

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081319\
 Data File : VX011532.D
 Acq On : 13 Aug 2019 13:44
 Operator : JC/SP
 Sample : K4279-02DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0671DL

Quant Time: Aug 14 01:06:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	195433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	288903	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	264581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	135301	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	106257	53.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.98%	
35) Dibromofluoromethane	5.49	113	85048	45.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.18%	
50) Toluene-d8	8.71	98	340301	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
62) 4-Bromofluorobenzene	11.13	95	122193	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	

Target Compounds

					Qvalue	
5) Bromomethane	1.62	94	1021	0.768	ug/l #	44
6) Chloroethane	1.69	64	82	Below Cal	#	71
11) Tert butyl alcohol	3.03	59	90	0.252	ug/l #	72
13) Acrolein	2.29	56	46	Below Cal	#	15
14) Allyl chloride	2.82	41	3495	1.474	ug/l #	24
15) Acrylonitrile	3.15	53	1604	1.713	ug/l #	38
16) Acetone	2.44	43	1308	1.396	ug/l	96
18) Methyl Acetate	2.83	43	8666	4.048	ug/l #	49
20) Methylene Chloride	2.84	84	458	0.223	ug/l #	66
25) 2-Butanone	4.70	43	826	0.620	ug/l #	46
31) Cyclohexane	5.57	56	71534	28.224	ug/l	94
36) 1,1-Dichloropropene	5.65	75	13627	5.402	ug/l #	49
38) Carbon Tetrachloride	5.65	117	18830	7.420	ug/l #	14
39) Methylcyclohexane	7.46	83	62569	20.927	ug/l	98
40) Benzene	6.13	78	163283	21.693	ug/l	95
43) Isopropyl Acetate	6.44	43	1349	0.333	ug/l #	63
48) Methyl methacrylate	7.73	41	3392	1.782	ug/l #	67
49) 1,4-Dioxane	7.87	88	20	0.362	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	940	0.360	ug/l #	35
53) t-1,3-Dichloropropene	9.07	75	20	2.845	ug/l #	43
55) 1,1,2-Trichloroethane	9.16	97	2564	1.253	ug/l #	24
56) Ethyl methacrylate	9.16	69	622	0.213	ug/l #	1
67) Ethyl Benzene	10.25	91	314614	33.115	ug/l	99
68) m/p-Xylenes	10.36	106	52352	14.246	ug/l	98
69) o-Xylene	10.69	106	1433	0.397	ug/l	98
73) Isopropylbenzene	11.02	105	23694	2.561	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	62094	25.201	ug/l #	35
78) n-propylbenzene	11.36	91	23550	2.288	ug/l	99
79) 2-Chlorotoluene	11.45	91	7410	1.208	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	37148	4.796	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	62094	65.727	ug/l #	10
82) 4-Chlorotoluene	11.51	91	4283	0.599	ug/l #	43
83) tert-Butylbenzene	12.02	119	5114	0.673	ug/l	70
84) 1,2,4-Trimethylbenzene	11.80	105	230741	29.918	ug/l	100

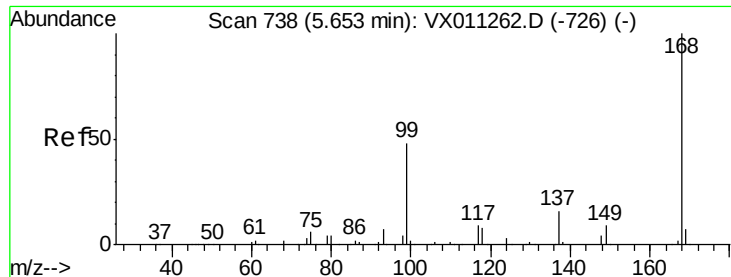
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081319\
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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.80	105	230579	25.261	ug/l #	55
86) p-Isopropyltoluene	12.06	119	7933	0.945	ug/l	92
89) n-Butylbenzene	12.37	91	6198	0.857	ug/l #	19
90) Hexachloroethane	12.61	117	4391	3.537	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	13.02	75	303	0.507	ug/l #	1
95) Naphthalene	13.83	128	23914	2.707	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011532.D

Acq: 13 Aug 2019 13:44

Instrument :

MSVOA_X

ClientSampleId :

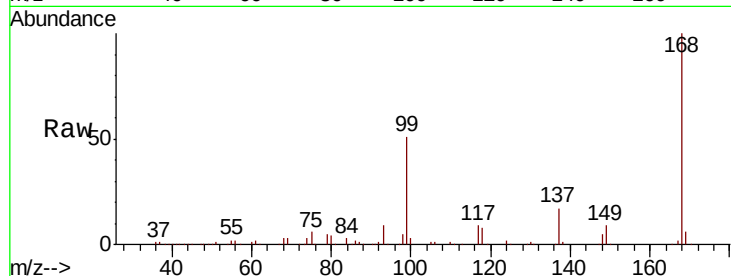
Z3-0671DL

Tgt Ion:168 Resp: 195433

Ion Ratio Lower Upper

168 100

99 51.4 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

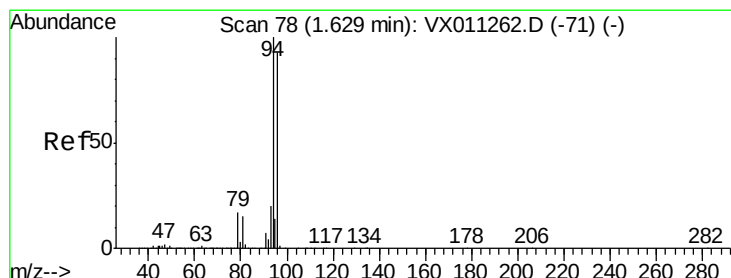
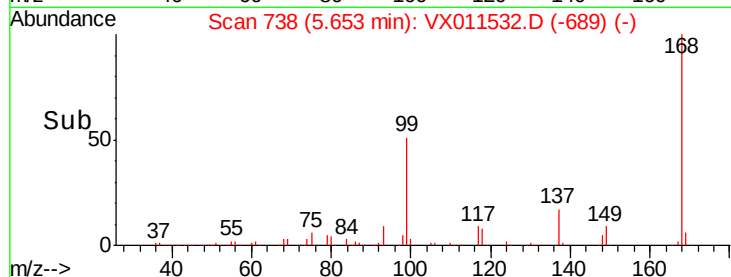
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.768 ug/l

RT: 1.62 min Scan# 77

Delta R.T. -0.01 min

Lab File: VX011532.D

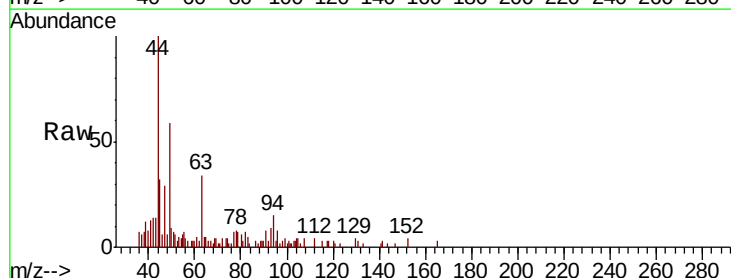
Acq: 13 Aug 2019 13:44

Tgt Ion: 94 Resp: 1021

Ion Ratio Lower Upper

94 100

96 39.0 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

500

400

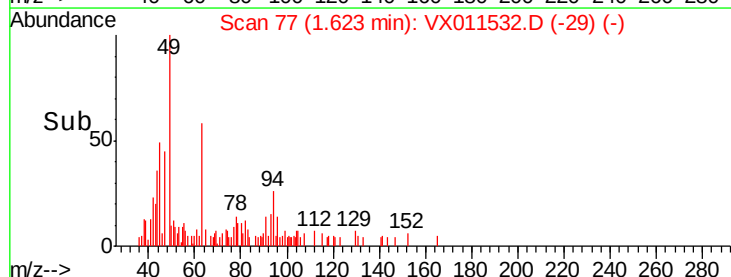
300

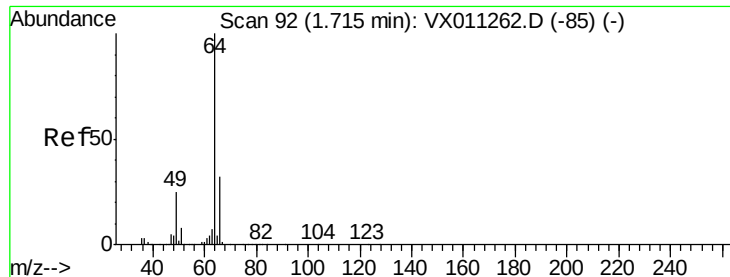
200

100

0

Time--> 1.55 1.60 1.65





#6

Chloroethane

Concen: Below Cal

RT: 1.69 min Scan# 88

Delta R.T. -0.02 min

Lab File: VX011532.D

Acq: 13 Aug 2019 13:44

Instrument :

MSVOA_X

ClientSampled :

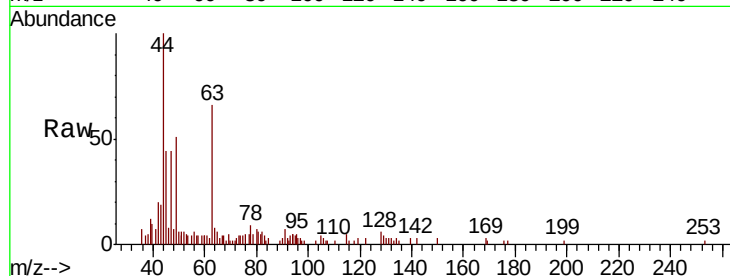
Z3-0671DL

Tgt Ion: 64 Resp: 82

Ion Ratio Lower Upper

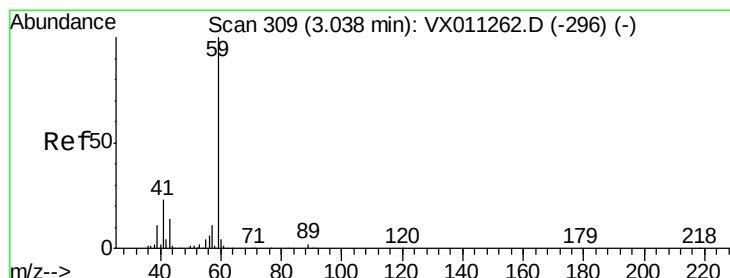
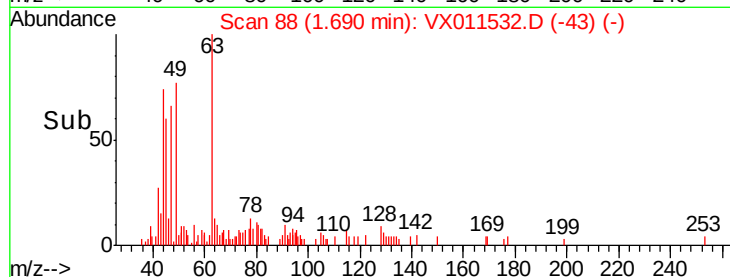
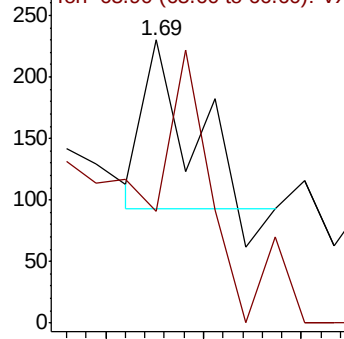
64 100

66 15.3 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#11

Tert butyl alcohol

Concen: 0.252 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX011532.D

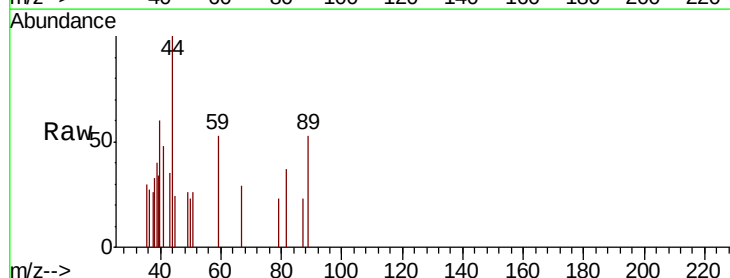
Acq: 13 Aug 2019 13:44

Tgt Ion: 59 Resp: 90

Ion Ratio Lower Upper

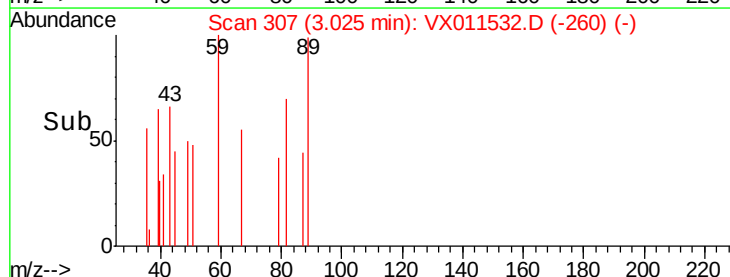
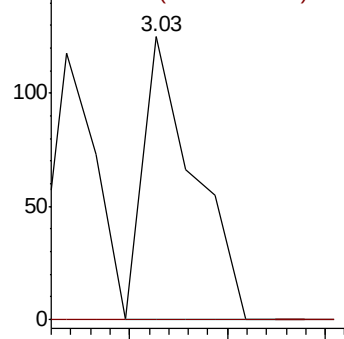
59 100

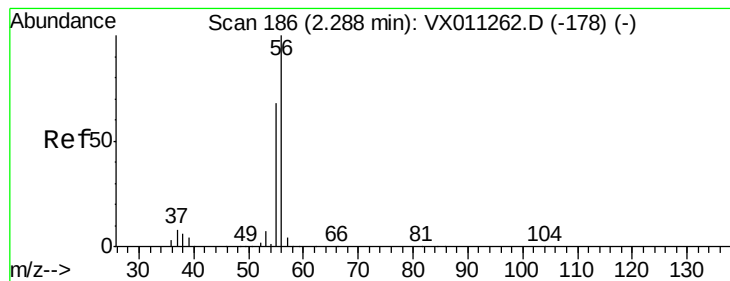
57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: Below Cal

RT: 2.29 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX011532.D

Acq: 13 Aug 2019 13:44

Instrument :

MSVOA_X

ClientSampled :

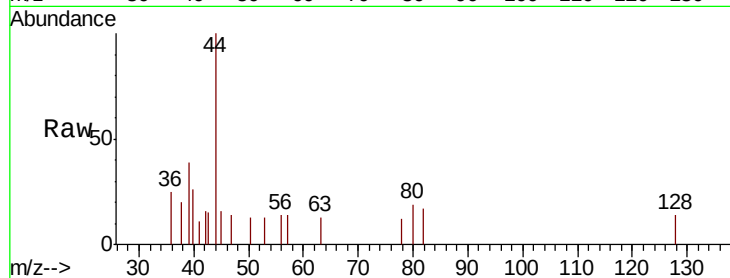
Z3-0671DL

Tgt Ion: 56 Resp: 46

Ion Ratio Lower Upper

56 100

55 0.0 56.0 84.0#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

200

150

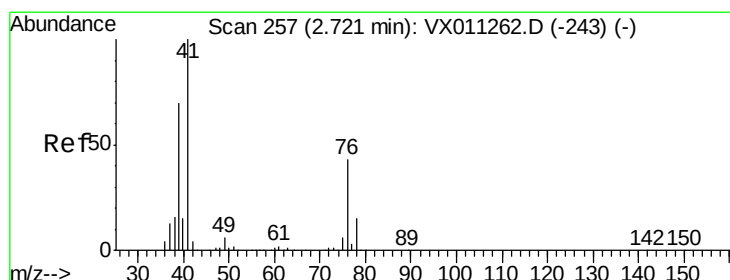
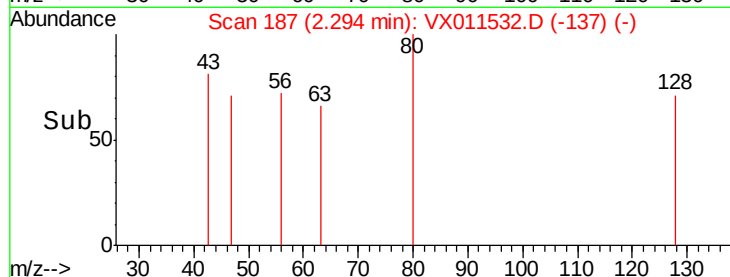
100

50

0

2.27 2.28 2.29 2.30 2.31

Time-->



#14

Allyl chloride

Concen: 1.474 ug/l

RT: 2.82 min Scan# 274

Delta R.T. 0.10 min

Lab File: VX011532.D

Acq: 13 Aug 2019 13:44

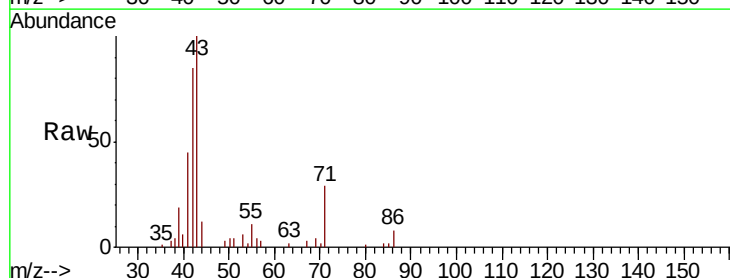
Tgt Ion: 41 Resp: 3495

Ion Ratio Lower Upper

41 100

39 0.0 52.8 79.2#

76 0.0 31.1 46.7#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

8000

6000

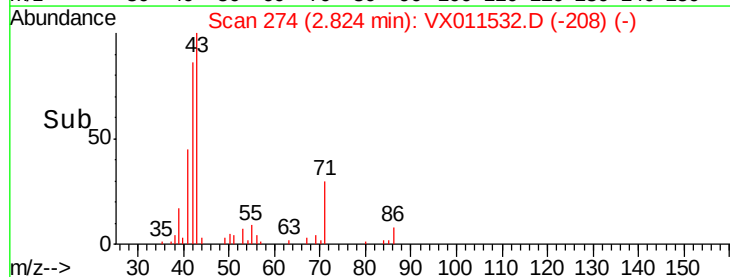
4000

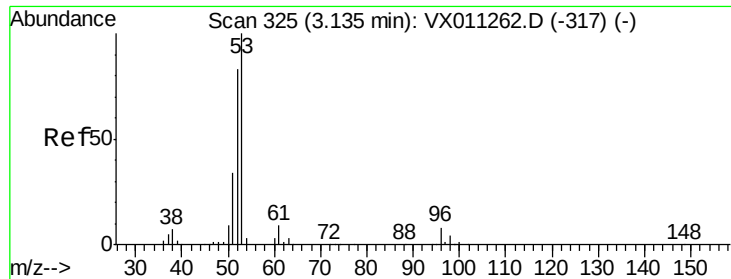
2000

0

2.75 2.80 2.85

Time-->





#15

Acrylonitrile

Concen: 1.713 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX011532.D

Acq: 13 Aug 2019 13:44

Instrument :

MSVOA_X

ClientSampleId :

Z3-0671DL

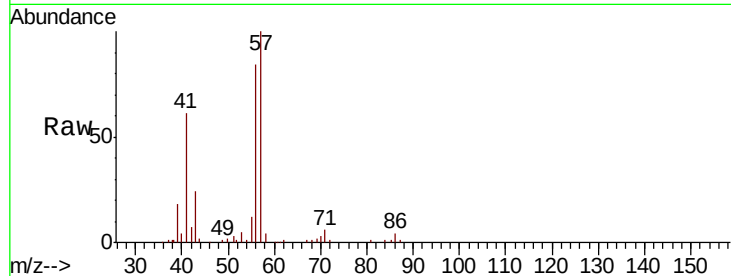
Tgt Ion: 53 Resp: 1604

Ion Ratio Lower Upper

53 100

52 27.0 65.5 98.3#

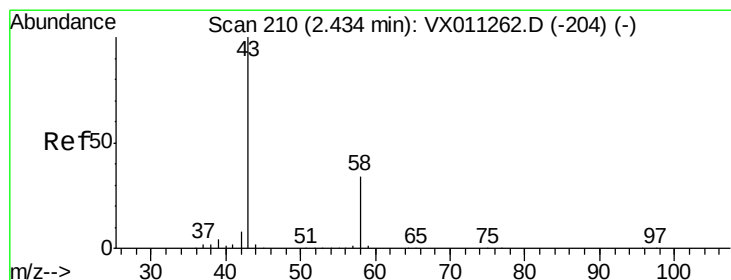
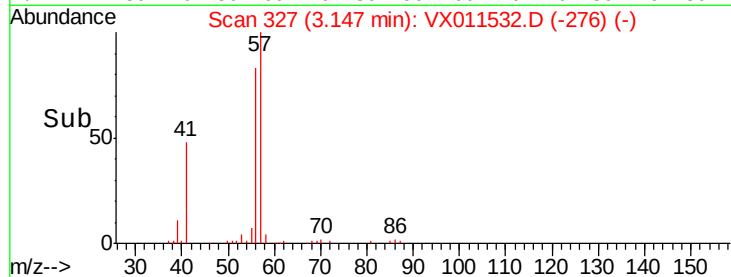
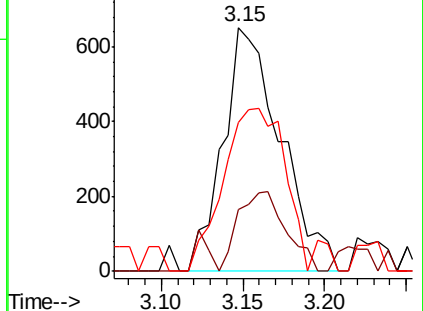
51 71.2 27.9 41.9#



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: 1.396 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX011532.D

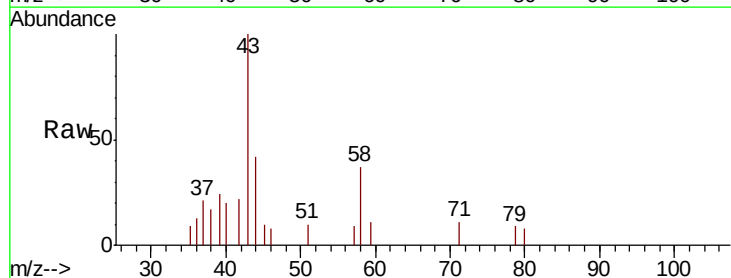
Acq: 13 Aug 2019 13:44

Tgt Ion: 43 Resp: 1308

Ion Ratio Lower Upper

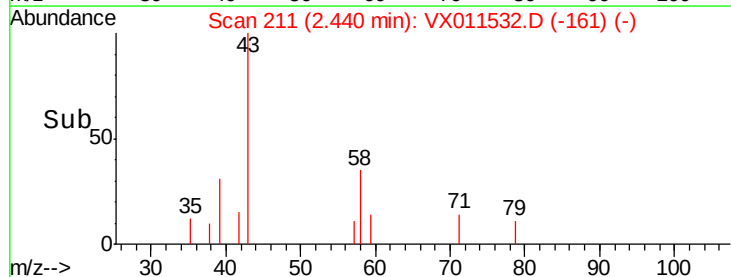
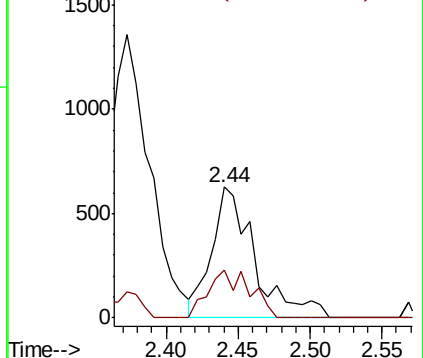
43 100

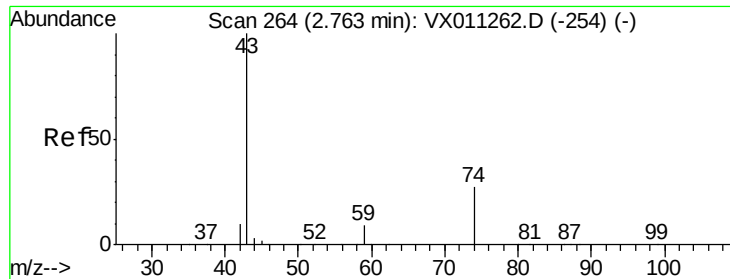
58 36.5 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

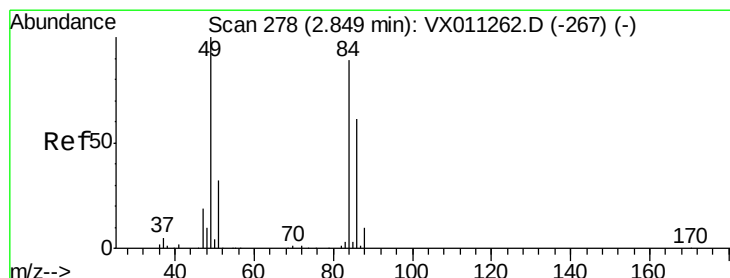
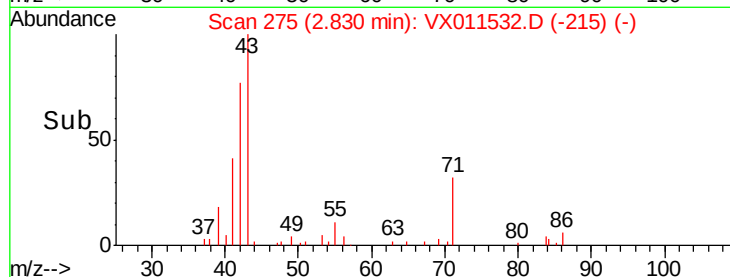
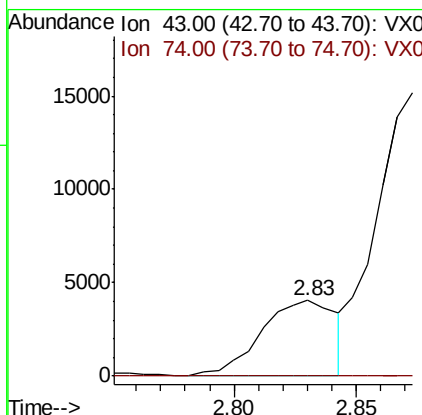
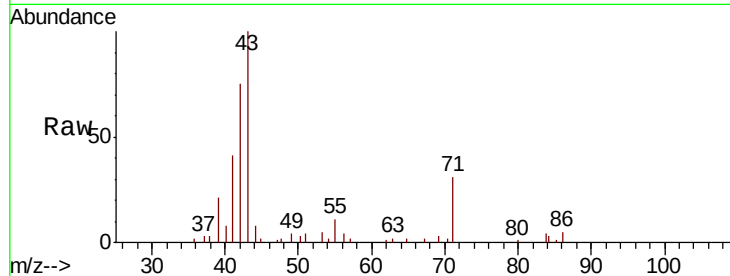




#18
Methyl Acetate
Concen: 4.048 ug/l
RT: 2.83 min Scan# 275
Delta R.T. 0.07 min
Lab File: VX011532.D
Acq: 13 Aug 2019 13:44

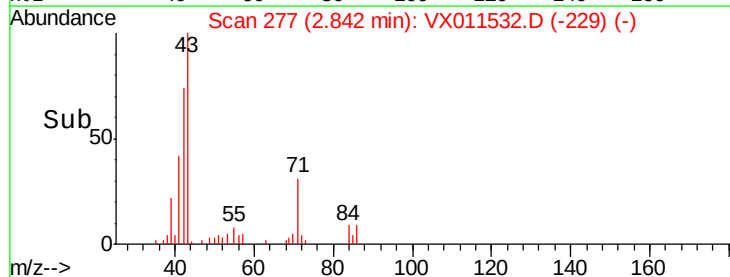
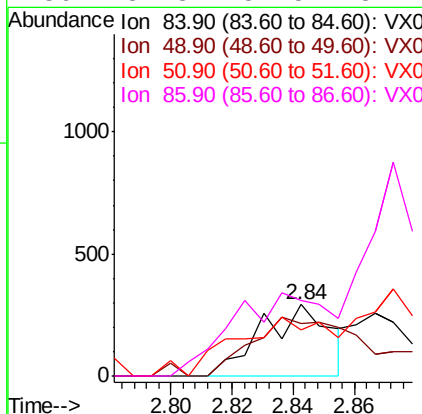
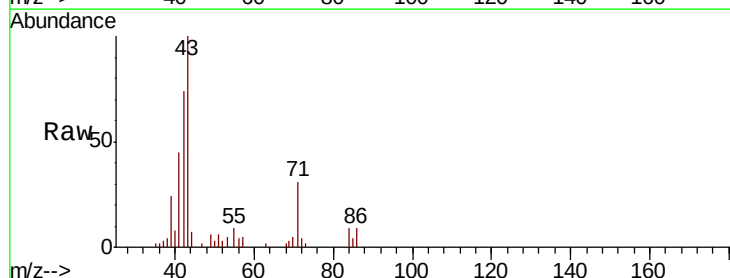
Instrument :
MSVOA_X
ClientSampleId :
Z3-0671DL

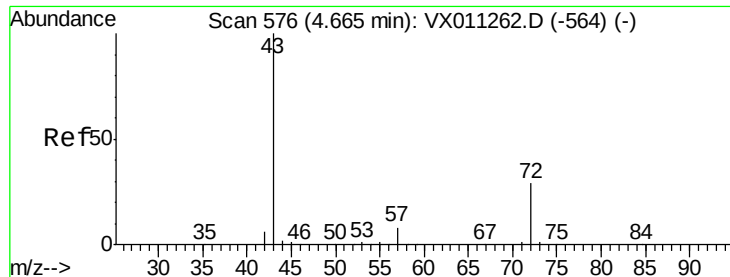
Tgt Ion: 43 Resp: 8666
Ion Ratio Lower Upper
43 100
74 0.0 21.0 31.6#



#20
Methylene Chloride
Concen: 0.223 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.01 min
Lab File: VX011532.D
Acq: 13 Aug 2019 13:44

Tgt Ion: 84 Resp: 458
Ion Ratio Lower Upper
84 100
49 73.6 89.3 133.9#
51 65.1 28.3 42.5#
86 87.3 54.5 81.7#

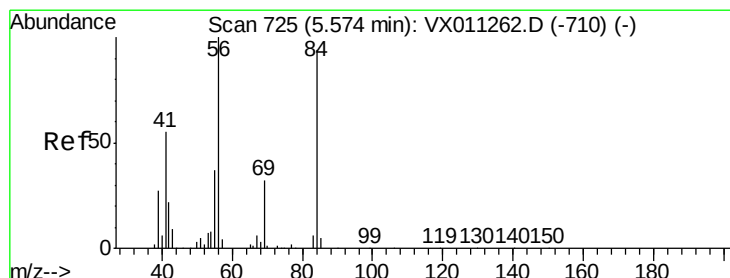
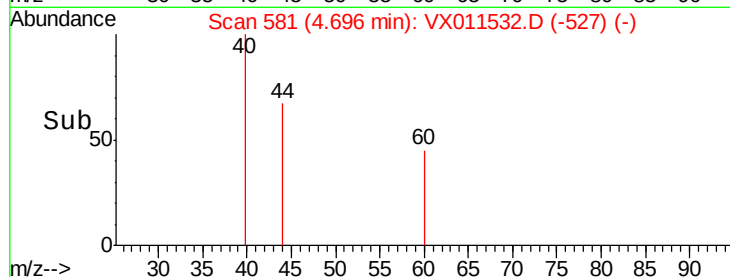
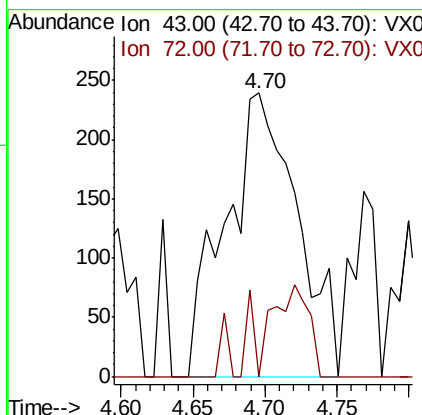
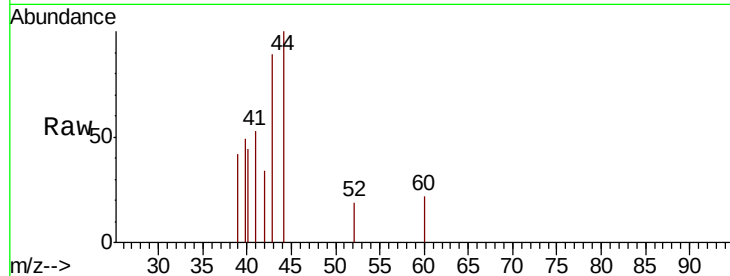




#25
2-Butanone
Concen: 0.620 ug/l
RT: 4.70 min Scan# 581
Delta R.T. 0.03 min
Lab File: VX011532.D
Acq: 13 Aug 2019 13:44

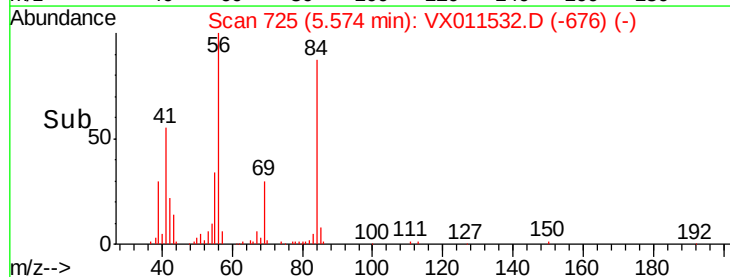
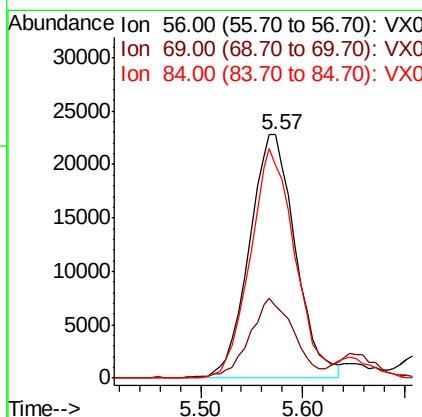
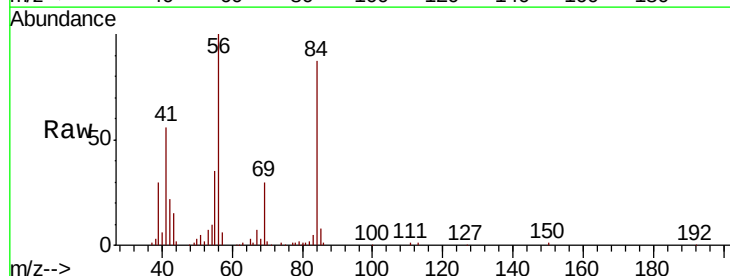
Instrument :
MSVOA_X
ClientSampled :
Z3-0671DL

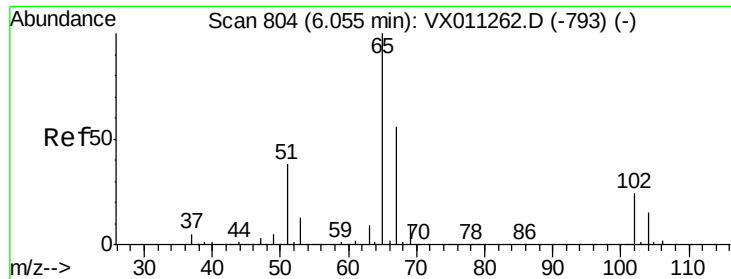
Tgt Ion: 43 Resp: 826
Ion Ratio Lower Upper
43 100
72 0.0 23.2 34.8#



#31
Cyclohexane
Concen: 28.224 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX011532.D
Acq: 13 Aug 2019 13:44

Tgt Ion: 56 Resp: 71534
Ion Ratio Lower Upper
56 100
69 29.3 25.5 38.3
84 87.4 75.0 112.4

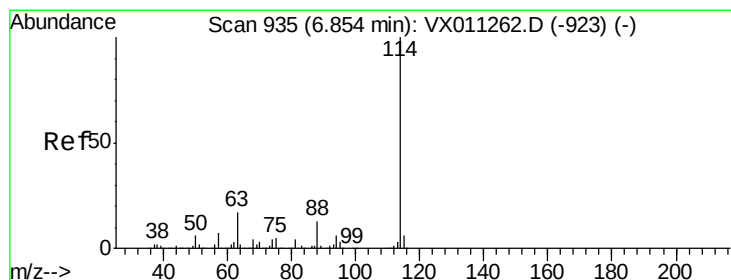
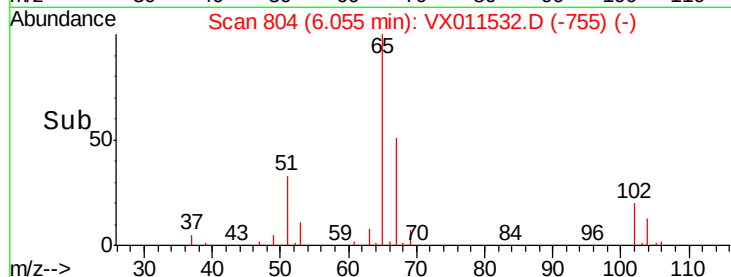
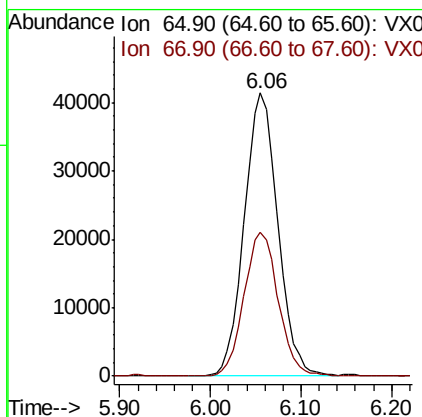
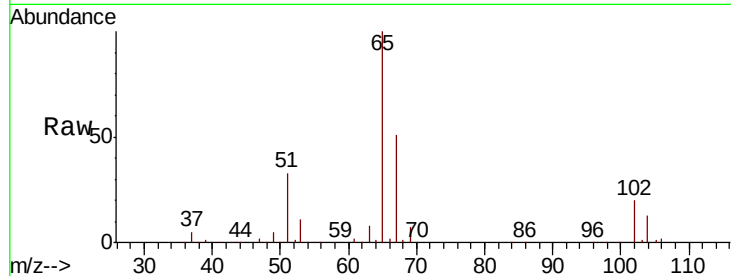




#33
 1,2-Dichloroethane-d4
 Concen: 53.989 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011532.D
 Acq: 13 Aug 2019 13:44

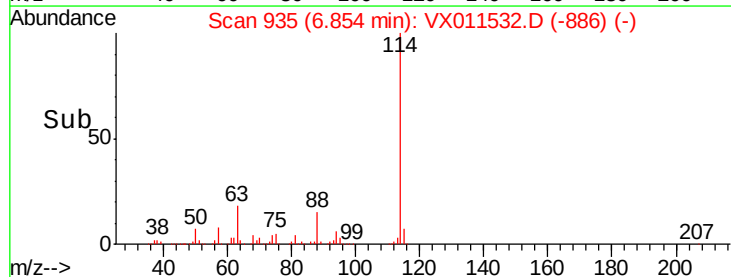
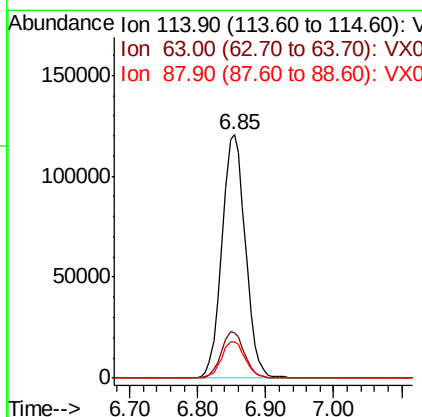
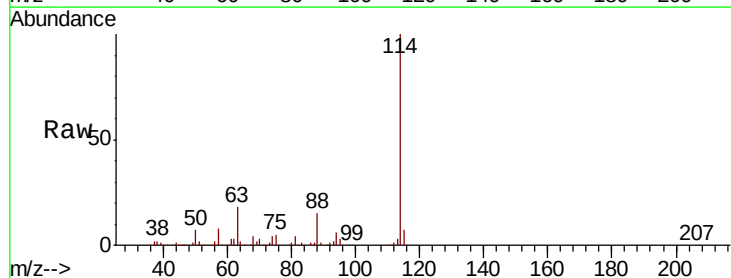
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0671DL

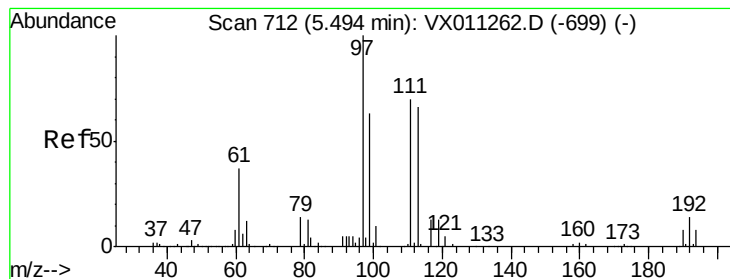
Tgt Ion: 65 Resp: 106257
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011532.D
 Acq: 13 Aug 2019 13:44

Tgt Ion: 114 Resp: 288903
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 34.0
 88 15.2 0.0 26.4





#35

Dibromofluoromethane

Concen: 45.090 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011532.D

Acq: 13 Aug 2019 13:44

Instrument :

MSVOA_X

ClientSampleId :

Z3-0671DL

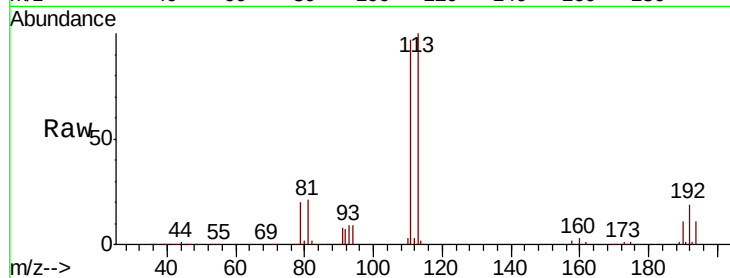
Tgt Ion:113 Resp: 85048

Ion Ratio Lower Upper

113 100

111 101.6 81.9 122.9

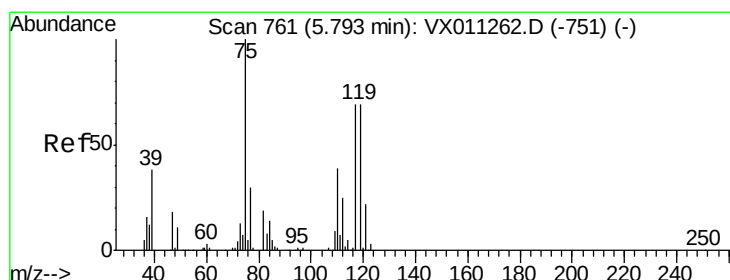
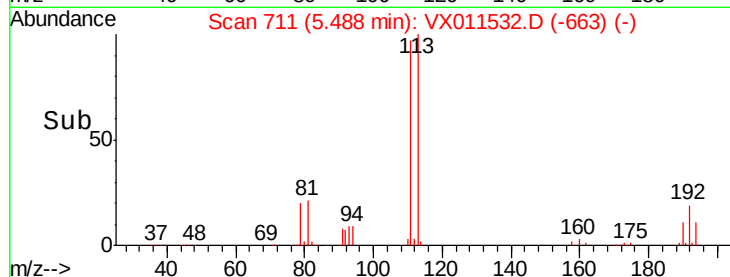
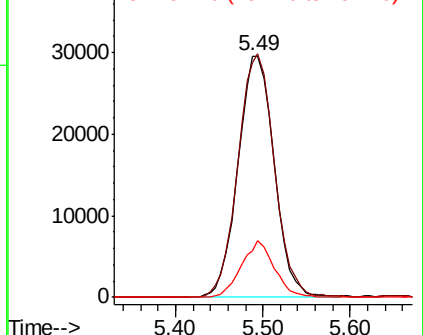
192 21.4 17.8 26.8



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: 5.402 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.15 min

Lab File: VX011532.D

Acq: 13 Aug 2019 13:44

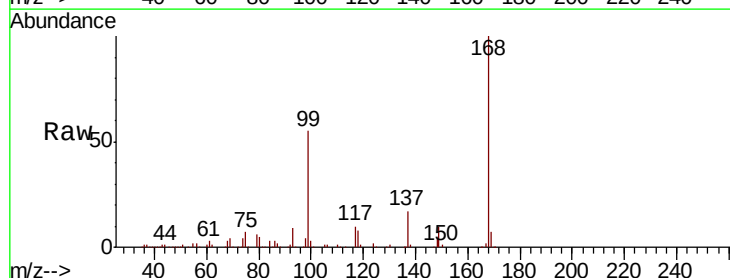
Tgt Ion: 75 Resp: 13627

Ion Ratio Lower Upper

75 100

110 10.6 20.0 59.9#

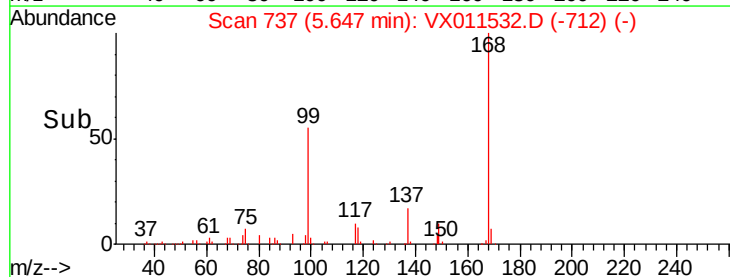
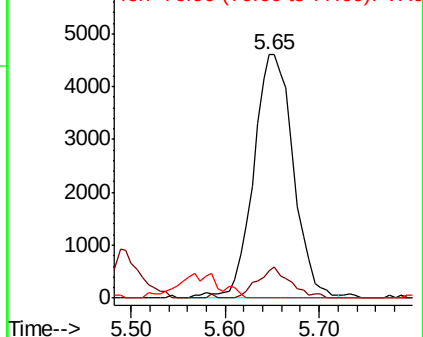
77 0.0 24.8 37.2#

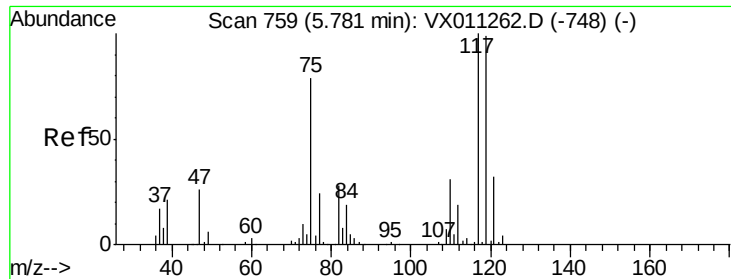


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

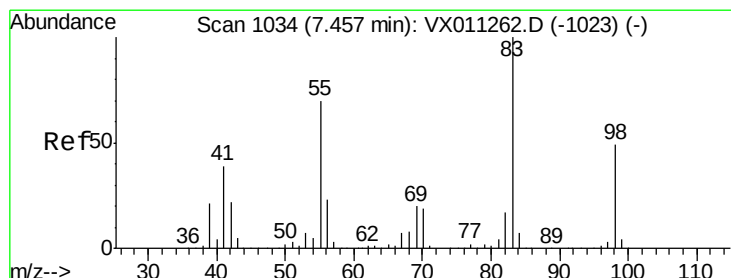
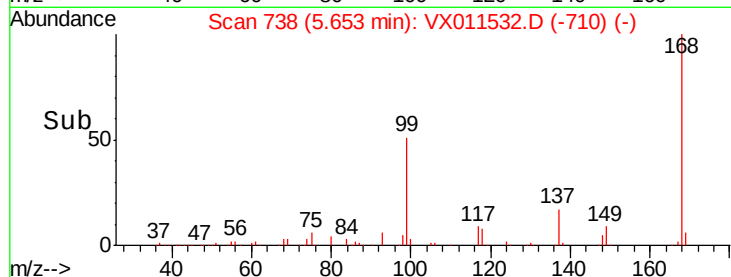
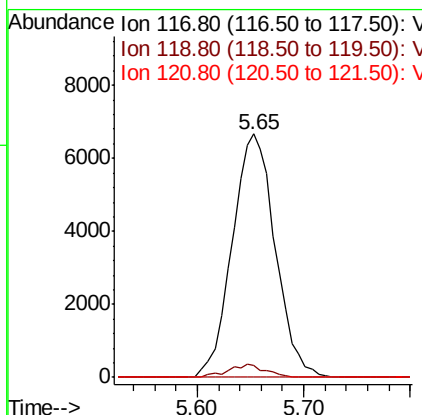
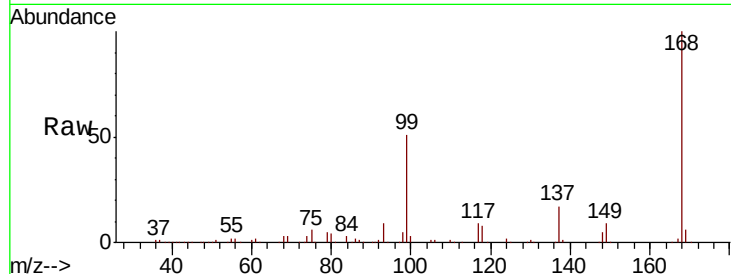




#38
Carbon Tetrachloride
Concen: 7.420 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.13 min
Lab File: VX011532.D
Acq: 13 Aug 2019 13:44

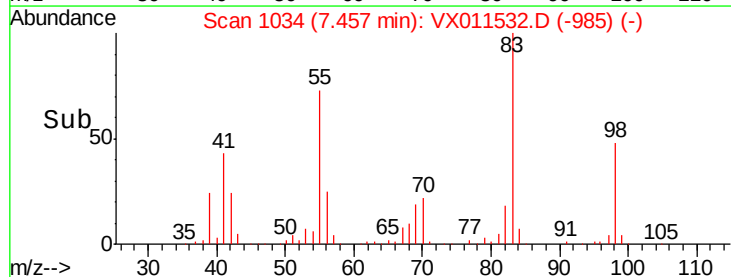
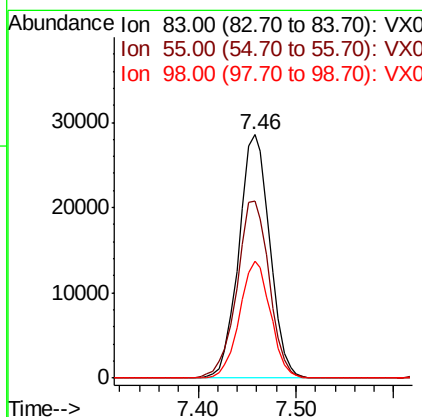
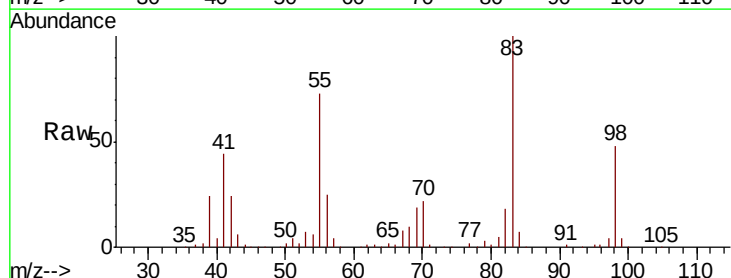
Instrument :
MSVOA_X
ClientSampleId :
Z3-0671DL

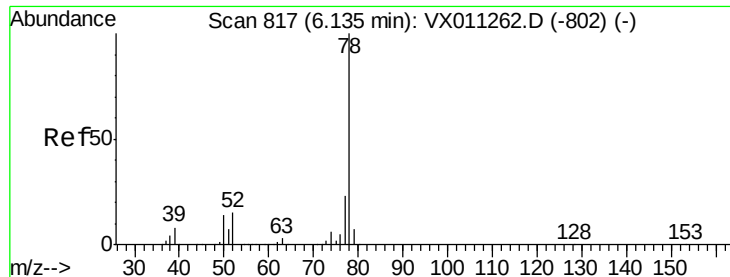
Tgt Ion: 117 Resp: 18830
Ion Ratio Lower Upper
117 100
119 4.8 79.0 118.4#
121 0.0 25.9 38.9#



#39
Methylcyclohexane
Concen: 20.927 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011532.D
Acq: 13 Aug 2019 13:44

Tgt Ion: 83 Resp: 62569
Ion Ratio Lower Upper
83 100
55 72.9 56.1 84.1
98 48.1 39.0 58.4





#40

Benzene

Concen: 21.693 ug/l

RT: 6.13 min Scan# 817

Delta R.T. 0.00 min

Lab File: VX011532.D

Acq: 13 Aug 2019 13:44

Instrument :

MSVOA_X

ClientSampleId :

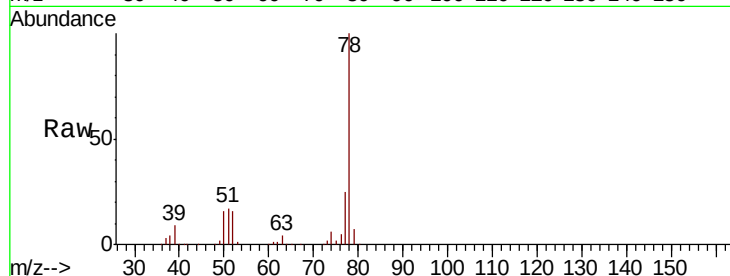
Z3-0671DL

Tgt Ion: 78 Resp: 163283

Ion Ratio Lower Upper

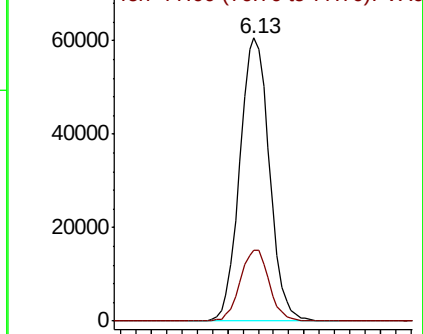
78 100

77 25.2 18.2 27.2

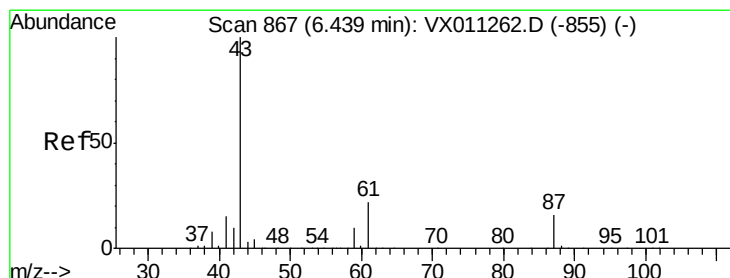
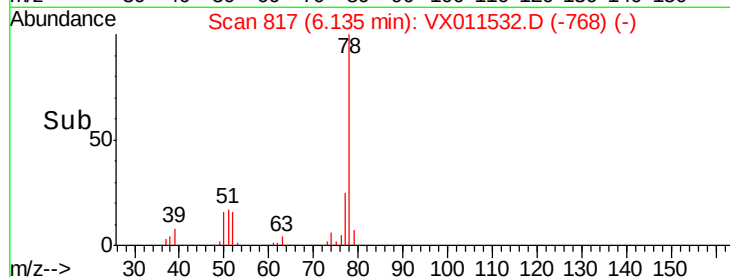


Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



Time-->



#43

Isopropyl Acetate

Concen: 0.333 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011532.D

Acq: 13 Aug 2019 13:44

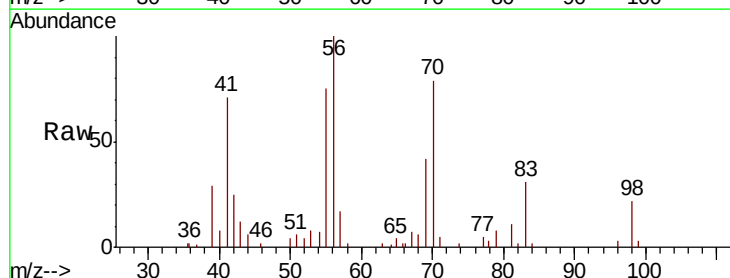
Tgt Ion: 43 Resp: 1349

Ion Ratio Lower Upper

43 100

61 3.0 16.5 24.7#

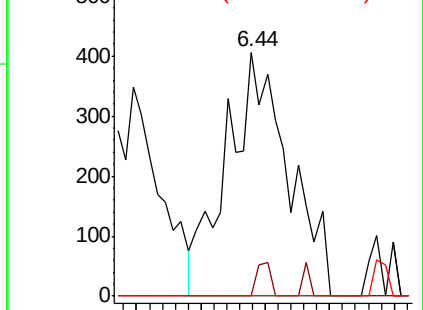
87 0.0 12.1 18.1#



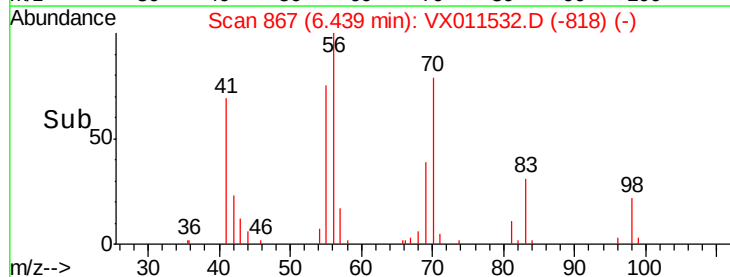
Abundance Ion 43.00 (42.70 to 43.70): VX0

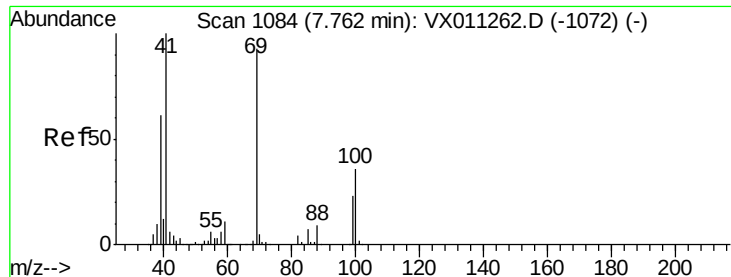
Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



Time-->

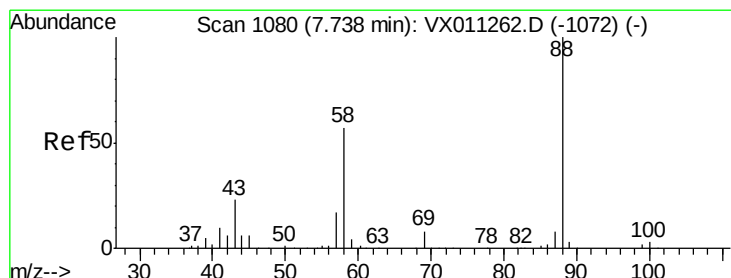
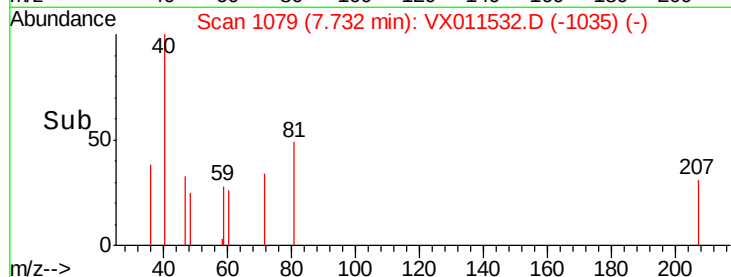
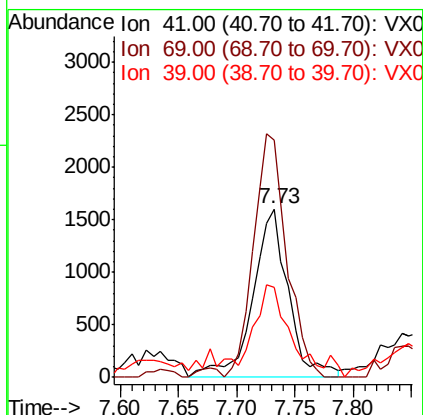
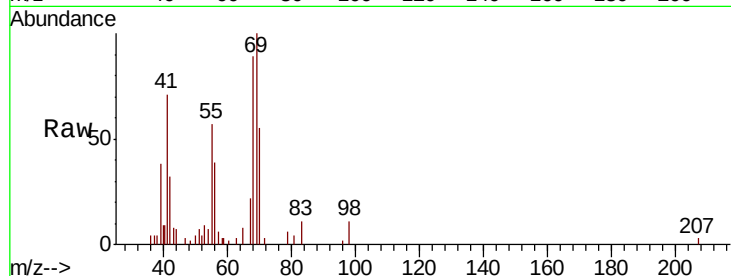




#48
Methyl methacrylate
Concen: 1.782 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.03 min
Lab File: VX011532.D
Acq: 13 Aug 2019 13:44

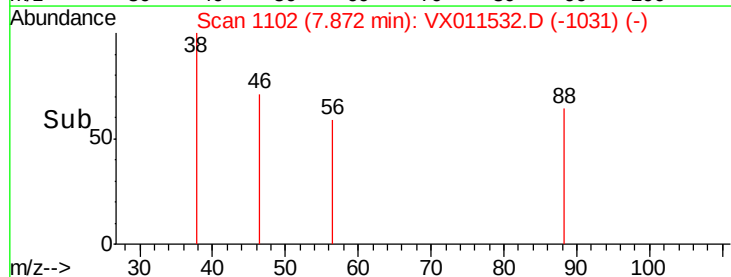
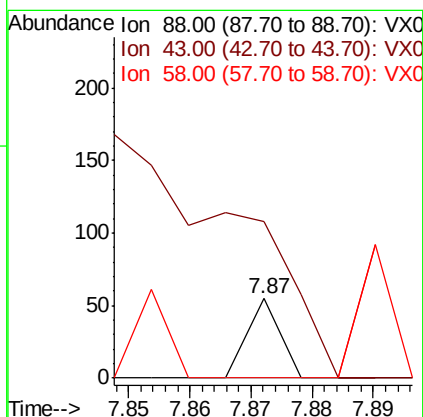
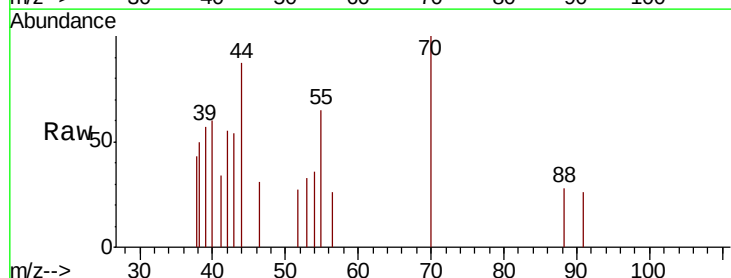
Instrument :
MSVOA_X
ClientSampleId :
Z3-0671DL

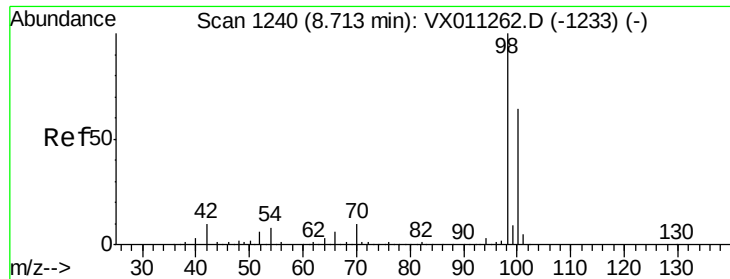
Tgt Ion: 41 Resp: 3392
Ion Ratio Lower Upper
41 100
69 134.9 74.5 111.7#
39 47.2 48.6 72.8#



#49
1,4-Dioxane
Concen: 0.362 ug/l
RT: 7.87 min Scan# 1102
Delta R.T. 0.13 min
Lab File: VX011532.D
Acq: 13 Aug 2019 13:44

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 0.0 22.2 33.2#
58 170.0 47.8 71.8#

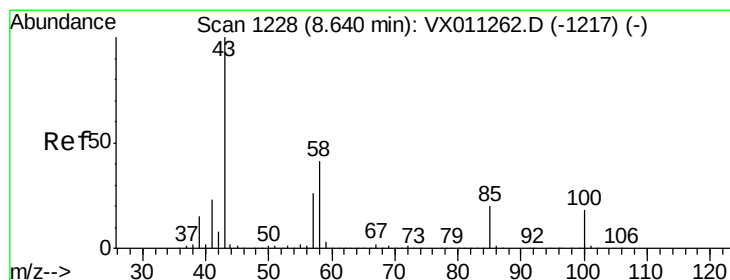
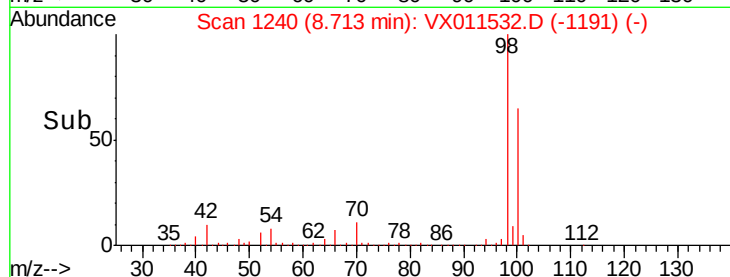
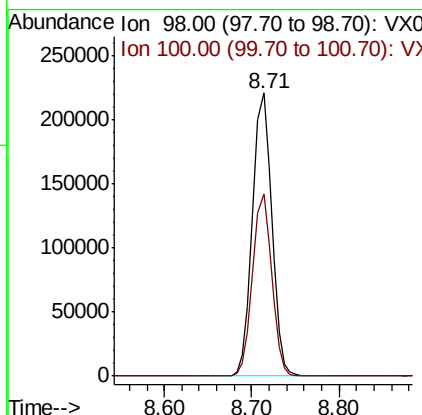
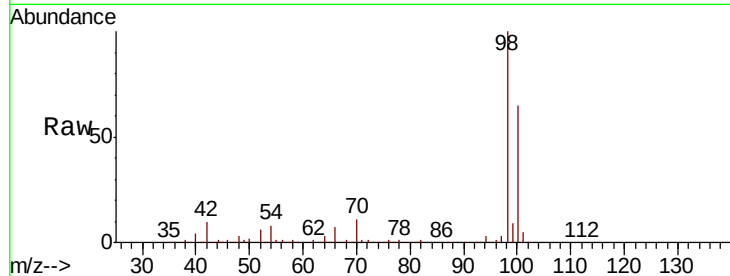




#50
Toluene-d8
Concen: 47.797 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011532.D
Acq: 13 Aug 2019 13:44

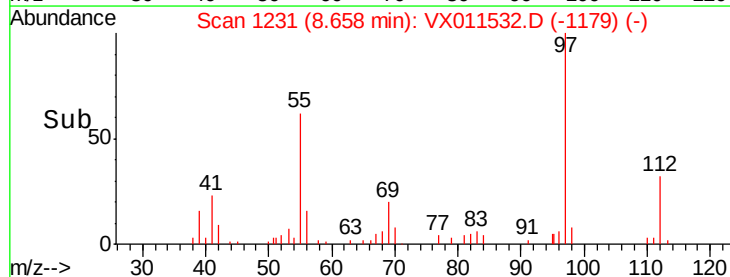
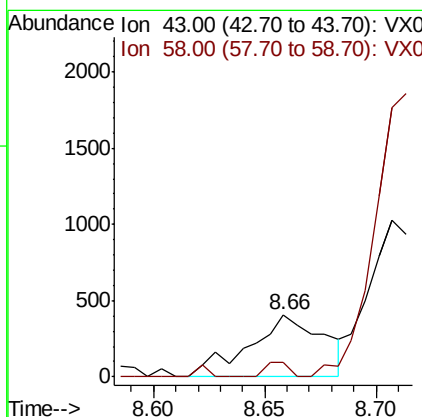
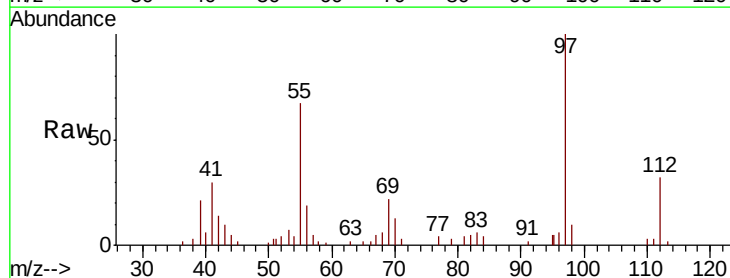
Instrument :
MSVOA_X
ClientSampleId :
Z3-0671DL

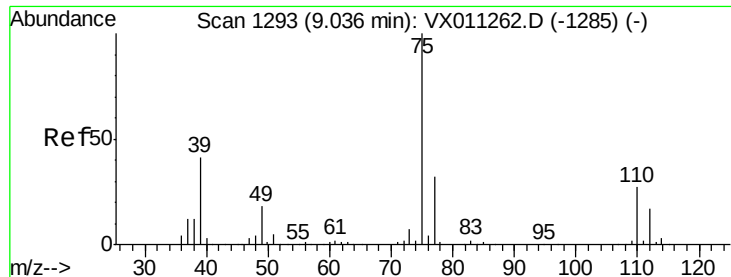
Tgt Ion: 98 Resp: 340301
Ion Ratio Lower Upper
98 100
100 63.7 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.360 ug/l
RT: 8.66 min Scan# 1231
Delta R.T. 0.02 min
Lab File: VX011532.D
Acq: 13 Aug 2019 13:44

Tgt Ion: 43 Resp: 940
Ion Ratio Lower Upper
43 100
58 0.0 32.3 48.5#





#53

t-1,3-Dichloropropene

Concen: 2.845 ug/l

RT: 9.07 min Scan# 1299

Delta R.T. 0.04 min

Lab File: VX011532.D

Acq: 13 Aug 2019 13:44

Instrument :

MSVOA_X

ClientSampleId :

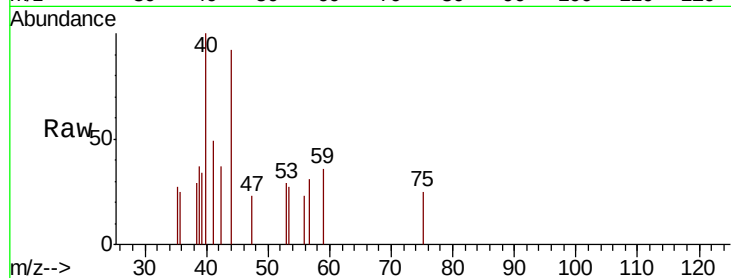
Z3-0671DL

Tgt Ion: 75 Resp: 20

Ion Ratio Lower Upper

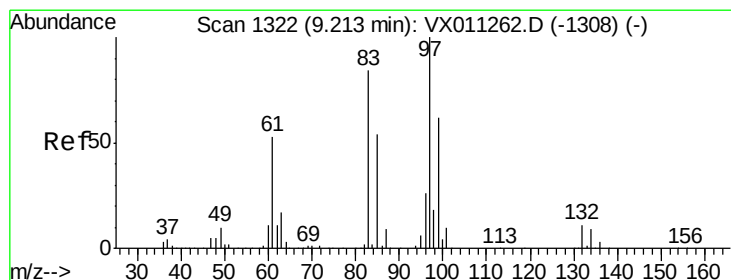
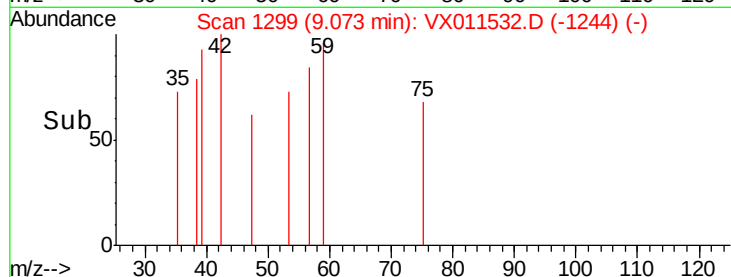
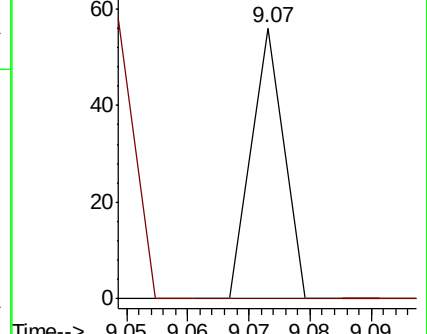
75 100

77 0.0 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#55

1,1,2-Trichloroethane

Concen: 1.253 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX011532.D

Acq: 13 Aug 2019 13:44

Tgt Ion: 97 Resp: 2564

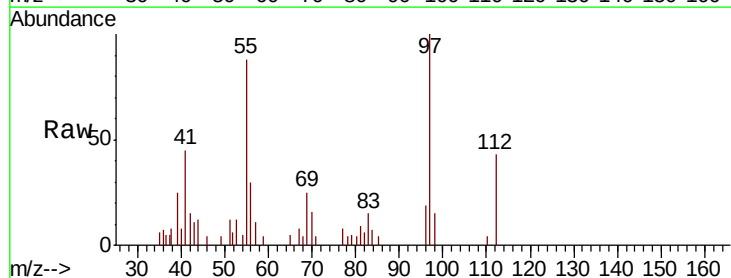
Ion Ratio Lower Upper

97 100

83 15.3 67.6 101.4#

85 3.6 43.4 65.0#

99 0.0 49.6 74.4#

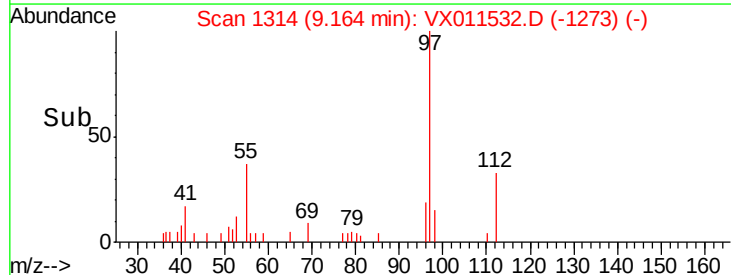
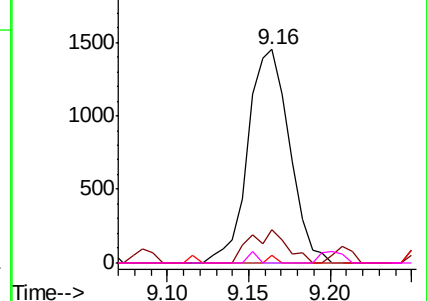


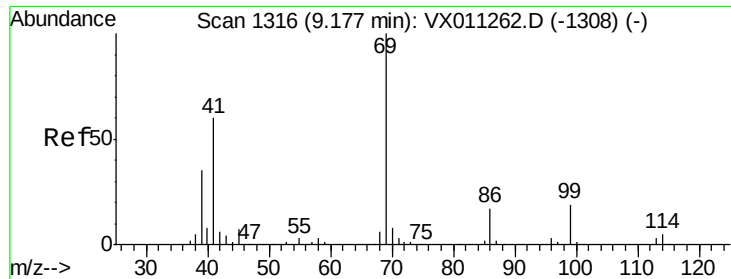
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

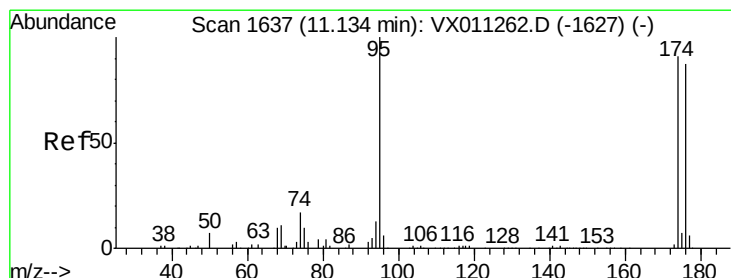
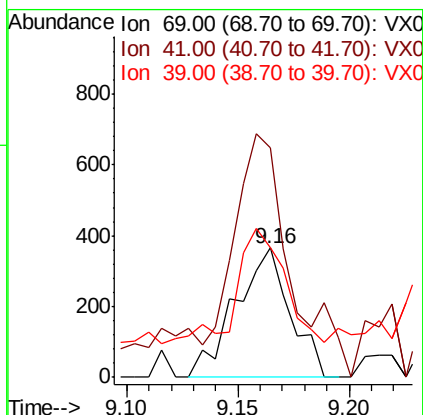
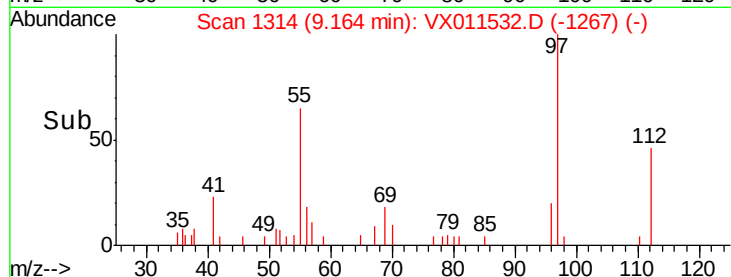
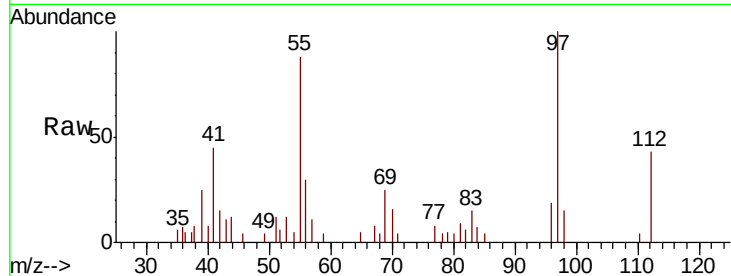




#56
Ethyl methacrylate
Concen: 0.213 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.01 min
Lab File: VX011532.D
Acq: 13 Aug 2019 13:44

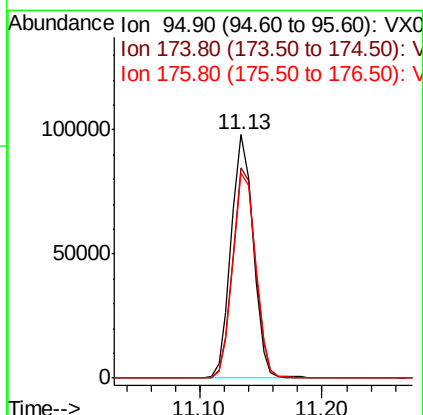
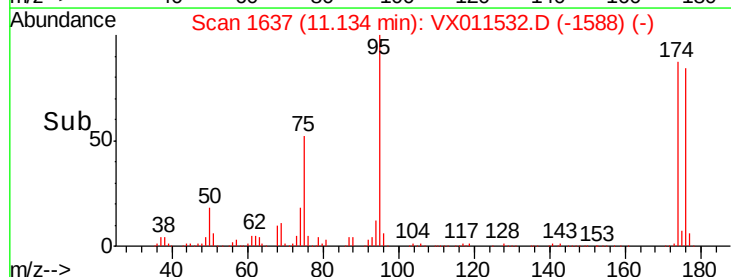
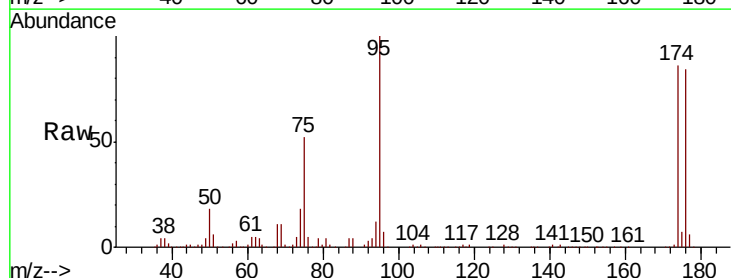
Instrument :
MSVOA_X
ClientSampled :
Z3-0671DL

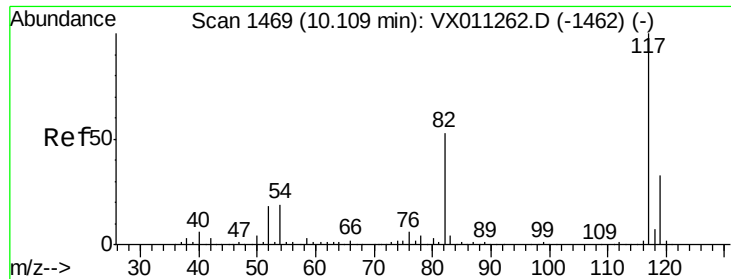
Tgt Ion: 69 Resp: 622
Ion Ratio Lower Upper
69 100
41 197.7 48.6 73.0#
39 88.3 29.4 44.2#



#62
4-Bromofluorobenzene
Concen: 48.070 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011532.D
Acq: 13 Aug 2019 13:44

Tgt Ion: 95 Resp: 122193
Ion Ratio Lower Upper
95 100
174 88.6 0.0 191.2
176 87.1 0.0 184.8

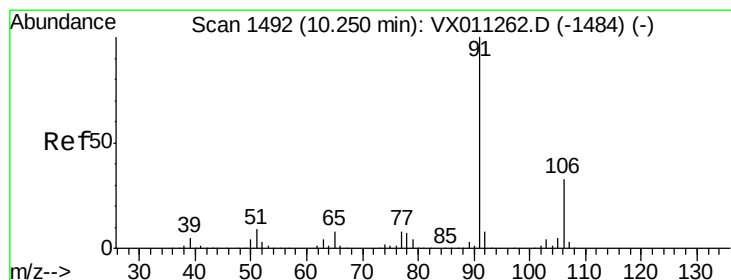
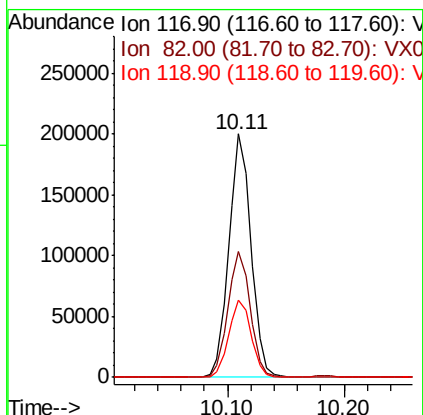
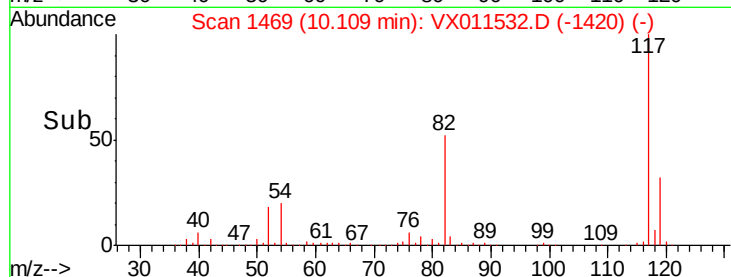
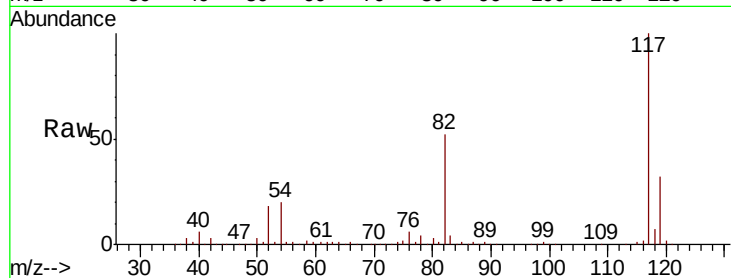




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011532.D
Acq: 13 Aug 2019 13:44

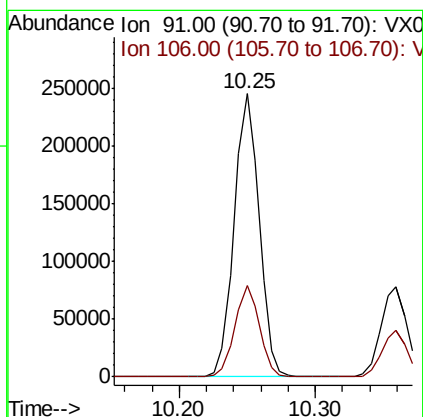
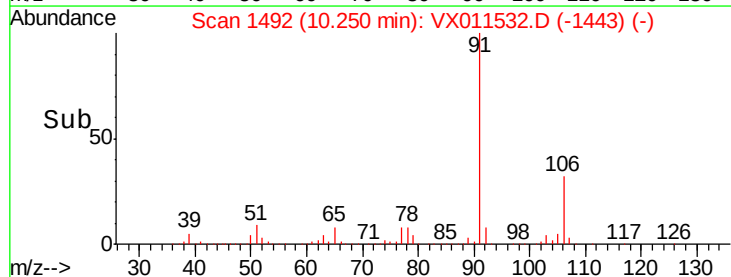
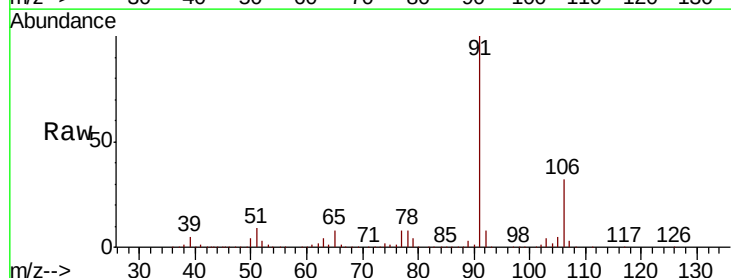
Instrument :
MSVOA_X
ClientSampleId :
Z3-0671DL

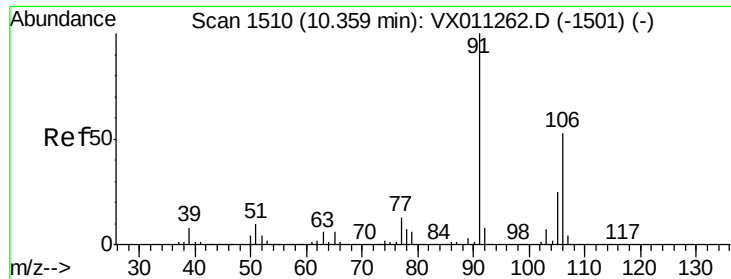
Tgt Ion: 117 Resp: 264581
Ion Ratio Lower Upper
117 100
82 51.5 42.2 63.2
119 31.7 26.6 39.8



#67
Ethyl Benzene
Concen: 33.115 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011532.D
Acq: 13 Aug 2019 13:44

Tgt Ion: 91 Resp: 314614
Ion Ratio Lower Upper
91 100
106 32.3 26.2 39.4

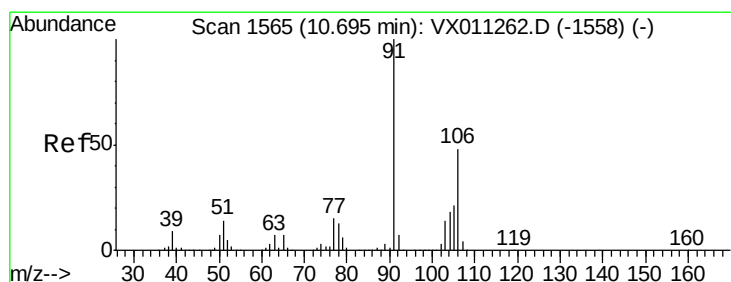
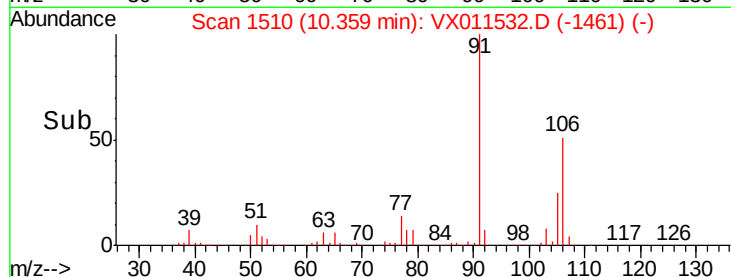
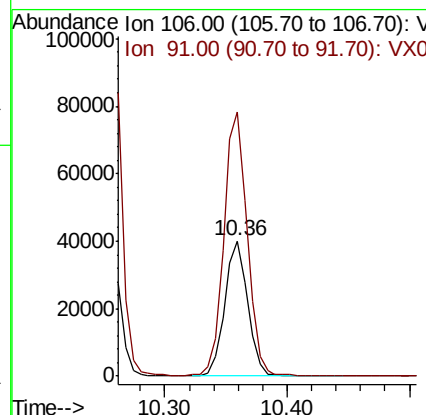
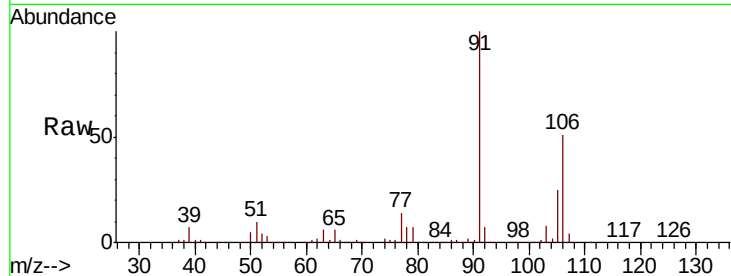




#68
m/p-Xylenes
Concen: 14.246 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX011532.D
Acq: 13 Aug 2019 13:44

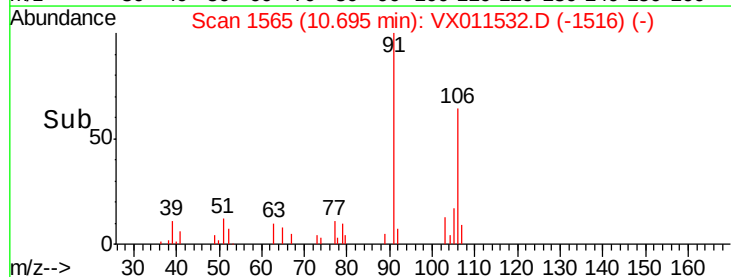
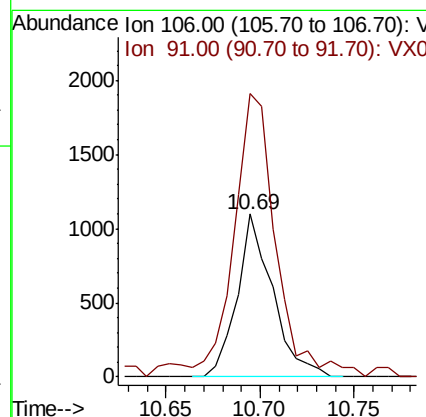
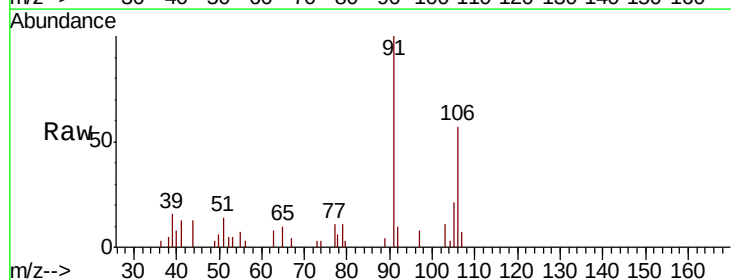
Instrument :
MSVOA_X
ClientSampled :
Z3-0671DL

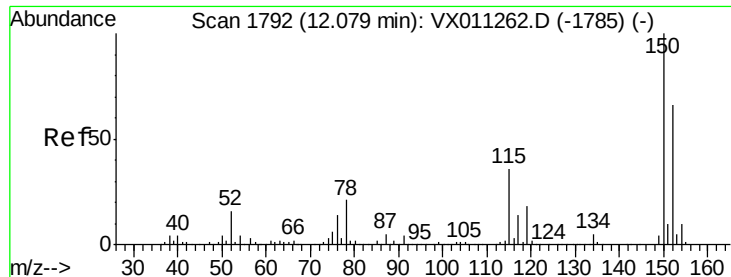
Tgt Ion:106 Resp: 52352
Ion Ratio Lower Upper
106 100
91 197.7 155.9 233.9



#69
o-Xylene
Concen: 0.397 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011532.D
Acq: 13 Aug 2019 13:44

Tgt Ion:106 Resp: 1433
Ion Ratio Lower Upper
106 100
91 203.7 103.8 311.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011532.D

Acq: 13 Aug 2019 13:44

Instrument :

MSVOA_X

ClientSampleId :

Z3-0671DL

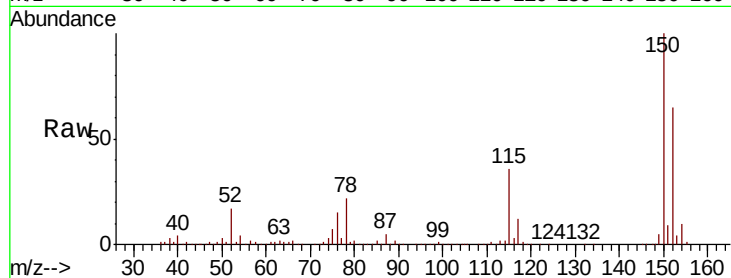
Tgt Ion:152 Resp: 135301

Ion Ratio Lower Upper

152 100

115 56.0 40.0 119.9

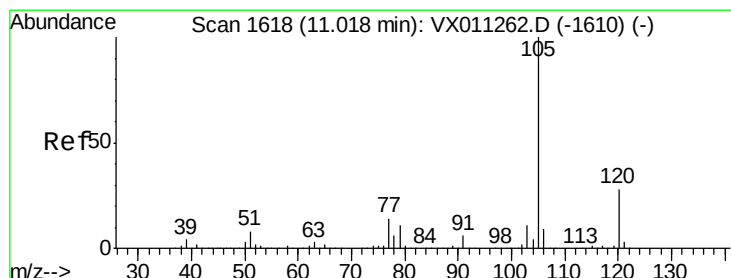
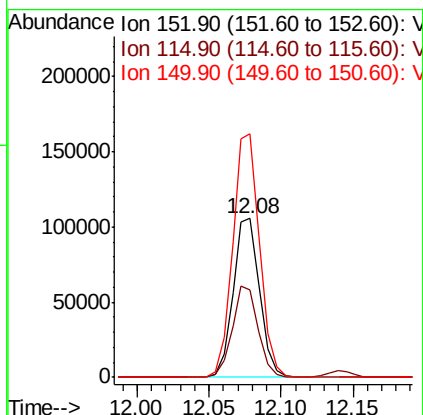
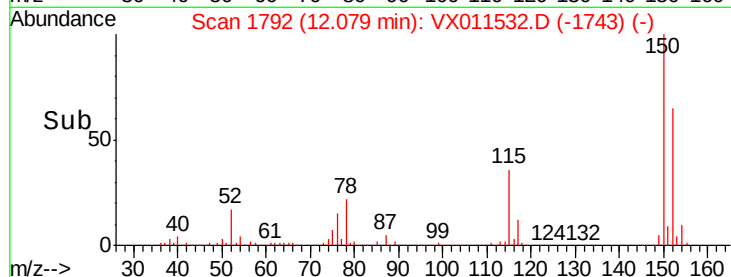
150 155.3 0.0 350.4



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: 2.561 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011532.D

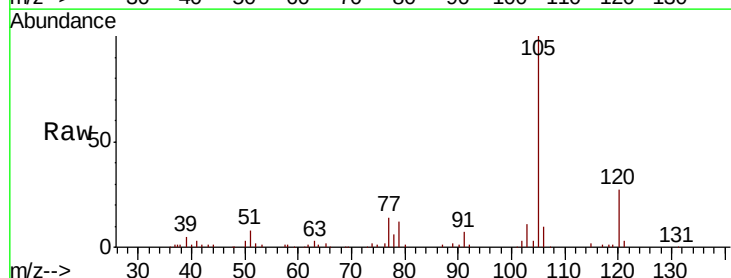
Acq: 13 Aug 2019 13:44

Tgt Ion:105 Resp: 23694

Ion Ratio Lower Upper

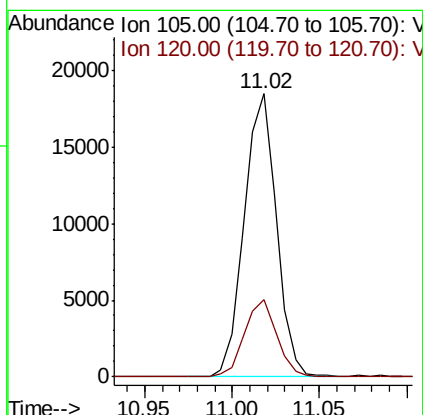
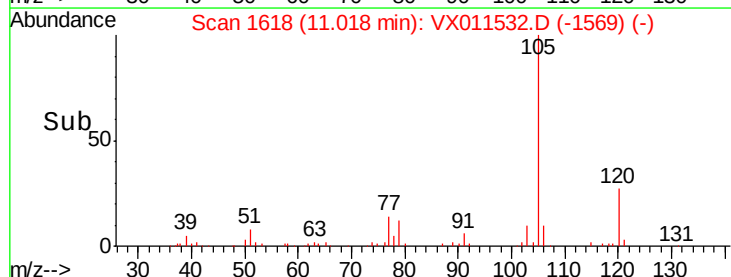
105 100

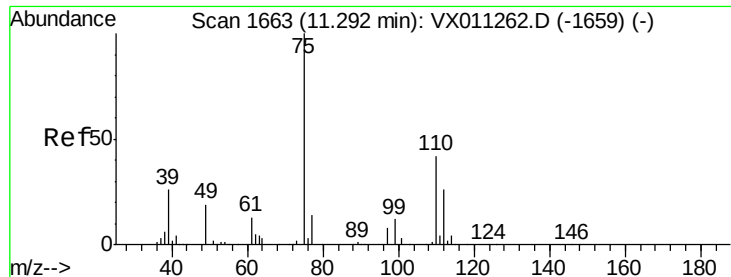
120 27.1 13.7 41.1



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: 25.201 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011532.D

Acq: 13 Aug 2019 13:44

Instrument :

MSVOA_X

ClientSampleId :

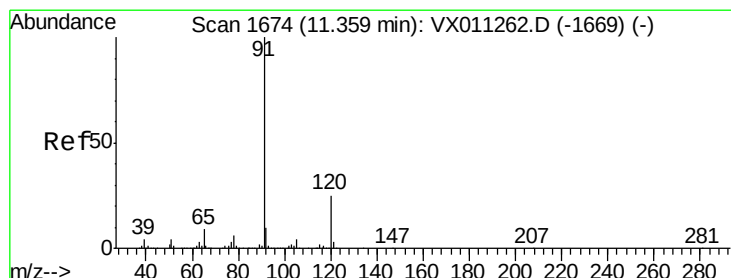
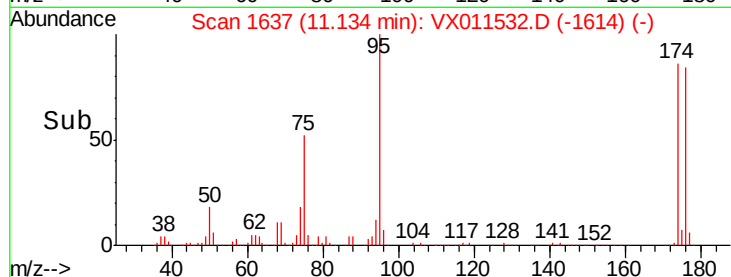
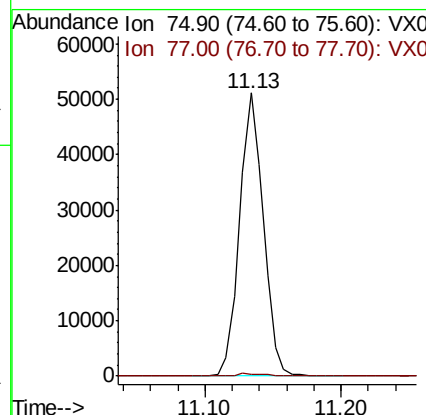
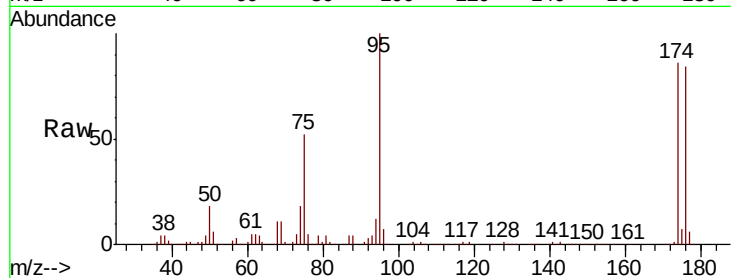
Z3-0671DL

Tgt Ion: 75 Resp: 62094

Ion Ratio Lower Upper

75 100

77 1.1 21.1 63.4#



#78

n-propylbenzene

Concen: 2.288 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011532.D

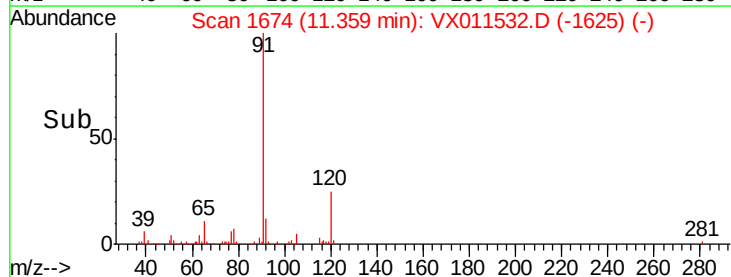
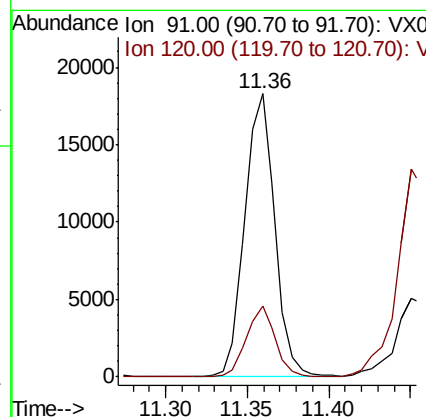
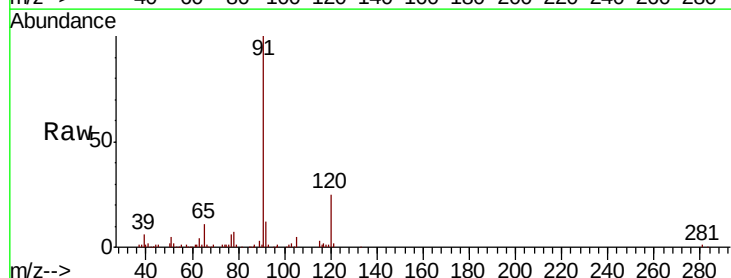
Acq: 13 Aug 2019 13:44

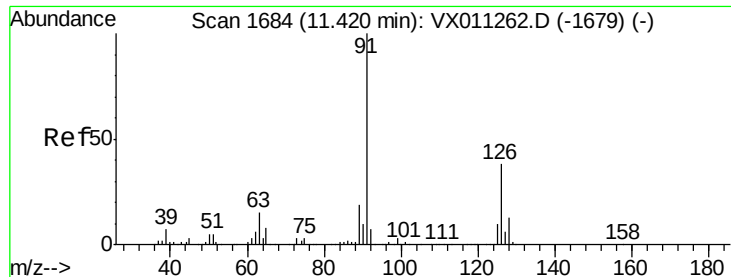
Tgt Ion: 91 Resp: 23550

Ion Ratio Lower Upper

91 100

120 24.1 12.4 37.0

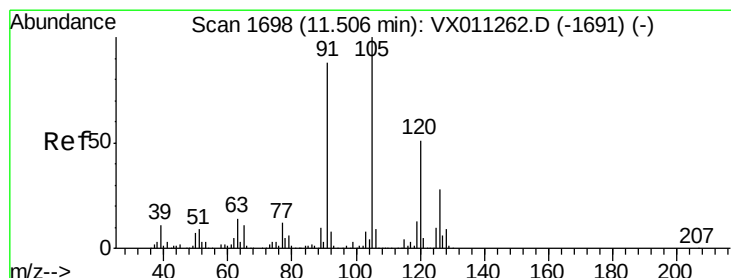
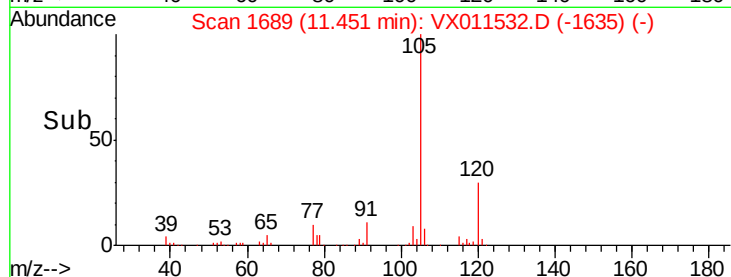
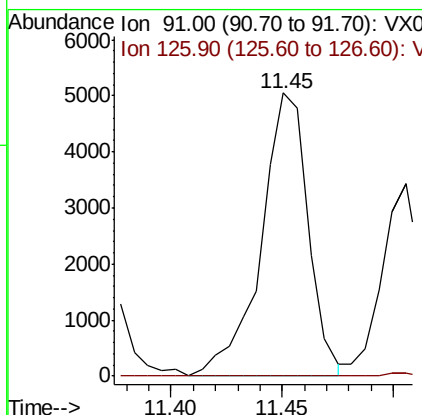
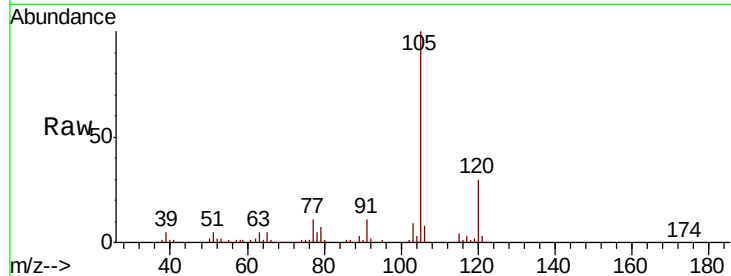




#79
 2-Chlorotoluene
 Concen: 1.208 ug/l
 RT: 11.45 min Scan# 1689
 Delta R.T. 0.03 min
 Lab File: VX011532.D
 Acq: 13 Aug 2019 13:44

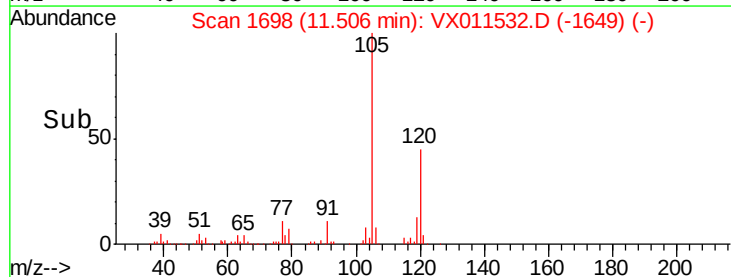
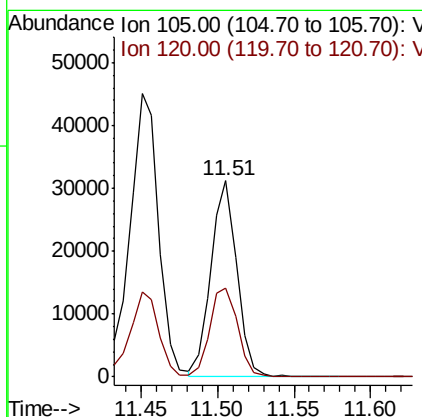
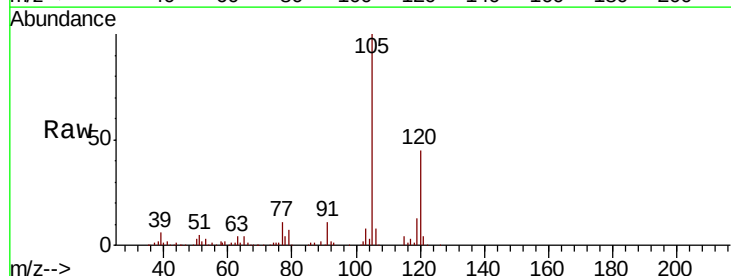
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0671DL

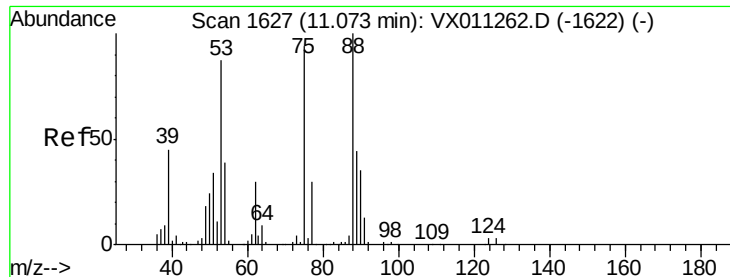
Tgt Ion: 91 Resp: 7410
 Ion Ratio Lower Upper
 91 100
 126 0.0 18.5 55.5#



#80
 1,3,5-Trimethylbenzene
 Concen: 4.796 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011532.D
 Acq: 13 Aug 2019 13:44

Tgt Ion: 105 Resp: 37148
 Ion Ratio Lower Upper
 105 100
 120 48.7 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 65.727 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011532.D

Acq: 13 Aug 2019 13:44

Instrument :

MSVOA_X

ClientSampleId :

Z3-0671DL

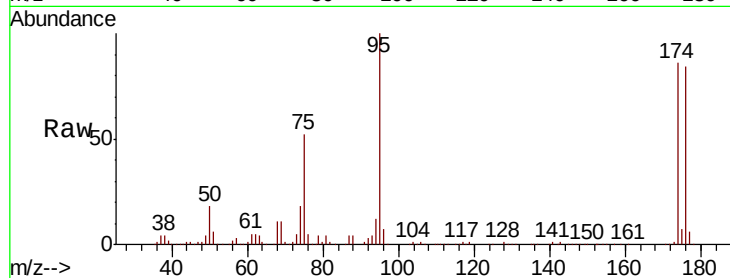
Tgt Ion: 75 Resp: 62094

Ion Ratio Lower Upper

75 100

53 0.1 78.2 117.4#

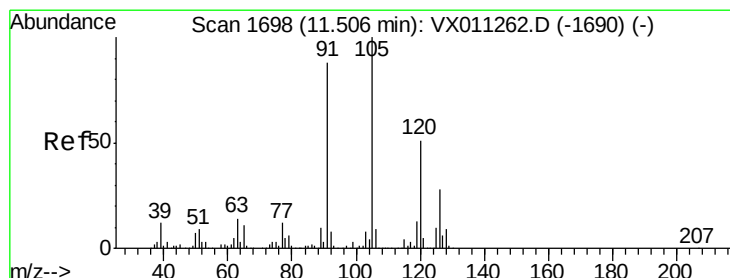
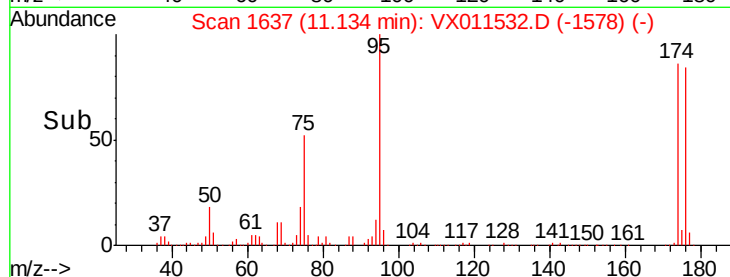
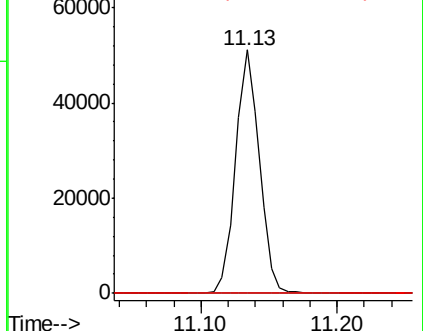
89 0.0 37.9 56.9#



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: 0.599 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011532.D

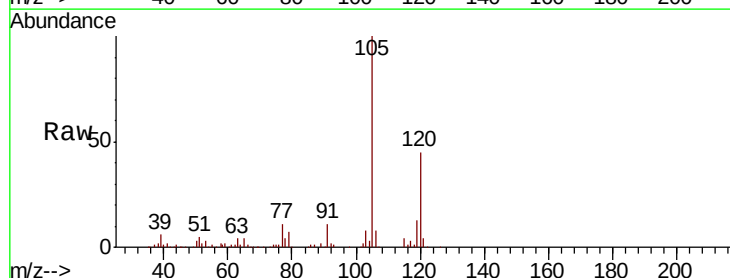
Acq: 13 Aug 2019 13:44

Tgt Ion: 91 Resp: 4283

Ion Ratio Lower Upper

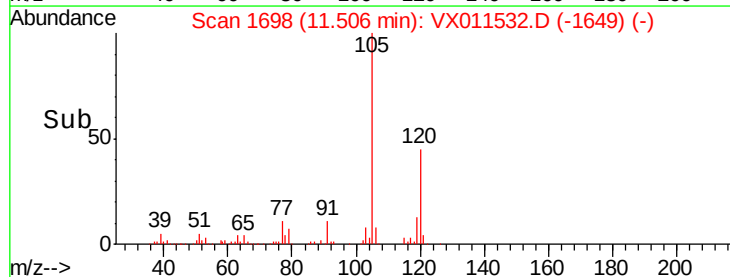
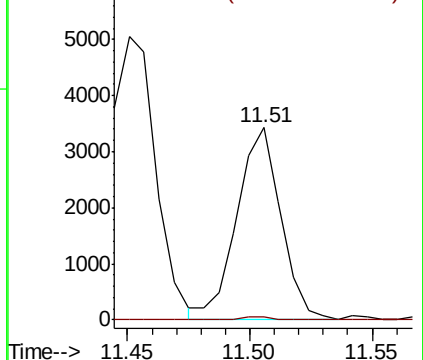
91 100

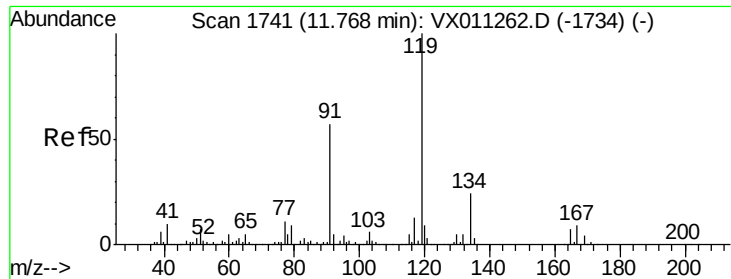
126 0.9 16.4 49.2#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

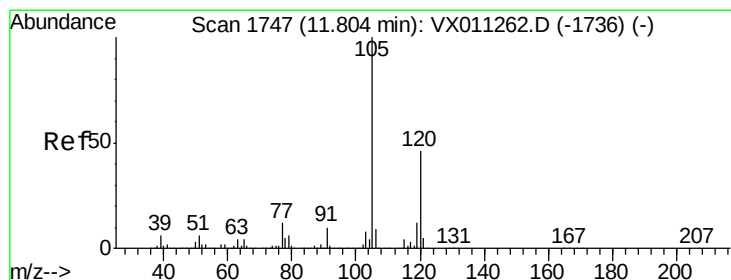
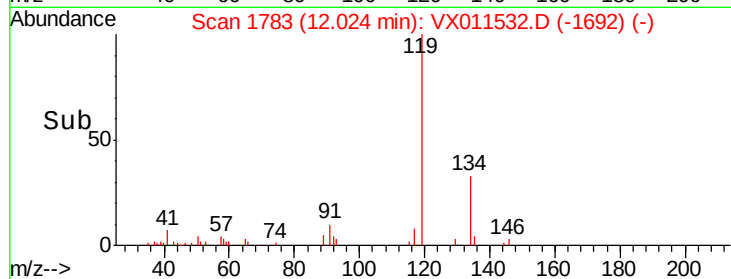
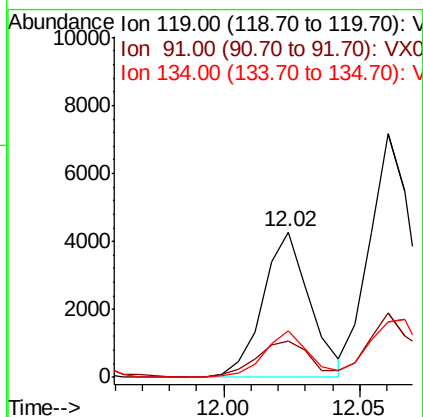
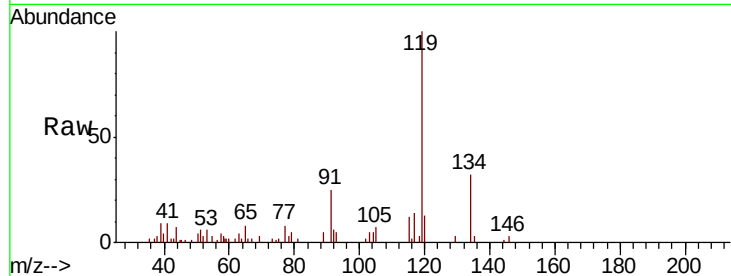




#83
 tert-Butylbenzene
 Concen: 0.673 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.26 min
 Lab File: VX011532.D
 Acq: 13 Aug 2019 13:44

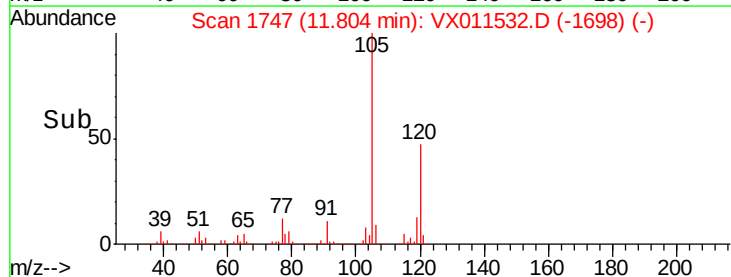
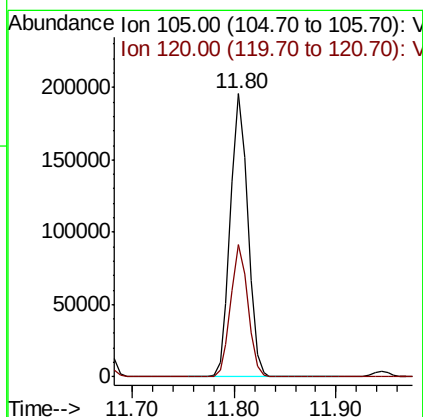
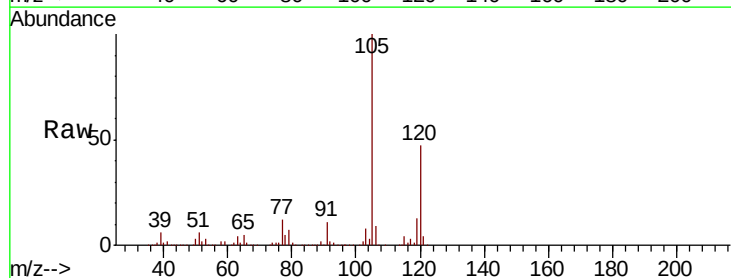
Instrument :
 MSVOA_X
 ClientSampled :
 Z3-0671DL

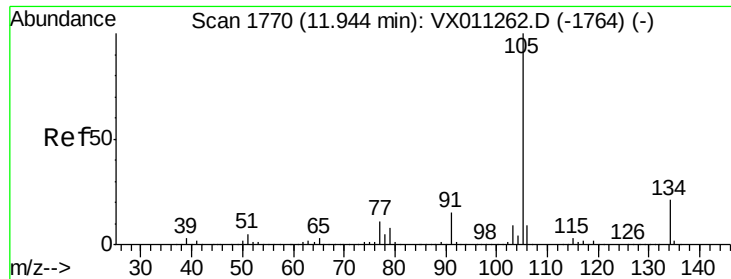
Tgt Ion:119 Resp: 5114
 Ion Ratio Lower Upper
 119 100
 91 29.0 28.0 84.0
 134 30.3 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 29.918 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011532.D
 Acq: 13 Aug 2019 13:44

Tgt Ion:105 Resp: 230741
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.0 69.0

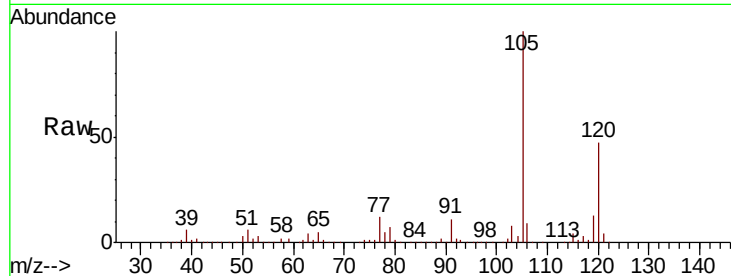




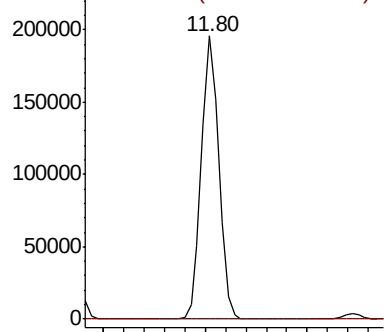
#85
 sec-Butylbenzene
 Concen: 25.261 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.14 min
 Lab File: VX011532.D
 Acq: 13 Aug 2019 13:44

Instrument :
 MSVOA_X
 ClientSampled :
 Z3-0671DL

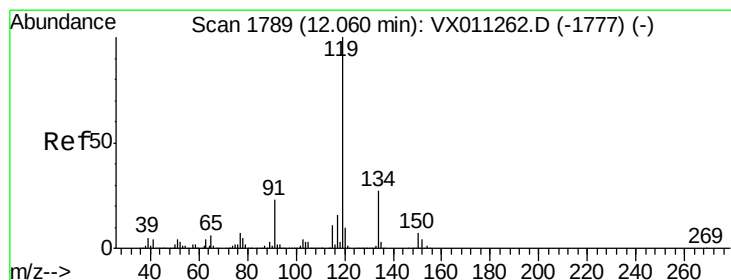
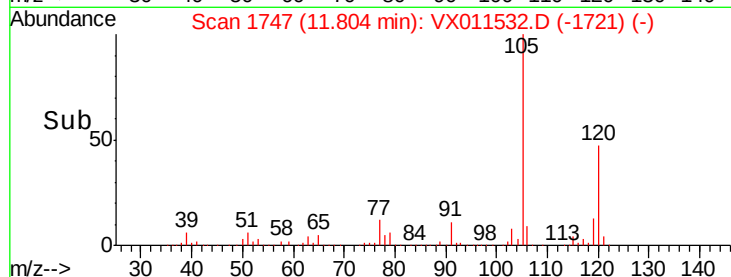
Tgt Ion:105 Resp: 230579
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.4#



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

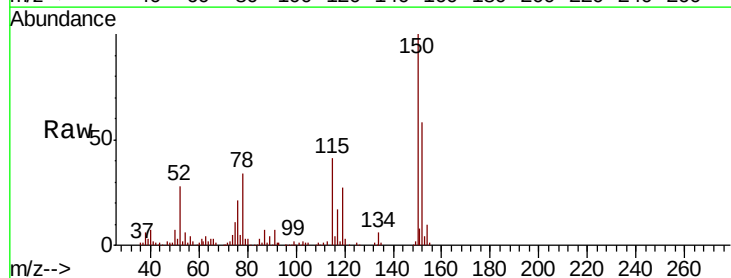


Time-->

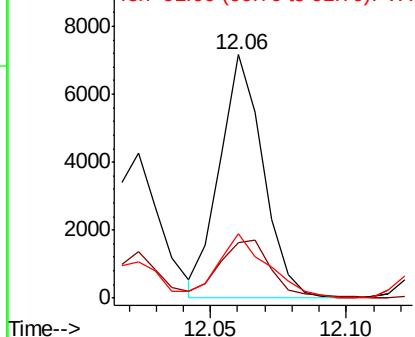


#86
 p-Isopropyltoluene
 Concen: 0.945 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX011532.D
 Acq: 13 Aug 2019 13:44

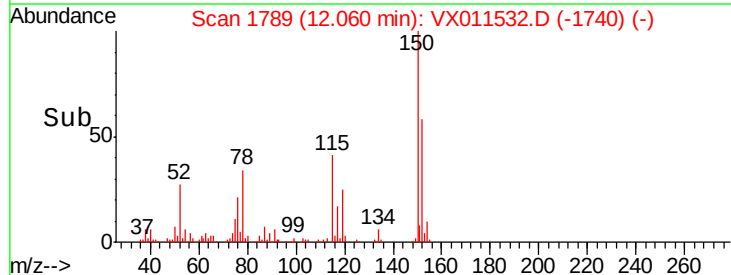
Tgt Ion:119 Resp: 7933
 Ion Ratio Lower Upper
 119 100
 134 28.9 13.7 41.0
 91 29.5 11.4 34.2

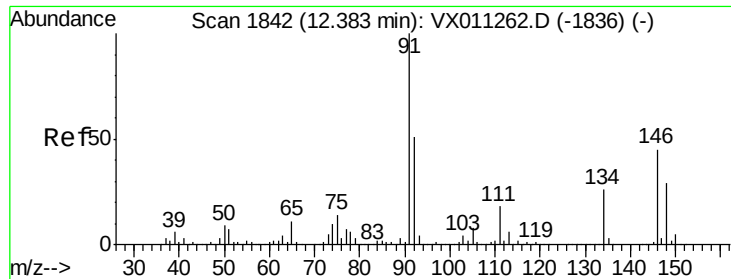


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): VX0



Time-->

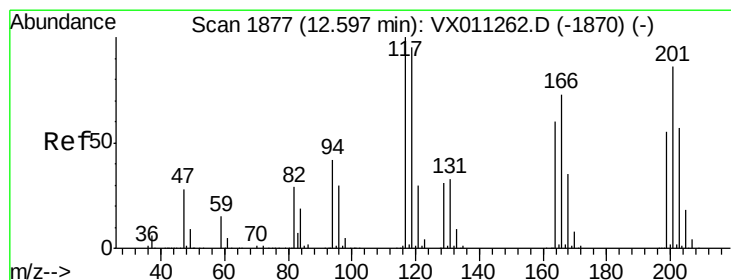
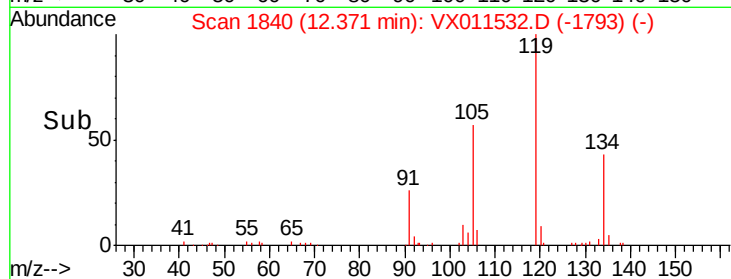
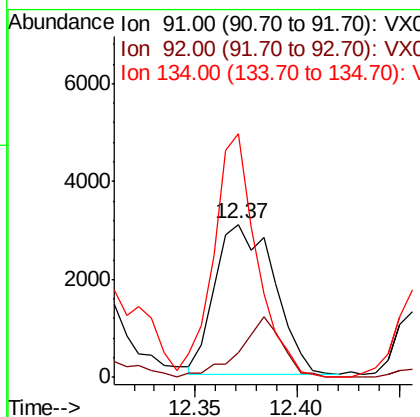
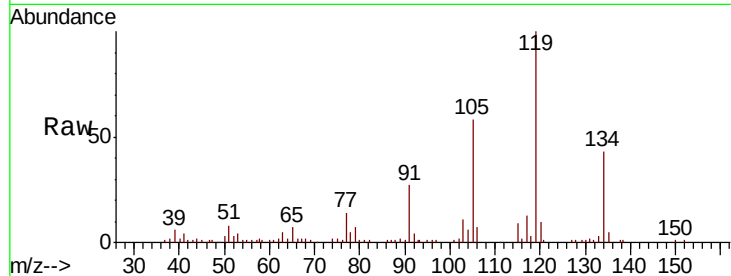




#89
n-Butylbenzene
Concen: 0.857 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX011532.D
Acq: 13 Aug 2019 13:44

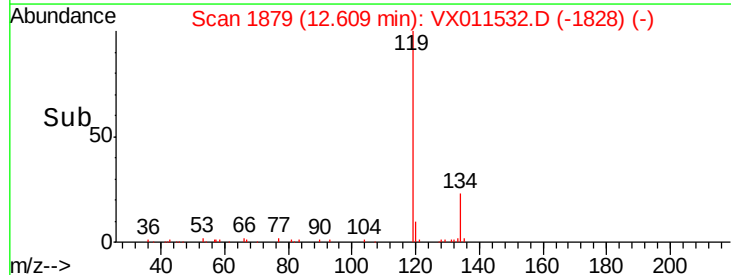
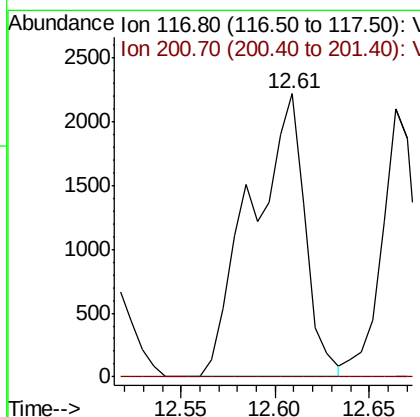
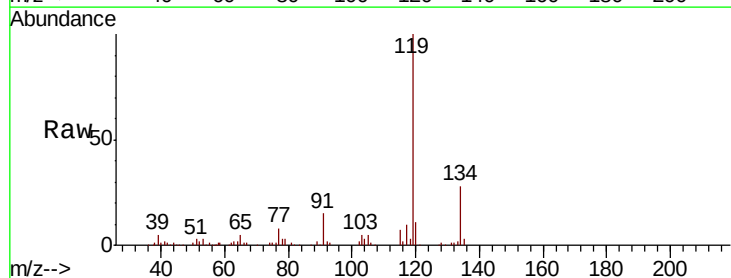
Instrument :
MSVOA_X
ClientSampleId :
Z3-0671DL

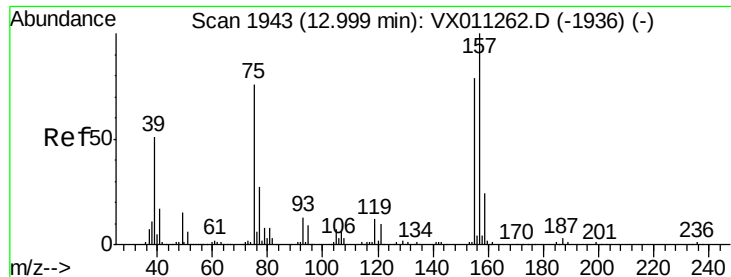
Tgt Ion: 91 Resp: 6198
Ion Ratio Lower Upper
91 100
92 28.9 25.8 77.3
134 118.0 13.7 41.0#



#90
Hexachloroethane
Concen: 3.537 ug/l
RT: 12.61 min Scan# 1879
Delta R.T. 0.01 min
Lab File: VX011532.D
Acq: 13 Aug 2019 13:44

Tgt Ion: 117 Resp: 4391
Ion Ratio Lower Upper
117 100
201 0.0 41.8 125.4#

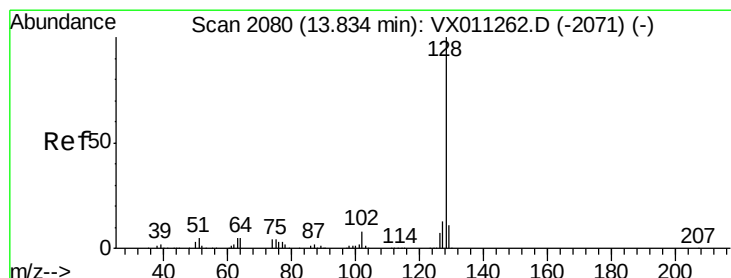
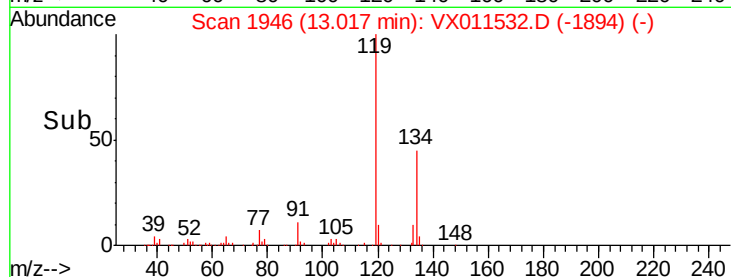
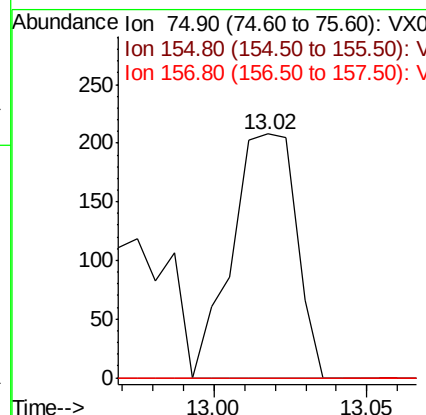
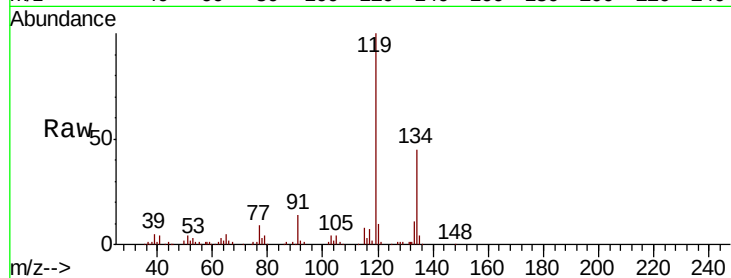




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.507 ug/l
 RT: 13.02 min Scan# 1946
 Delta R.T. 0.02 min
 Lab File: VX011532.D
 Acq: 13 Aug 2019 13:44

Instrument :
 MSVOA_X
 ClientSampled :
 Z3-0671DL

Tgt Ion: 75 Resp: 303
 Ion Ratio Lower Upper
 75 100
 155 0.0 51.9 155.8#
 157 0.0 64.3 192.7#



#95
 Naphthalene
 Concen: 2.707 ug/l
 RT: 13.83 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX011532.D
 Acq: 13 Aug 2019 13:44

Tgt Ion: 128 Resp: 23914
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.4 15.6
 129 13.0 8.9 13.3

