

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111418\
 Data File : VX006008.D
 Acq On : 15 Nov 2018 07:12
 Operator : JC/MD
 Sample : J5915-03
 Misc : 5.06µl/5ml/100µl/5.00mL/MSVOA_X/MEOH
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T-3

Quant Time: Nov 15 07:47:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	137085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	209830	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	171014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	92224	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	77209	48.99	ug/l	0.00
Spiked Amount			Recovery	=	97.98%	
35) Dibromofluoromethane	5.51	113	64222	45.00	ug/l	0.00
Spiked Amount			Recovery	=	90.00%	
50) Toluene-d8	8.71	98	227451	47.94	ug/l	0.00
Spiked Amount			Recovery	=	95.88%	
62) 4-Bromofluorobenzene	11.14	95	83657	49.04	ug/l	0.00
Spiked Amount			Recovery	=	98.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	321	0.322	ug/l	94
11) Tert butyl alcohol	3.03	59	1811	4.011	ug/l #	72
13) Acrolein	2.33	56	21	19.254	ug/l #	77
16) Acetone	2.40	43	229	0.270	ug/l #	45
18) Methyl Acetate	2.81	43	2330	Below Cal		97
20) Methylene Chloride	2.84	84	778	0.558	ug/l #	86
25) 2-Butanone	4.76	43	604	0.453	ug/l #	51
29) Tetrahydrofuran	5.21	42	841	0.982	ug/l #	58
30) Chloroform	5.21	83	3806	1.560	ug/l	100
31) Cyclohexane	5.58	56	2117	0.964	ug/l #	48
36) 1,1-Dichloropropene	5.66	75	9851	4.870	ug/l #	49
38) Carbon Tetrachloride	5.65	117	13369	6.602	ug/l #	15
39) Methylcyclohexane	7.45	83	1679	0.819	ug/l	91
41) Methacrylonitrile	5.20	41	719	0.500	ug/l #	47
43) Isopropyl Acetate	6.49	43	896	0.232	ug/l #	63
47) Bromodichloromethane	7.91	83	406	0.239	ug/l #	83
48) Methyl methacrylate	7.73	41	467	0.270	ug/l #	75
51) 4-Methyl-2-Pentanone	8.67	43	1222	0.503	ug/l #	80
55) 1,1,2-Trichloroethane	9.16	97	991	0.675	ug/l #	19
56) Ethyl methacrylate	9.16	69	460	0.209	ug/l #	84
59) 2-Hexanone	9.44	43	1759	0.821	ug/l #	26
67) Ethyl Benzene	10.26	91	10978	1.998	ug/l	98
68) m/p-Xylenes	10.36	106	15995	7.633	ug/l	100
69) o-Xylene	10.70	106	2980	1.586	ug/l	91
73) Isopropylbenzene	11.02	105	4960	0.930	ug/l	98
74) N-amyl acetate	10.91	43	971	1.567	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.24	83	632	0.323	ug/l #	86
76) 1,2,3-Trichloropropane	11.14	75	41101	21.887	ug/l #	37
78) n-propylbenzene	11.36	91	29325	4.666	ug/l	97
79) 2-Chlorotoluene	11.44	91	12799	3.369	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	37196	8.207	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.14	75	41101	69.757	ug/l #	9
82) 4-Chlorotoluene	11.51	91	4221	0.943	ug/l #	44
83) tert-Butylbenzene	11.81	119	15216	3.319	ug/l #	59

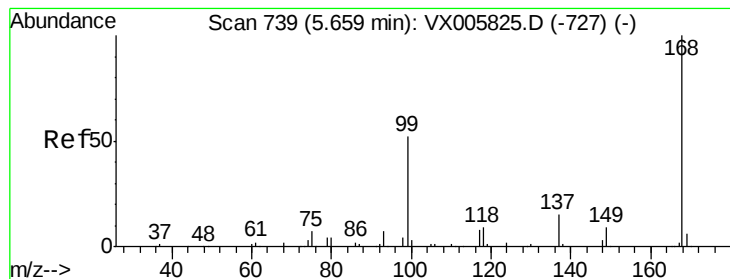
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111418\
 Data File : VX006008.D
 Acq On : 15 Nov 2018 07:12
 Operator : JC/MD
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 Misc : 5.06g/5ml/100ul/5.00mL/MSVOA_X/MEOH
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Quant Time: Nov 15 07:47:20 2018
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 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.81	105	123579	24.647	ug/l	100
85) sec-Butylbenzene	11.95	105	5579	0.995	ug/l	91
86) p-Isopropyltoluene	12.07	119	2587	0.521	ug/l	88
89) n-Butylbenzene	12.38	91	23447	5.094	ug/l #	32
90) Hexachloroethane	12.59	117	2744	3.309	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	13.02	75	309	0.647	ug/l #	6
95) Naphthalene	13.83	128	15548	3.466	ug/l #	95

(#) = 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. -0.01 min

Lab File: VX006008.D

Acq: 15 Nov 2018 07:12

Instrument :

MSVOA_X

ClientSampled :

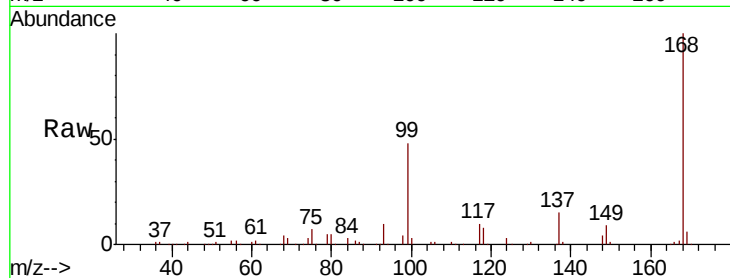
T-3

Tot Ion:168 Resp: 137085

Ion Ratio Lower Upper

168 100

99 48.0 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

40000

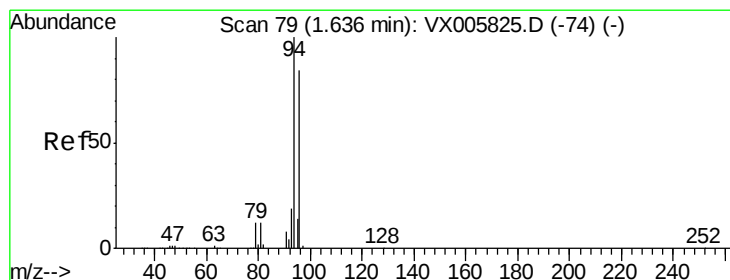
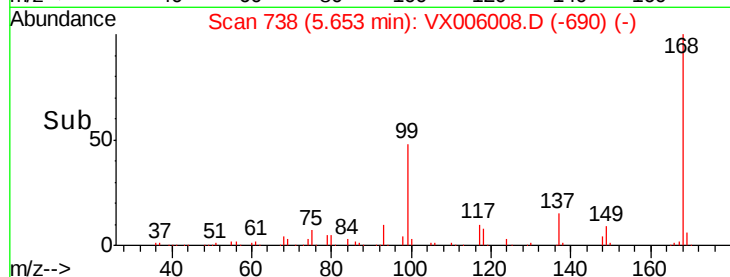
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.322 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX006008.D

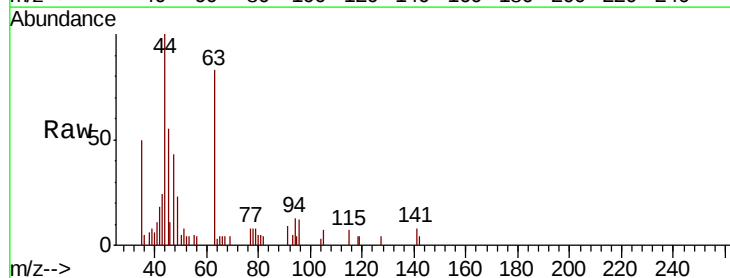
Acq: 15 Nov 2018 07:12

Tgt Ion: 94 Resp: 321

Ion Ratio Lower Upper

94 100

96 88.4 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

200

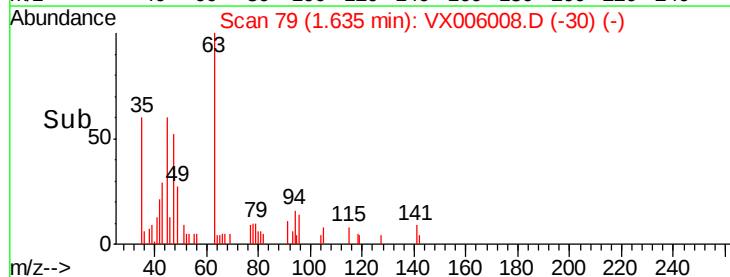
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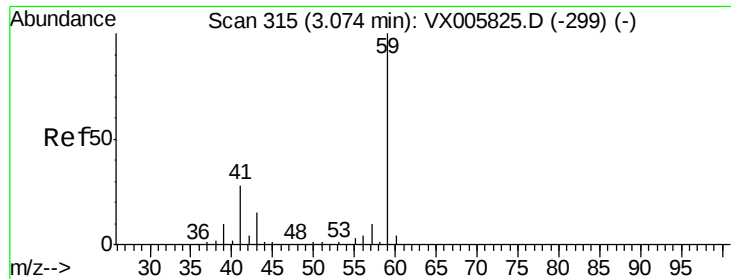
100

50

0

Time--> 1.60 1.65

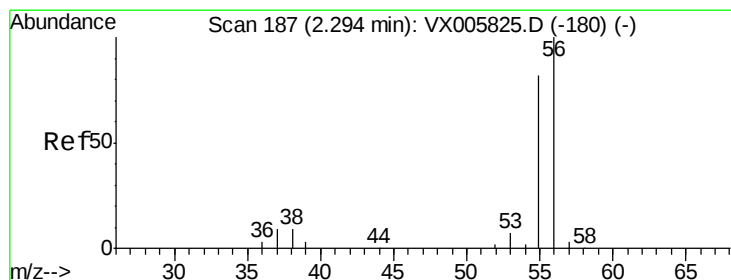
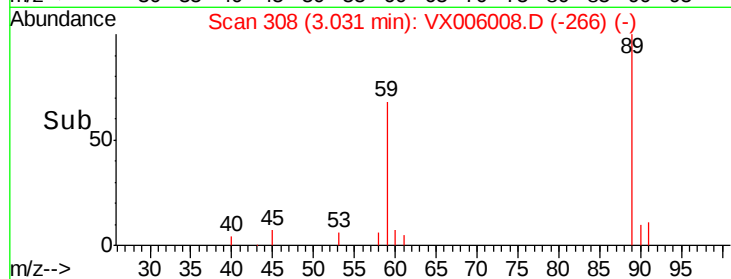
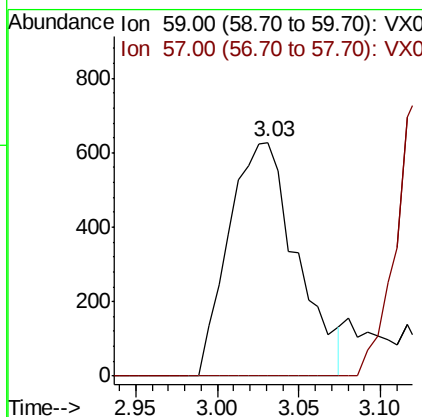
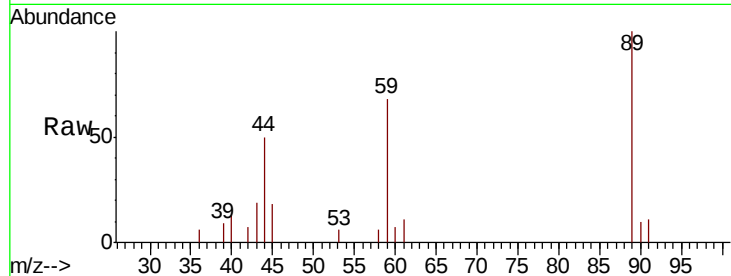




#11
Tert butyl alcohol
Concen: 4.011 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.04 min
Lab File: VX006008.D
Acq: 15 Nov 2018 07:12

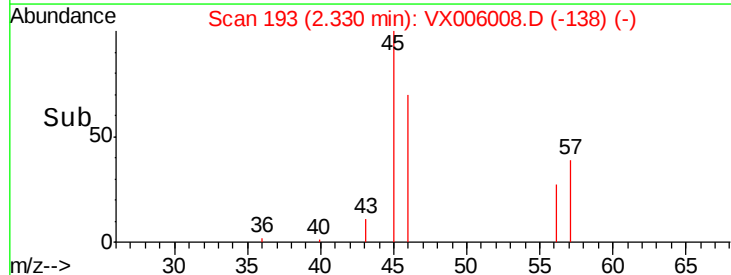
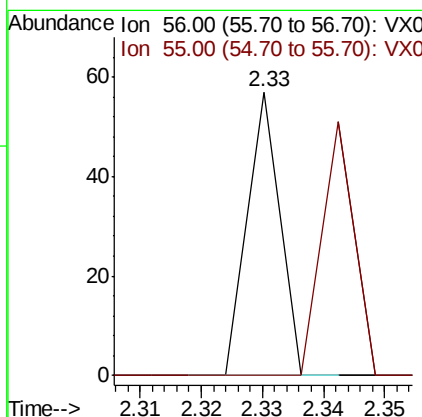
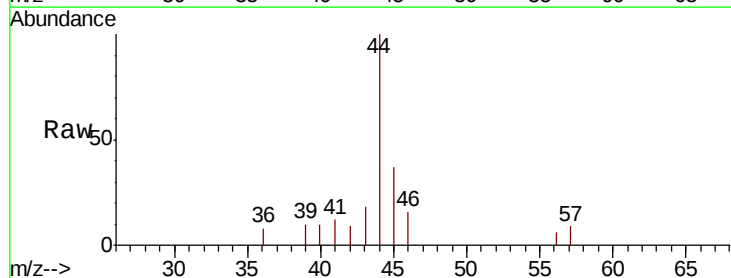
Instrument :
MSVOA_X
ClientSampled :
T-3

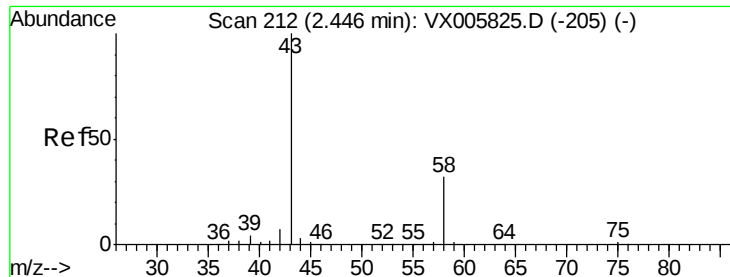
Tot Ion: 59 Resp: 1811
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#13
Acrolein
Concen: 19.254 ug/l
RT: 2.33 min Scan# 193
Delta R.T. 0.04 min
Lab File: VX006008.D
Acq: 15 Nov 2018 07:12

Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 90.5 57.3 85.9#





#16

Acetone

Concen: 0.270 ug/l

RT: 2.40 min Scan# 204

Delta R.T. -0.05 min

Lab File: VX006008.D

Acq: 15 Nov 2018 07:12

Instrument :

MSVOA_X

ClientSampled :

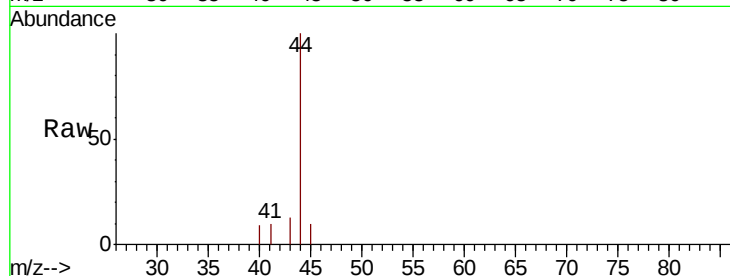
T-3

Tot Ion: 43 Resp: 229

Ion Ratio Lower Upper

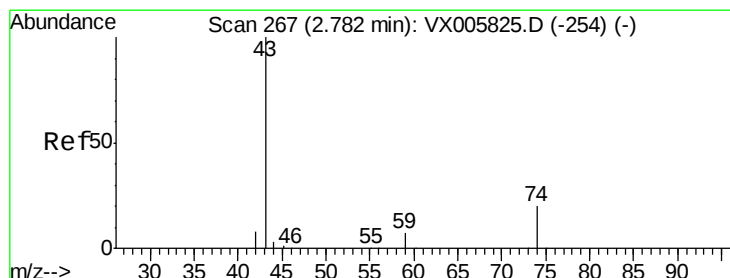
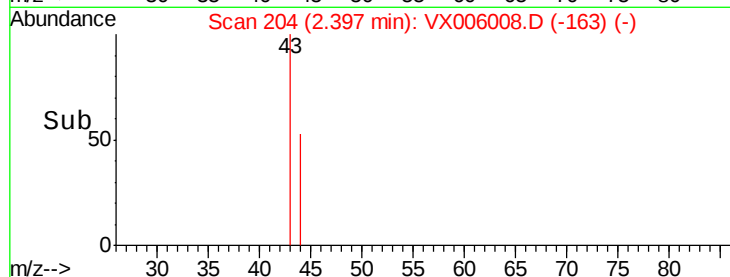
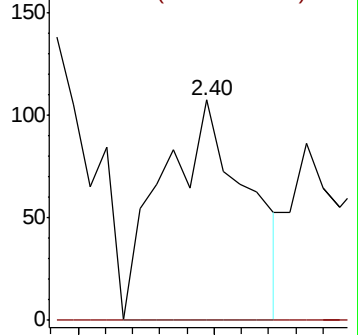
43 100

58 0.0 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: Below Cal

RT: 2.81 min Scan# 272

Delta R.T. 0.03 min

Lab File: VX006008.D

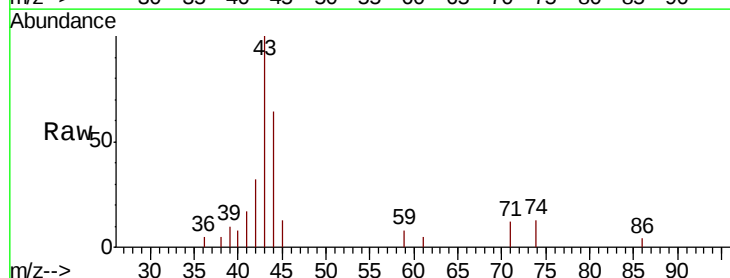
Acq: 15 Nov 2018 07:12

Tgt Ion: 43 Resp: 2330

Ion Ratio Lower Upper

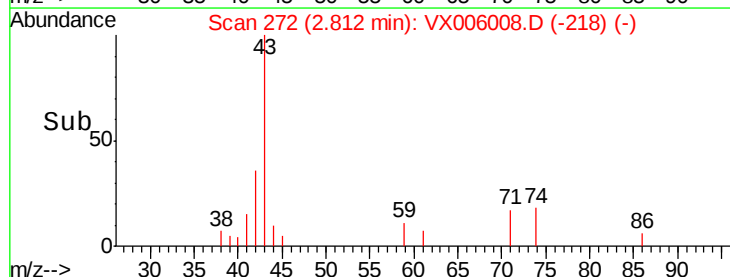
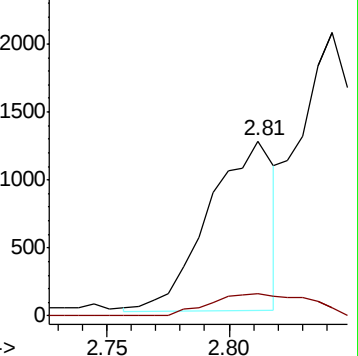
43 100

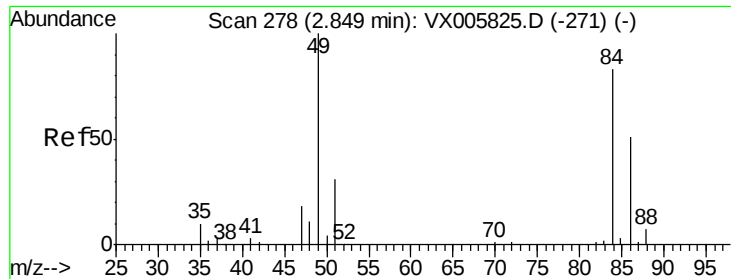
74 19.8 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

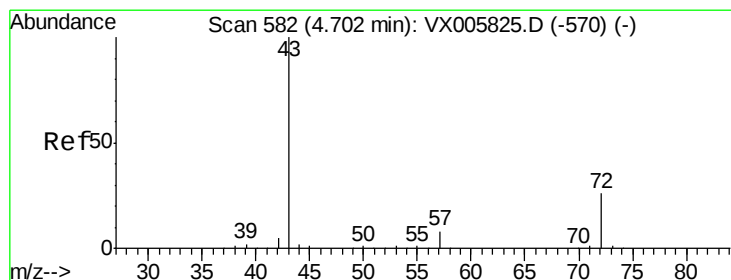
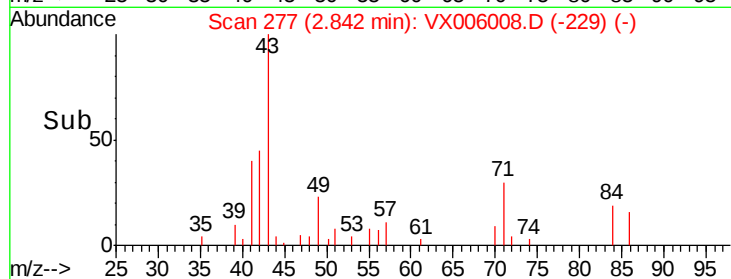
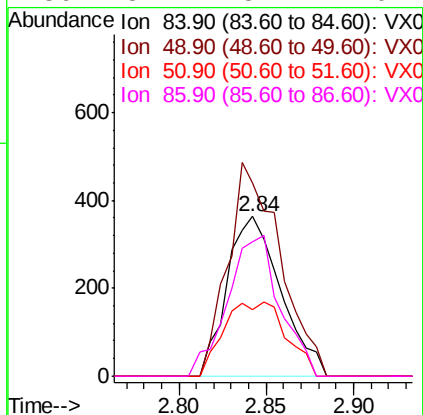
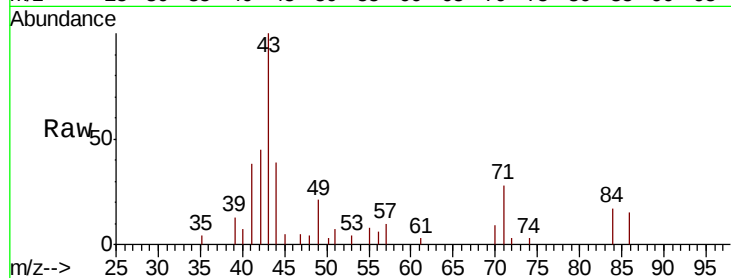




#20
Methvlene Chloride
Concen: 0.558 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.01 min
Lab File: VX006008.D
Acq: 15 Nov 2018 07:12

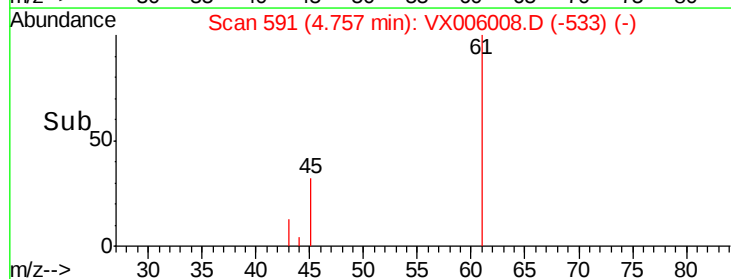
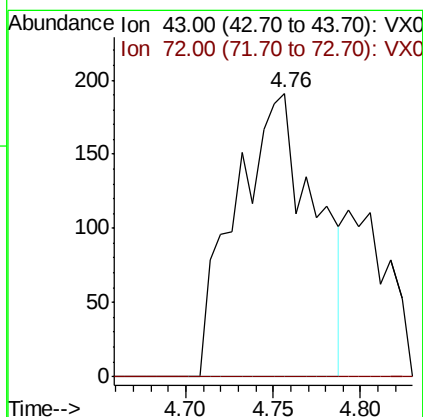
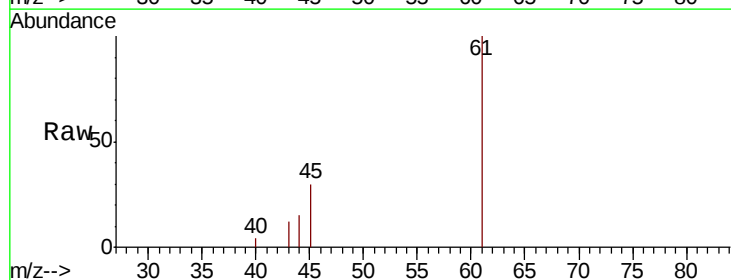
Instrument :
MSVOA_X
ClientSampled :
T-3

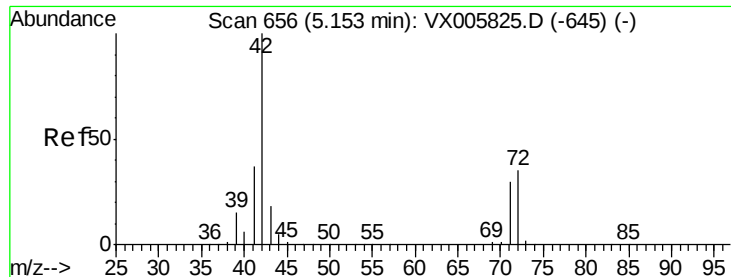
Tot Ion: 84 Resp: 778
Ion Ratio Lower Upper
84 100
49 121.2 109.5 164.3
51 41.2 33.3 49.9
86 84.1 52.7 79.1#



#25
2-Butanone
Concen: 0.453 ug/l
RT: 4.76 min Scan# 591
Delta R.T. 0.05 min
Lab File: VX006008.D
Acq: 15 Nov 2018 07:12

Tgt Ion: 43 Resp: 604
Ion Ratio Lower Upper
43 100
72 0.0 19.2 28.8#

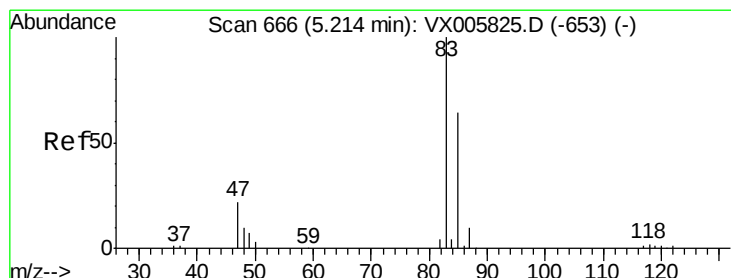
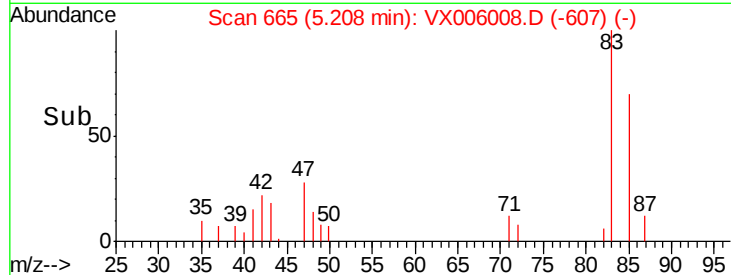
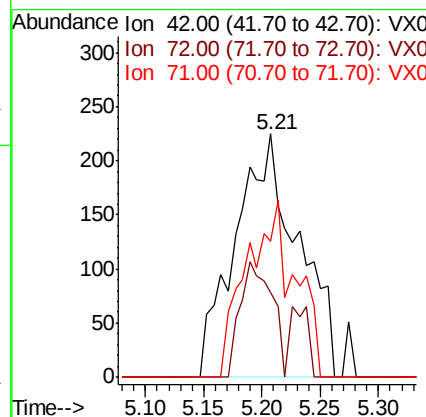
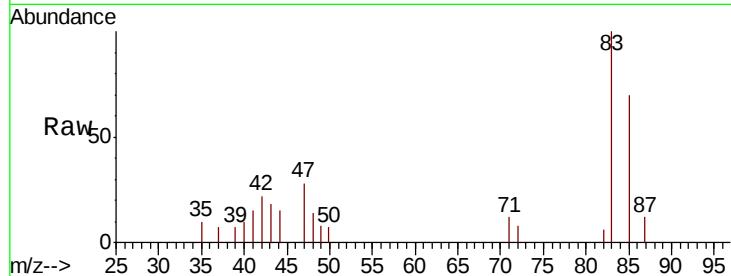




#29
Tetrahydrofuran
Concen: 0.982 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.05 min
Lab File: VX006008.D
Acq: 15 Nov 2018 07:12

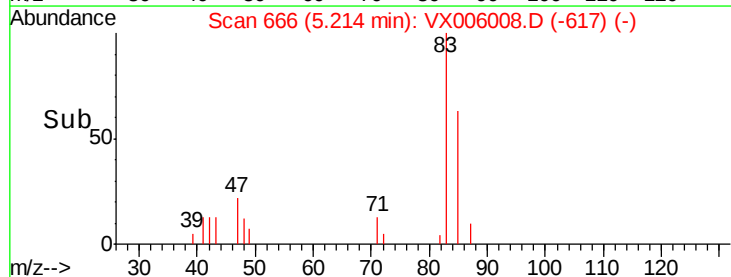
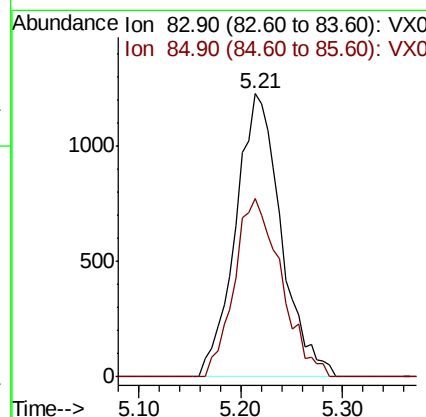
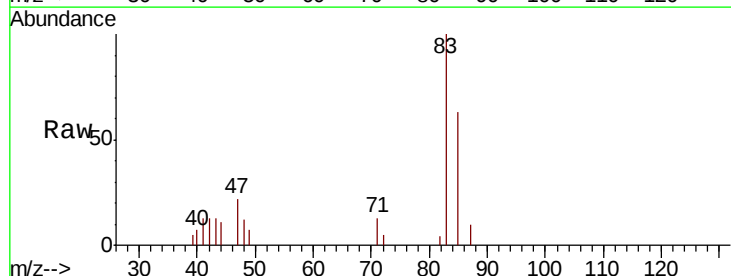
Instrument :
MSVOA_X
ClientSampled :
T-3

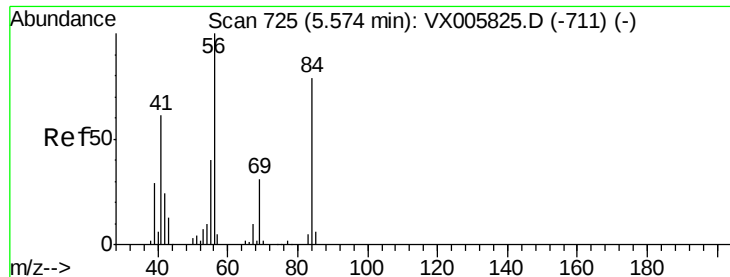
Tot Ion: 42 Resp: 841
Ion Ratio Lower Upper
42 100
72 8.1 32.0 48.0#
71 56.2 29.8 44.8#



#30
Chloroform
Concen: 1.560 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006008.D
Acq: 15 Nov 2018 07:12

Tgt Ion: 83 Resp: 3806
Ion Ratio Lower Upper
83 100
85 63.3 50.6 76.0

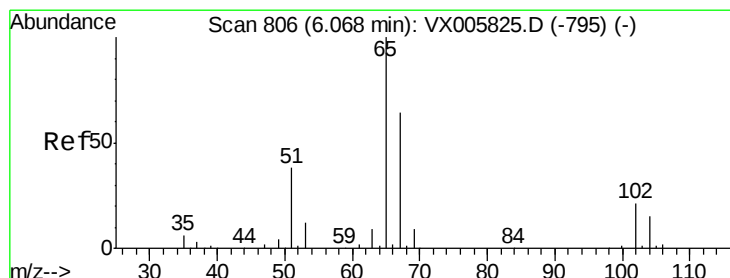
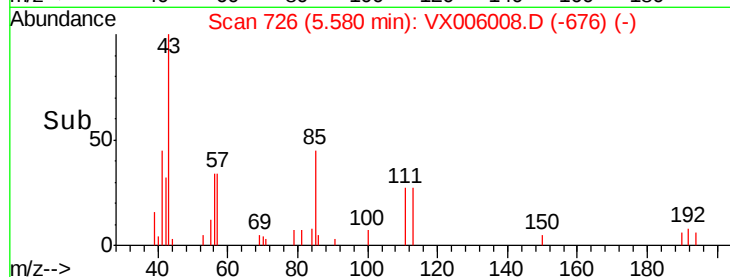
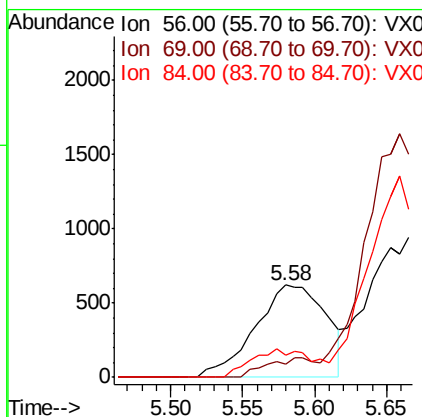
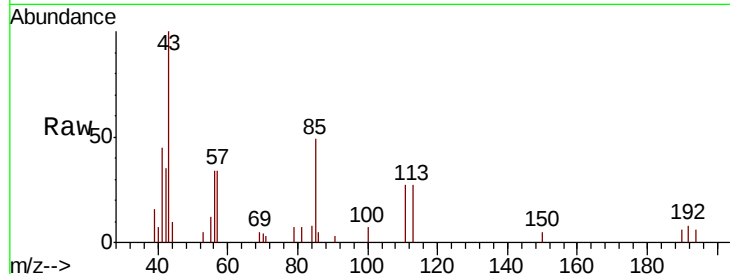




#31
Cyclohexane
Concen: 0.964 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006008.D
Acq: 15 Nov 2018 07:12

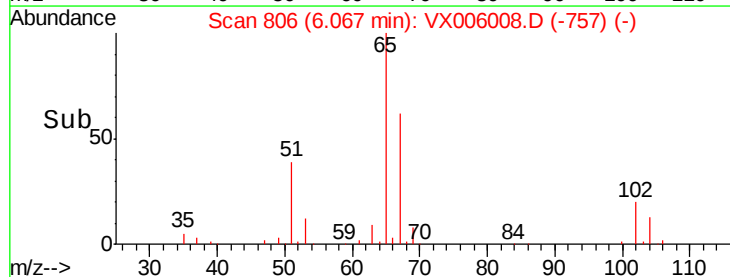
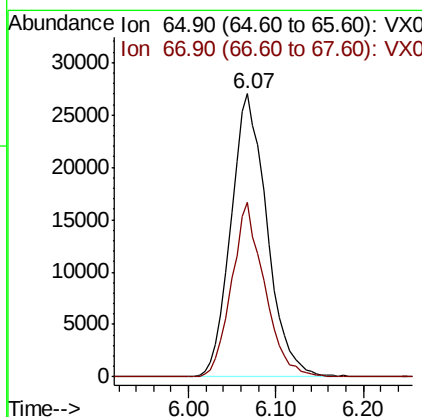
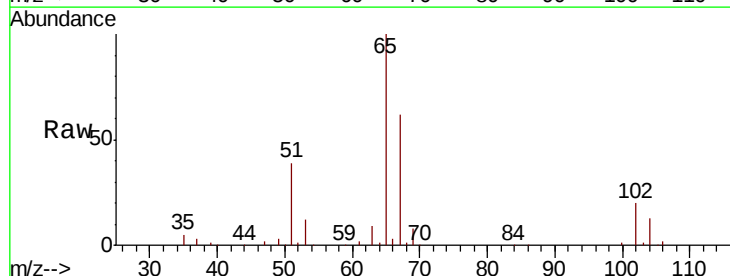
Instrument :
MSVOA_X
ClientSampleId :
T-3

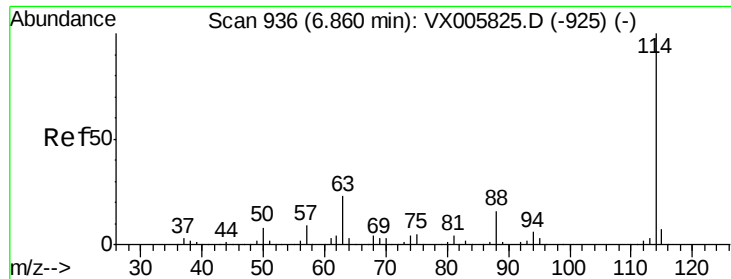
Tot Ion: 56 Resp: 2117
Ion Ratio Lower Upper
56 100
69 14.8 22.6 34.0#
84 24.6 62.7 94.1#



#33
1,2-Dichloroethane-d4
Concen: 48.991 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX006008.D
Acq: 15 Nov 2018 07:12

Tgt Ion: 65 Resp: 77209
Ion Ratio Lower Upper
65 100
67 56.5 0.0 105.0

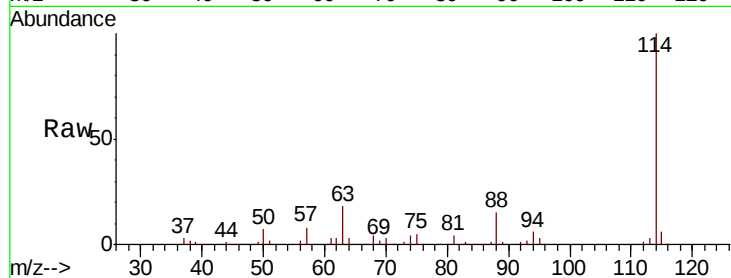




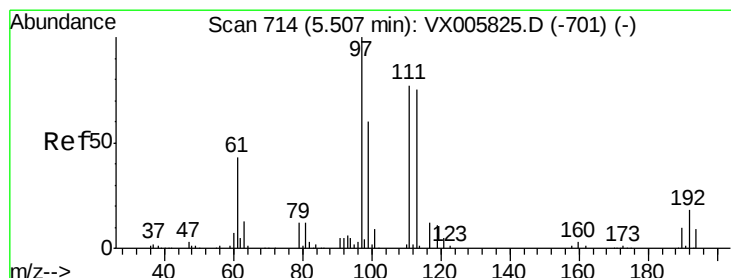
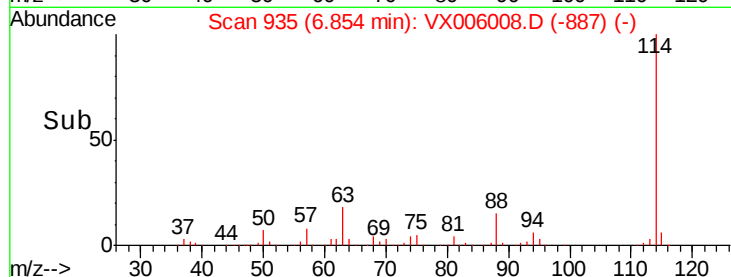
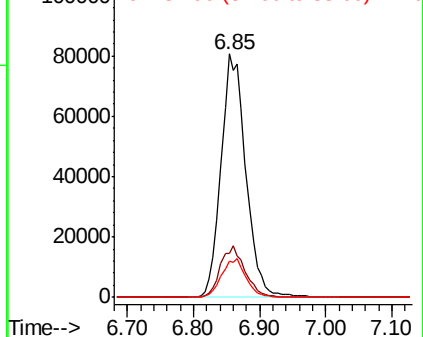
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.01 min
Lab File: VX006008.D
Acq: 15 Nov 2018 07:12

Instrument :
MSVOA_X
ClientSampled :
T-3

Tot Ion:114 Resp: 209830
Ion Ratio Lower Upper
114 100
63 18.3 0.0 42.8
88 14.7 0.0 31.2

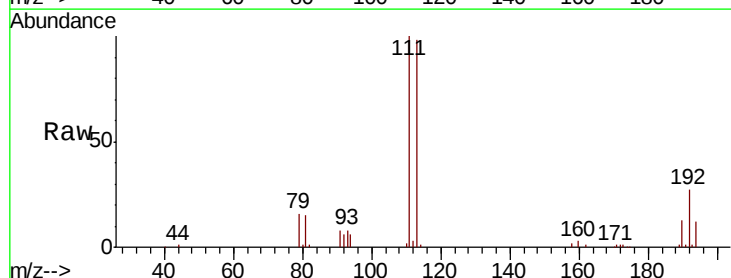


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

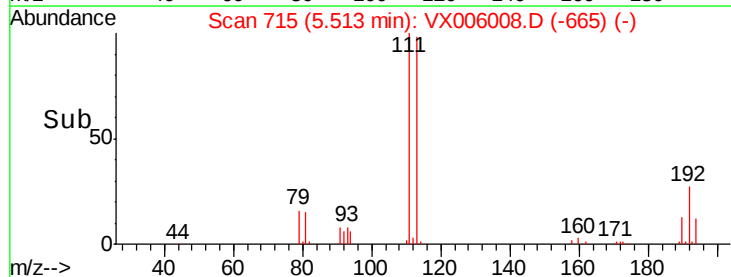
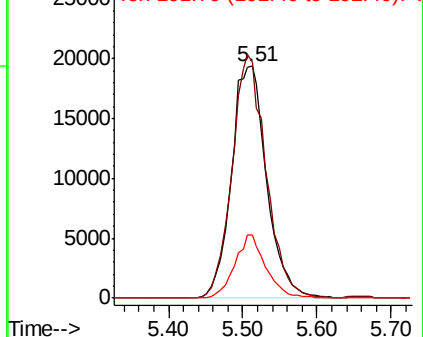


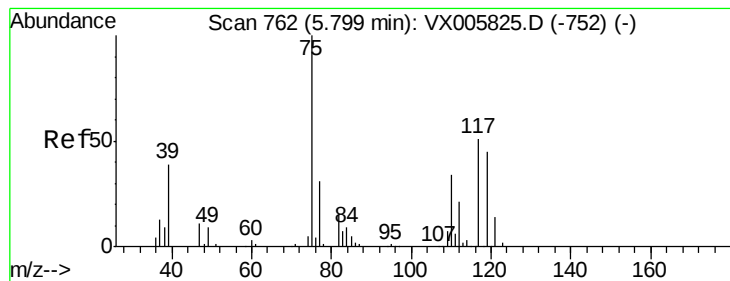
#35
Dibromofluoromethane
Concen: 45.000 ug/l
RT: 5.51 min Scan# 715
Delta R.T. 0.01 min
Lab File: VX006008.D
Acq: 15 Nov 2018 07:12

Tgt Ion:113 Resp: 64222
Ion Ratio Lower Upper
113 100
111 101.3 82.3 123.5
192 23.8 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.870 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006008.D

Acq: 15 Nov 2018 07:12

Instrument :

MSVOA_X

ClientSampled :

T-3

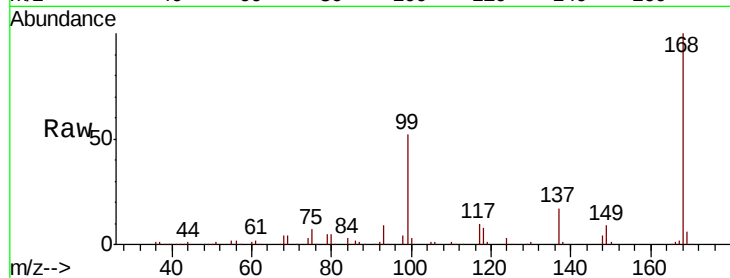
Tot Ion: 75 Resp: 9851

Ion Ratio Lower Upper

75 100

110 8.7 17.4 52.2#

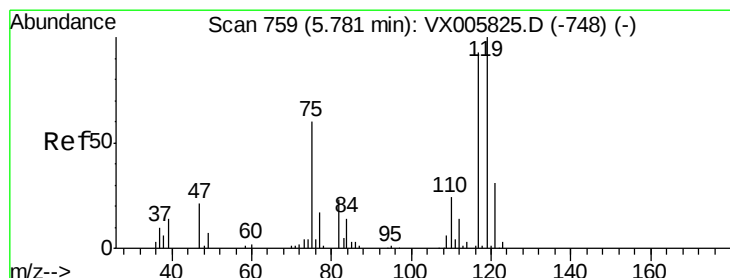
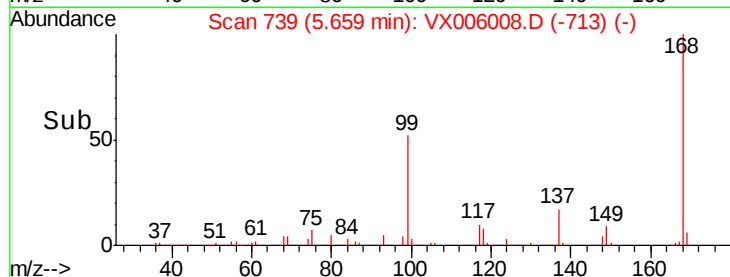
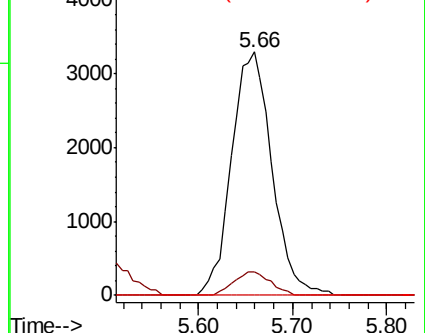
77 0.0 25.8 38.6#



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: 6.602 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX006008.D

Acq: 15 Nov 2018 07:12

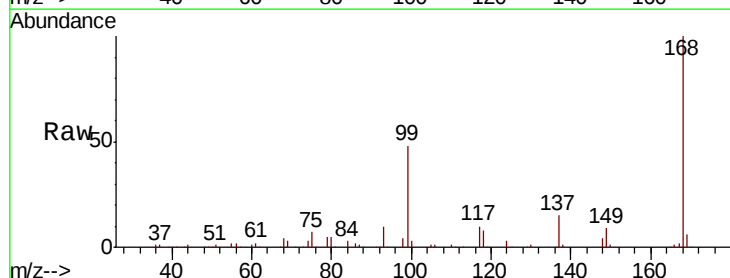
Tgt Ion:117 Resp: 13369

Ion Ratio Lower Upper

117 100

119 4.8 78.1 117.1#

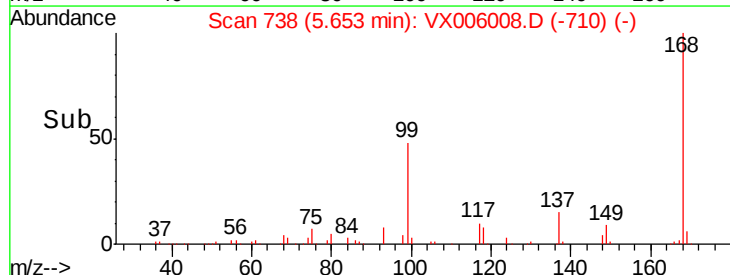
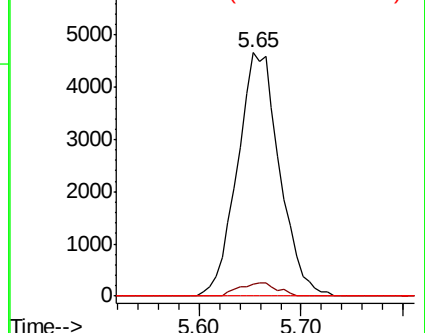
121 0.0 24.6 36.8#

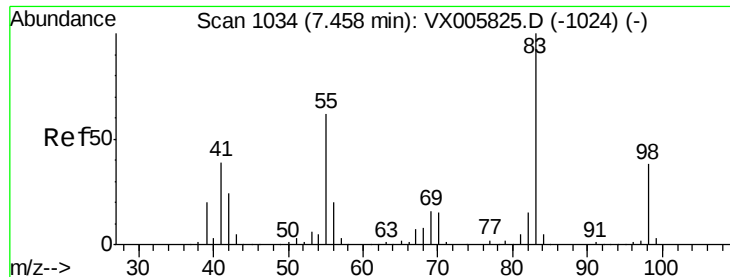


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

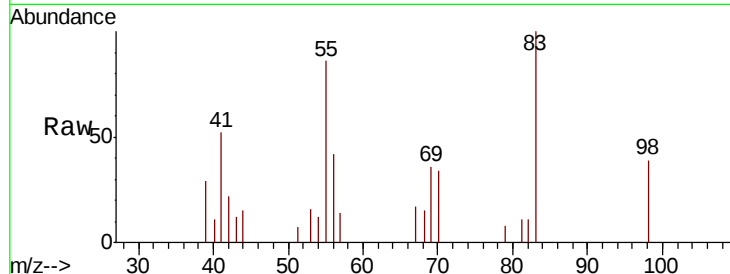




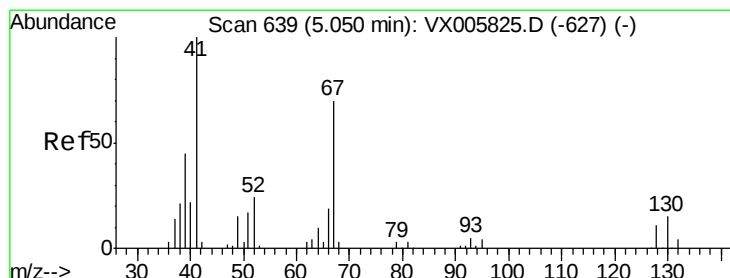
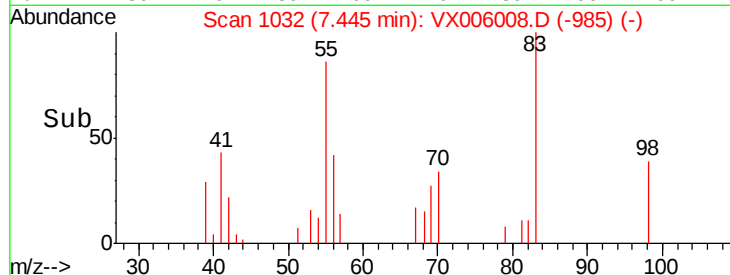
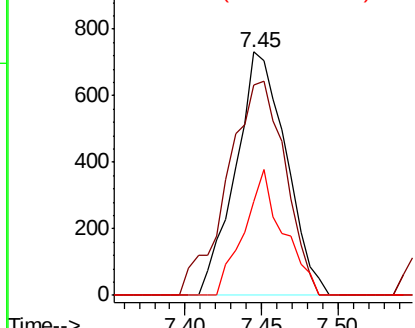
#39
Methvlcvclohexane
Concen: 0.819 ug/l
RT: 7.45 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VX006008.D
Acq: 15 Nov 2018 07:12

Instrument :
MSVOA_X
ClientSampled :
T-3

Tot Ion: 83 Resp: 1679
Ion Ratio Lower Upper
83 100
55 86.5 63.7 95.5
98 38.7 36.2 54.2

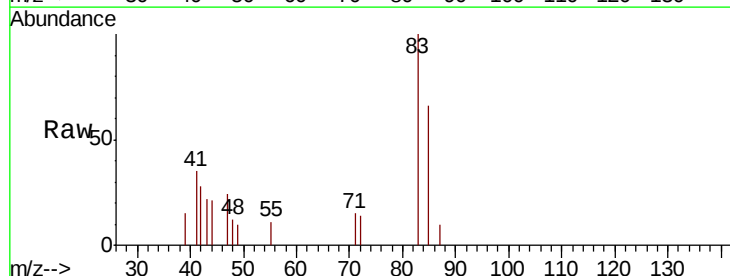


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

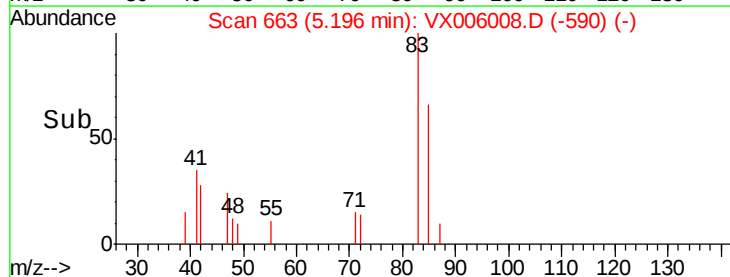
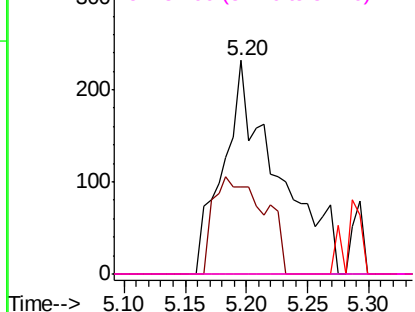


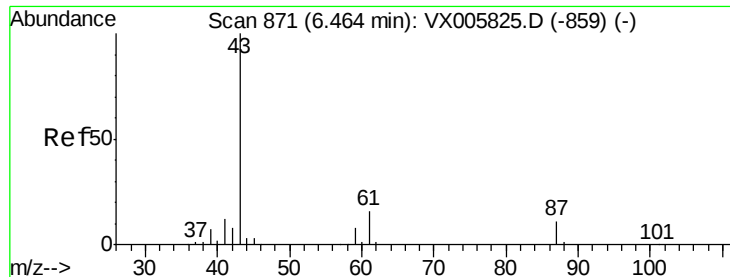
#41
Methacrylonitrile
Concen: 0.500 ug/l
RT: 5.20 min Scan# 663
Delta R.T. 0.15 min
Lab File: VX006008.D
Acq: 15 Nov 2018 07:12

Tgt Ion: 41 Resp: 719
Ion Ratio Lower Upper
41 100
39 42.7 42.2 63.2
67 0.0 53.4 80.0#
52 0.0 23.4 35.2#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0





#43

Isopropyl Acetate

Concen: 0.232 ug/l

RT: 6.49 min Scan# 876

Delta R.T. 0.03 min

Lab File: VX006008.D

Acq: 15 Nov 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

T-3

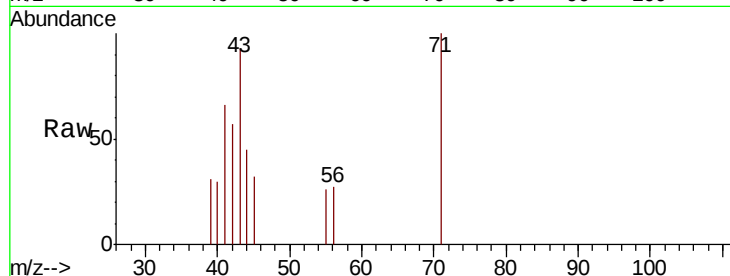
Tot Ion: 43 Resp: 896

Ion Ratio Lower Upper

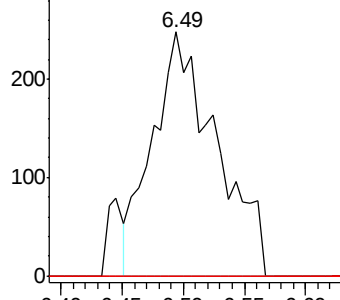
43 100

61 0.0 14.6 22.0#

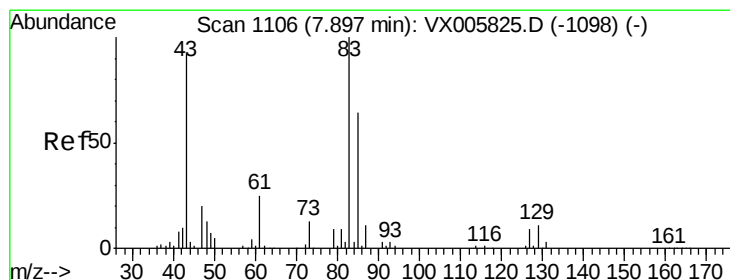
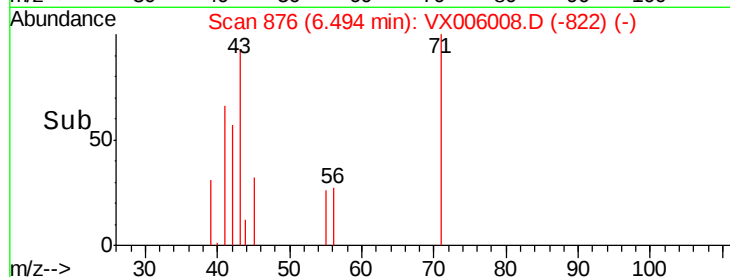
87 0.0 9.6 14.4#



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-->



#47

Bromodichloromethane

Concen: 0.239 ug/l

RT: 7.91 min Scan# 1108

Delta R.T. 0.01 min

Lab File: VX006008.D

Acq: 15 Nov 2018 07:12

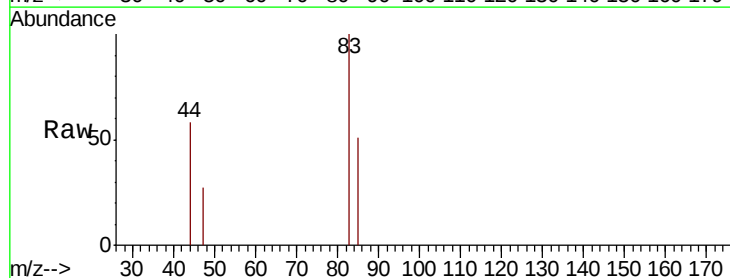
Tgt Ion: 83 Resp: 406

Ion Ratio Lower Upper

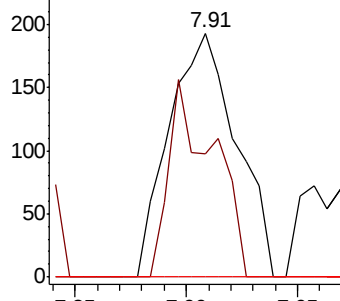
83 100

85 50.8 50.2 75.4

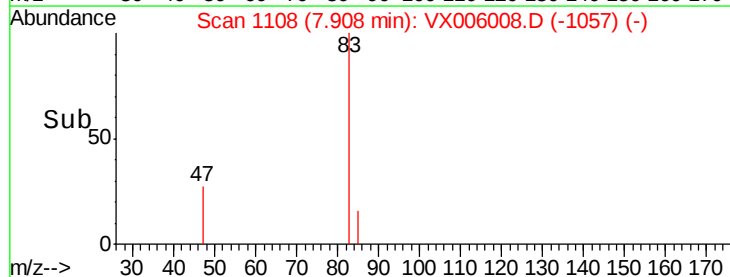
127 0.0 6.9 10.3#

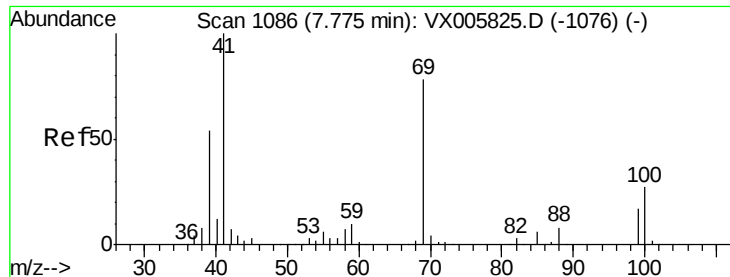


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



Time-->

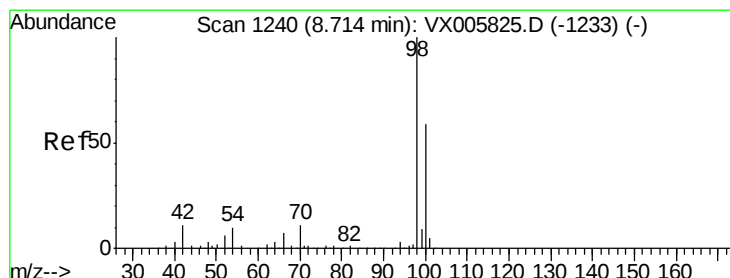
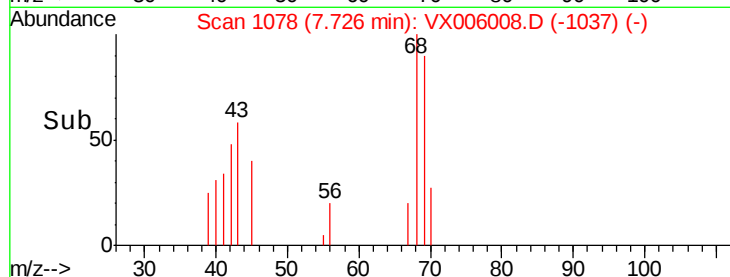
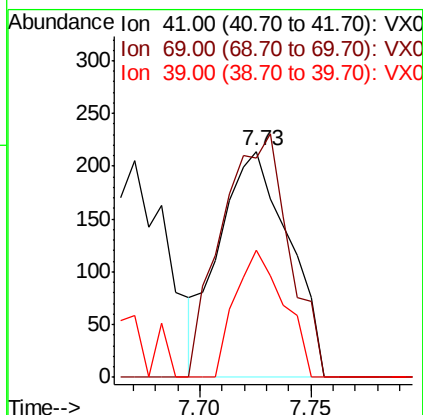
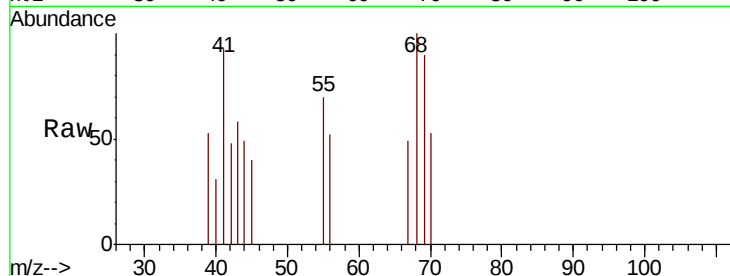




#48
Methyl methacrylate
Concen: 0.270 ug/l
RT: 7.73 min Scan# 1078
Delta R.T. -0.05 min
Lab File: VX006008.D
Acq: 15 Nov 2018 07:12

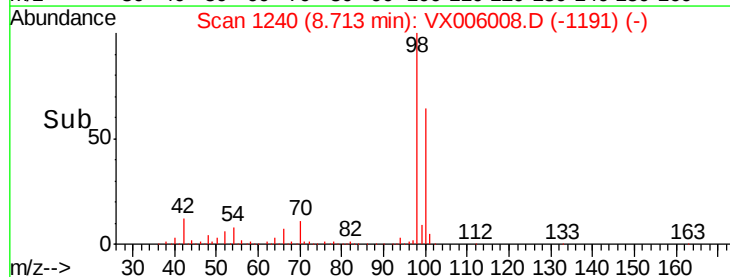
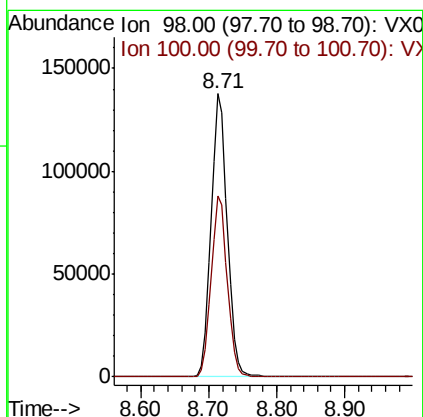
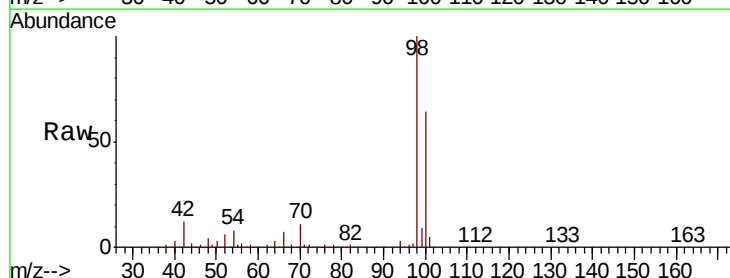
Instrument :
MSVOA_X
ClientSampleId :
T-3

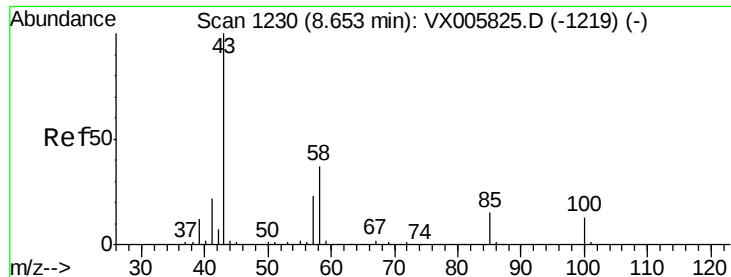
Tot Ion: 41 Resp: 467
Ion Ratio Lower Upper
41 100
69 103.9 63.2 94.8#
39 39.4 42.2 63.2#



#50
Toluene-d8
Concen: 47.938 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006008.D
Acq: 15 Nov 2018 07:12

Tgt Ion: 98 Resp: 227451
Ion Ratio Lower Upper
98 100
100 63.7 51.3 76.9

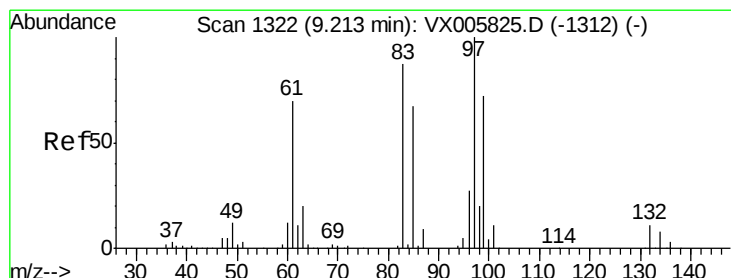
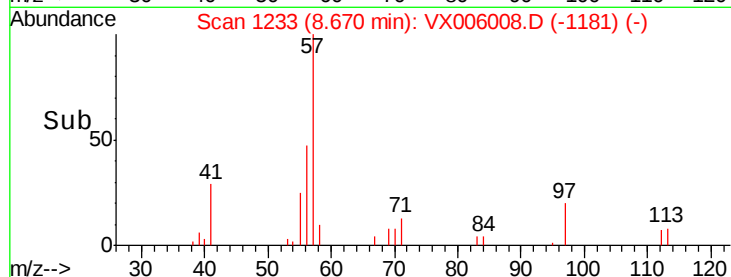
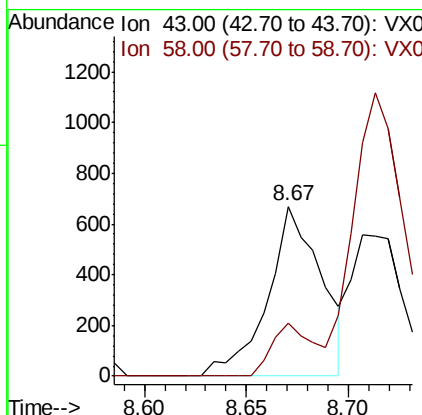
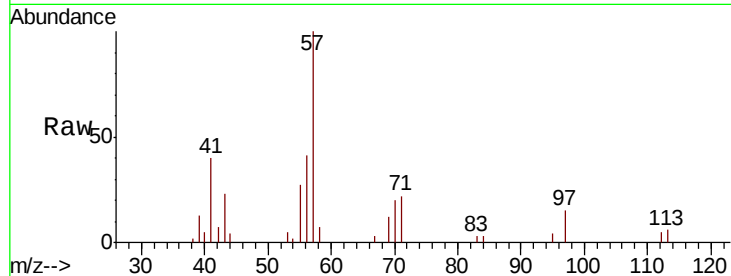




#51
 4-Methyl-2-Pentanone
 Concen: 0.503 ug/l
 RT: 8.67 min Scan# 1233
 Delta R.T. 0.02 min
 Lab File: VX006008.D
 Acq: 15 Nov 2018 07:12

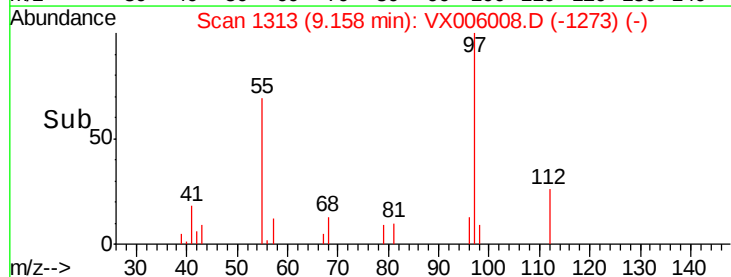
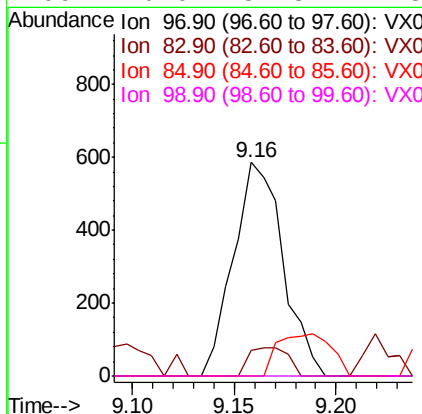
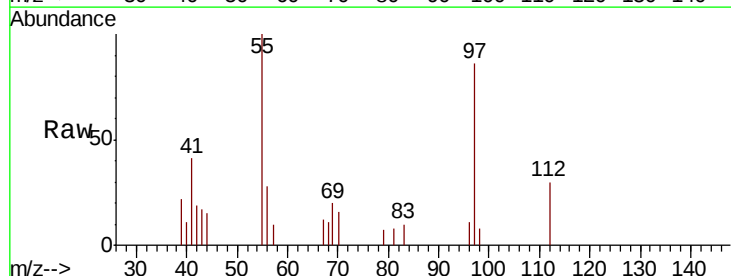
Instrument :
 MSVOA_X
 ClientSampled :
 T-3

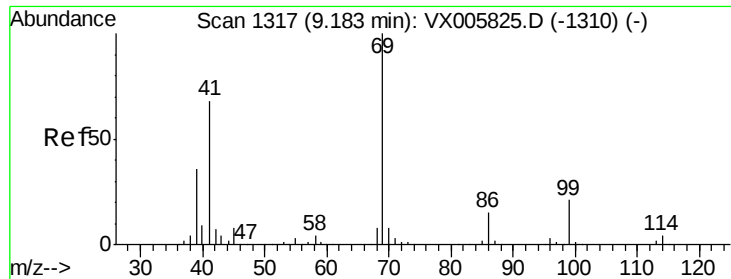
Tot Ion: 43 Resp: 1222
 Ion Ratio Lower Upper
 43 100
 58 25.0 29.7 44.5#



#55
 1,1,2-Trichloroethane
 Concen: 0.675 ug/l
 RT: 9.16 min Scan# 1313
 Delta R.T. -0.06 min
 Lab File: VX006008.D
 Acq: 15 Nov 2018 07:12

Tgt Ion: 97 Resp: 991
 Ion Ratio Lower Upper
 97 100
 83 11.9 70.7 106.1#
 85 0.0 45.8 68.6#
 99 0.0 51.8 77.8#





#56

Ethyl methacrylate

Concen: 0.209 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.02 min

Lab File: VX006008.D

Acq: 15 Nov 2018 07:12

Instrument :
MSVOA_X
ClientSampled :
T-3

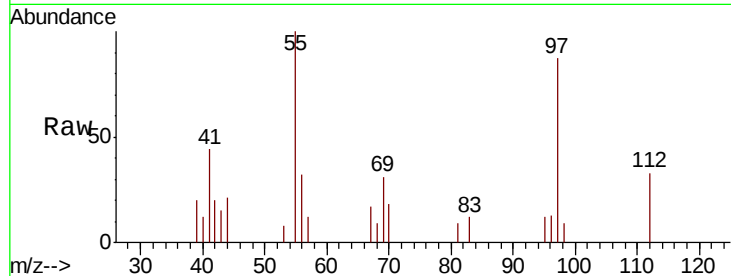
Tot Ion: 69 Resp: 460

Ion Ratio Lower Upper

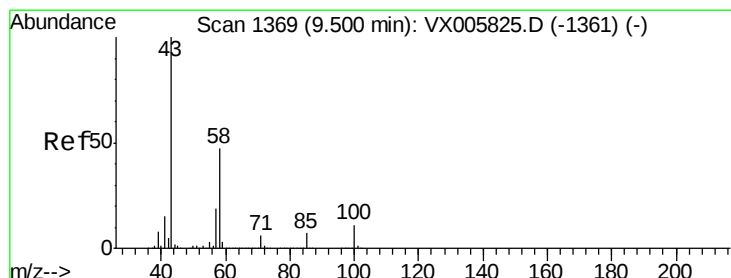
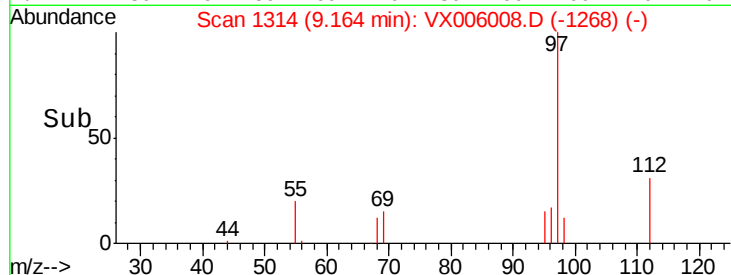
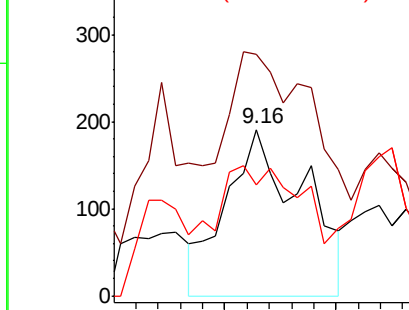
69 100

41 87.6 57.0 85.6#

39 40.4 28.3 42.5



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



#59

2-Hexanone

Concen: 0.821 ug/l

RT: 9.44 min Scan# 1359

Delta R.T. -0.06 min

Lab File: VX006008.D

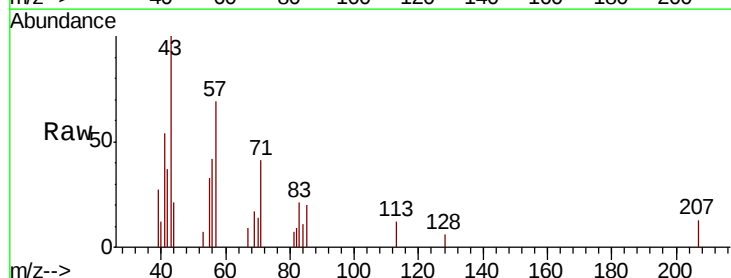
Acq: 15 Nov 2018 07:12

Tgt Ion: 43 Resp: 1759

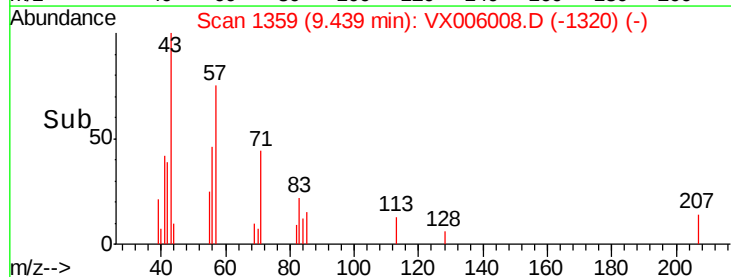
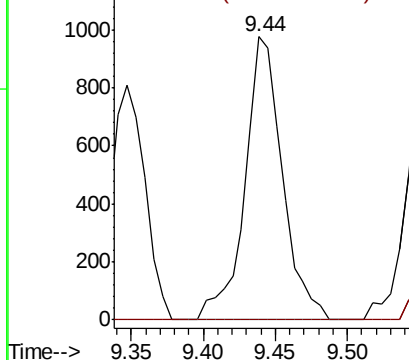
Ion Ratio Lower Upper

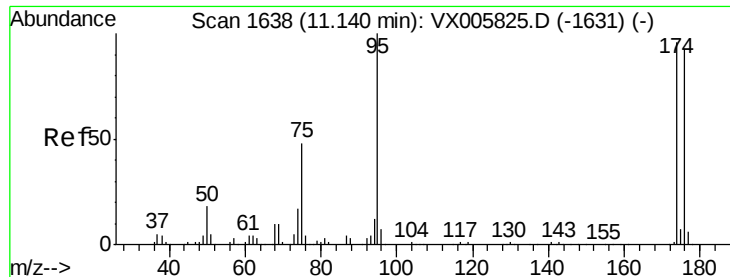
43 100

58 0.0 25.9 77.8#



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





#62

4-Bromofluorobenzene

Concen: 49.040 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006008.D

Acq: 15 Nov 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

T-3

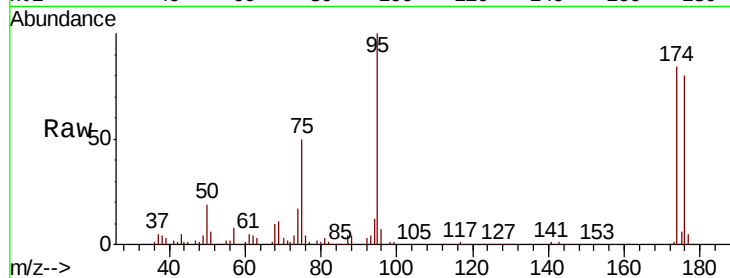
Tot Ion: 95 Resp: 83657

Ion Ratio Lower Upper

95 100

174 89.3 0.0 184.4

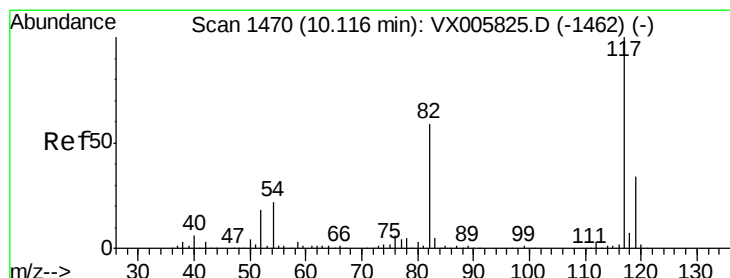
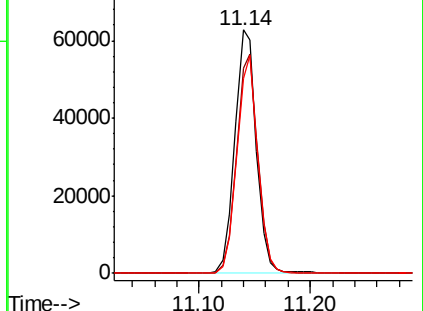
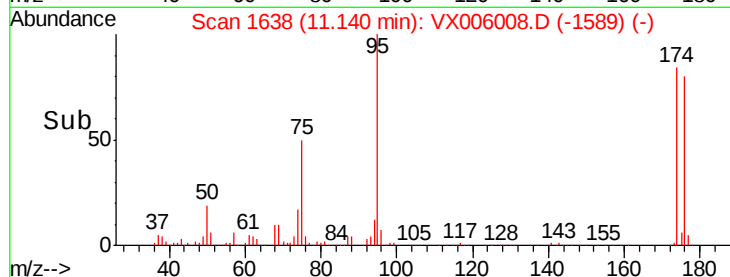
176 86.9 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX006008.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX006008.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX006008.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006008.D

Acq: 15 Nov 2018 07:12

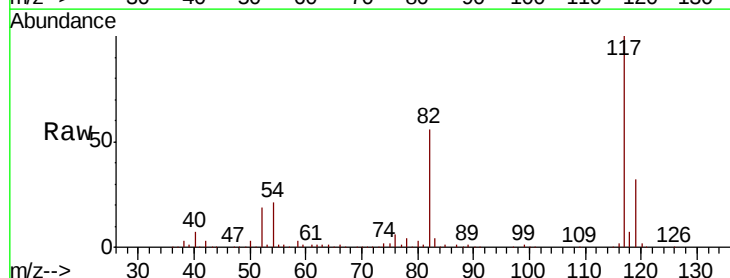
Tgt Ion: 117 Resp: 171014

Ion Ratio Lower Upper

117 100

82 55.5 44.1 66.1

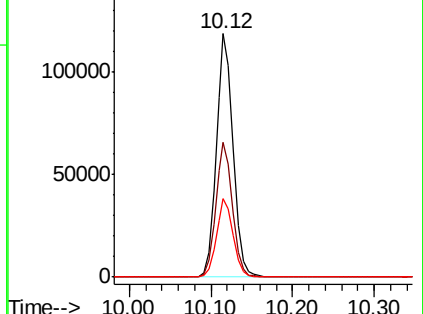
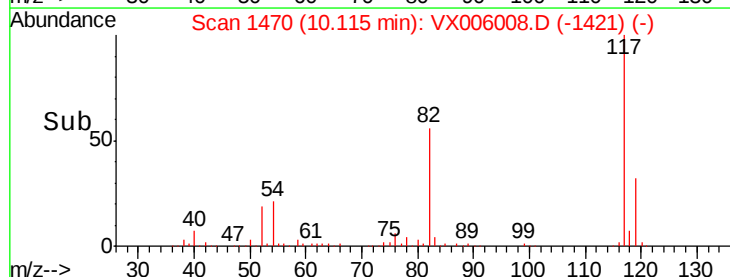
119 32.1 26.2 39.2

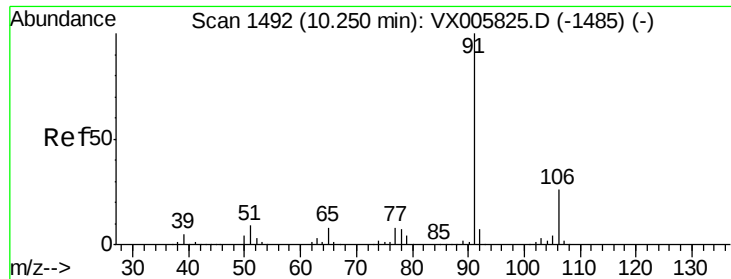


Abundance Ion 116.90 (116.60 to 117.60): VX006008.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006008.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006008.D (-1421) (-)

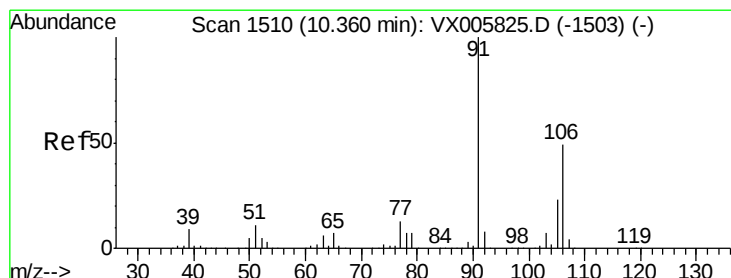
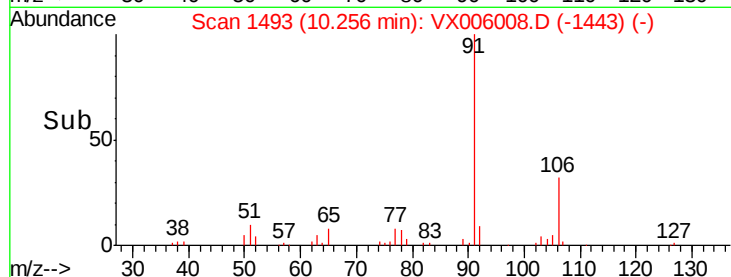
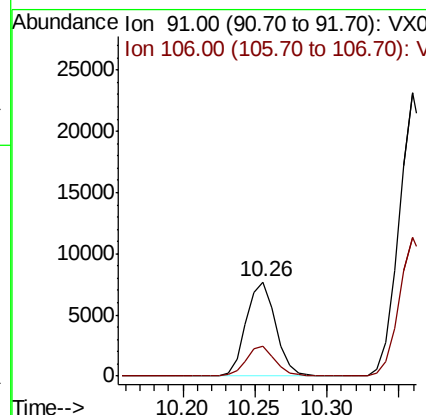
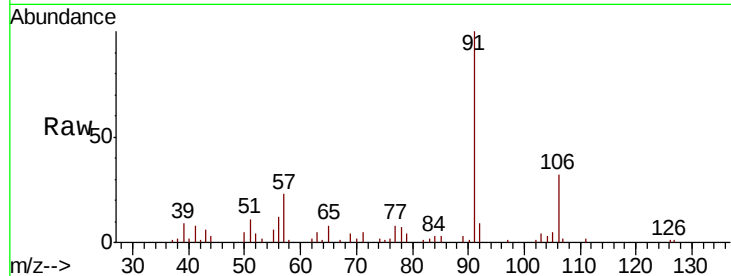




#67
Ethyl Benzene
Concen: 1.998 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX006008.D
Acq: 15 Nov 2018 07:12

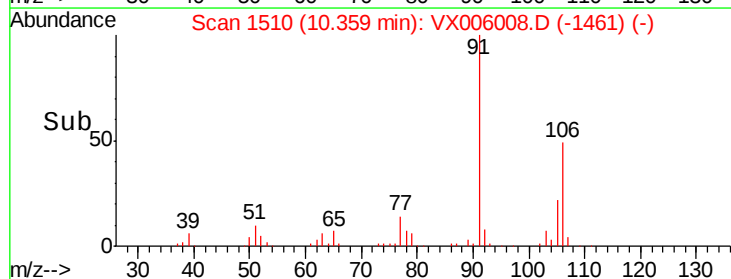
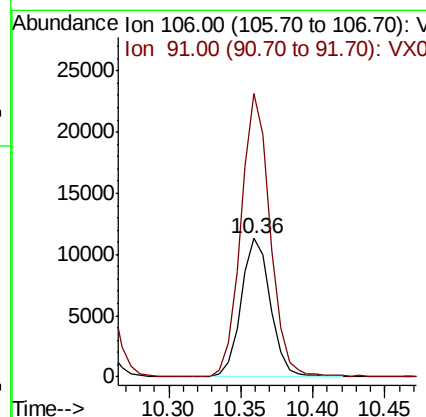
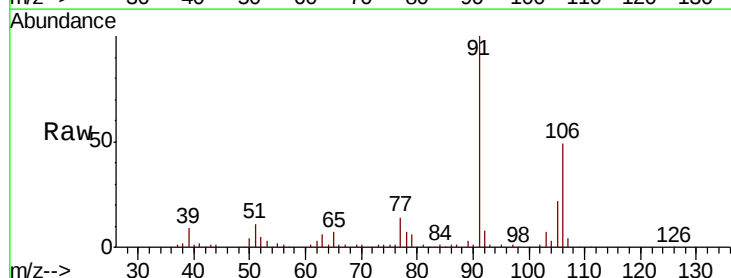
Instrument :
MSVOA_X
ClientSampled :
T-3

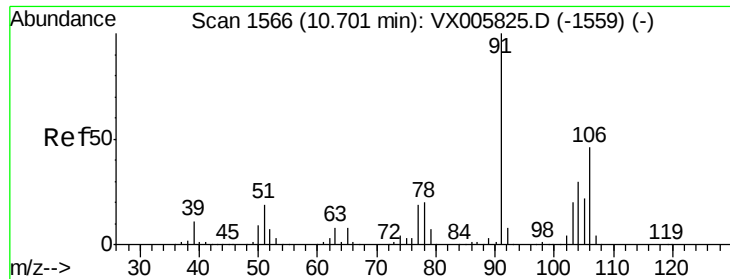
Tot Ion: 91 Resp: 10978
Ion Ratio Lower Upper
91 100
106 31.7 24.4 36.6



#68
m/p-Xylenes
Concen: 7.633 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006008.D
Acq: 15 Nov 2018 07:12

Tgt Ion: 106 Resp: 15995
Ion Ratio Lower Upper
106 100
91 205.3 164.2 246.4

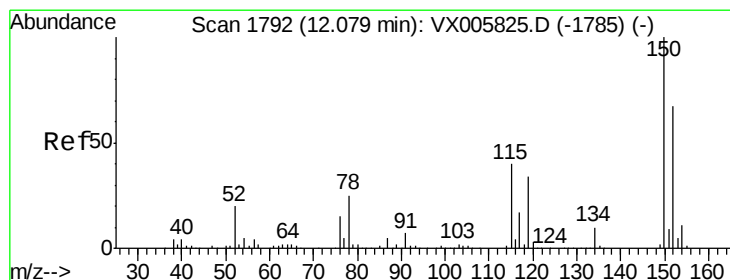
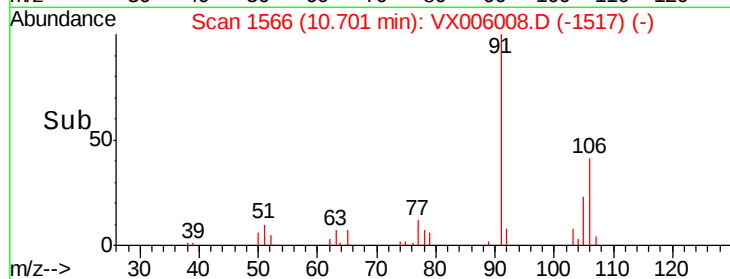
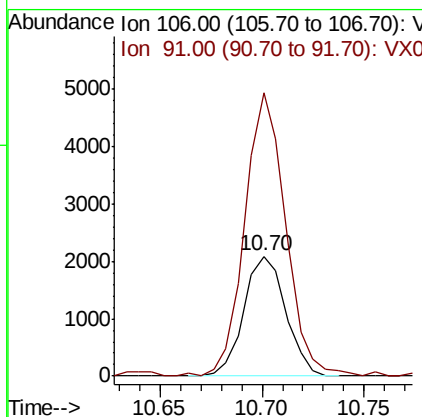
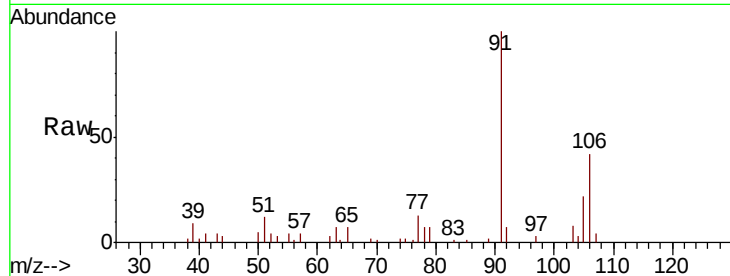




#69
o-Xylene
Concen: 1.586 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006008.D
Acq: 15 Nov 2018 07:12

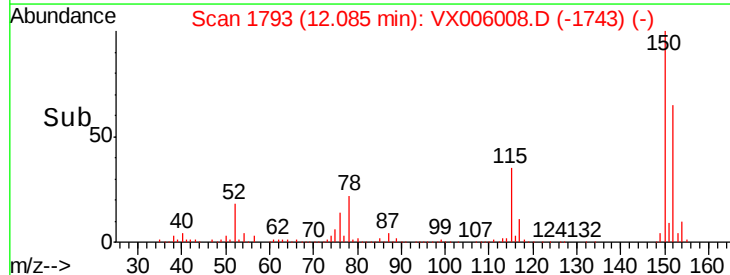
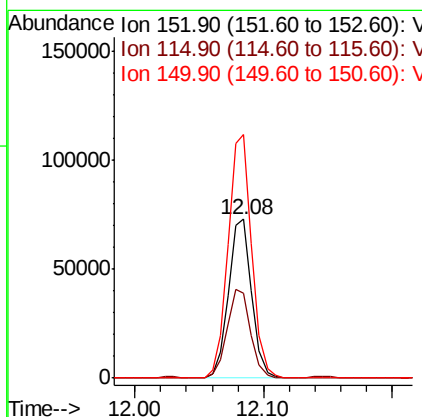
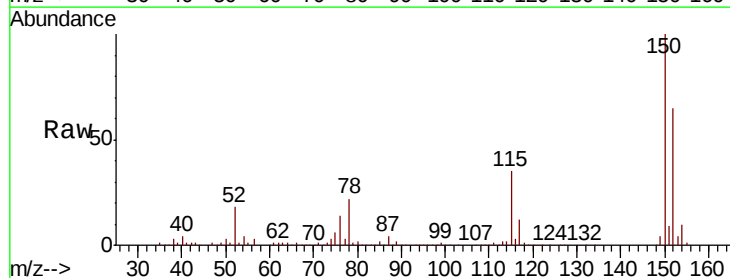
Instrument :
MSVOA_X
ClientSampled :
T-3

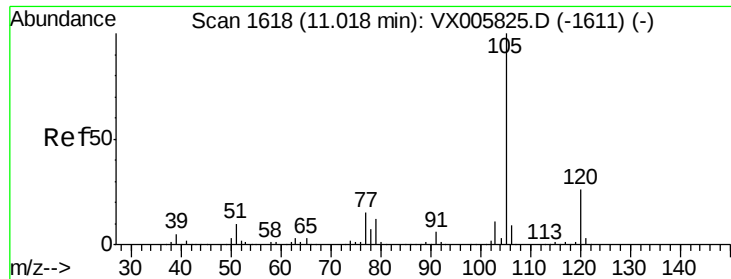
Tot Ion:106 Resp: 2980
Ion Ratio Lower Upper
106 100
91 231.2 108.5 325.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1793
Delta R.T. 0.01 min
Lab File: VX006008.D
Acq: 15 Nov 2018 07:12

Tgt Ion:152 Resp: 92224
Ion Ratio Lower Upper
152 100
115 56.2 39.4 118.1
150 155.6 0.0 346.4





#73

Isopropylbenzene

Concen: 0.930 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006008.D

Acq: 15 Nov 2018 07:12

Instrument :

MSVOA_X

ClientSampled :

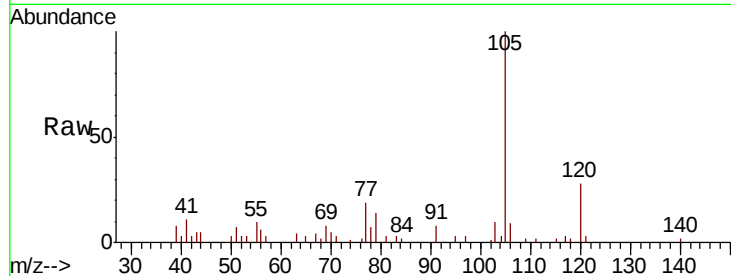
T-3

Tot Ion:105 Resp: 4960

Ion Ratio Lower Upper

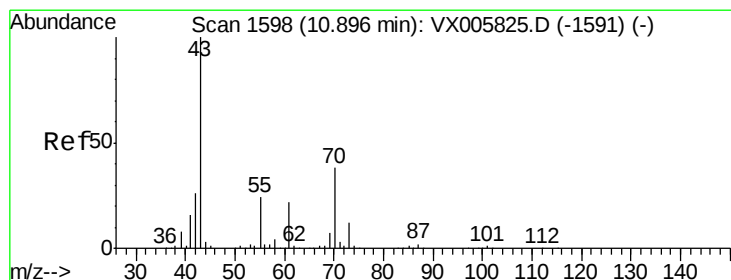
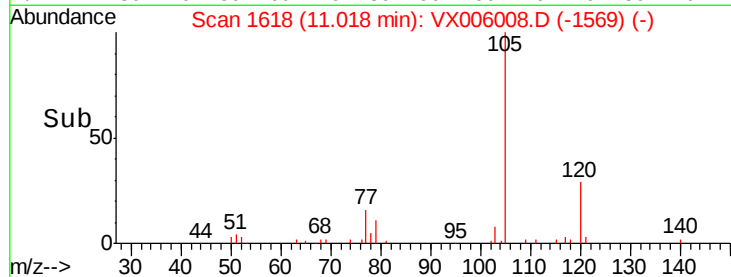
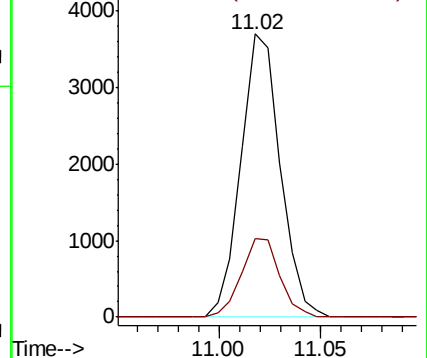
105 100

120 27.3 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.567 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.02 min

Lab File: VX006008.D

Acq: 15 Nov 2018 07:12

Tgt Ion: 43 Resp: 971

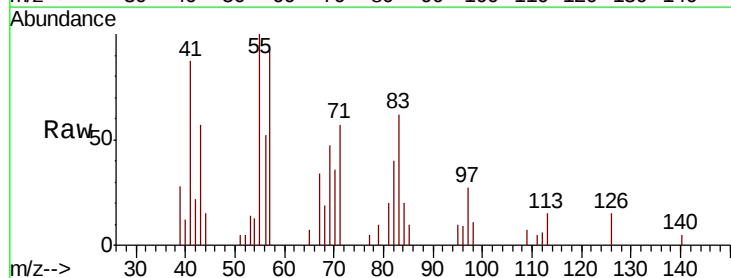
Ion Ratio Lower Upper

43 100

70 127.4 31.6 47.4#

55 182.1 19.7 29.5#

61 0.0 18.3 27.5#

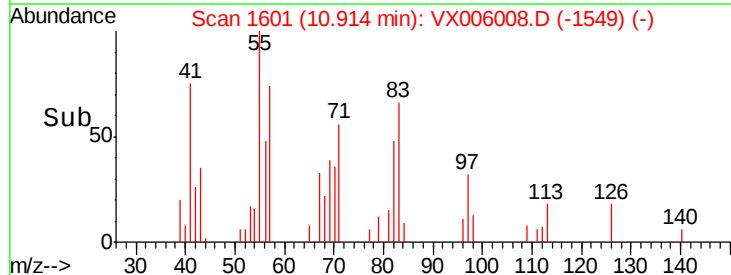
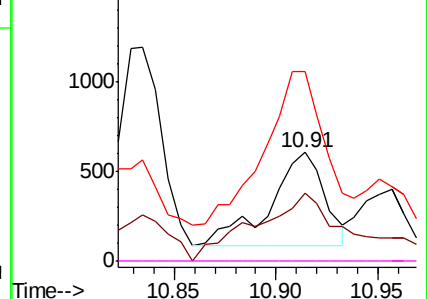


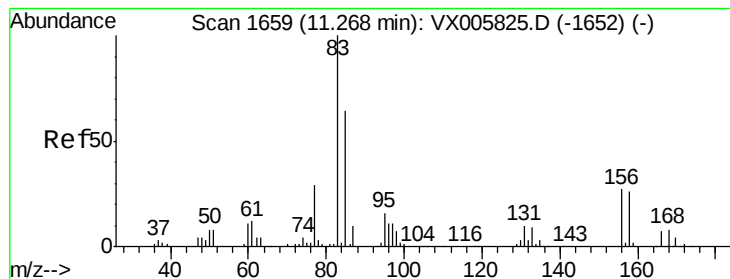
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 0.323 ug/l

RT: 11.24 min Scan# 1655

Delta R.T. -0.02 min

Lab File: VX006008.D

Acq: 15 Nov 2018 07:12

Instrument :

MSVOA_X

ClientSampled :

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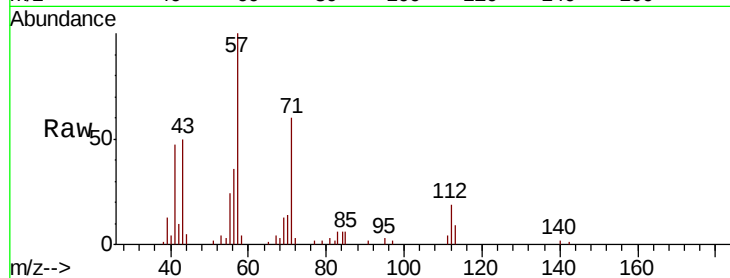
Tot Ion: 83 Resp: 632

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

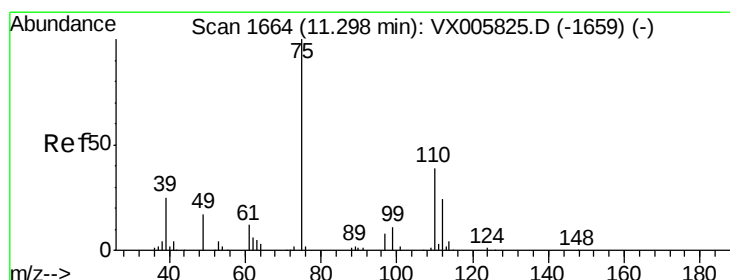
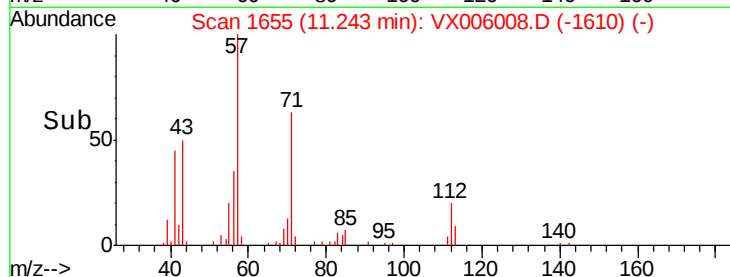
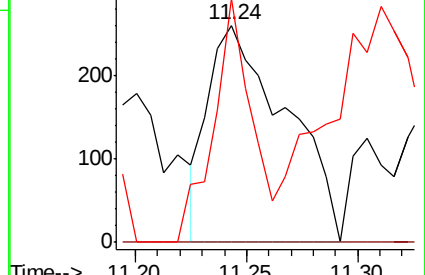
85 54.7 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.887 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX006008.D

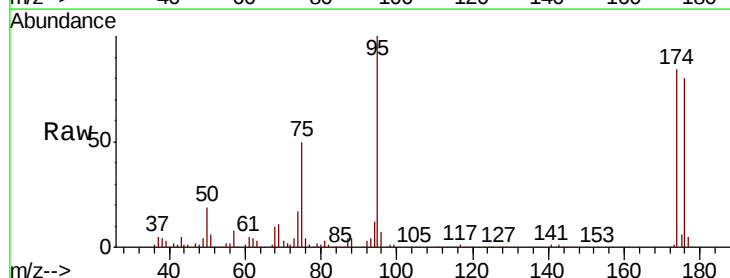
Acq: 15 Nov 2018 07:12

Tgt Ion: 75 Resp: 41101

Ion Ratio Lower Upper

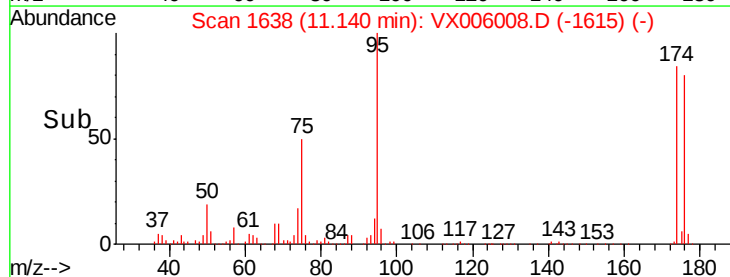
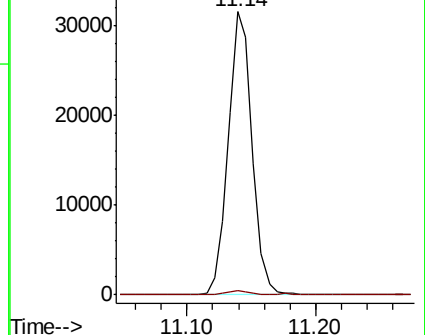
75 100

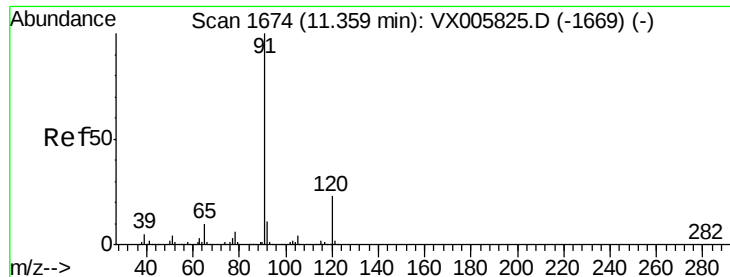
77 1.7 20.5 61.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 4.666 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006008.D

Acq: 15 Nov 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

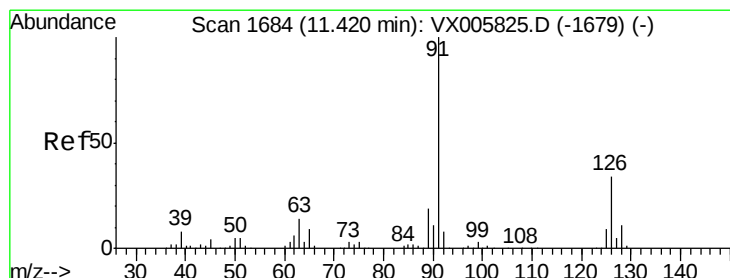
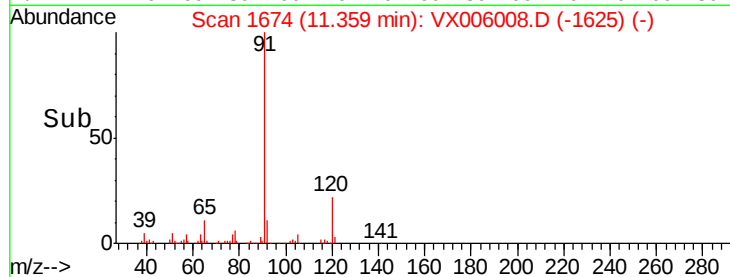
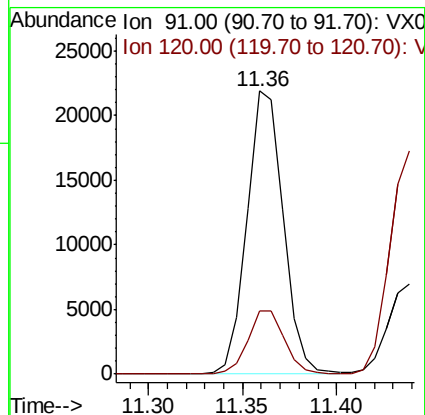
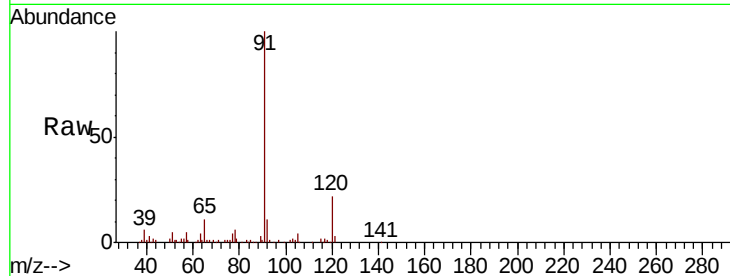
T-3

Tot Ion: 91 Resp: 29325

Ion Ratio Lower Upper

91 100

120 22.3 11.9 35.5



#79

2-Chlorotoluene

Concen: 3.369 ug/l

RT: 11.44 min Scan# 1687

Delta R.T. 0.02 min

Lab File: VX006008.D

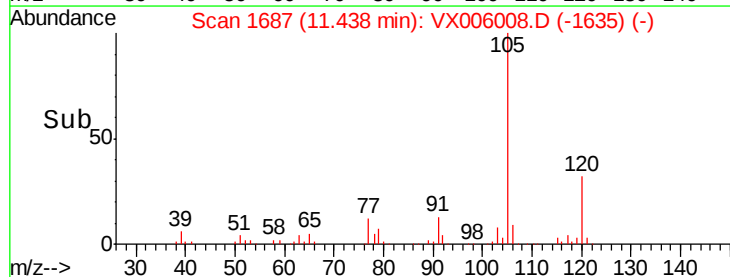
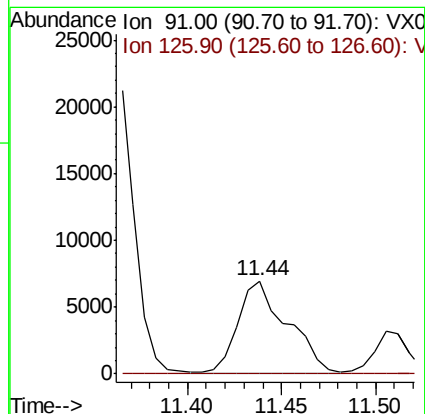
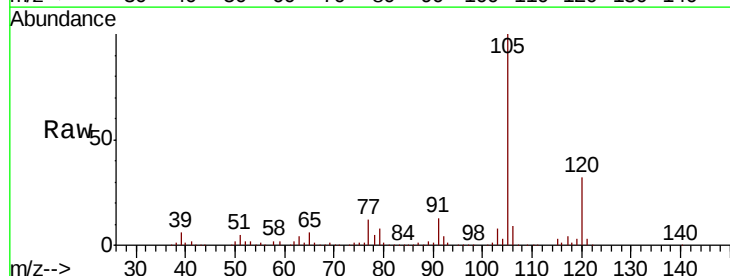
Acq: 15 Nov 2018 07:12

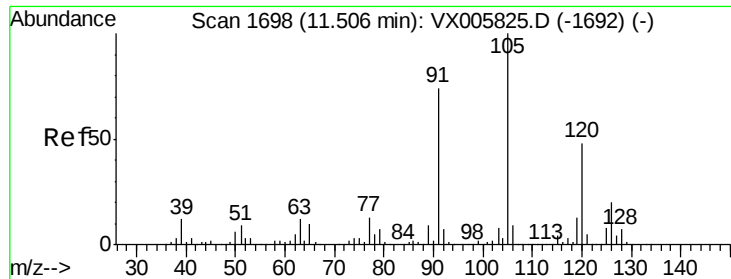
Tgt Ion: 91 Resp: 12799

Ion Ratio Lower Upper

91 100

126 0.0 17.3 52.0#

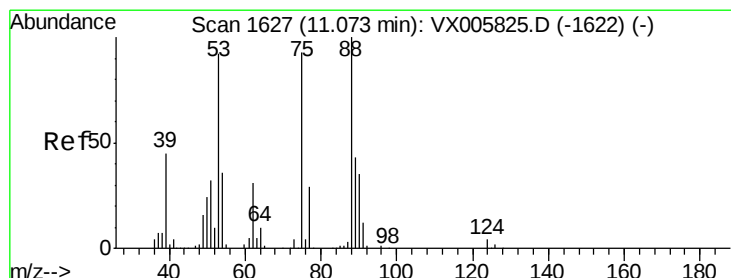
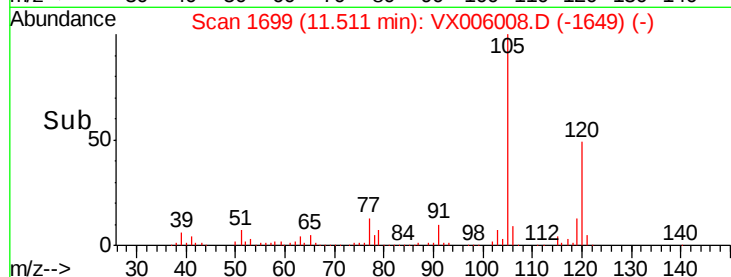
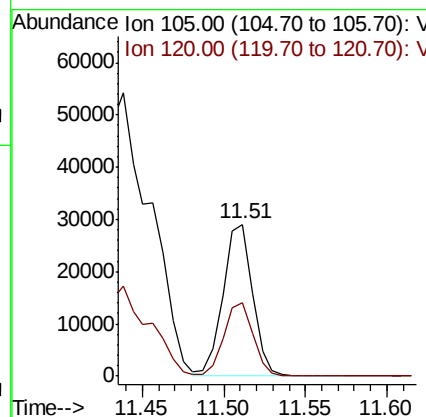
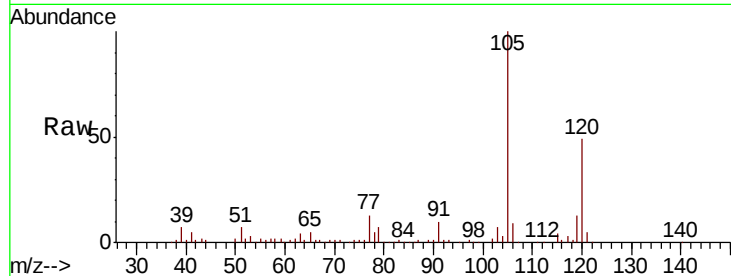




#80
 1,3,5-Trimethylbenzene
 Concen: 8.207 ug/l
 RT: 11.51 min Scan# 1699
 Delta R.T. 0.01 min
 Lab File: VX006008.D
 Acq: 15 Nov 2018 07:12

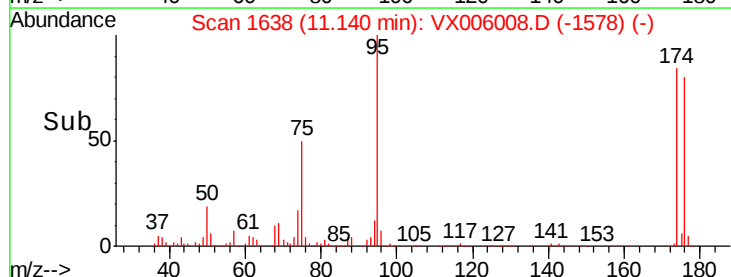
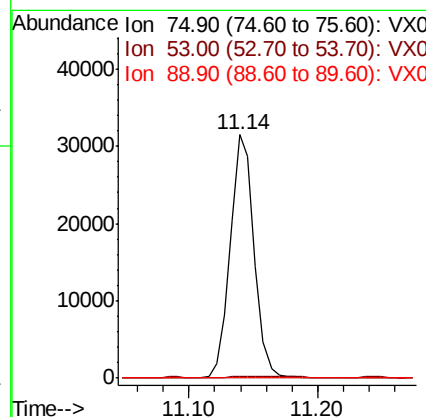
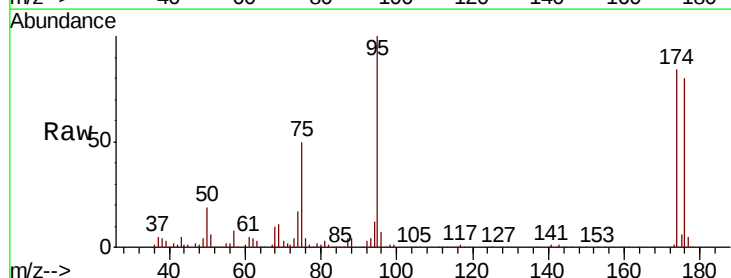
Instrument :
 MSVOA_X
 ClientSampled :
 T-3

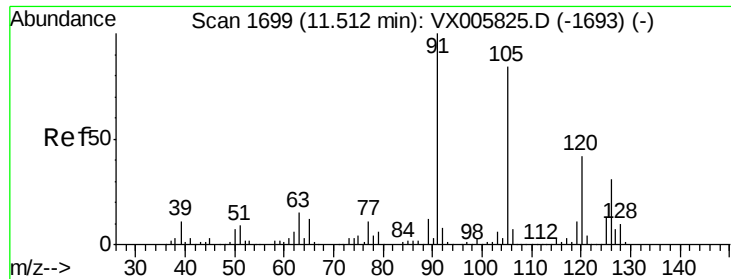
Tot Ion:105 Resp: 37196
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.1 72.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.757 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.07 min
 Lab File: VX006008.D
 Acq: 15 Nov 2018 07:12

Tgt Ion: 75 Resp: 41101
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.2 120.2#
 89 0.0 39.8 59.8#

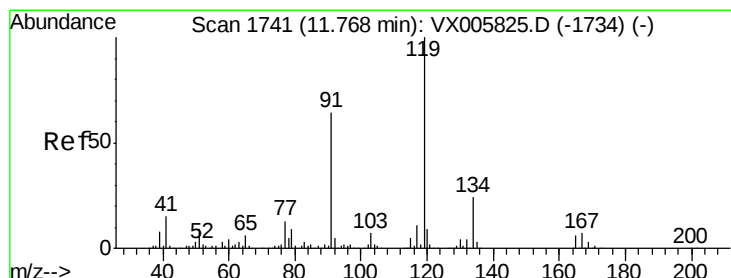
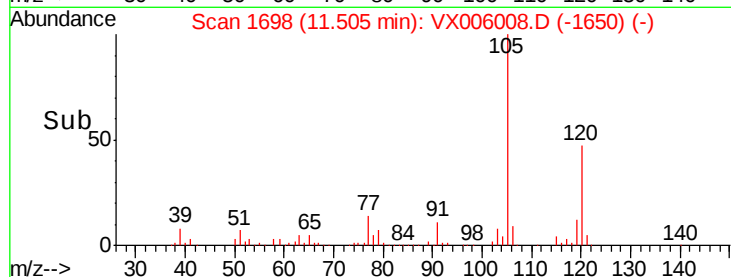
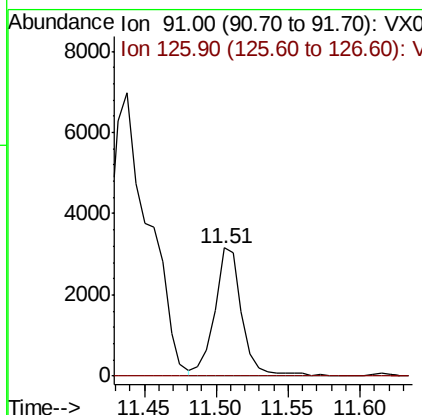
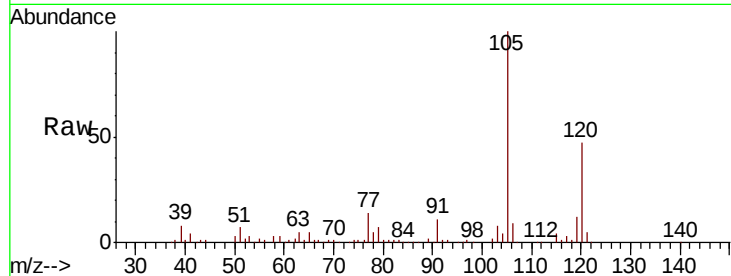




#82
4-Chlorotoluene
Concen: 0.943 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX006008.D
Acq: 15 Nov 2018 07:12

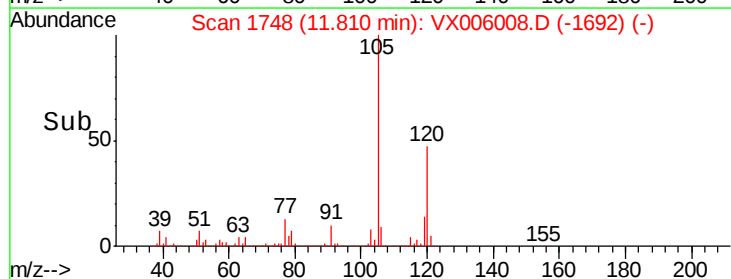
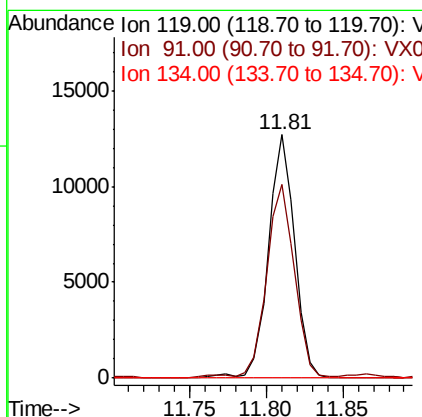
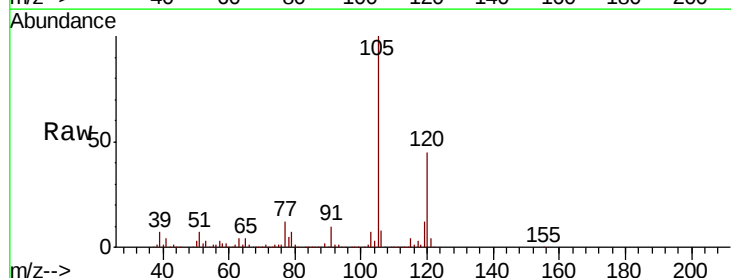
Instrument :
MSVOA_X
ClientSampleId :
T-3

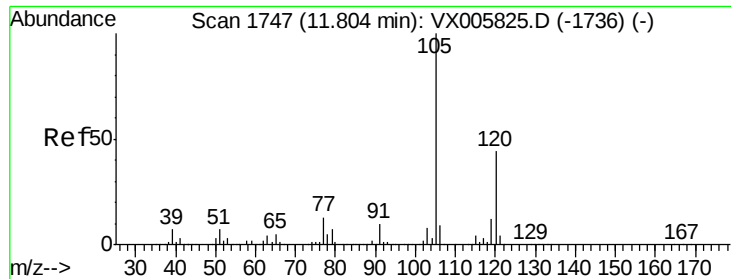
Tot Ion: 91 Resp: 4221
Ion Ratio Lower Upper
91 100
126 0.0 15.2 45.6#



#83
tert-Butylbenzene
Concen: 3.319 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.04 min
Lab File: VX006008.D
Acq: 15 Nov 2018 07:12

Tgt Ion: 119 Resp: 15216
Ion Ratio Lower Upper
119 100
91 85.7 28.5 85.5#
134 0.0 11.3 33.8#

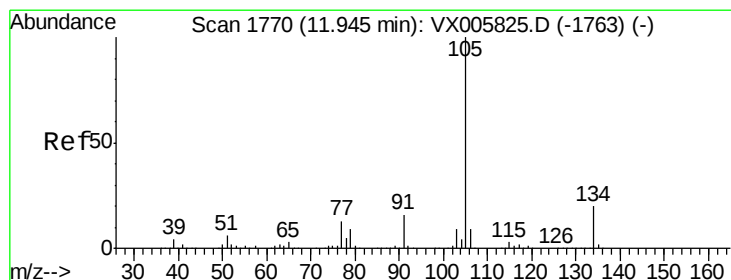
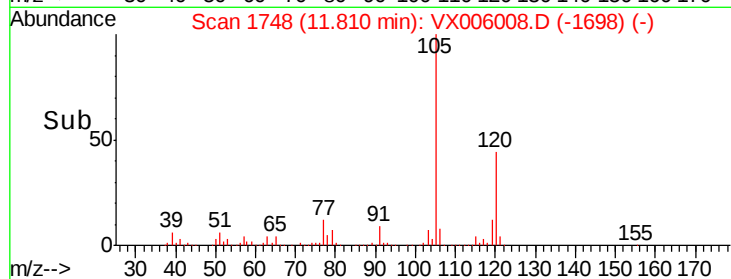
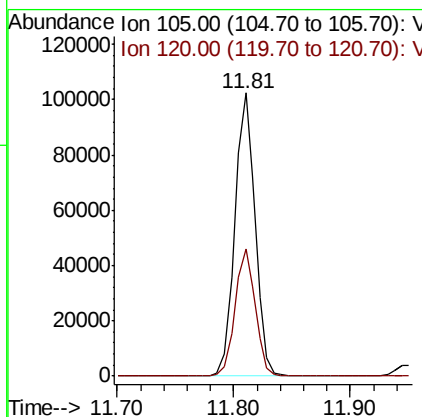
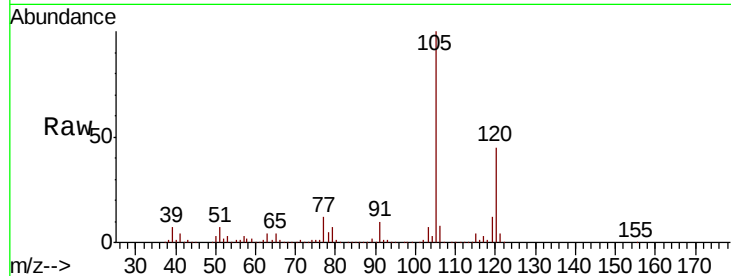




#84
 1,2,4-Trimethylbenzene
 Concen: 24.647 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX006008.D
 Acq: 15 Nov 2018 07:12

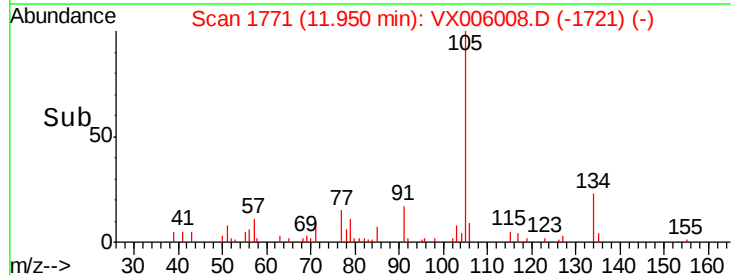
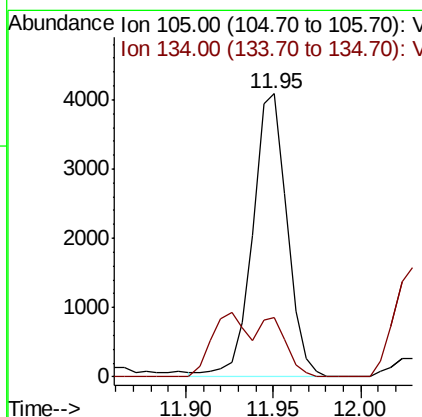
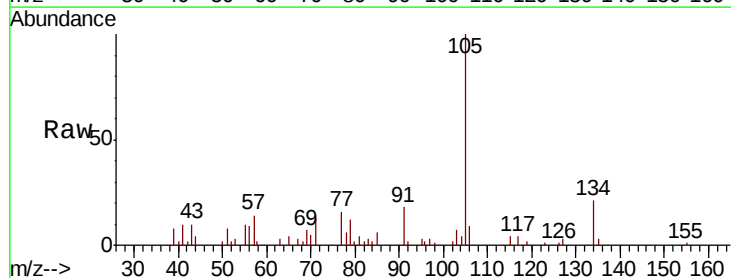
Instrument :
 MSVOA_X
 ClientSampled :
 T-3

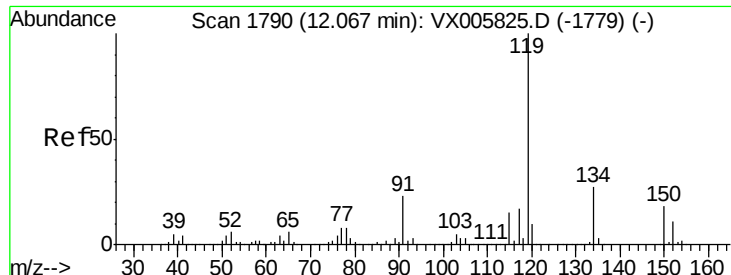
Tot Ion:105 Resp: 123579
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.0



#85
 sec-Butylbenzene
 Concen: 0.995 ug/l
 RT: 11.95 min Scan# 1771
 Delta R.T. 0.01 min
 Lab File: VX006008.D
 Acq: 15 Nov 2018 07:12

Tgt Ion:105 Resp: 5579
 Ion Ratio Lower Upper
 105 100
 134 16.1 10.2 30.4

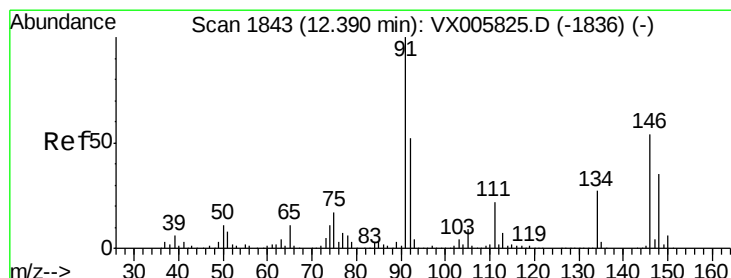
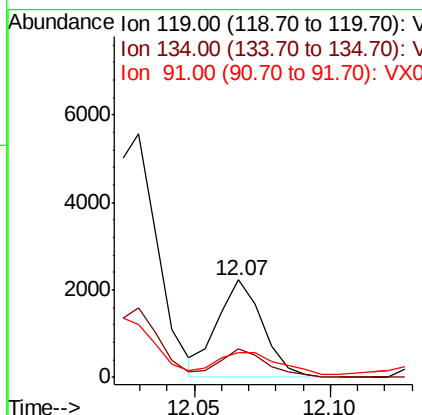
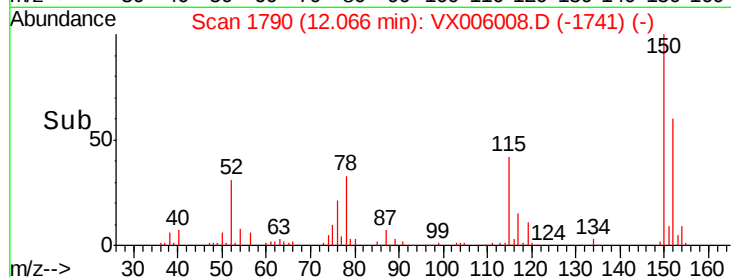
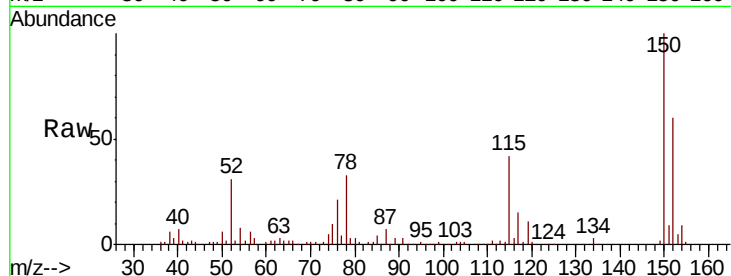




#86
p-Isopropyltoluene
Concen: 0.521 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX006008.D
Acq: 15 Nov 2018 07:12

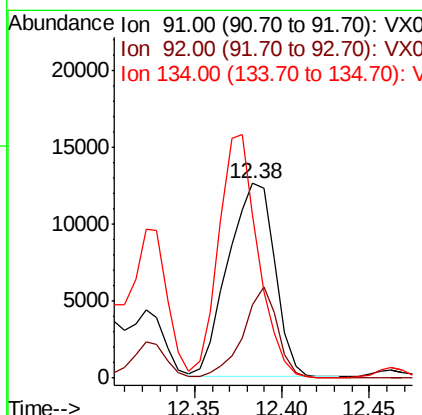
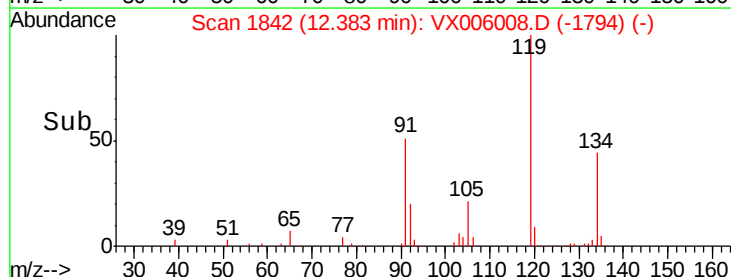
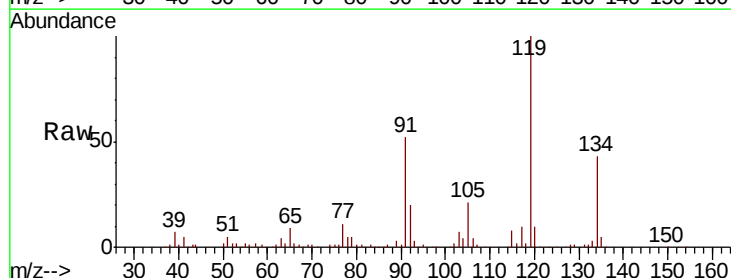
Instrument :
MSVOA_X
ClientSampleId :
T-3

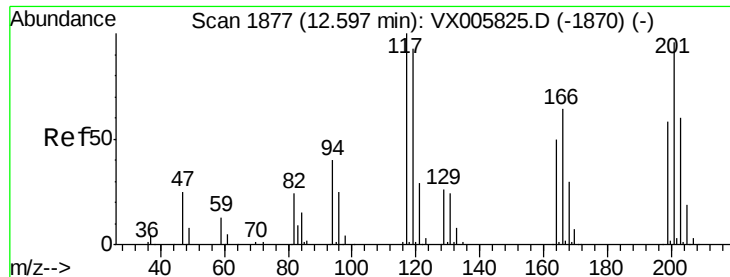
Tot Ion:119 Resp: 2587
Ion Ratio Lower Upper
119 100
134 30.3 13.0 39.0
91 30.8 11.4 34.2



#89
n-Butylbenzene
Concen: 5.094 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006008.D
Acq: 15 Nov 2018 07:12

Tgt Ion: 91 Resp: 23447
Ion Ratio Lower Upper
91 100
92 34.6 26.1 78.2
134 105.4 13.1 39.3#





#90

Hexachloroethane

Concen: 3.309 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX006008.D

Acq: 15 Nov 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

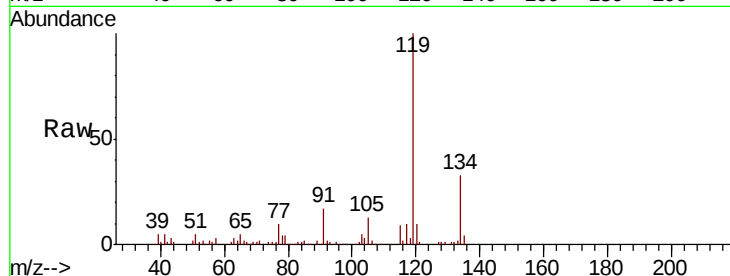
T-3

Tot Ion:117 Resp: 2744

Ion Ratio Lower Upper

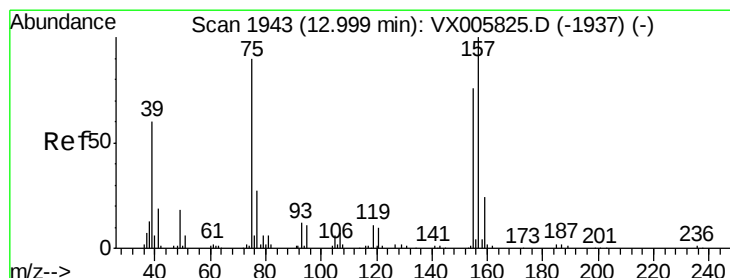
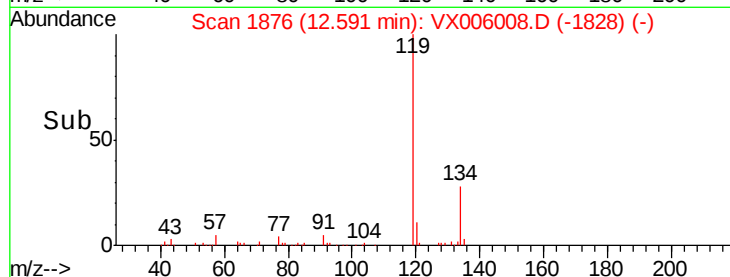
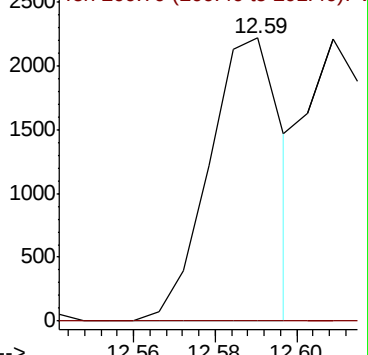
117 100

201 0.0 47.9 143.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.647 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX006008.D

Acq: 15 Nov 2018 07:12

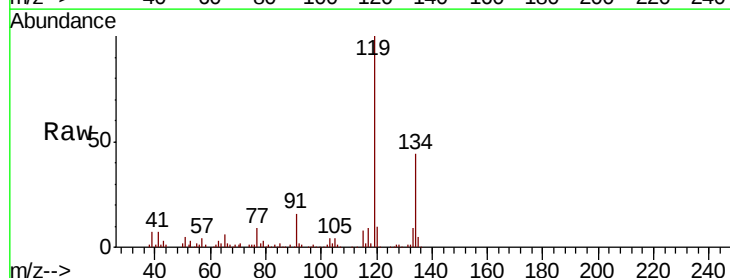
Tgt Ion: 75 Resp: 309

Ion Ratio Lower Upper

75 100

155 16.5 45.4 136.1#

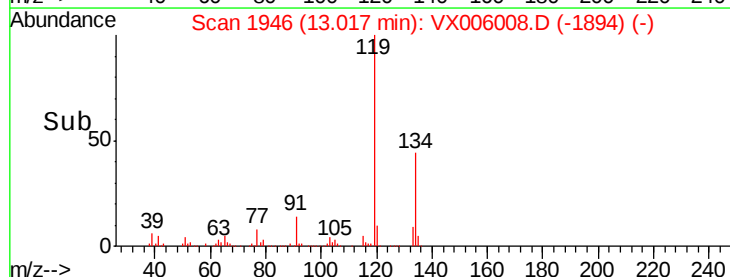
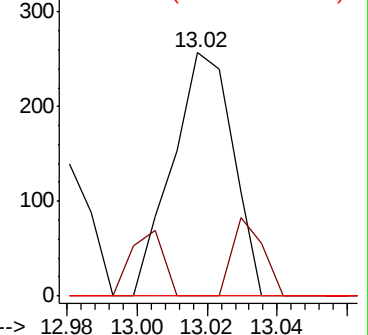
157 0.0 57.4 172.0#

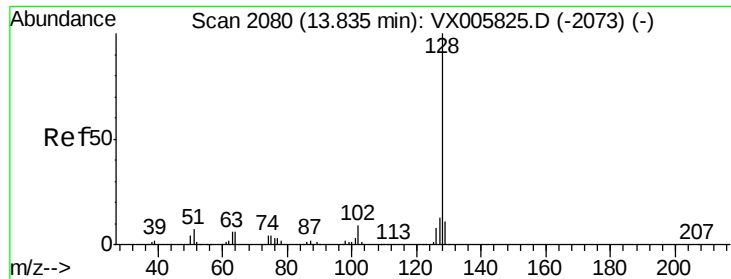


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 3.466 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006008.D
Acq: 15 Nov 2018 07:12

Instrument :
MSVOA_X
ClientSampleId :
T-3

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.4	15.6
129	13.3	8.7	13.1

