n-Butylbenzene
Concen: 0.618 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012553.D
Acq: 20 Sep 2019 13:38

Tgt Ion: 91 Resp: 3442
Ion Ratio Lower Upper
91 100
92 46.0 27.7 83.0
134 69.1 12.9 38.6#





#90

Hexachloroethane

Concen: 1.001 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VX012553.D

Acq: 20 Sep 2019 13:38

Instrument :

MSVOA_X

ClientSampled :

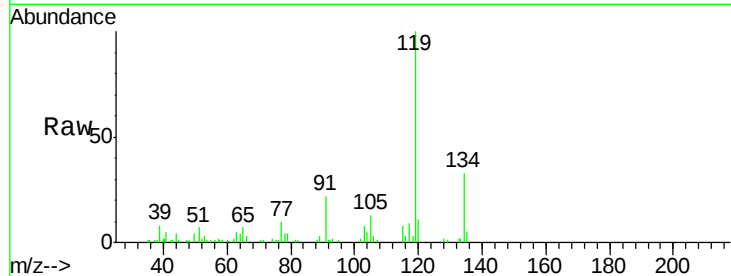
Z2-0159DL

Tot Ion:117 Resp: 1145

Ion Ratio Lower Upper

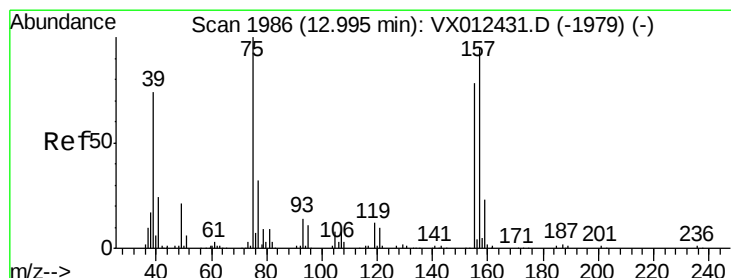
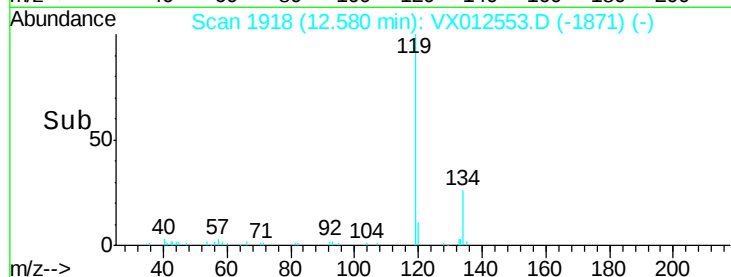
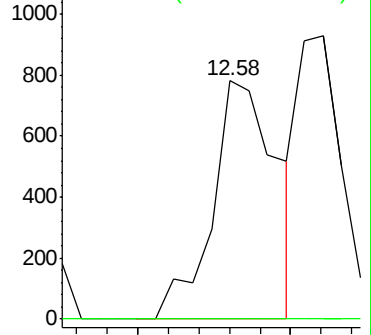
117 100

201 0.0 33.3 99.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.299 ug/l

RT: 13.01 min Scan# 1989

Delta R.T. 0.02 min

Lab File: VX012553.D

Acq: 20 Sep 2019 13:38

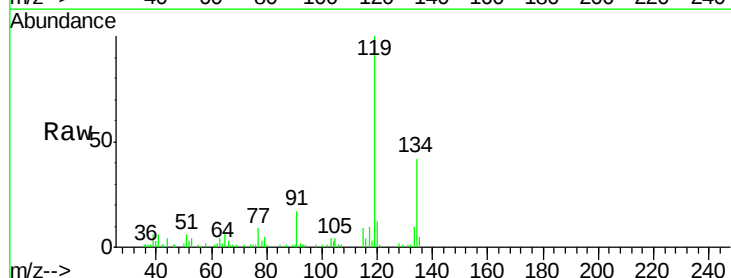
Tgt Ion: 75 Resp: 205

Ion Ratio Lower Upper

75 100

155 0.0 38.6 115.8#

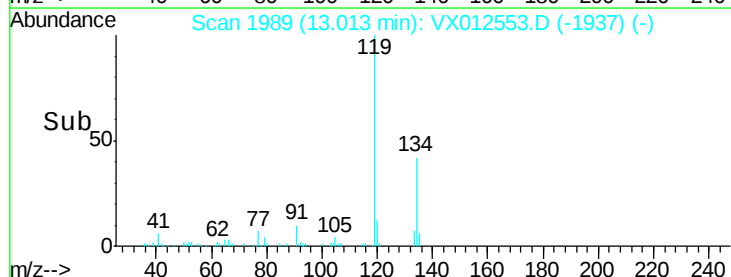
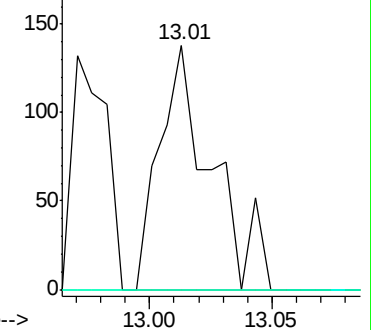
157 0.0 50.6 151.9#

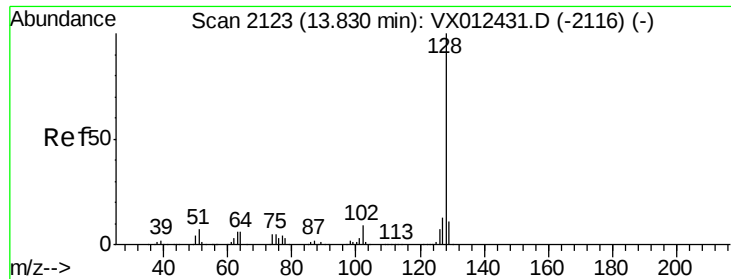


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

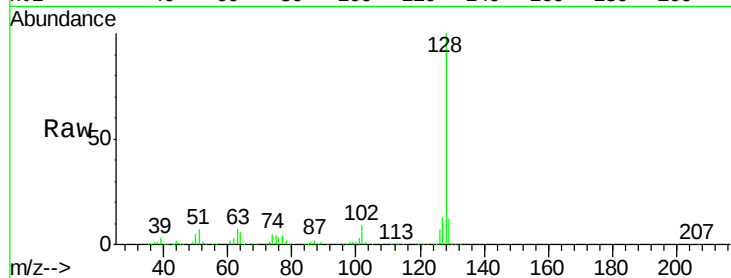




#95
Naphthalene
Concen: 6.294 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012553.D
Acq: 20 Sep 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
Z2-0159DL

Tot Ion:128 Resp: 46654
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 12.1 8.8 13.2



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

