

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
 Data File : VX004894.D
 Acq On : 02 Oct 2018 02:37
 Operator : JC/MD
 Sample : J5041-02DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0257DL

Quant Time: Oct 02 03:38:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	231337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	366033	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	358084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	209122	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	172159	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
35) Dibromofluoromethane	5.50	113	143654	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
50) Toluene-d8	8.72	98	537167	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
62) 4-Bromofluorobenzene	11.14	95	196768	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	

Target Compounds

					Qvalue	
5) Bromomethane	1.65	94	628	0.295	ug/l	84
6) Chloroethane	1.68	64	378	Below Cal	#	44
11) Tert butyl alcohol	3.02	59	7708	8.342	ug/l #	72
13) Acrolein	2.26	56	290	0.441	ug/l #	1
14) Allyl chloride	2.84	41	5624	1.028	ug/l #	68
15) Acrylonitrile	3.17	53	1666	0.819	ug/l #	61
16) Acetone	2.45	43	1381	0.716	ug/l #	79
20) Methylene Chloride	2.86	84	925	Below Cal	#	71
29) Tetrahydrofuran	5.16	42	737	0.417	ug/l #	56
31) Cyclohexane	5.58	56	96723	23.004	ug/l	93
36) 1,1-Dichloropropene	5.66	75	15071	3.561	ug/l #	51
38) Carbon Tetrachloride	5.67	117	20564	4.622	ug/l #	15
39) Methylcyclohexane	7.46	83	92588	21.423	ug/l	93
45) 1,2-Dichloropropane	7.46	63	1432	0.441	ug/l #	1
48) Methyl methacrylate	7.74	41	4153	1.128	ug/l #	58
51) 4-Methyl-2-Pentanone	8.66	43	1243	0.243	ug/l #	34
52) Toluene	8.79	92	1599	0.220	ug/l	90
56) Ethyl methacrylate	9.16	69	1176	3.076	ug/l #	13
58) 2-Chloroethyl Vinyl ether	8.38	63	42	14.257	ug/l #	45
67) Ethyl Benzene	10.26	91	22298	1.530	ug/l	99
68) m/p-Xylenes	10.36	106	3012	0.529	ug/l	92
70) Styrene	10.71	104	121	2.152	ug/l #	35
73) Isopropylbenzene	11.02	105	45621	3.461	ug/l	99
74) N-amyl acetate	10.91	43	217	1.777	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	97015	20.698	ug/l #	37
78) n-propylbenzene	11.36	91	71670	4.739	ug/l	98
79) 2-Chlorotoluene	11.36	91	71670	7.603	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	97015	56.195	ug/l #	10
82) 4-Chlorotoluene	11.36	91	71670	6.459	ug/l #	44
83) tert-Butylbenzene	11.81	119	44658	4.115	ug/l #	58
84) 1,2,4-Trimethylbenzene	11.81	105	347601	27.812	ug/l	98
85) sec-Butylbenzene	11.81	105	347601	26.296	ug/l #	56
86) p-Isopropyltoluene	12.07	119	6160	0.514	ug/l	85
89) n-Butylbenzene	12.39	91	5353	0.492	ug/l #	76

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QLast Update : Wed Sep 26 14:17:02 2018
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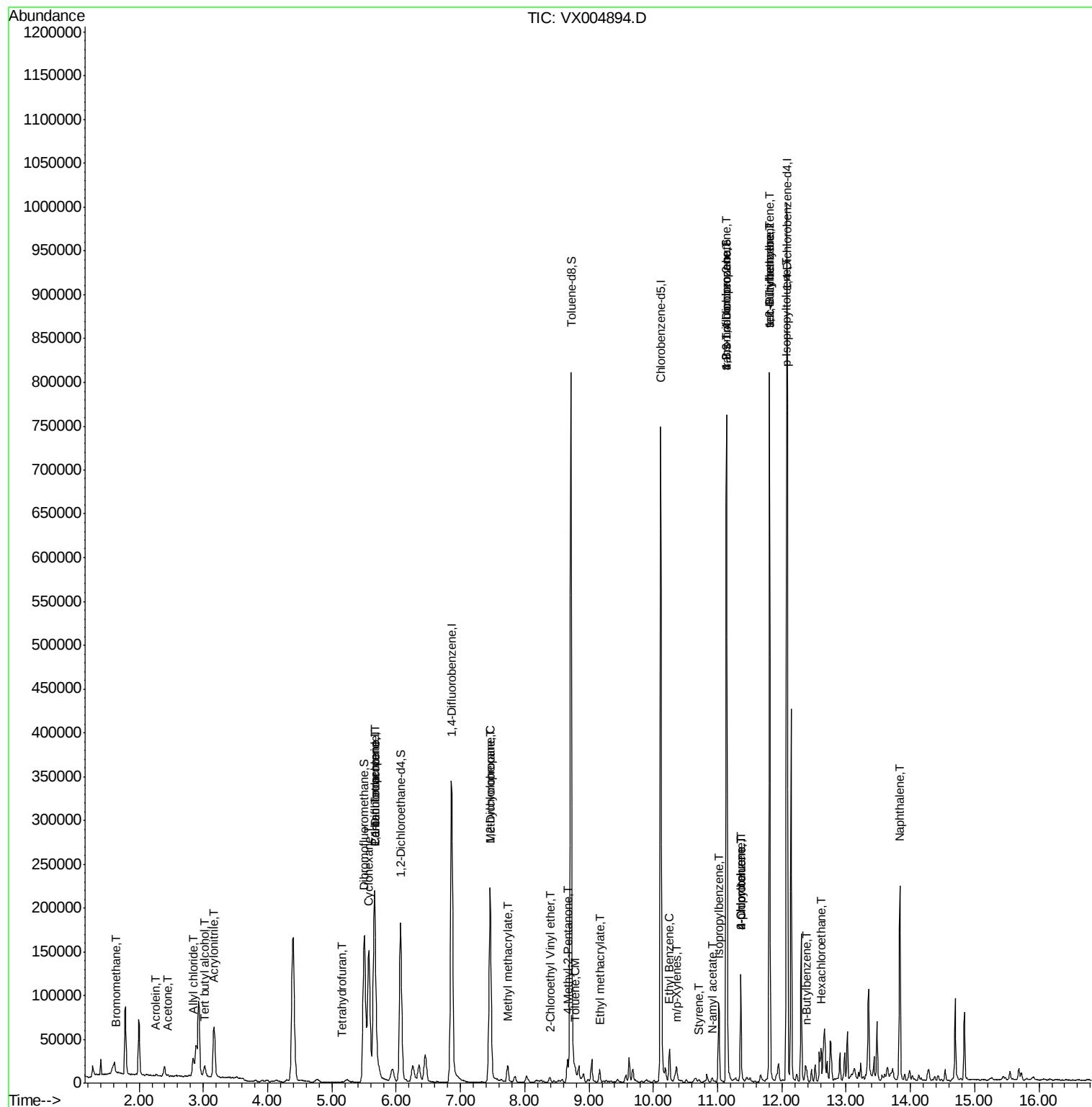
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.61	117	1697	0.851	ug/l #	3
95) Naphthalene	13.83	128	135214	8.381	ug/l	98

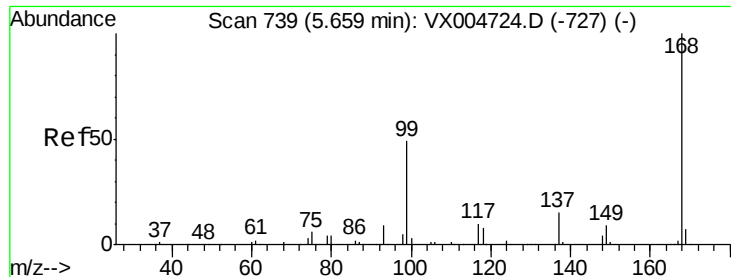
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004894.D

Acq: 02 Oct 2018 02:37

Instrument :

MSVOA_X

ClientSampled :

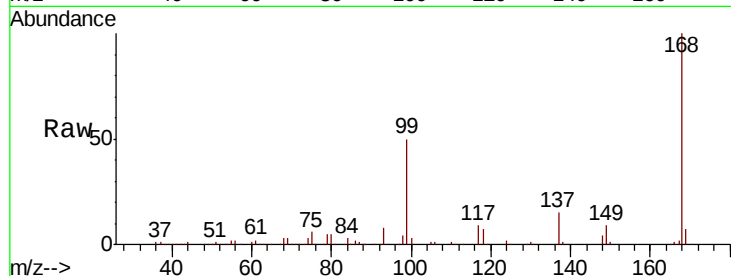
S13-0257DL

Tot Ion:168 Resp: 231337

Ion Ratio Lower Upper

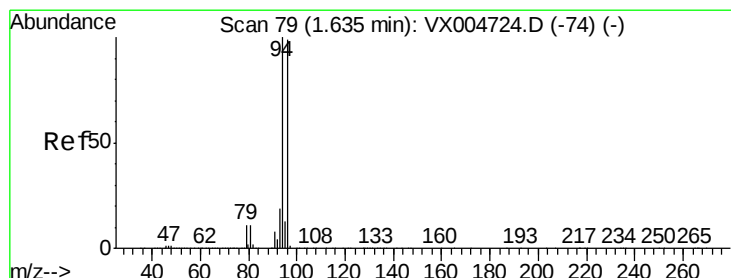
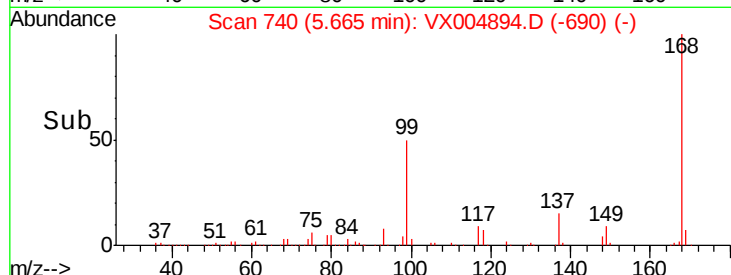
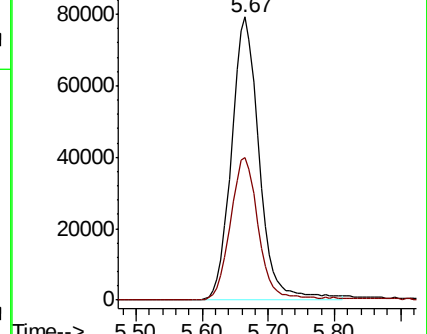
168 100

99 50.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.295 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX004894.D

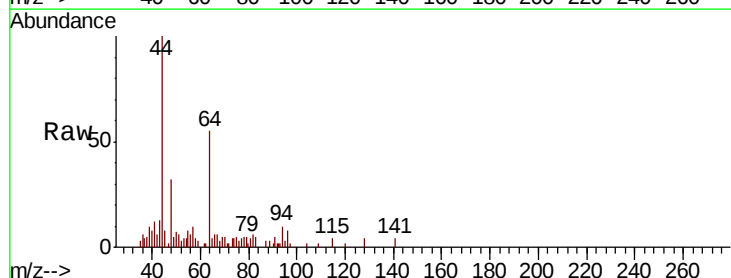
Acq: 02 Oct 2018 02:37

Tgt Ion: 94 Resp: 628

Ion Ratio Lower Upper

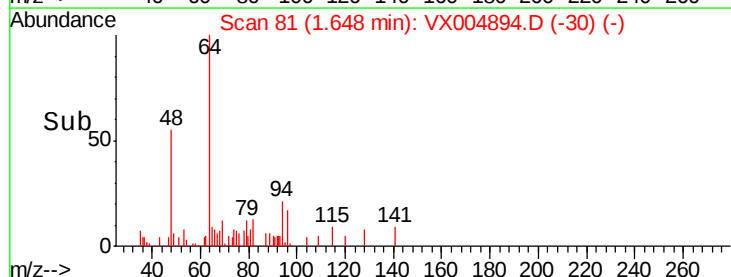
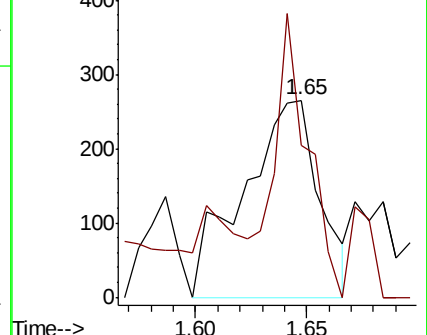
94 100

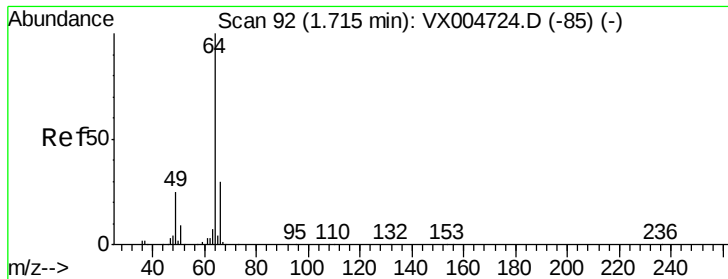
96 77.4 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.68 min Scan# 86

Delta R.T. -0.04 min

Lab File: VX004894.D

Acq: 02 Oct 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

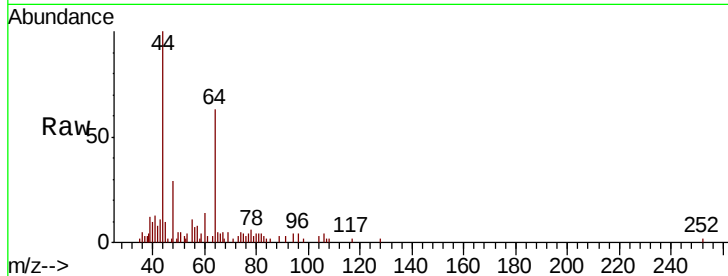
S13-0257DL

Tot Ion: 64 Resp: 378

Ion Ratio Lower Upper

64 100

66 0.0 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.68

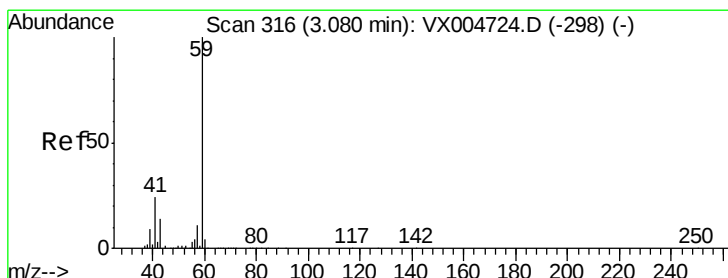
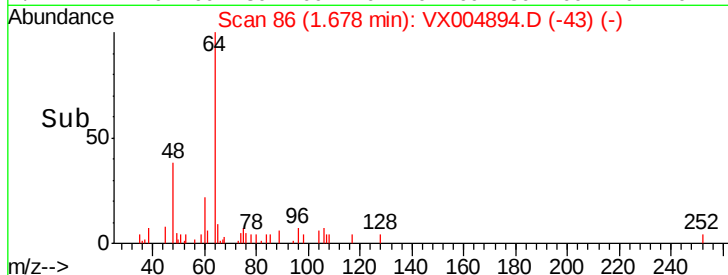
1500

1000

500

0

Time-->



#11

Tert butyl alcohol

Concen: 8.342 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.06 min

Lab File: VX004894.D

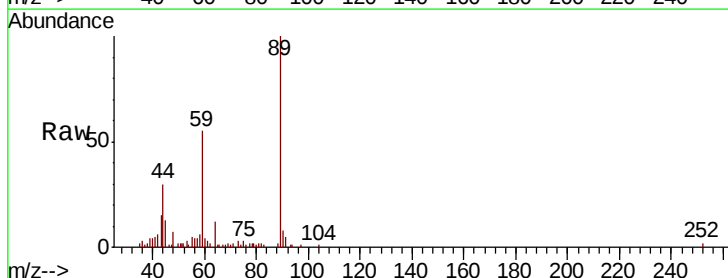
Acq: 02 Oct 2018 02:37

Tgt Ion: 59 Resp: 7708

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

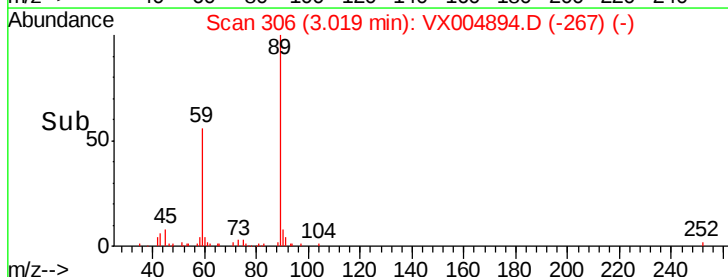
15000

10000

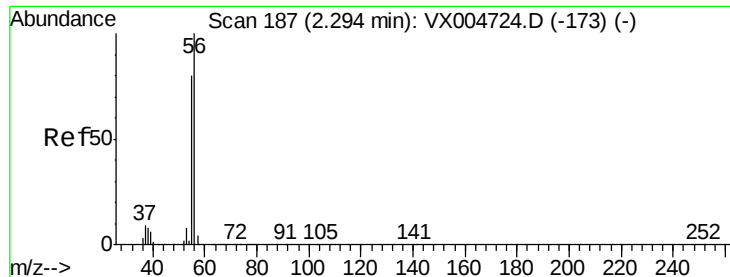
5000

0

Time-->



3.02



#13

Acrolein

Concen: 0.441 ug/l

RT: 2.26 min Scan# 181

Delta R.T. -0.04 min

Lab File: VX004894.D

Acq: 02 Oct 2018 02:37

Instrument :

MSVOA_X

ClientSampleID :

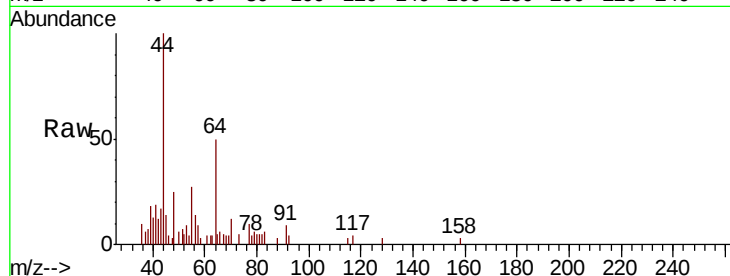
S13-0257DL

Tot Ion: 56 Resp: 290

Ion Ratio Lower Upper

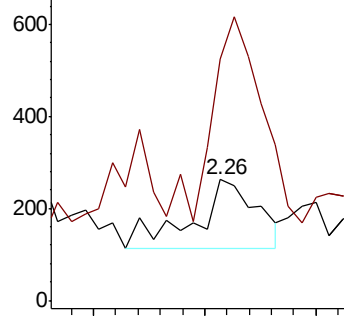
56 100

55 240.0 54.7 82.1#

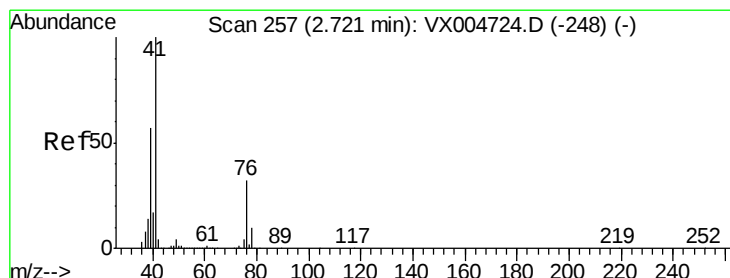
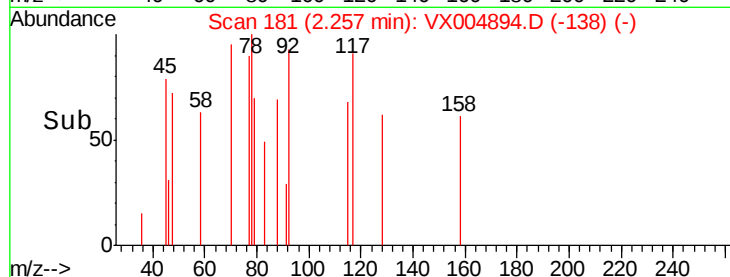


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#14

Allyl chloride

Concen: 1.028 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.12 min

Lab File: VX004894.D

Acq: 02 Oct 2018 02:37

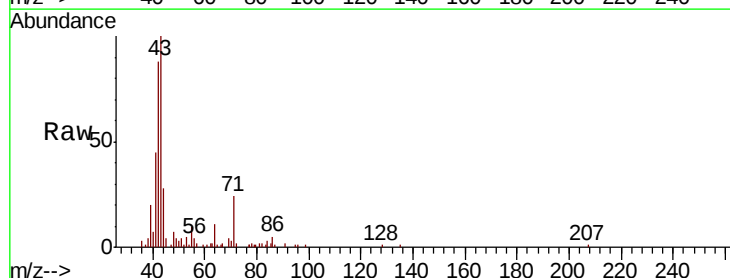
Tgt Ion: 41 Resp: 5624

Ion Ratio Lower Upper

41 100

39 47.2 48.9 73.3#

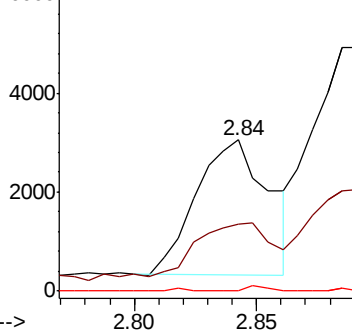
76 1.0 26.7 40.1#



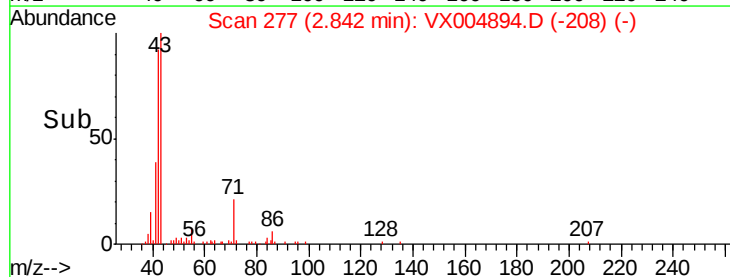
Abundance Ion 41.00 (40.70 to 41.70): VX0

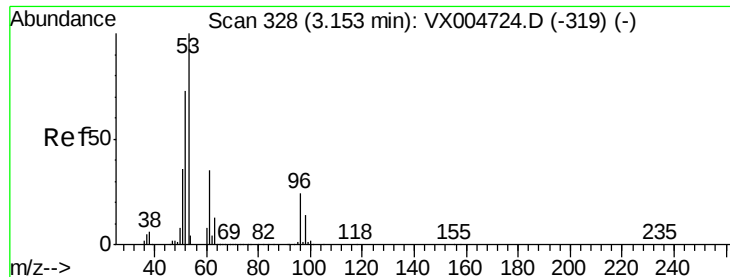
Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



Time-->





#15

Acrylonitrile

Concen: 0.819 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.02 min

Lab File: VX004894.D

Acq: 02 Oct 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

S13-0257DL

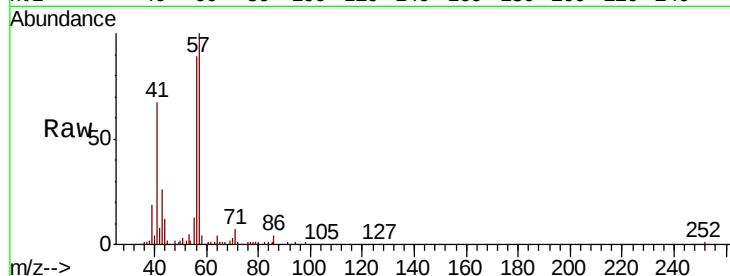
Tot Ion: 53 Resp: 1666

Ion Ratio Lower Upper

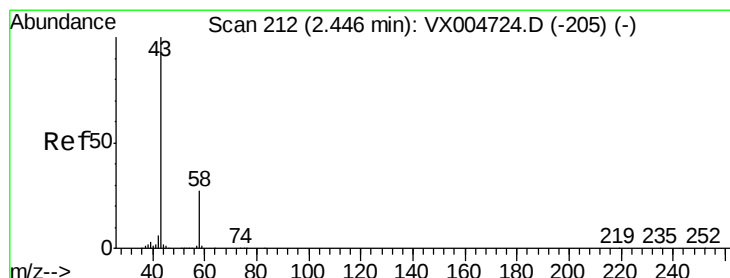
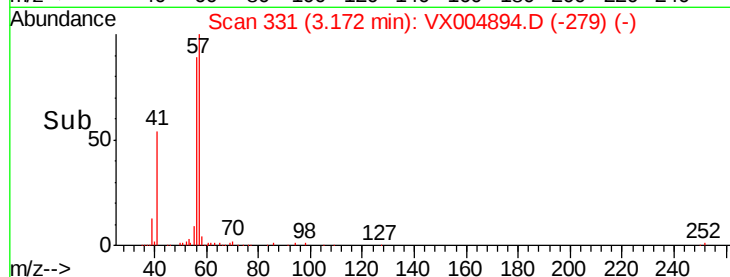
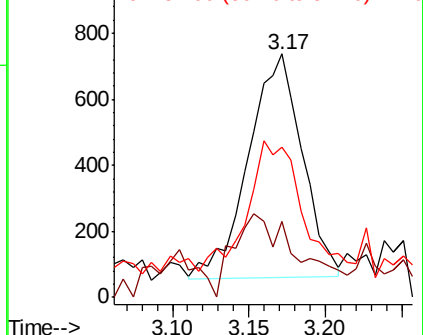
53 100

52 46.0 65.2 97.8#

51 57.6 28.2 42.2#



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: 0.716 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX004894.D

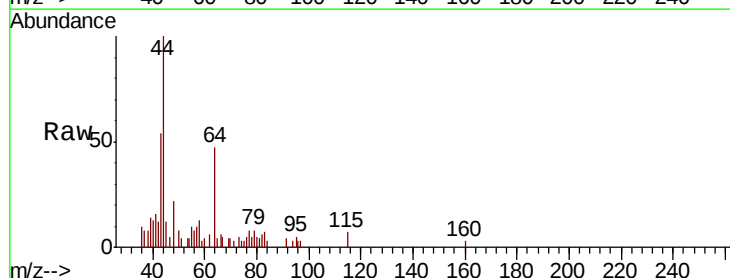
Acq: 02 Oct 2018 02:37

Tgt Ion: 43 Resp: 1381

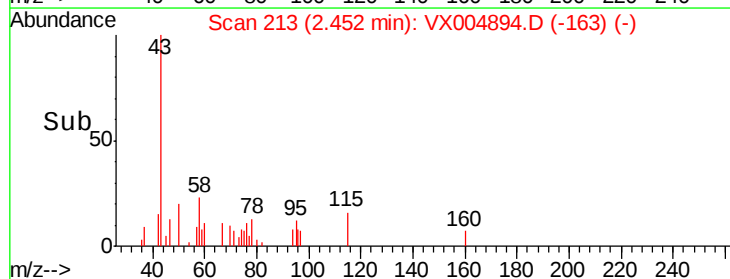
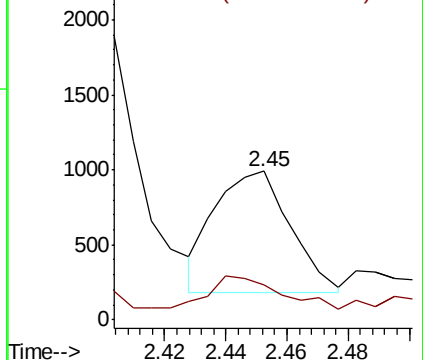
Ion Ratio Lower Upper

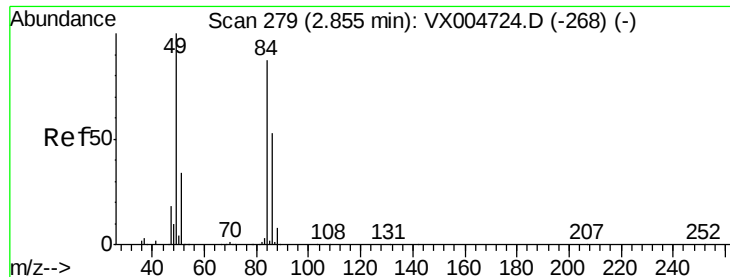
43 100

58 20.9 26.2 39.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: Below Cal

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX004894.D

Acq: 02 Oct 2018 02:37

Instrument :

MSVOA_X

ClientSampleID :

S13-0257DL

Tot Ion: 84 Resp: 925

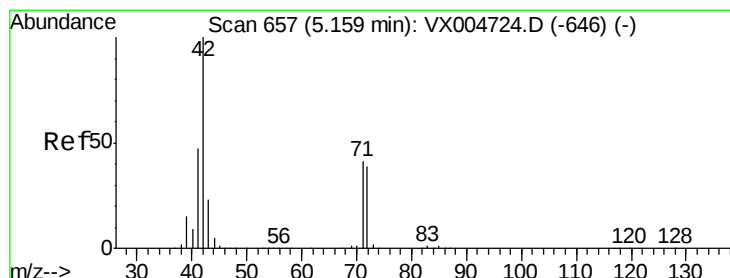
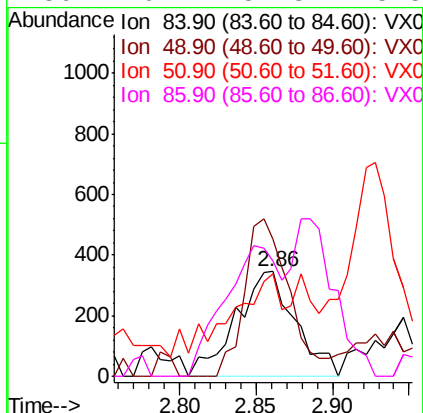
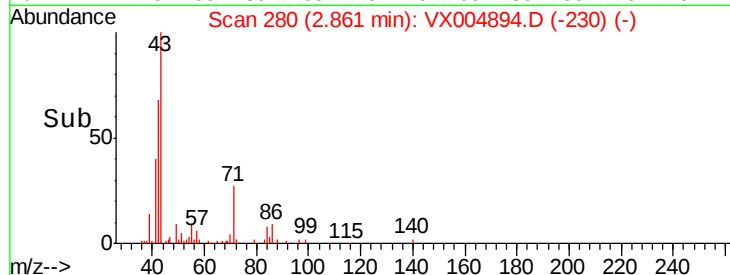
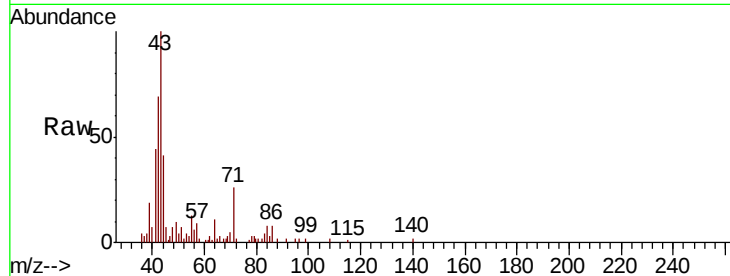
Ion Ratio Lower Upper

84 100

49 131.3 101.2 151.8

51 75.9 29.5 44.3#

86 110.1 52.3 78.5#



#29

Tetrahydrofuran

Concen: 0.417 ug/l

RT: 5.16 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX004894.D

Acq: 02 Oct 2018 02:37

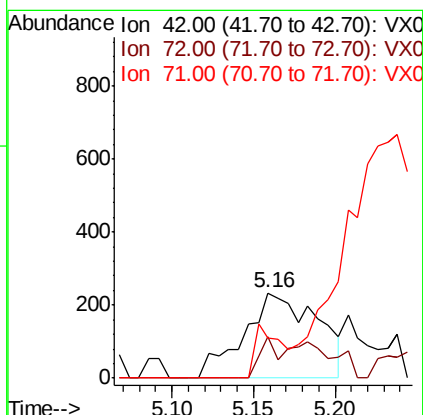
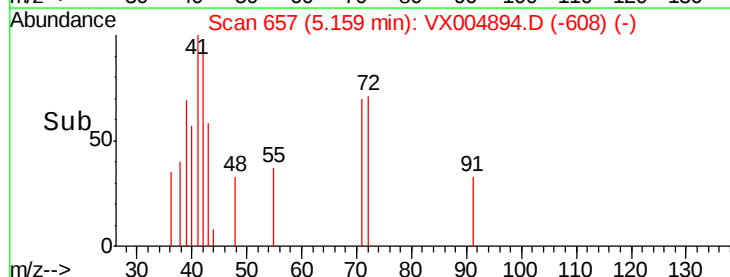
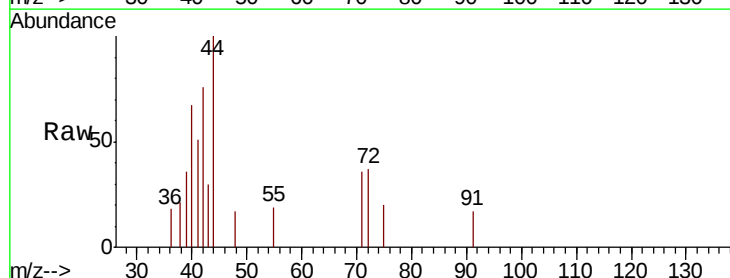
Tgt Ion: 42 Resp: 737

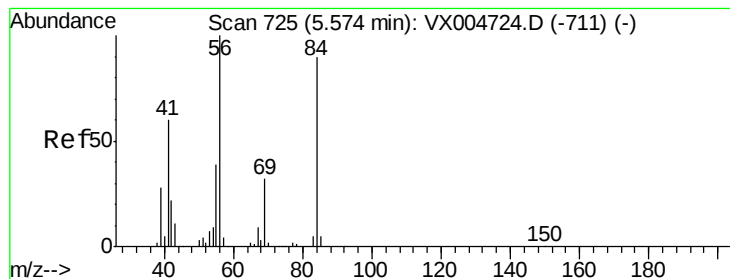
Ion Ratio Lower Upper

42 100

72 11.3 37.4 56.0#

71 21.8 34.5 51.7#





#31

Cyclohexane

Concen: 23.004 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX004894.D

Acq: 02 Oct 2018 02:37

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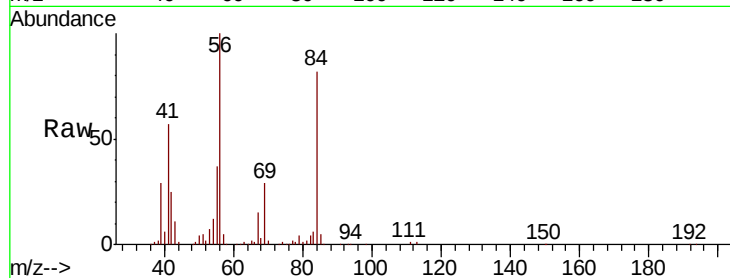
Tot Ion: 56 Resp: 96723

Ion Ratio Lower Upper

56 100

69 28.6 25.4 38.2

84 82.5 71.4 107.2

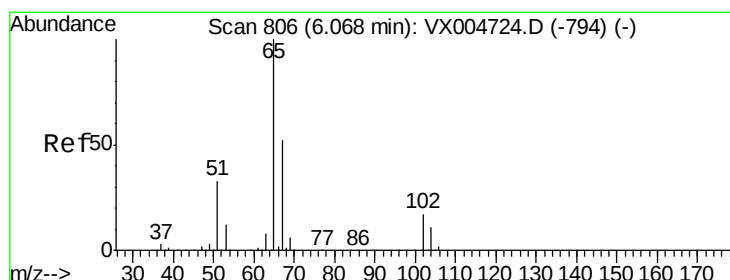
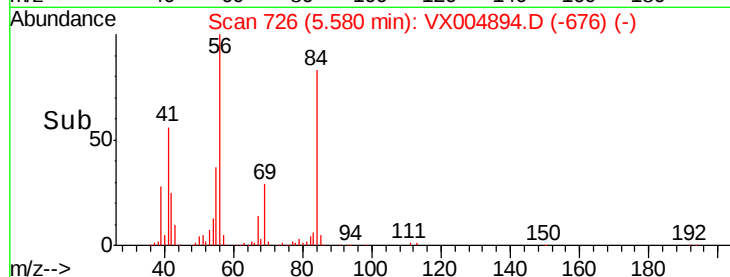
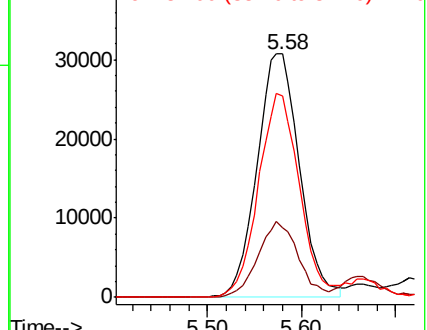


Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.096 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004894.D

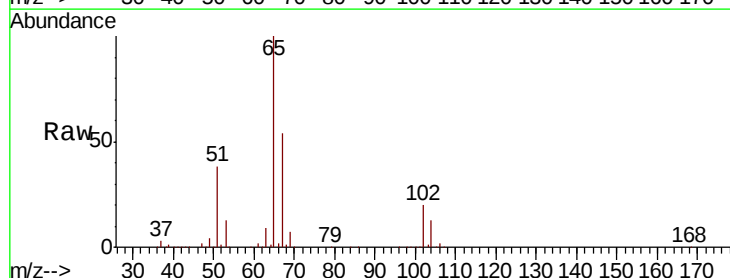
Acq: 02 Oct 2018 02:37

Tgt Ion: 65 Resp: 172159

Ion Ratio Lower Upper

65 100

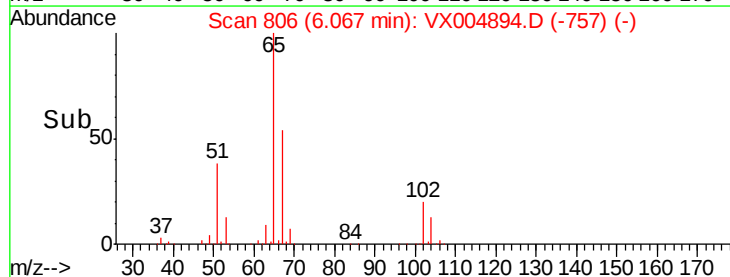
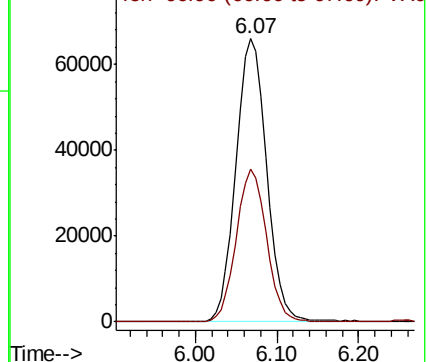
67 53.4 0.0 106.8

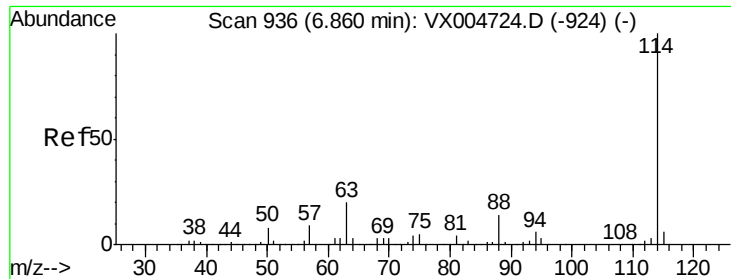


Abundance

Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

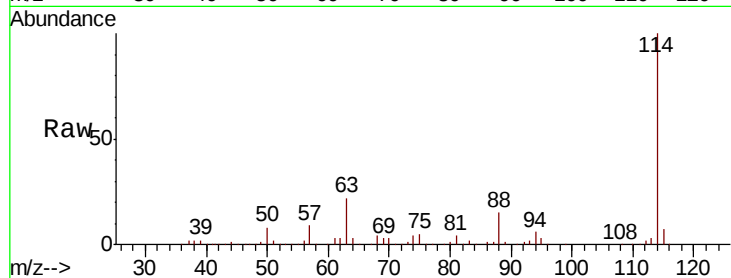




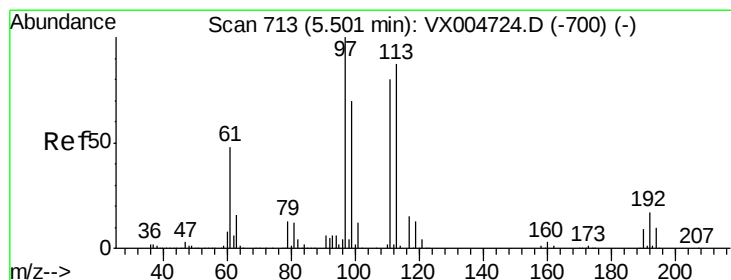
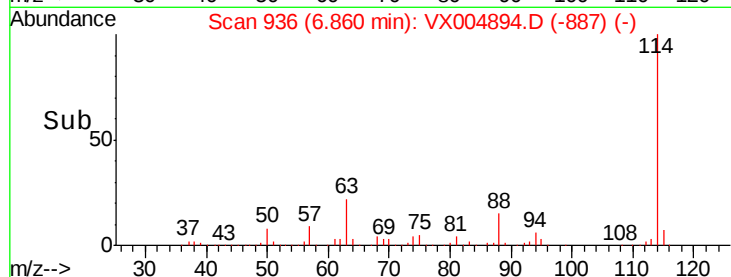
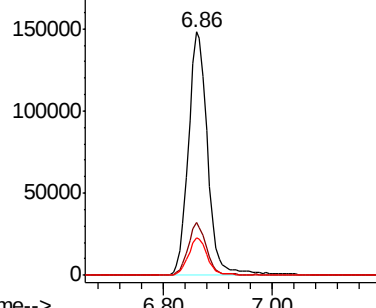
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX004894.D
Acq: 02 Oct 2018 02:37

Instrument :
MSVOA_X
ClientSampleId :
S13-0257DL

Tot Ion:114 Resp: 366033
Ion Ratio Lower Upper
114 100
63 21.6 0.0 39.0
88 15.3 0.0 30.4

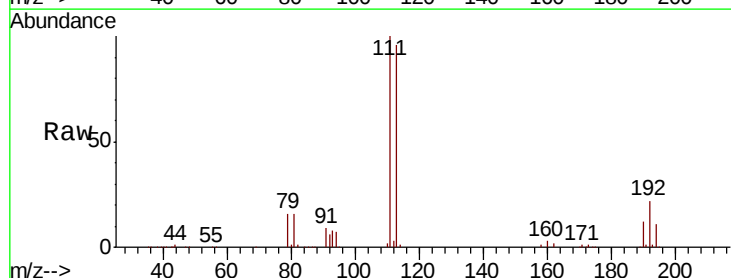


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

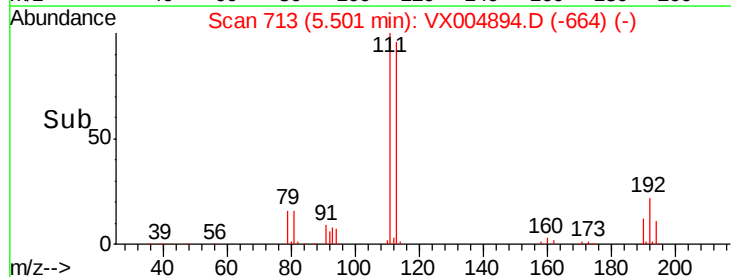
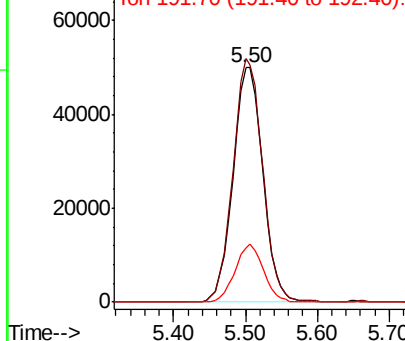


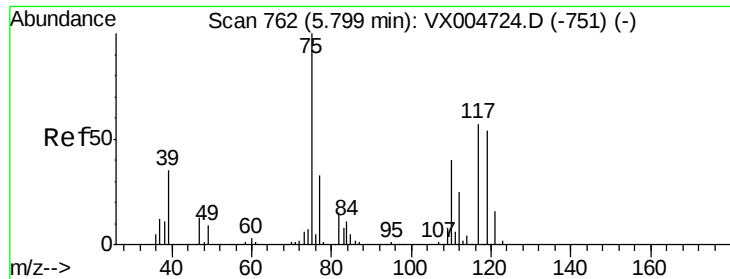
#35
Dibromofluoromethane
Concen: 46.307 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX004894.D
Acq: 02 Oct 2018 02:37

Tgt Ion:113 Resp: 143654
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 23.6 19.4 29.2



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: 3.561 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX004894.D

Acq: 02 Oct 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

S13-0257DL

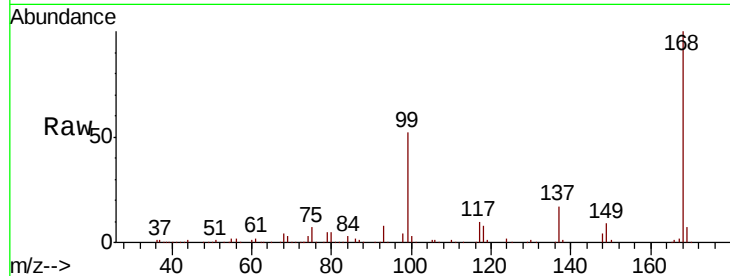
Tot Ion: 75 Resp: 15071

Ion Ratio Lower Upper

75 100

110 10.4 18.0 54.0#

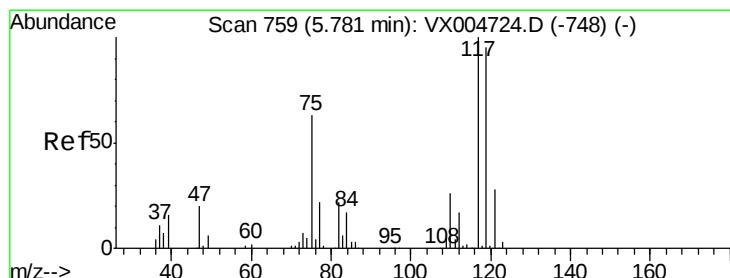
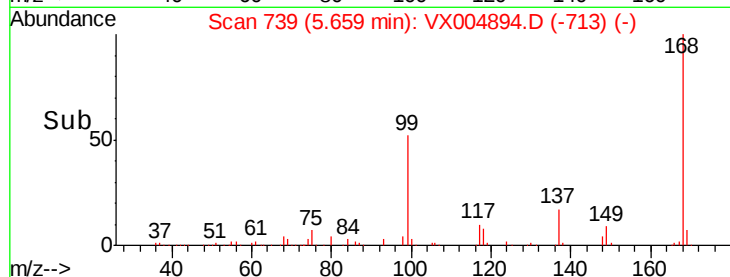
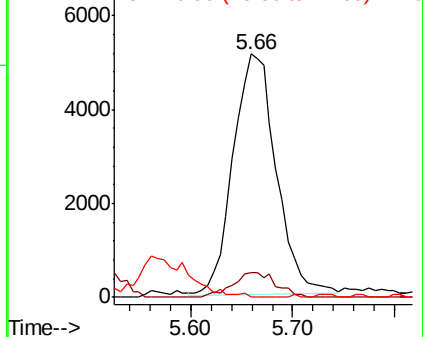
77 0.0 24.6 36.8#



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: 4.622 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX004894.D

Acq: 02 Oct 2018 02:37

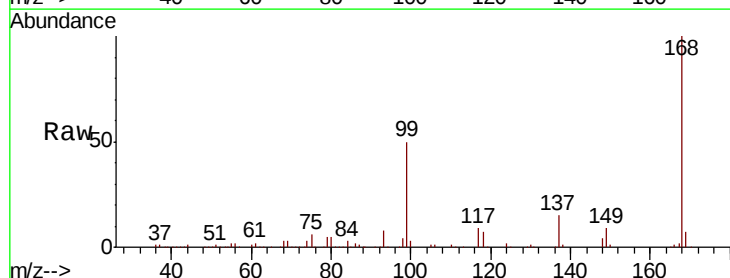
Tgt Ion: 117 Resp: 20564

Ion Ratio Lower Upper

117 100

119 5.4 78.8 118.2#

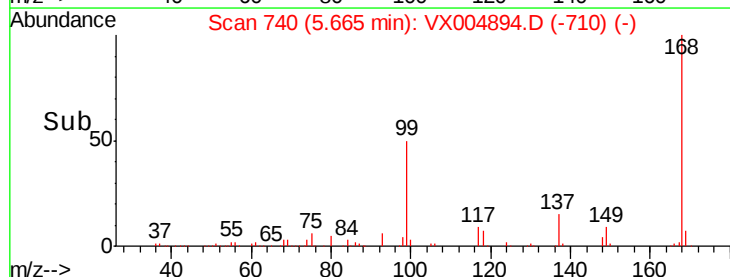
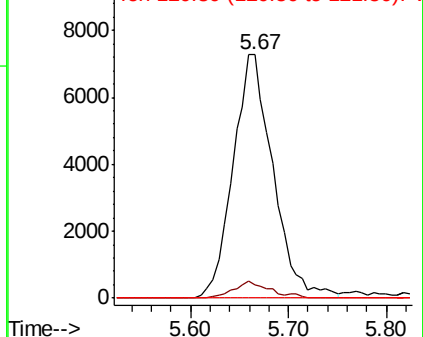
121 0.0 24.9 37.3#

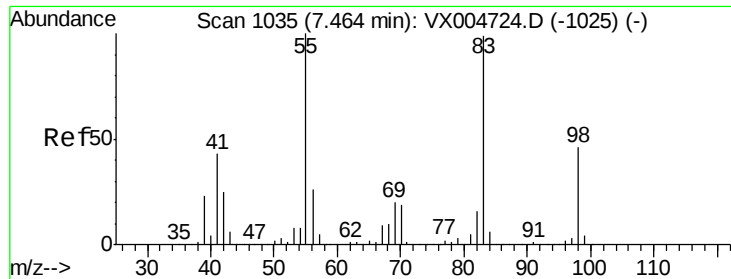


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

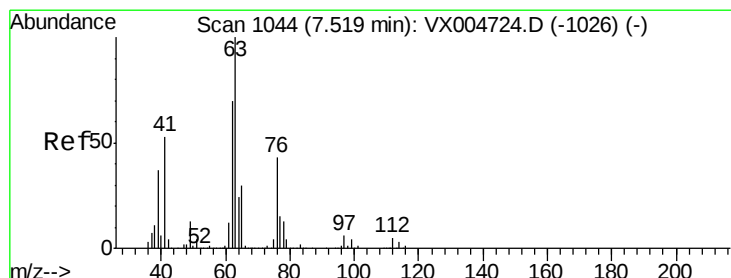
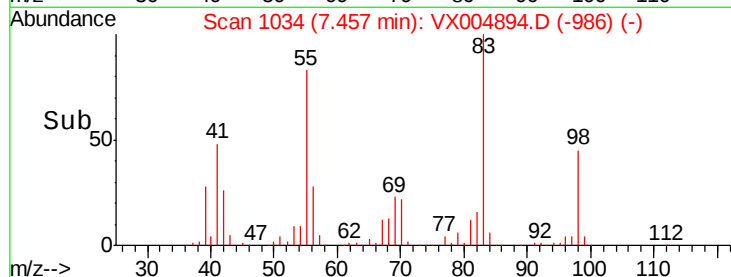
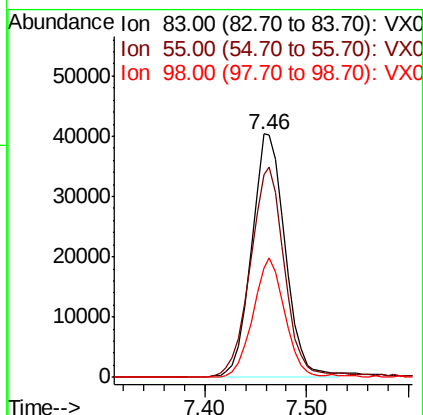
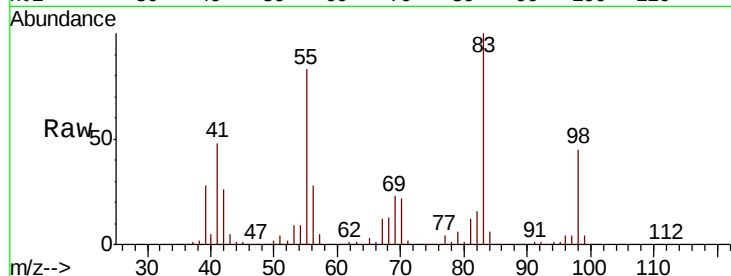




#39
Methvlcvclohexane
Concen: 21.423 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004894.D
Acq: 02 Oct 2018 02:37

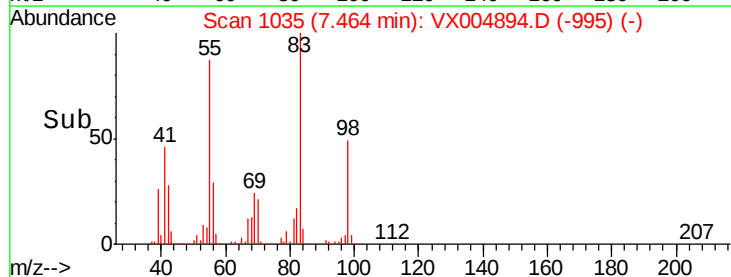
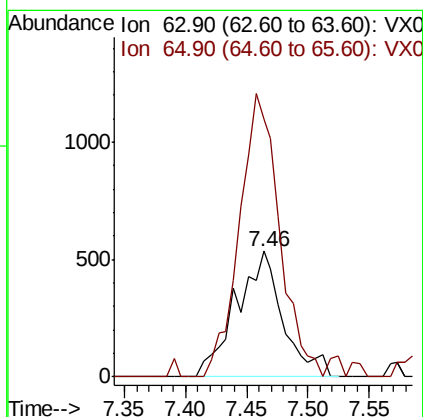
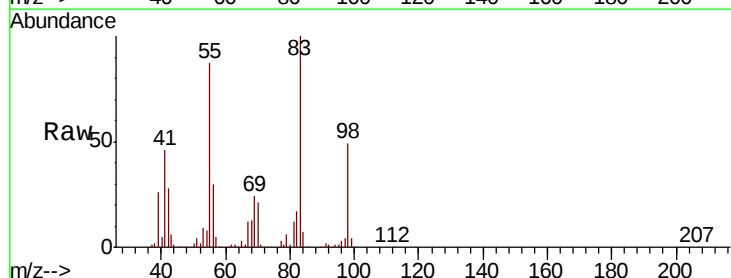
Instrument :
MSVOA_X
ClientSampled :
S13-0257DL

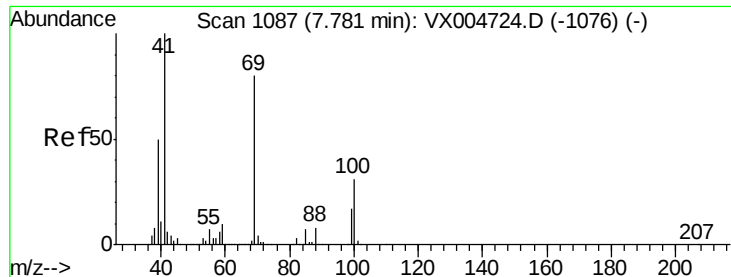
Tot Ion: 83 Resp: 92588
Ion Ratio Lower Upper
83 100
55 83.2 61.0 91.4
98 45.0 39.6 59.4



#45
1,2-Dichloropropane
Concen: 0.441 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.05 min
Lab File: VX004894.D
Acq: 02 Oct 2018 02:37

Tgt Ion: 63 Resp: 1432
Ion Ratio Lower Upper
63 100
65 205.0 24.3 36.5#

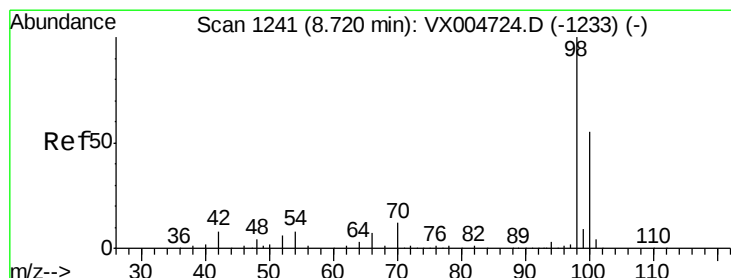
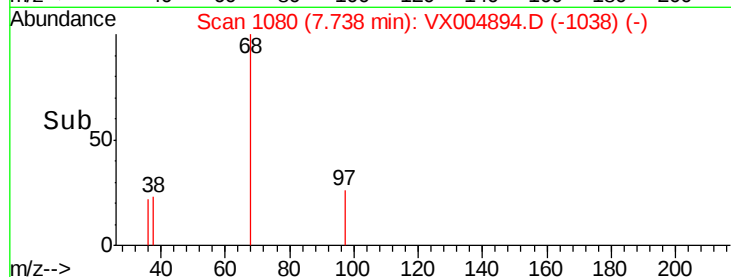
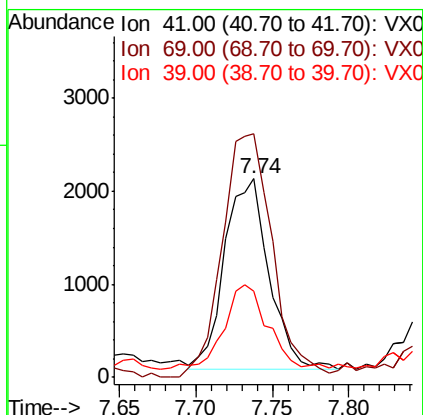
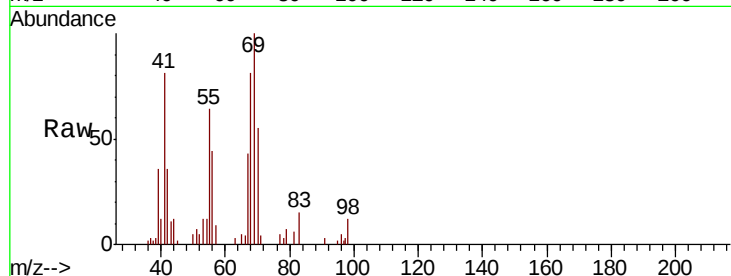




#48
Methvl methacrylate
Concen: 1.128 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.04 min
Lab File: VX004894.D
Acq: 02 Oct 2018 02:37

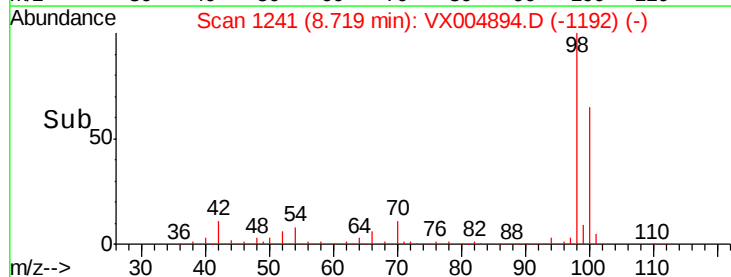
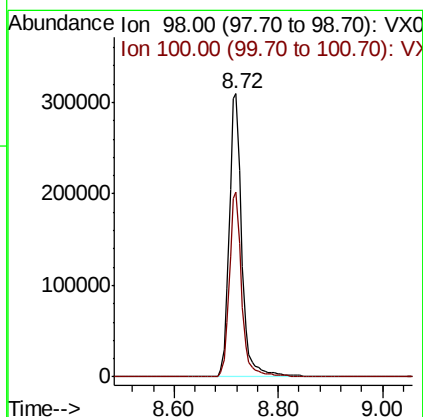
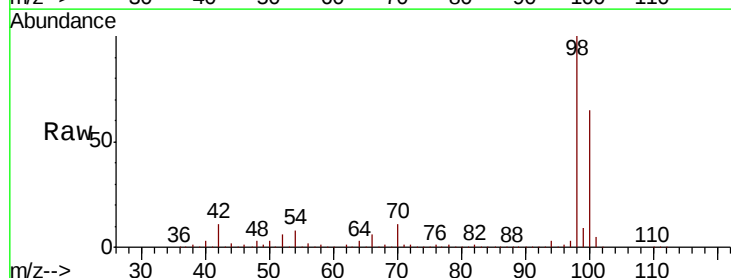
Instrument :
MSVOA_X
ClientSampleId :
S13-0257DL

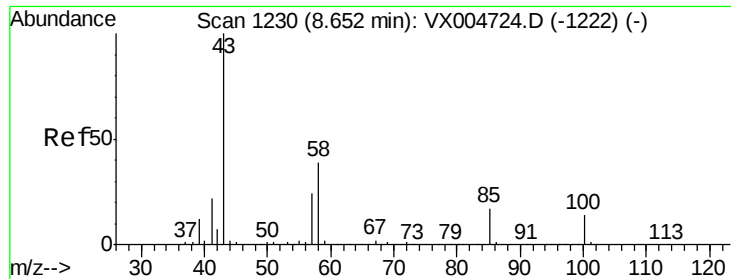
Tot Ion: 41 Resp: 4153
Ion Ratio Lower Upper
41 100
69 143.1 70.2 105.4#
39 43.9 42.7 64.1



#50
Toluene-d8
Concen: 52.086 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004894.D
Acq: 02 Oct 2018 02:37

Tgt Ion: 98 Resp: 537167
Ion Ratio Lower Upper
98 100
100 63.8 52.9 79.3

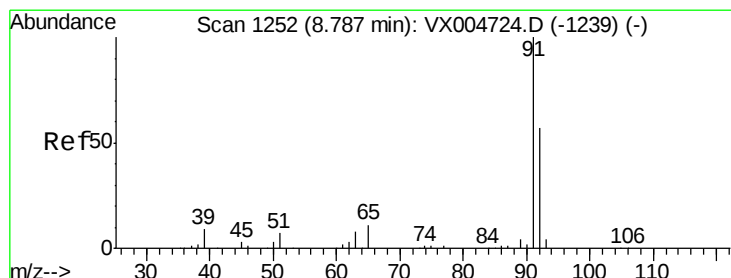
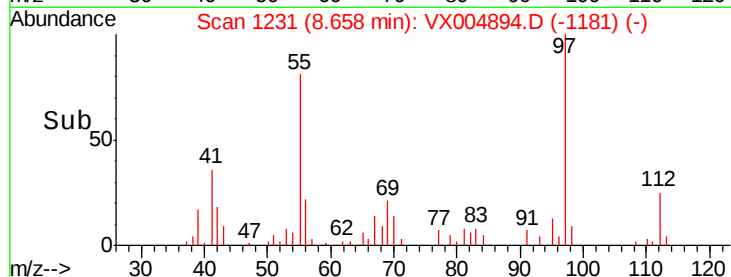
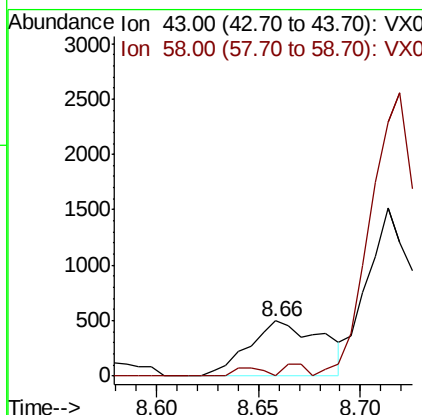
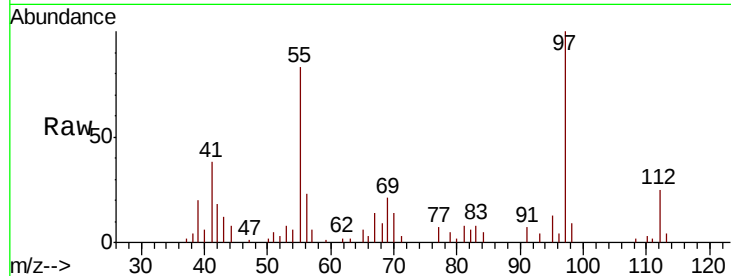




#51
4-Methyl-2-Pentanone
Concen: 0.243 ug/l
RT: 8.66 min Scan# 1231
Delta R.T. 0.01 min
Lab File: VX004894.D
Acq: 02 Oct 2018 02:37

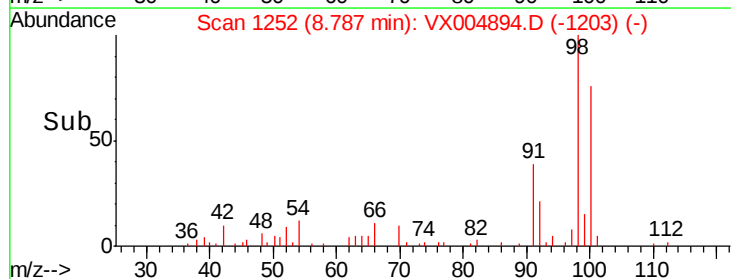
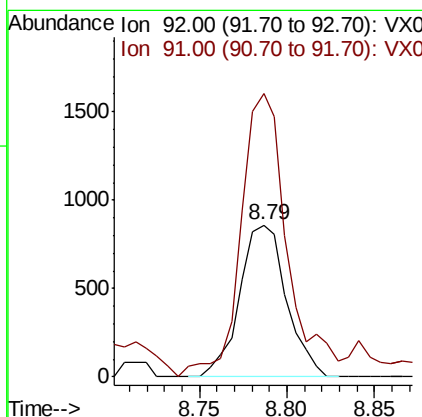
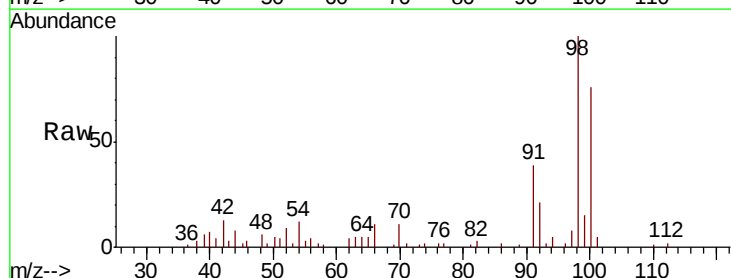
Instrument :
MSVOA_X
ClientSampleId :
S13-0257DL

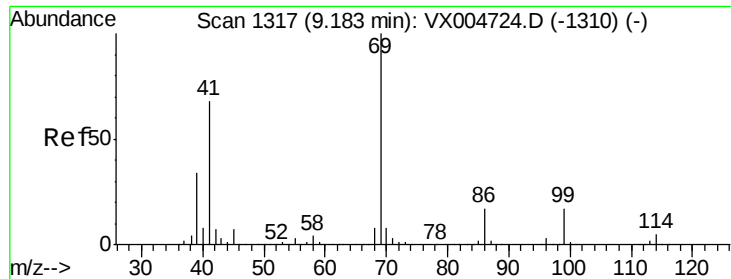
Tot Ion: 43 Resp: 1243
Ion Ratio Lower Upper
43 100
58 0.0 33.1 49.7#



#52
Toluene
Concen: 0.220 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004894.D
Acq: 02 Oct 2018 02:37

Tgt Ion: 92 Resp: 1599
Ion Ratio Lower Upper
92 100
91 184.3 136.4 204.6





#56

Ethyl methacrylate

Concen: 3.076 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.02 min

Lab File: VX004894.D

Acq: 02 Oct 2018 02:37

Instrument :

MSVOA_X

ClientSampled :

S13-0257DL

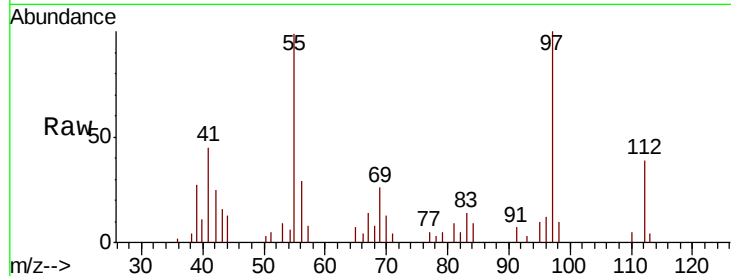
Tot Ion: 69 Resp: 1176

Ion Ratio Lower Upper

69 100

41 137.8 51.0 76.4#

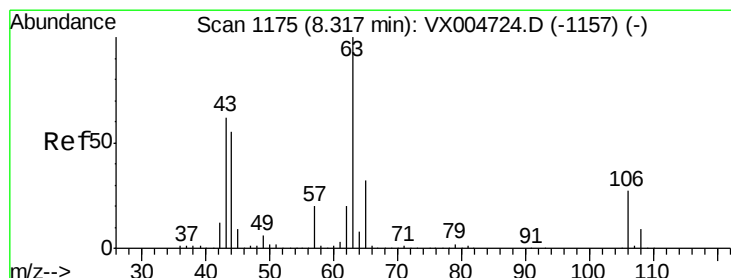
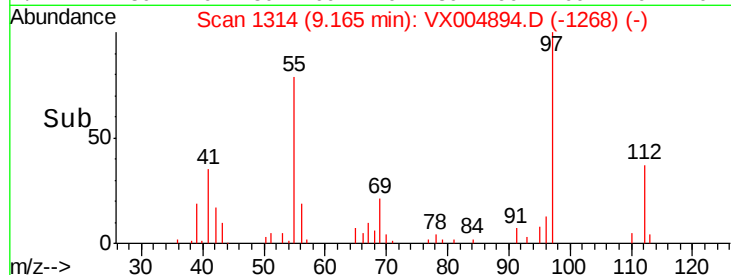
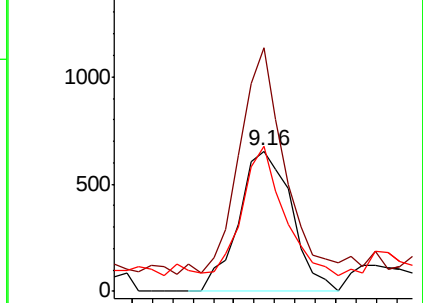
39 72.4 26.1 39.1#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 14.257 ug/l

RT: 8.38 min Scan# 1186

Delta R.T. 0.07 min

Lab File: VX004894.D

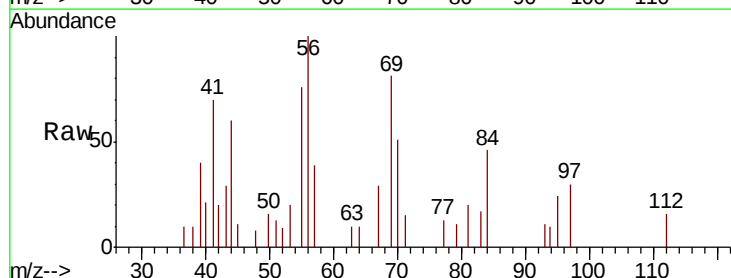
Acq: 02 Oct 2018 02:37

Tgt Ion: 63 Resp: 42

Ion Ratio Lower Upper

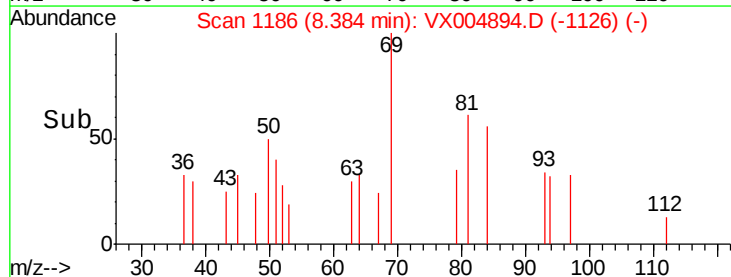
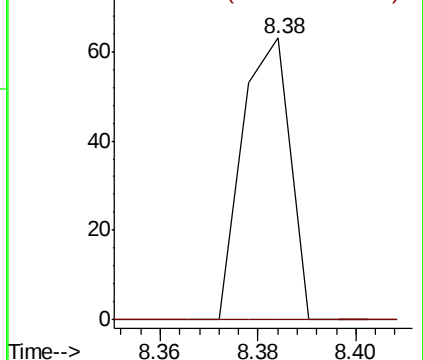
63 100

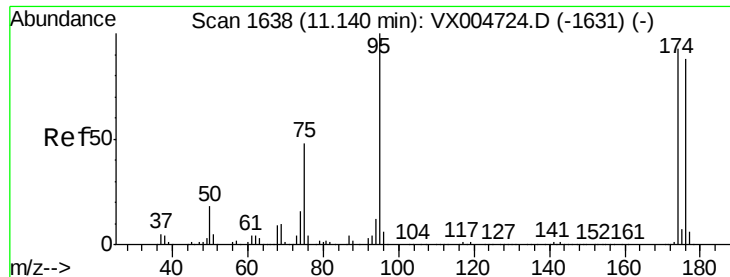
106 0.0 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

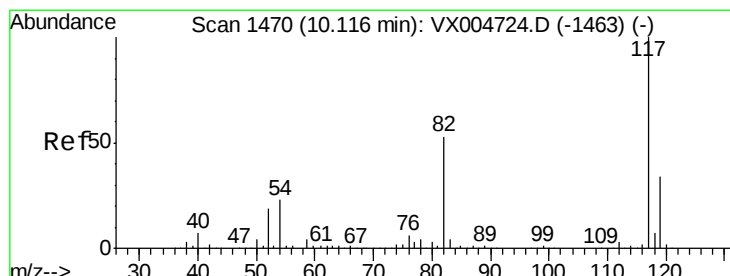
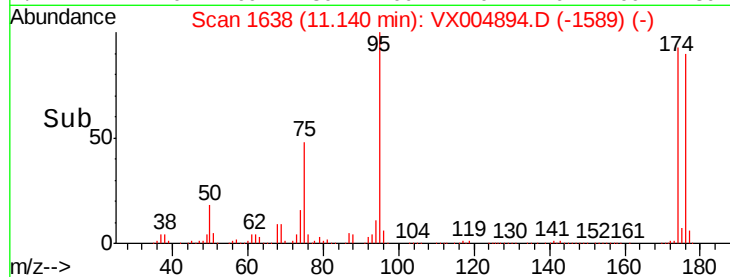
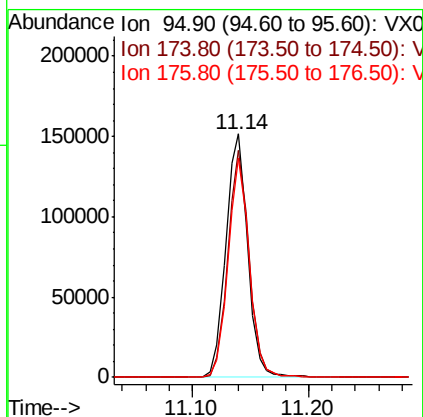
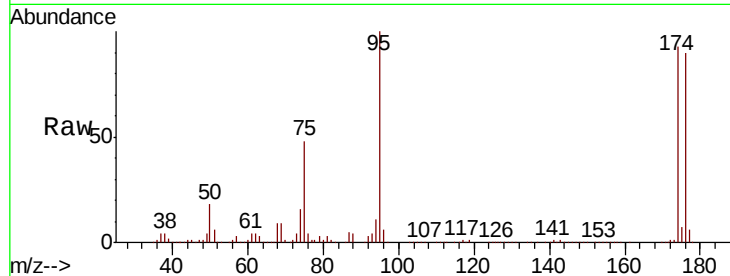




#62
4-Bromofluorobenzene
Concen: 52.960 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004894.D
Acq: 02 Oct 2018 02:37

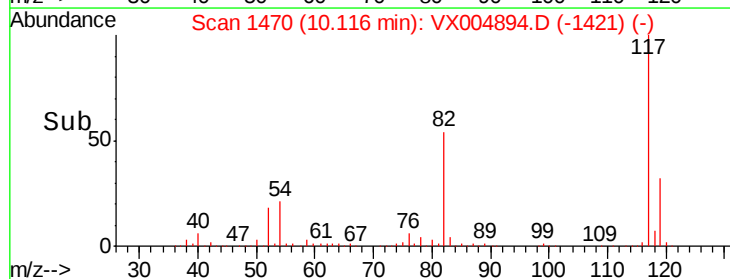
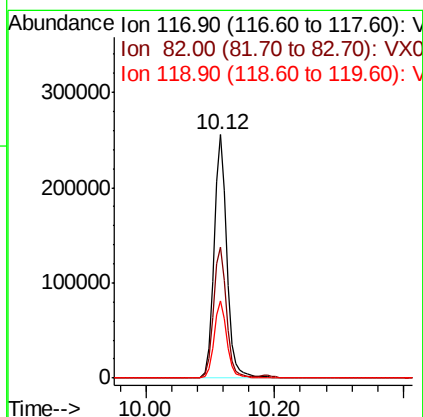
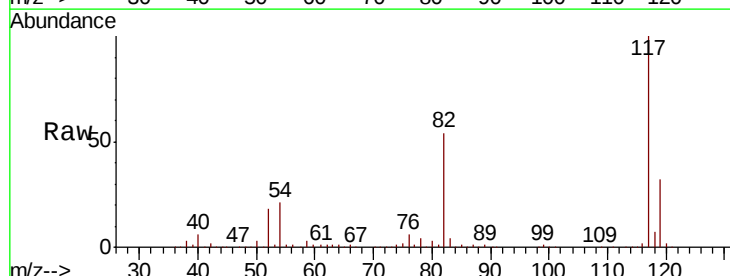
Instrument :
MSVOA_X
ClientSampleId :
S13-0257DL

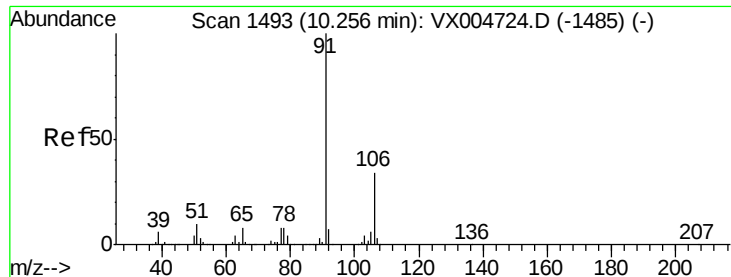
Tot Ion: 95 Resp: 196768
Ion Ratio Lower Upper
95 100
174 91.3 0.0 185.2
176 87.5 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004894.D
Acq: 02 Oct 2018 02:37

Tgt Ion: 117 Resp: 358084
Ion Ratio Lower Upper
117 100
82 53.7 47.8 71.6
119 31.9 29.3 43.9

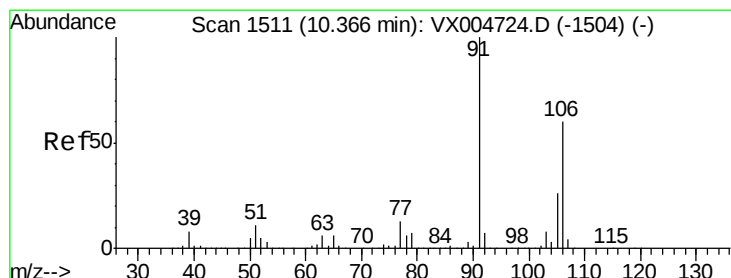
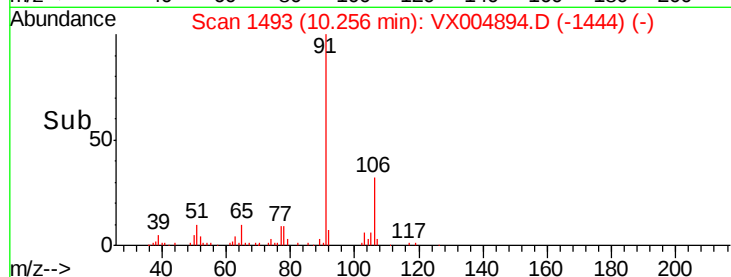
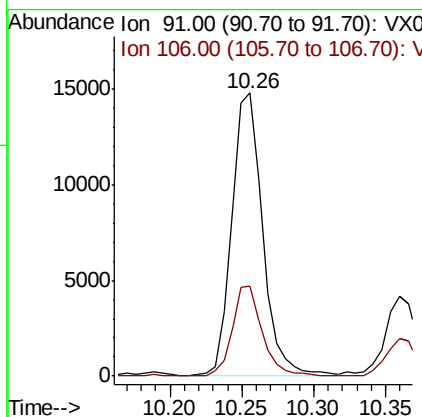
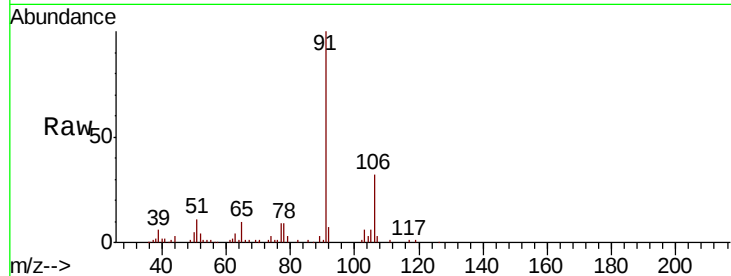




#67
Ethyl Benzene
Concen: 1.530 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004894.D
Acq: 02 Oct 2018 02:37

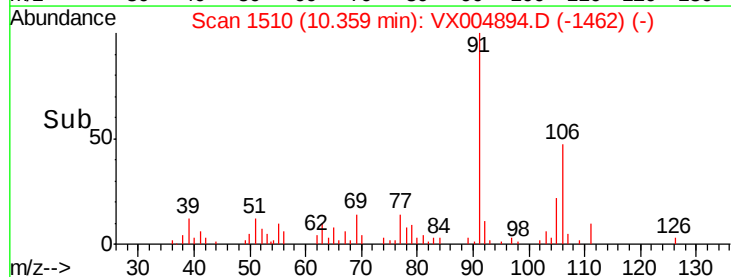
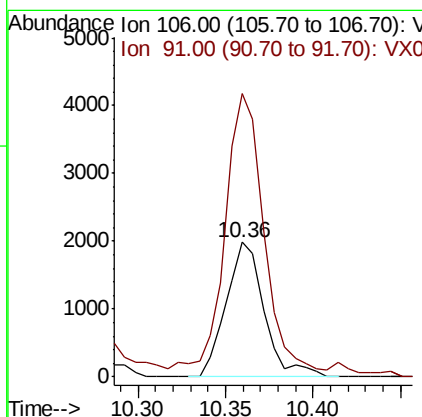
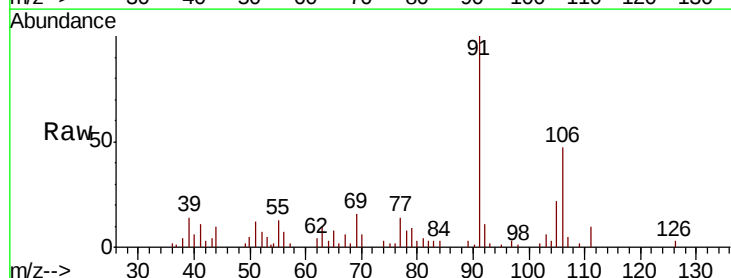
Instrument :
MSVOA_X
ClientSampled :
S13-0257DL

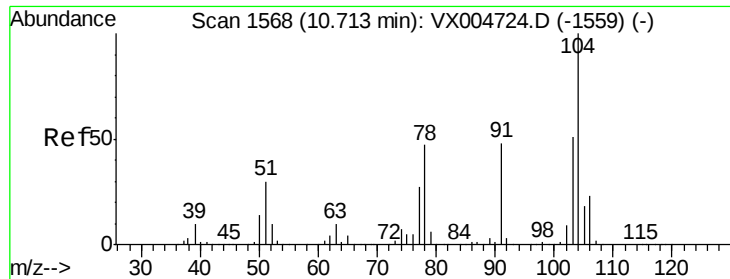
Tot Ion: 91 Resp: 22298
Ion Ratio Lower Upper
91 100
106 31.9 25.9 38.9



#68
m/p-Xylenes
Concen: 0.529 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004894.D
Acq: 02 Oct 2018 02:37

Tgt Ion: 106 Resp: 3012
Ion Ratio Lower Upper
106 100
91 208.2 157.1 235.7

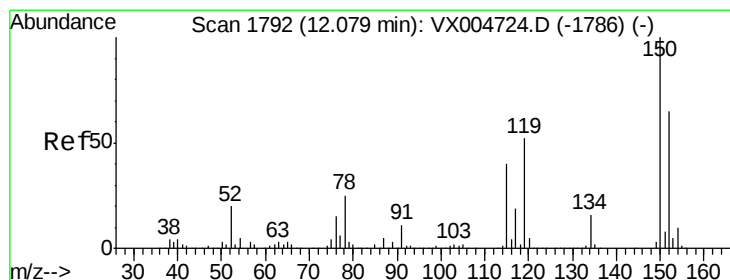
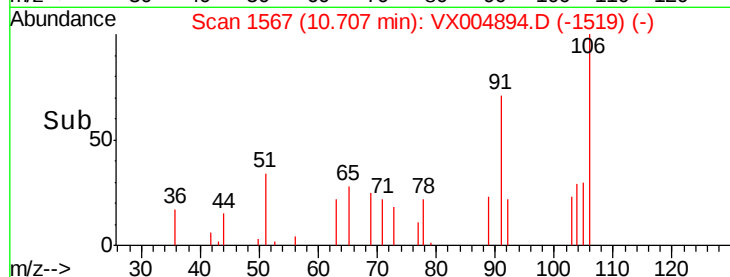
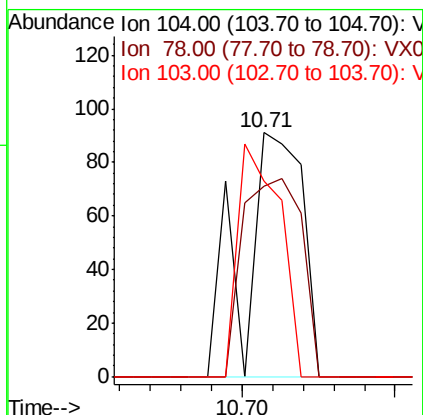
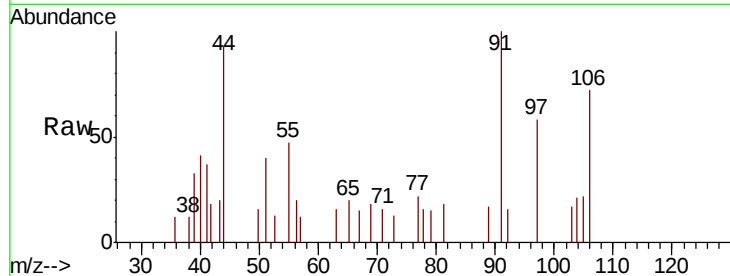




#70
Stvrene
Concen: 2.152 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX004894.D
Acq: 02 Oct 2018 02:37

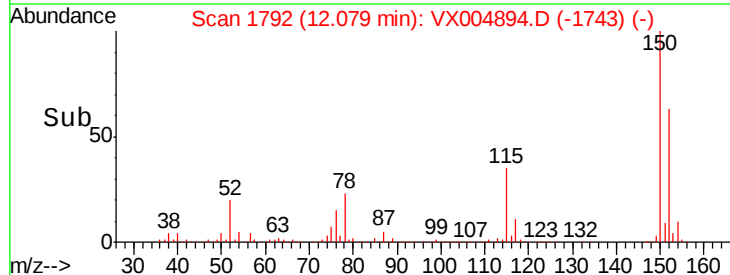
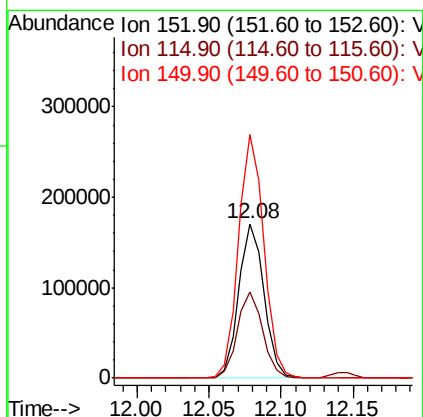
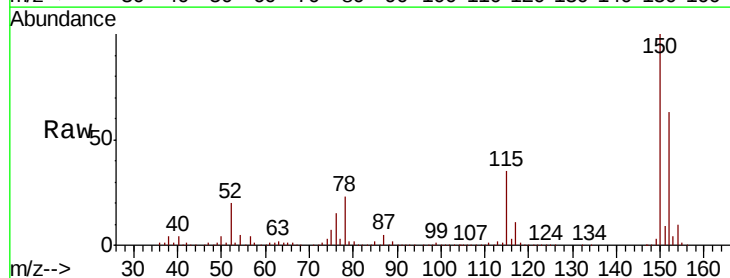
Instrument :
MSVOA_X
ClientSampleId :
S13-0257DL

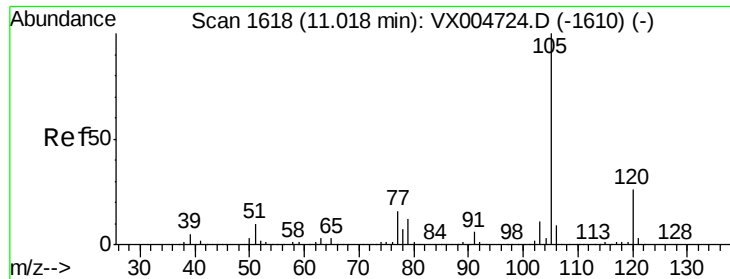
Tot Ion:104 Resp: 121
Ion Ratio Lower Upper
104 100
78 81.8 37.4 56.0#
103 0.0 43.8 65.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004894.D
Acq: 02 Oct 2018 02:37

Tgt Ion:152 Resp: 209122
Ion Ratio Lower Upper
152 100
115 55.8 39.0 117.0
150 158.2 0.0 351.0





#73

Isopropylbenzene

Concen: 3.461 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004894.D

Acq: 02 Oct 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

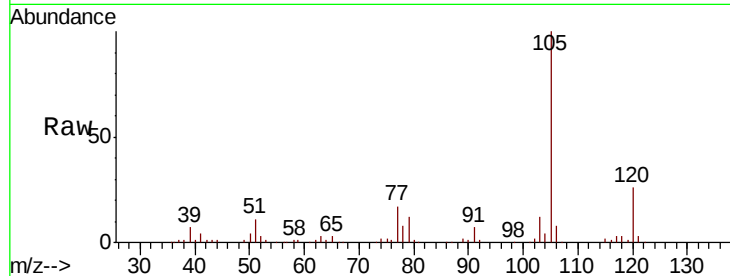
S13-0257DL

Tot Ion:105 Resp: 45621

Ion Ratio Lower Upper

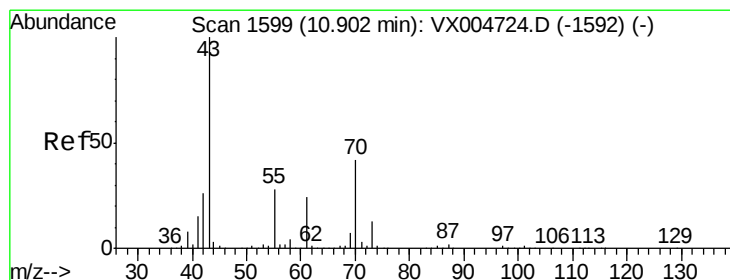
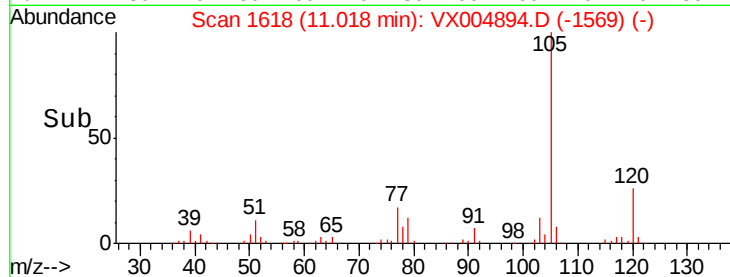
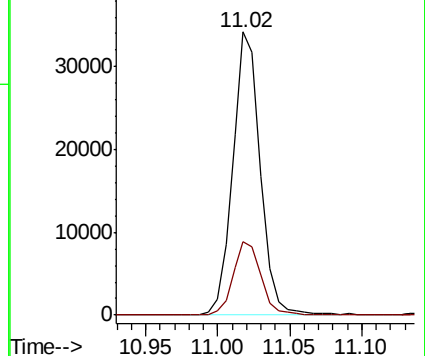
105 100

120 26.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.777 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX004894.D

Acq: 02 Oct 2018 02:37

Tgt Ion: 43 Resp: 217

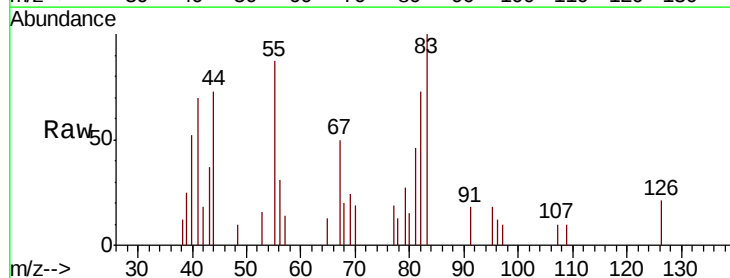
Ion Ratio Lower Upper

43 100

70 122.1 37.4 56.0#

55 559.0 21.8 32.8#

61 0.0 20.6 30.8#

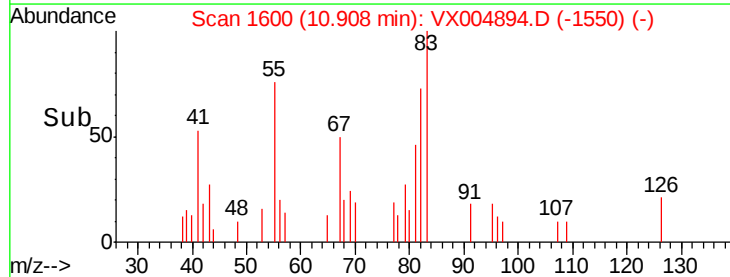
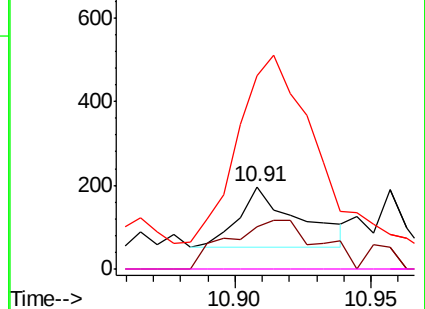


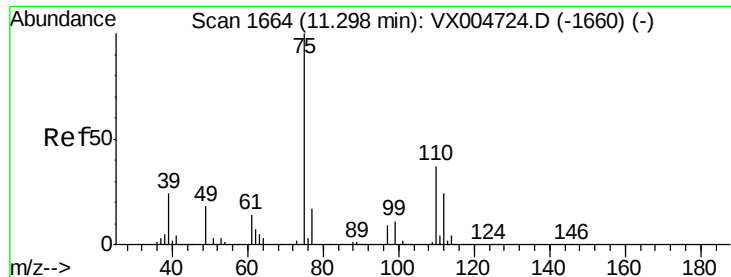
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

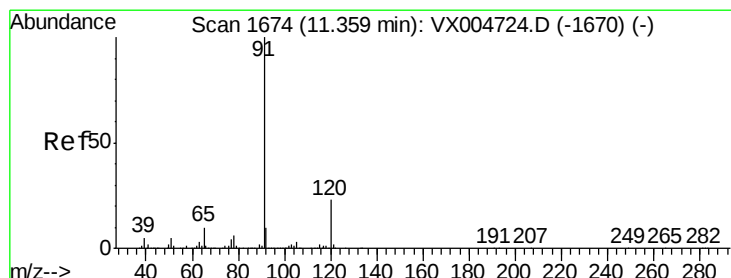
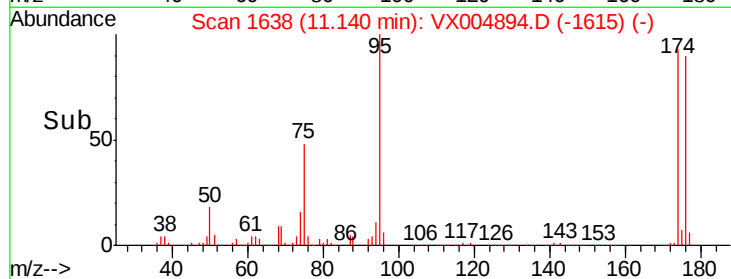
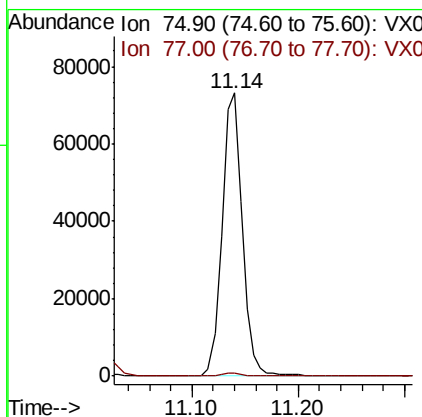
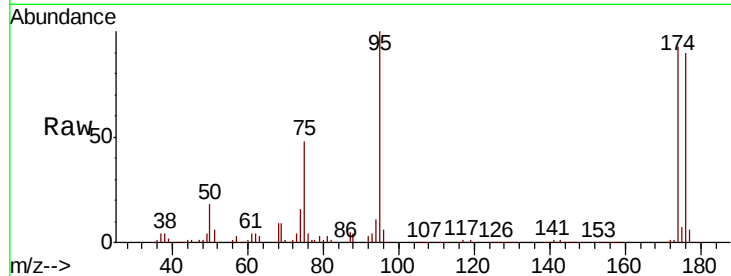




#76
 1,2,3-Trichloropropane
 Concen: 20.698 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX004894.D
 Acq: 02 Oct 2018 02:37

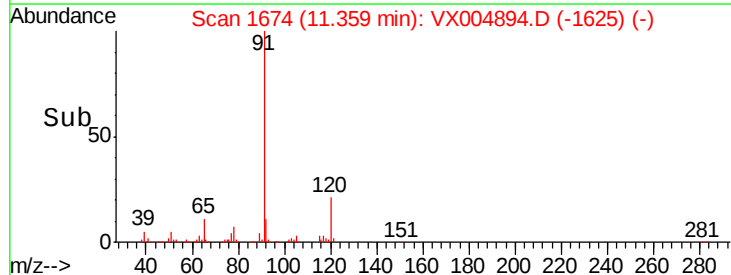
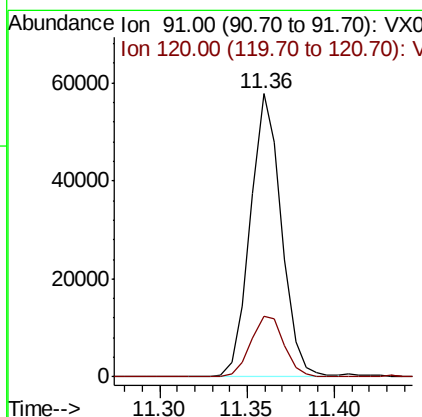
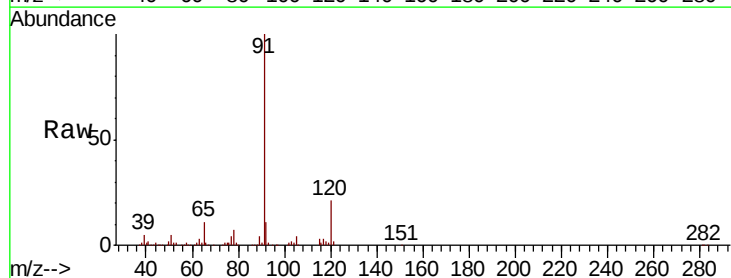
Instrument :
 MSVOA_X
 ClientSampled :
 S13-0257DL

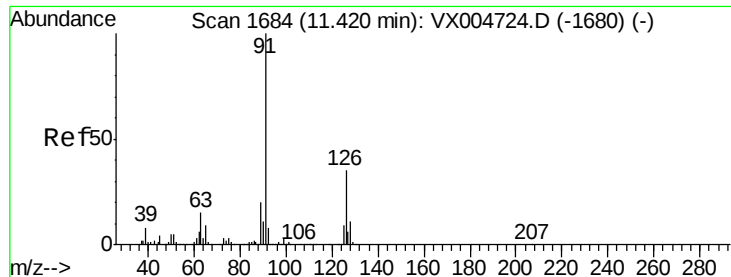
Tot Ion: 75 Resp: 97015
 Ion Ratio Lower Upper
 75 100
 77 1.5 20.2 60.6#



#78
 n-propylbenzene
 Concen: 4.739 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VX004894.D
 Acq: 02 Oct 2018 02:37

Tgt Ion: 91 Resp: 71670
 Ion Ratio Lower Upper
 91 100
 120 23.1 11.9 35.9





#79

2-Chlorotoluene

Concen: 7.603 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX004894.D

Acq: 02 Oct 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

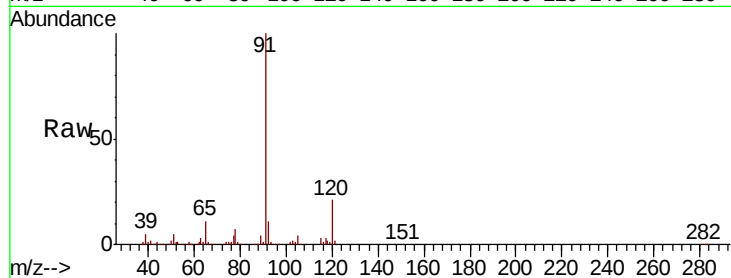
S13-0257DL

Tot Ion: 91 Resp: 71670

Ion Ratio Lower Upper

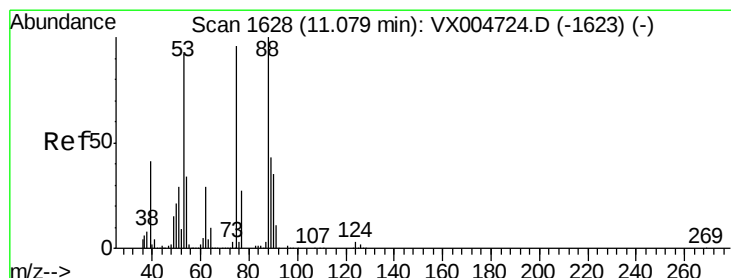
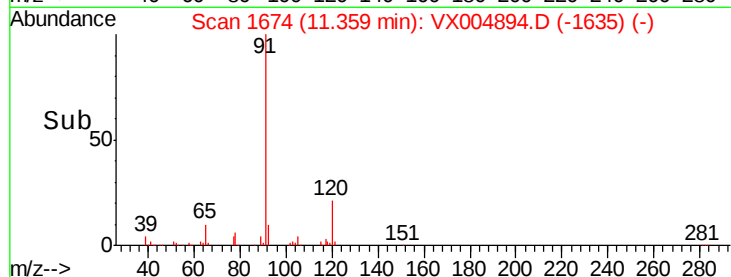
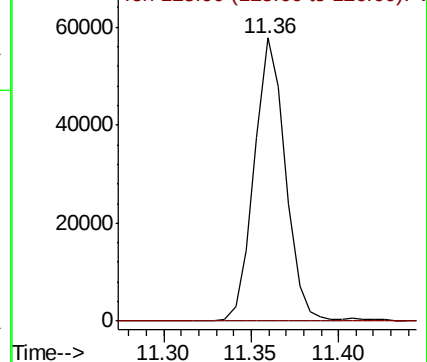
91 100

126 0.0 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#81

trans-1,4-Dichloro-2-butene

Concen: 56.195 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004894.D

Acq: 02 Oct 2018 02:37

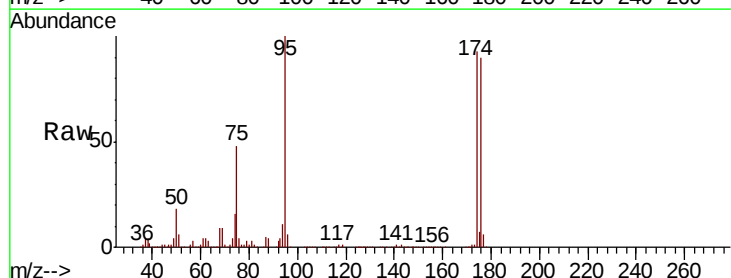
Tgt Ion: 75 Resp: 97015

Ion Ratio Lower Upper

75 100

53 0.3 80.1 120.1#

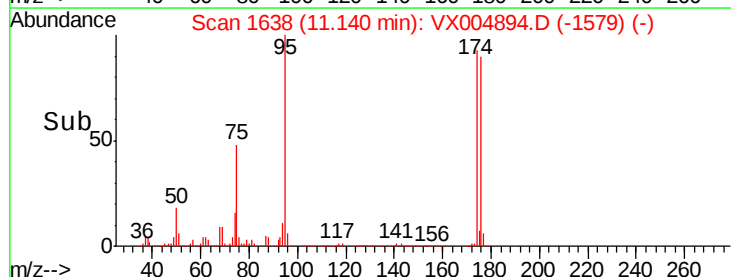
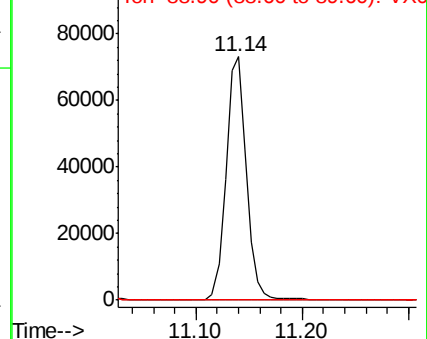
89 0.0 37.2 55.8#

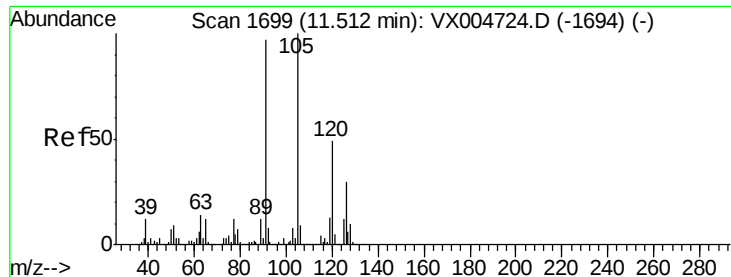


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 6.459 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX004894.D

Acq: 02 Oct 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

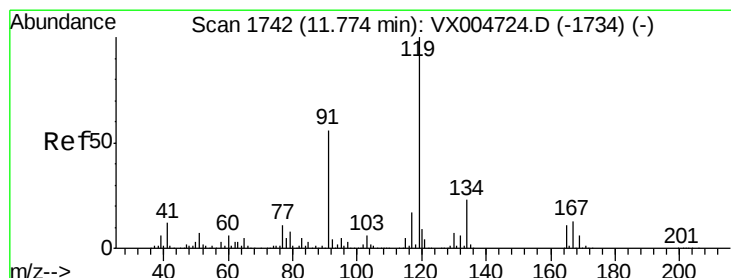
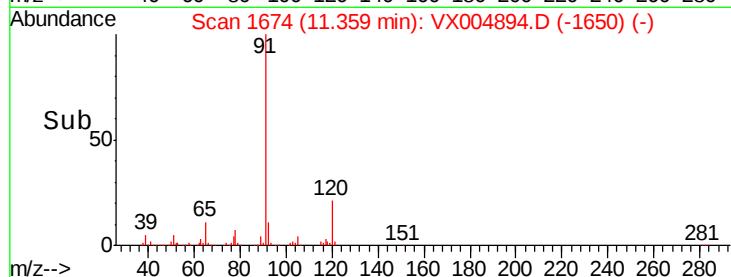
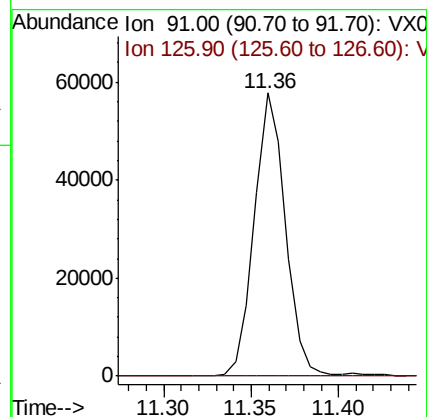
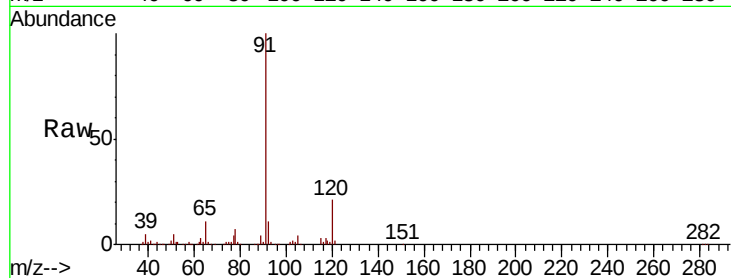
S13-0257DL

Tot Ion: 91 Resp: 71670

Ion Ratio Lower Upper

91 100

126 0.0 15.5 46.5#



#83

tert-Butylbenzene

Concen: 4.115 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.04 min

Lab File: VX004894.D

Acq: 02 Oct 2018 02:37

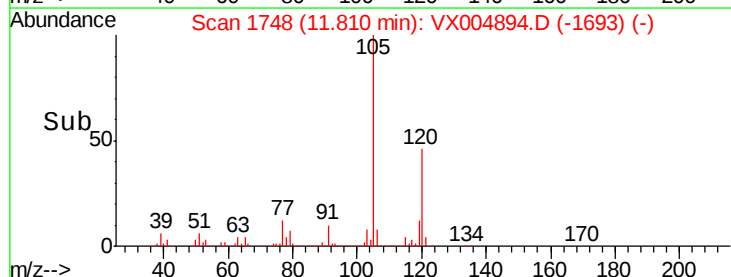
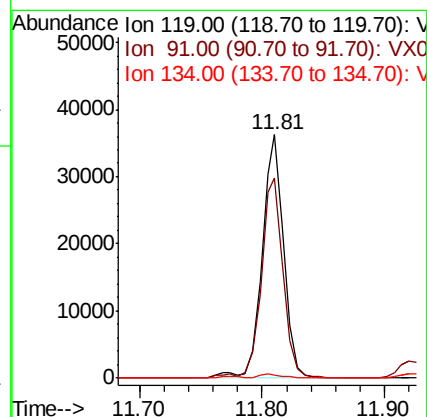
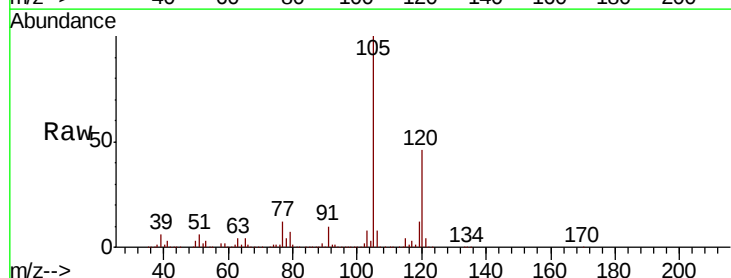
Tgt Ion: 119 Resp: 44658

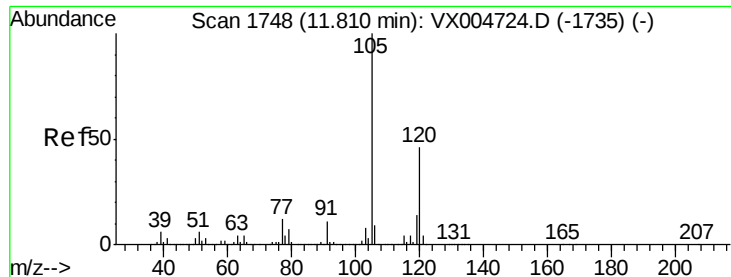
Ion Ratio Lower Upper

119 100

91 83.8 27.0 81.0#

134 1.9 11.7 35.1#





#84

1,2,4-Trimethylbenzene

Concen: 27.812 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.00 min

Lab File: VX004894.D

Acq: 02 Oct 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

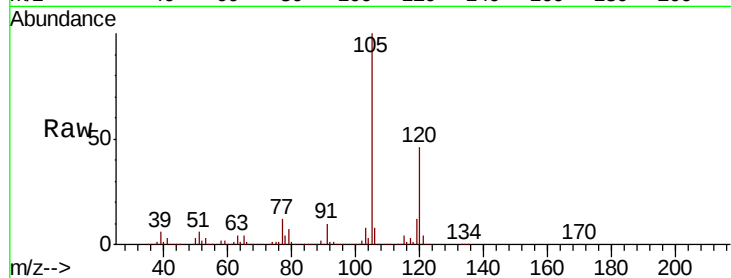
S13-0257DL

Tot Ion:105 Resp: 347601

Ion Ratio Lower Upper

105 100

120 45.2 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.81

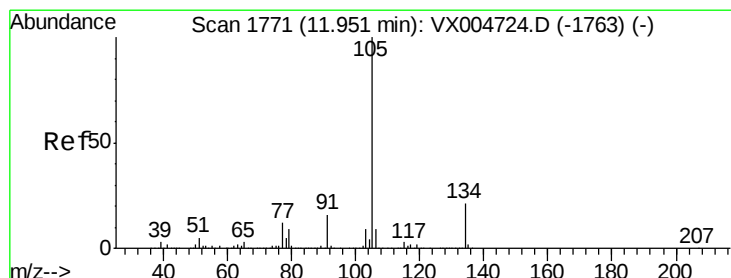
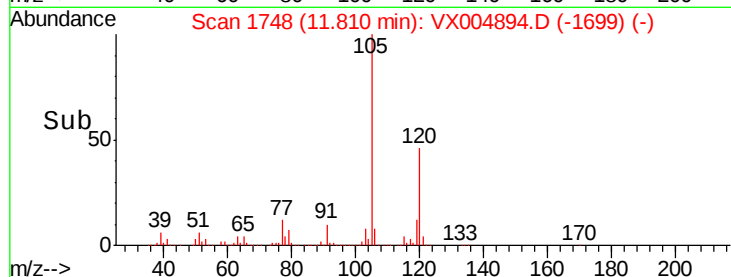
300000

200000

100000

0

Time--> 11.70 11.80 11.90



#85

sec-Butylbenzene

Concen: 26.296 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.14 min

Lab File: VX004894.D

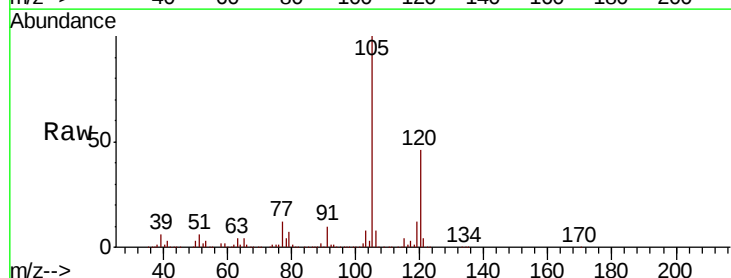
Acq: 02 Oct 2018 02:37

Tgt Ion:105 Resp: 347601

Ion Ratio Lower Upper

105 100

134 0.2 10.5 31.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.81

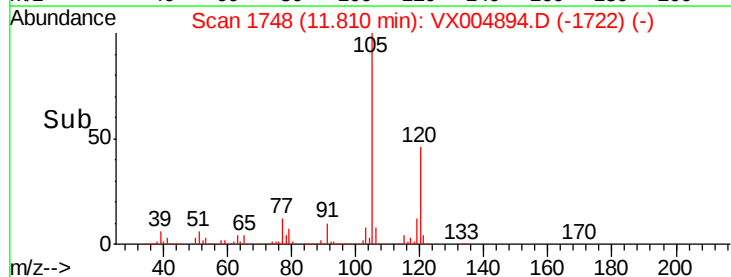
300000

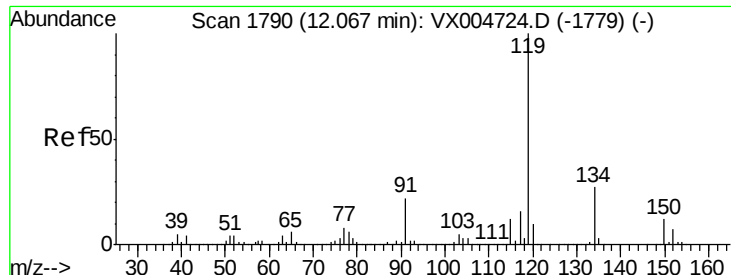
200000

100000

0

Time--> 11.70 11.80 11.90

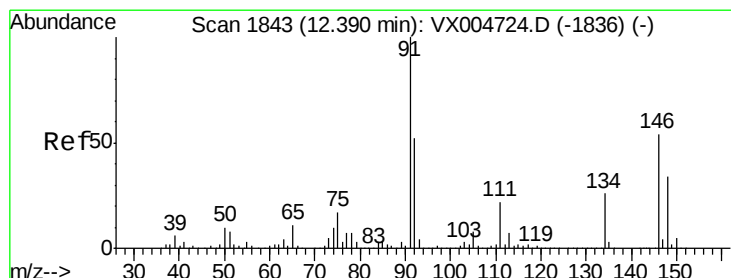
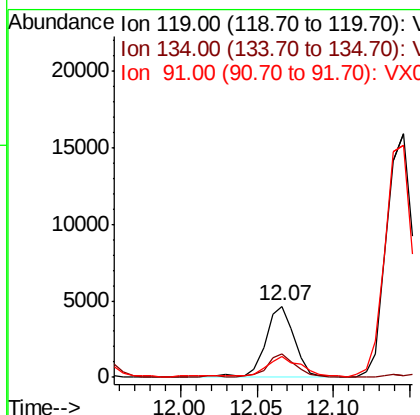
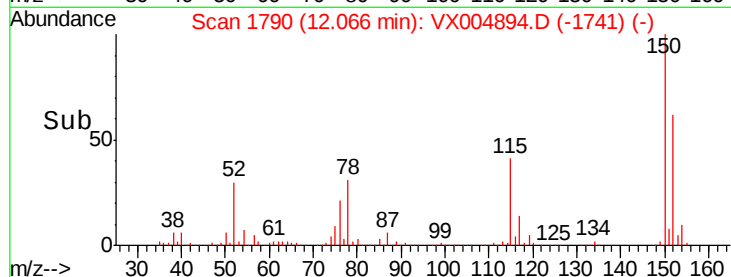
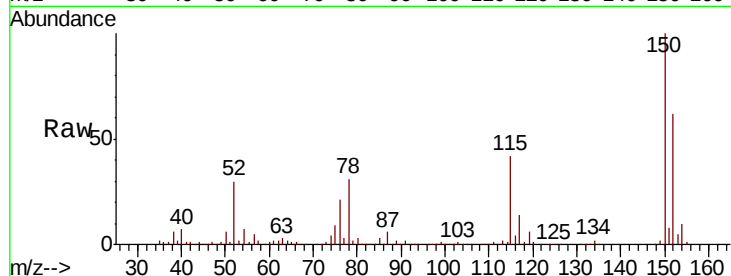




#86
p-Isopropyltoluene
Concen: 0.514 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX004894.D
Acq: 02 Oct 2018 02:37

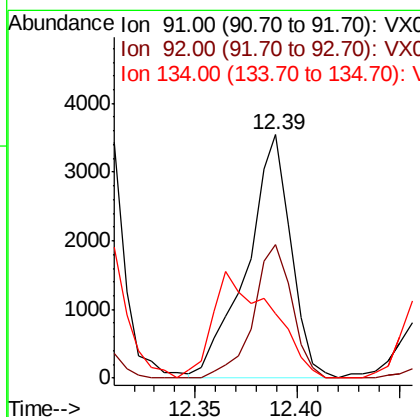
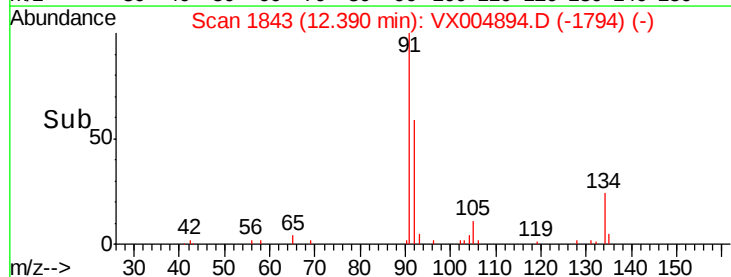
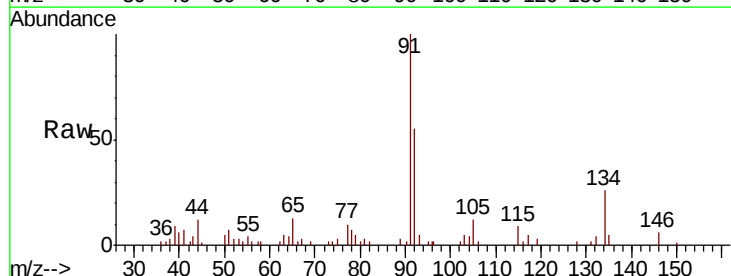
Instrument :
MSVOA_X
ClientSampled :
S13-0257DL

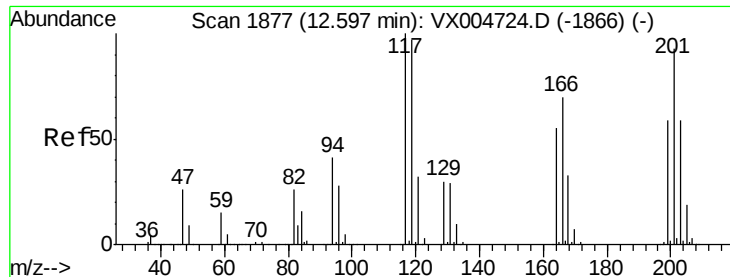
Tot Ion	Ratio	Lower	Upper
119	100		
134	32.1	13.4	40.2
91	31.4	10.9	32.7



#89
n-Butylbenzene
Concen: 0.492 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004894.D
Acq: 02 Oct 2018 02:37

Tgt Ion	Ratio	Lower	Upper
91	100		
92	47.7	27.3	81.9
134	0.0	13.6	40.7#





#90

Hexachloroethane

Concen: 0.851 ug/l

RT: 12.61 min Scan# 1879

Delta R.T. 0.01 min

Lab File: VX004894.D

Acq: 02 Oct 2018 02:37

Instrument :

MSVOA_X

ClientSampleID :

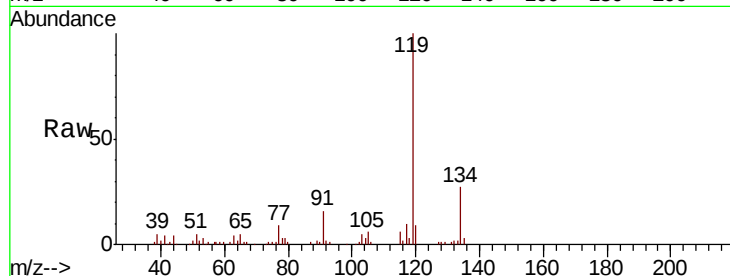
S13-0257DL

Tot Ion:117 Resp: 1697

Ion Ratio Lower Upper

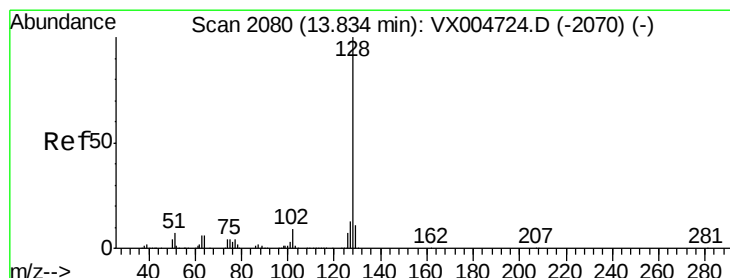
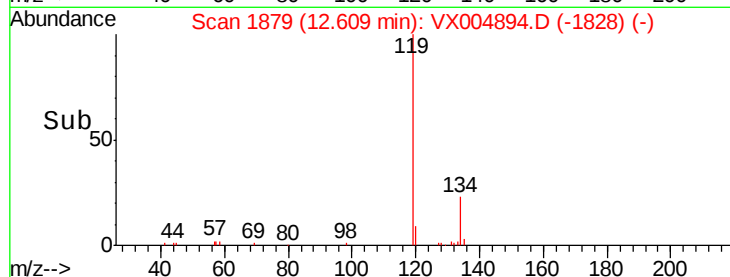
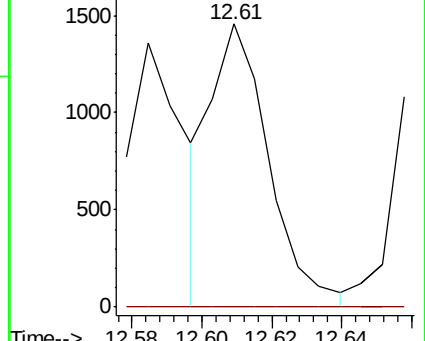
117 100

201 0.0 46.9 140.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 8.381 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004894.D

Acq: 02 Oct 2018 02:37

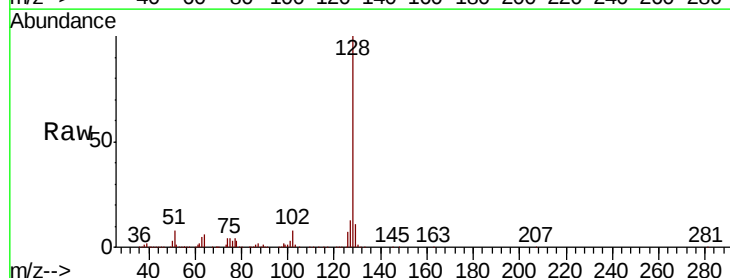
Tgt Ion:128 Resp: 135214

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.2

129 11.0 8.6 12.8



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

