

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091518\
 Data File : VX004618.D
 Acq On : 16 Sep 2018 07:05
 Operator : JC/MD
 Sample : J4898-04DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ROLLOFF02-COMP-FILLDL

Quant Time: Sep 17 08:48:10 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	5.67	168	243794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	334377	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	316687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	235429	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	160272	50.99	ug/l	0.00
Spiked Amount			Recovery	=	101.98%	
35) Dibromofluoromethane	5.51	113	148234	48.44	ug/l	0.00
Spiked Amount			Recovery	=	96.88%	
50) Toluene-d8	8.72	98	459850	44.81	ug/l	0.00
Spiked Amount			Recovery	=	89.62%	
62) 4-Bromofluorobenzene	11.14	95	176036	48.06	ug/l	0.00
Spiked Amount			Recovery	=	96.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	474	Below Cal	#	80
6) Chloroethane	1.70	64	1657	0.79	ug/l #	44
10) Methyl Iodide	2.51	142	235	4.32	ug/l #	41
11) Tert butyl alcohol	3.05	59	319	0.43	ug/l #	72
13) Acrolein	2.30	56	140	0.47	ug/l #	51
14) Allyl chloride	2.85	41	13495	2.58	ug/l #	28
16) Acetone	2.45	43	5342	3.48	ug/l	99
18) Methyl Acetate	2.78	43	1471	0.34	ug/l	95
20) Methylene Chloride	2.86	84	319717	101.58	ug/l	95
25) 2-Butanone	4.70	43	597	0.24	ug/l	97
29) Tetrahydrofuran	5.17	42	472	0.32	ug/l #	51
31) Cyclohexane	5.66	56	4040	0.89	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	15529	3.83	ug/l #	49
38) Carbon Tetrachloride	5.67	117	20730	5.23	ug/l #	15
40) Benzene	6.15	78	534264	44.36	ug/l	94
42) 1,2-Dichloroethane	6.14	62	4351	1.09	ug/l #	72
43) Isopropyl Acetate	6.46	43	25017	4.08	ug/l	99
48) Methyl methacrylate	7.69	41	1064	0.35	ug/l #	18
52) Toluene	8.79	92	281138	39.62	ug/l	97
53) t-1,3-Dichloropropene	8.78	75	3072	0.76	ug/l #	1
55) 1,1,2-Trichloroethane	9.08	97	5485	1.80	ug/l #	19
59) 2-Hexanone	9.55	43	1693	0.51	ug/l #	57
67) Ethyl Benzene	10.25	91	94064	7.35	ug/l	99
68) m/p-Xylenes	10.36	106	116354	23.62	ug/l	98
69) o-Xylene	10.70	106	55977	11.82	ug/l	96
70) Styrene	10.71	104	28719	3.66	ug/l #	77
76) 1,2,3-Trichloropropane	11.14	75	82984	17.52	ug/l #	37
79) 2-Chlorotoluene	11.69	91	2535	0.23	ug/l	87
80) 1,3,5-Trimethylbenzene	11.51	105	29855	2.29	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	82984	55.84	ug/l #	10
82) 4-Chlorotoluene	11.69	91	2856	0.23	ug/l	73
83) tert-Butylbenzene	11.81	119	11885	0.96	ug/l #	62
84) 1,2,4-Trimethylbenzene	11.81	105	87323	6.56	ug/l	99
85) sec-Butylbenzene	11.81	105	87323	5.52	ug/l #	56

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Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

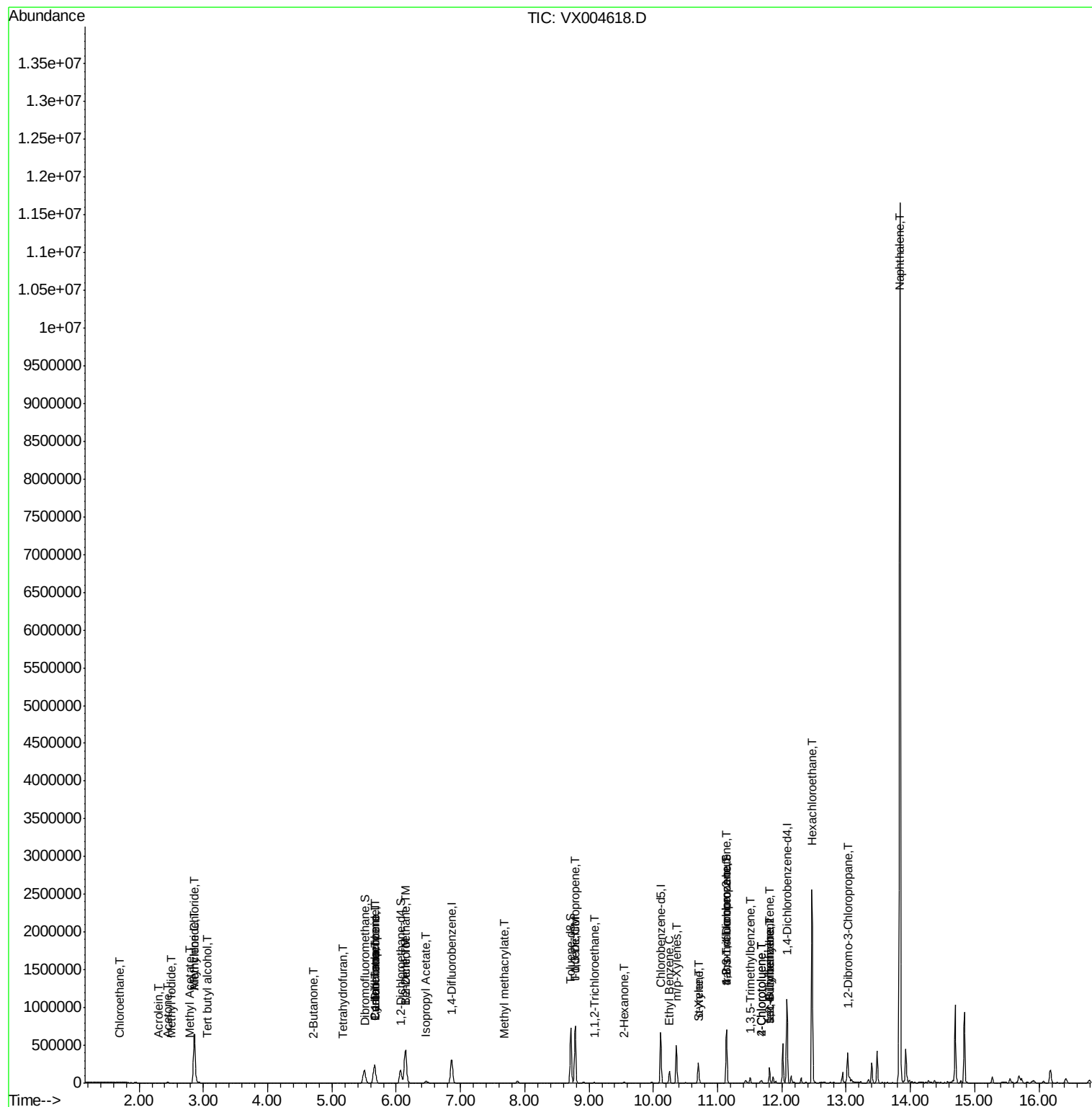
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.47	117	97744	43.72	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	13.02	75	6936	6.50	ug/l #	1
95) Naphthalene	13.84	128	7320693	455.47	ug/l	97

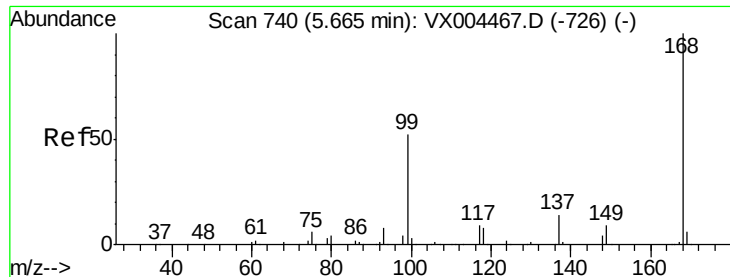
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX004618.D

Acq: 16 Sep 2018 07:05

Instrument :

MSVOA_X

ClientSampleId :

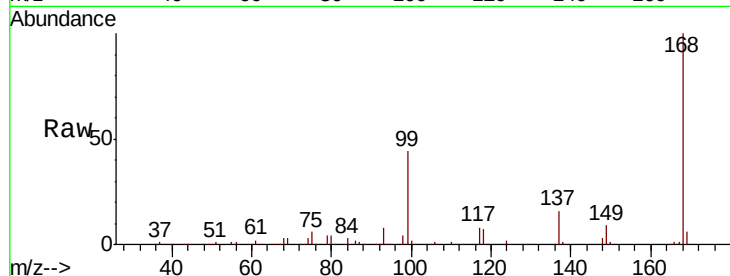
ROLLOFF02-COMP-FILLDL

Tot Ion:168 Resp: 243794

Ion Ratio Lower Upper

168 100

99 44.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

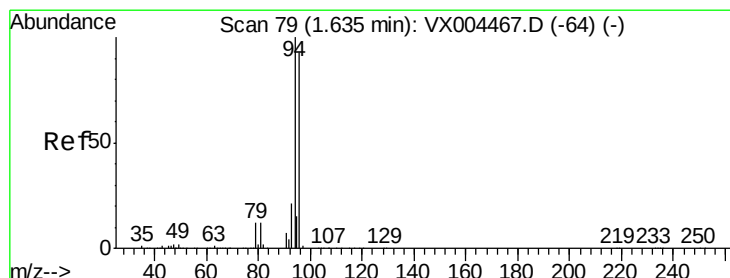
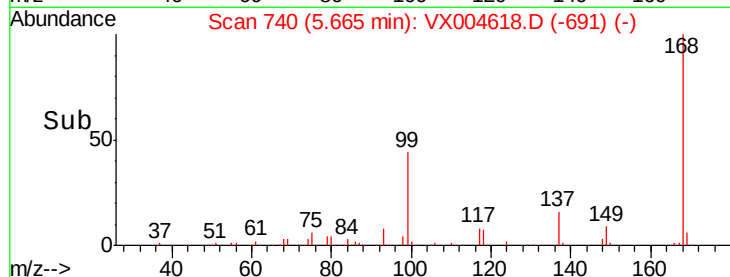
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX004618.D

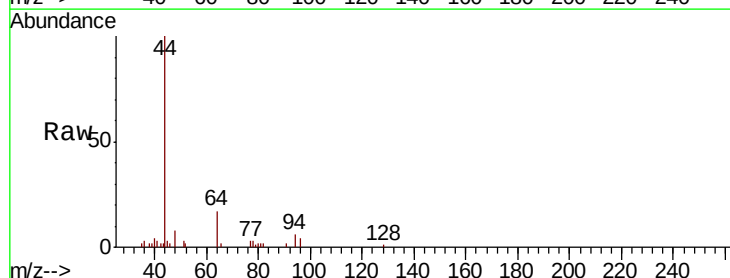
Acq: 16 Sep 2018 07:05

Tgt Ion: 94 Resp: 474

Ion Ratio Lower Upper

94 100

96 74.3 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

250 Ion 95.90 (95.60 to 96.60): VX0

1.65

200

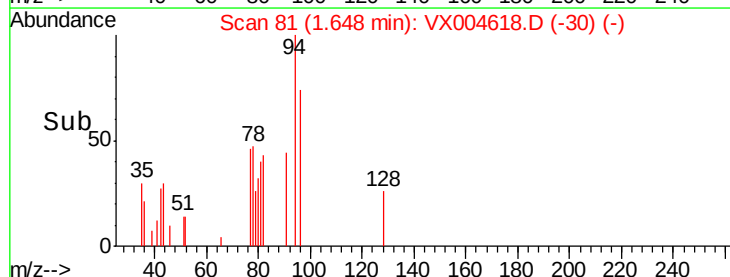
150

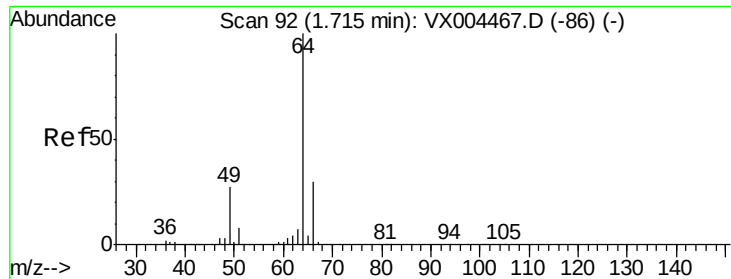
100

50

0

Time--> 1.60 1.65 1.70





#6

Chloroethane

Concen: 0.79 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX004618.D

Acq: 16 Sep 2018 07:05

Instrument :

MSVOA_X

ClientSampleId :

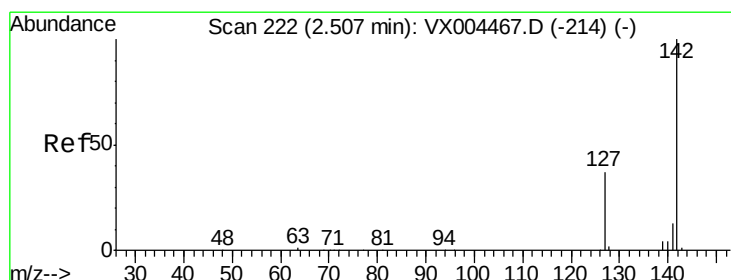
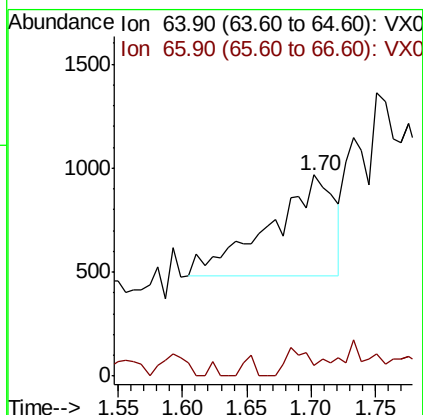
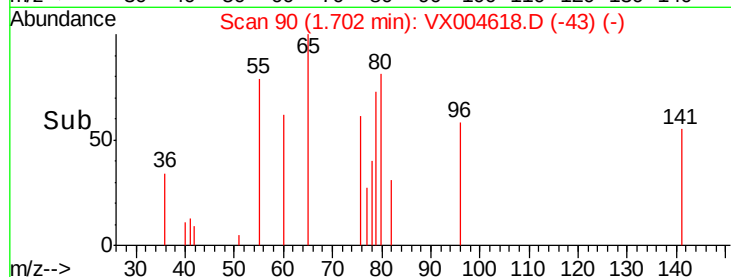
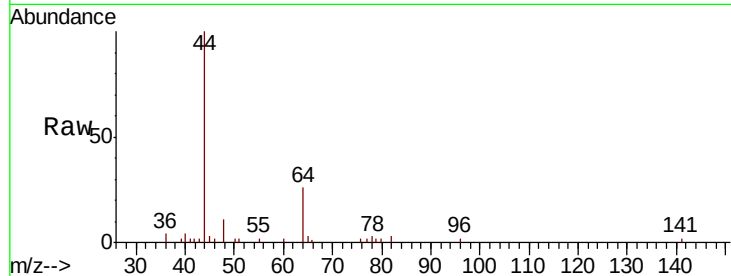
ROLLOFF02-COMP-FILLDL

Tot Ion: 64 Resp: 1657

Ion Ratio Lower Upper

64 100

66 0.0 24.6 36.8#



#10

Methyl Iodide

Concen: 4.32 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004618.D

Acq: 16 Sep 2018 07:05

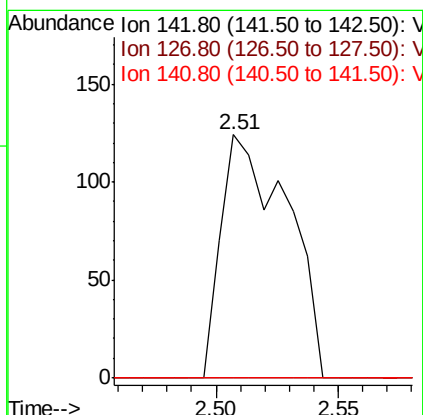
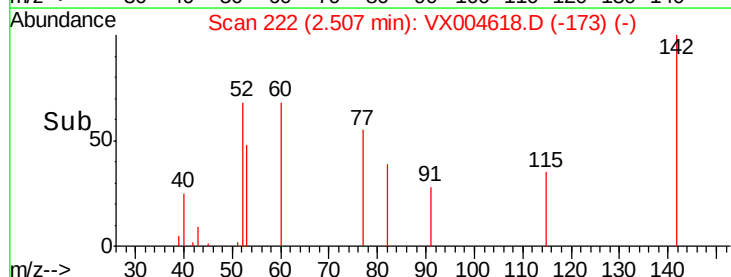
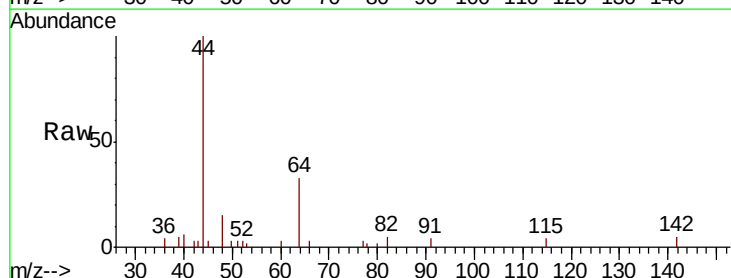
Tgt Ion: 142 Resp: 235

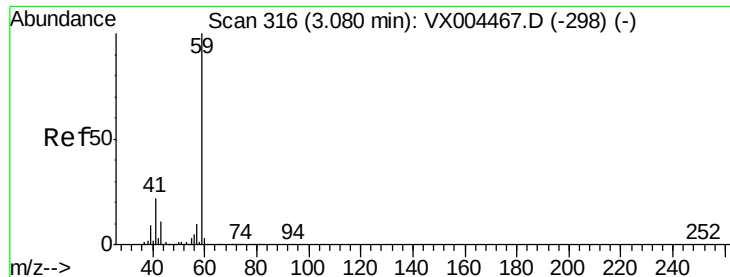
Ion Ratio Lower Upper

142 100

127 0.0 33.8 50.6#

141 0.0 11.4 17.0#





#11

Tert butyl alcohol

Concen: 0.43 ug/l

RT: 3.05 min Scan# 311

Delta R.T. -0.03 min

Lab File: VX004618.D

Acq: 16 Sep 2018 07:05

Instrument :

MSVOA_X

ClientSampleId :

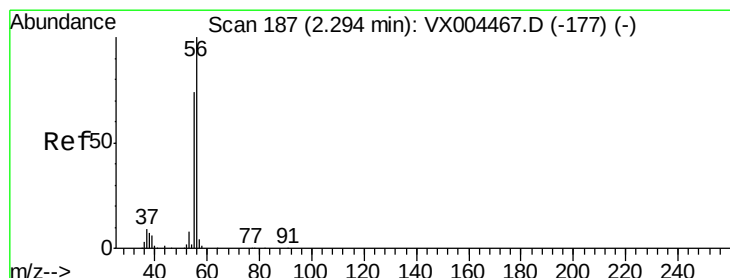
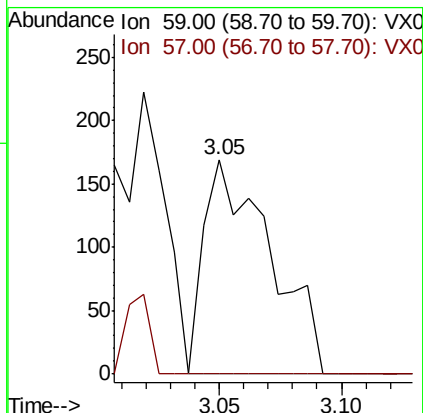
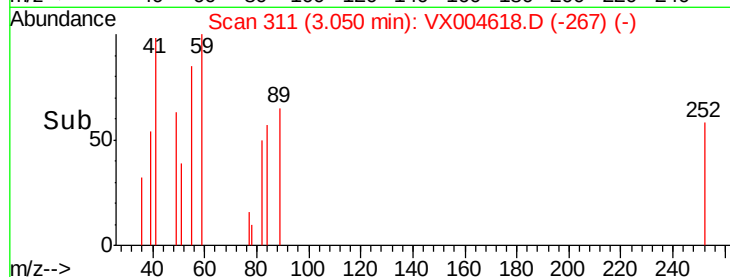
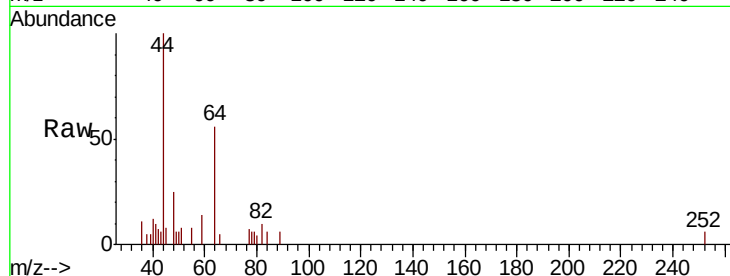
ROLLOFF02-COMP-FILLDL

Tot Ion: 59 Resp: 319

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#13

Acrolein

Concen: 0.47 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX004618.D

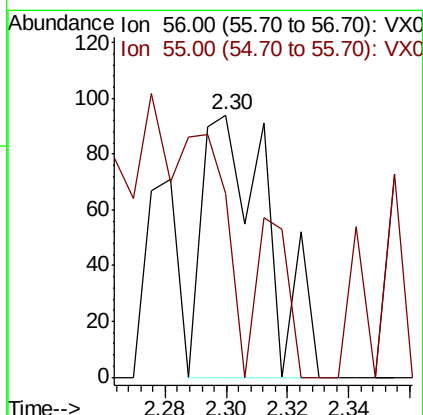
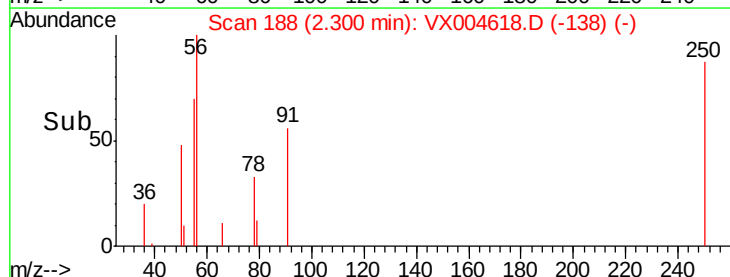
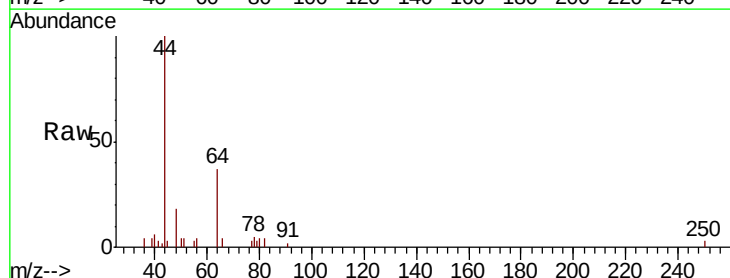
Acq: 16 Sep 2018 07:05

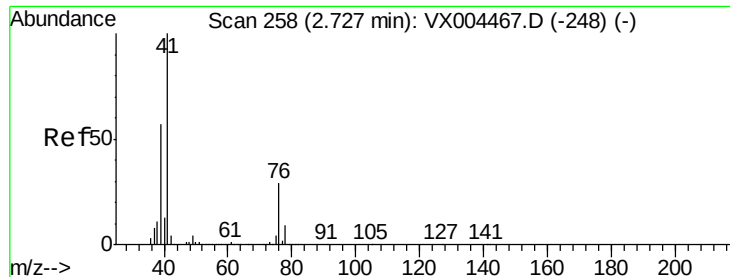
Tgt Ion: 56 Resp: 140

Ion Ratio Lower Upper

56 100

55 28.6 54.7 82.1#

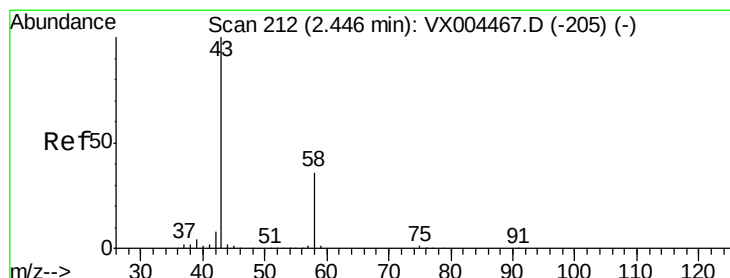
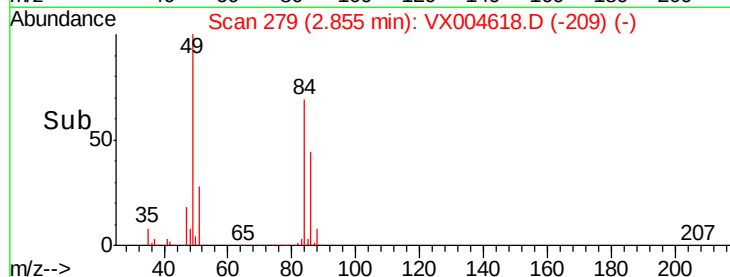
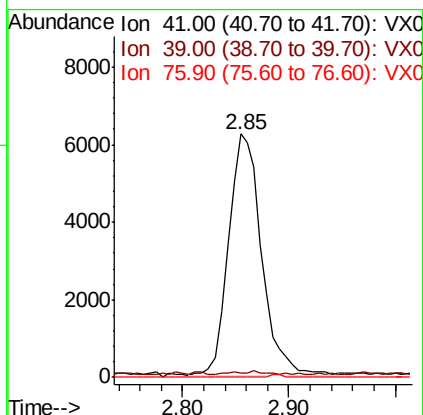
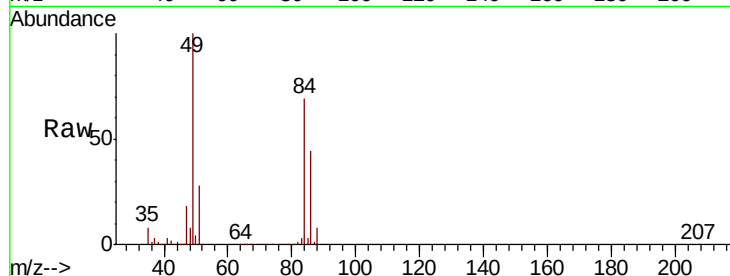




#14
Allvl chloride
Concen: 2.58 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.13 min
Lab File: VX004618.D
Acq: 16 Sep 2018 07:05

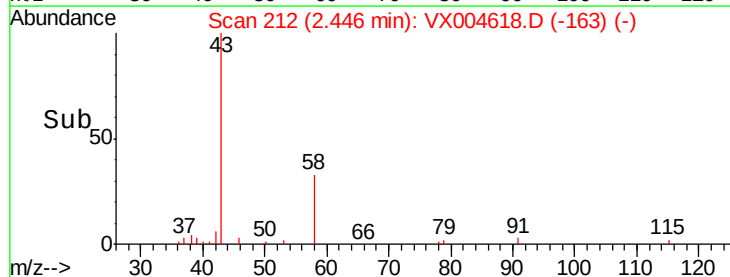
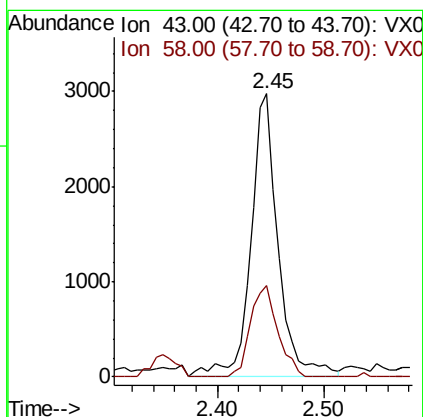
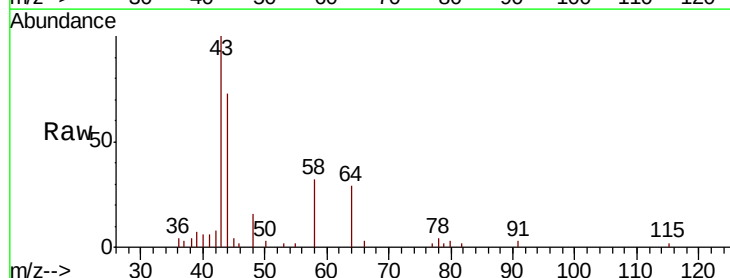
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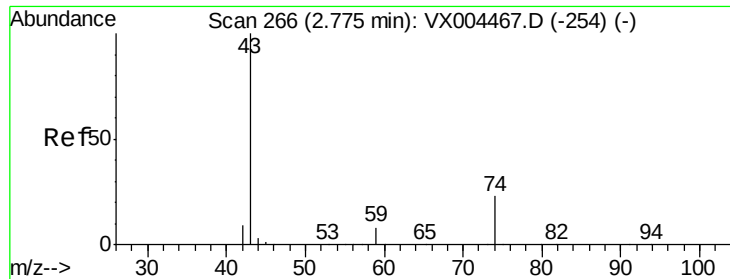
Tot Ion: 41 Resp: 13495
Ion Ratio Lower Upper
41 100
39 0.3 48.9 73.3#
76 0.0 26.7 40.1#



#16
Acetone
Concen: 3.48 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX004618.D
Acq: 16 Sep 2018 07:05

Tgt Ion: 43 Resp: 5342
Ion Ratio Lower Upper
43 100
58 32.5 26.2 39.4

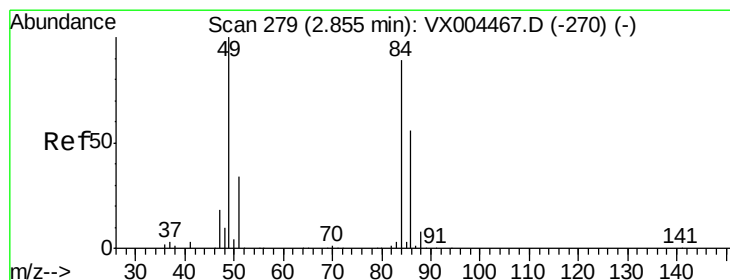
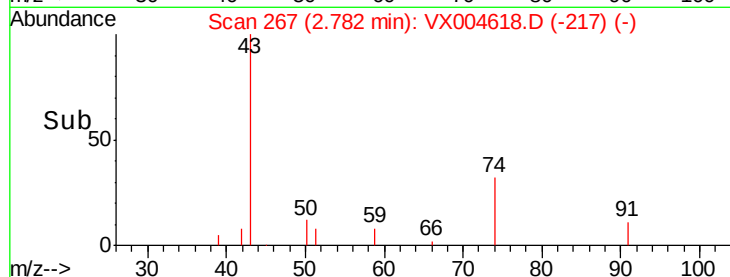
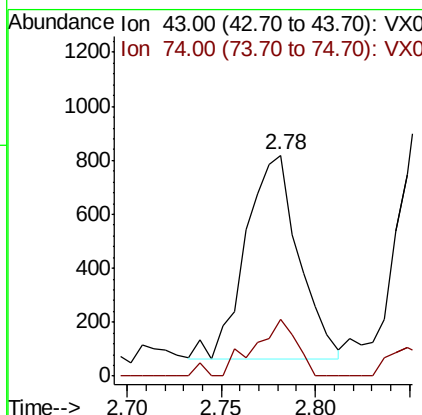
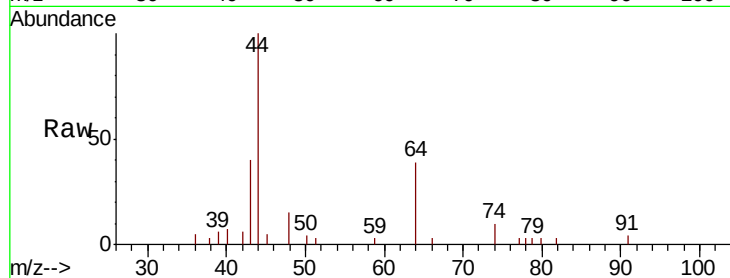




#18
Methyl Acetate
Concen: 0.34 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX004618.D
Acq: 16 Sep 2018 07:05

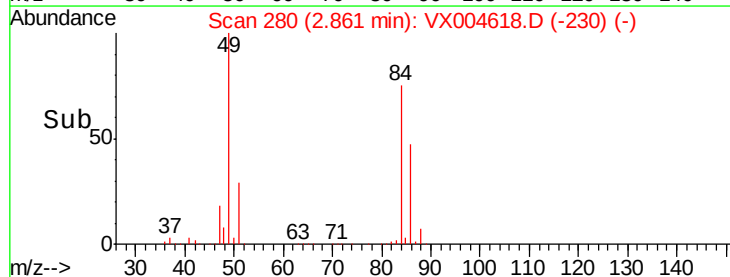
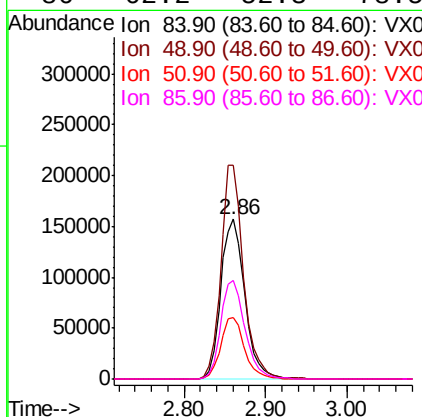
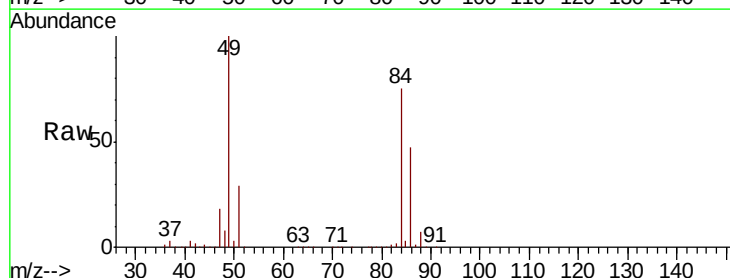
Instrument :
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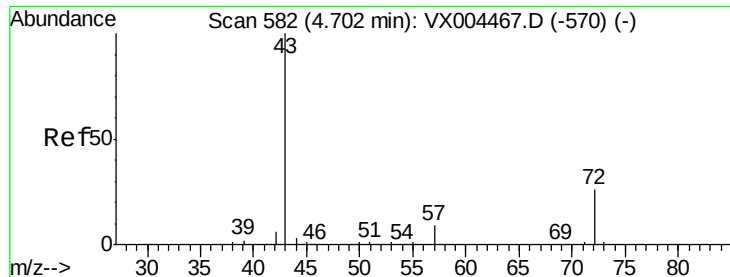
Tot Ion: 43 Resp: 1471
Ion Ratio Lower Upper
43 100
74 22.0 19.4 29.2



#20
Methylene Chloride
Concen: 101.58 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004618.D
Acq: 16 Sep 2018 07:05

Tgt Ion: 84 Resp: 319717
Ion Ratio Lower Upper
84 100
49 133.8 101.2 151.8
51 38.7 29.5 44.3
86 62.2 52.3 78.5





#25

2-Butanone

Concen: 0.24 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX004618.D

Acq: 16 Sep 2018 07:05

Instrument :

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ClientSampleId :

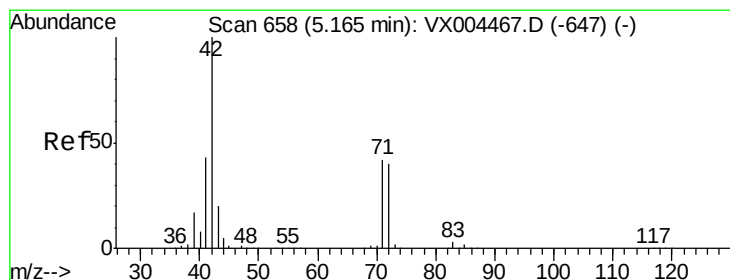
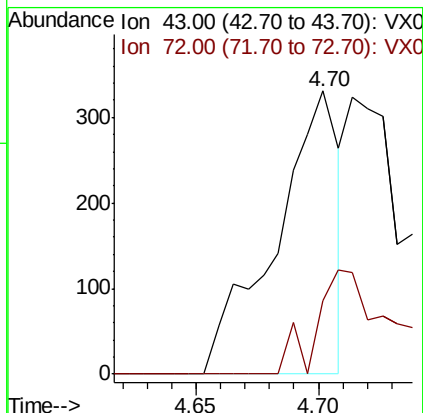
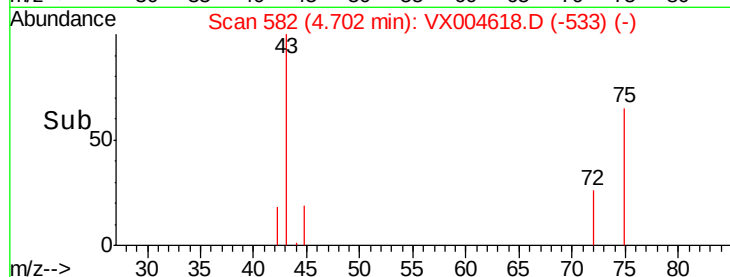
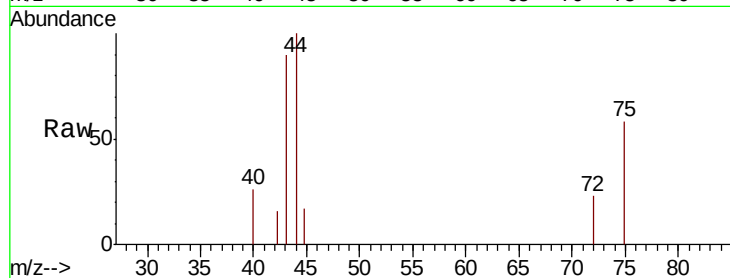
ROLLOFF02-COMP-FILLDL

Tot Ion: 43 Resp: 597

Ion Ratio Lower Upper

43 100

72 26.0 22.0 33.0



#29

Tetrahydrofuran

Concen: 0.32 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX004618.D

Acq: 16 Sep 2018 07:05

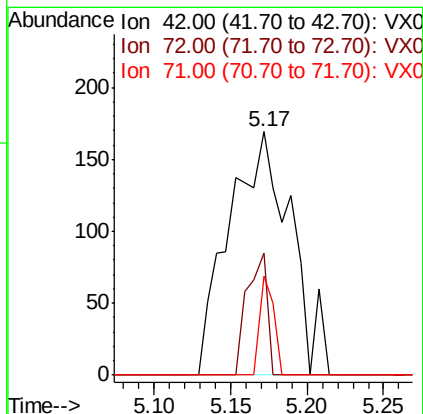
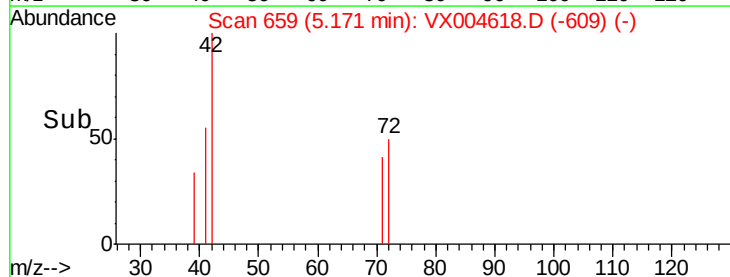
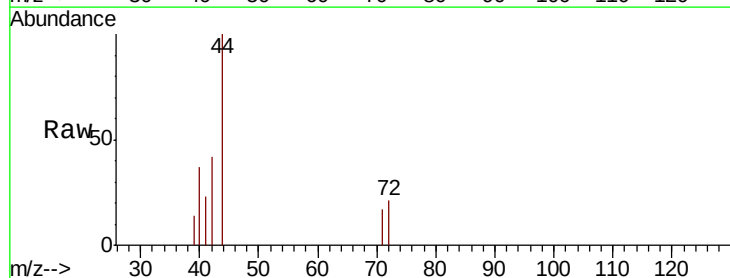
Tgt Ion: 42 Resp: 472

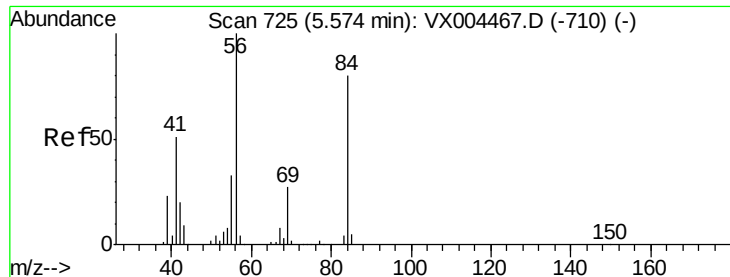
Ion Ratio Lower Upper

42 100

72 16.1 37.4 56.0#

71 9.3 34.5 51.7#

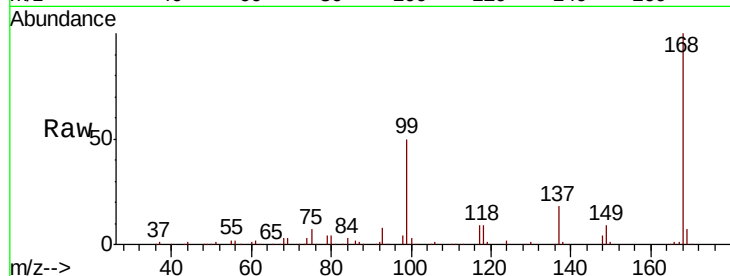




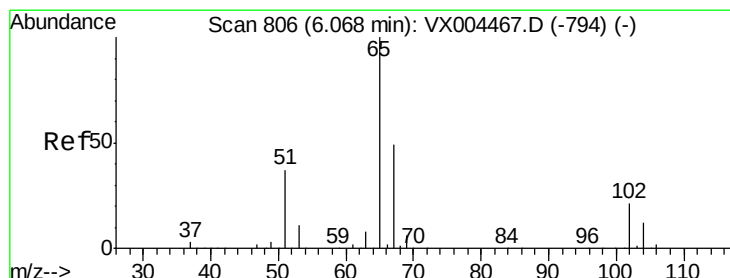
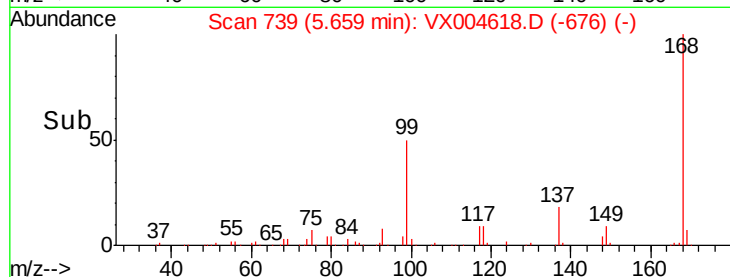
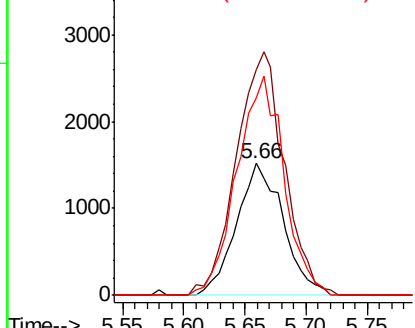
#31
Cyclohexane
Concen: 0.89 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX004618.D
Acq: 16 Sep 2018 07:05

Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF02-COMP-FILLDL

Tot Ion: 56 Resp: 4040
Ion Ratio Lower Upper
56 100
69 170.5 25.4 38.2#
84 149.4 71.4 107.2#

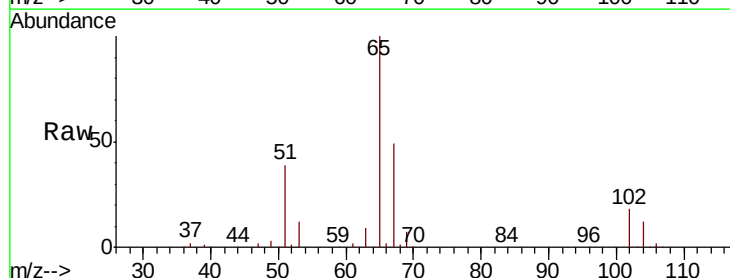


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

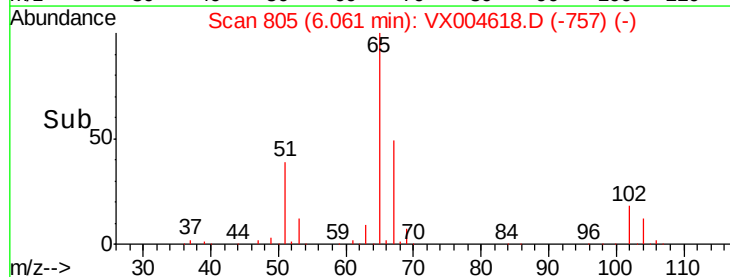
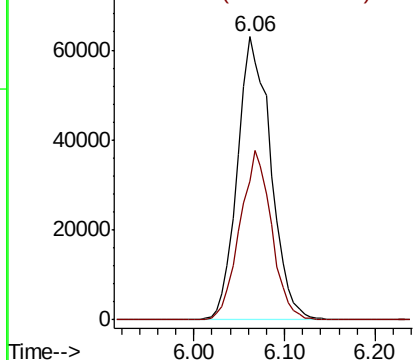


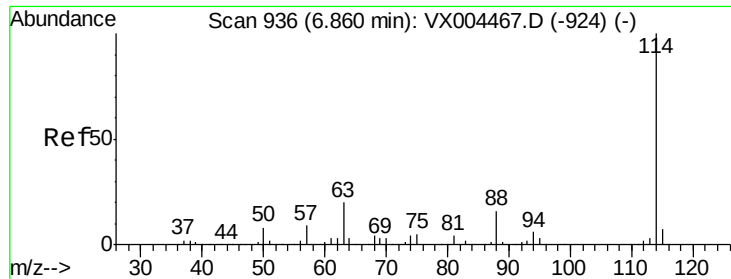
#33
1,2-Dichloroethane-d4
Concen: 50.99 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX004618.D
Acq: 16 Sep 2018 07:05

Tgt Ion: 65 Resp: 160272
Ion Ratio Lower Upper
65 100
67 57.0 0.0 106.8



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

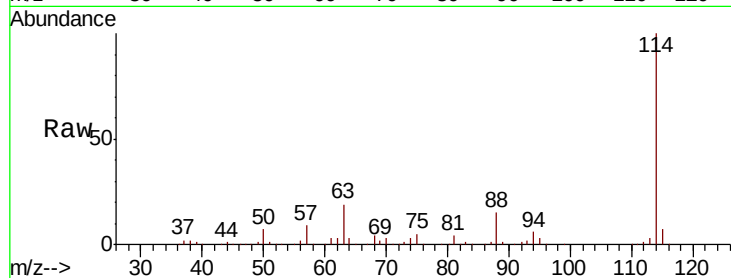




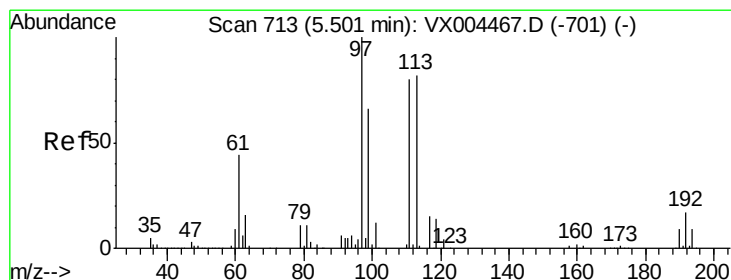
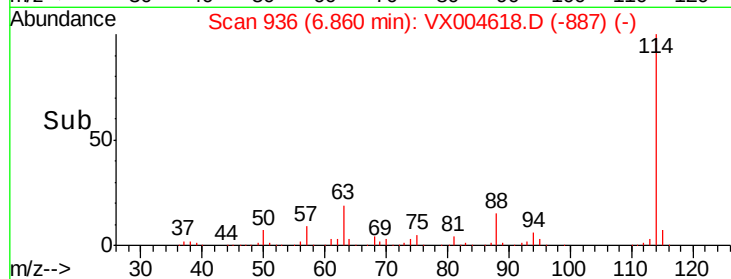
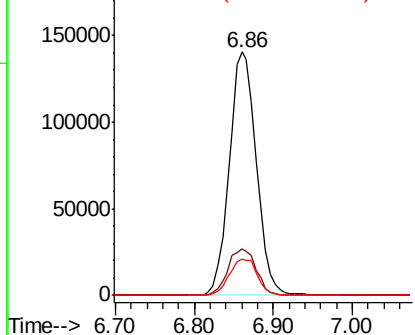
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004618.D
 Acq: 16 Sep 2018 07:05

Instrument :
 MSVOA_X
 ClientSampleId :
 ROLLOFF02-COMP-FILLDL

Tot Ion:114 Resp: 334377
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.0
 88 14.8 0.0 30.4

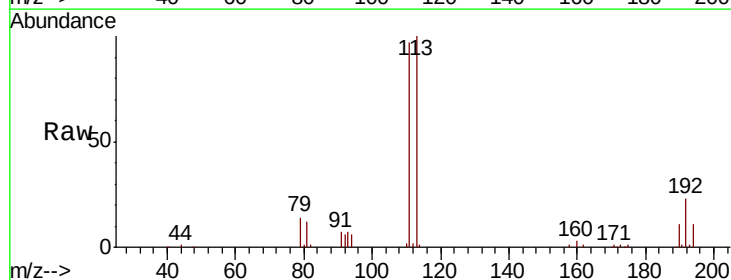


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

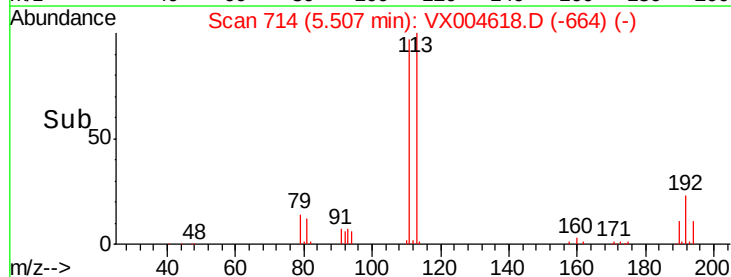
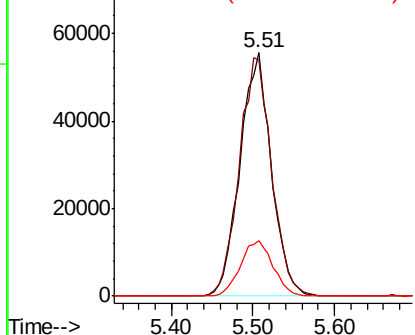


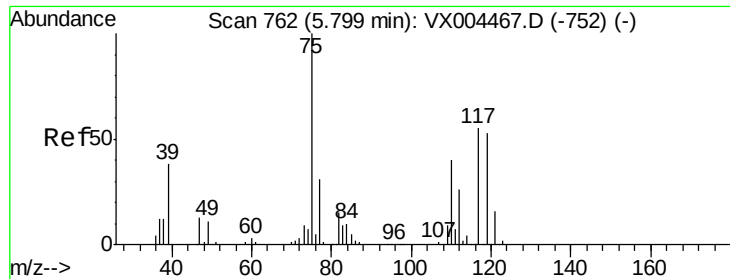
#35
 Dibromofluoromethane
 Concen: 48.44 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004618.D
 Acq: 16 Sep 2018 07:05

Tgt Ion:113 Resp: 148234
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.4 123.6
 192 23.8 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

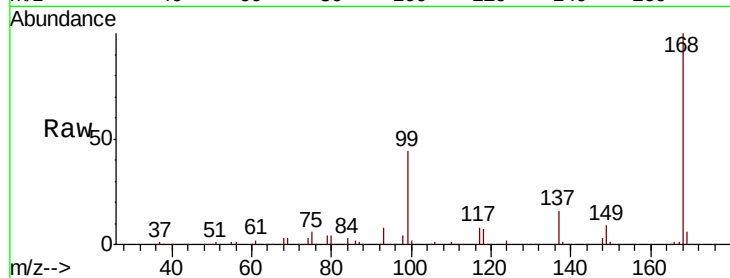




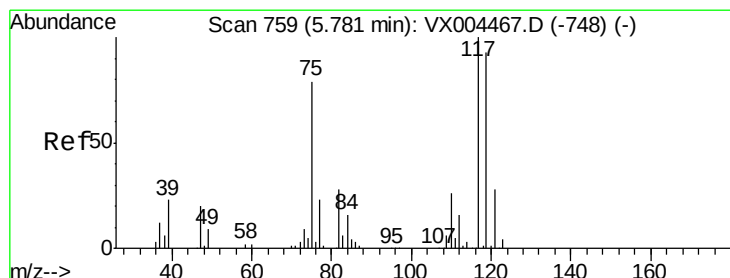
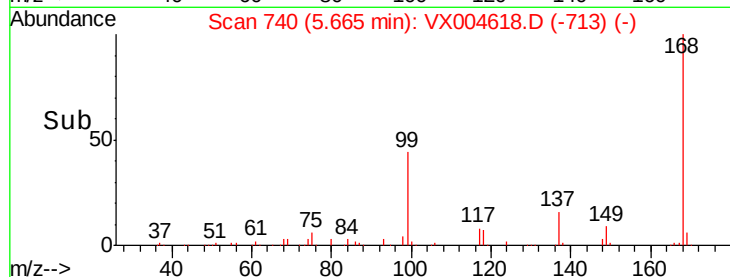
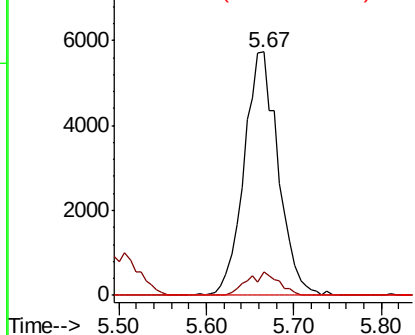
#36
 1,1-Dichloropropene
 Concen: 3.83 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX004618.D
 Acq: 16 Sep 2018 07:05

Instrument :
 MSVOA_X
 ClientSampleId :
 ROLLOFF02-COMP-FILLDL

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.0	54.0#
77	0.0	24.6	36.8#

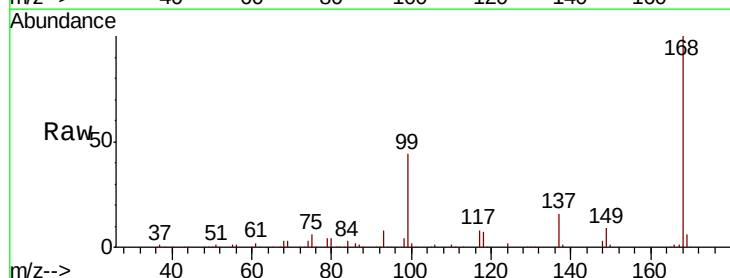


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

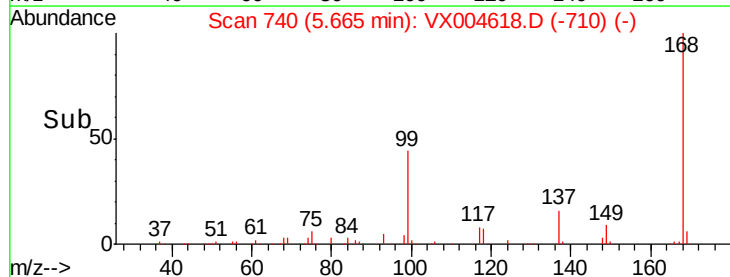
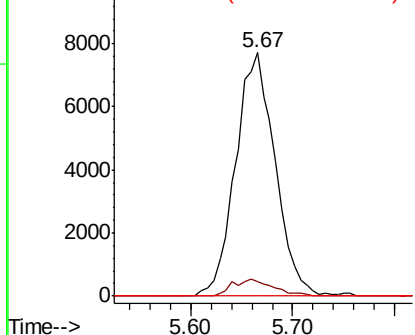


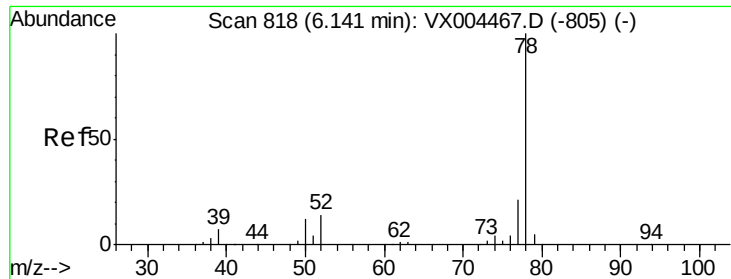
#38
 Carbon Tetrachloride
 Concen: 5.23 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX004618.D
 Acq: 16 Sep 2018 07:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.8	78.8	118.2#
121	0.0	24.9	37.3#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V





#40

Benzene

Concen: 44.36 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX004618.D

Acq: 16 Sep 2018 07:05

Instrument :

MSVOA_X

ClientSampleId :

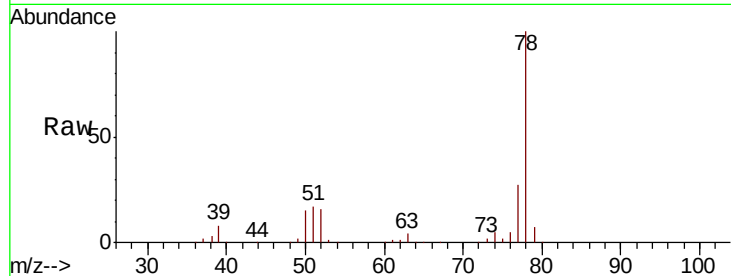
ROLLOFF02-COMP-FILLDL

Tot Ion: 78 Resp: 534264

Ion Ratio Lower Upper

78 100

77 26.7 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.15

200000

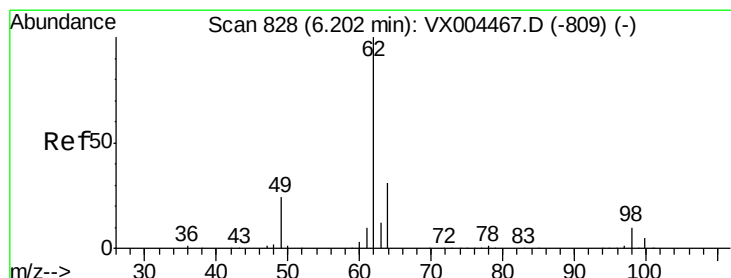
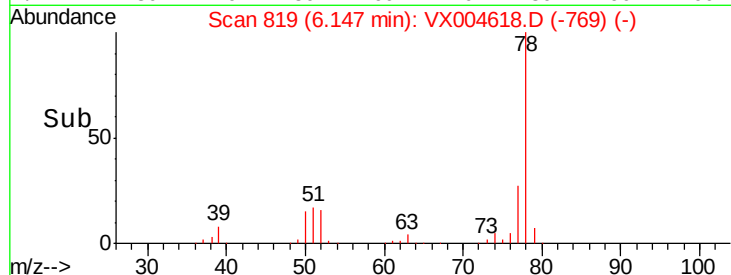
150000

100000

50000

0

Time-->



#42

1,2-Dichloroethane

Concen: 1.09 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.06 min

Lab File: VX004618.D

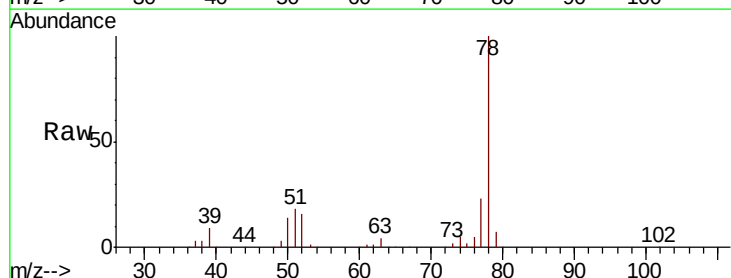
Acq: 16 Sep 2018 07:05

Tgt Ion: 62 Resp: 4351

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

2000

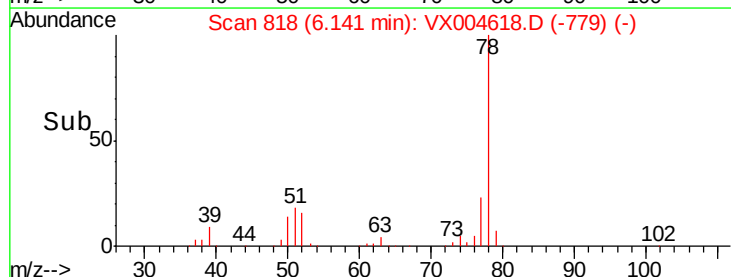
1500

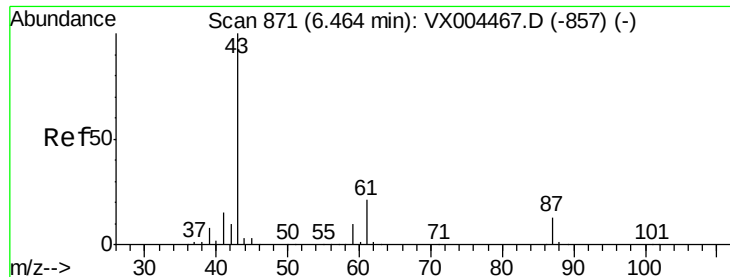
1000

500

0

Time-->





#43

Isopropyl Acetate

Concen: 4.08 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX004618.D

Acq: 16 Sep 2018 07:05

Instrument :

MSVOA_X

ClientSampleId :

ROLLOFF02-COMP-FILLDL

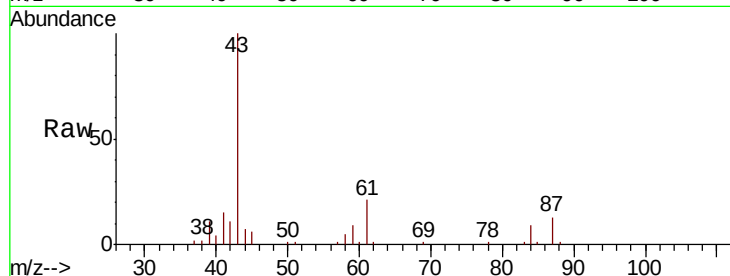
Tot Ion: 43 Resp: 25017

Ion Ratio Lower Upper

43 100

61 20.7 17.0 25.4

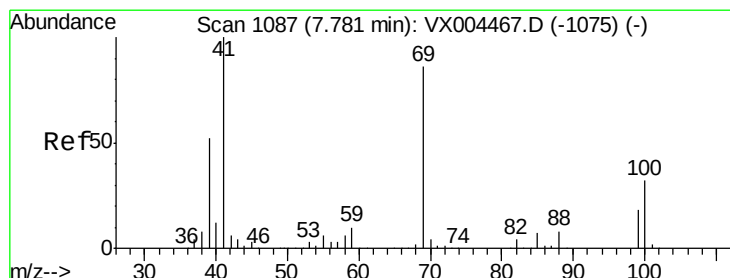
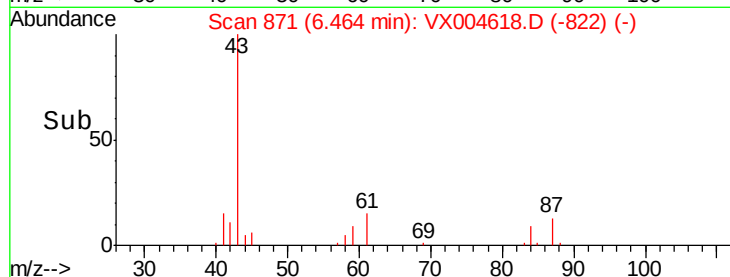
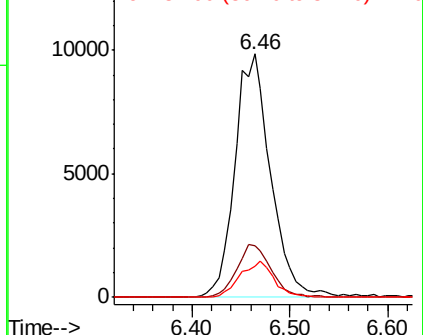
87 14.0 11.4 17.2



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



#48

Methyl methacrylate

Concen: 0.35 ug/l

RT: 7.69 min Scan# 1072

Delta R.T. -0.09 min

Lab File: VX004618.D

Acq: 16 Sep 2018 07:05

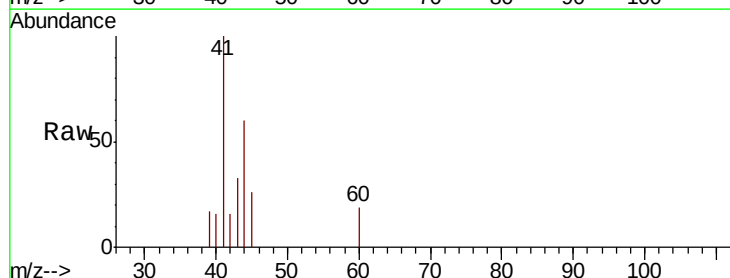
Tgt Ion: 41 Resp: 1064

Ion Ratio Lower Upper

41 100

69 0.0 70.2 105.4#

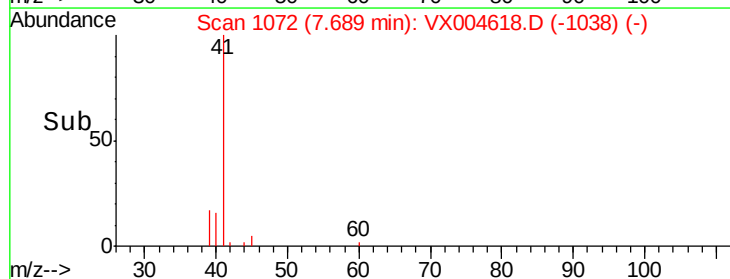
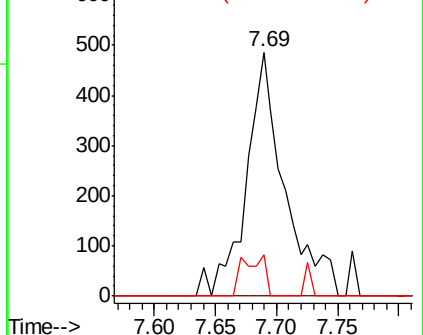
39 9.5 42.7 64.1#

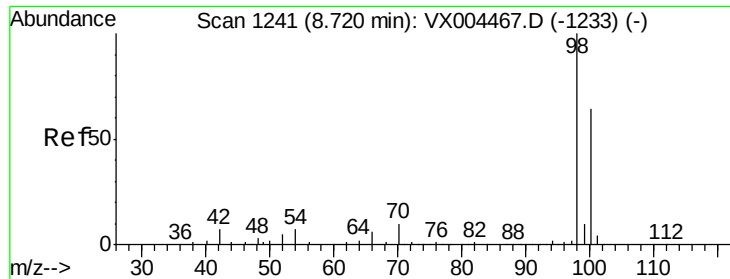


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

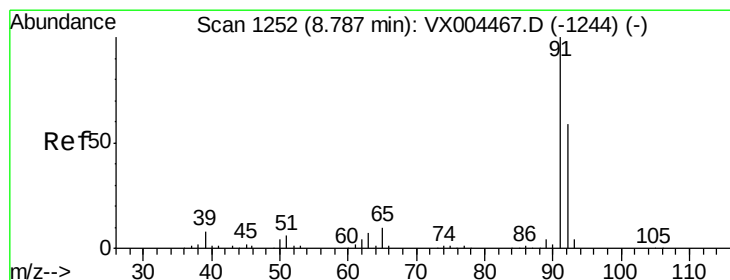
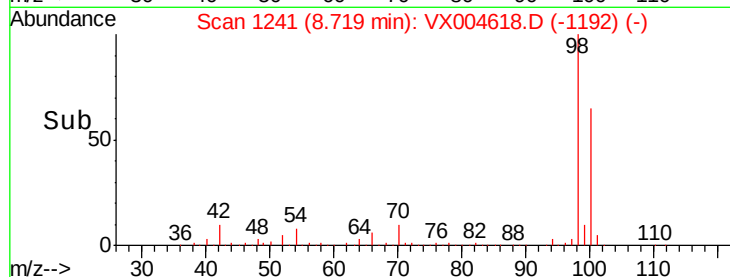
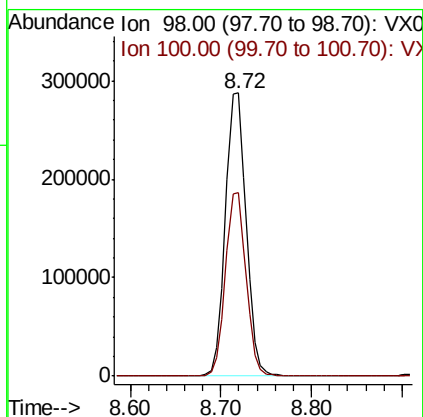
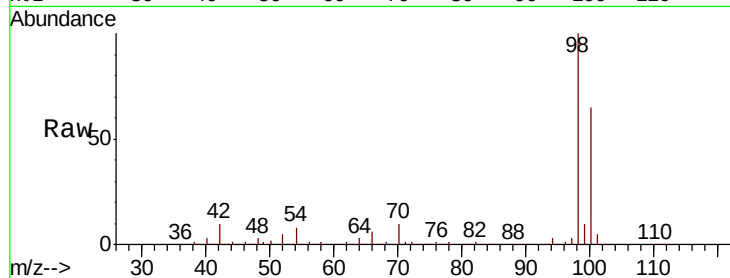




#50
Toluene-d8
Concen: 44.81 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004618.D
Acq: 16 Sep 2018 07:05

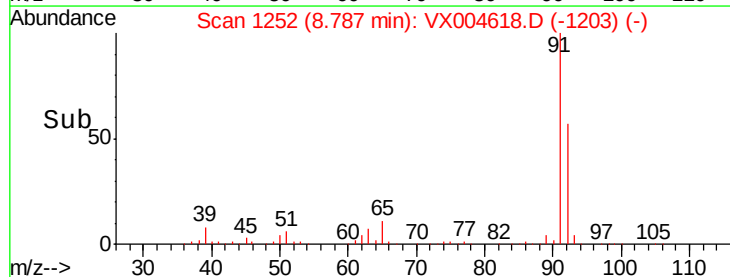
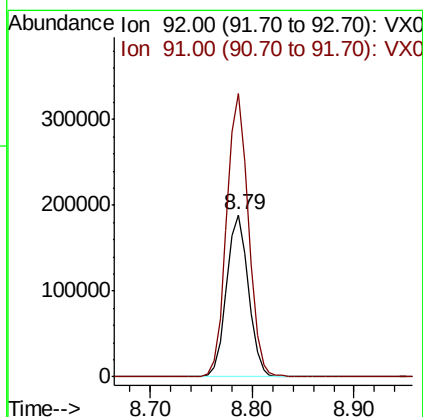
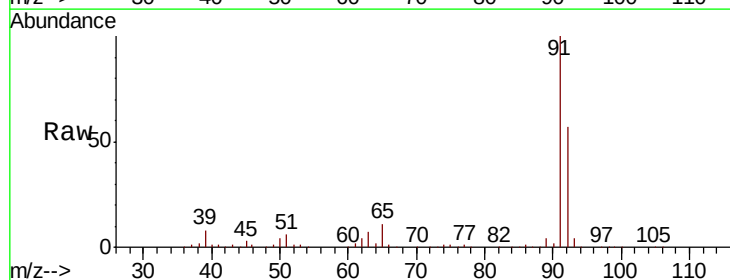
Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF02-COMP-FILLDL

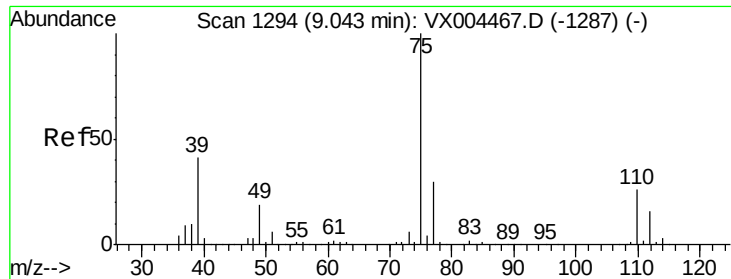
Tot Ion: 98 Resp: 459850
Ion Ratio Lower Upper
98 100
100 64.2 52.9 79.3



#52
Toluene
Concen: 39.62 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004618.D
Acq: 16 Sep 2018 07:05

Tgt Ion: 92 Resp: 281138
Ion Ratio Lower Upper
92 100
91 174.1 136.4 204.6

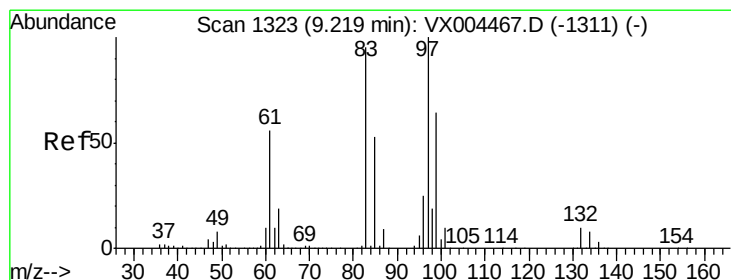
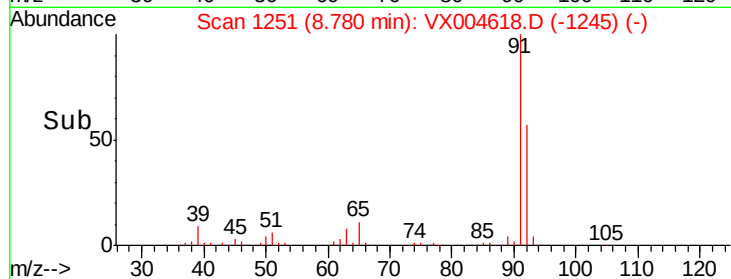
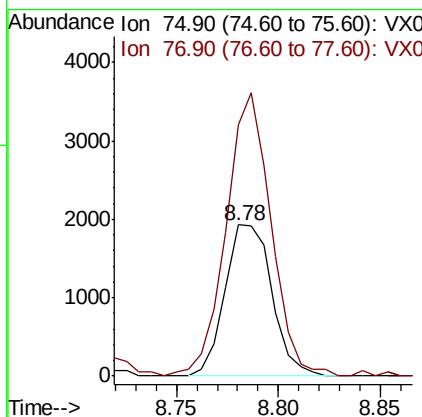
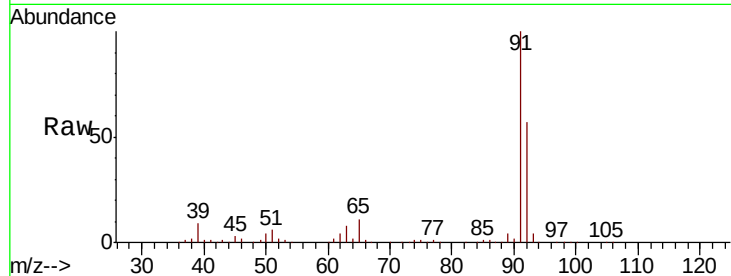




#53
t-1,3-Dichloropropene
Concen: 0.76 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.26 min
Lab File: VX004618.D
Acq: 16 Sep 2018 07:05

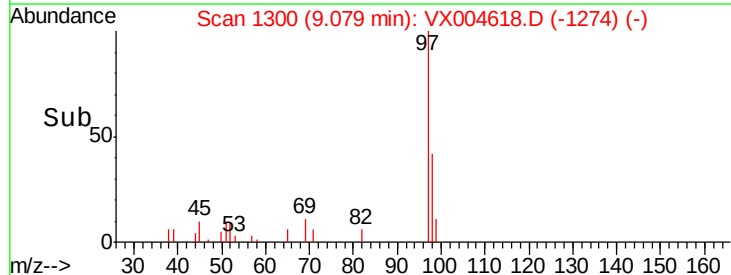
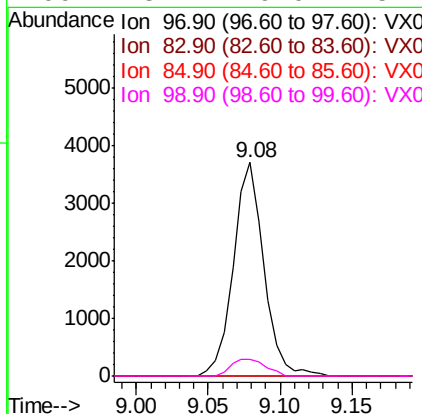
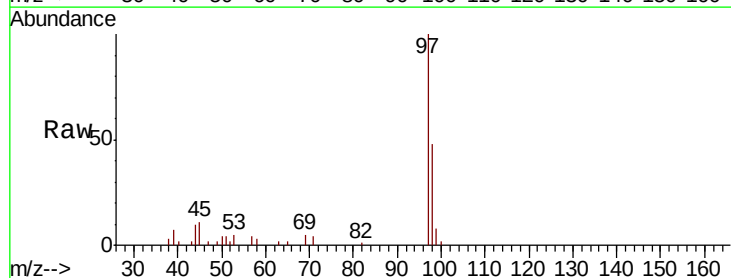
Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF02-COMP-FILLDL

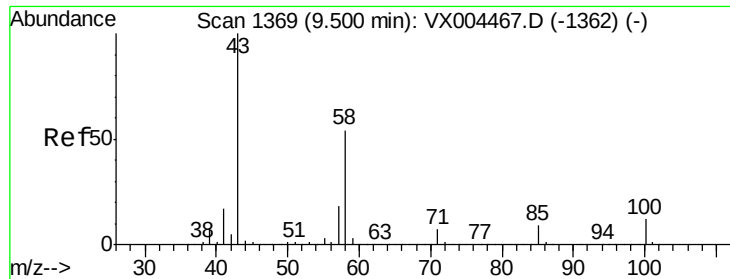
Tot Ion: 75 Resp: 3072
Ion Ratio Lower Upper
75 100
77 166.2 24.6 37.0#



#55
1,1,2-Trichloroethane
Concen: 1.80 ug/l
RT: 9.08 min Scan# 1300
Delta R.T. -0.14 min
Lab File: VX004618.D
Acq: 16 Sep 2018 07:05

Tgt Ion: 97 Resp: 5485
Ion Ratio Lower Upper
97 100
83 0.0 66.4 99.6#
85 0.0 43.3 64.9#
99 8.1 49.0 73.4#

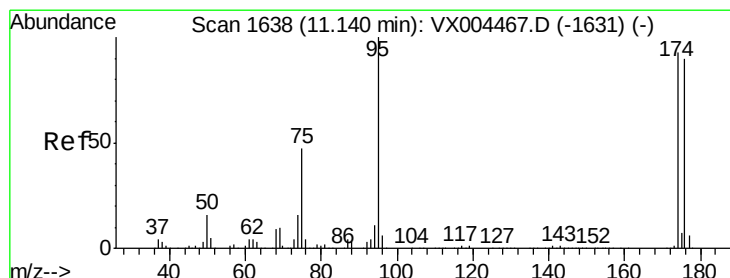
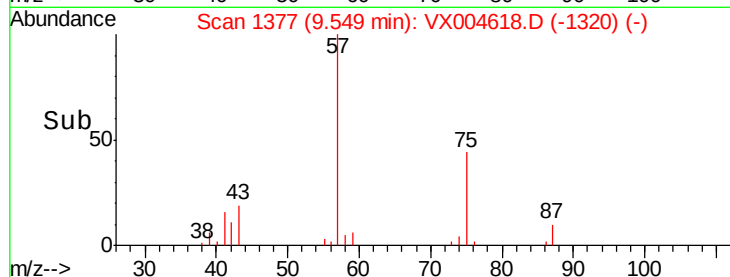
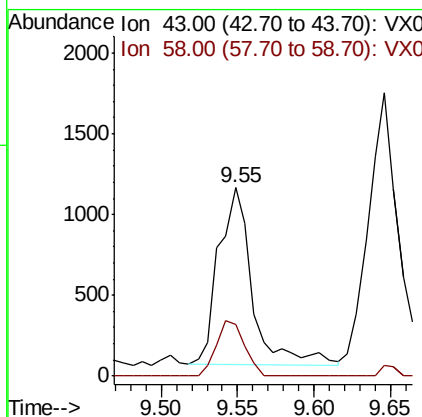
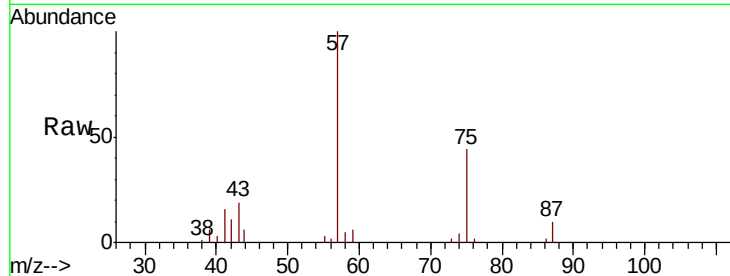




#59
2-Hexanone
Concen: 0.51 ug/l
RT: 9.55 min Scan# 1377
Delta R.T. 0.05 min
Lab File: VX004618.D
Acq: 16 Sep 2018 07:05

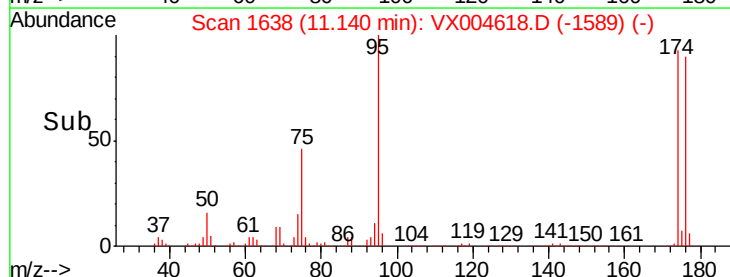
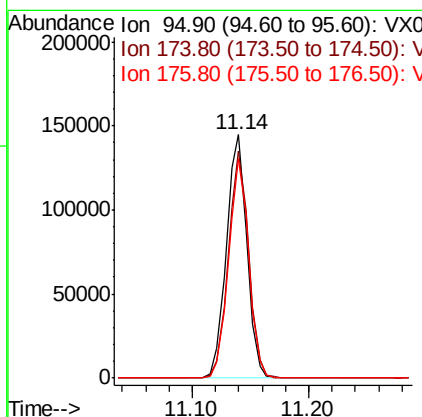
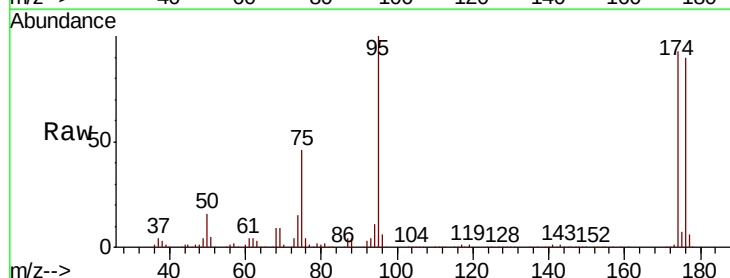
Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF02-COMP-FILLDL

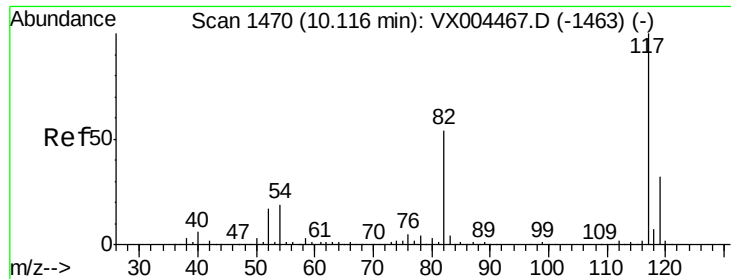
Tot Ion: 43 Resp: 1693
Ion Ratio Lower Upper
43 100
58 25.8 29.0 87.0#



#62
4-Bromofluorobenzene
Concen: 48.06 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004618.D
Acq: 16 Sep 2018 07:05

Tgt Ion: 95 Resp: 176036
Ion Ratio Lower Upper
95 100
174 93.3 0.0 185.2
176 89.1 0.0 178.6

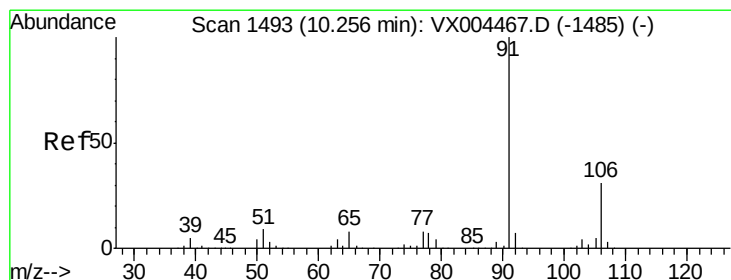
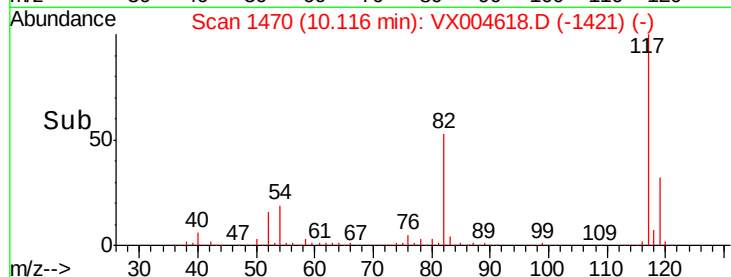
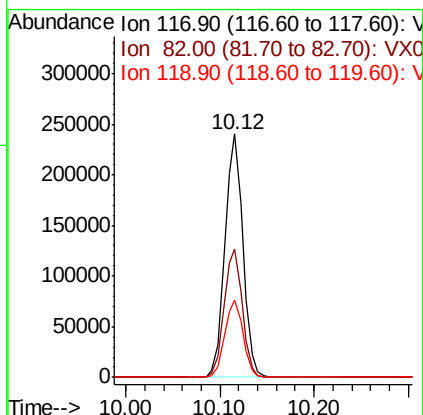
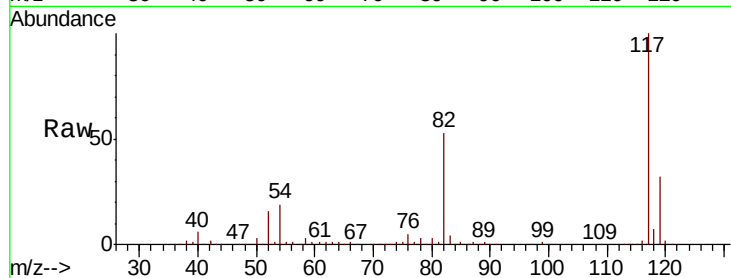




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004618.D
Acq: 16 Sep 2018 07:05

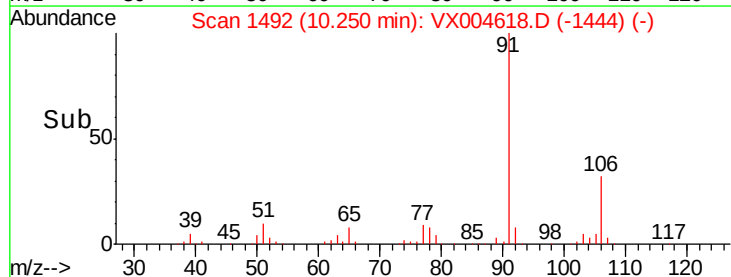
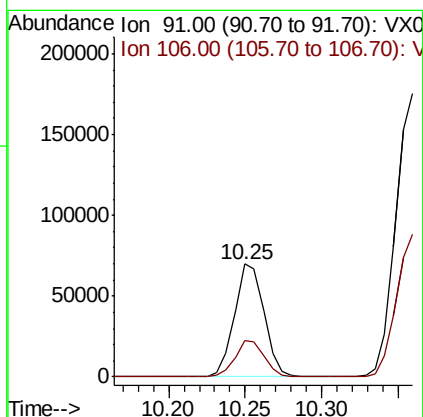
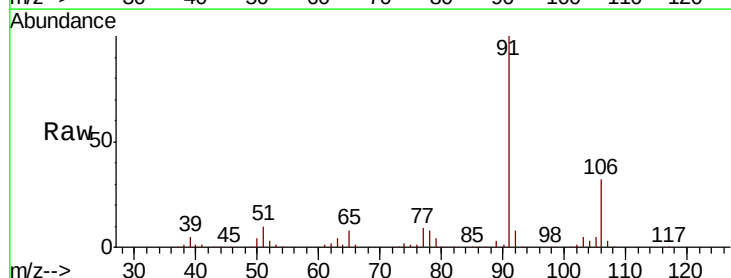
Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF02-COMP-FILLDL

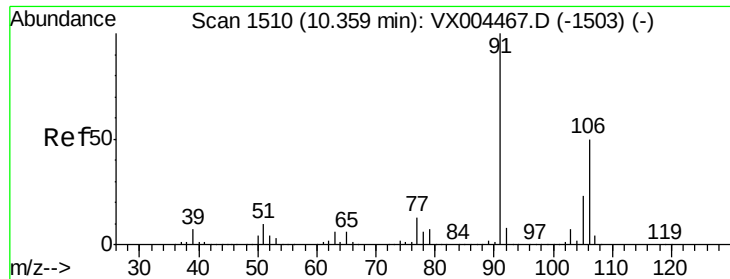
Tot Ion:117 Resp: 316687
Ion Ratio Lower Upper
117 100
82 52.6 47.8 71.6
119 31.8 29.3 43.9



#67
Ethyl Benzene
Concen: 7.35 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004618.D
Acq: 16 Sep 2018 07:05

Tgt Ion: 91 Resp: 94064
Ion Ratio Lower Upper
91 100
106 31.7 25.9 38.9

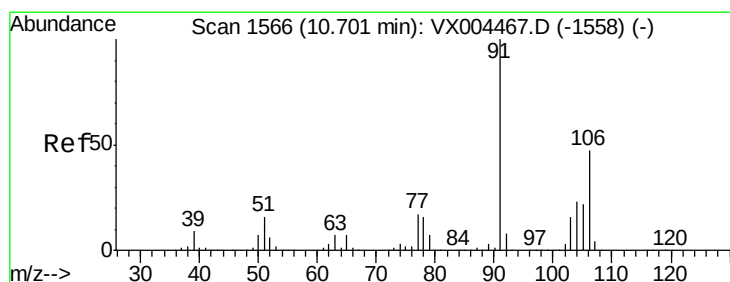
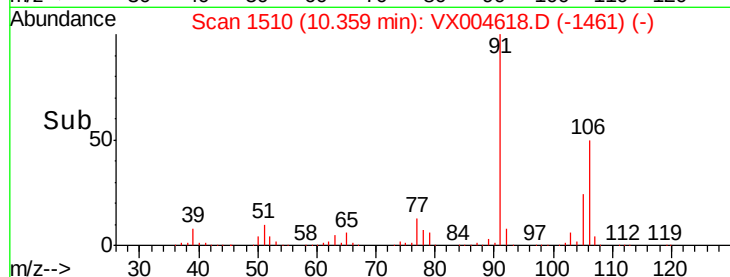
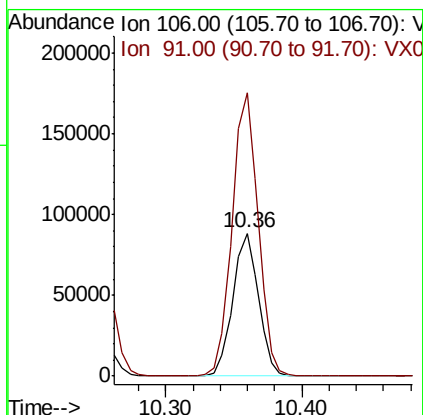
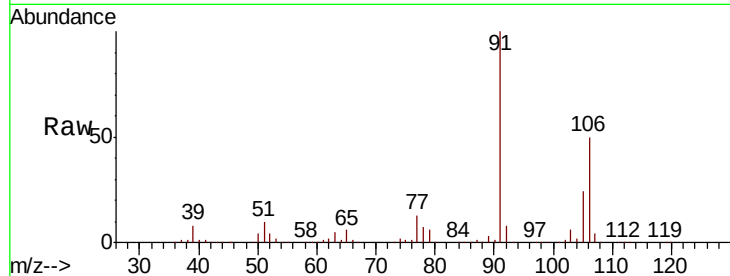




#68
m/p-Xylenes
Concen: 23.62 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004618.D
Acq: 16 Sep 2018 07:05

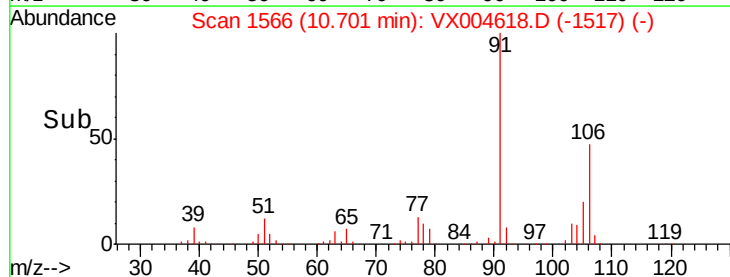
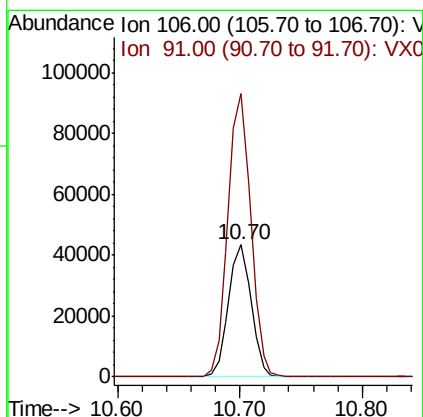
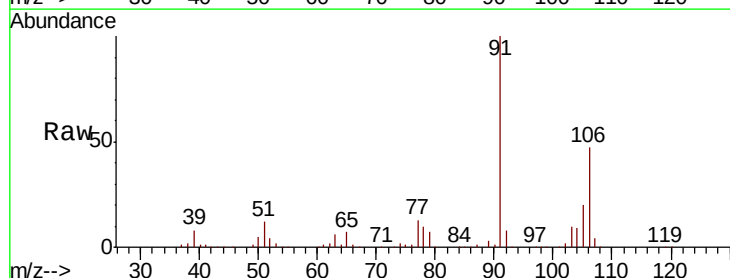
Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF02-COMP-FILLDL

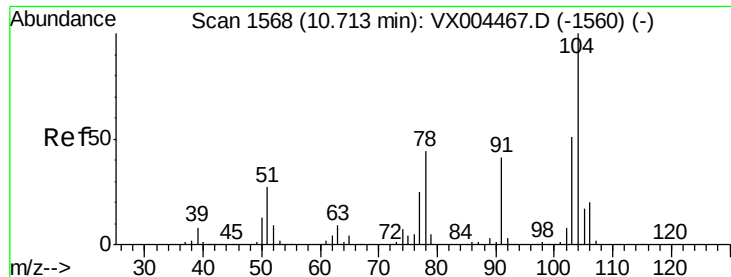
Tot Ion:106 Resp: 116354
Ion Ratio Lower Upper
106 100
91 200.1 157.1 235.7



#69
o-Xylene
Concen: 11.82 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004618.D
Acq: 16 Sep 2018 07:05

Tgt Ion:106 Resp: 55977
Ion Ratio Lower Upper
106 100
91 215.6 105.1 315.1

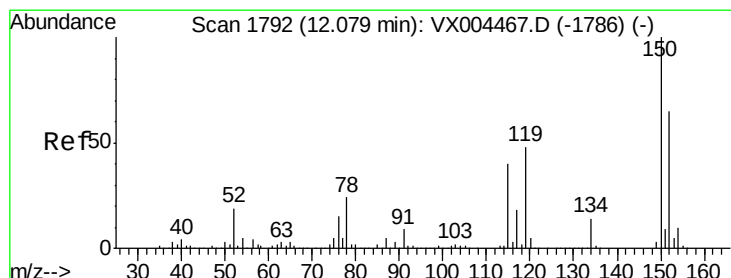
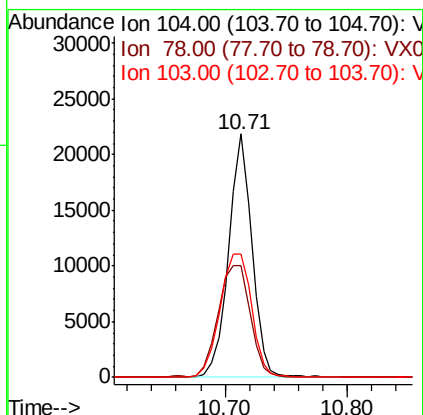
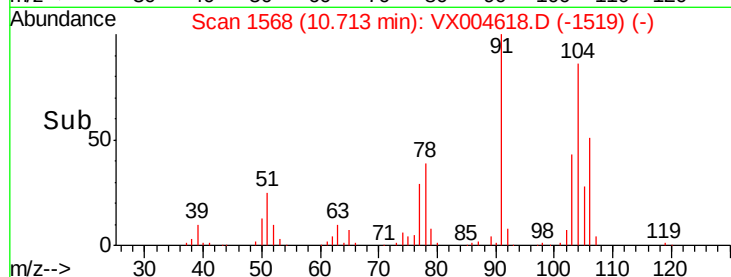
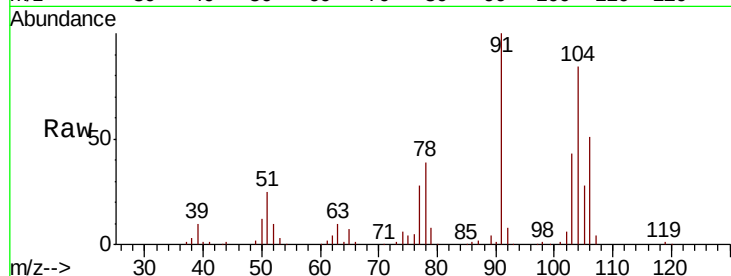




#70
Stvrene
Concen: 3.66 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004618.D
Acq: 16 Sep 2018 07:05

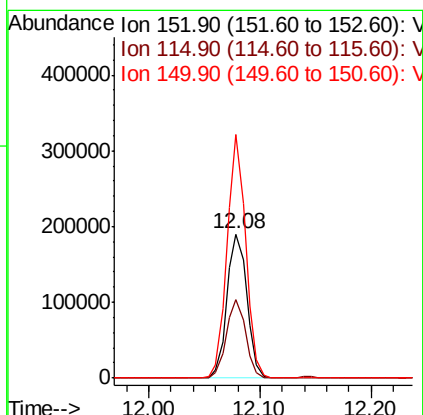
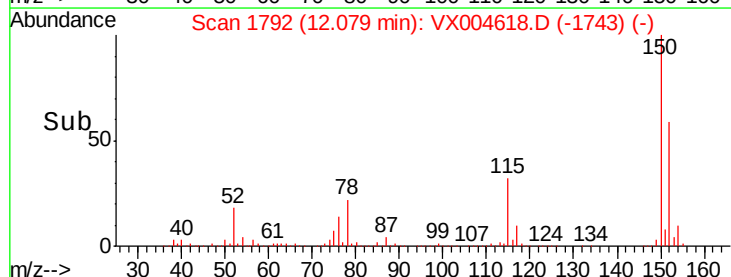
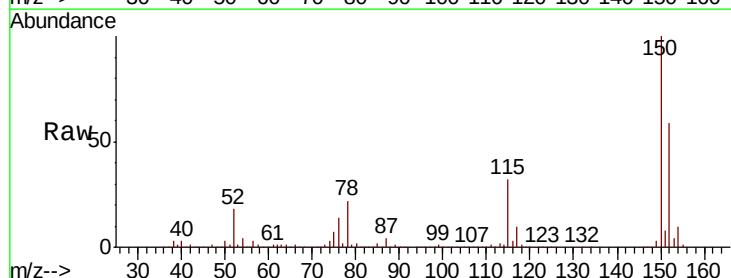
Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF02-COMP-FILLDL

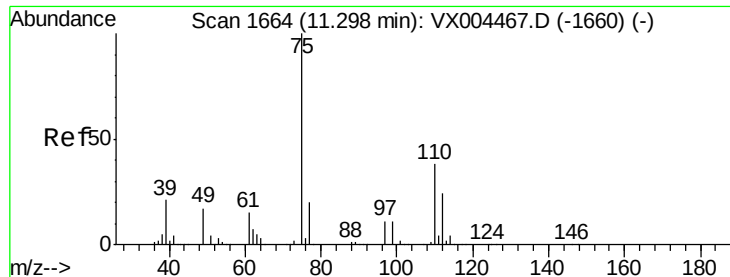
Tot Ion:104 Resp: 28719
Ion Ratio Lower Upper
104 100
78 64.5 37.4 56.0#
103 69.0 43.8 65.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004618.D
Acq: 16 Sep 2018 07:05

Tgt Ion:152 Resp: 235429
Ion Ratio Lower Upper
152 100
115 52.7 39.0 117.0
150 157.8 0.0 351.0

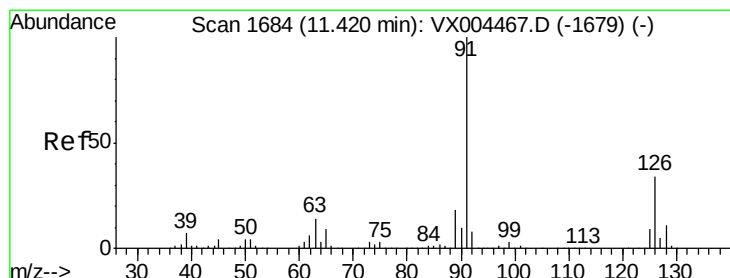
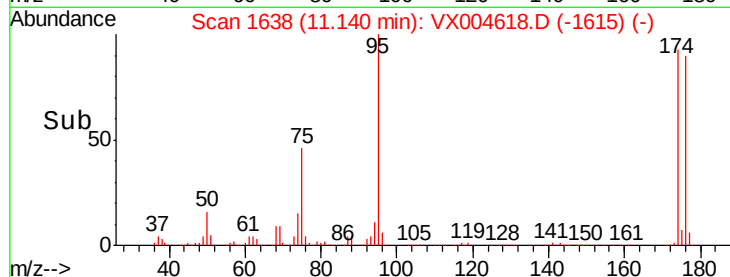
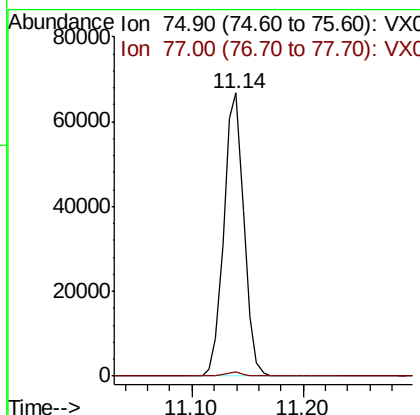
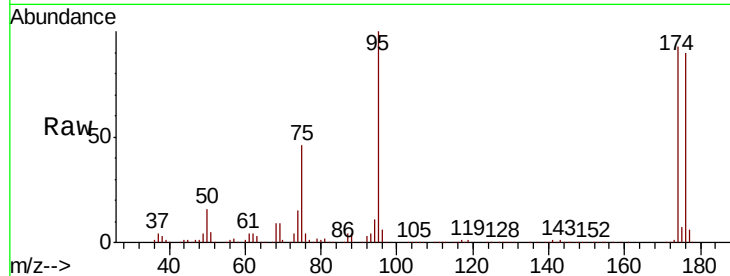




#76
 1,2,3-Trichloropropane
 Concen: 17.52 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX004618.D
 Acq: 16 Sep 2018 07:05

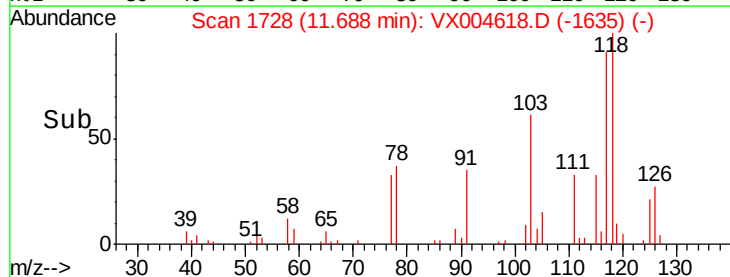
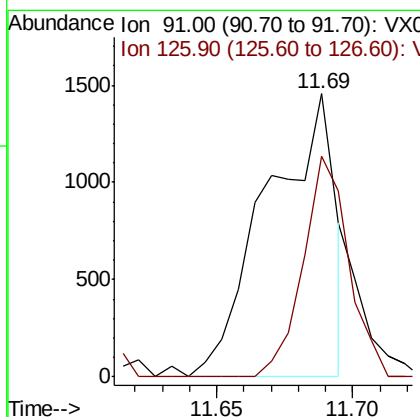
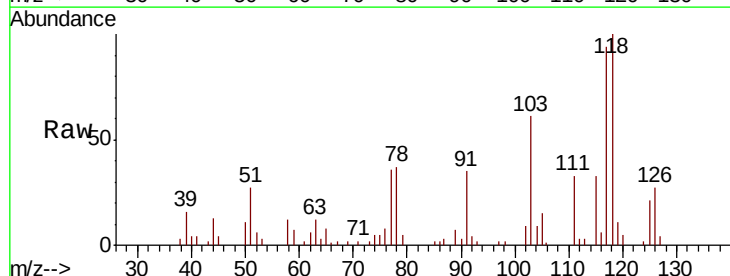
Instrument :
 MSVOA_X
 ClientSampleId :
 ROLLOFF02-COMP-FILLDL

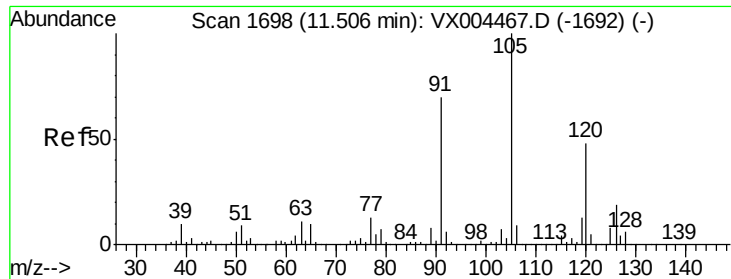
Tot Ion: 75 Resp: 82984
 Ion Ratio Lower Upper
 75 100
 77 1.4 20.2 60.6#



#79
 2-Chlorotoluene
 Concen: 0.23 ug/l
 RT: 11.69 min Scan# 1728
 Delta R.T. 0.27 min
 Lab File: VX004618.D
 Acq: 16 Sep 2018 07:05

Tgt Ion: 91 Resp: 2535
 Ion Ratio Lower Upper
 91 100
 126 43.7 17.9 53.7

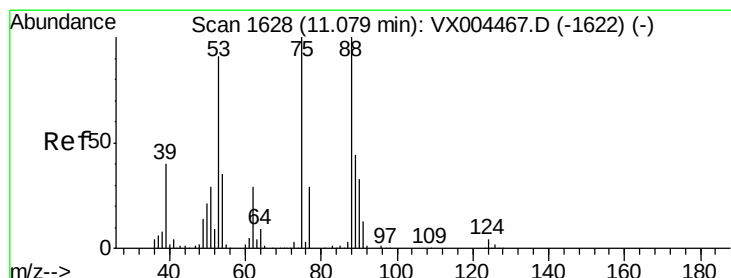
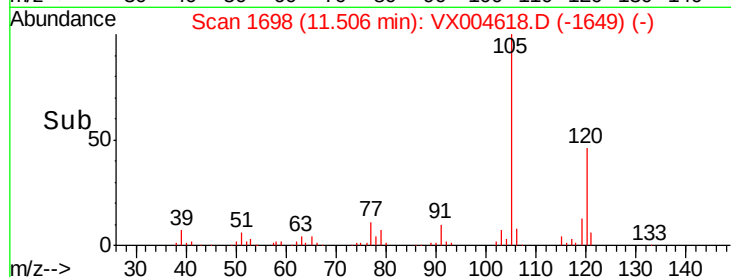
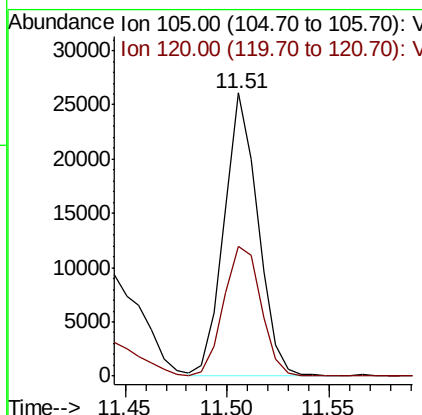
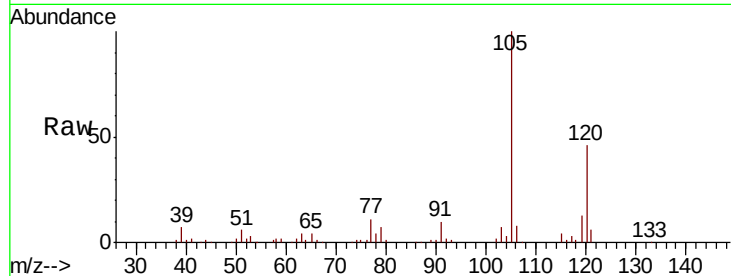




#80
 1,3,5-Trimethylbenzene
 Concen: 2.29 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX004618.D
 Acq: 16 Sep 2018 07:05

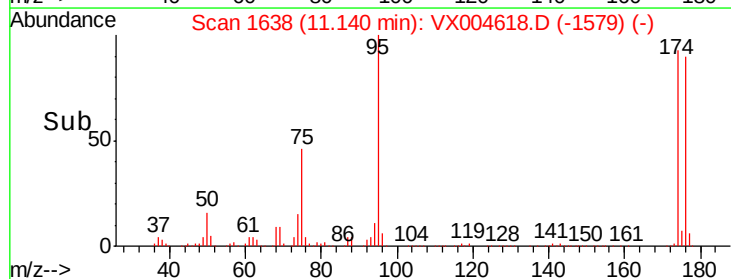
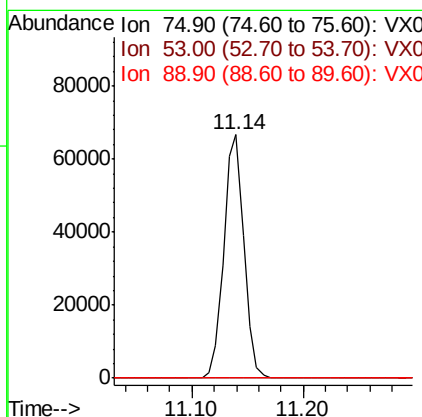
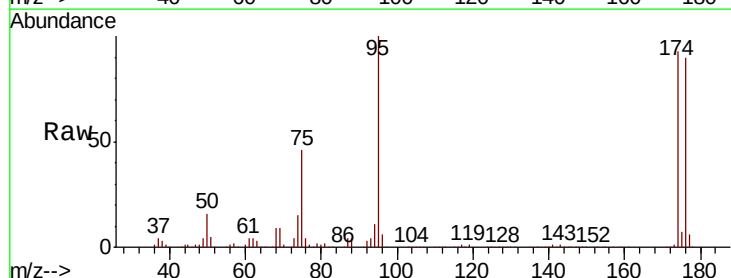
Instrument :
 MSVOA_X
 ClientSampleId :
 ROLLOFF02-COMP-FILLDL

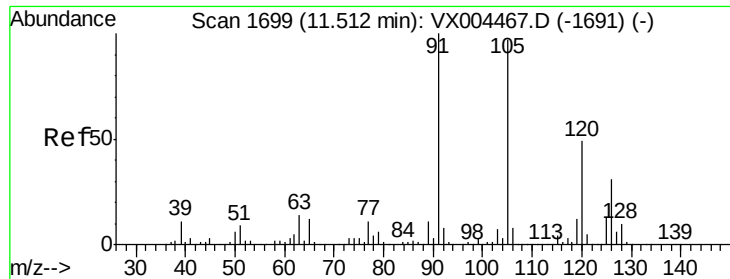
Tot Ion:105 Resp: 29855
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.6 76.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.84 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.06 min
 Lab File: VX004618.D
 Acq: 16 Sep 2018 07:05

Tgt Ion: 75 Resp: 82984
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.1 120.1#
 89 0.0 37.2 55.8#





#82

4-Chlorotoluene

Concen: 0.23 ug/l

RT: 11.69 min Scan# 1728

Delta R.T. 0.18 min

Lab File: VX004618.D

Acq: 16 Sep 2018 07:05

Instrument :

MSVOA_X

ClientSampleId :

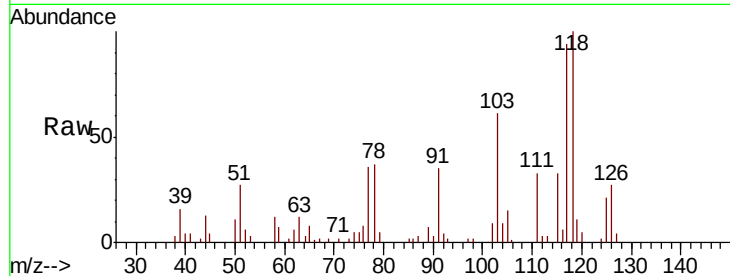
ROLLOFF02-COMP-FILLDL

Tot Ion: 91 Resp: 2856

Ion Ratio Lower Upper

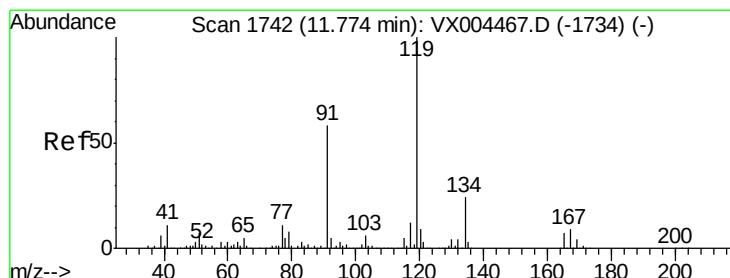
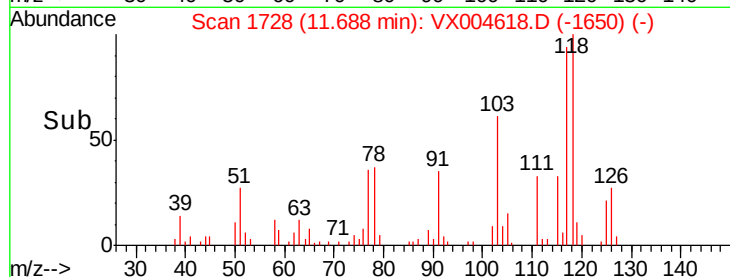
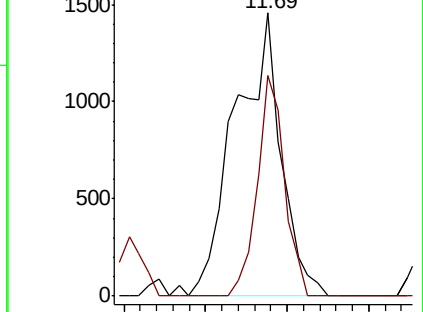
91 100

126 46.1 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX004467.D (-1691) (-)

Ion 125.90 (125.60 to 126.60): VX004467.D (-1691) (-)



#83

tert-Butylbenzene

Concen: 0.96 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.04 min

Lab File: VX004618.D

Acq: 16 Sep 2018 07:05

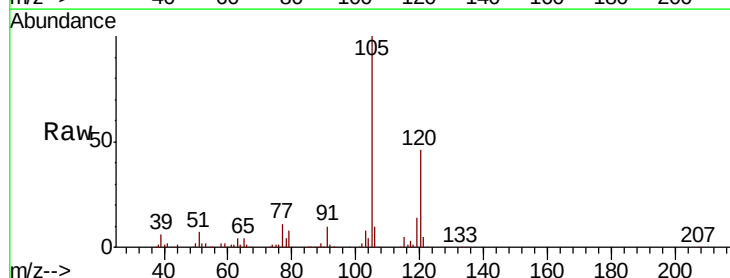
Tgt Ion: 119 Resp: 11885

Ion Ratio Lower Upper

119 100

91 80.2 27.0 81.0

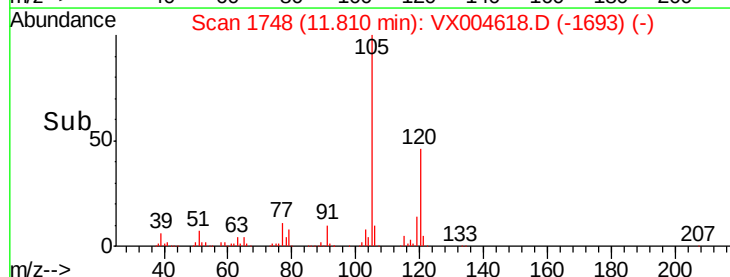
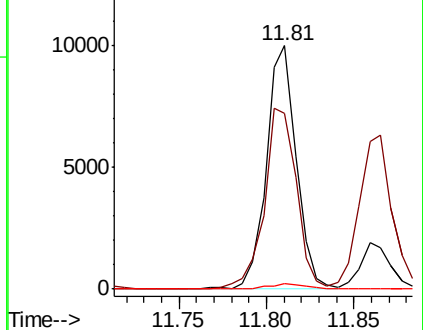
134 2.5 11.7 35.1#

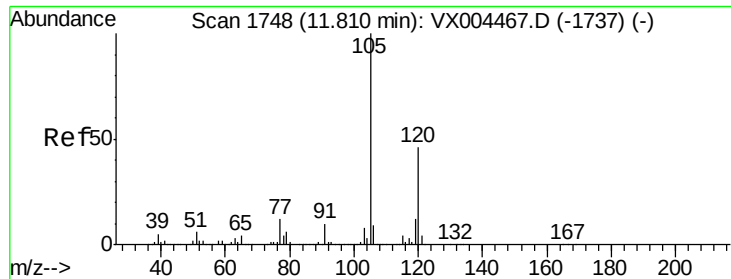


Abundance Ion 119.00 (118.70 to 119.70): VX004467.D (-1734) (-)

Ion 91.00 (90.70 to 91.70): VX004467.D (-1734) (-)

Ion 134.00 (133.70 to 134.70): VX004467.D (-1734) (-)





#84

1,2,4-Trimethylbenzene

Concen: 6.56 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VX004618.D

Acq: 16 Sep 2018 07:05

Instrument :

MSVOA_X

ClientSampleId :

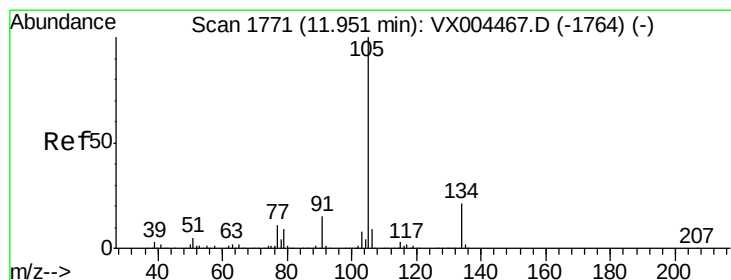
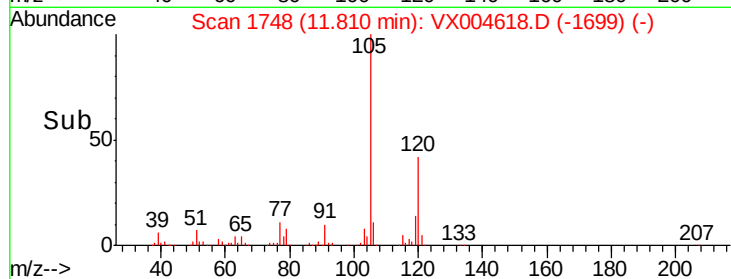
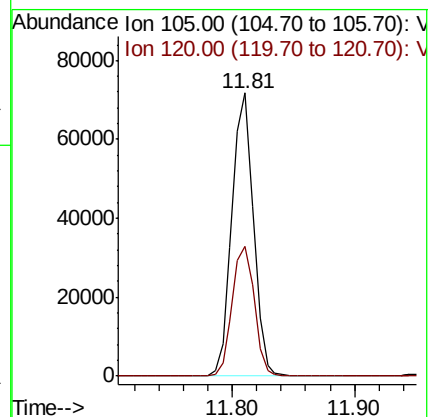
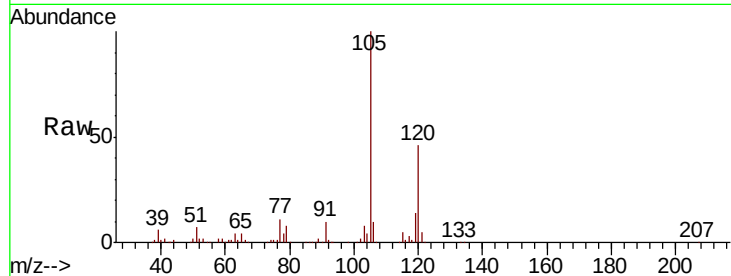
ROLLOFF02-COMP-FILLDL

Tot Ion:105 Resp: 87323

Ion Ratio Lower Upper

105 100

120 47.3 23.2 69.6



#85

sec-Butylbenzene

Concen: 5.52 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.14 min

Lab File: VX004618.D

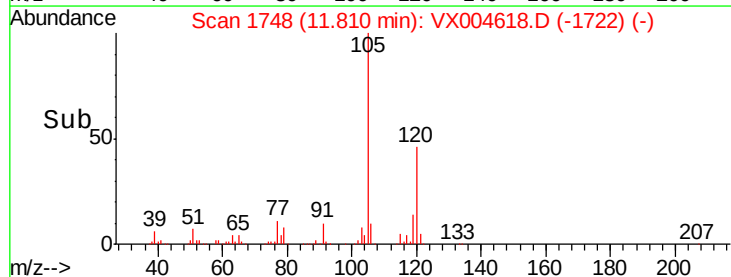
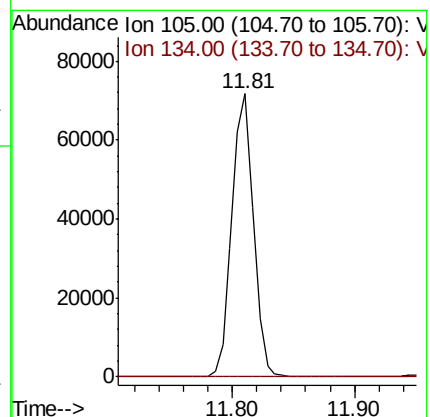
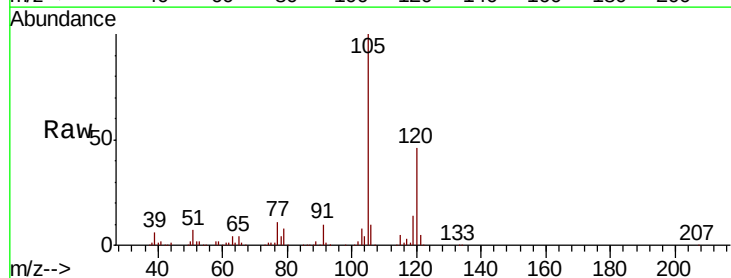
Acq: 16 Sep 2018 07:05

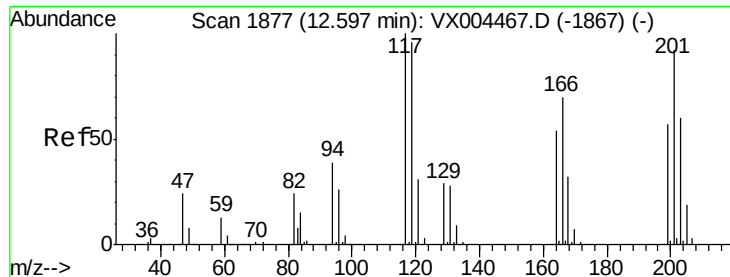
Tgt Ion:105 Resp: 87323

Ion Ratio Lower Upper

105 100

134 0.3 10.5 31.5#





#90

Hexachloroethane

Concen: 43.72 ug/l

RT: 12.47 min Scan# 1856

Delta R.T. -0.13 min

Lab File: VX004618.D

Acq: 16 Sep 2018 07:05

Instrument :

MSVOA_X

ClientSampleId :

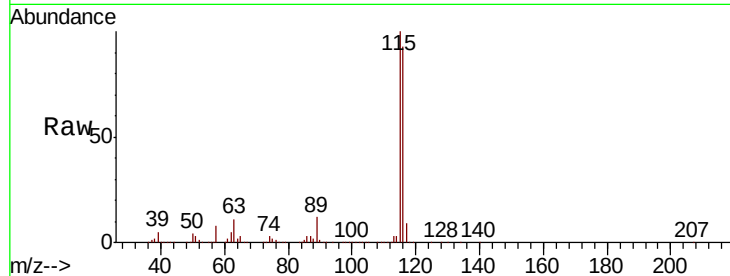
ROLLOFF02-COMP-FILLDL

Tot Ion:117 Resp: 97744

Ion Ratio Lower Upper

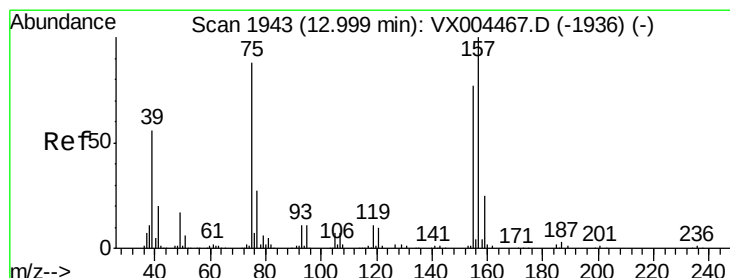
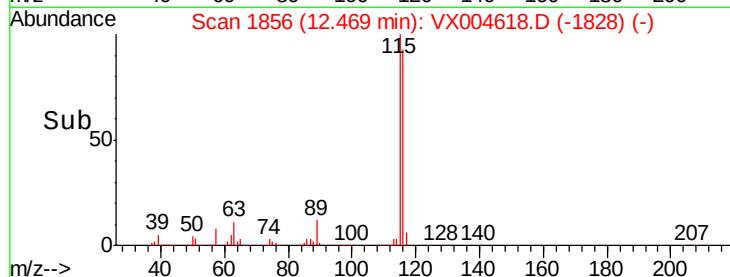
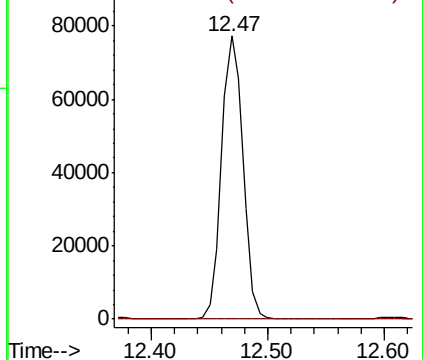
117 100

201 0.0 46.9 140.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 6.50 ug/l

RT: 13.02 min Scan# 1947

Delta R.T. 0.02 min

Lab File: VX004618.D

Acq: 16 Sep 2018 07:05

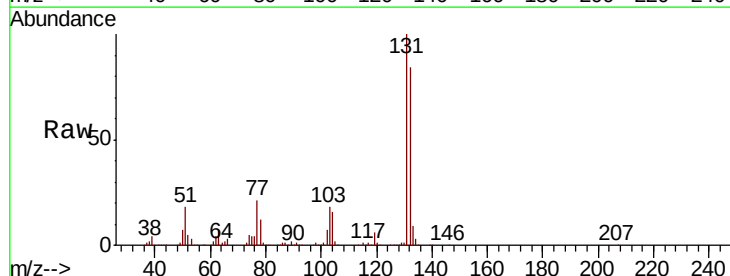
Tgt Ion: 75 Resp: 6936

Ion Ratio Lower Upper

75 100

155 0.0 48.0 144.2#

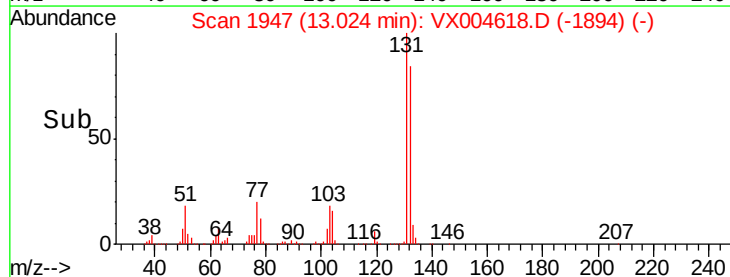
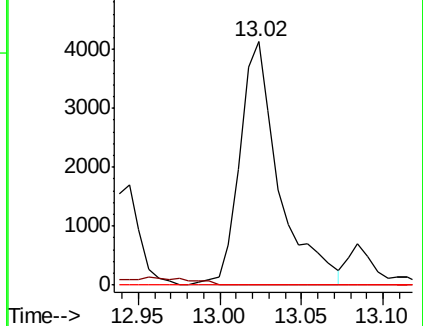
157 0.0 61.4 184.1#

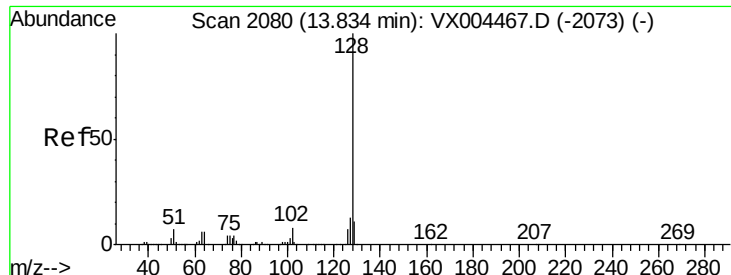


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 455.47 ug/l
RT: 13.84 min Scan# 2081
Delta R.T. 0.01 min
Lab File: VX004618.D
Acq: 16 Sep 2018 07:05

Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF02-COMP-FILLDL

Tot Ion:128 Resp: 7320693
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.2
129 11.9 8.6 12.8

