

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091518\
 Data File : VX004617.D
 Acq On : 16 Sep 2018 06:39
 Operator : JC/MD
 Sample : J4898-03DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ROLLOFF01-COMP-FILLDL

Quant Time: Sep 17 08:47:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	258051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	354450	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	337460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	256687	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	169774	51.02	ug/l	0.00
Spiked Amount			Recovery	=	102.04%	
35) Dibromofluoromethane	5.50	113	164408	50.69	ug/l	0.00
Spiked Amount			Recovery	=	101.38%	
50) Toluene-d8	8.72	98	492137	45.24	ug/l	0.00
Spiked Amount			Recovery	=	90.48%	
62) 4-Bromofluorobenzene	11.14	95	190206	48.99	ug/l	0.00
Spiked Amount			Recovery	=	97.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	599	Below Cal	#	54
10) Methyl Iodide	2.52	142	163	4.30	ug/l #	41
16) Acetone	2.45	43	3336	2.05	ug/l	99
18) Methyl Acetate	2.78	43	1193	0.26	ug/l	100
20) Methylene Chloride	2.86	84	97478	29.26	ug/l	90
25) 2-Butanone	4.70	43	964	0.37	ug/l #	47
29) Tetrahydrofuran	5.17	42	423	0.27	ug/l #	49
31) Cyclohexane	5.66	56	4203	0.87	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	17105	3.97	ug/l #	49
38) Carbon Tetrachloride	5.66	117	22158	5.27	ug/l #	15
40) Benzene	6.14	78	292324	22.90	ug/l	100
42) 1,2-Dichloroethane	6.14	62	2338	0.55	ug/l #	72
43) Isopropyl Acetate	6.46	43	12654	1.95	ug/l	99
44) Trichloroethene	7.21	130	807	0.24	ug/l	80
52) Toluene	8.79	92	355665	47.28	ug/l	98
53) t-1,3-Dichloropropene	8.79	75	3879	0.90	ug/l #	1
55) 1,1,2-Trichloroethane	9.08	97	6257	1.93	ug/l #	19
67) Ethyl Benzene	10.26	91	221569	16.26	ug/l	99
68) m/p-Xylenes	10.36	106	257876	49.12	ug/l	97
69) o-Xylene	10.70	106	112098	22.21	ug/l	98
70) Styrene	10.71	104	16060	1.92	ug/l #	1
73) Isopropylbenzene	11.02	105	18068	1.07	ug/l	98
76) 1,2,3-Trichloropropane	11.14	75	89152	17.26	ug/l #	37
79) 2-Chlorotoluene	11.44	91	8254	0.70	ug/l #	48
80) 1,3,5-Trimethylbenzene	11.51	105	66173	4.66	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	89152	55.03	ug/l #	10
82) 4-Chlorotoluene	11.51	91	6796	0.49	ug/l #	44
83) tert-Butylbenzene	11.81	119	26668	1.97	ug/l #	64
84) 1,2,4-Trimethylbenzene	11.81	105	208589	14.38	ug/l	99
85) sec-Butylbenzene	11.81	105	208589	12.10	ug/l #	56
86) p-Isopropyltoluene	12.07	119	5265	0.35	ug/l #	74
90) Hexachloroethane	12.47	117	184976	75.89	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	13.02	75	11613	9.97	ug/l #	1
95) Naphthalene	13.84	128	11653464	665.00	ug/l #	93

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QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

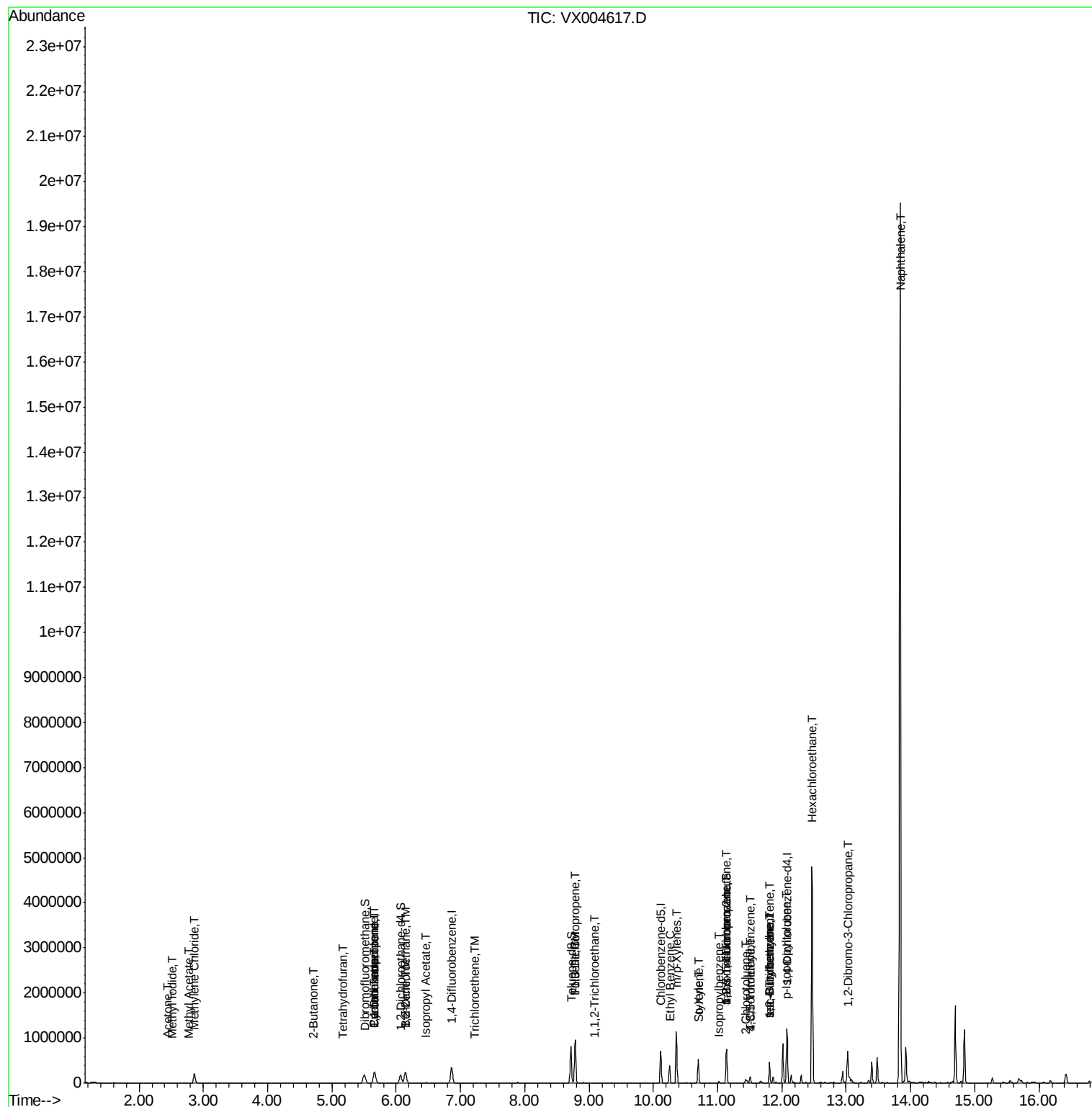
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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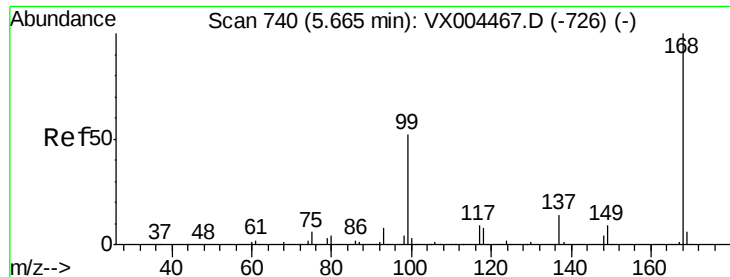
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004617.D

Acq: 16 Sep 2018 06:39

Instrument :

MSVOA_X

ClientSampleId :

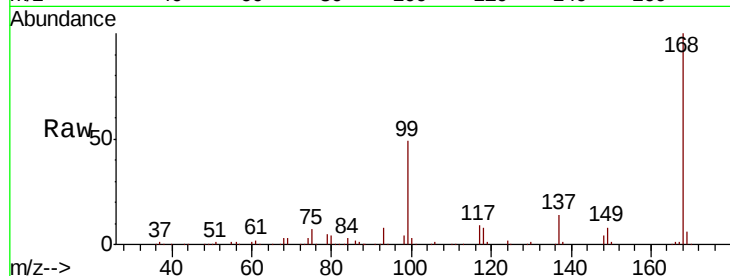
ROLLOFF01-COMP-FILLDL

Tot Ion:168 Resp: 258051

Ion Ratio Lower Upper

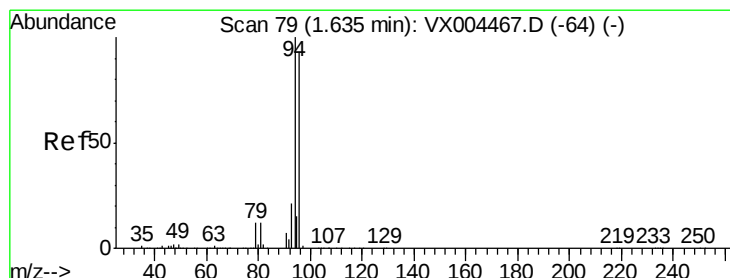
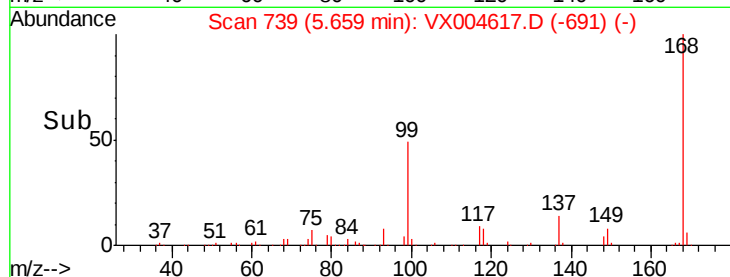
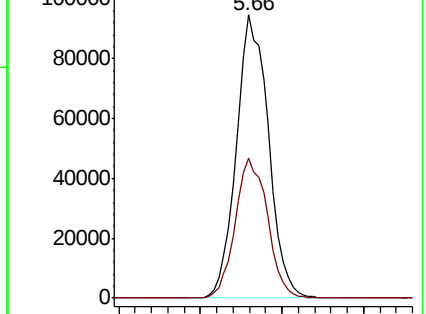
168 100

99 49.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX004617.D

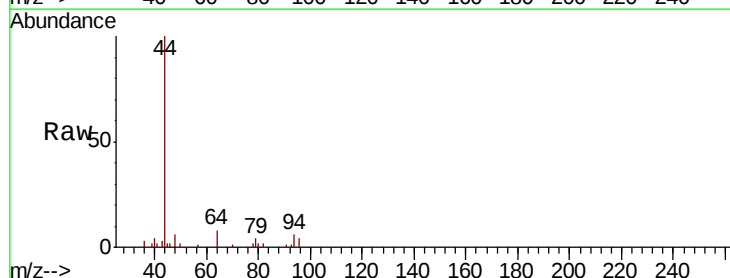
Acq: 16 Sep 2018 06:39

Tgt Ion: 94 Resp: 599

Ion Ratio Lower Upper

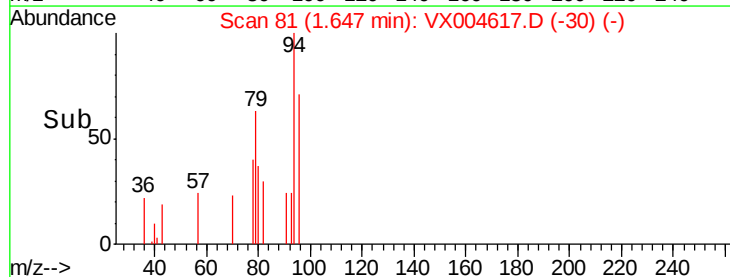
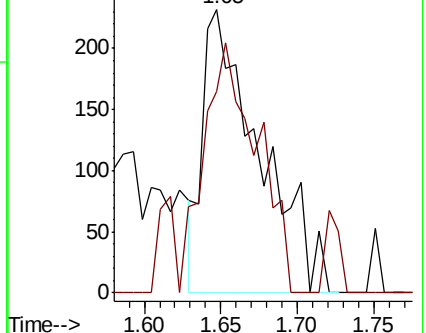
94 100

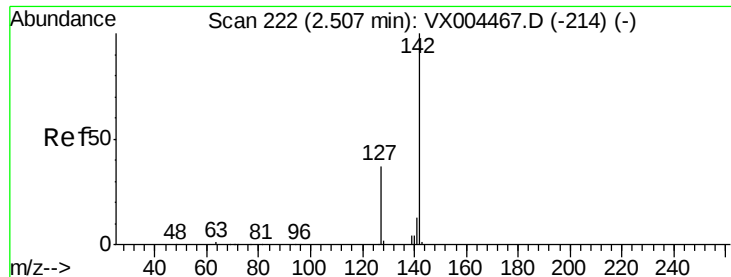
96 49.1 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#10

Methvl Iodide

Concen: 4.30 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX004617.D

Acq: 16 Sep 2018 06:39

Instrument :

MSVOA_X

ClientSampleId :

ROLLOFF01-COMP-FILLDL

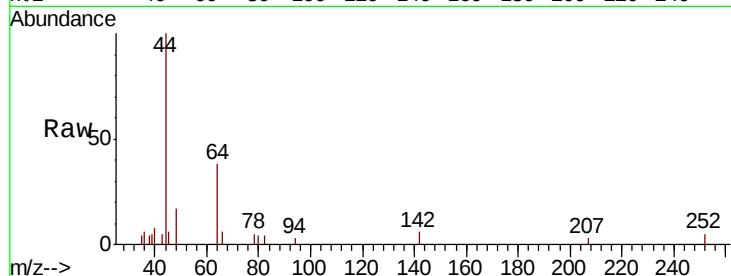
Tot Ion:142 Resp: 163

Ion Ratio Lower Upper

142 100

127 0.0 33.8 50.6#

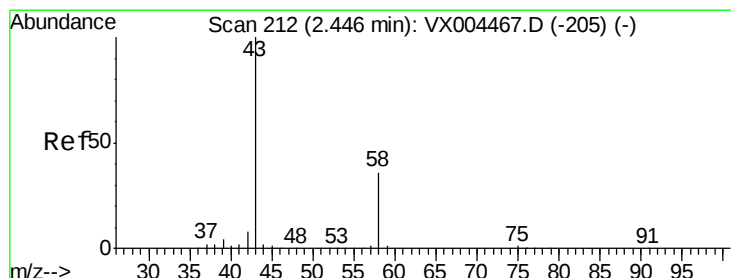
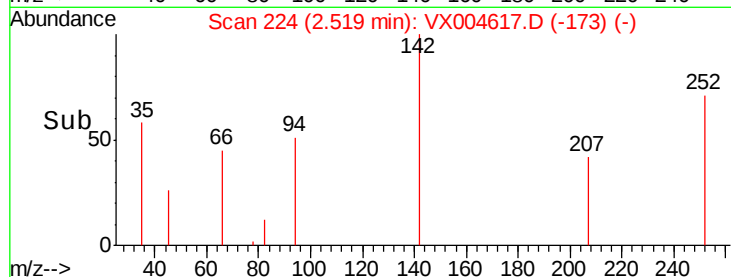
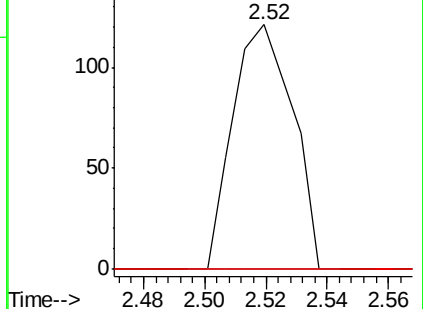
141 0.0 11.4 17.0#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#16

Acetone

Concen: 2.05 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004617.D

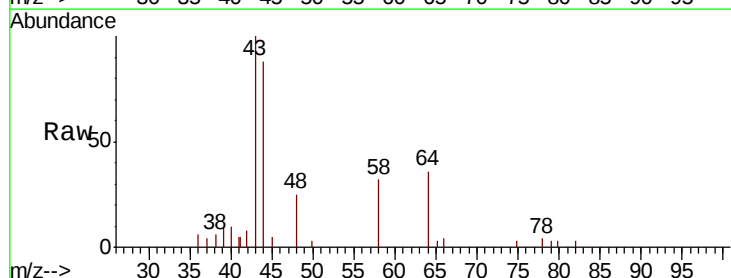
Acq: 16 Sep 2018 06:39

Tgt Ion: 43 Resp: 3336

Ion Ratio Lower Upper

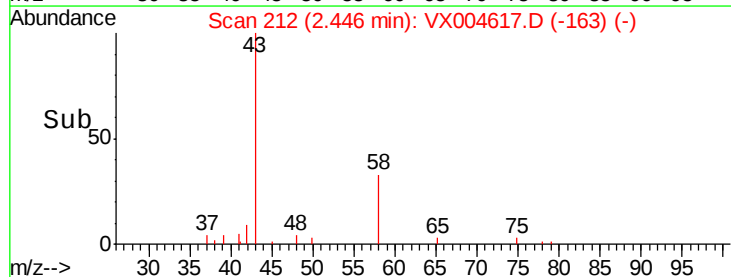
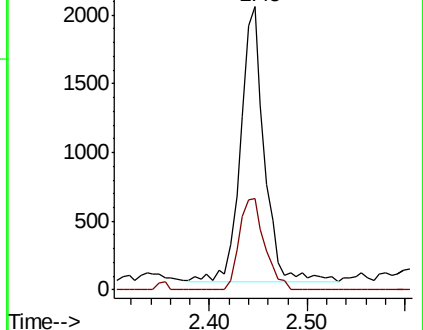
43 100

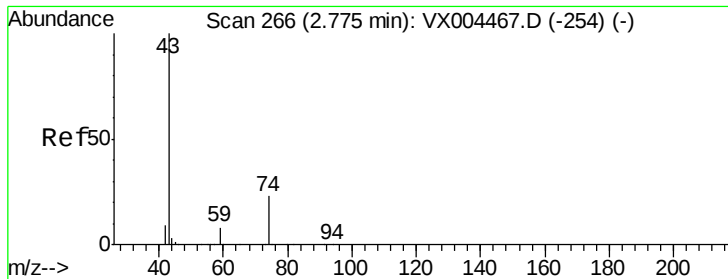
58 33.5 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

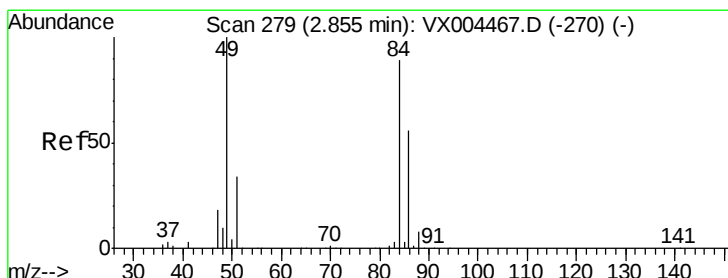
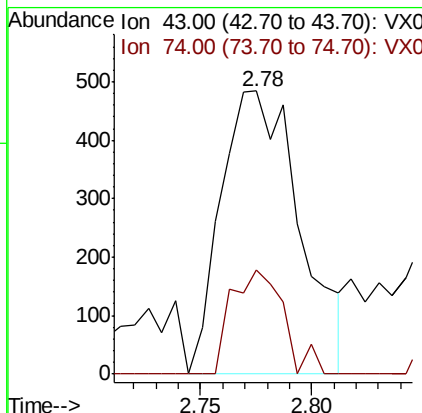
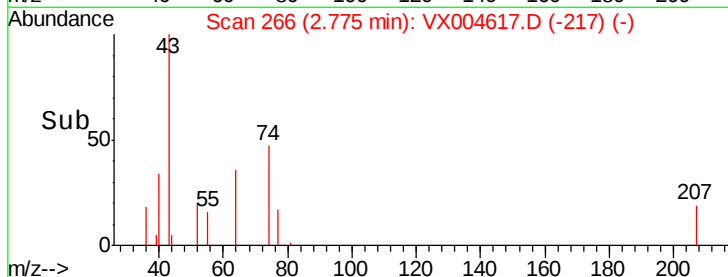
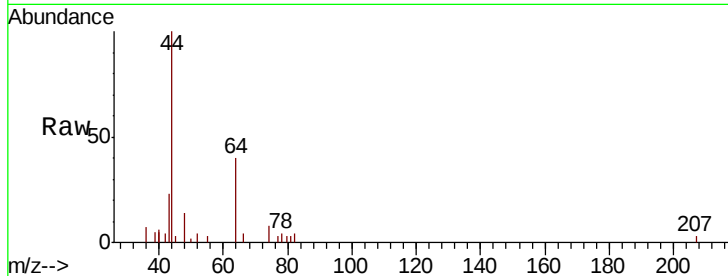




#18
Methyl Acetate
Concen: 0.26 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004617.D
Acq: 16 Sep 2018 06:39

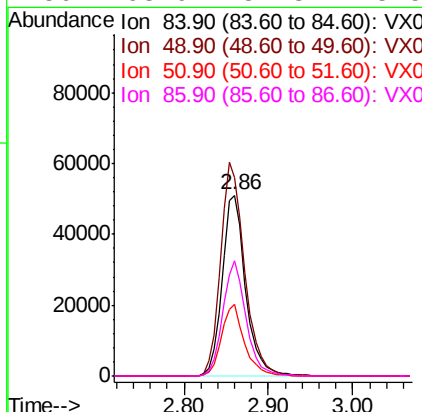
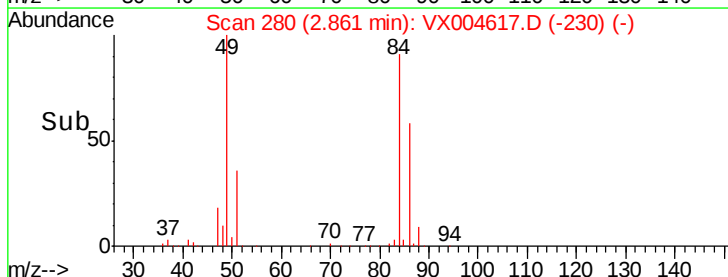
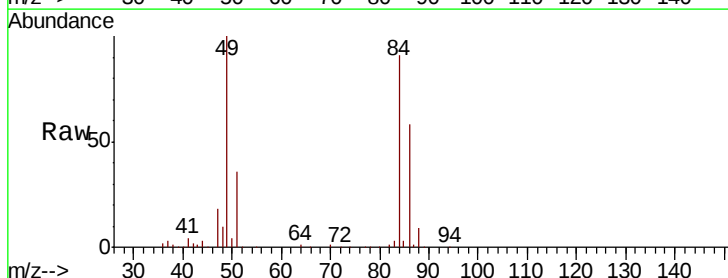
Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF01-COMP-FILLDL

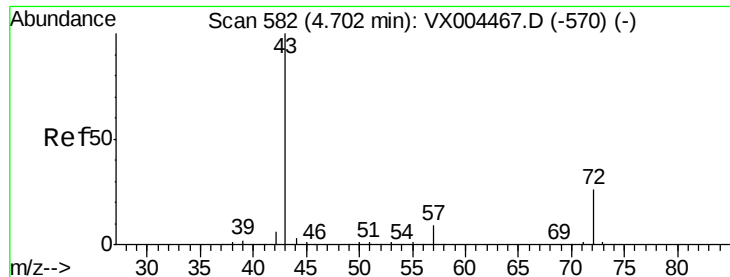
Tot Ion: 43 Resp: 1193
Ion Ratio Lower Upper
43 100
74 24.1 19.4 29.2



#20
Methylene Chloride
Concen: 29.26 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004617.D
Acq: 16 Sep 2018 06:39

Tgt Ion: 84 Resp: 97478
Ion Ratio Lower Upper
84 100
49 109.4 101.2 151.8
51 39.9 29.5 44.3
86 63.9 52.3 78.5





#25

2-Butanone

Concen: 0.37 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX004617.D

Acq: 16 Sep 2018 06:39

Instrument :

MSVOA_X

ClientSampleId :

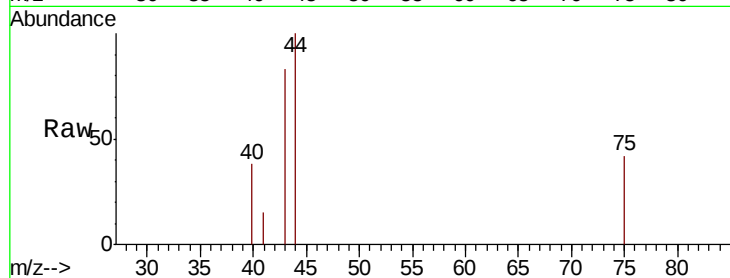
ROLLOFF01-COMP-FILLDL

Tot Ion: 43 Resp: 964

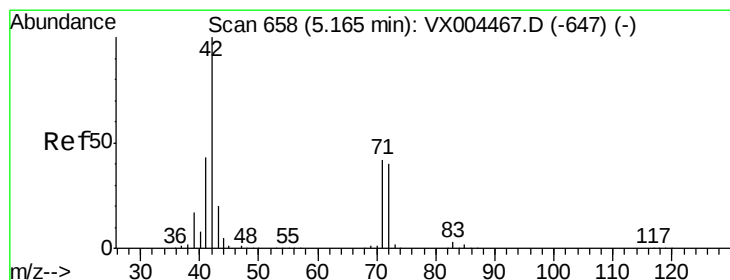
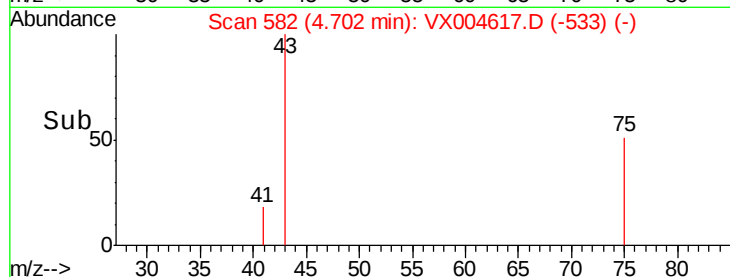
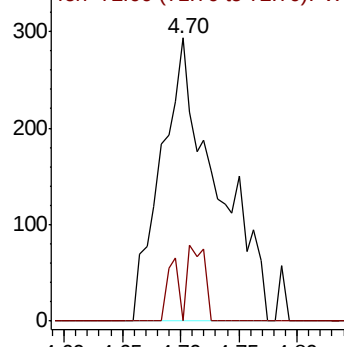
Ion Ratio Lower Upper

43 100

72 0.0 22.0 33.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0



#29

Tetrahydrofuran

Concen: 0.27 ug/l

RT: 5.17 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX004617.D

Acq: 16 Sep 2018 06:39

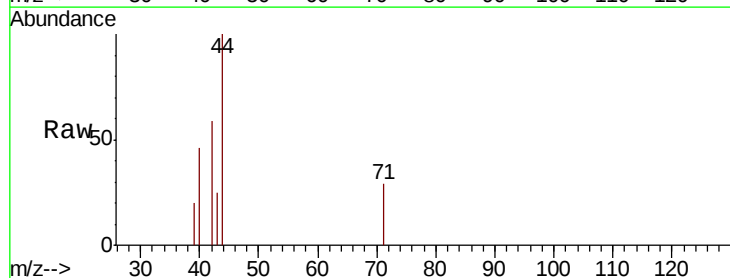
Tgt Ion: 42 Resp: 423

Ion Ratio Lower Upper

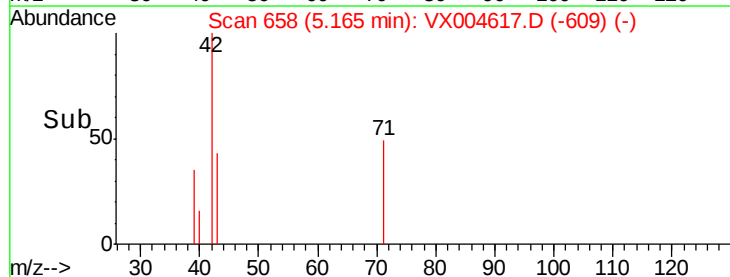
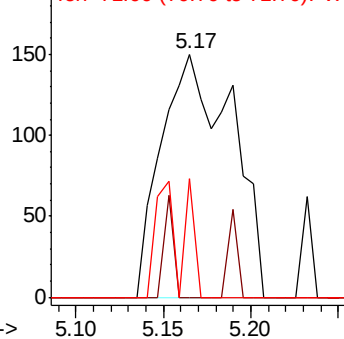
42 100

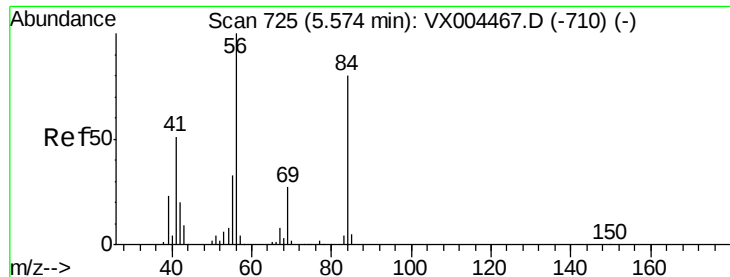
72 5.4 37.4 56.0#

71 18.0 34.5 51.7#



Abundance Ion 42.00 (41.70 to 42.70): VX0

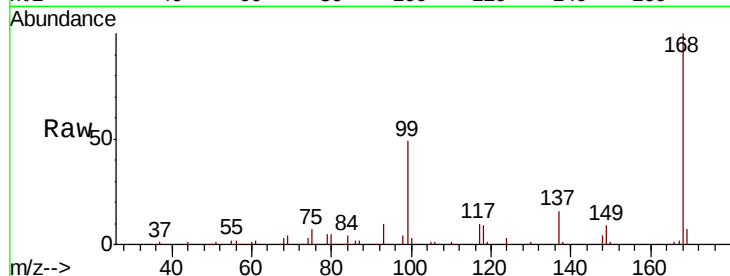




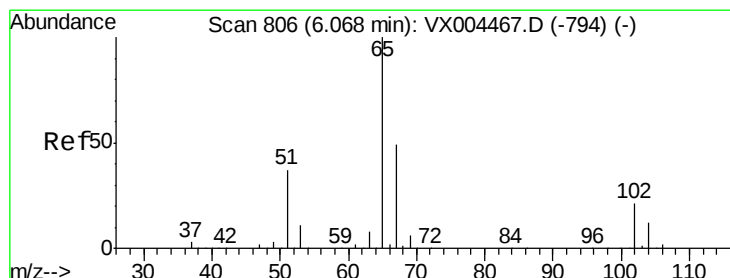
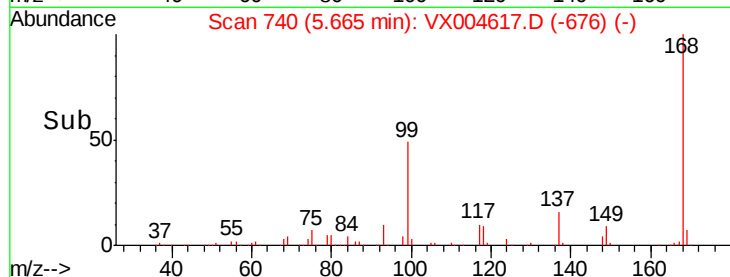
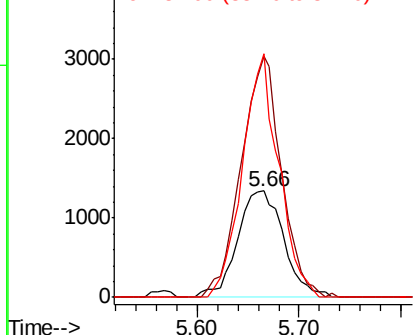
#31
Cyclohexane
Concen: 0.87 ug/l
RT: 5.66 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX004617.D
Acq: 16 Sep 2018 06:39

Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF01-COMP-FILLDL

Tot Ion: 56 Resp: 4203
Ion Ratio Lower Upper
56 100
69 227.1 25.4 38.2#
84 229.0 71.4 107.2#

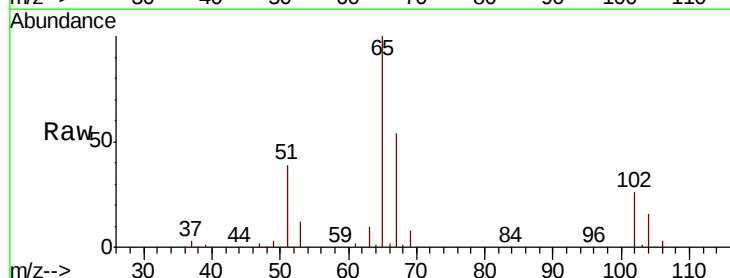


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

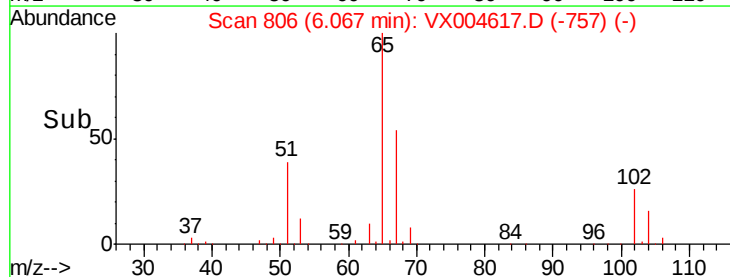
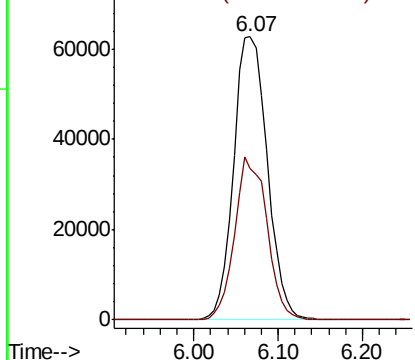


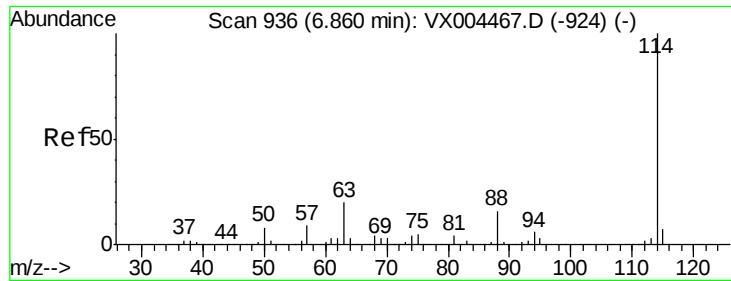
#33
1,2-Dichloroethane-d4
Concen: 51.02 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004617.D
Acq: 16 Sep 2018 06:39

Tgt Ion: 65 Resp: 169774
Ion Ratio Lower Upper
65 100
67 55.1 0.0 106.8



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

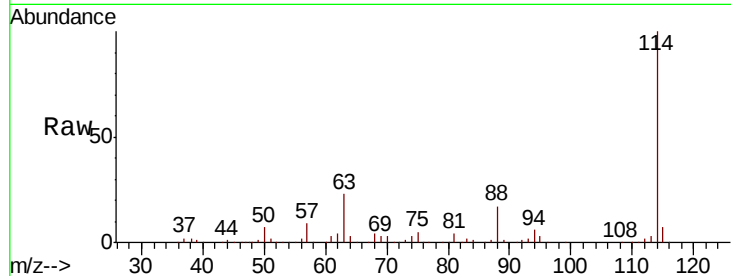




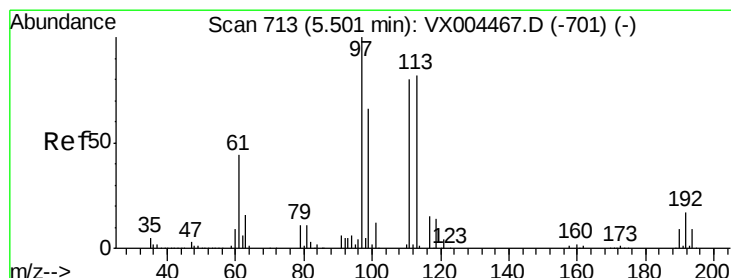
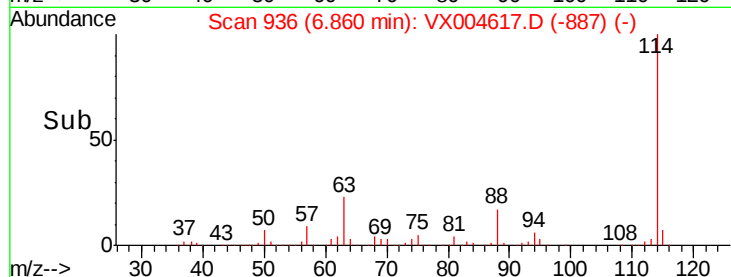
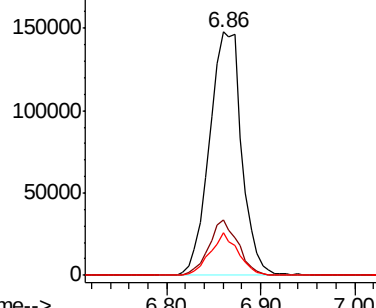
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX004617.D
Acq: 16 Sep 2018 06:39

Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF01-COMP-FILLDL

Tot Ion:114 Resp: 354450
Ion Ratio Lower Upper
114 100
63 22.8 0.0 39.0
88 17.5 0.0 30.4

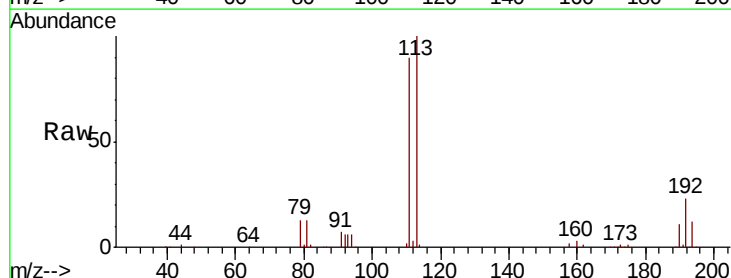


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

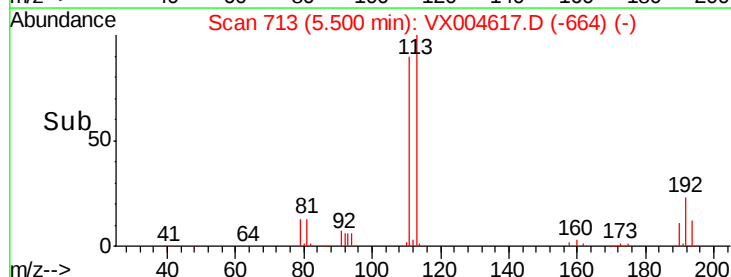
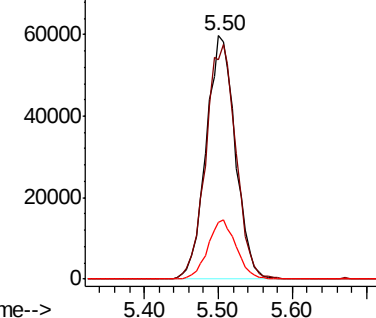


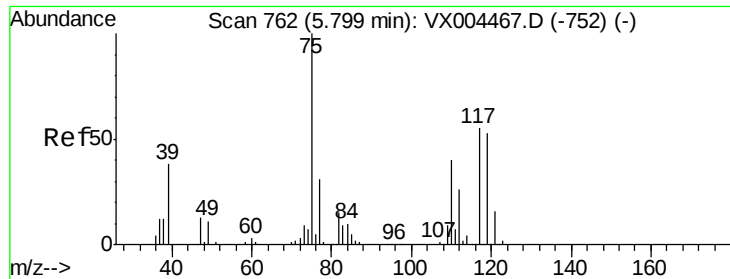
#35
Dibromofluoromethane
Concen: 50.69 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX004617.D
Acq: 16 Sep 2018 06:39

Tgt Ion:113 Resp: 164408
Ion Ratio Lower Upper
113 100
111 99.1 82.4 123.6
192 23.6 19.4 29.2



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

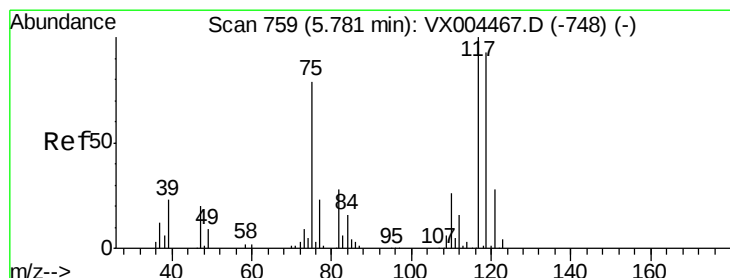
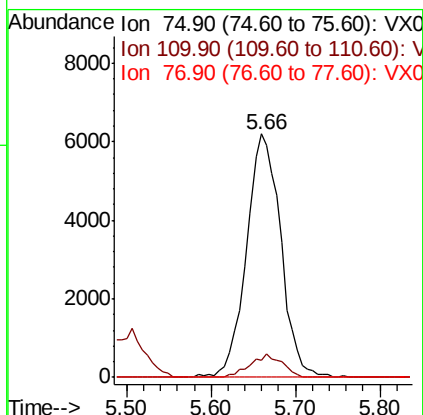
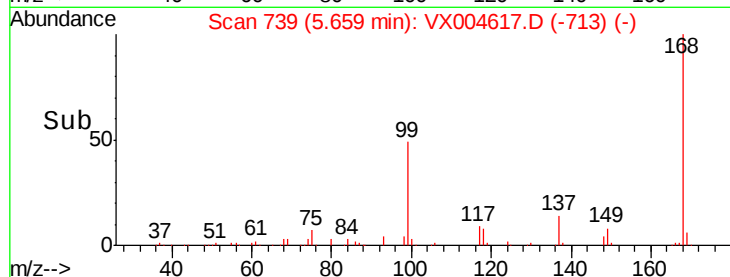
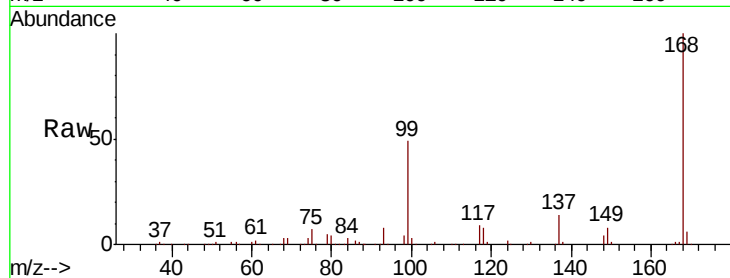




#36
 1,1-Dichloropropene
 Concen: 3.97 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX004617.D
 Acq: 16 Sep 2018 06:39

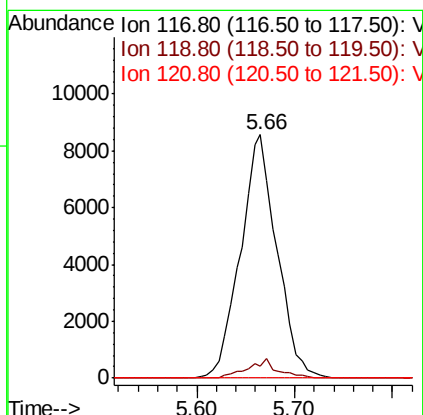
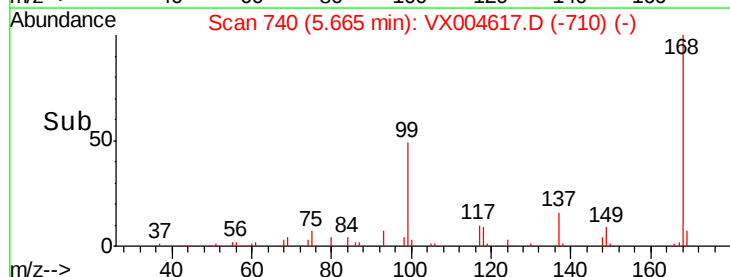
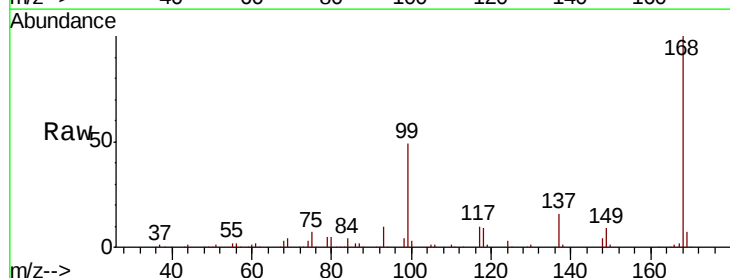
Instrument :
 MSVOA_X
 ClientSampleId :
 ROLLOFF01-COMP-FILLDL

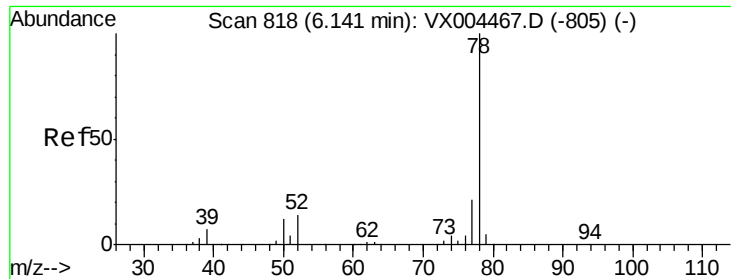
Tot Ion: 75 Resp: 17105
 Ion Ratio Lower Upper
 75 100
 110 8.9 18.0 54.0#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 5.27 ug/l
 RT: 5.66 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX004617.D
 Acq: 16 Sep 2018 06:39

Tgt Ion: 117 Resp: 22158
 Ion Ratio Lower Upper
 117 100
 119 5.1 78.8 118.2#
 121 0.0 24.9 37.3#





#40

Benzene

Concen: 22.90 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX004617.D

Acq: 16 Sep 2018 06:39

Instrument :

MSVOA_X

ClientSampleId :

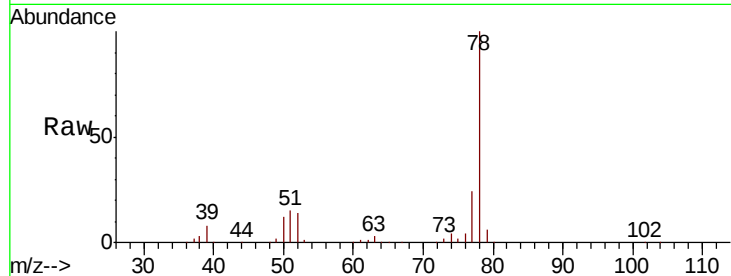
ROLLOFF01-COMP-FILLDL

Tot Ion: 78 Resp: 292324

Ion Ratio Lower Upper

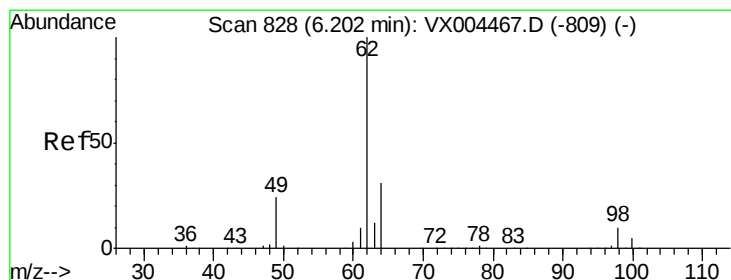
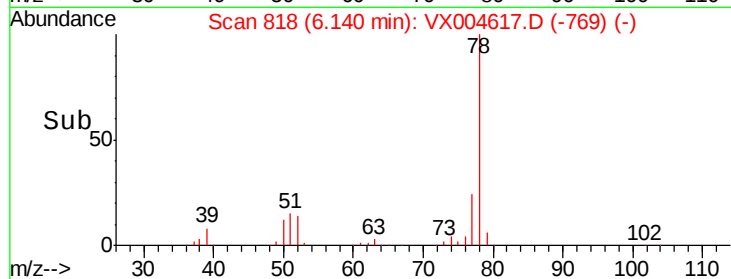
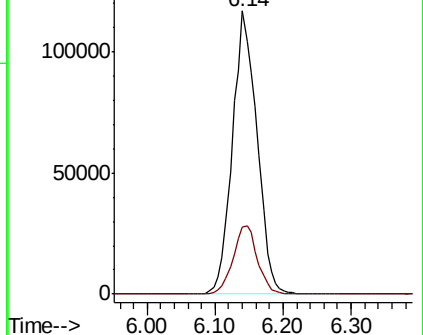
78 100

77 23.6 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#42

1,2-Dichloroethane

Concen: 0.55 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.06 min

Lab File: VX004617.D

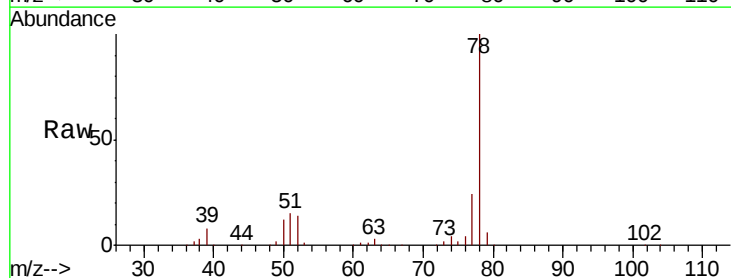
Acq: 16 Sep 2018 06:39

Tgt Ion: 62 Resp: 2338

Ion Ratio Lower Upper

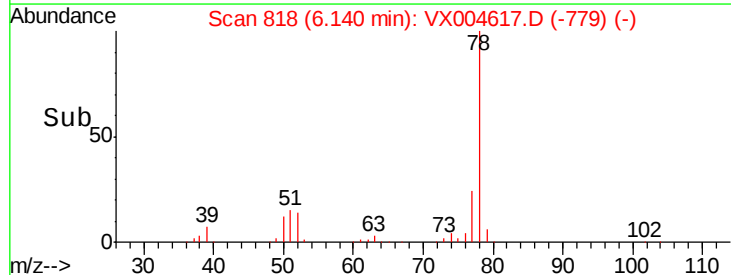
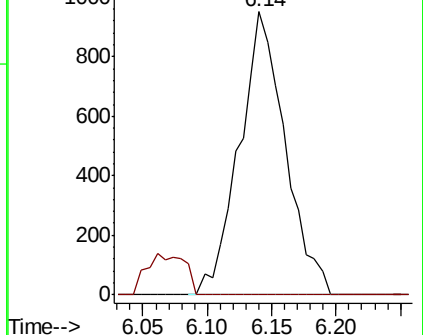
62 100

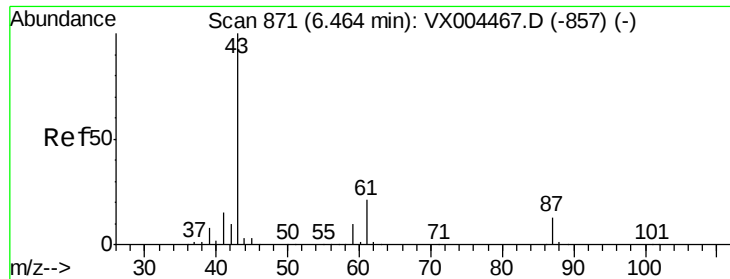
98 0.0 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 1.95 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX004617.D

Acq: 16 Sep 2018 06:39

Instrument :

MSVOA_X

ClientSampleId :

ROLLOFF01-COMP-FILLDL

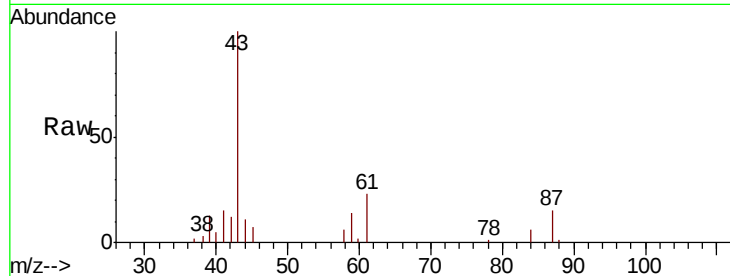
Tot Ion: 43 Resp: 12654

Ion Ratio Lower Upper

43 100

61 21.4 17.0 25.4

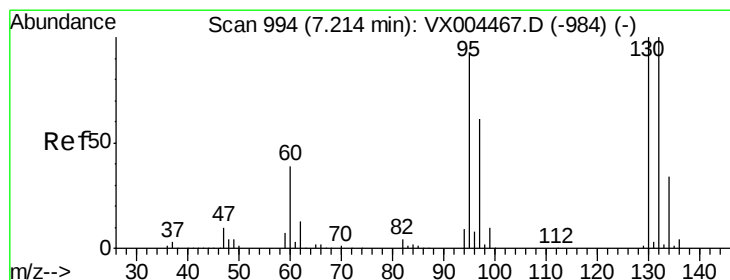
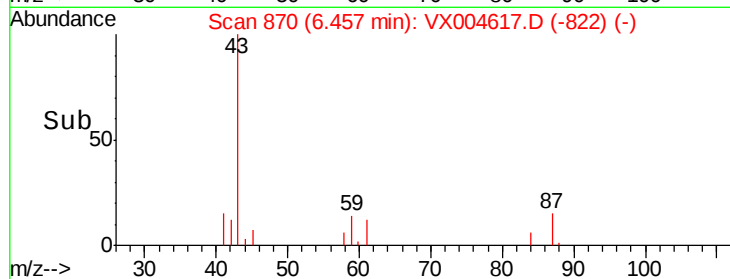
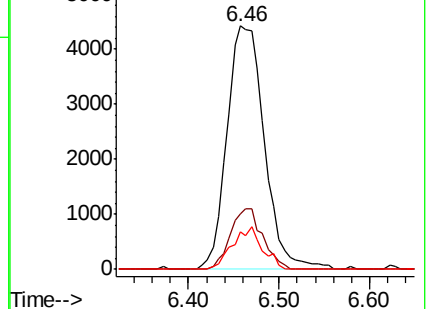
87 13.9 11.4 17.2



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



#44

Trichloroethene

Concen: 0.24 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004617.D

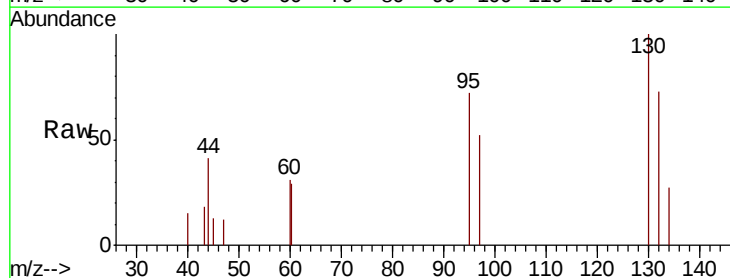
Acq: 16 Sep 2018 06:39

Tgt Ion:130 Resp: 807

Ion Ratio Lower Upper

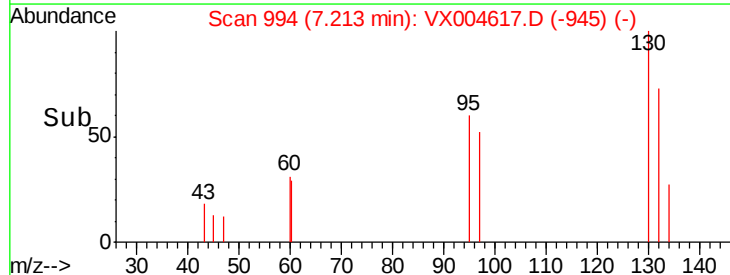
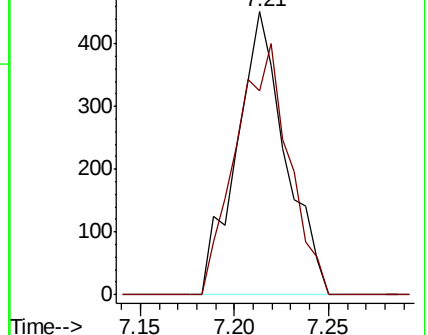
130 100

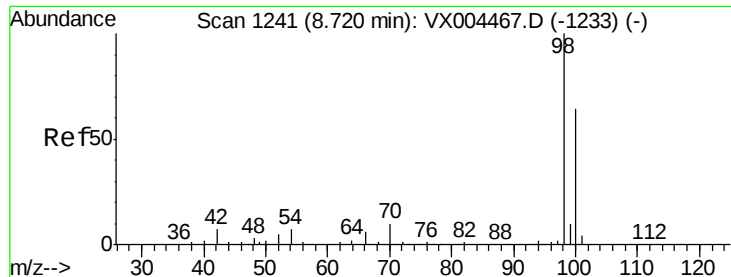
95 72.1 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

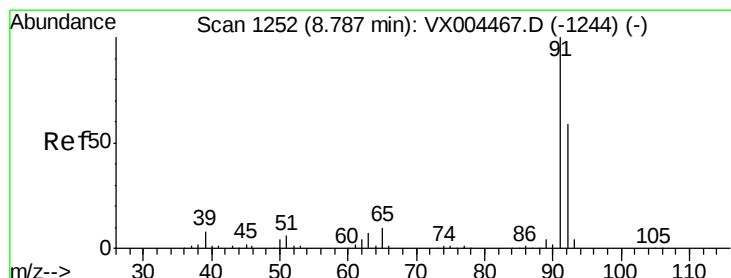
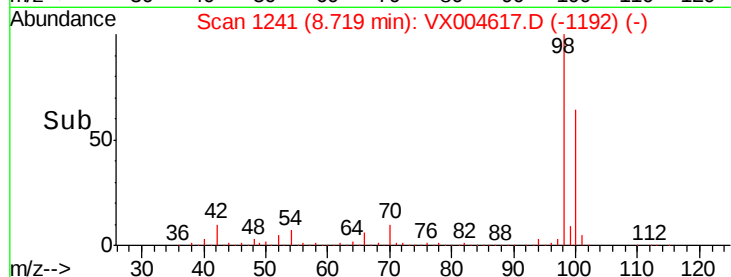
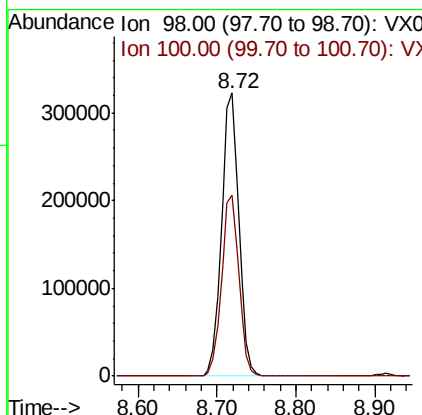
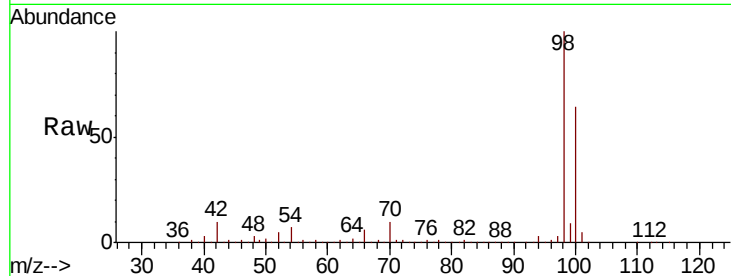




#50
Toluene-d8
Concen: 45.24 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004617.D
Acq: 16 Sep 2018 06:39

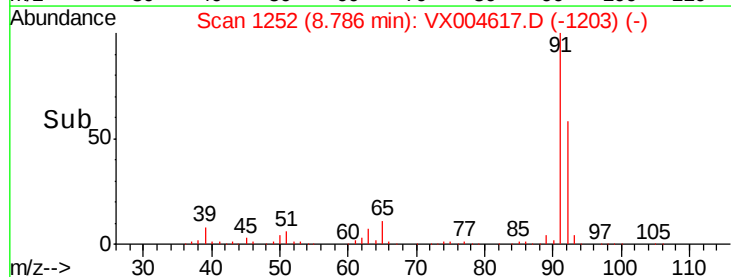
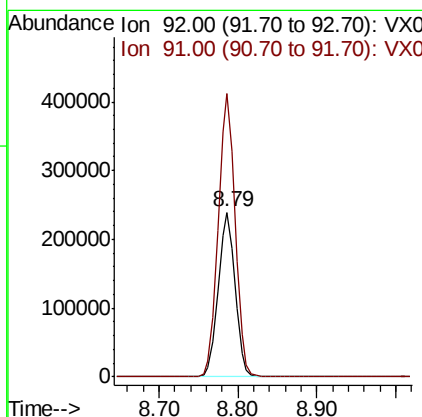
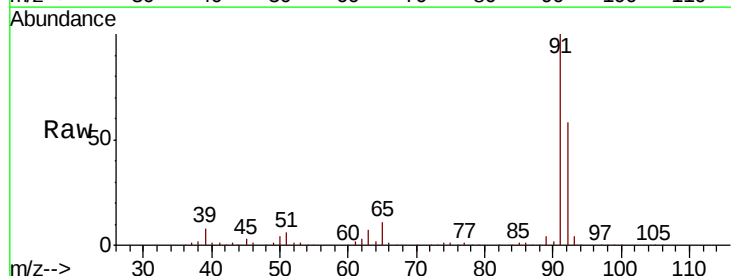
Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF01-COMP-FILLDL

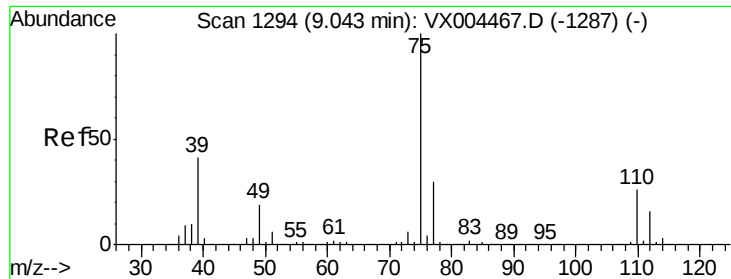
Tot Ion: 98 Resp: 492137
Ion Ratio Lower Upper
98 100
100 64.0 52.9 79.3



#52
Toluene
Concen: 47.28 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004617.D
Acq: 16 Sep 2018 06:39

Tgt Ion: 92 Resp: 355665
Ion Ratio Lower Upper
92 100
91 173.2 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 0.90 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.26 min

Lab File: VX004617.D

Acq: 16 Sep 2018 06:39

Instrument :

MSVOA_X

ClientSampleId :

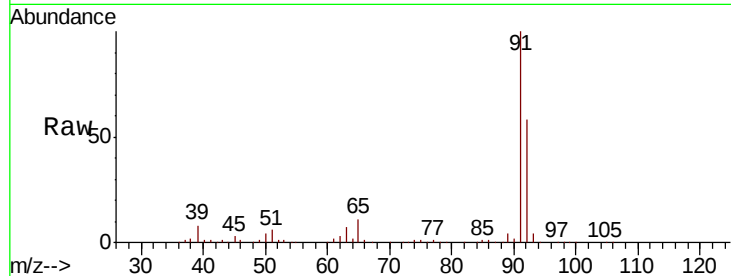
ROLLOFF01-COMP-FILLDL

Tot Ion: 75 Resp: 3879

Ion Ratio Lower Upper

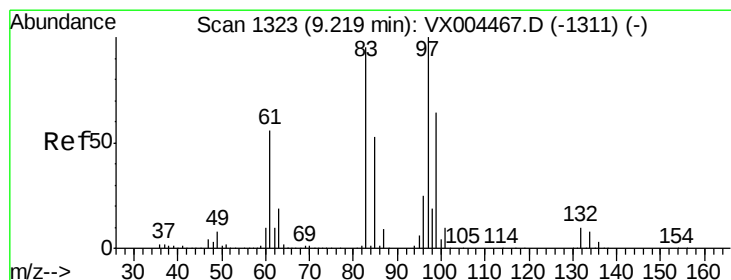
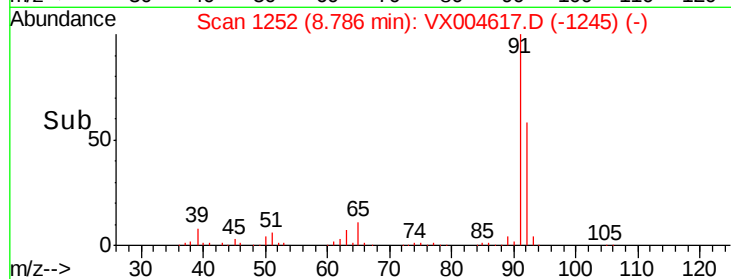
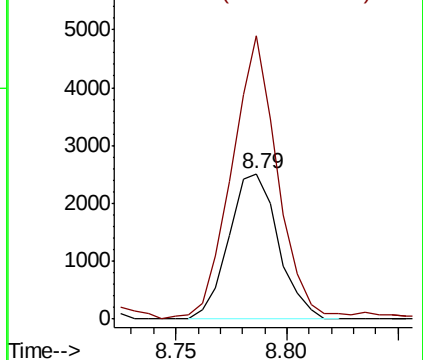
75 100

77 191.7 24.6 37.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#55

1,1,2-Trichloroethane

Concen: 1.93 ug/l

RT: 9.08 min Scan# 1300

Delta R.T. -0.14 min

Lab File: VX004617.D

Acq: 16 Sep 2018 06:39

Tgt Ion: 97 Resp: 6257

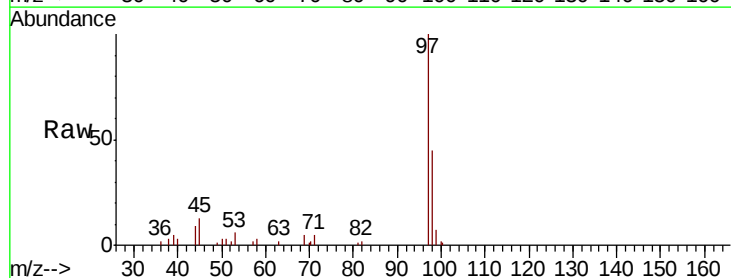
Ion Ratio Lower Upper

97 100

83 0.0 66.4 99.6#

85 0.0 43.3 64.9#

99 7.4 49.0 73.4#

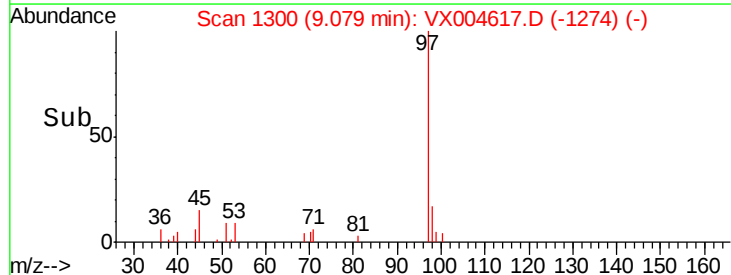
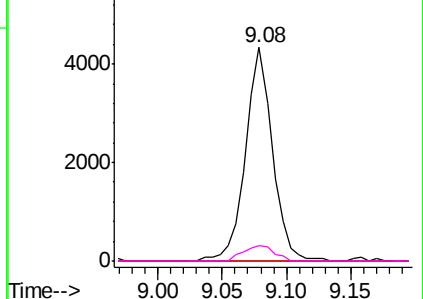


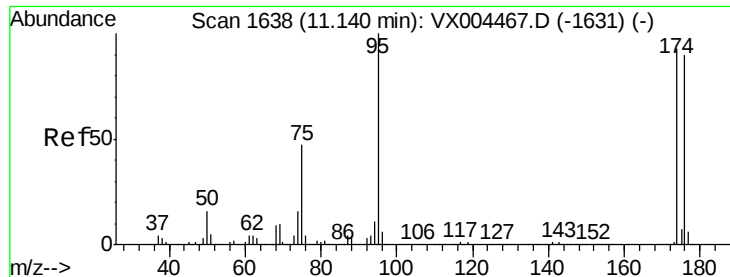
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#62

4-Bromofluorobenzene

Concen: 48.99 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004617.D

Acq: 16 Sep 2018 06:39

Instrument :

MSVOA_X

ClientSampleId :

ROLLOFF01-COMP-FILLDL

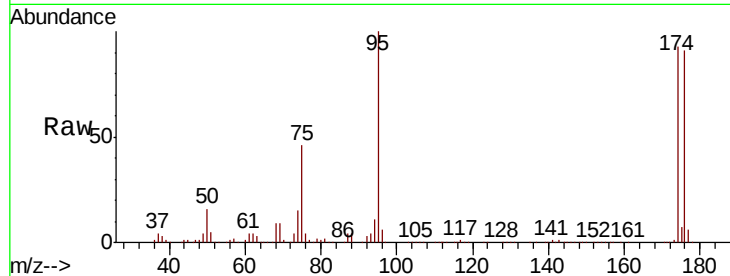
Tot Ion: 95 Resp: 190206

Ion Ratio Lower Upper

95 100

174 92.2 0.0 185.2

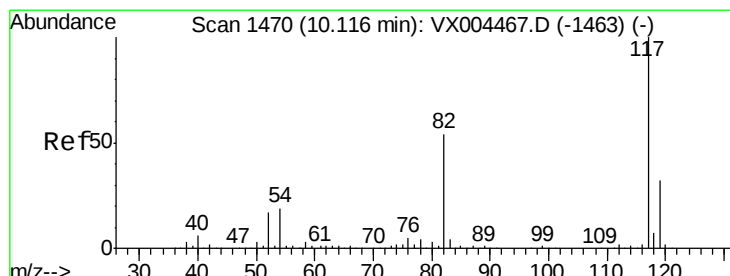
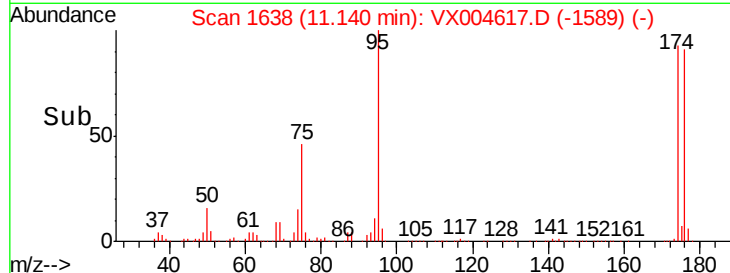
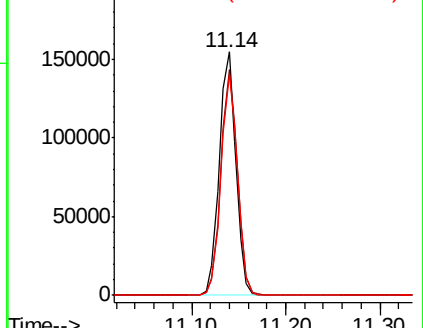
176 89.9 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX004617.D

Acq: 16 Sep 2018 06:39

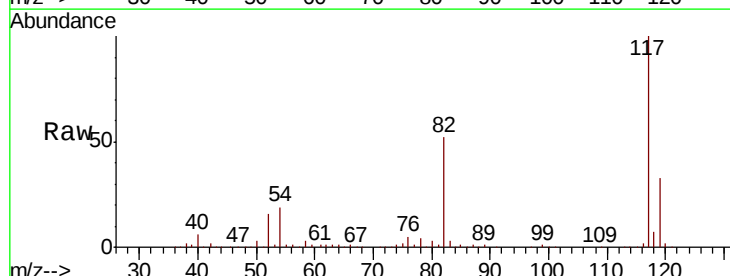
Tgt Ion: 117 Resp: 337460

Ion Ratio Lower Upper

117 100

82 52.5 47.8 71.6

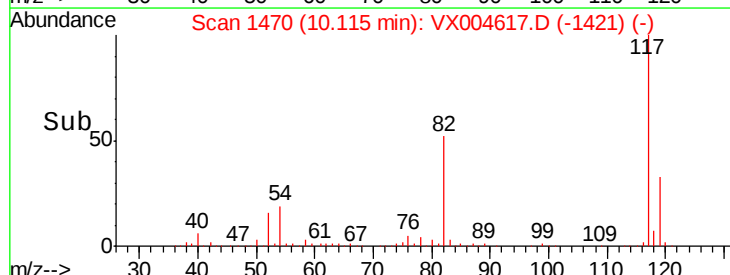
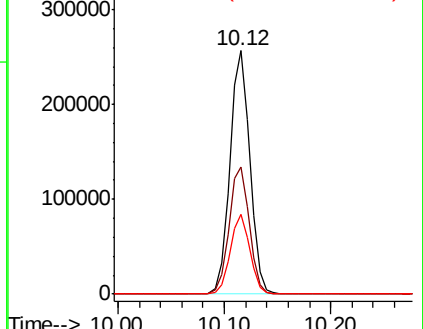
119 32.5 29.3 43.9

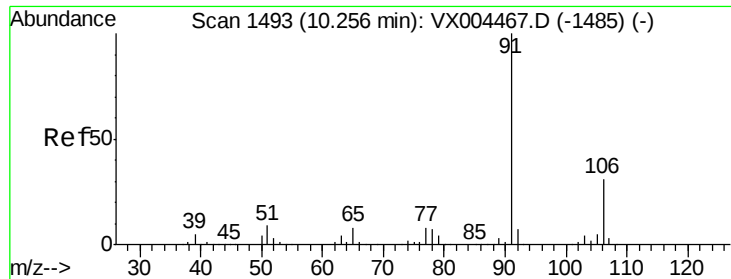


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

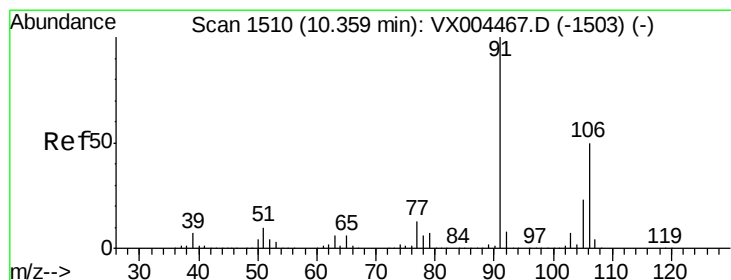
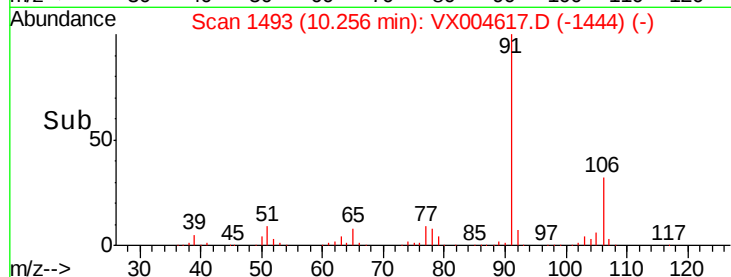
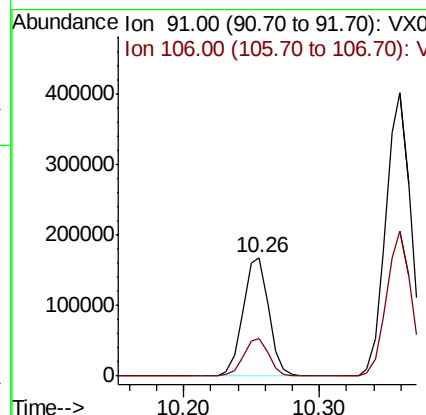
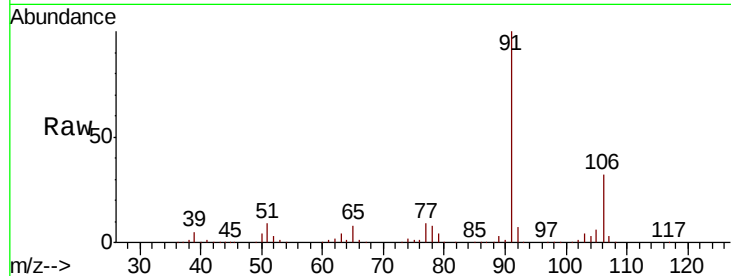




#67
Ethyl Benzene
Concen: 16.26 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004617.D
Acq: 16 Sep 2018 06:39

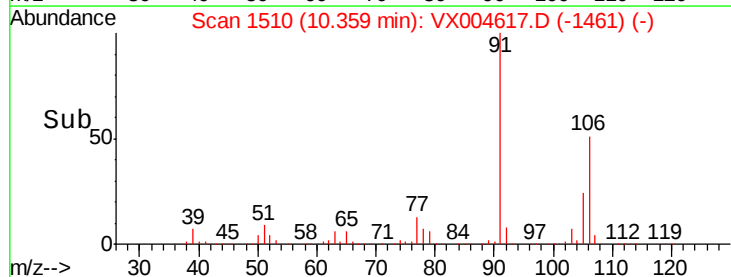
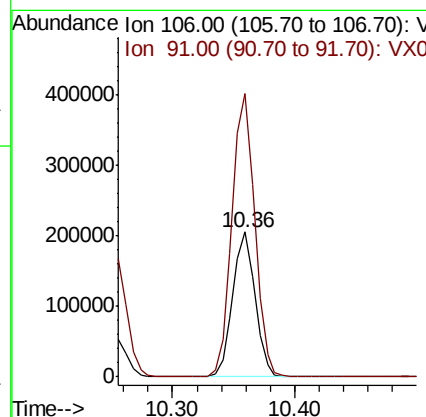
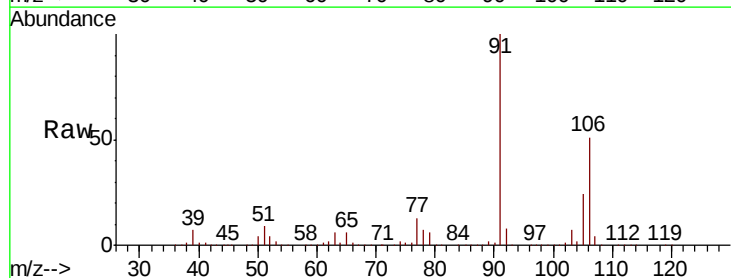
Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF01-COMP-FILLDL

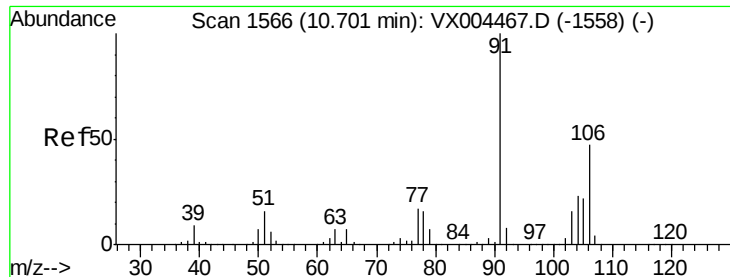
Tot Ion: 91 Resp: 221569
Ion Ratio Lower Upper
91 100
106 31.7 25.9 38.9



#68
m/p-Xylenes
Concen: 49.12 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004617.D
Acq: 16 Sep 2018 06:39

Tgt Ion: 106 Resp: 257876
Ion Ratio Lower Upper
106 100
91 200.5 157.1 235.7

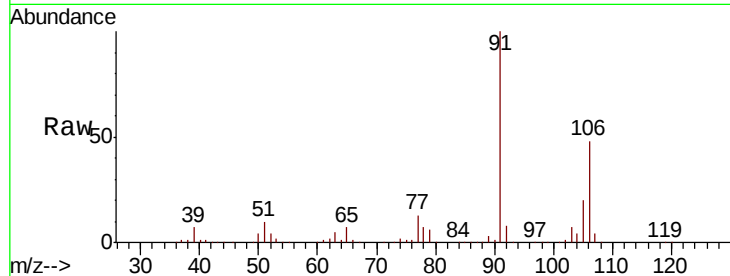




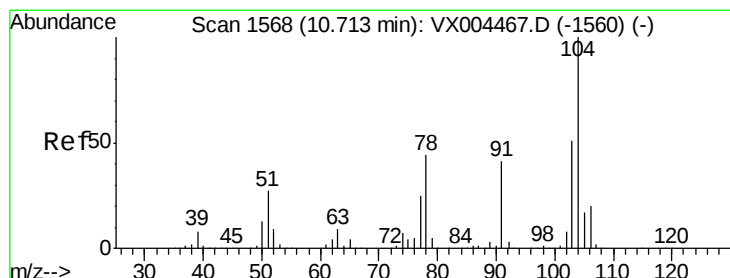
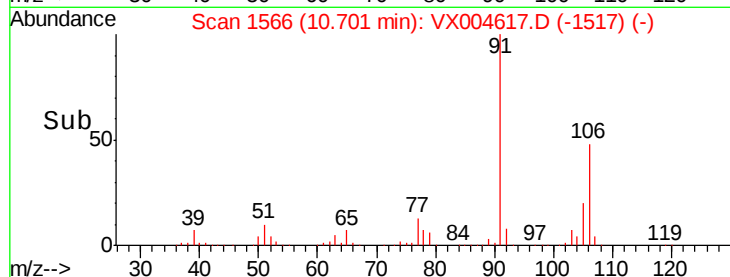
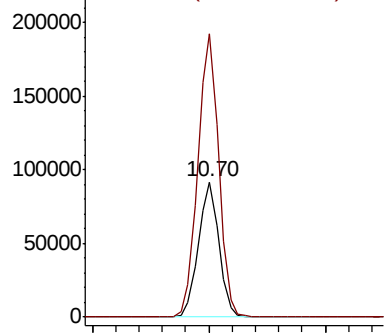
#69
o-Xylene
Concen: 22.21 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004617.D
Acq: 16 Sep 2018 06:39

Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF01-COMP-FILLDL

Tot Ion:106 Resp: 112098
Ion Ratio Lower Upper
106 100
91 213.2 105.1 315.1

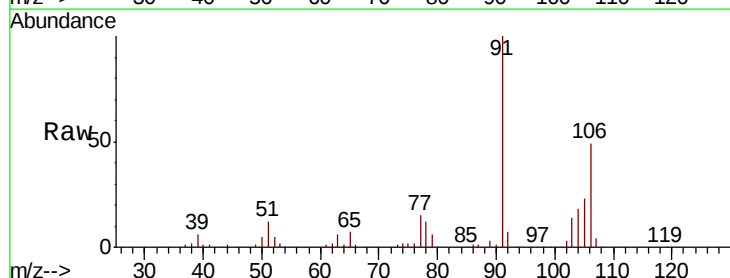


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

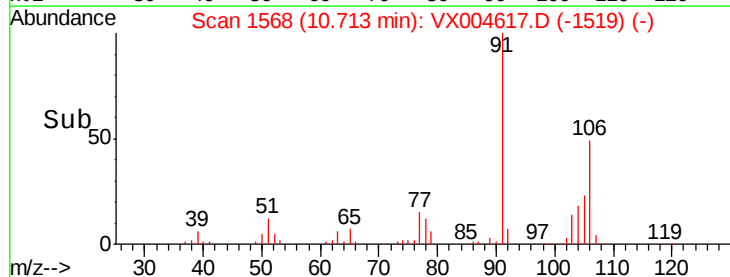
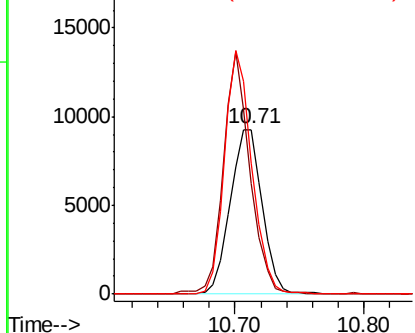


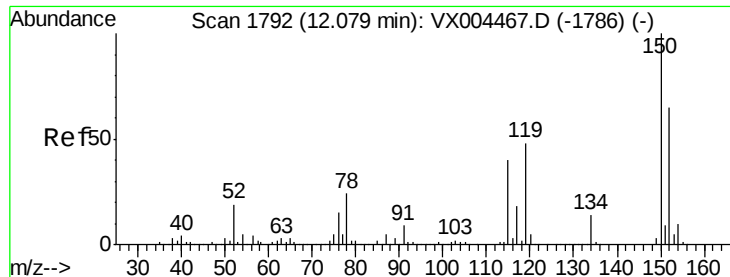
#70
Styrene
Concen: 1.92 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004617.D
Acq: 16 Sep 2018 06:39

Tgt Ion:104 Resp: 16060
Ion Ratio Lower Upper
104 100
78 123.3 37.4 56.0#
103 128.0 43.8 65.6#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004617.D

Acq: 16 Sep 2018 06:39

Instrument :

MSVOA_X

ClientSampleId :

ROLLOFF01-COMP-FILLDL

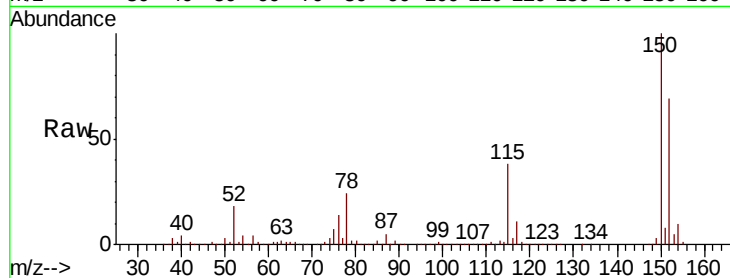
Tot Ion:152 Resp: 256687

Ion Ratio Lower Upper

152 100

115 56.1 39.0 117.0

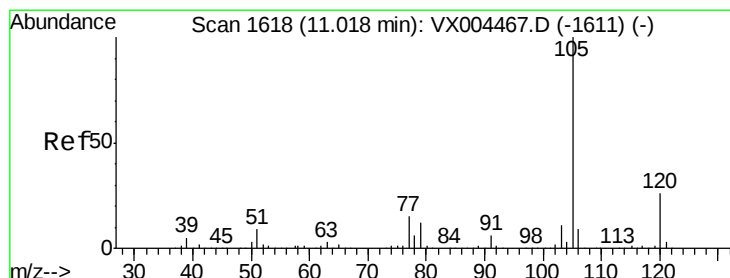
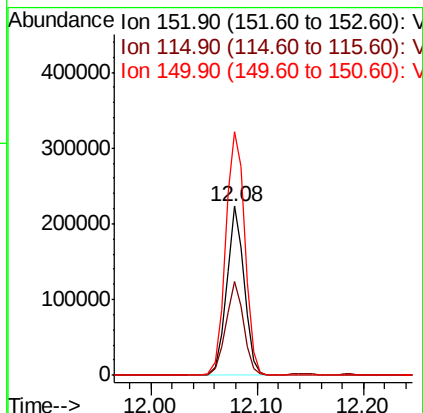
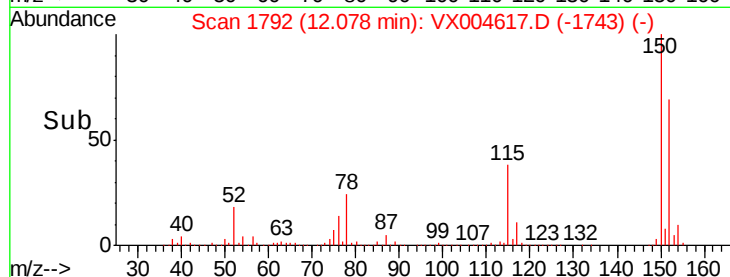
150 157.5 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.07 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004617.D

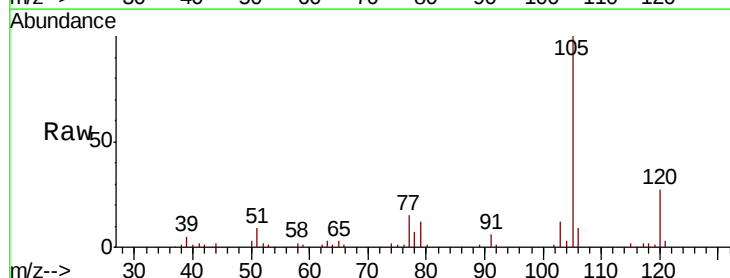
Acq: 16 Sep 2018 06:39

Tgt Ion:105 Resp: 18068

Ion Ratio Lower Upper

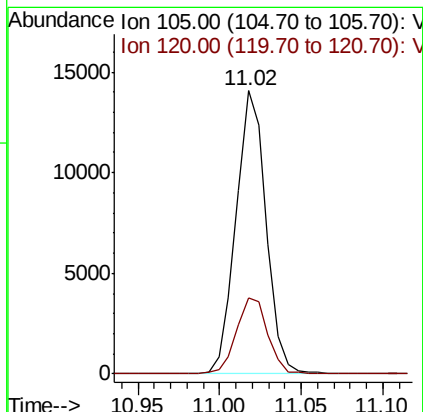
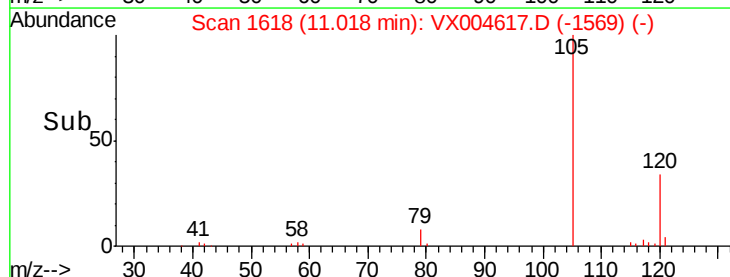
105 100

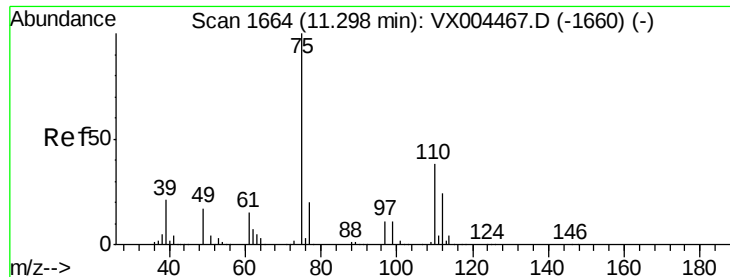
120 27.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 17.26 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX004617.D

Acq: 16 Sep 2018 06:39

Instrument :

MSVOA_X

ClientSampleId :

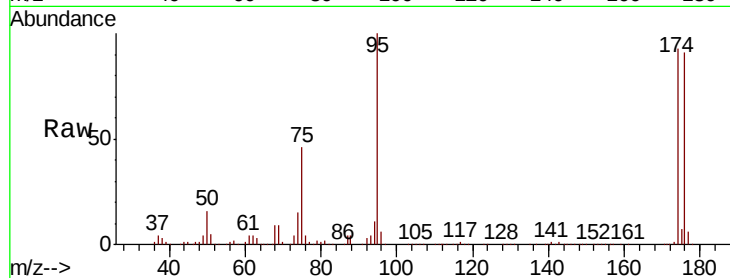
ROLLOFF01-COMP-FILLDL

Tot Ion: 75 Resp: 89152

Ion Ratio Lower Upper

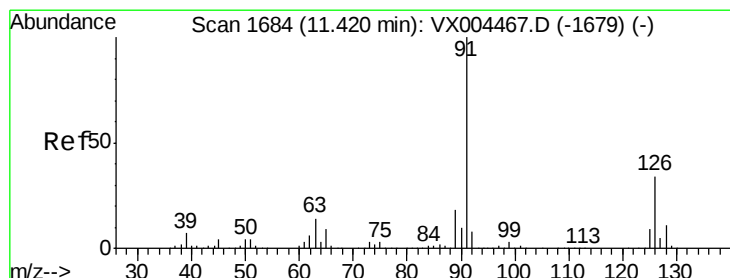
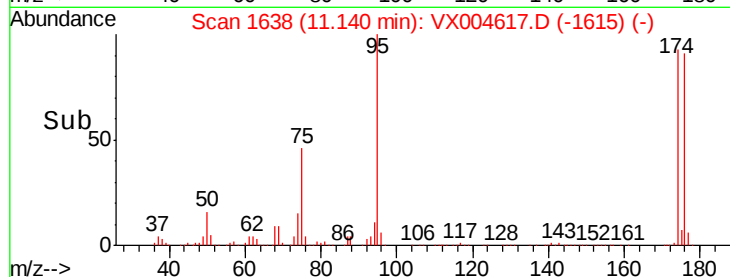
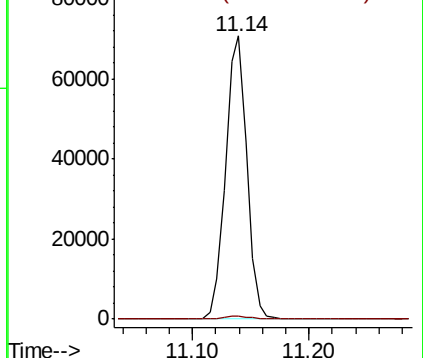
75 100

77 1.3 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#79

2-Chlorotoluene

Concen: 0.70 ug/l

RT: 11.44 min Scan# 1687

Delta R.T. 0.02 min

Lab File: VX004617.D

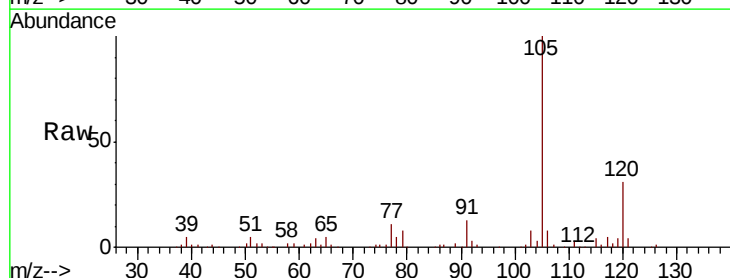
Acq: 16 Sep 2018 06:39

Tgt Ion: 91 Resp: 8254

Ion Ratio Lower Upper

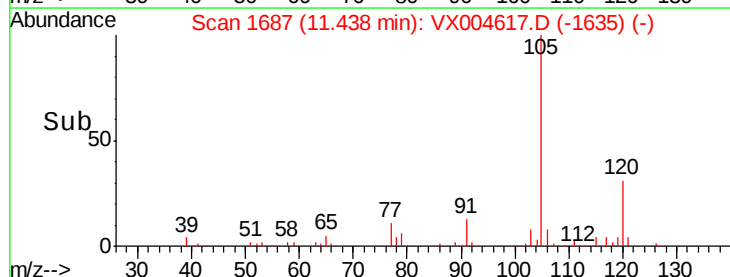
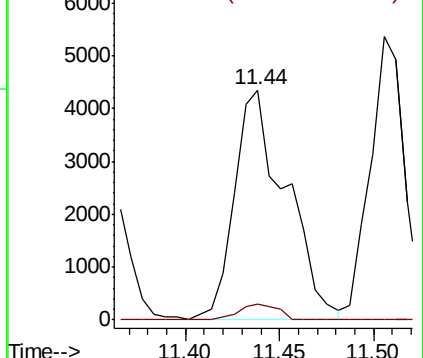
91 100

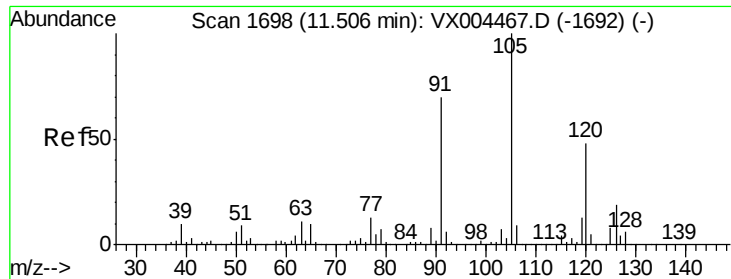
126 5.1 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

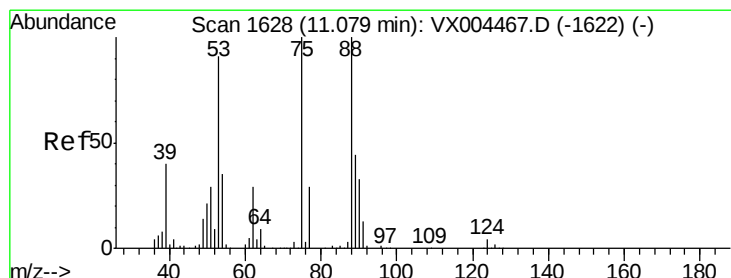
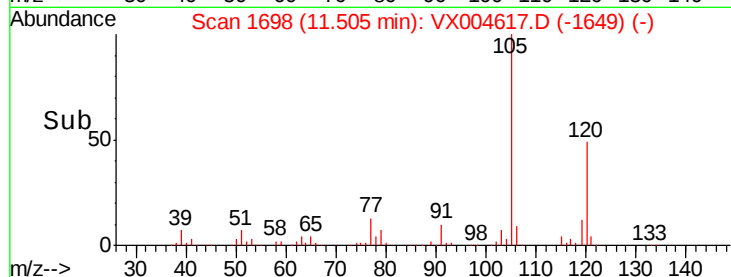
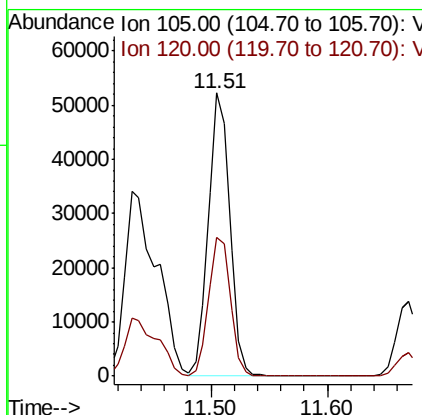
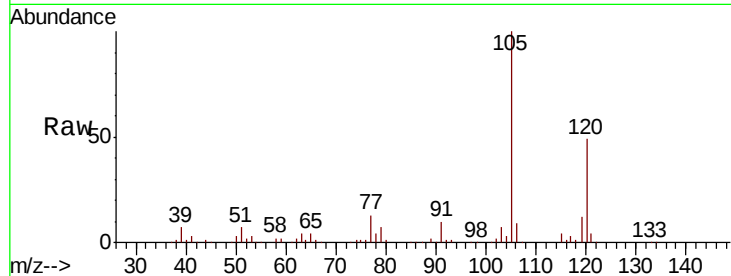




#80
 1,3,5-Trimethylbenzene
 Concen: 4.66 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX004617.D
 Acq: 16 Sep 2018 06:39

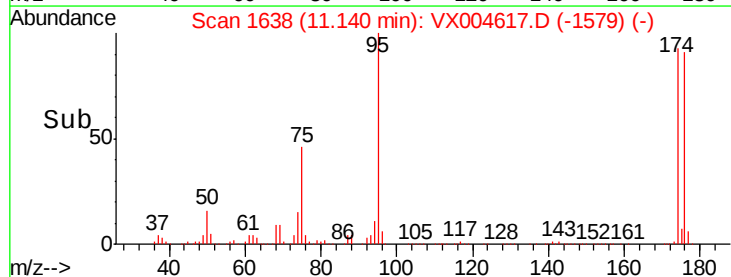
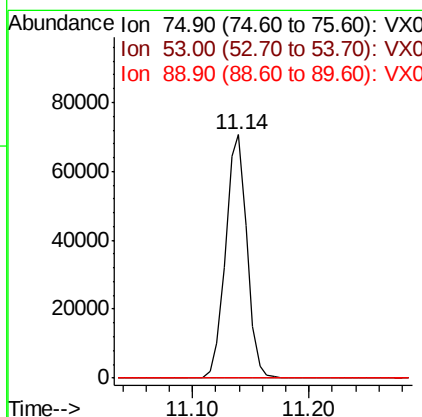
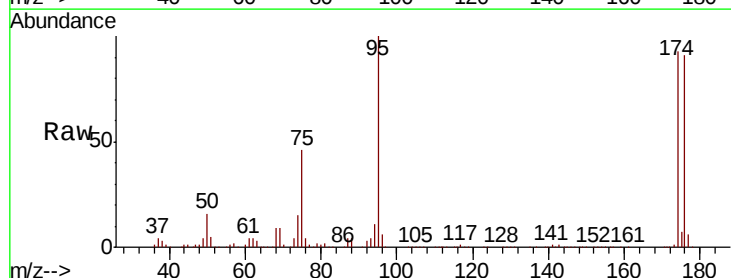
Instrument :
 MSVOA_X
 ClientSampleId :
 ROLLOFF01-COMP-FILLDL

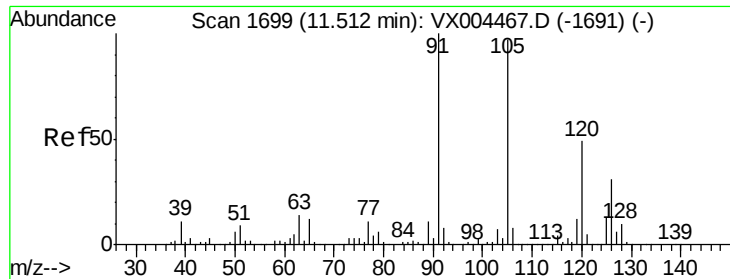
Tot Ion:105 Resp: 66173
 Ion Ratio Lower Upper
 105 100
 120 49.8 25.6 76.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.03 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.06 min
 Lab File: VX004617.D
 Acq: 16 Sep 2018 06:39

Tgt Ion: 75 Resp: 89152
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.1 120.1#
 89 0.0 37.2 55.8#





#82

4-Chlorotoluene

Concen: 0.49 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX004617.D

Acq: 16 Sep 2018 06:39

Instrument :

MSVOA_X

ClientSampleId :

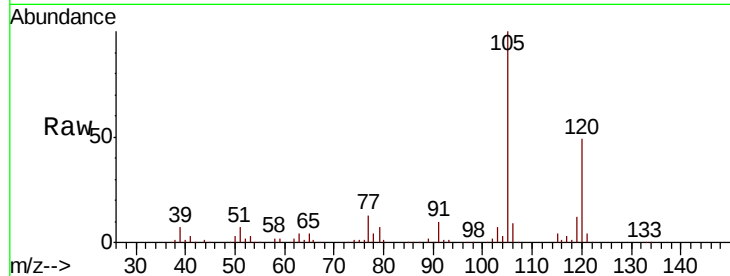
ROLLOFF01-COMP-FILLDL

Tot Ion: 91 Resp: 6796

Ion Ratio Lower Upper

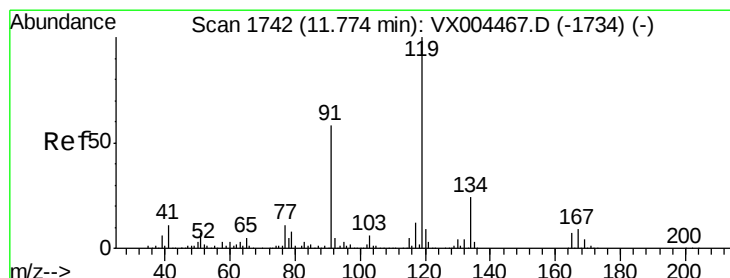
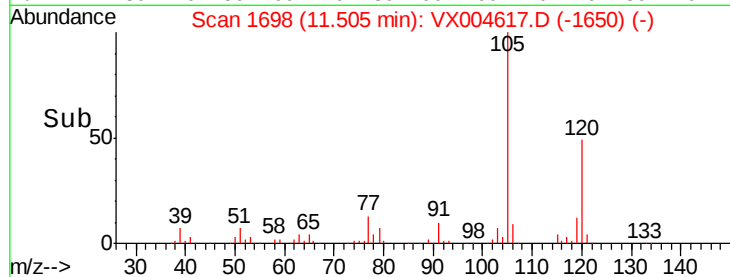
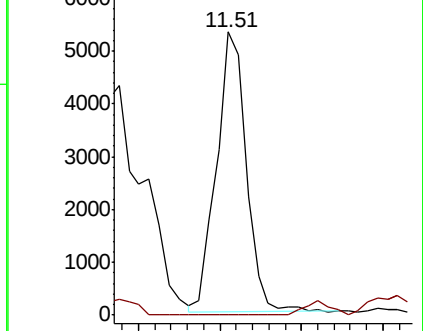
91 100

126 0.0 15.5 46.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 1.97 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.04 min

Lab File: VX004617.D

Acq: 16 Sep 2018 06:39

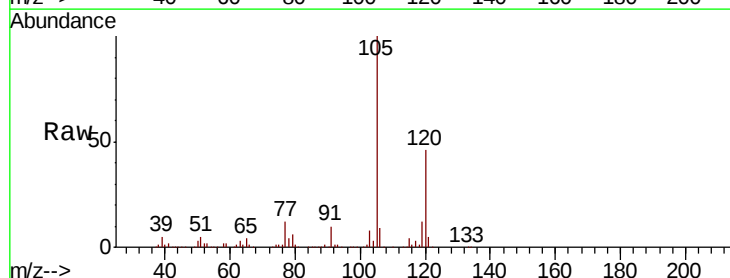
Tgt Ion: 119 Resp: 26668

Ion Ratio Lower Upper

119 100

91 77.5 27.0 81.0

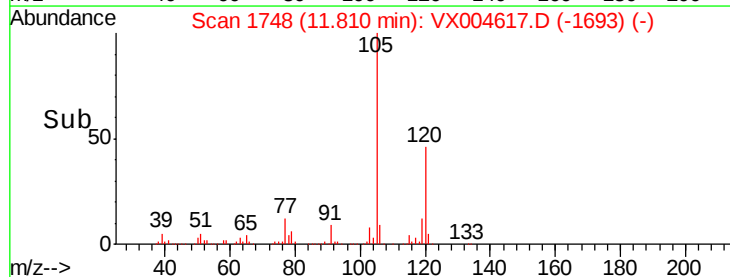
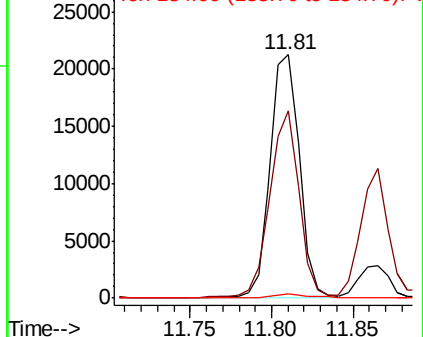
134 2.2 11.7 35.1#

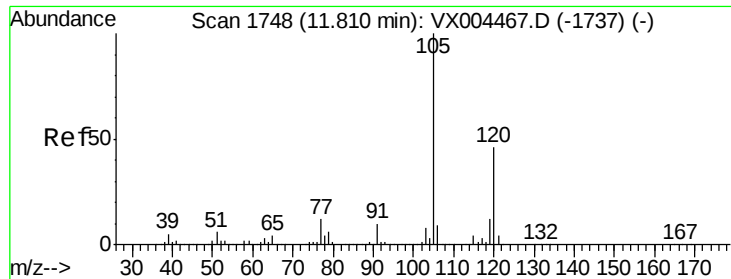


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V

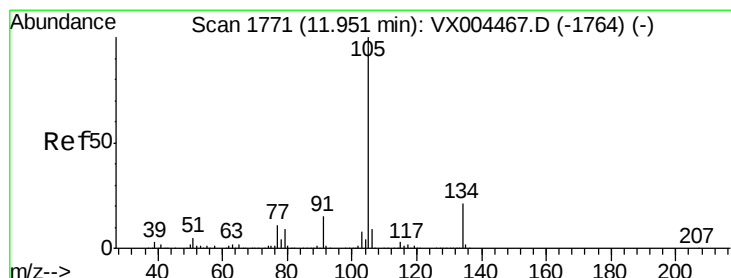
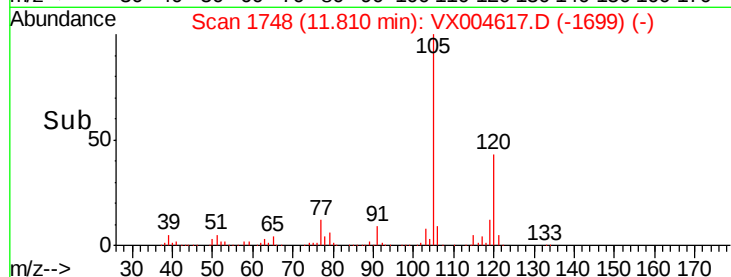
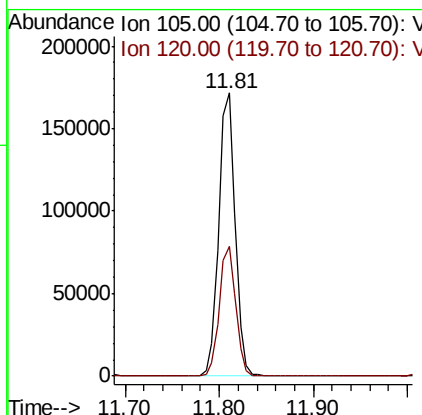
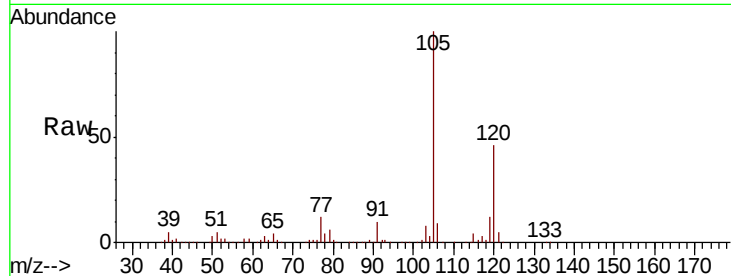




#84
 1,2,4-Trimethylbenzene
 Concen: 14.38 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004617.D
 Acq: 16 Sep 2018 06:39

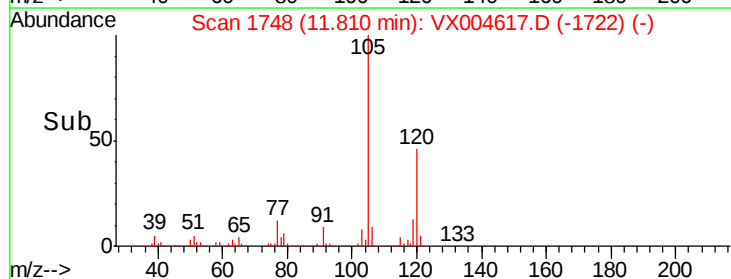
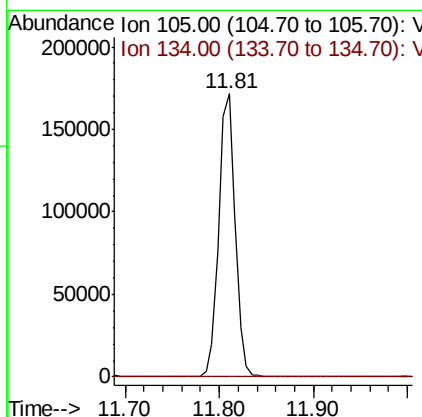
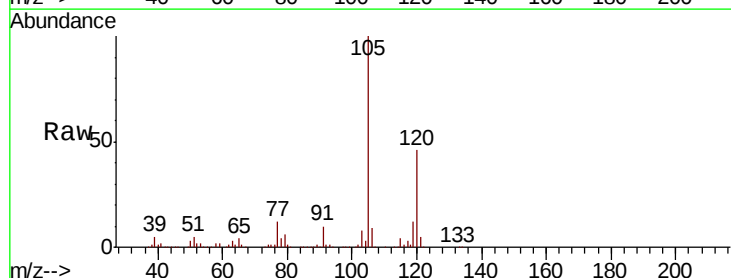
Instrument :
 MSVOA_X
 ClientSampleId :
 ROLLOFF01-COMP-FILLDL

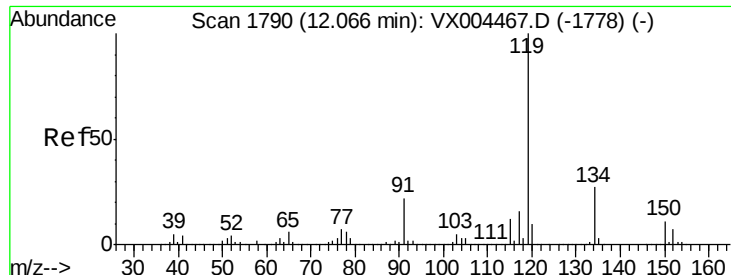
Tot Ion:105 Resp: 208589
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.2 69.6



#85
 sec-Butylbenzene
 Concen: 12.10 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.14 min
 Lab File: VX004617.D
 Acq: 16 Sep 2018 06:39

Tgt Ion:105 Resp: 208589
 Ion Ratio Lower Upper
 105 100
 134 0.3 10.5 31.5#

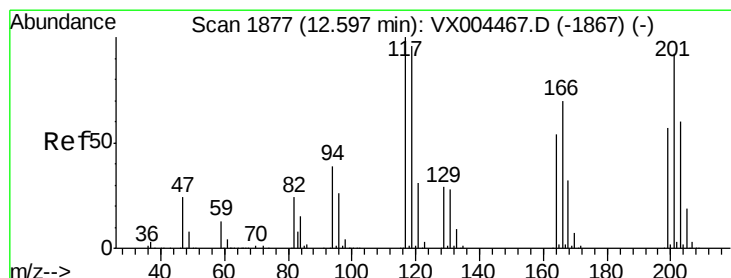
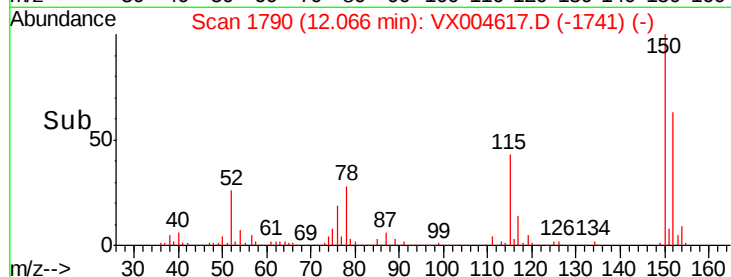
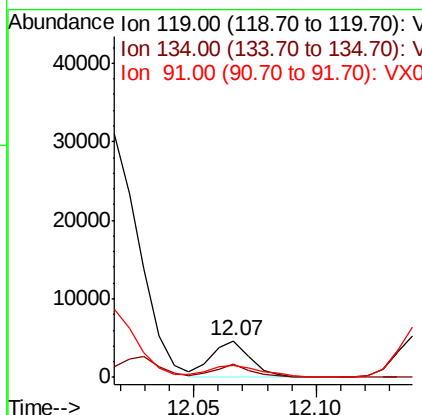
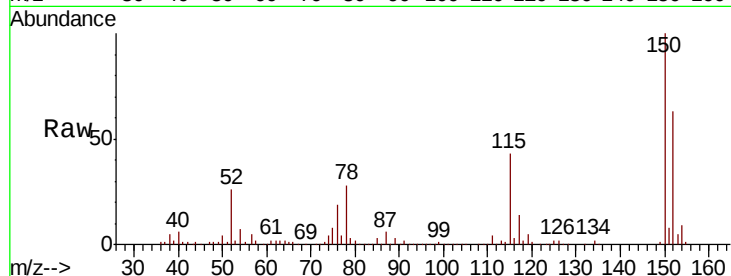




#86
 p-Isopropyltoluene
 Concen: 0.35 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX004617.D
 Acq: 16 Sep 2018 06:39

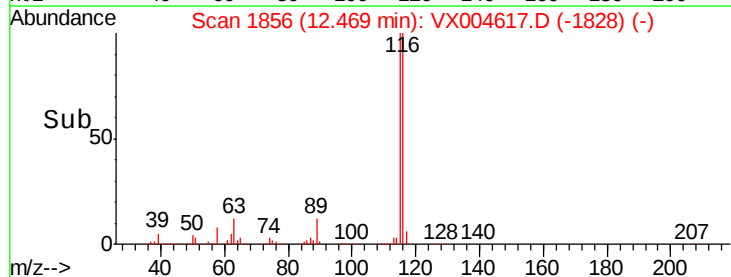
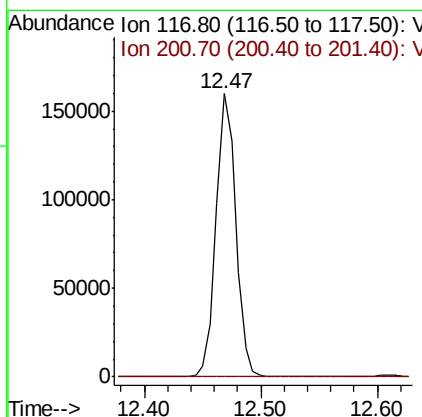
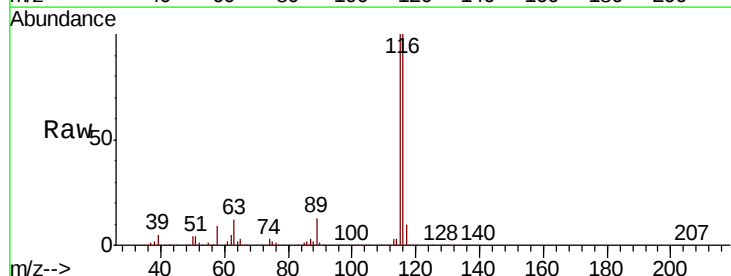
Instrument :
 MSVOA_X
 ClientSampleId :
 ROLLOFF01-COMP-FILLDL

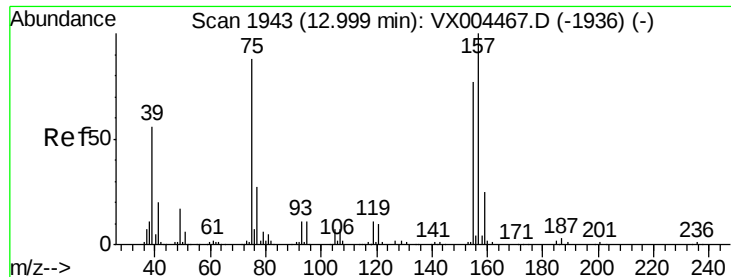
Tot Ion:119 Resp: 5265
 Ion Ratio Lower Upper
 119 100
 134 34.4 13.4 40.2
 91 40.6 10.9 32.7#



#90
 Hexachloroethane
 Concen: 75.89 ug/l
 RT: 12.47 min Scan# 1856
 Delta R.T. -0.13 min
 Lab File: VX004617.D
 Acq: 16 Sep 2018 06:39

Tgt Ion:117 Resp: 184976
 Ion Ratio Lower Upper
 117 100
 201 0.0 46.9 140.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 9.97 ug/l

RT: 13.02 min Scan# 1947

Delta R.T. 0.02 min

Lab File: VX004617.D

Acq: 16 Sep 2018 06:39

Instrument :

MSVOA_X

ClientSampleId :

ROLLOFF01-COMP-FILLDL

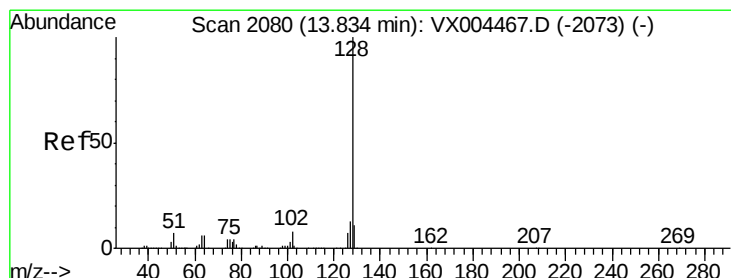
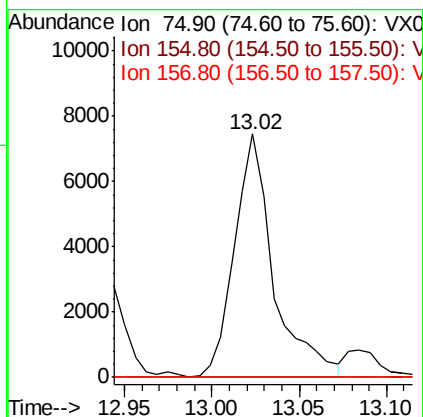
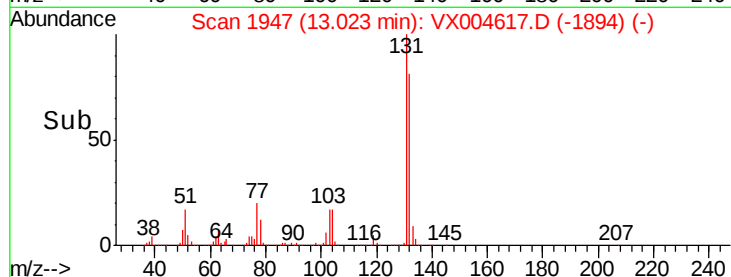
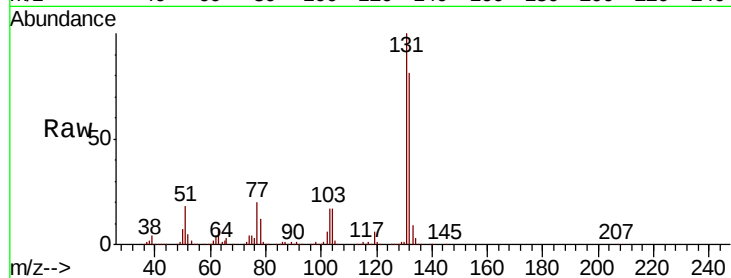
Tot Ion: 75 Resp: 11613

Ion Ratio Lower Upper

75 100

155 0.0 48.0 144.2#

157 0.0 61.4 184.1#



#95

Naphthalene

Concen: 665.00 ug/l

RT: 13.84 min Scan# 2081

Delta R.T. 0.01 min

Lab File: VX004617.D

Acq: 16 Sep 2018 06:39

Tgt Ion:128 Resp:11653464

Ion Ratio Lower Upper

128 100

127 15.2 10.2 15.2

129 13.4 8.6 12.8#

