

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111418\
 Data File : VX005985.D
 Acq On : 14 Nov 2018 20:08
 Operator : JC/MD
 Sample : J5921-08 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-UST-MIDDLEDL

Quant Time: Nov 15 00:26:50 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	5.66	168	125026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	181834	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	161875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	83023	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	76553	53.26	ug/l	0.00
Spiked Amount			Recovery	=	106.52%	
35) Dibromofluoromethane	5.49	113	60975	49.30	ug/l	-0.01
Spiked Amount			Recovery	=	98.60%	
50) Toluene-d8	8.71	98	216369	52.62	ug/l	0.00
Spiked Amount			Recovery	=	105.24%	
62) 4-Bromofluorobenzene	11.14	95	77797	52.63	ug/l	0.00
Spiked Amount			Recovery	=	105.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	338	0.372	ug/l #	78
11) Tert butyl alcohol	3.02	59	440	1.069	ug/l #	72
13) Acrolein	2.29	56	77	19.526	ug/l #	1
16) Acetone	2.45	43	1281	1.655	ug/l	90
17) Carbon Disulfide	2.57	76	983	0.298	ug/l #	93
18) Methyl Acetate	2.78	43	1118	Below Cal		95
19) Methyl tert-butyl Ether	3.20	73	2070	0.549	ug/l	100
20) Methylene Chloride	2.87	84	483	0.380	ug/l #	70
25) 2-Butanone	4.70	43	576	0.473	ug/l #	51
29) Tetrahydrofuran	5.17	42	242	0.310	ug/l #	36
31) Cyclohexane	5.57	56	10845	5.416	ug/l	88
36) 1,1-Dichloropropene	5.67	75	8817	5.030	ug/l #	49
37) Ethyl Acetate	4.70	43	576	0.250	ug/l #	69
38) Carbon Tetrachloride	5.67	117	11194	6.379	ug/l #	16
39) Methylcyclohexane	7.46	83	6910	3.889	ug/l	90
40) Benzene	6.14	78	6633	1.298	ug/l	97
55) 1,1,2-Trichloroethane	9.16	97	572	0.449	ug/l #	14
58) 2-Chloroethyl Vinyl ether	8.21	63	27	8.303	ug/l #	48
67) Ethyl Benzene	10.36	91	32855	6.318	ug/l #	65
68) m/p-Xylenes	10.36	106	16243	8.189	ug/l	98
69) o-Xylene	10.70	106	430	0.242	ug/l	99
74) N-amyl acetate	10.87	43	27	1.261	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	37965	22.457	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.46	105	8487	2.080	ug/l	73
81) trans-1,4-Dichloro-2-buten	11.14	75	37965	71.576	ug/l #	9
83) tert-Butylbenzene	11.81	119	21966	5.322	ug/l #	60
84) 1,2,4-Trimethylbenzene	11.80	105	175784	39.014	ug/l	99
85) sec-Butylbenzene	11.80	105	175784	34.826	ug/l #	56
86) p-Isopropyltoluene	12.23	119	2111	0.472	ug/l	90
89) n-Butylbenzene	12.38	91	1185	0.286	ug/l #	25
90) Hexachloroethane	12.58	117	4883	6.542	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	13.02	75	444	1.032	ug/l #	1
95) Naphthalene	13.83	128	56644	10.437	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

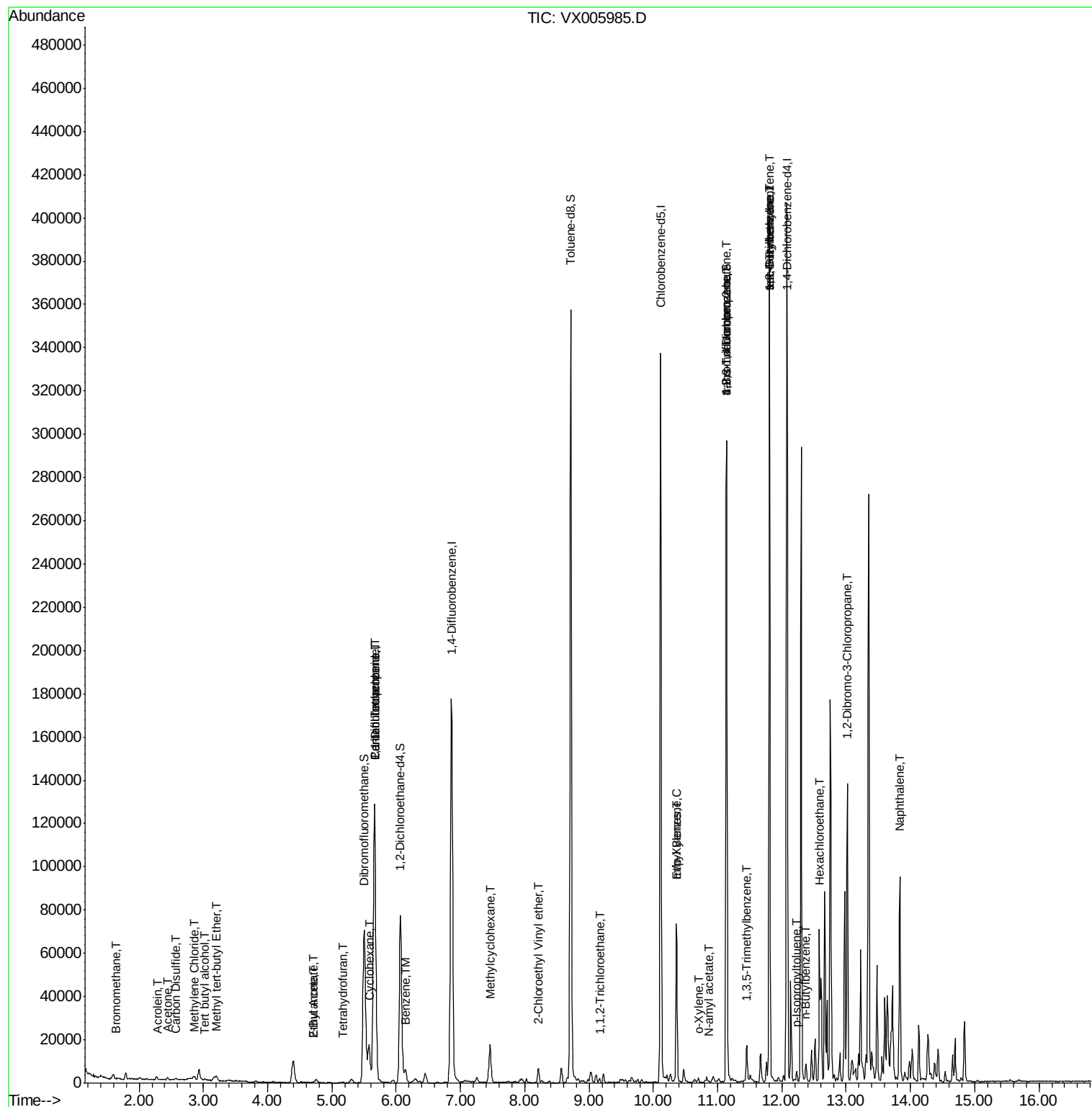
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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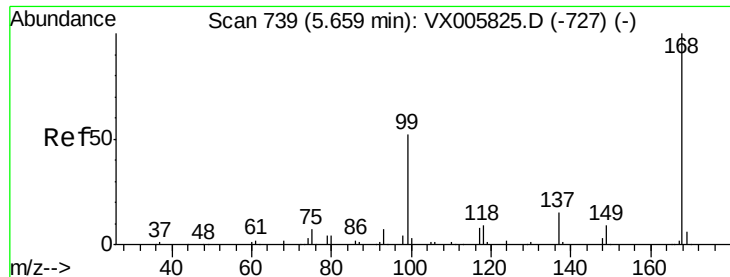
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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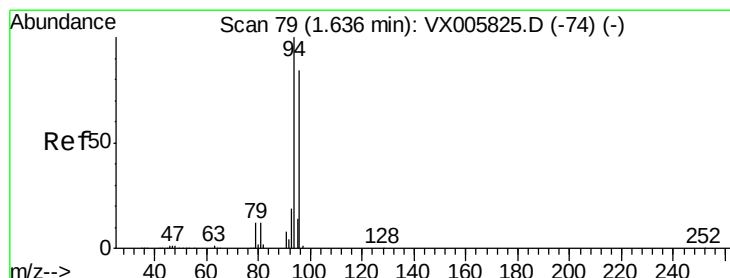
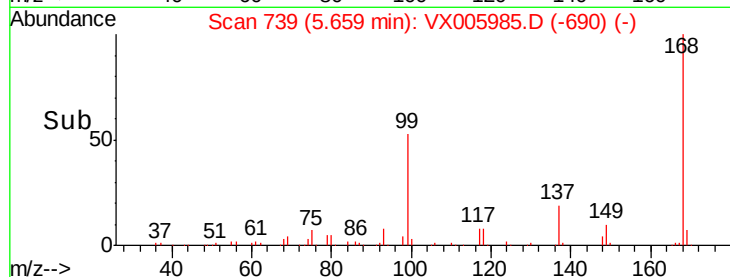
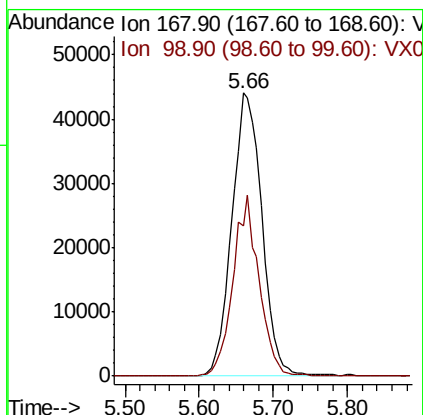
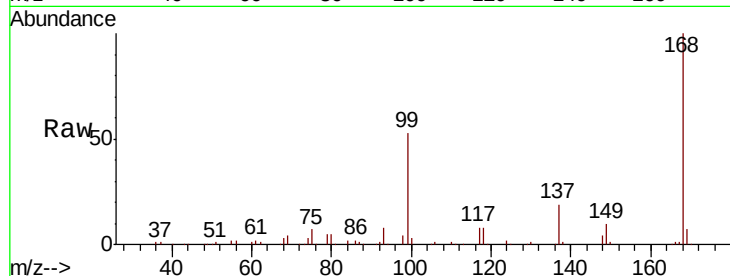




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.00 min
Lab File: VX005985.D
Acq: 14 Nov 2018 20:08

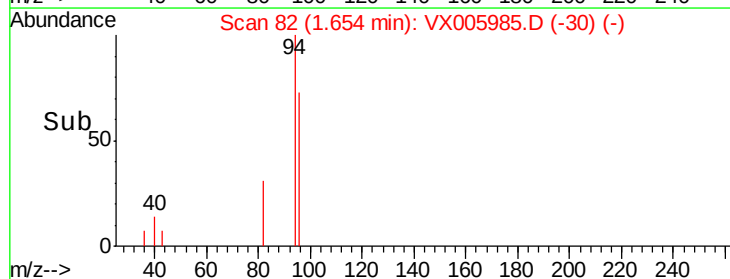
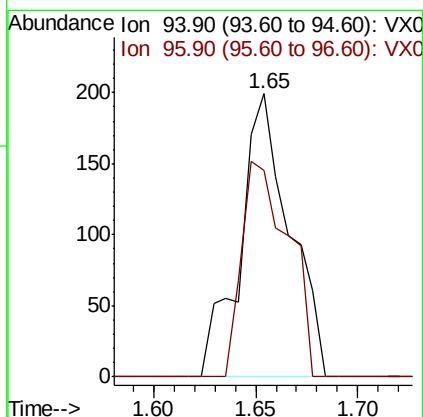
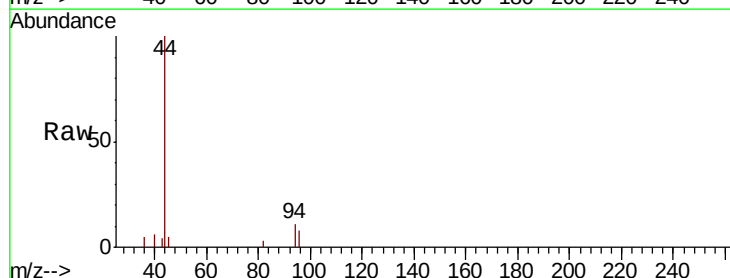
Instrument :
MSVOA_X
ClientSampleId :
SP-UST-MIDDLEDL

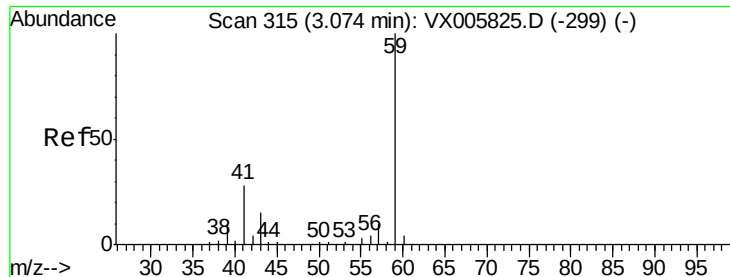
Tot Ion:168 Resp: 125026
Ion Ratio Lower Upper
168 100
99 53.1 40.7 61.1



#5
Bromomethane
Concen: 0.372 ug/l
RT: 1.65 min Scan# 82
Delta R.T. 0.02 min
Lab File: VX005985.D
Acq: 14 Nov 2018 20:08

Tgt Ion: 94 Resp: 338
Ion Ratio Lower Upper
94 100
96 72.9 75.2 112.8#



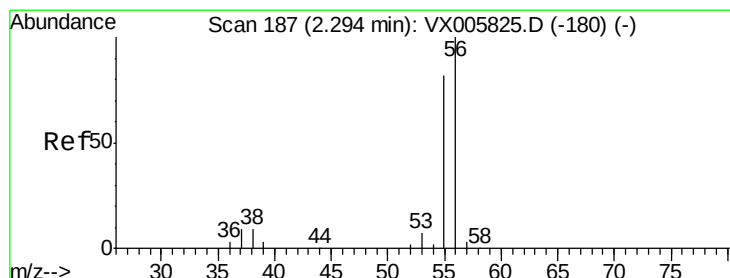
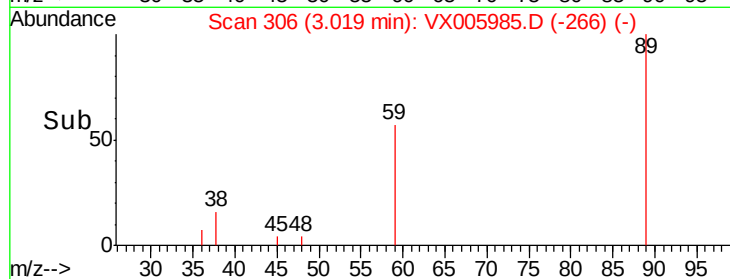
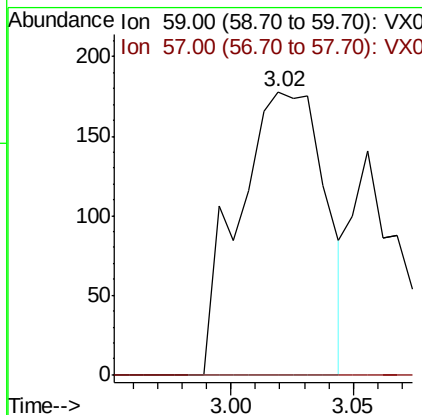
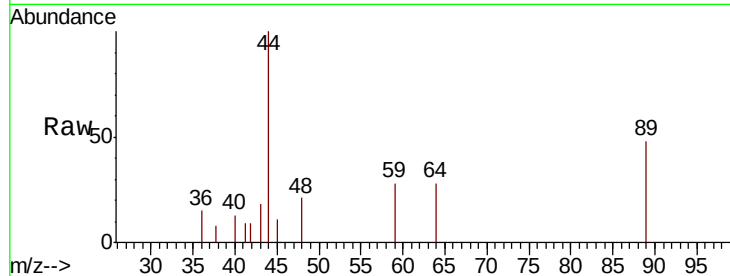


#11

Tert butyl alcohol
 Concen: 1.069 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.05 min
 Lab File: VX005985.D
 Acq: 14 Nov 2018 20:08

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-UST-MIDDLEDL

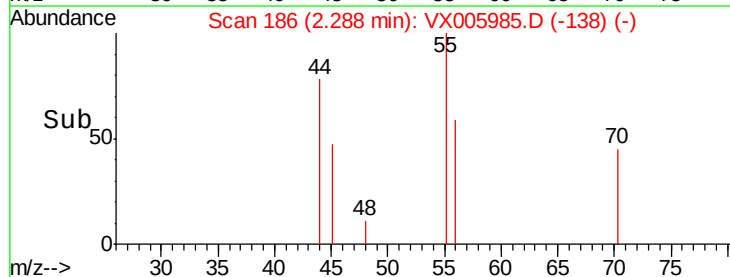
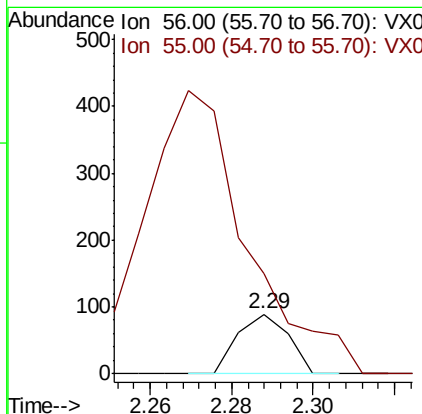
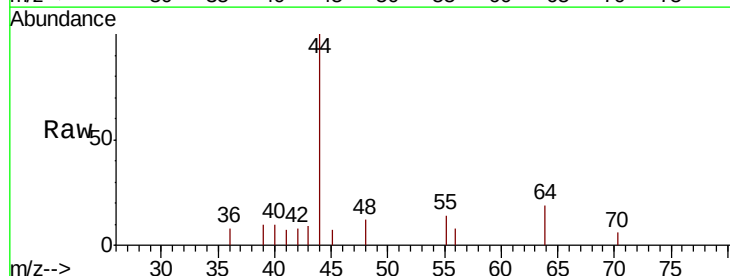
Tot Ion: 59 Resp: 440
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

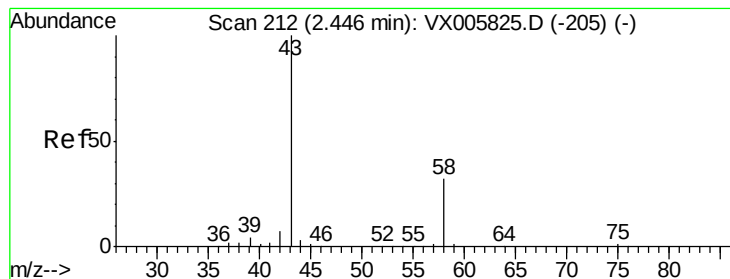


#13

Acrolein
 Concen: 19.526 ug/l
 RT: 2.29 min Scan# 186
 Delta R.T. -0.01 min
 Lab File: VX005985.D
 Acq: 14 Nov 2018 20:08

Tgt Ion: 56 Resp: 77
 Ion Ratio Lower Upper
 56 100
 55 985.7 57.3 85.9#





#16

Acetone

Concen: 1.655 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005985.D

Acq: 14 Nov 2018 20:08

Instrument :

MSVOA_X

ClientSampleId :

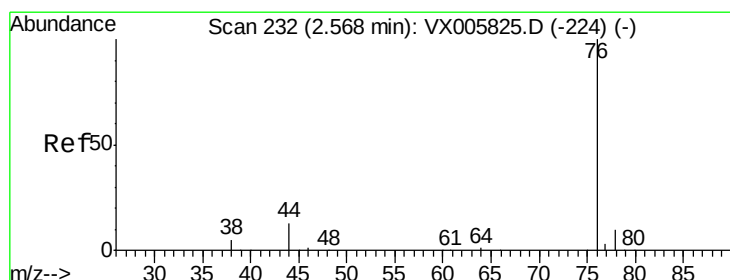
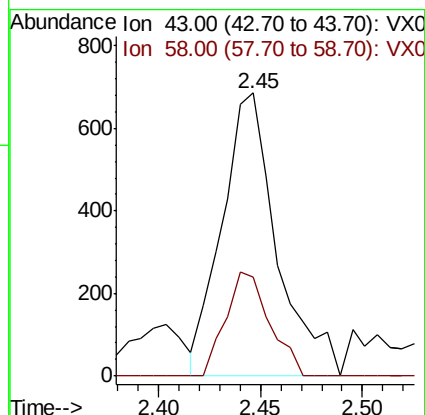
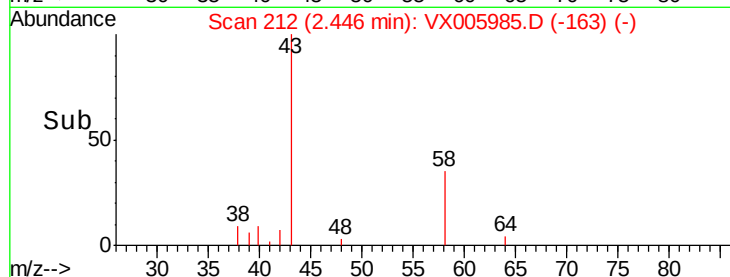
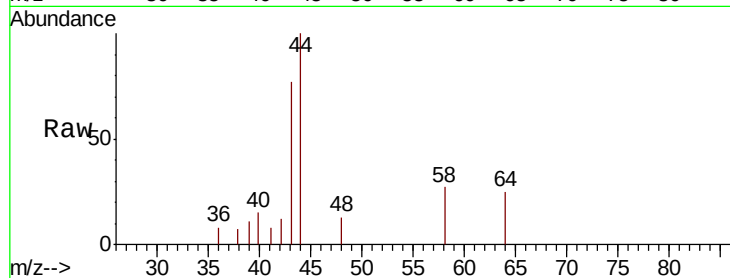
SP-UST-MIDDLEDL

Tot Ion: 43 Resp: 1281

Ion Ratio Lower Upper

43 100

58 34.8 23.8 35.6



#17

Carbon Disulfide

Concen: 0.298 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005985.D

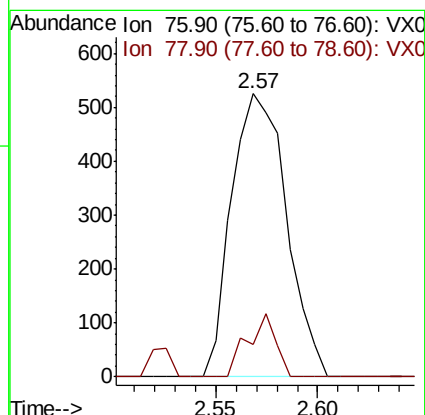
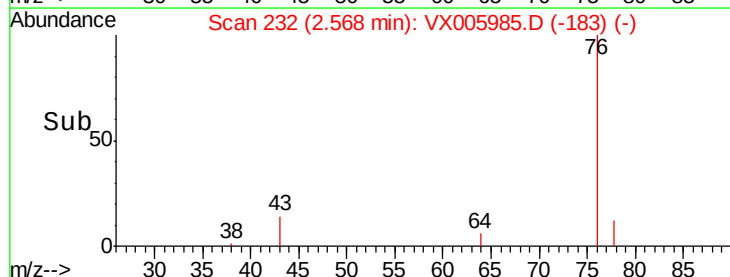
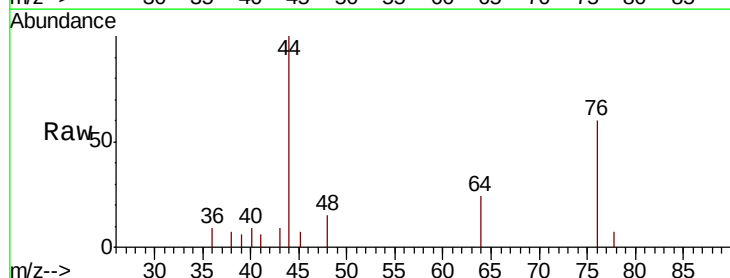
Acq: 14 Nov 2018 20:08

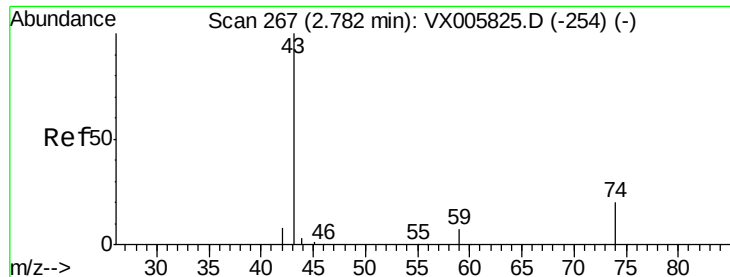
Tgt Ion: 76 Resp: 983

Ion Ratio Lower Upper

76 100

78 11.6 7.3 10.9#

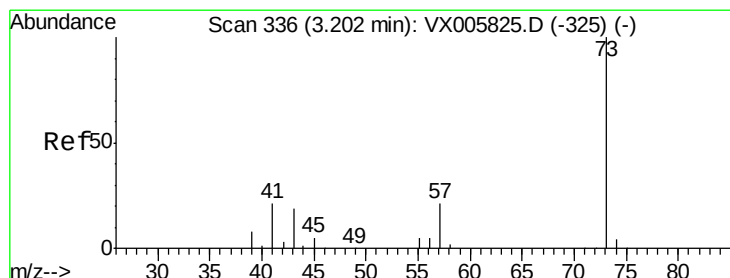
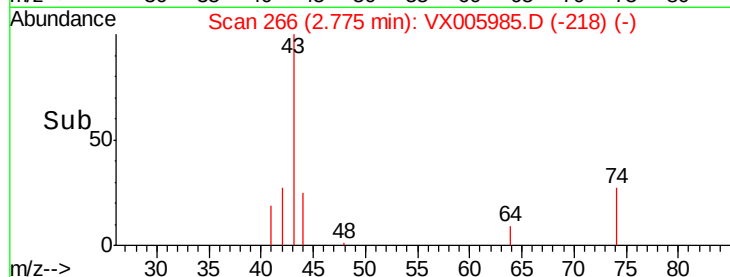
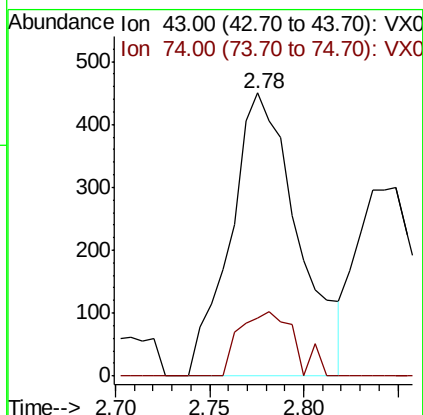
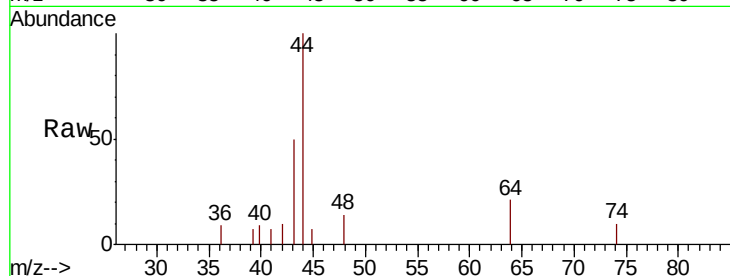




#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005985.D
Acq: 14 Nov 2018 20:08

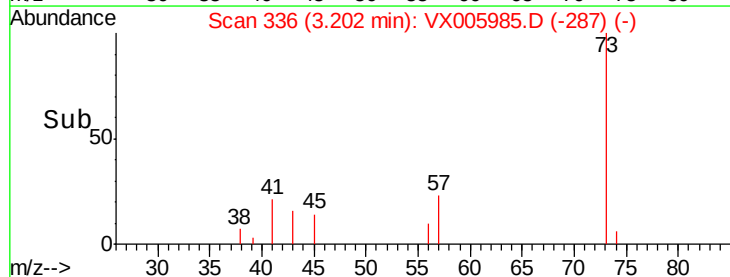
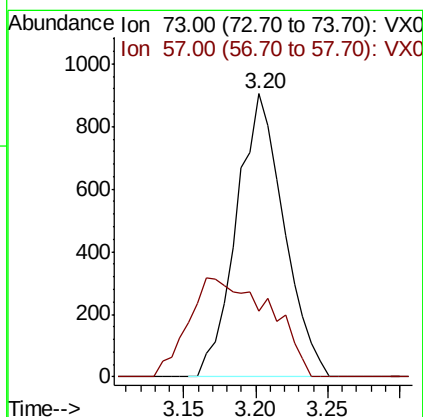
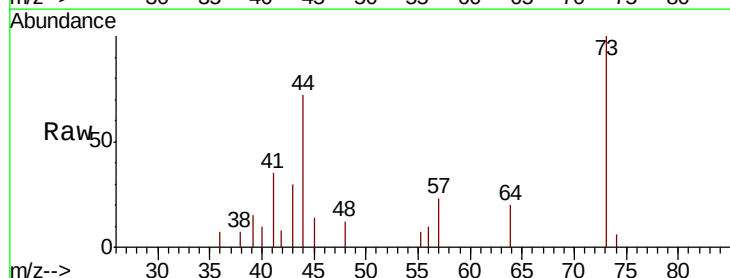
Instrument :
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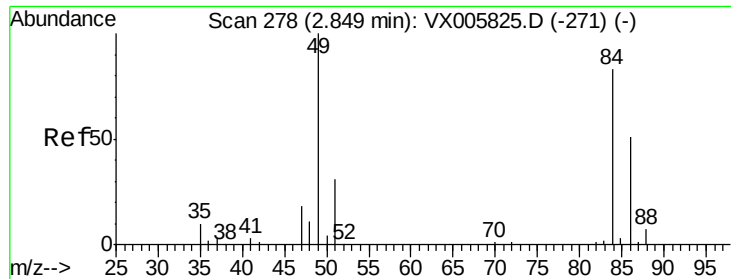
Tot Ion: 43 Resp: 1118
Ion Ratio Lower Upper
43 100
74 18.5 16.8 25.2



#19
Methyl tert-butyl Ether
Concen: 0.549 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005985.D
Acq: 14 Nov 2018 20:08

Tgt Ion: 73 Resp: 2070
Ion Ratio Lower Upper
73 100
57 23.3 18.8 28.2

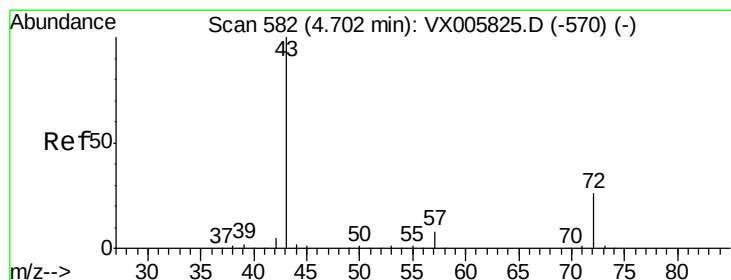
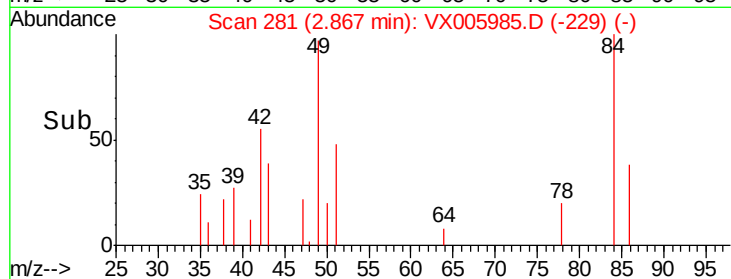
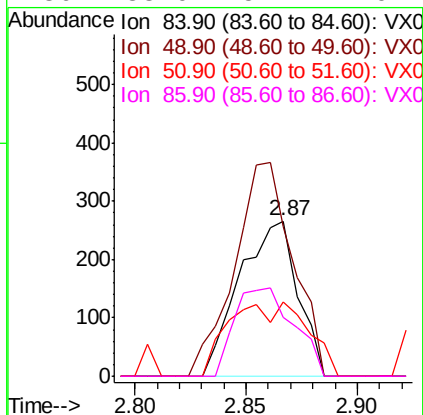
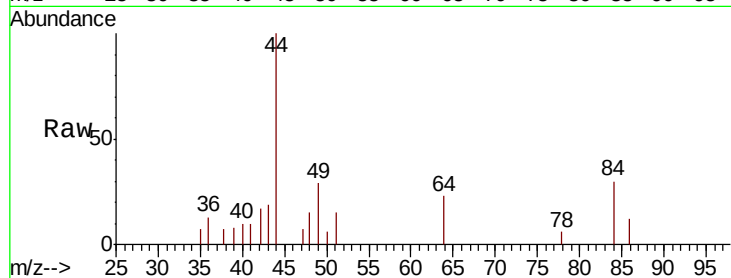




#20
Methylene Chloride
Concen: 0.380 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.02 min
Lab File: VX005985.D
Acq: 14 Nov 2018 20:08

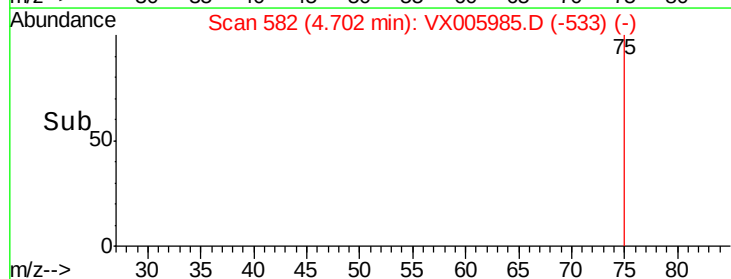
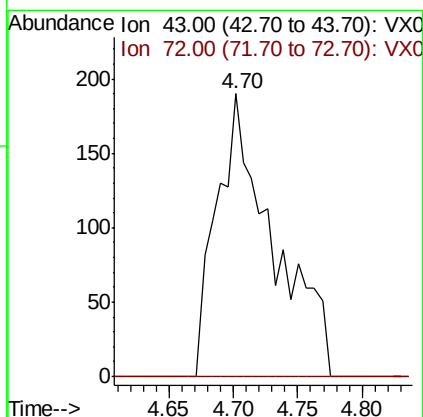
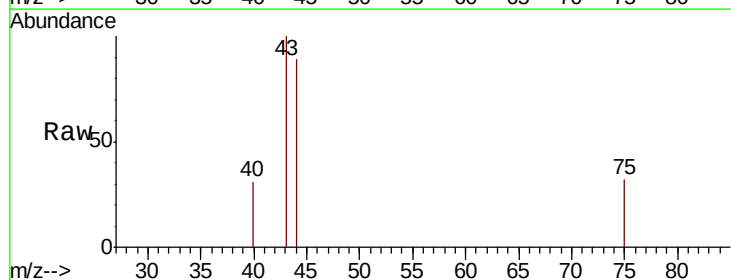
Instrument :
MSVOA_X
ClientSampleId :
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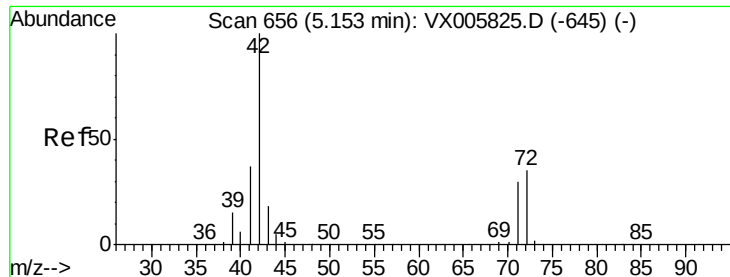
Tot Ion: 84 Resp: 483
Ion Ratio Lower Upper
84 100
49 96.6 109.5 164.3#
51 47.7 33.3 49.9
86 38.0 52.7 79.1#



#25
2-Butanone
Concen: 0.473 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX005985.D
Acq: 14 Nov 2018 20:08

Tgt Ion: 43 Resp: 576
Ion Ratio Lower Upper
43 100
72 0.0 19.2 28.8#





#29

Tetrahydrofuran

Concen: 0.310 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX005985.D

Acq: 14 Nov 2018 20:08

Instrument :

MSVOA_X

ClientSampleId :

SP-UST-MIDDLEDL

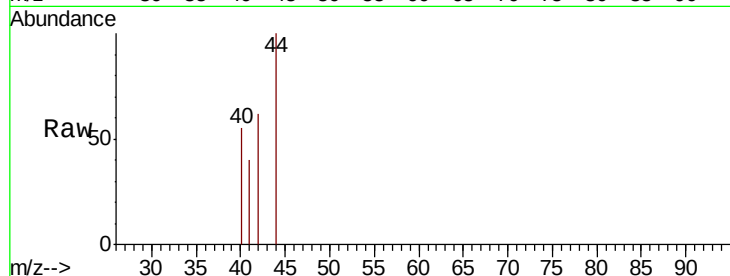
Tot Ion: 42 Resp: 242

Ion Ratio Lower Upper

42 100

72 0.0 32.0 48.0#

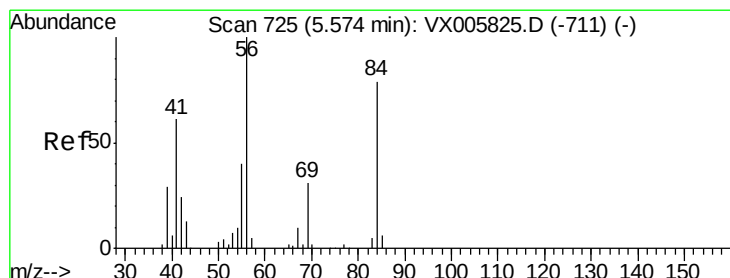
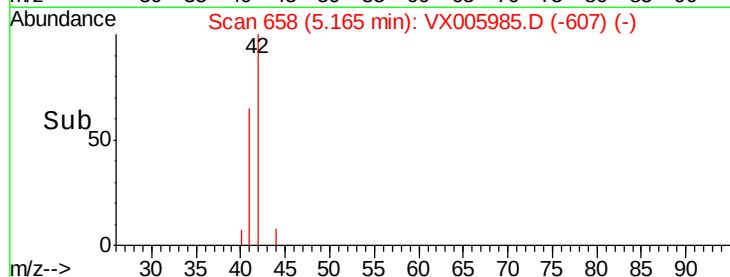
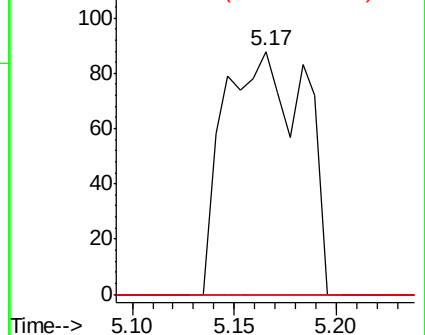
71 0.0 29.8 44.8#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#31

Cyclohexane

Concen: 5.416 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005985.D

Acq: 14 Nov 2018 20:08

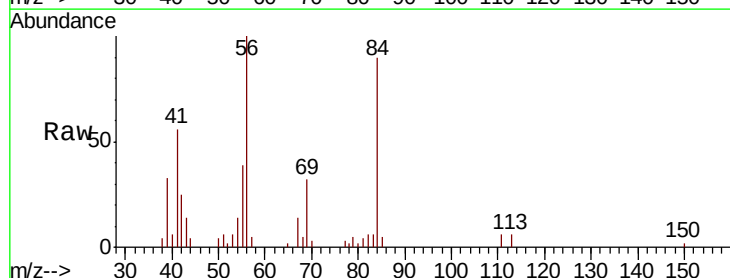
Tgt Ion: 56 Resp: 10845

Ion Ratio Lower Upper

56 100

69 32.1 22.6 34.0

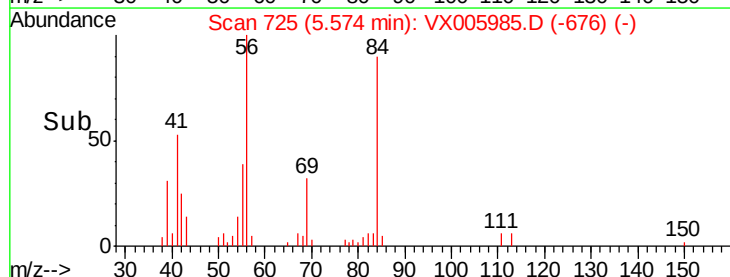
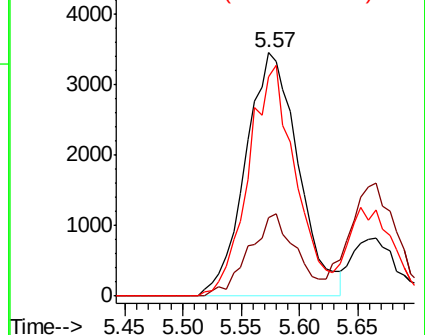
84 90.3 62.7 94.1

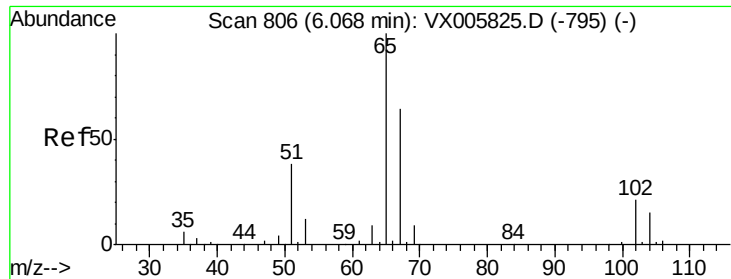


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

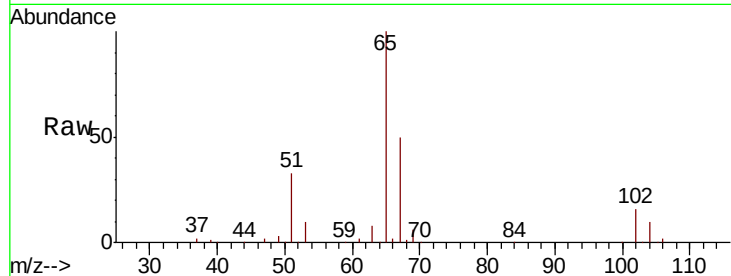




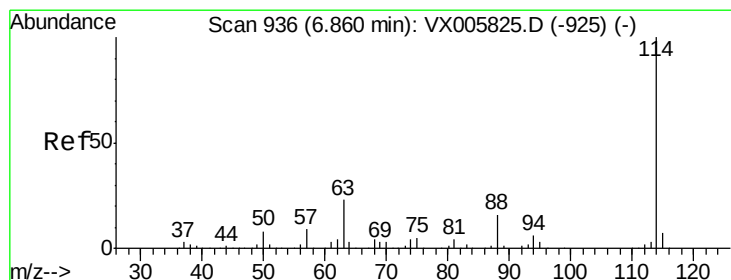
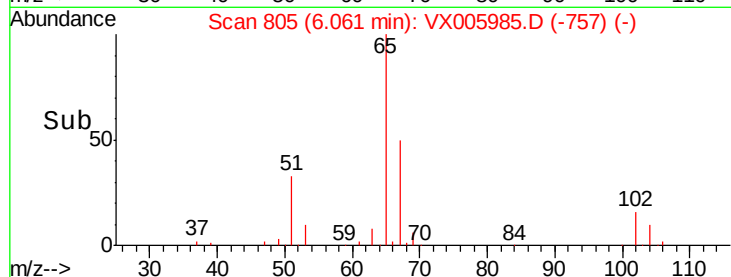
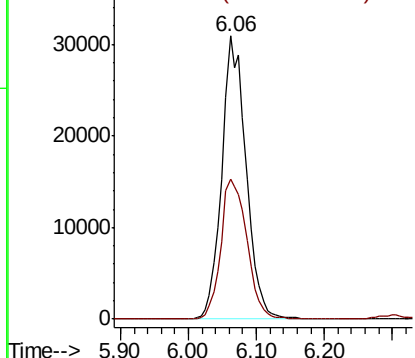
#33
 1,2-Dichloroethane-d4
 Concen: 53.260 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005985.D
 Acq: 14 Nov 2018 20:08

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-UST-MIDDLEDL

Tot Ion: 65 Resp: 76553
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.0

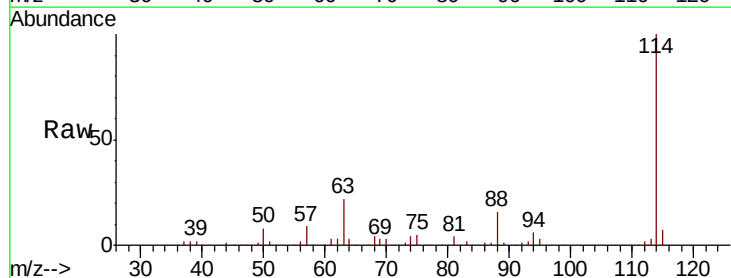


Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0

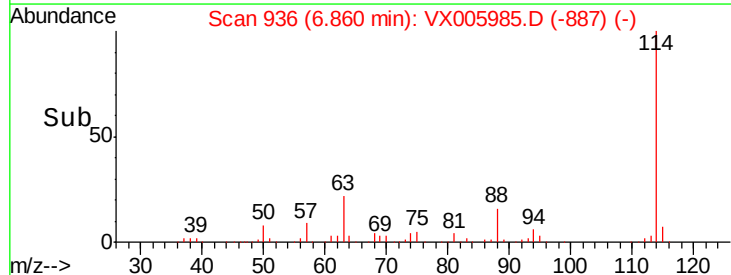
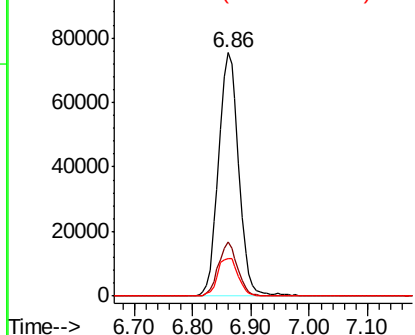


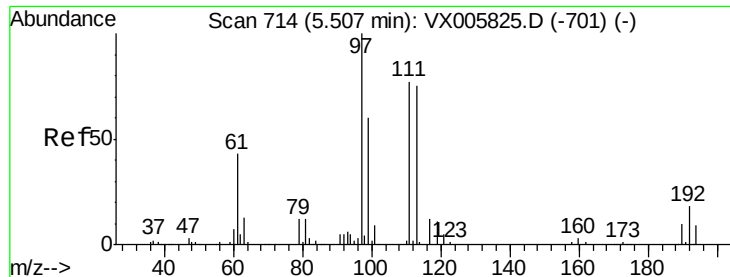
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005985.D
 Acq: 14 Nov 2018 20:08

Tgt Ion: 114 Resp: 181834
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 42.8
 88 15.7 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

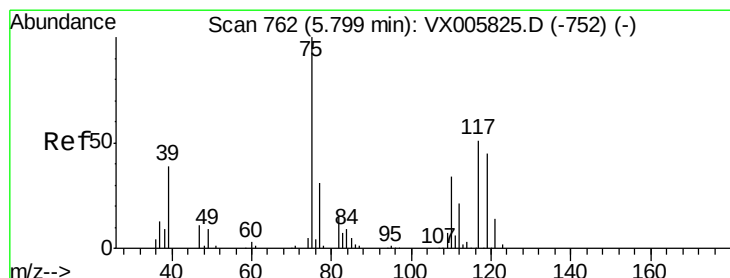
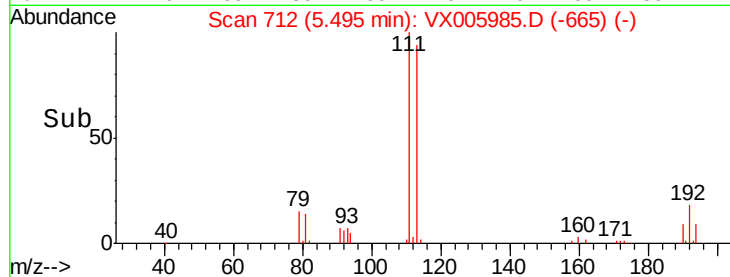
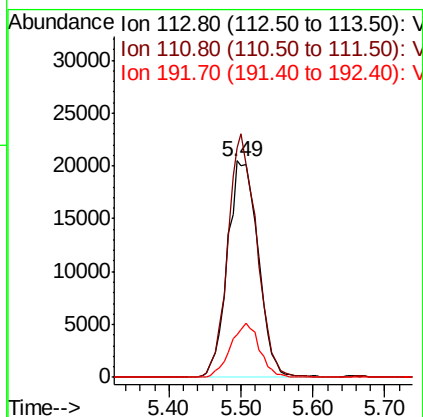
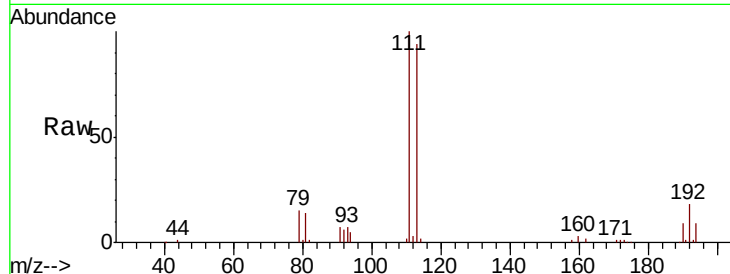




#35
 Dibromofluoromethane
 Concen: 49.303 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX005985.D
 Acq: 14 Nov 2018 20:08

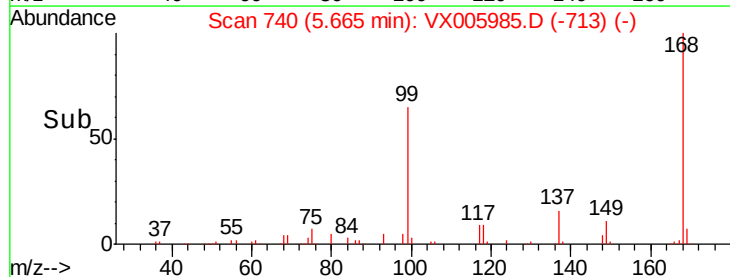
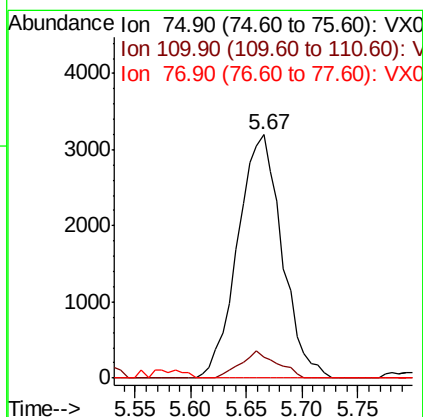
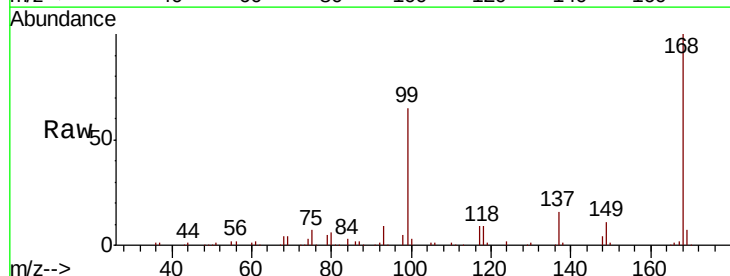
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-UST-MIDDLEDL

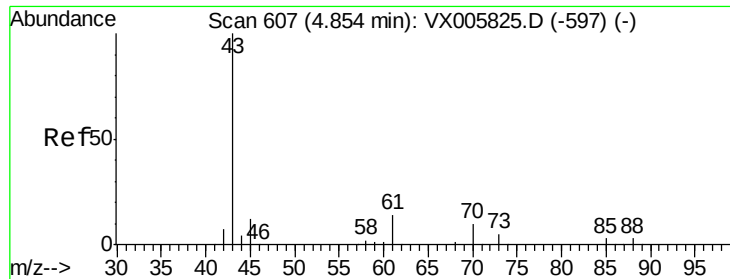
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.3	123.5
192	23.2	17.9	26.9



#36
 1,1-Dichloropropene
 Concen: 5.030 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX005985.D
 Acq: 14 Nov 2018 20:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.4	52.2#
77	0.0	25.8	38.6#

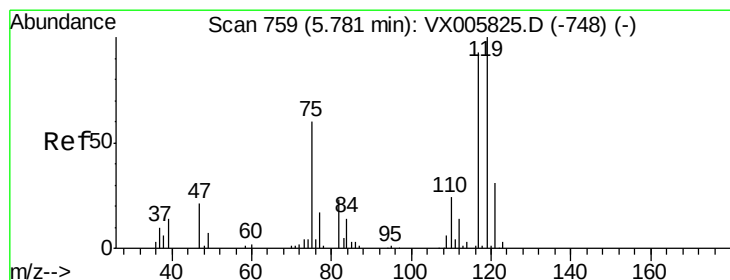
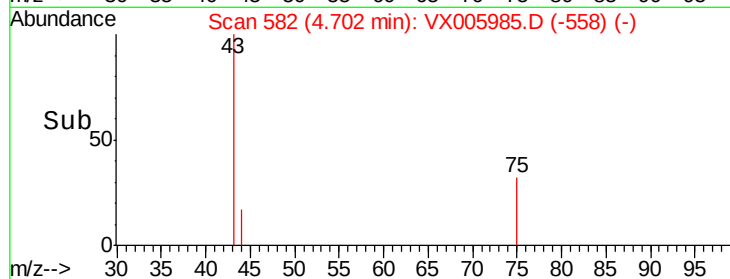
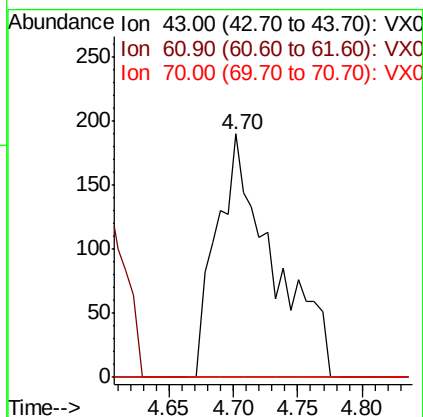
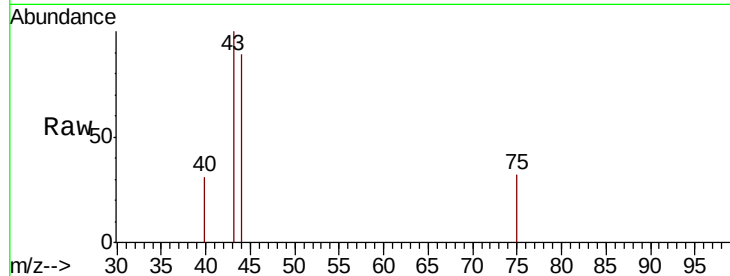




#37
Ethyl Acetate
Concen: 0.250 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.15 min
Lab File: VX005985.D
Acq: 14 Nov 2018 20:08

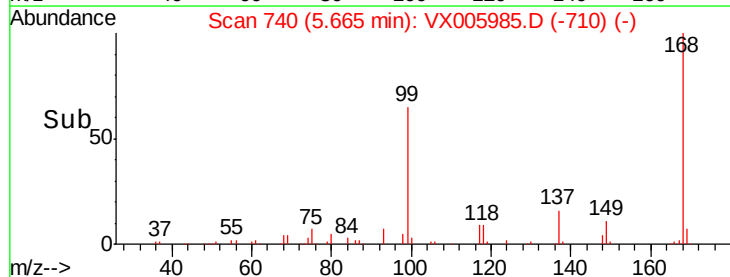
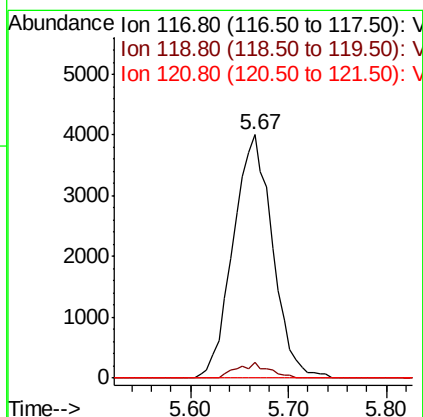
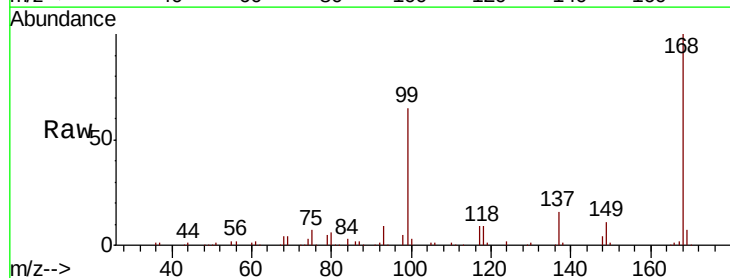
Instrument :
MSVOA_X
ClientSampleId :
SP-UST-MIDDLEDL

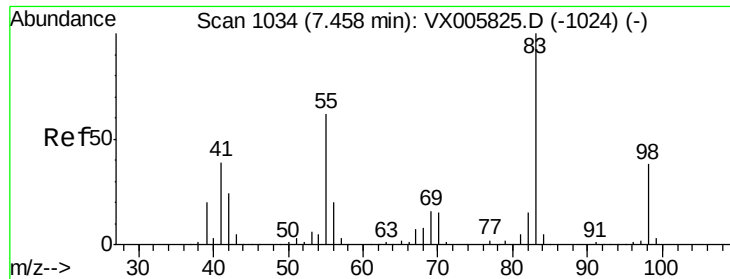
Tot Ion: 43 Resp: 576
Ion Ratio Lower Upper
43 100
61 0.0 10.8 16.2#
70 0.0 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 6.379 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX005985.D
Acq: 14 Nov 2018 20:08

Tgt Ion: 117 Resp: 11194
Ion Ratio Lower Upper
117 100
119 6.3 78.1 117.1#
121 0.0 24.6 36.8#

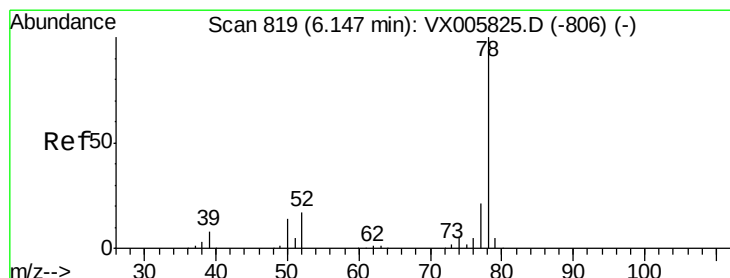
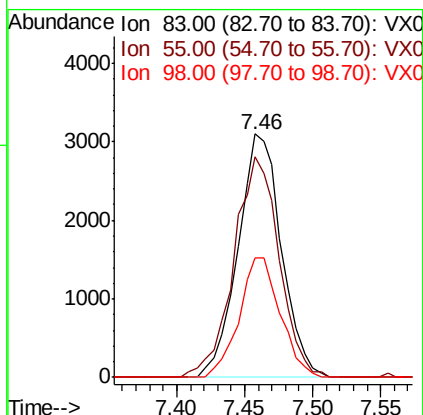
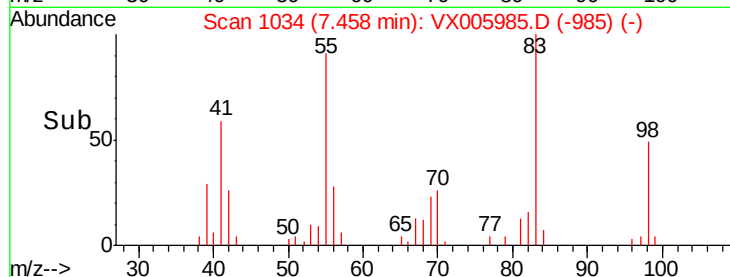
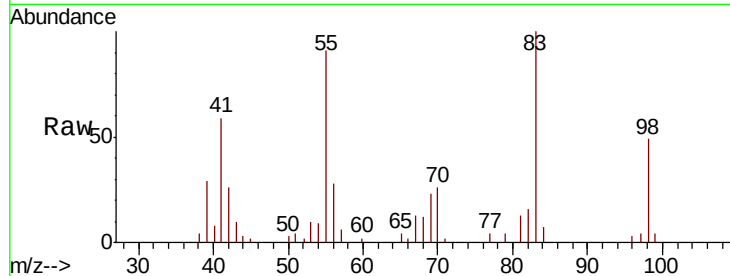




#39
Methylvlcyclohexane
Concen: 3.889 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX005985.D
Acq: 14 Nov 2018 20:08

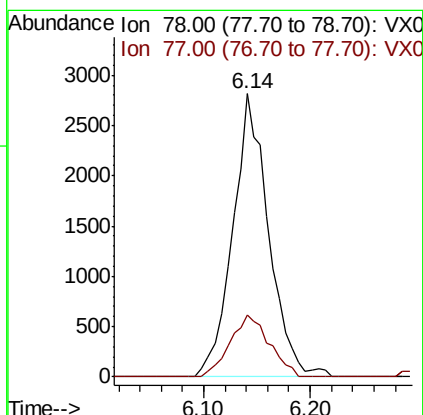
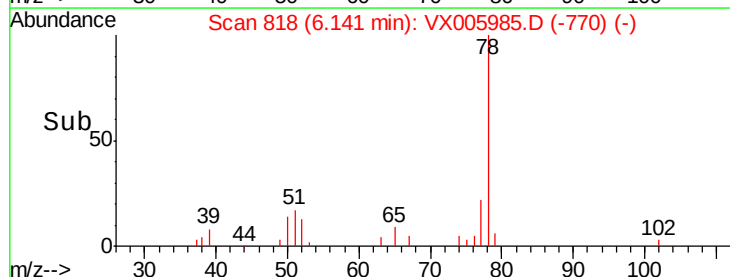
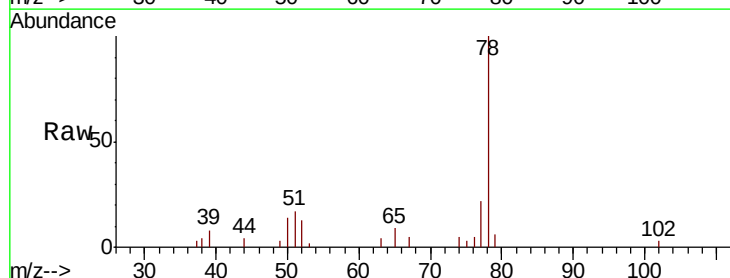
Instrument :
MSVOA_X
ClientSampleId :
SP-UST-MIDDLEDL

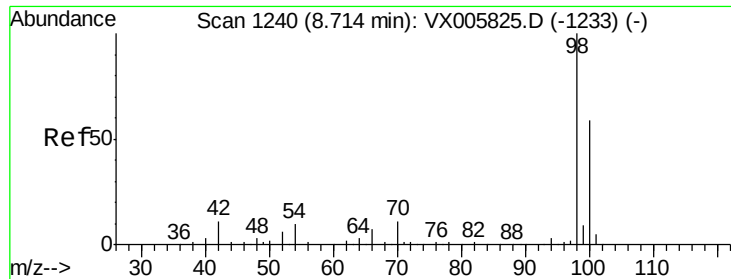
Tot Ion: 83 Resp: 6910
Ion Ratio Lower Upper
83 100
55 90.7 63.7 95.5
98 49.0 36.2 54.2



#40
Benzene
Concen: 1.298 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005985.D
Acq: 14 Nov 2018 20:08

Tgt Ion: 78 Resp: 6633
Ion Ratio Lower Upper
78 100
77 21.8 18.4 27.6

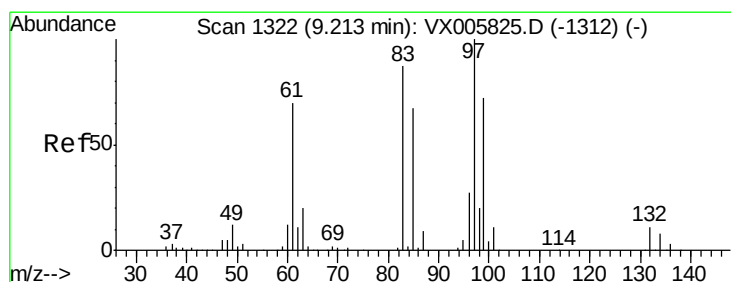
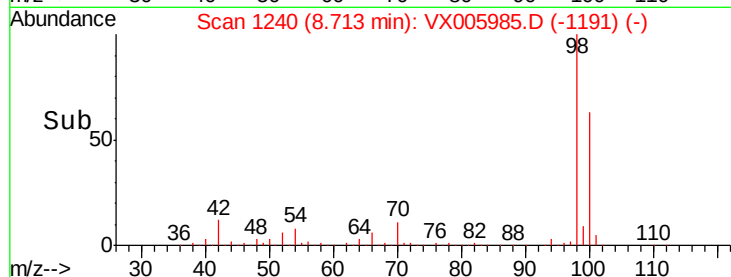
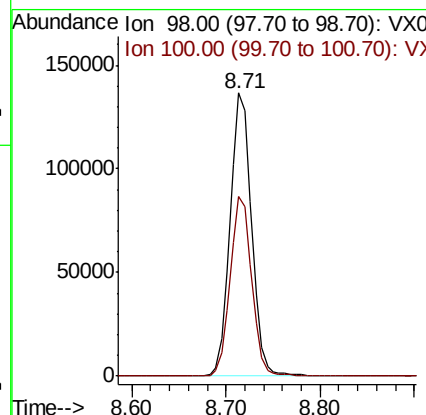
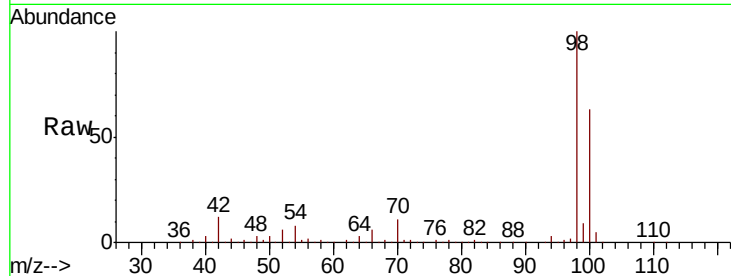




#50
Toluene-d8
Concen: 52.623 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005985.D
Acq: 14 Nov 2018 20:08

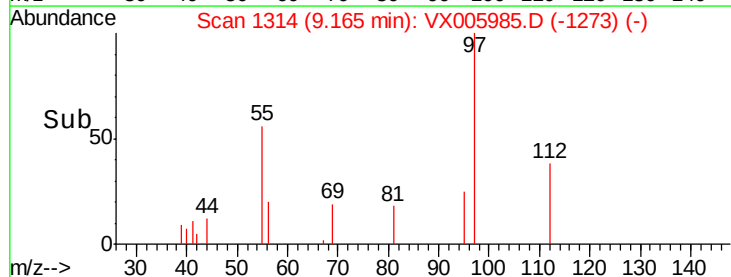
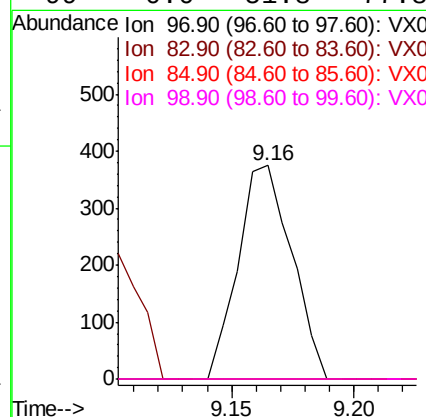
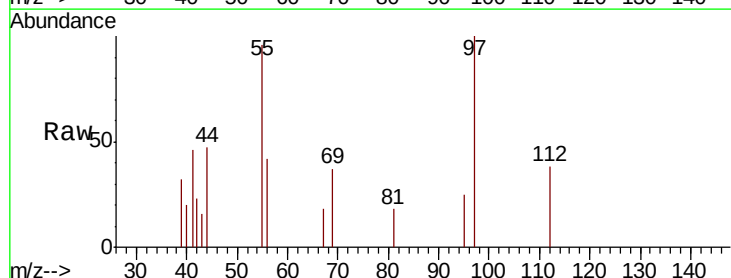
Instrument :
MSVOA_X
ClientSampleId :
SP-UST-MIDDLEDL

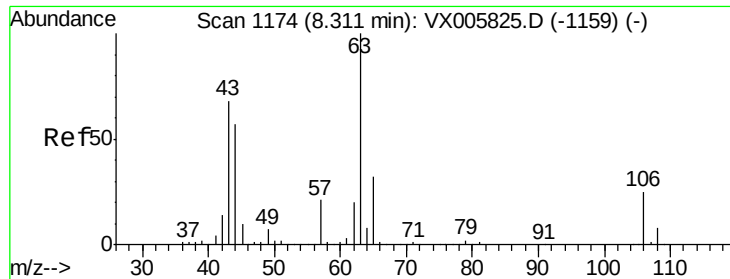
Tot Ion: 98 Resp: 216369
Ion Ratio Lower Upper
98 100
100 63.8 51.3 76.9



#55
1,1,2-Trichloroethane
Concen: 0.449 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.05 min
Lab File: VX005985.D
Acq: 14 Nov 2018 20:08

Tgt Ion: 97 Resp: 572
Ion Ratio Lower Upper
97 100
83 0.0 70.7 106.1#
85 0.0 45.8 68.6#
99 0.0 51.8 77.8#

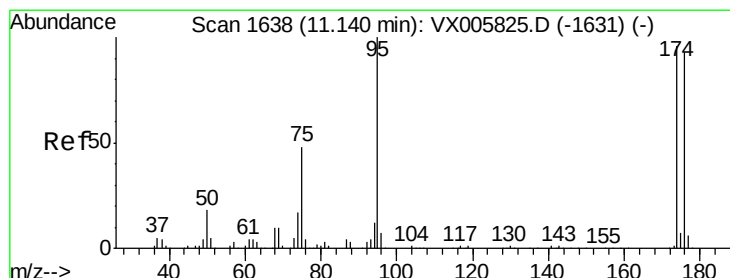
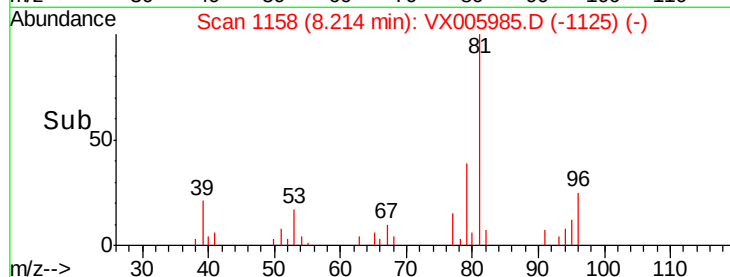
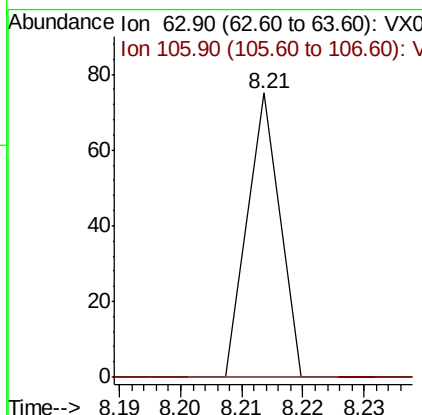
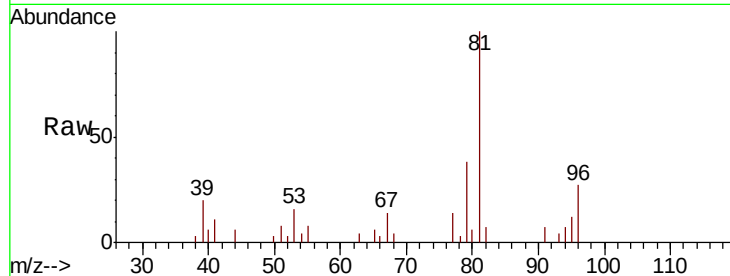




#58
2-Chloroethyl Vinyl ether
Concen: 8.303 ug/l
RT: 8.21 min Scan# 1158
Delta R.T. -0.10 min
Lab File: VX005985.D
Acq: 14 Nov 2018 20:08

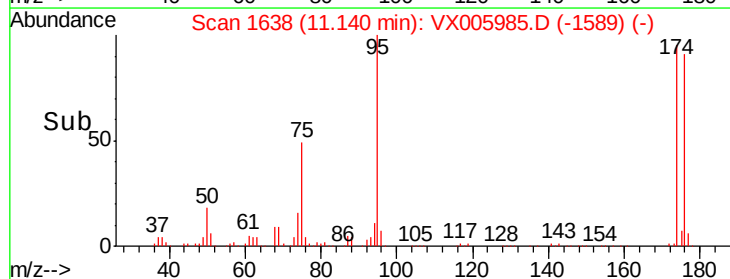
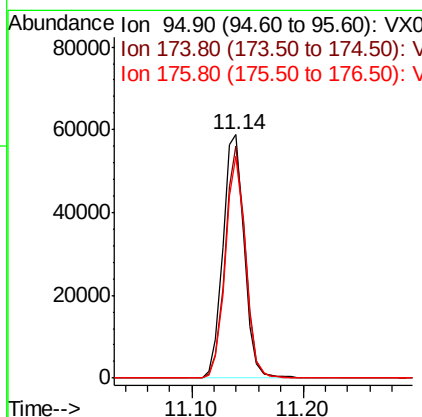
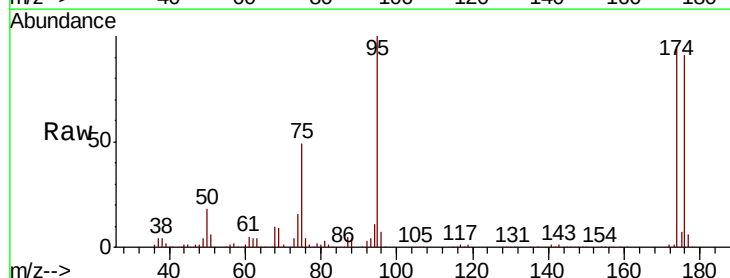
Instrument :
MSVOA_X
ClientSampleId :
SP-UST-MIDDLEDL

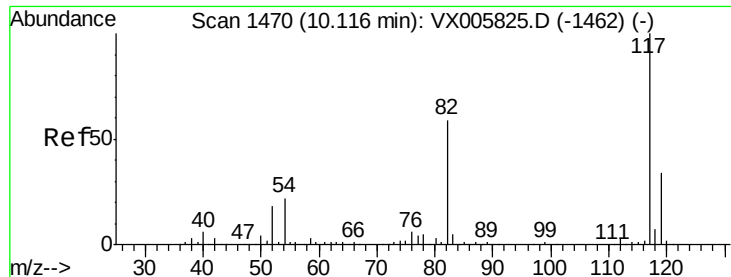
Tot Ion: 63 Resp: 27
Ion Ratio Lower Upper
63 100
106 0.0 21.3 31.9#



#62
4-Bromofluorobenzene
Concen: 52.626 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005985.D
Acq: 14 Nov 2018 20:08

Tgt Ion: 95 Resp: 77797
Ion Ratio Lower Upper
95 100
174 90.3 0.0 184.4
176 86.6 0.0 177.4

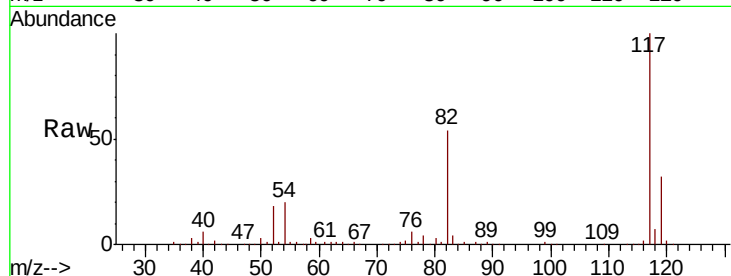




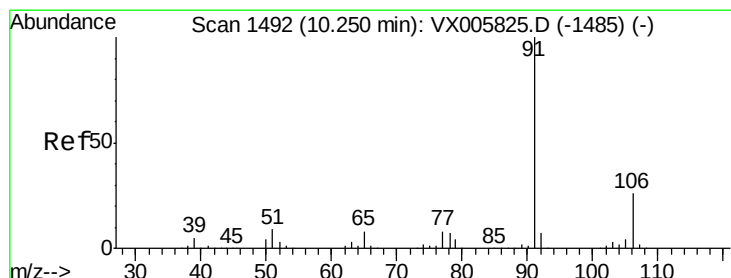
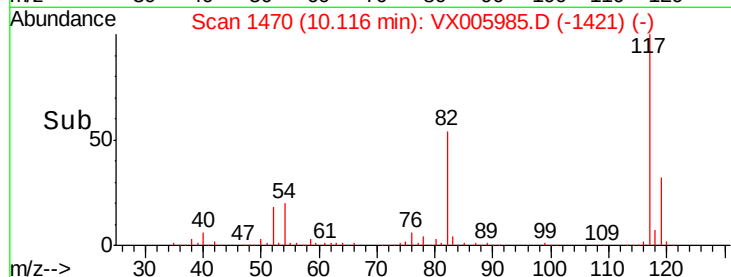
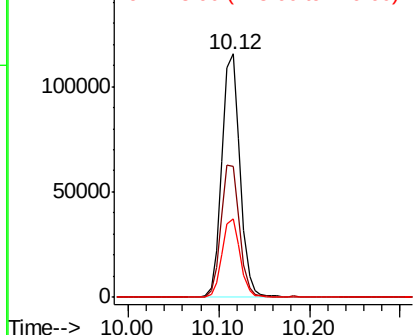
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005985.D
Acq: 14 Nov 2018 20:08

Instrument :
MSVOA_X
ClientSampleId :
SP-UST-MIDDLEDL

Tot Ion:117 Resp: 161875
Ion Ratio Lower Upper
117 100
82 53.7 44.1 66.1
119 32.5 26.2 39.2

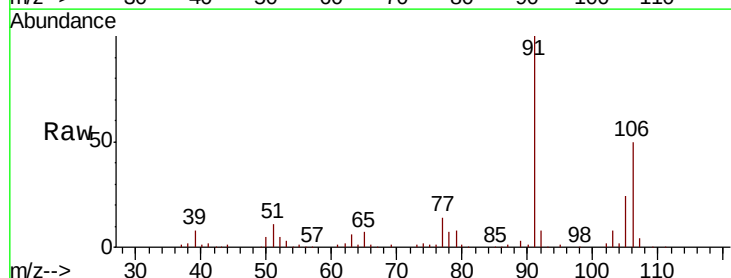


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

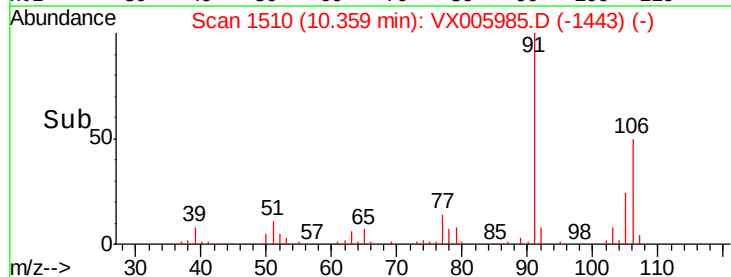
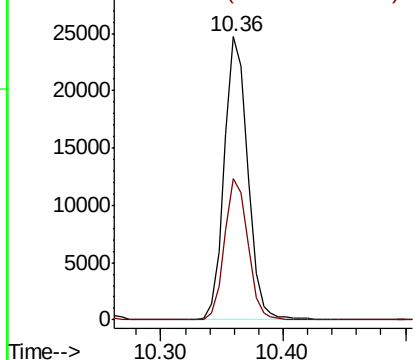


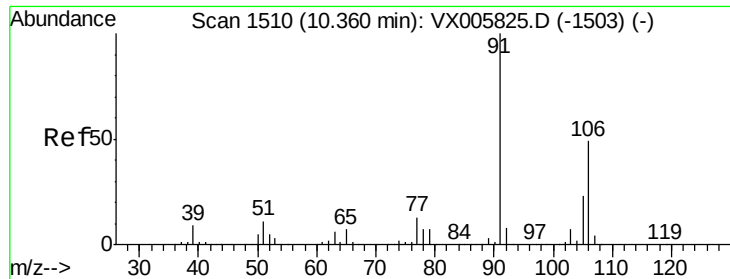
#67
Ethyl Benzene
Concen: 6.318 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.11 min
Lab File: VX005985.D
Acq: 14 Nov 2018 20:08

Tgt Ion: 91 Resp: 32855
Ion Ratio Lower Upper
91 100
106 49.7 24.4 36.6#



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

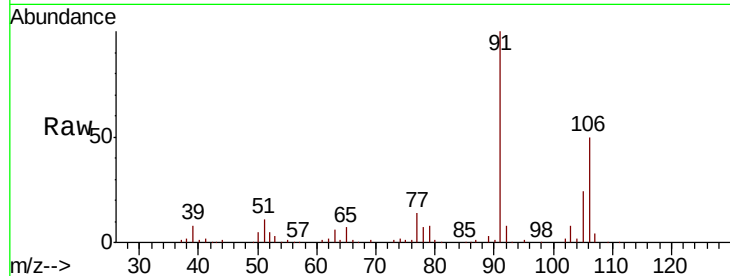




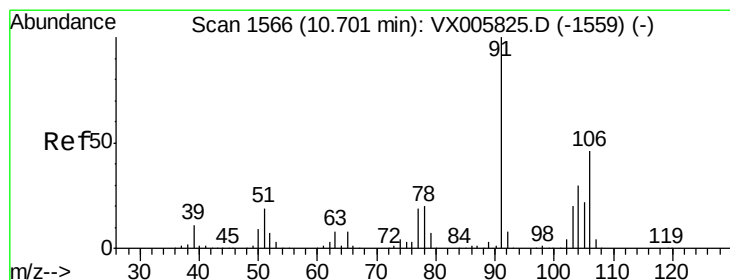
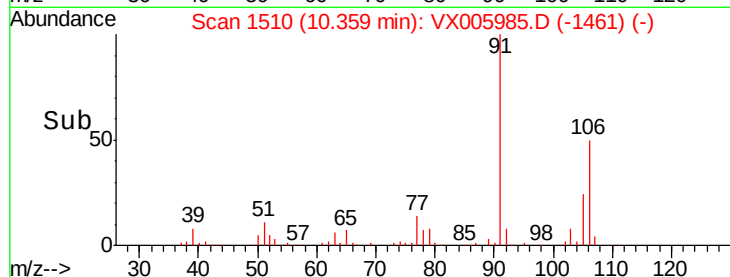
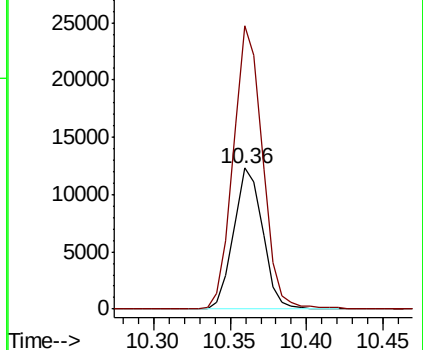
#68
m/p-Xylenes
Concen: 8.189 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005985.D
Acq: 14 Nov 2018 20:08

Instrument :
MSVOA_X
ClientSampleId :
SP-UST-MIDDLEDL

Tot Ion:106 Resp: 16243
Ion Ratio Lower Upper
106 100
91 202.3 164.2 246.4

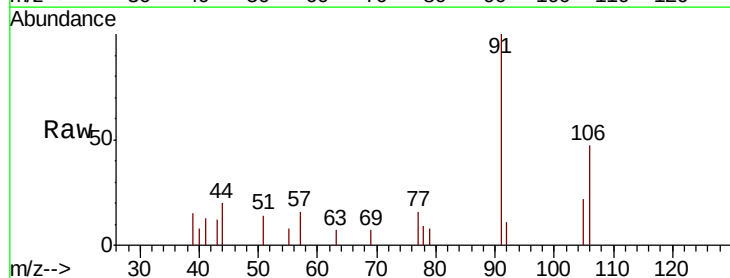


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

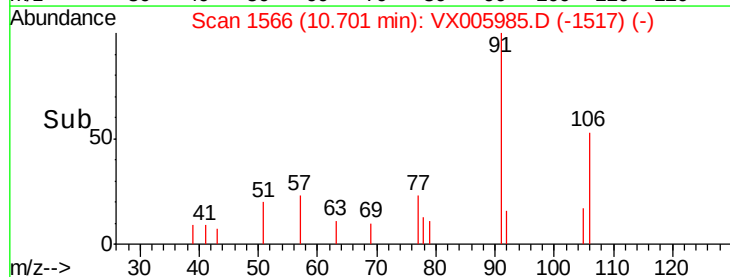
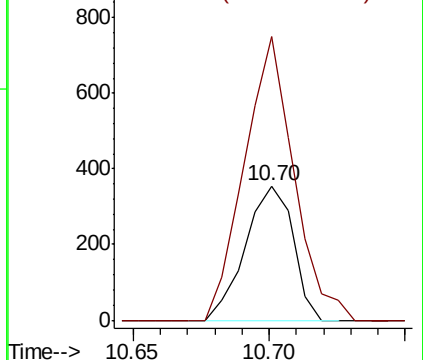


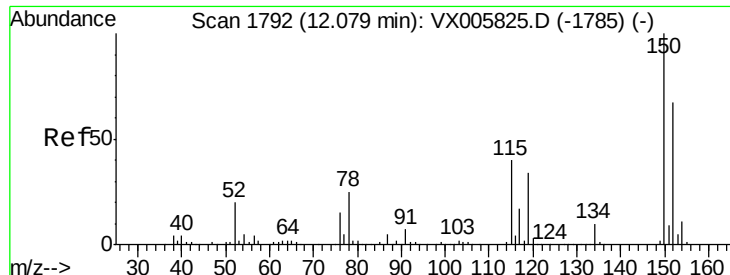
#69
o-Xylene
Concen: 0.242 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005985.D
Acq: 14 Nov 2018 20:08

Tgt Ion:106 Resp: 430
Ion Ratio Lower Upper
106 100
91 219.1 108.5 325.5



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005985.D

Acq: 14 Nov 2018 20:08

Instrument :

MSVOA_X

ClientSampleId :

SP-UST-MIDDLEDL

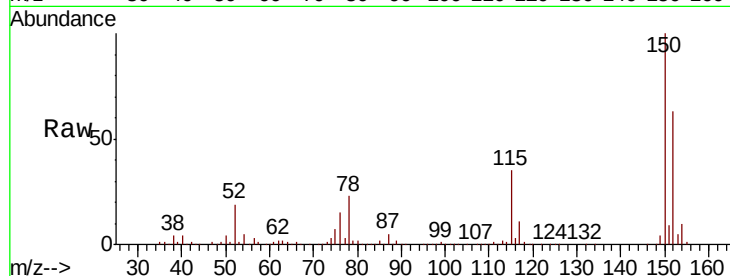
Tot Ion:152 Resp: 83023

Ion Ratio Lower Upper

152 100

115 55.8 39.4 118.1

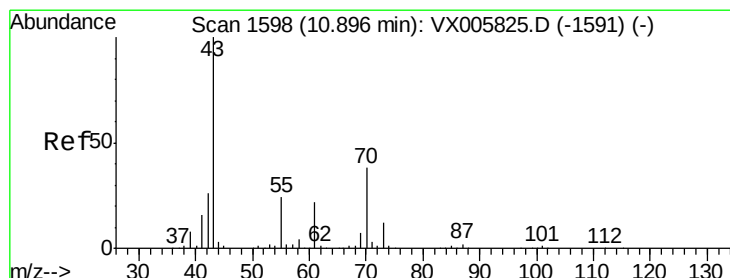
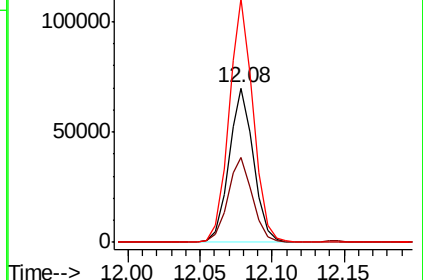
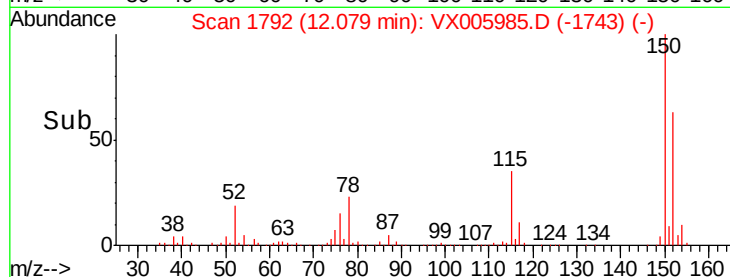
150 156.1 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 1.261 ug/l

RT: 10.87 min Scan# 1594

Delta R.T. -0.02 min

Lab File: VX005985.D

Acq: 14 Nov 2018 20:08

Tgt Ion: 43 Resp: 27

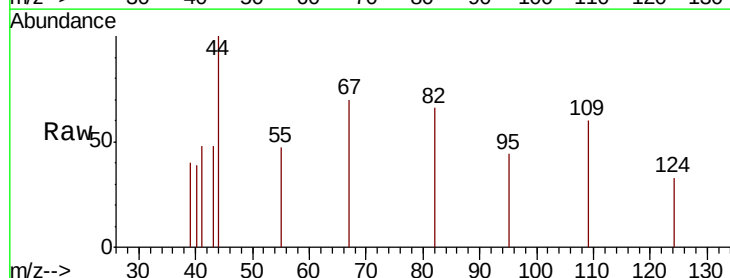
Ion Ratio Lower Upper

43 100

70 0.0 31.6 47.4#

55 263.0 19.7 29.5#

61 0.0 18.3 27.5#

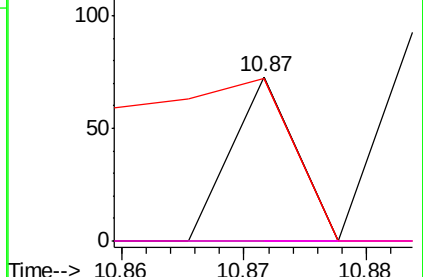
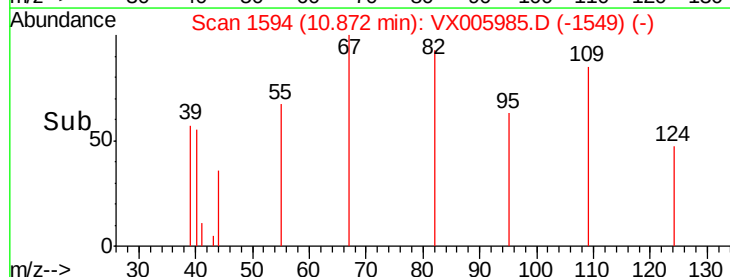


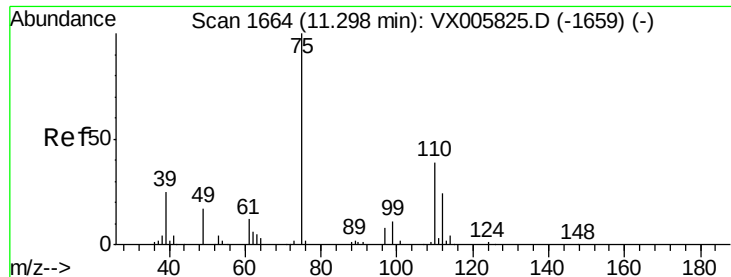
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

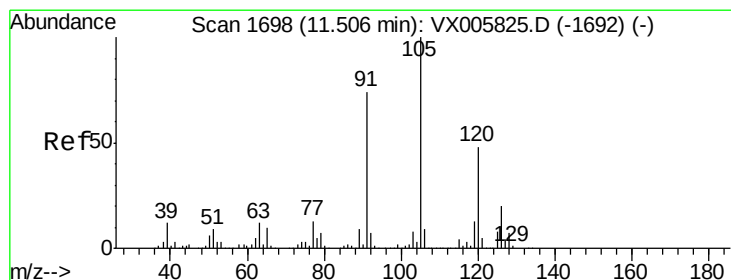
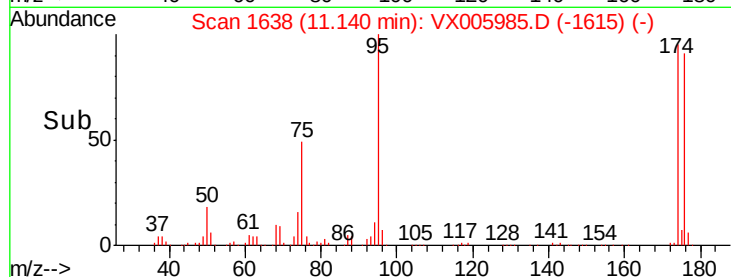
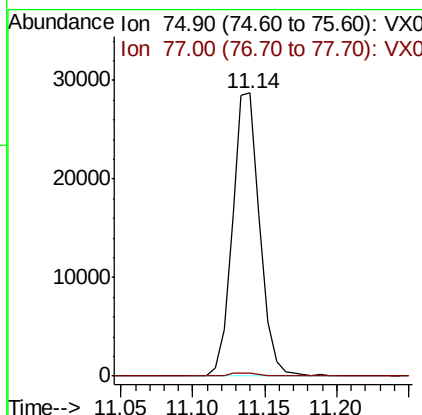
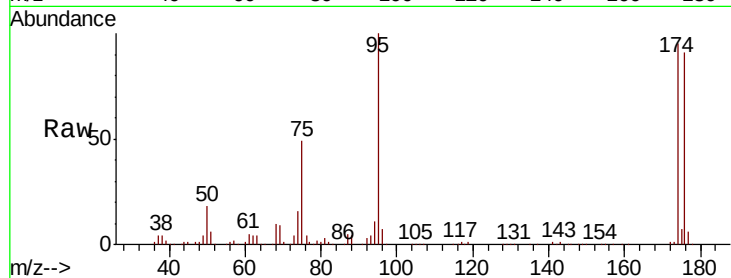




#76
 1,2,3-Trichloropropane
 Concen: 22.457 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX005985.D
 Acq: 14 Nov 2018 20:08

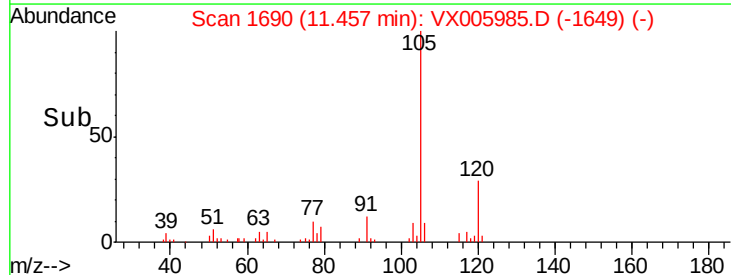
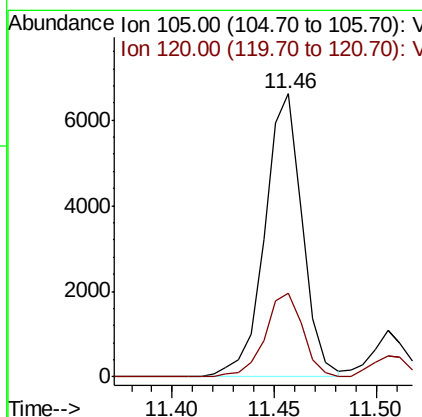
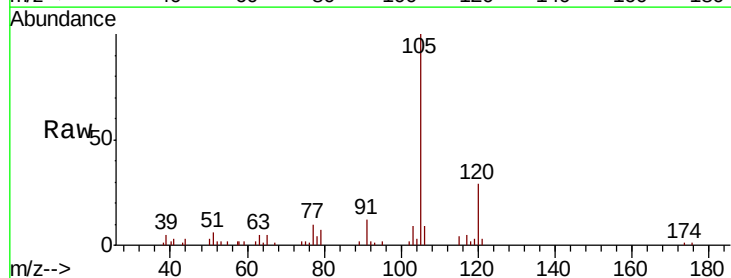
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-UST-MIDDLEDL

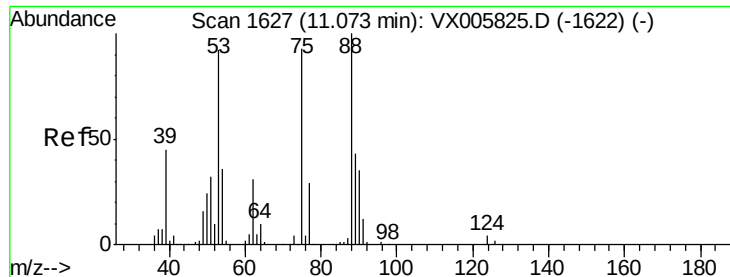
Tot Ion: 75 Resp: 37965
 Ion Ratio Lower Upper
 75 100
 77 1.4 20.5 61.6#



#80
 1,3,5-Trimethylbenzene
 Concen: 2.080 ug/l
 RT: 11.46 min Scan# 1690
 Delta R.T. -0.05 min
 Lab File: VX005985.D
 Acq: 14 Nov 2018 20:08

Tgt Ion: 105 Resp: 8487
 Ion Ratio Lower Upper
 105 100
 120 29.6 24.1 72.2

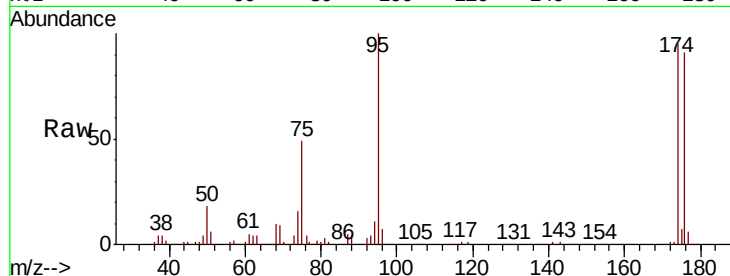




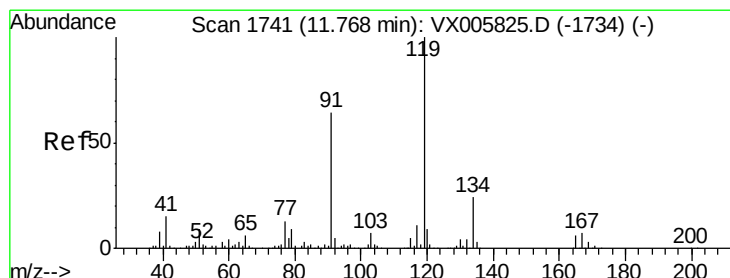
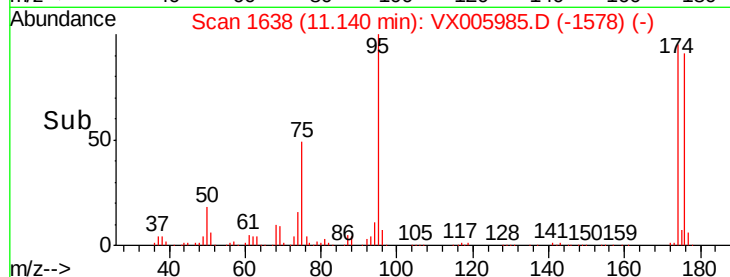
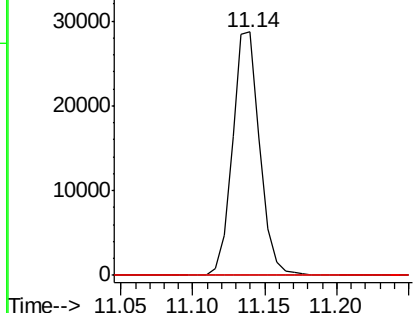
#81
trans-1,4-Dichloro-2-butene
Concen: 71.576 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX005985.D
Acq: 14 Nov 2018 20:08

Instrument :
MSVOA_X
ClientSampleId :
SP-UST-MIDDLEDL

Tot Ion: 75 Resp: 37965
Ion Ratio Lower Upper
75 100
53 0.1 80.2 120.2#
89 0.0 39.8 59.8#

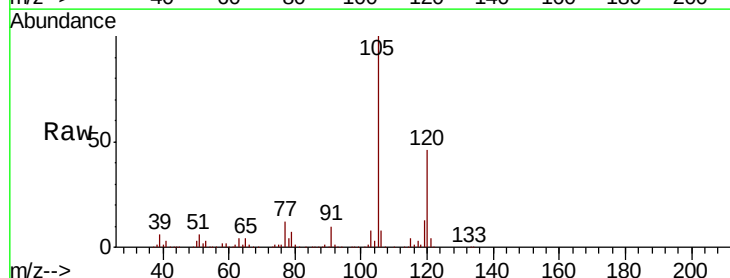


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

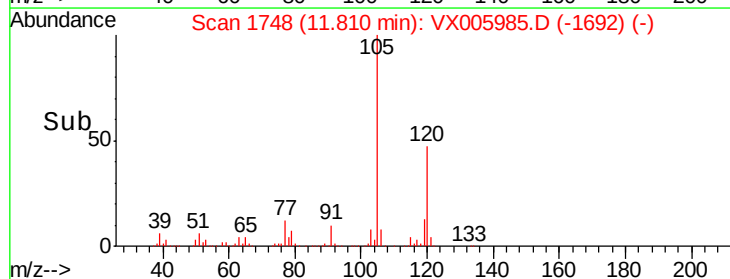
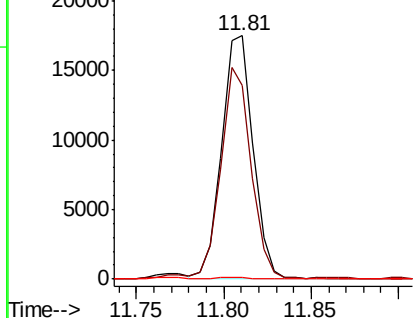


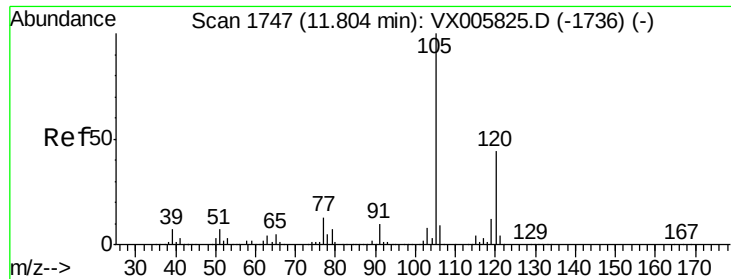
#83
tert-Butylbenzene
Concen: 5.322 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.04 min
Lab File: VX005985.D
Acq: 14 Nov 2018 20:08

Tgt Ion: 119 Resp: 21966
Ion Ratio Lower Upper
119 100
91 85.1 28.5 85.5
134 0.8 11.3 33.8#



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





#84

1,2,4-Trimethylbenzene

Concen: 39.014 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX005985.D

Acq: 14 Nov 2018 20:08

Instrument :

MSVOA_X

ClientSampleId :

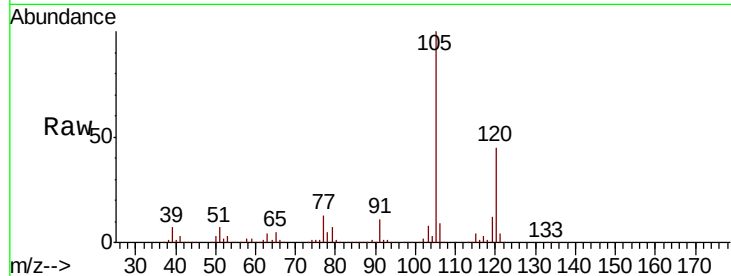
SP-UST-MIDDLEDL

Tot Ion:105 Resp: 175784

Ion Ratio Lower Upper

105 100

120 45.3 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

100000

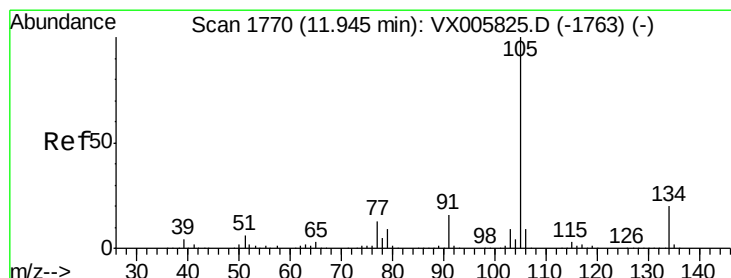
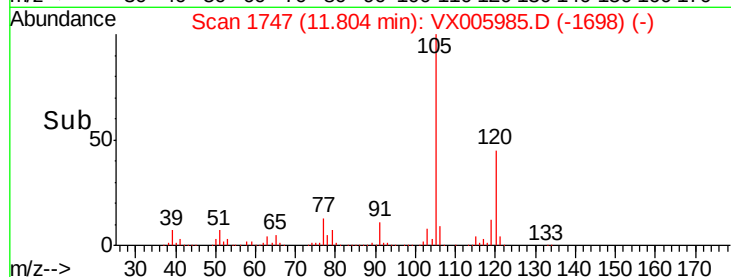
50000

0

11.80

11.90

Time-->



#85

sec-Butylbenzene

Concen: 34.826 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX005985.D

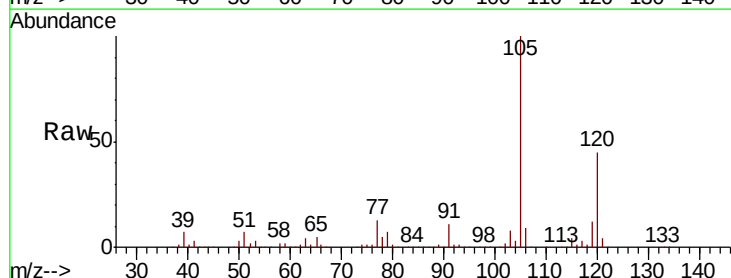
Acq: 14 Nov 2018 20:08

Tgt Ion:105 Resp: 175784

Ion Ratio Lower Upper

105 100

134 0.1 10.2 30.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

150000

100000

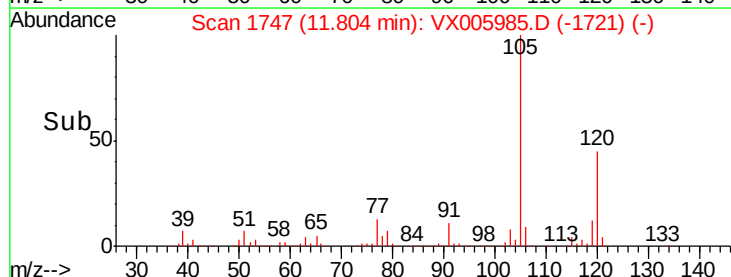
50000

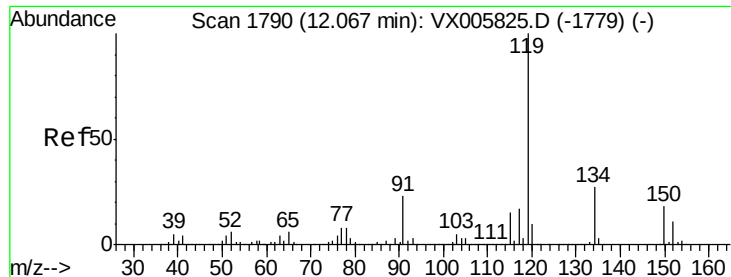
0

11.80

11.90

Time-->

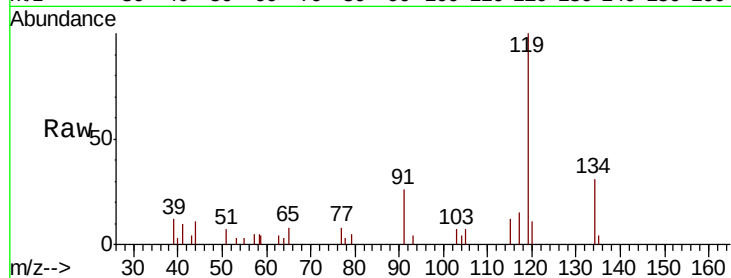




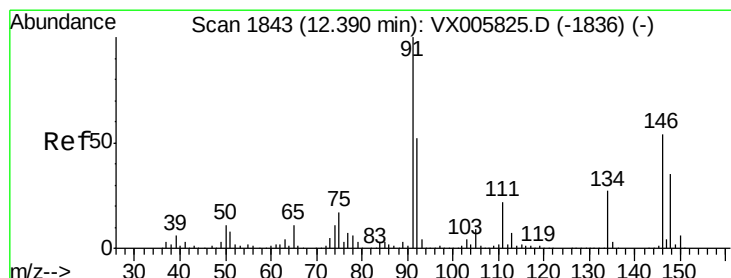
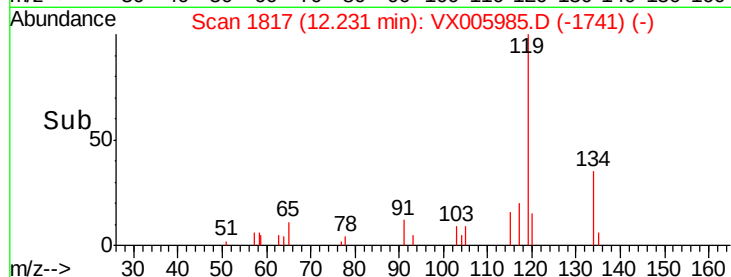
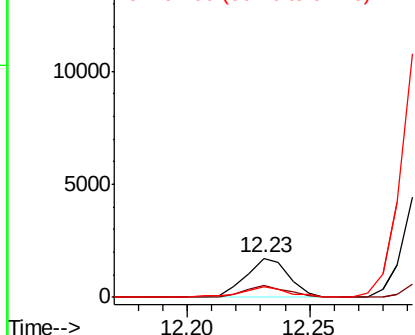
#86
p-Isopropyltoluene
Concen: 0.472 ug/l
RT: 12.23 min Scan# 1817
Delta R.T. 0.16 min
Lab File: VX005985.D
Acq: 14 Nov 2018 20:08

Instrument :
MSVOA_X
ClientSampleId :
SP-UST-MIDDLEDL

Tot Ion:119 Resp: 2111
Ion Ratio Lower Upper
119 100
134 29.8 13.0 39.0
91 29.5 11.4 34.2

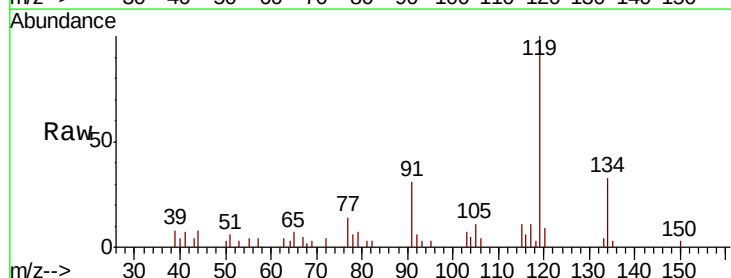


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

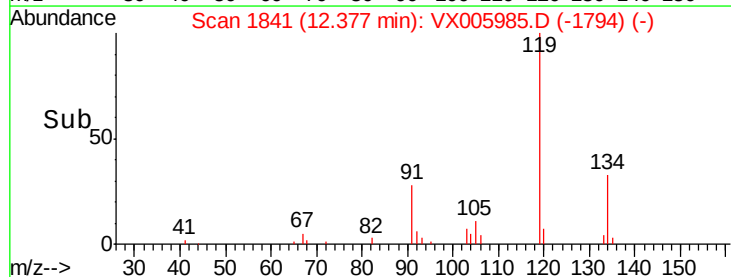
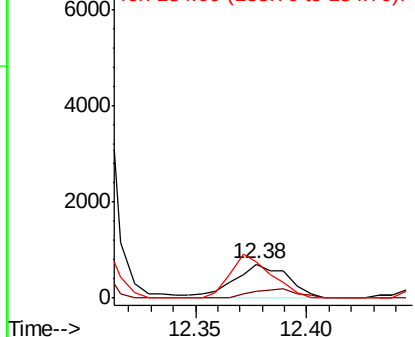


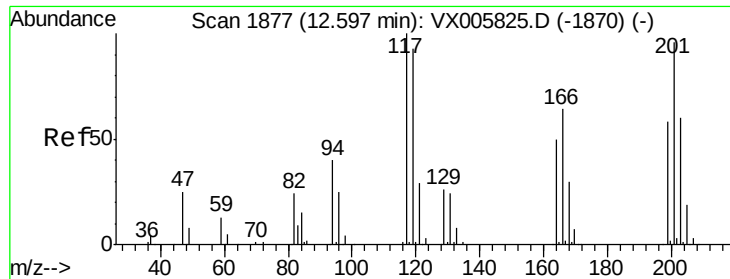
#89
n-Butylbenzene
Concen: 0.286 ug/l
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX005985.D
Acq: 14 Nov 2018 20:08

Tgt Ion: 91 Resp: 1185
Ion Ratio Lower Upper
91 100
92 22.9 26.1 78.2#
134 99.2 13.1 39.3#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 6.542 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX005985.D

Acq: 14 Nov 2018 20:08

Instrument :

MSVOA_X

ClientSampleId :

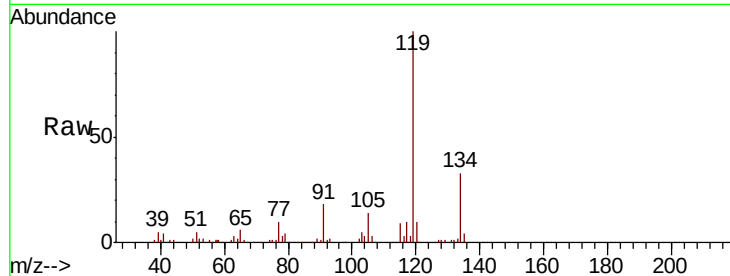
SP-UST-MIDDLEDL

Tot Ion:117 Resp: 4883

Ion Ratio Lower Upper

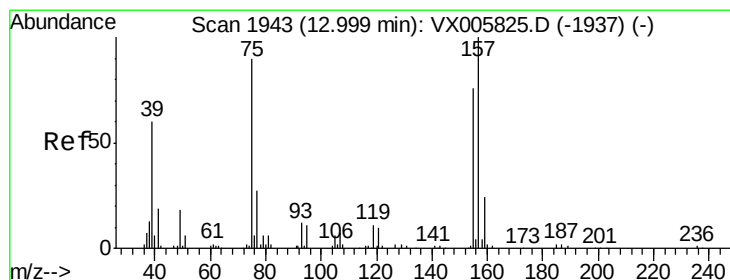
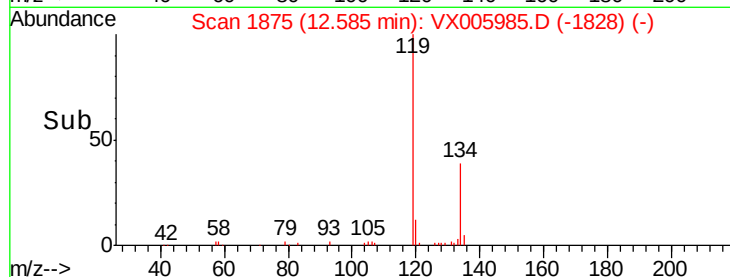
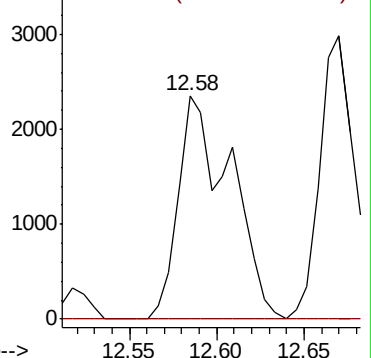
117 100

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: 1.032 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX005985.D

Acq: 14 Nov 2018 20:08

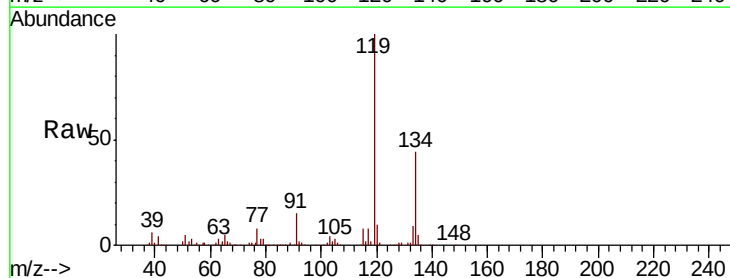
Tgt Ion: 75 Resp: 444

Ion Ratio Lower Upper

75 100

155 0.0 45.4 136.1#

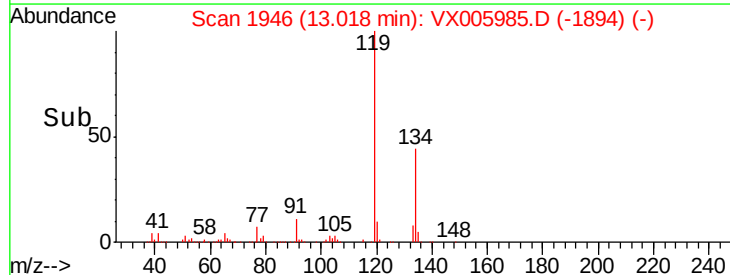
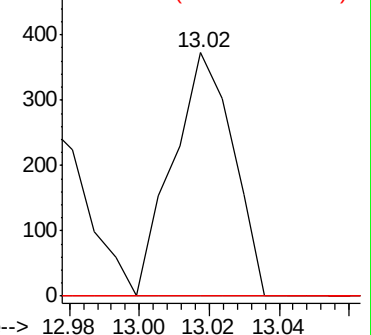
157 0.0 57.4 172.0#

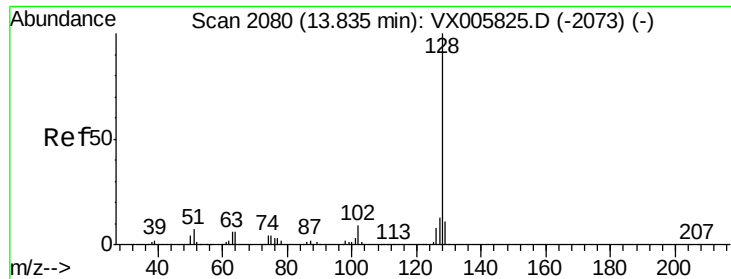


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

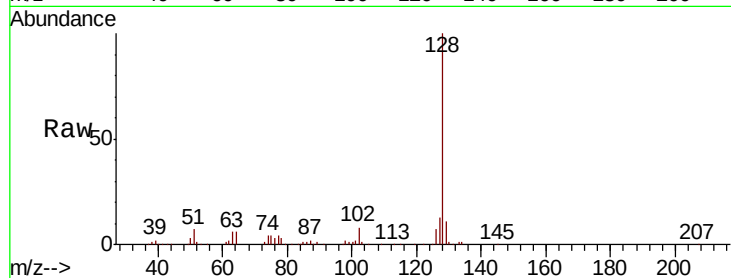




#95
Naphthalene
Concen: 10.437 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005985.D
Acq: 14 Nov 2018 20:08

Instrument :
MSVOA_X
ClientSampleId :
SP-UST-MIDDLEDL

Tot Ion:128 Resp: 56644
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.8 8.7 13.1



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

