

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091418\
 Data File : VX004543.D
 Acq On : 14 Sep 2018 16:40
 Operator : JC/MD
 Sample : J4898-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ROLLOFF02-COMP-FILL

Quant Time: Sep 15 04:42:08 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	287663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	405429	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	393812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	243258	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	184157	49.65	ug/l	0.00
Spiked Amount			Recovery	=	99.30%	
35) Dibromofluoromethane	5.50	113	168856	45.51	ug/l	0.00
Spiked Amount			Recovery	=	91.02%	
50) Toluene-d8	8.71	98	593366	47.69	ug/l	0.00
Spiked Amount			Recovery	=	95.38%	
62) 4-Bromofluorobenzene	11.14	95	221805	49.94	ug/l	0.00
Spiked Amount			Recovery	=	99.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	798	Below Cal	#	72
10) Methyl Iodide	2.52	142	535	4.38	ug/l #	86
11) Tert butyl alcohol	3.07	59	715	0.81	ug/l #	65
13) Acrolein	2.29	56	342	0.98	ug/l	98
14) Allyl chloride	2.85	41	60393	9.77	ug/l #	28
16) Acetone	2.45	43	23841	13.17	ug/l	95
18) Methyl Acetate	2.78	43	5425	1.07	ug/l	93
20) Methylene Chloride	2.85	84	1490334	401.30	ug/l	91
25) 2-Butanone	4.71	43	5150	1.79	ug/l	98
29) Tetrahydrofuran	5.18	42	887	0.51	ug/l #	31
36) 1,1-Dichloropropene	5.66	75	18791	3.82	ug/l #	49
38) Carbon Tetrachloride	5.66	117	24921	5.18	ug/l #	15
40) Benzene	6.15	78	2517851	172.41	ug/l	99
41) Methacrylonitrile	5.17	41	754	0.24	ug/l #	41
42) 1,2-Dichloroethane	6.15	62	19360	4.00	ug/l #	72
43) Isopropyl Acetate	6.46	43	147016	19.77	ug/l	100
48) Methyl methacrylate	7.69	41	5552	1.51	ug/l #	20
51) 4-Methyl-2-Pentanone	8.62	43	2096	0.40	ug/l #	34
52) Toluene	8.79	92	1419151	164.93	ug/l	95
53) t-1,3-Dichloropropene	8.79	75	14607	2.98	ug/l #	1
54) cis-1,3-Dichloropropene	8.62	75	1119	0.22	ug/l #	52
55) 1,1,2-Trichloroethane	9.08	97	25746	6.95	ug/l #	19
56) Ethyl methacrylate	9.08	69	1536	0.29	ug/l #	12
67) Ethyl Benzene	10.26	91	473840	29.79	ug/l	99
68) m/p-Xylenes	10.36	106	584836	95.45	ug/l	98
69) o-Xylene	10.70	106	291679	49.52	ug/l	100
70) Styrene	10.71	104	148725	15.24	ug/l #	76
73) Isopropylbenzene	11.02	105	12093	0.75	ug/l	100
76) 1,2,3-Trichloropropane	11.14	75	104104	21.27	ug/l #	37
78) n-propylbenzene	11.36	91	8894	0.48	ug/l #	51
79) 2-Chlorotoluene	11.69	91	10543	0.94	ug/l	78
80) 1,3,5-Trimethylbenzene	11.51	105	148477	11.02	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	104104	67.80	ug/l #	10
82) 4-Chlorotoluene	11.51	91	14509	1.11	ug/l #	44

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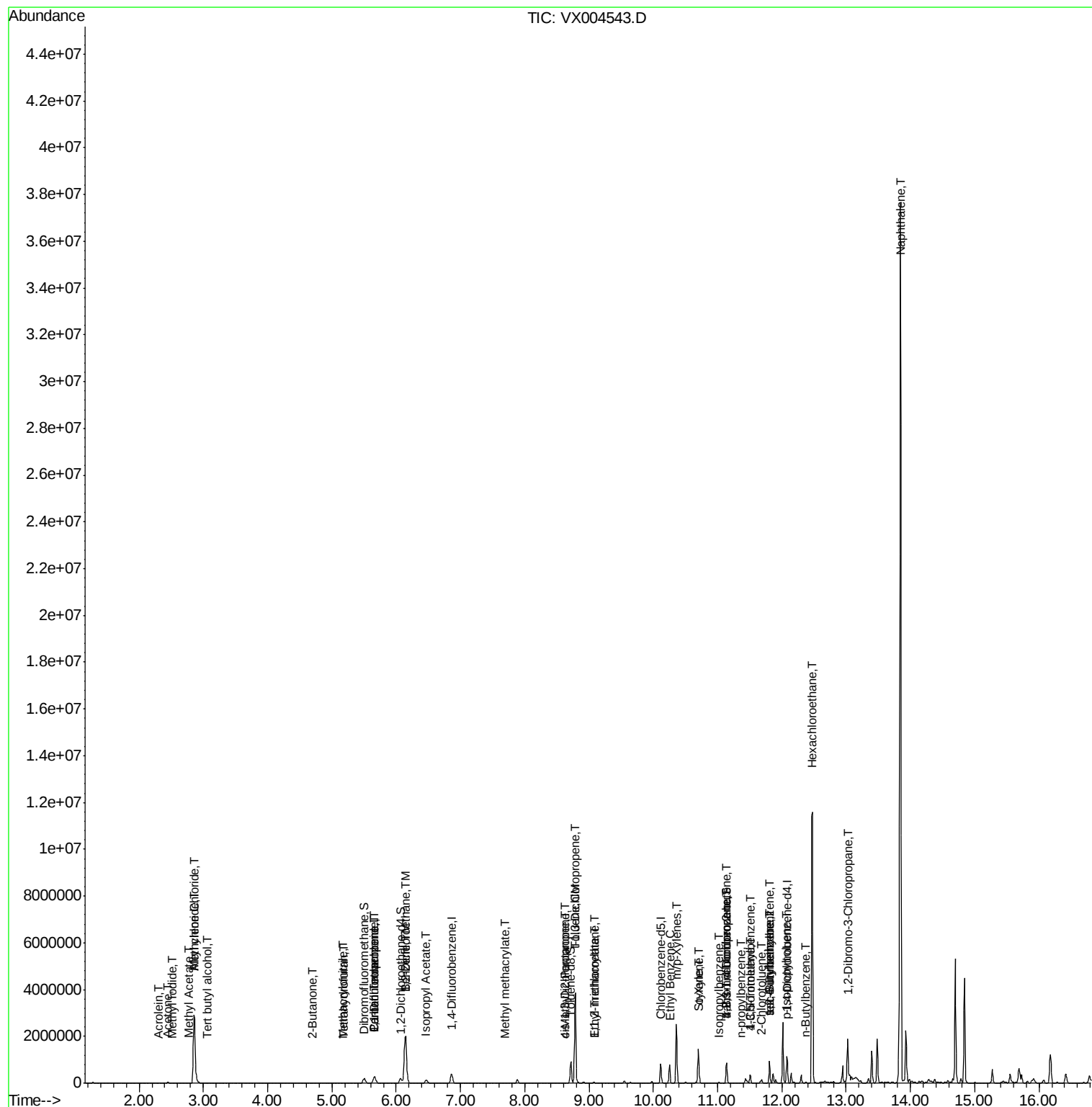
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	11.81	119	52695	4.11	ug/l #	60
84) 1,2,4-Trimethylbenzene	11.81	105	418534	30.44	ug/l	99
85) sec-Butylbenzene	11.81	105	418534	25.62	ug/l #	55
86) p-Isopropyltoluene	12.07	119	7546	0.52	ug/l #	80
89) n-Butylbenzene	12.38	91	6202	0.47	ug/l #	12
90) Hexachloroethane	12.47	117	477179	206.58	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	13.02	75	30509	27.65	ug/l #	1
95) Naphthalene	13.83	128	17159167	1033.24	ug/l #	70

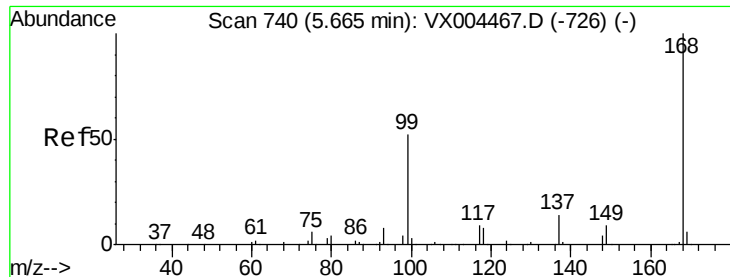
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX004543.D

Acq: 14 Sep 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

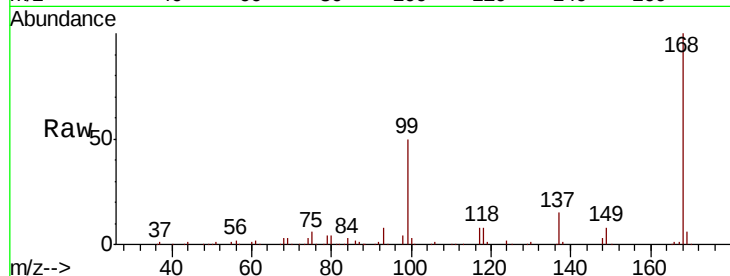
ROLLOFF02-COMP-FILL

Tot Ion:168 Resp: 287663

Ion Ratio Lower Upper

168 100

99 50.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

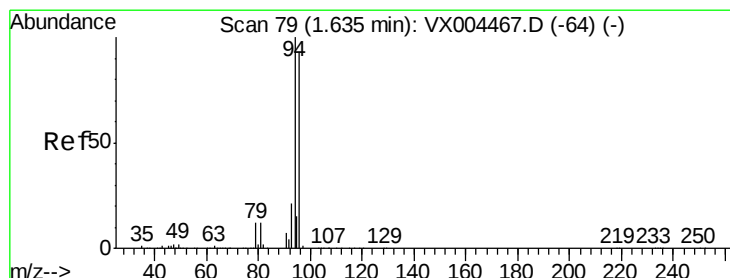
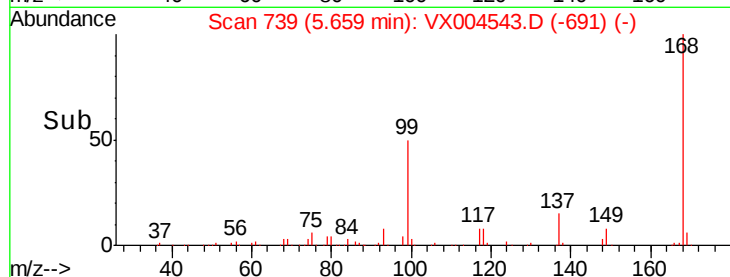
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX004543.D

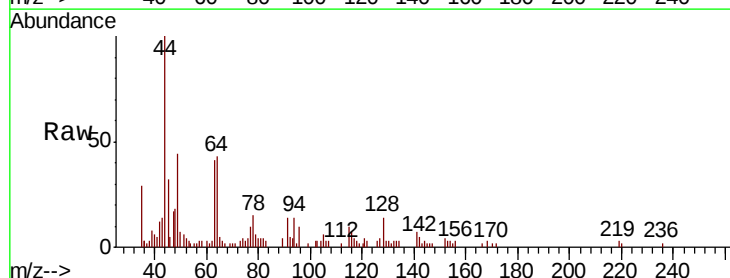
Acq: 14 Sep 2018 16:40

Tgt Ion: 94 Resp: 798

Ion Ratio Lower Upper

94 100

96 66.4 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

500

400

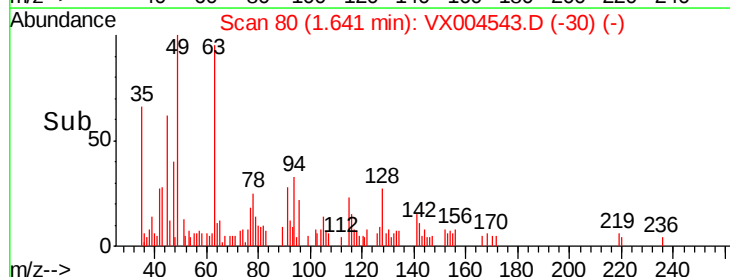
300

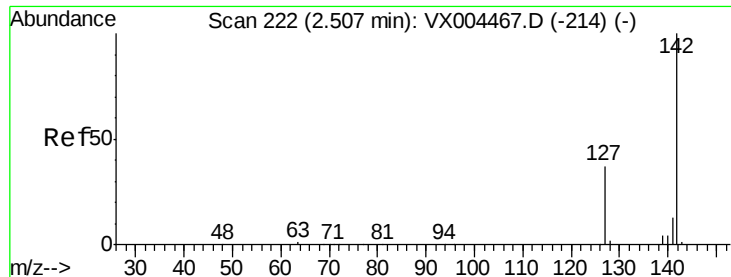
200

100

0

Time--> 1.60 1.65 1.70

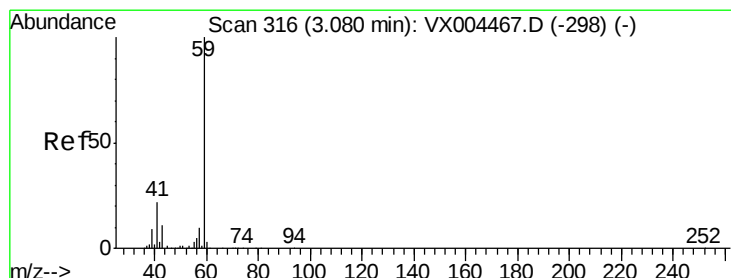
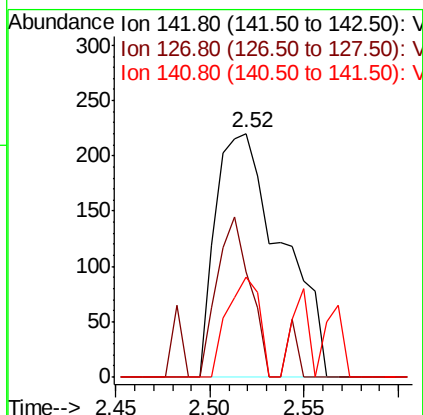
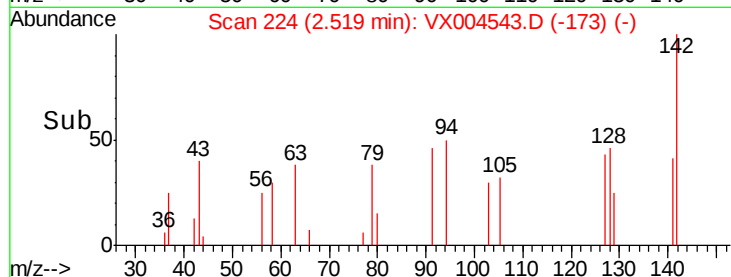
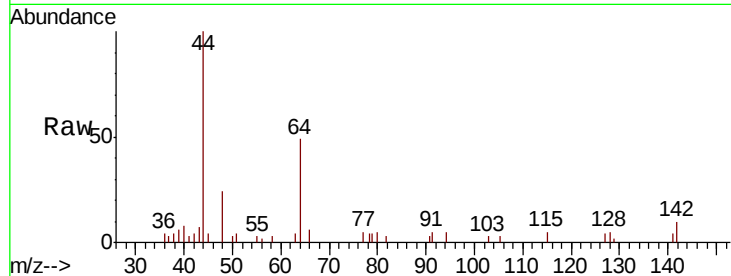




#10
Methyl Iodide
Concen: 4.38 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX004543.D
Acq: 14 Sep 2018 16:40

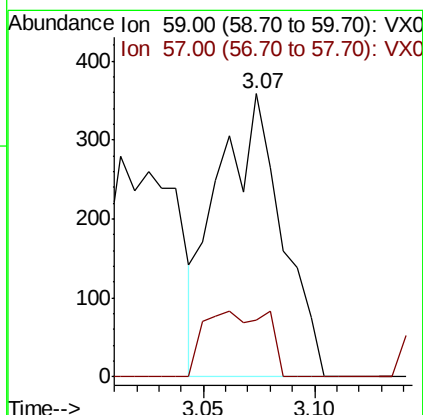
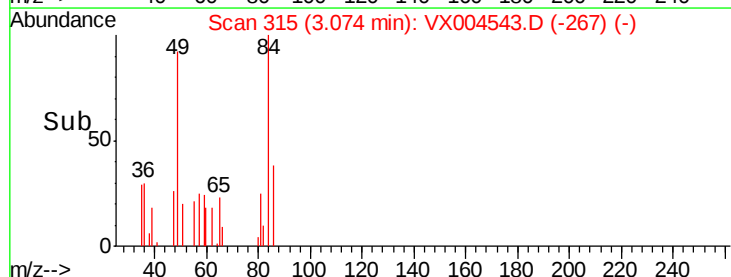
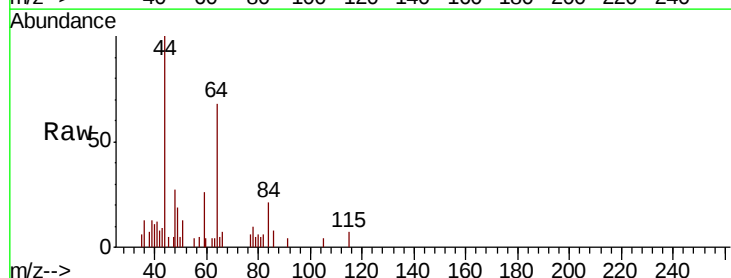
Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF02-COMP-FILL

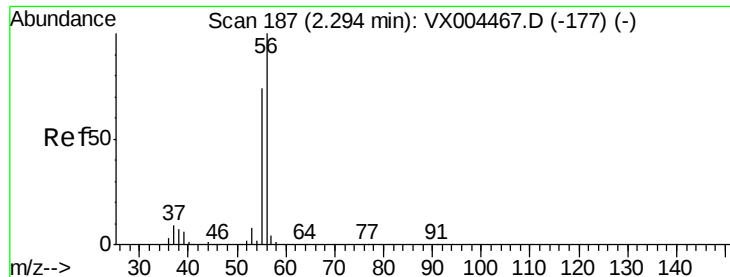
Tot Ion:142 Resp: 535
Ion Ratio Lower Upper
142 100
127 33.1 33.8 50.6#
141 19.8 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.81 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004543.D
Acq: 14 Sep 2018 16:40

Tgt Ion: 59 Resp: 715
Ion Ratio Lower Upper
59 100
57 23.2 8.2 12.4#





#13

Acrolein

Concen: 0.98 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004543.D

Acq: 14 Sep 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

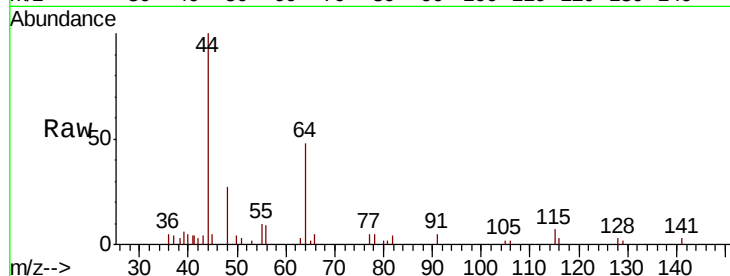
ROLLOFF02-COMP-FILL

Tot Ion: 56 Resp: 342

Ion Ratio Lower Upper

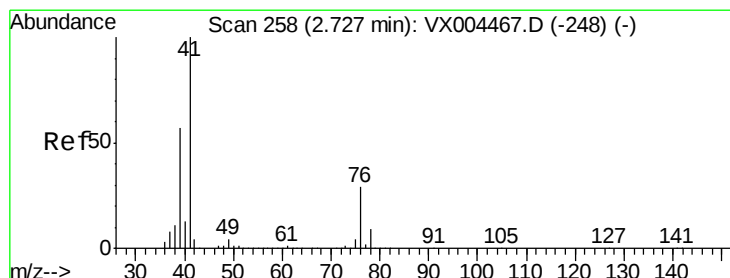
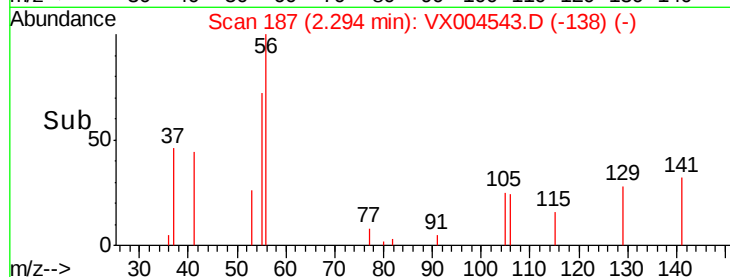
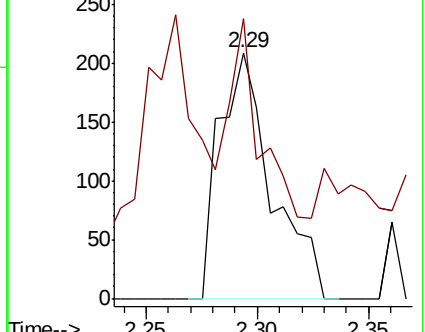
56 100

55 70.2 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 9.77 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.13 min

Lab File: VX004543.D

Acq: 14 Sep 2018 16:40

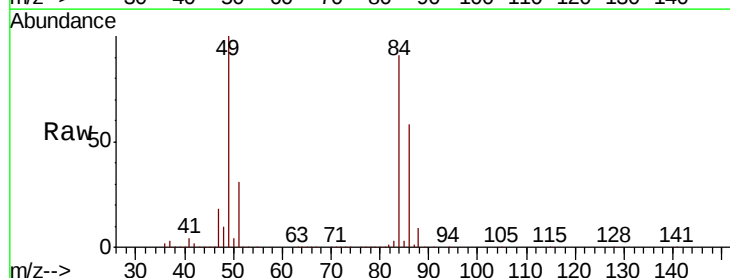
Tgt Ion: 41 Resp: 60393

Ion Ratio Lower Upper

41 100

39 0.8 48.9 73.3#

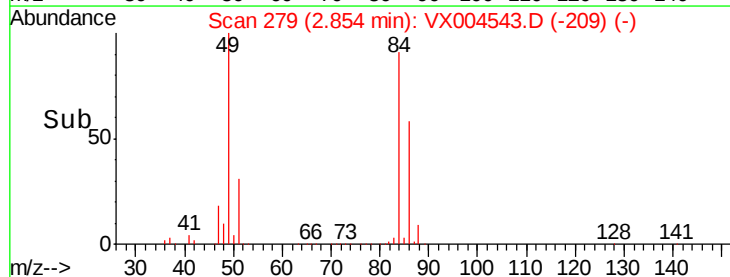
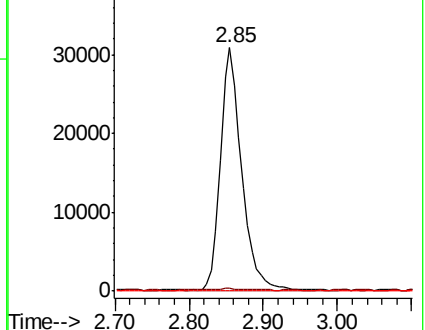
76 0.1 26.7 40.1#

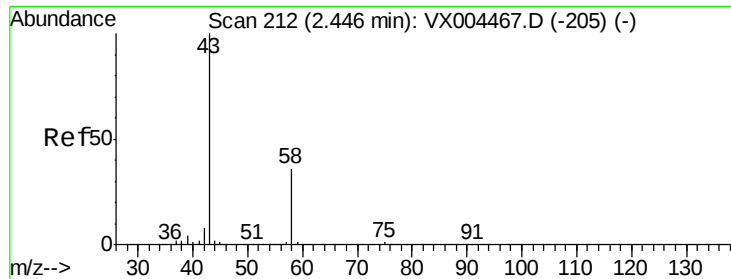


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

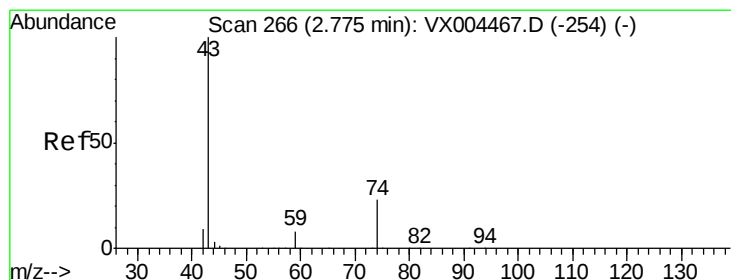
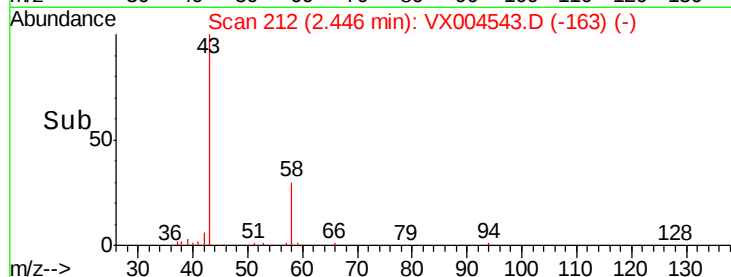
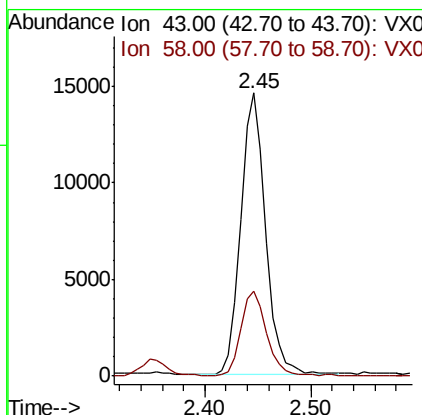
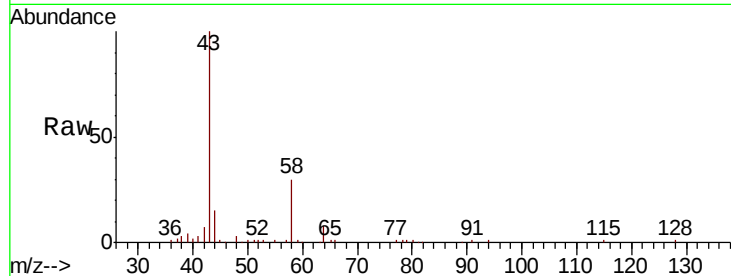




#16
Acetone
Concen: 13.17 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX004543.D
Acq: 14 Sep 2018 16:40

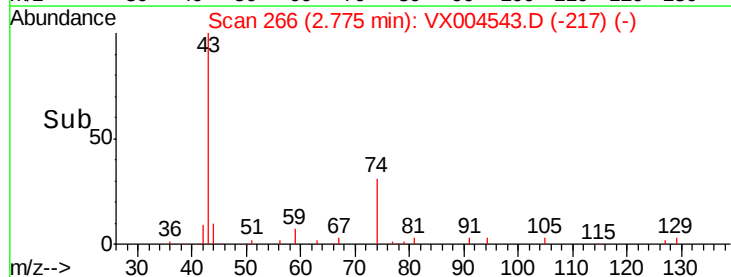
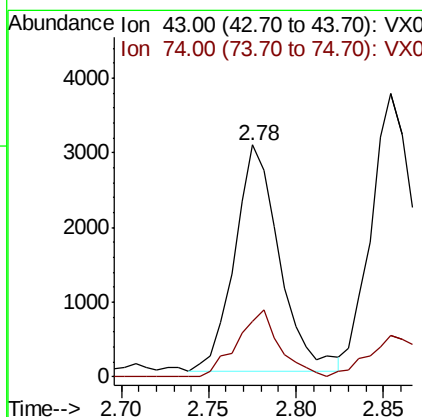
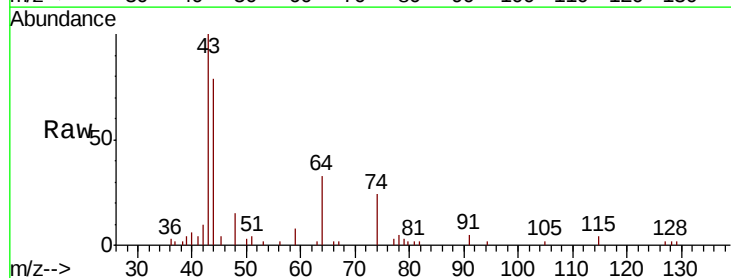
Instrument :
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ROLLOFF02-COMP-FILL

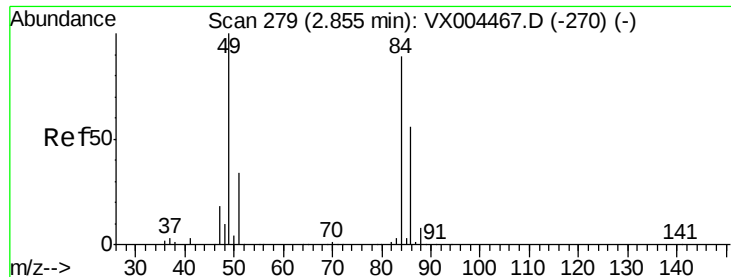
Tot Ion: 43 Resp: 23841
Ion Ratio Lower Upper
43 100
58 30.1 26.2 39.4



#18
Methyl Acetate
Concen: 1.07 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004543.D
Acq: 14 Sep 2018 16:40

Tgt Ion: 43 Resp: 5425
Ion Ratio Lower Upper
43 100
74 27.6 19.4 29.2



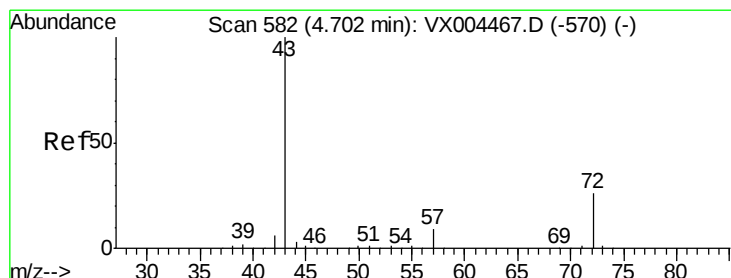
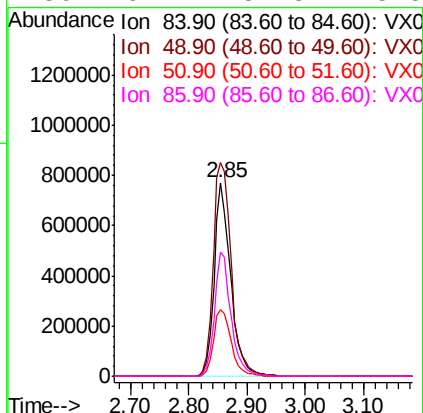
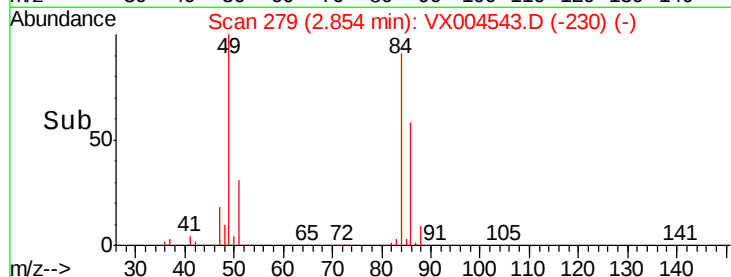
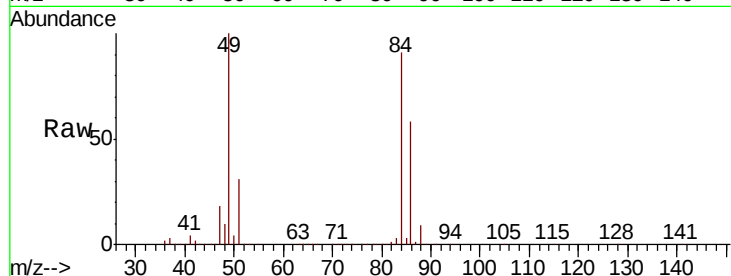


#20
Methvlene Chloride
Concen: 401.30 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004543.D
Acq: 14 Sep 2018 16:40

Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF02-COMP-FILL

Tot Ion: 84 Resp: 1490334

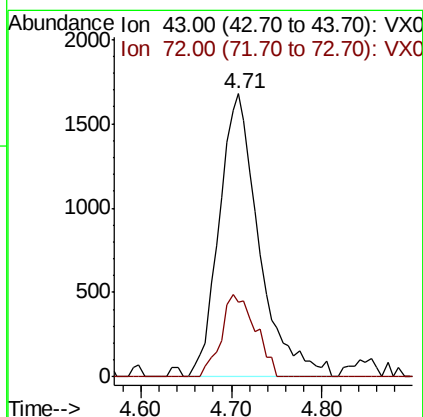
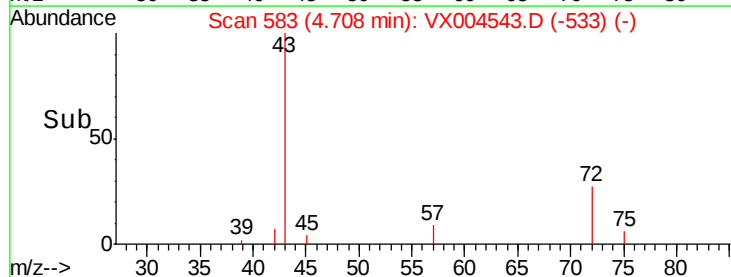
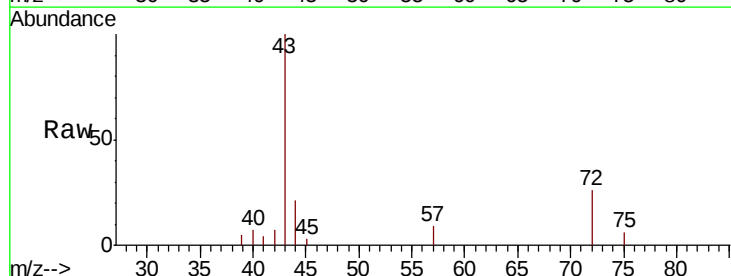
Ion	Ratio	Lower	Upper
84	100		
49	110.2	101.2	151.8
51	34.1	29.5	44.3
86	64.2	52.3	78.5

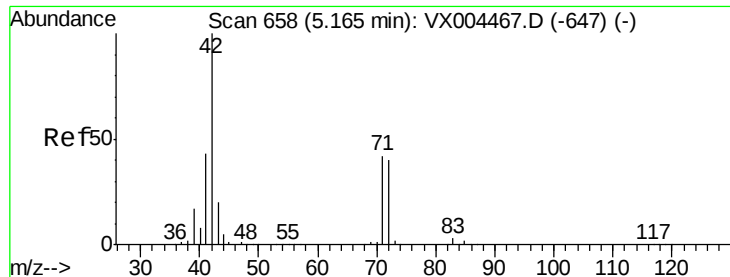


#25
2-Butanone
Concen: 1.79 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX004543.D
Acq: 14 Sep 2018 16:40

Tgt Ion: 43 Resp: 5150

Ion	Ratio	Lower	Upper
43	100		
72	26.3	22.0	33.0





#29

Tetrahydrofuran

Concen: 0.51 ug/l

RT: 5.18 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX004543.D

Acq: 14 Sep 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

ROLLOFF02-COMP-FILL

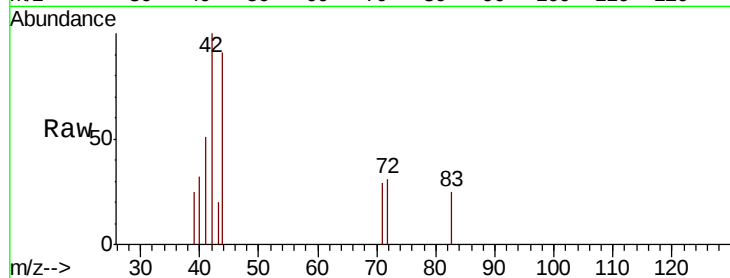
Tot Ion: 42 Resp: 887

Ion Ratio Lower Upper

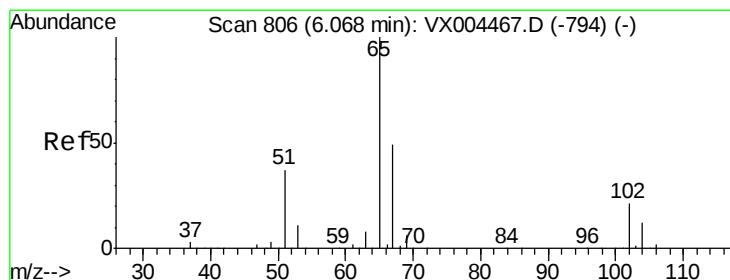
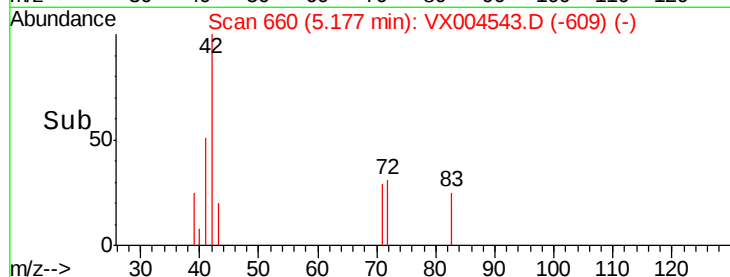
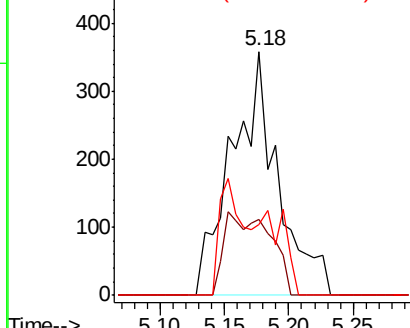
42 100

72 0.0 37.4 56.0#

71 0.0 34.5 51.7#



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



#33

1,2-Dichloroethane-d4

Concen: 49.65 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004543.D

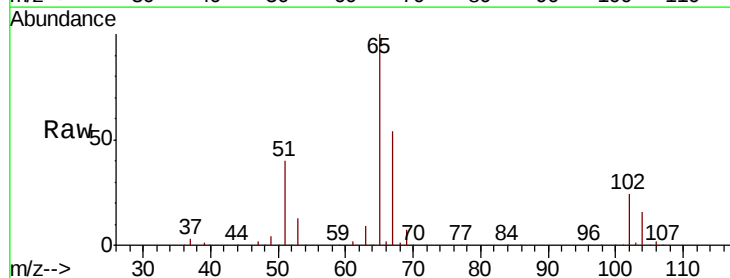
Acq: 14 Sep 2018 16:40

Tgt Ion: 65 Resp: 184157

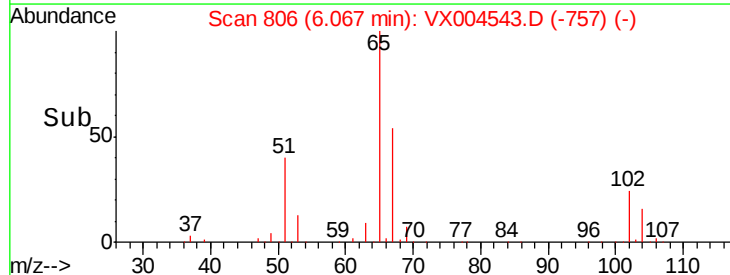
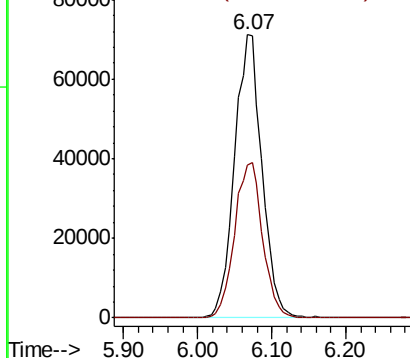
Ion Ratio Lower Upper

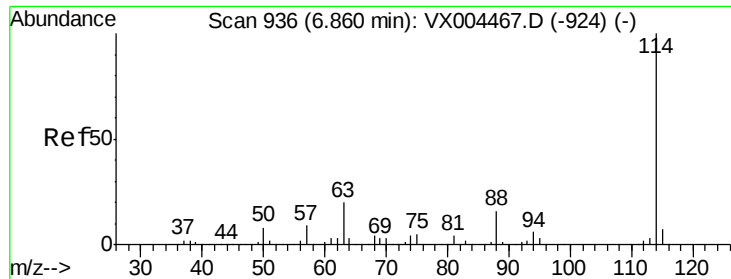
65 100

67 55.9 0.0 106.8



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

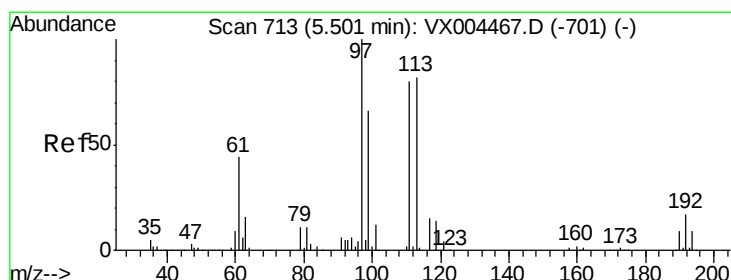
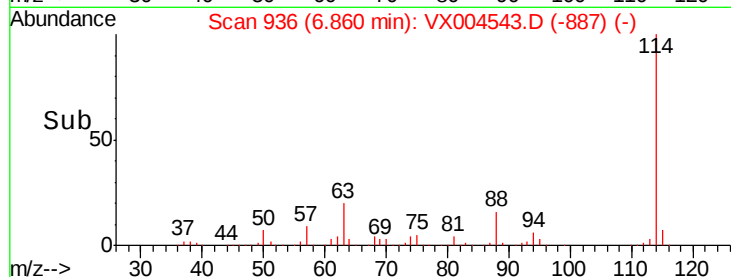
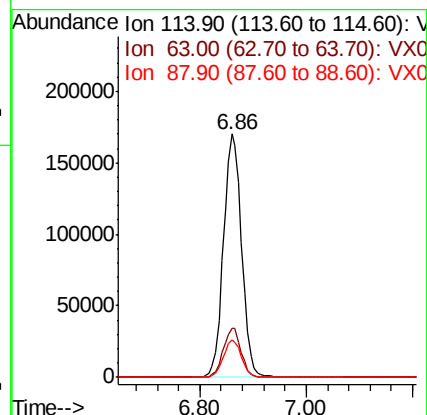
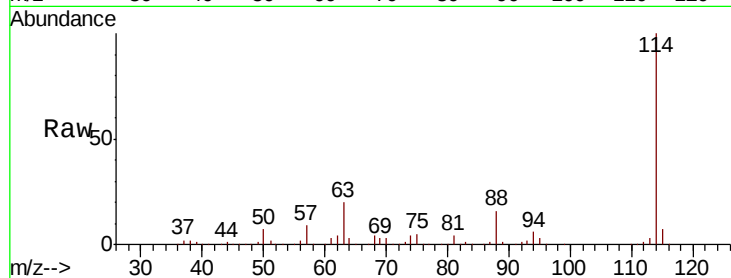




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004543.D
 Acq: 14 Sep 2018 16:40

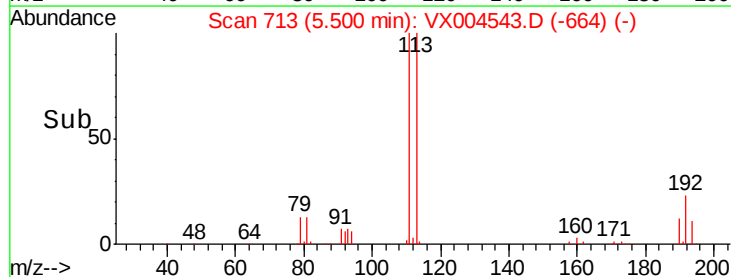
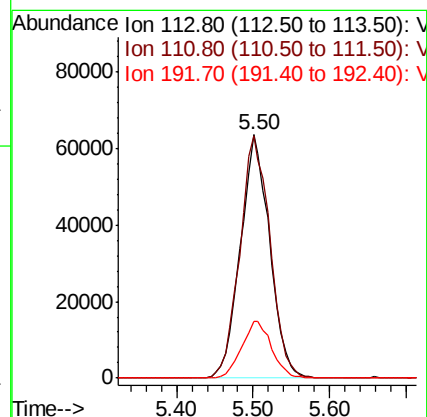
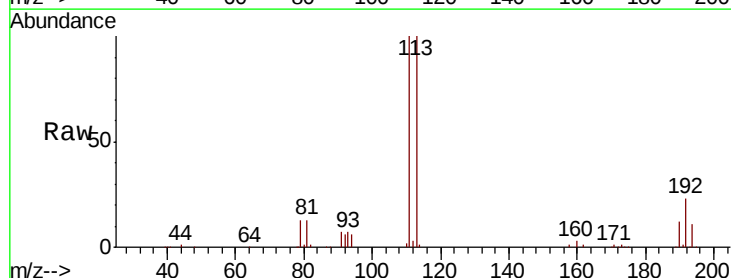
Instrument :
 MSVOA_X
 ClientSampleId :
 ROLLOFF02-COMP-FILL

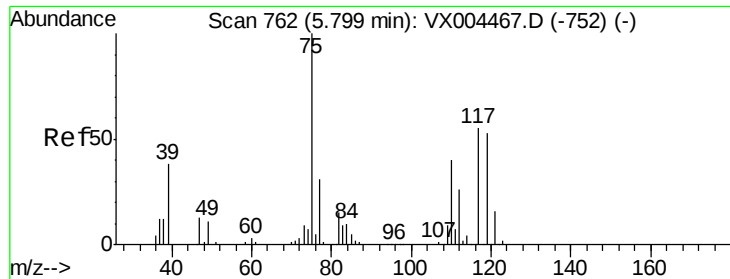
Tot Ion:114 Resp: 405429
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.0
 88 15.5 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 45.51 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004543.D
 Acq: 14 Sep 2018 16:40

Tgt Ion:113 Resp: 168856
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.4 123.6
 192 23.9 19.4 29.2

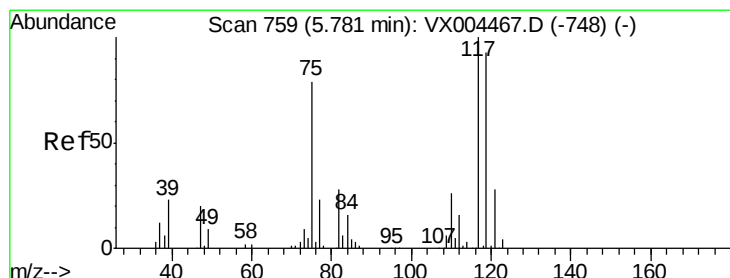
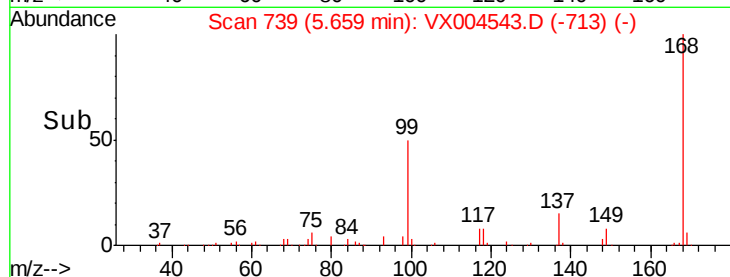
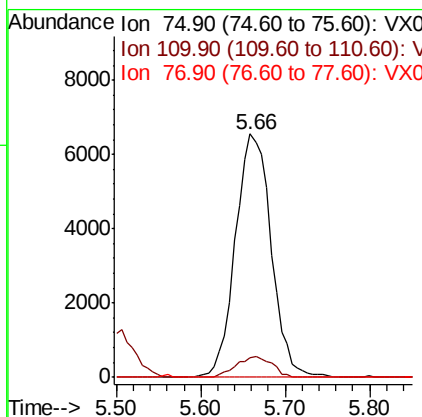
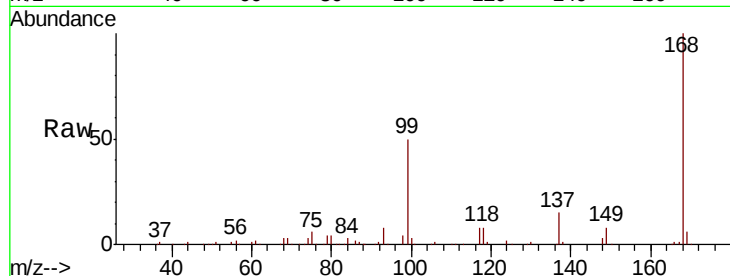




#36
 1,1-Dichloropropene
 Concen: 3.82 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX004543.D
 Acq: 14 Sep 2018 16:40

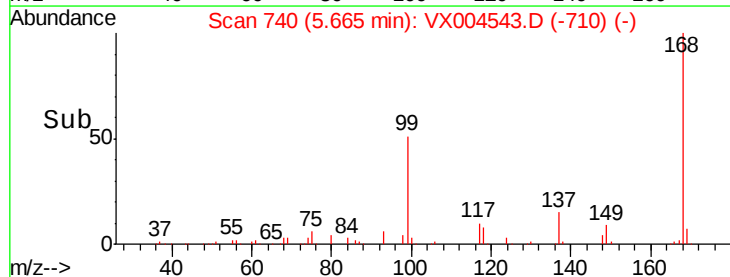
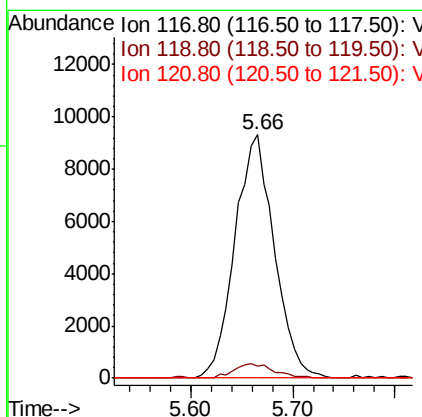
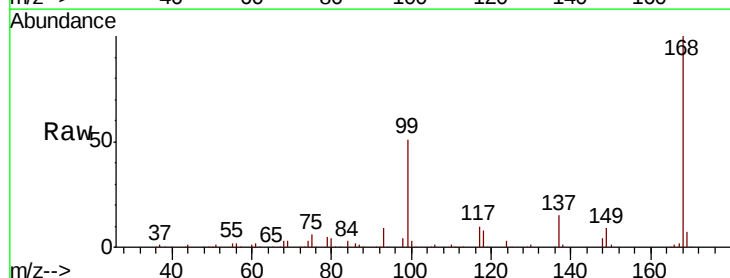
Instrument :
 MSVOA_X
 ClientSampleId :
 ROLLOFF02-COMP-FILL

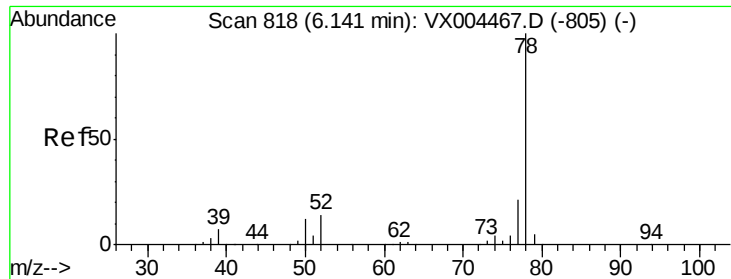
Tot Ion: 75 Resp: 18791
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.0 54.0#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 5.18 ug/l
 RT: 5.66 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX004543.D
 Acq: 14 Sep 2018 16:40

Tgt Ion:117 Resp: 24921
 Ion Ratio Lower Upper
 117 100
 119 4.9 78.8 118.2#
 121 0.0 24.9 37.3#





#40

Benzene

Concen: 172.41 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX004543.D

Acq: 14 Sep 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

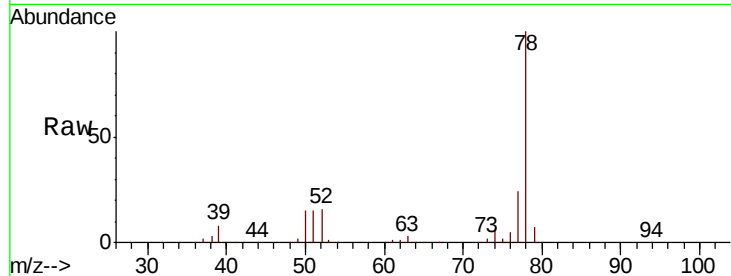
ROLLOFF02-COMP-FILL

Tot Ion: 78 Resp: 2517851

Ion Ratio Lower Upper

78 100

77 24.1 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

1000000

800000

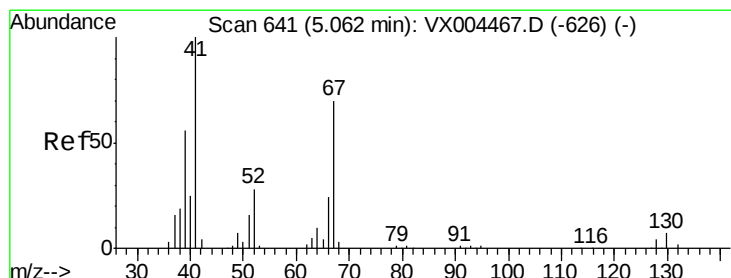
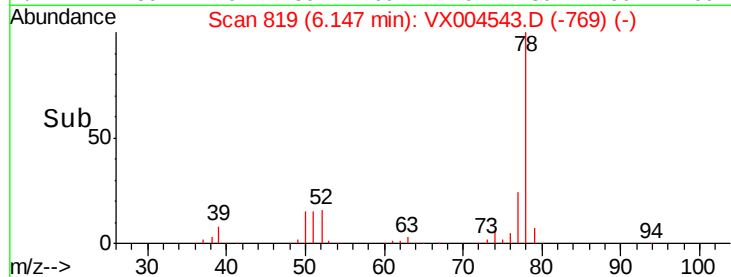
600000

400000

200000

0

Time-->



#41

Methacrylonitrile

Concen: 0.24 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.10 min

Lab File: VX004543.D

Acq: 14 Sep 2018 16:40

Tgt Ion: 41 Resp: 754

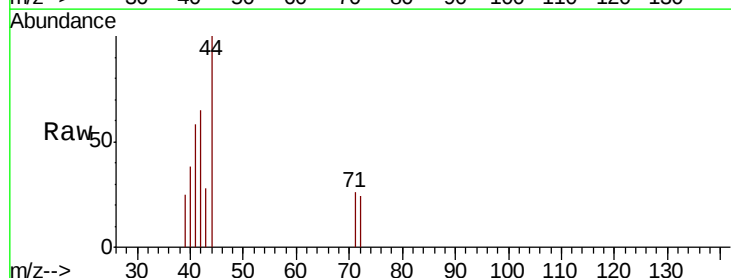
Ion Ratio Lower Upper

41 100

39 37.8 42.4 63.6#

67 0.0 59.2 88.8#

52 0.0 23.0 34.4#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

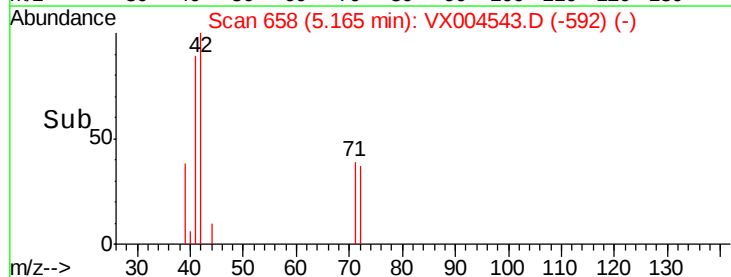
300

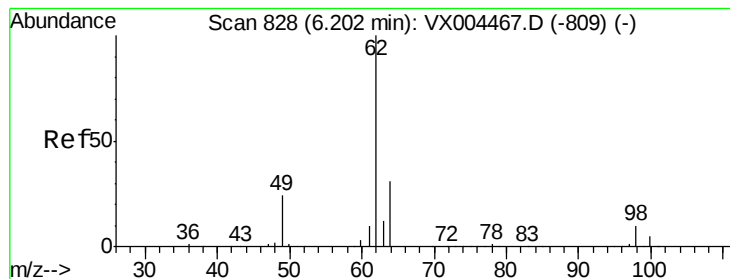
200

100

0

Time-->





#42

1,2-Dichloroethane

Concen: 4.00 ug/l

RT: 6.15 min Scan# 819

Delta R.T. -0.06 min

Lab File: VX004543.D

Acq: 14 Sep 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

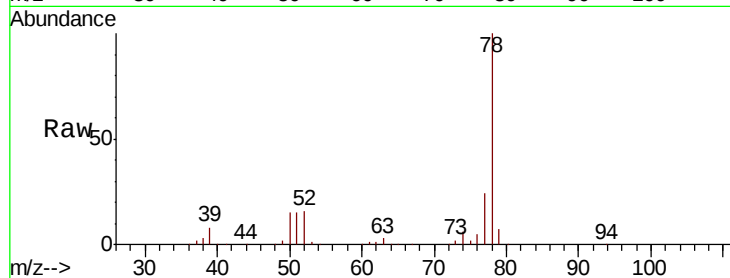
ROLLOFF02-COMP-FILL

Tot Ion: 62 Resp: 19360

Ion Ratio Lower Upper

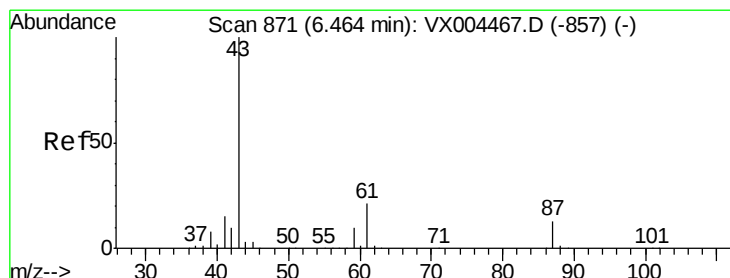
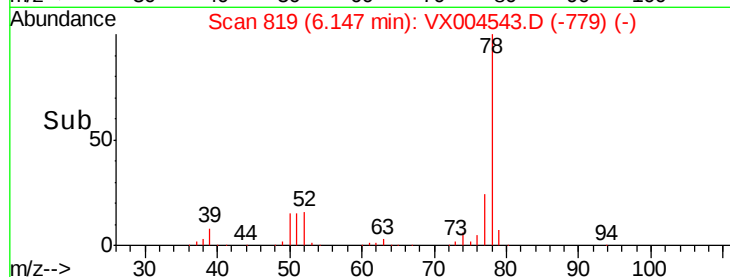
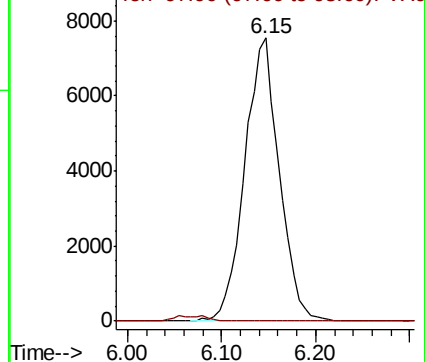
62 100

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: 19.77 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX004543.D

Acq: 14 Sep 2018 16:40

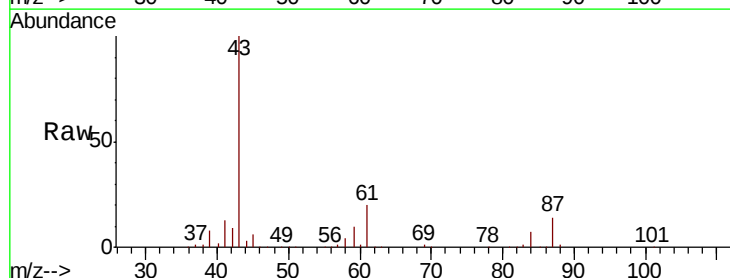
Tgt Ion: 43 Resp: 147016

Ion Ratio Lower Upper

43 100

61 21.3 17.0 25.4

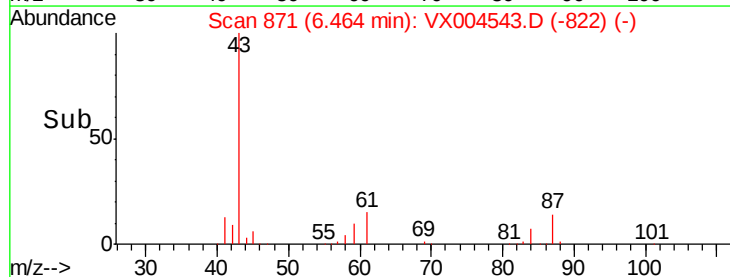
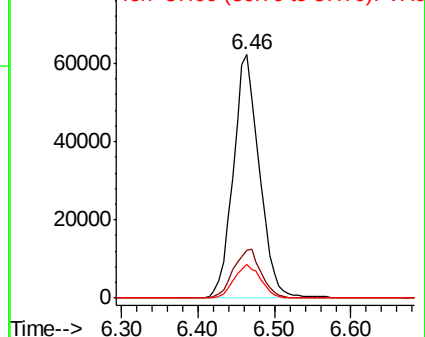
87 14.1 11.4 17.2

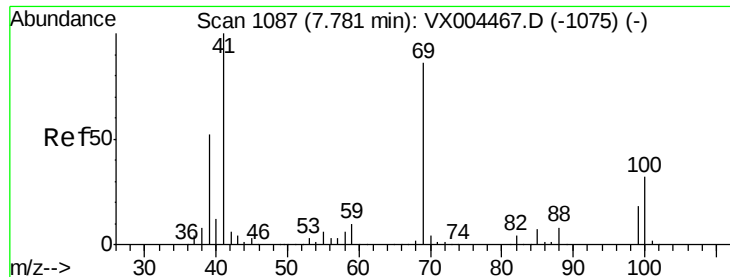


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

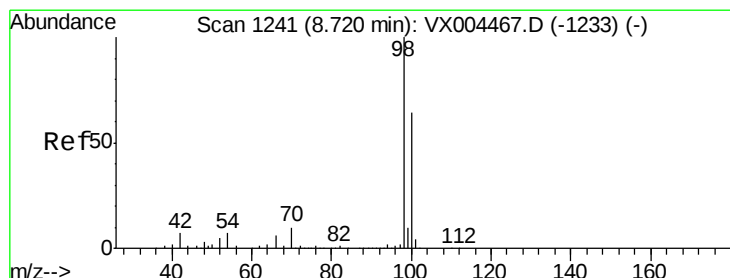
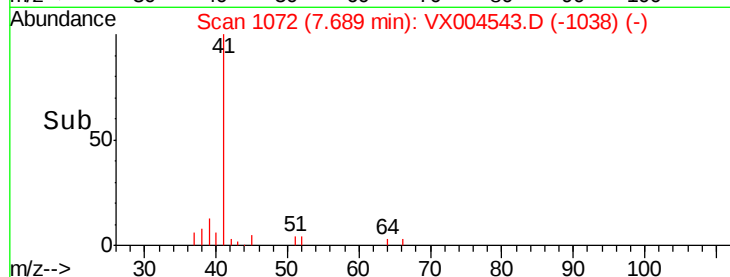
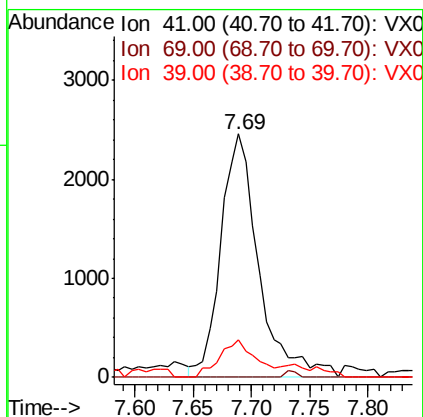
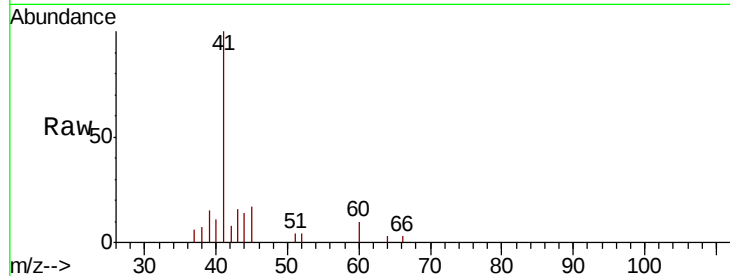




#48
Methvl methacrylate
Concen: 1.51 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.09 min
Lab File: VX004543.D
Acq: 14 Sep 2018 16:40

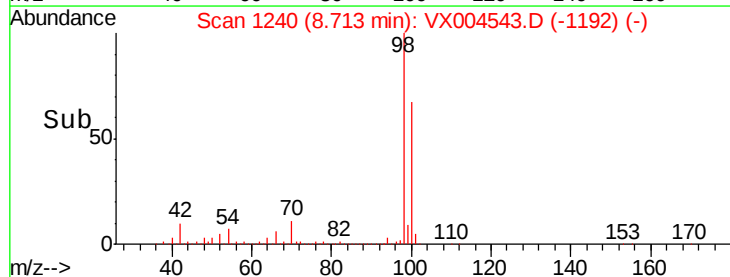
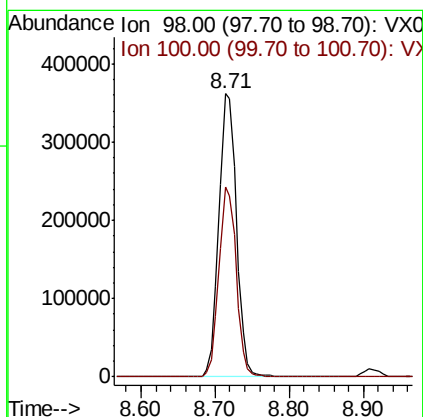
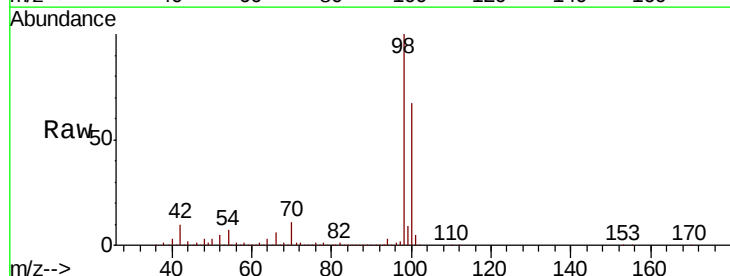
Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF02-COMP-FILL

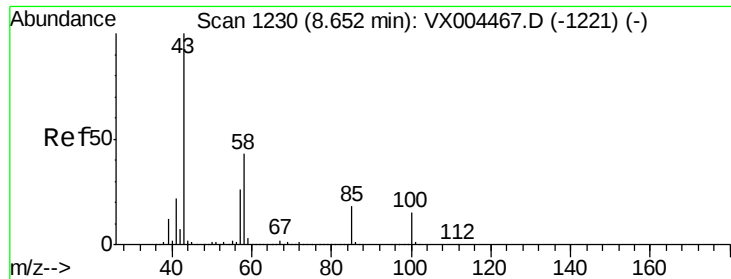
Tot Ion: 41 Resp: 5552
Ion Ratio Lower Upper
41 100
69 0.0 70.2 105.4#
39 14.3 42.7 64.1#



#50
Toluene-d8
Concen: 47.69 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004543.D
Acq: 14 Sep 2018 16:40

Tgt Ion: 98 Resp: 593366
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 0.40 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. -0.03 min

Lab File: VX004543.D

Acq: 14 Sep 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

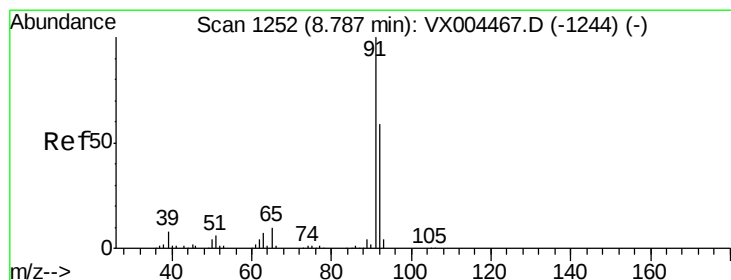
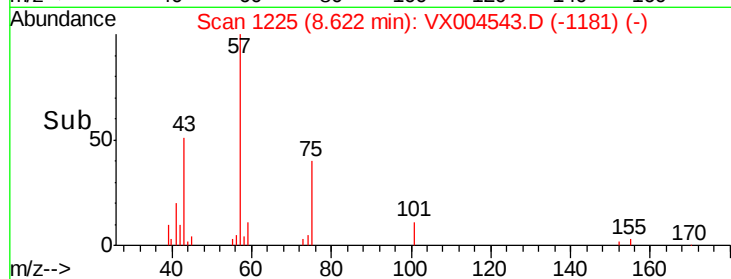
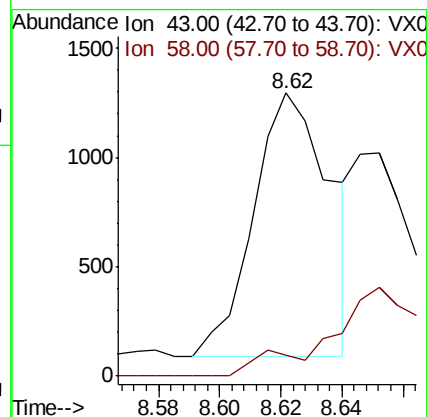
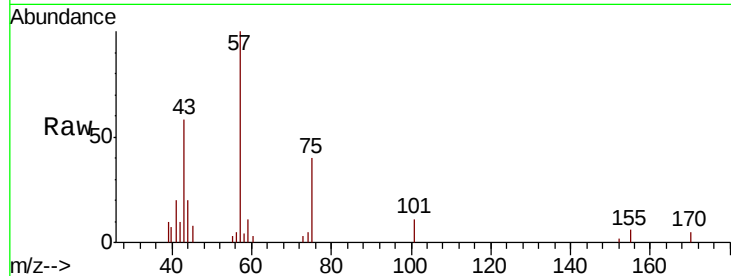
ROLLOFF02-COMP-FILL

Tot Ion: 43 Resp: 2096

Ion Ratio Lower Upper

43 100

58 0.0 33.1 49.7#



#52

Toluene

Concen: 164.93 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004543.D

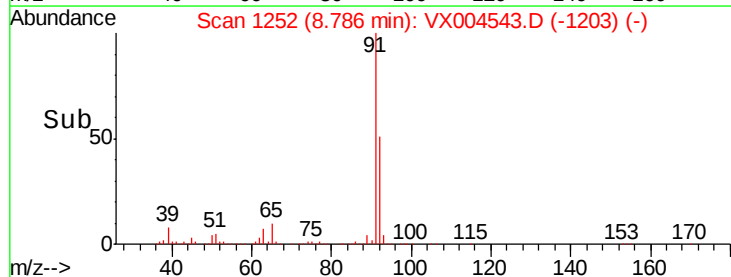
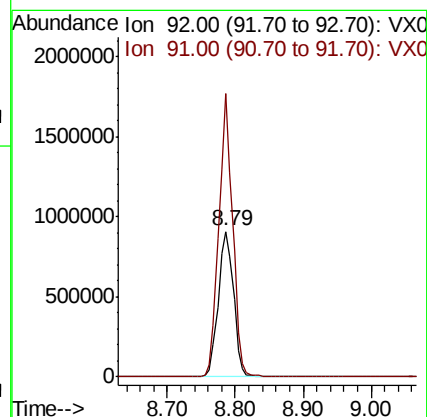
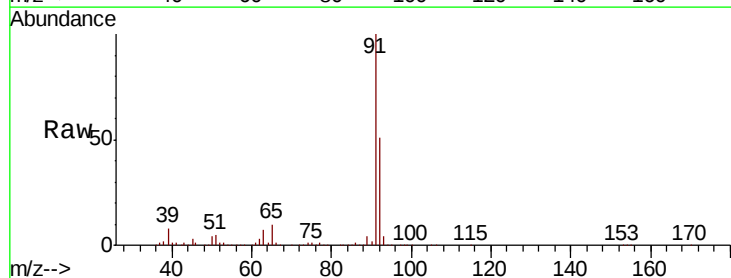
Acq: 14 Sep 2018 16:40

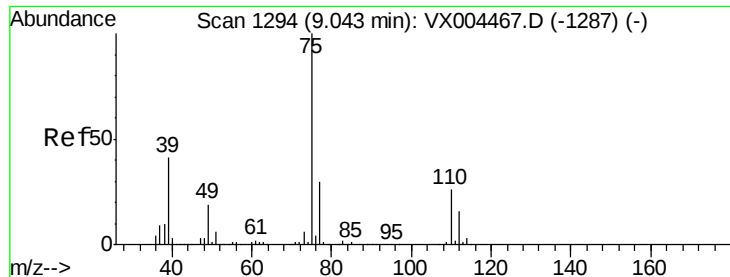
Tgt Ion: 92 Resp: 1419151

Ion Ratio Lower Upper

92 100

91 177.2 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 2.98 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.26 min

Lab File: VX004543.D

Acq: 14 Sep 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

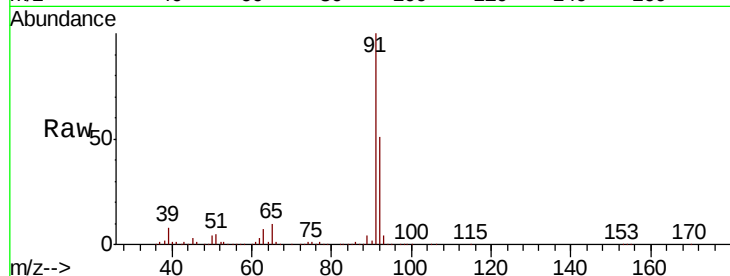
ROLLOFF02-COMP-FILL

Tot Ion: 75 Resp: 14607

Ion Ratio Lower Upper

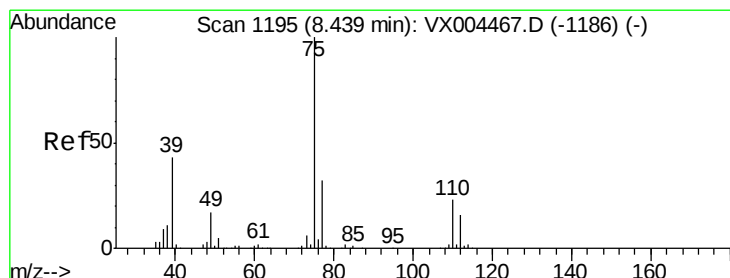
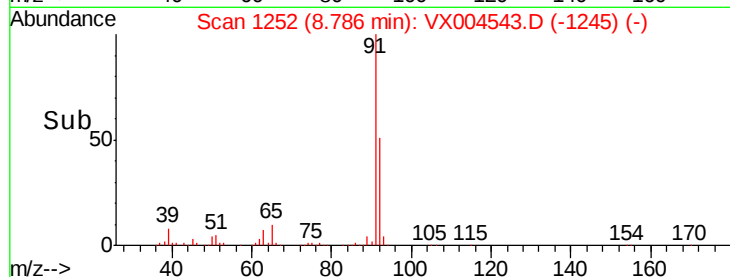
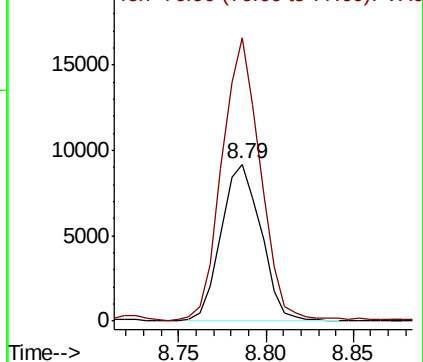
75 100

77 178.3 24.6 37.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 0.22 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. 0.18 min

Lab File: VX004543.D

Acq: 14 Sep 2018 16:40

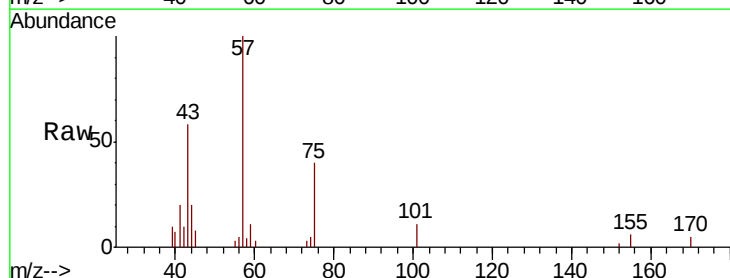
Tgt Ion: 75 Resp: 1119

Ion Ratio Lower Upper

75 100

77 0.0 26.2 39.2#

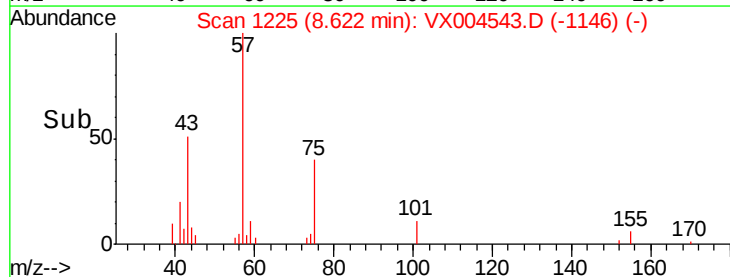
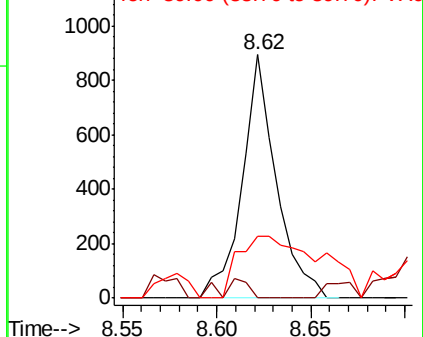
39 18.5 36.4 54.6#

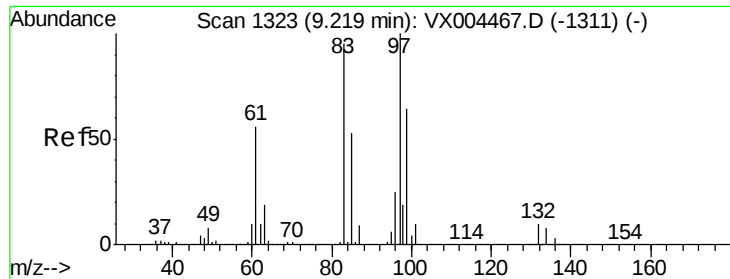


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

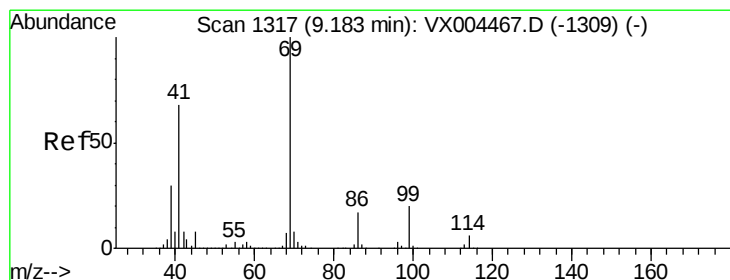
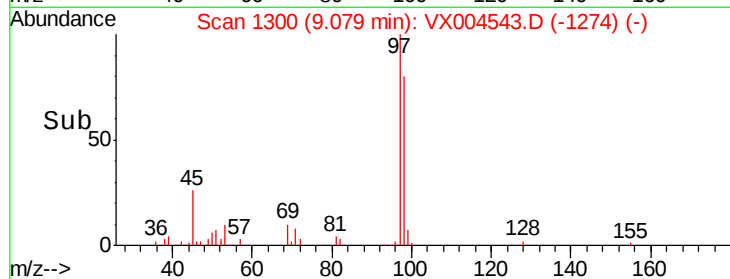
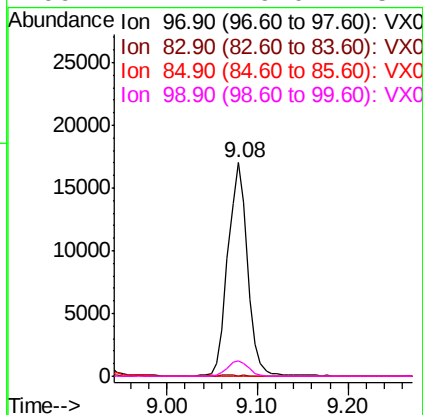
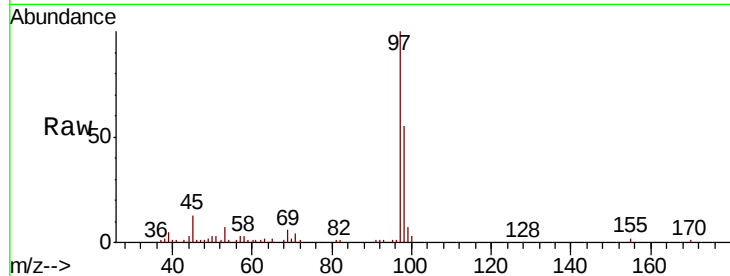




#55
 1,1,2-Trichloroethane
 Concen: 6.95 ug/l
 RT: 9.08 min Scan# 1300
 Delta R.T. -0.14 min
 Lab File: VX004543.D
 Acq: 14 Sep 2018 16:40

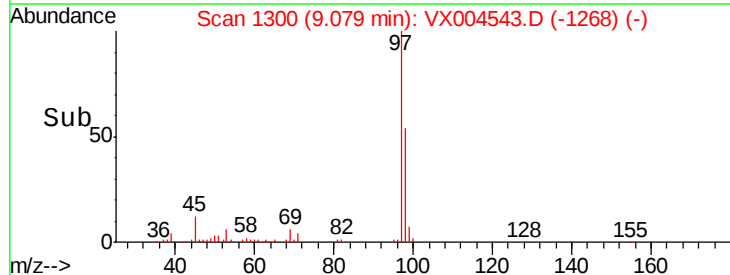
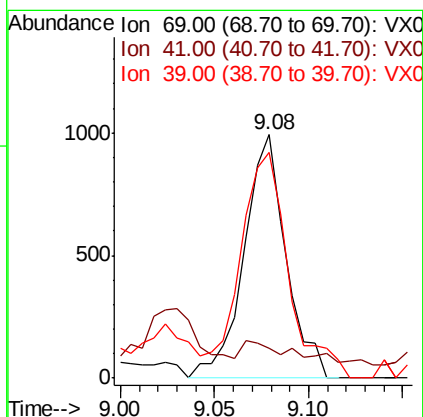
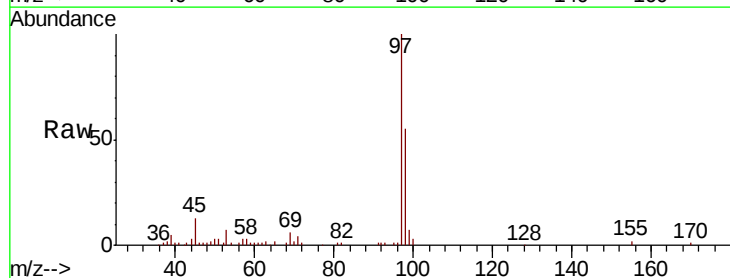
Instrument :
 MSVOA_X
 ClientSampleId :
 ROLLOFF02-COMP-FILL

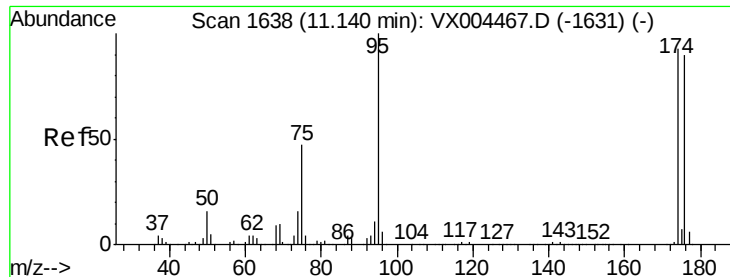
Tot Ion	Ratio	Lower	Upper
97	100		
83	0.0	66.4	99.6#
85	0.0	43.3	64.9#
99	7.1	49.0	73.4#



#56
 Ethyl methacrylate
 Concen: 0.29 ug/l
 RT: 9.08 min Scan# 1300
 Delta R.T. -0.10 min
 Lab File: VX004543.D
 Acq: 14 Sep 2018 16:40

Tgt Ion	Ratio	Lower	Upper
69	100		
41	13.1	51.0	76.4#
39	106.8	26.1	39.1#

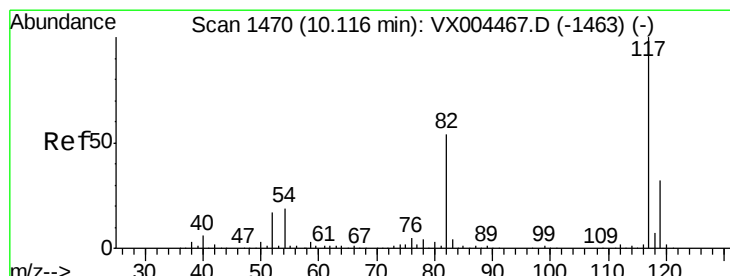
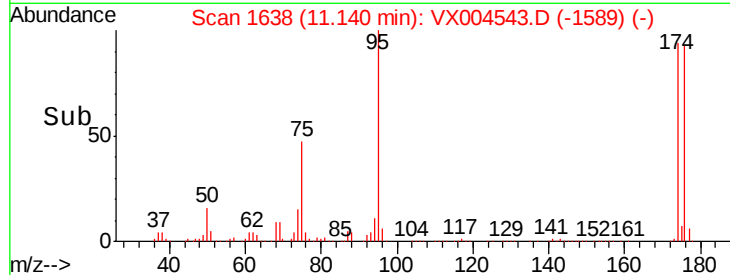
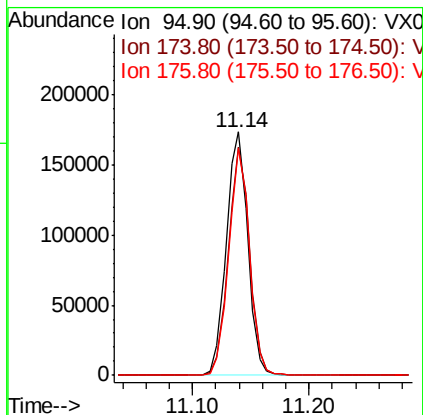
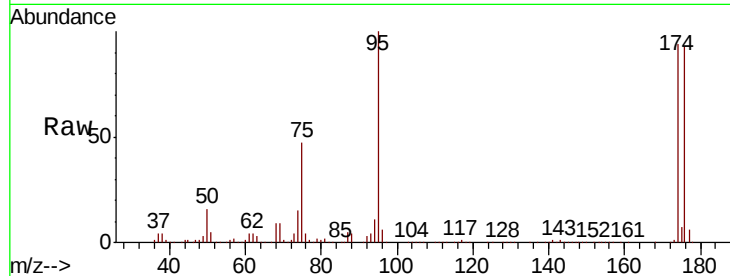




#62
4-Bromofluorobenzene
Concen: 49.94 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004543.D
Acq: 14 Sep 2018 16:40

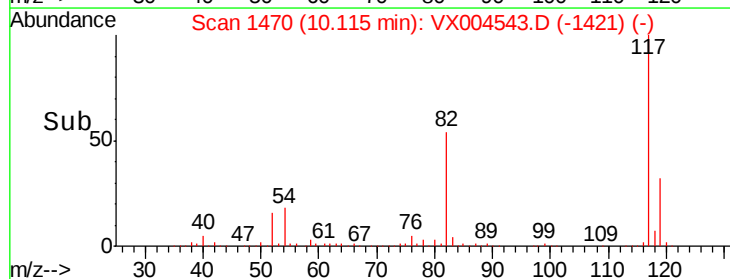
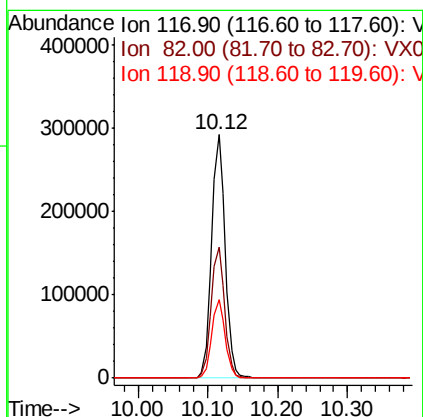
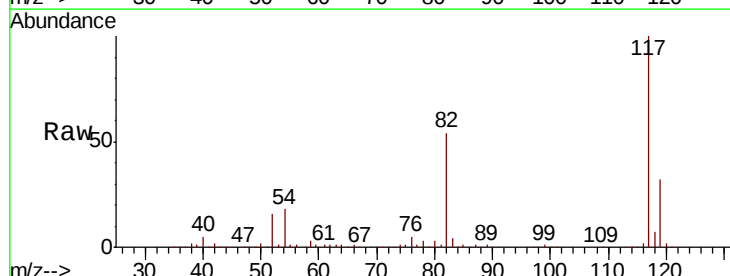
Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF02-COMP-FILL

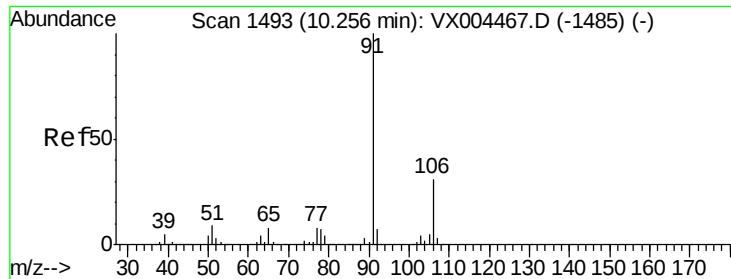
Tot Ion: 95 Resp: 221805
Ion Ratio Lower Upper
95 100
174 92.8 0.0 185.2
176 90.3 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004543.D
Acq: 14 Sep 2018 16:40

Tgt Ion: 117 Resp: 393812
Ion Ratio Lower Upper
117 100
82 54.0 47.8 71.6
119 32.1 29.3 43.9

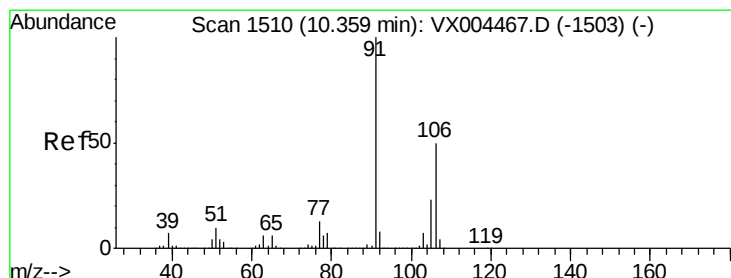
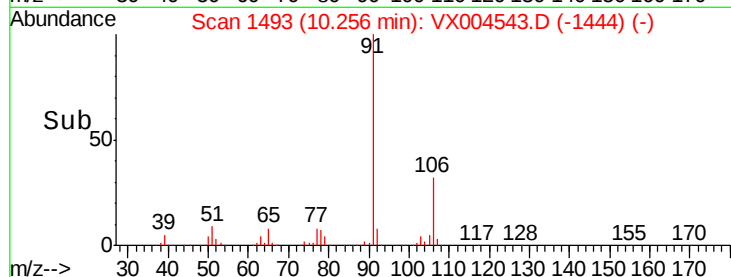
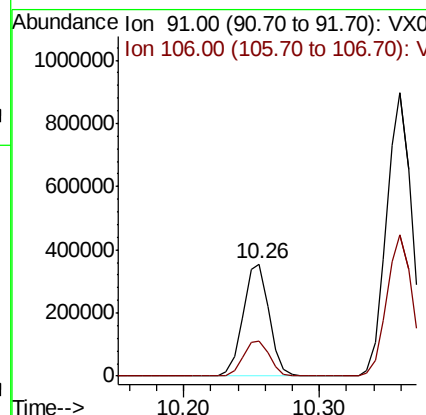
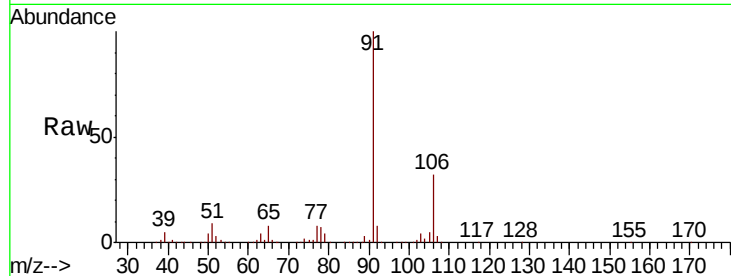




#67
Ethyl Benzene
Concen: 29.79 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004543.D
Acq: 14 Sep 2018 16:40

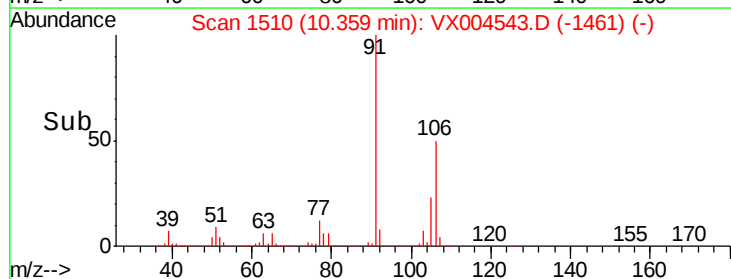
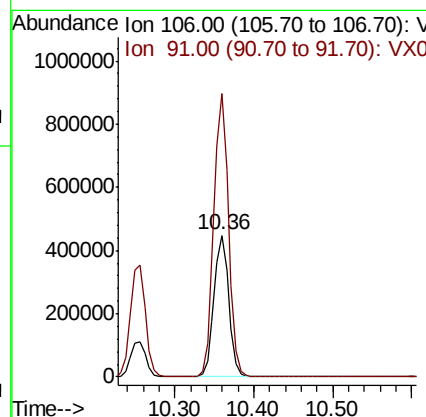
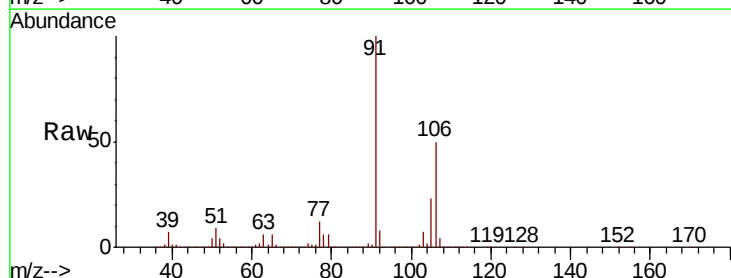
Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF02-COMP-FILL

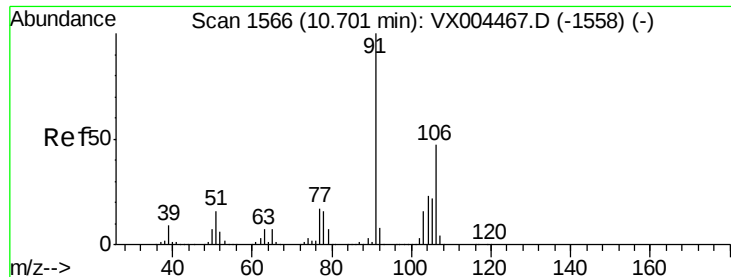
Tot Ion: 91 Resp: 473840
Ion Ratio Lower Upper
91 100
106 31.6 25.9 38.9



#68
m/p-Xylenes
Concen: 95.45 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004543.D
Acq: 14 Sep 2018 16:40

Tgt Ion: 106 Resp: 584836
Ion Ratio Lower Upper
106 100
91 199.7 157.1 235.7

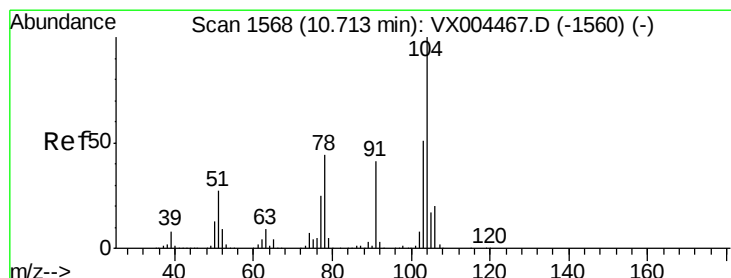
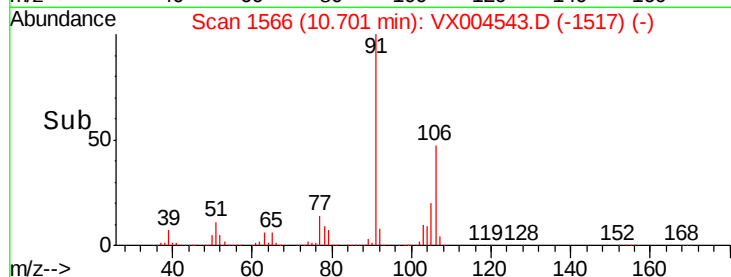
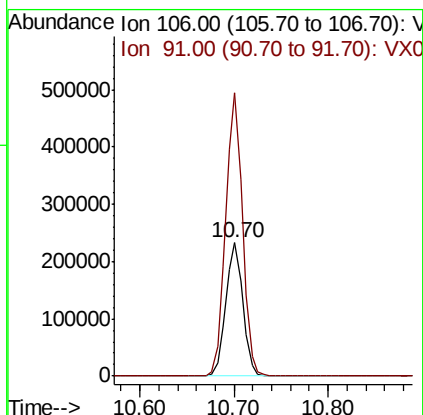
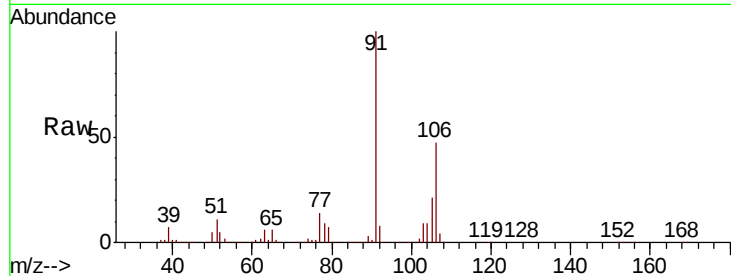




#69
o-Xylene
Concen: 49.52 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004543.D
Acq: 14 Sep 2018 16:40

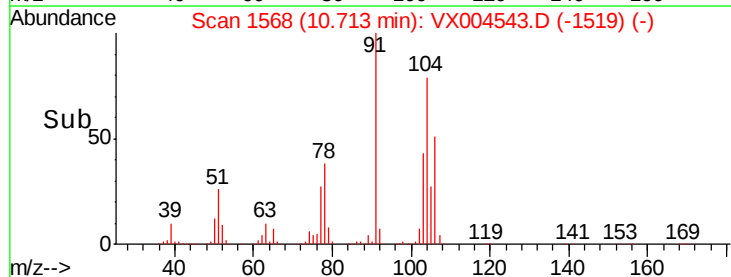
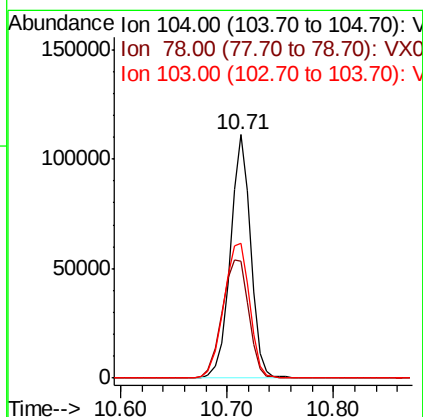
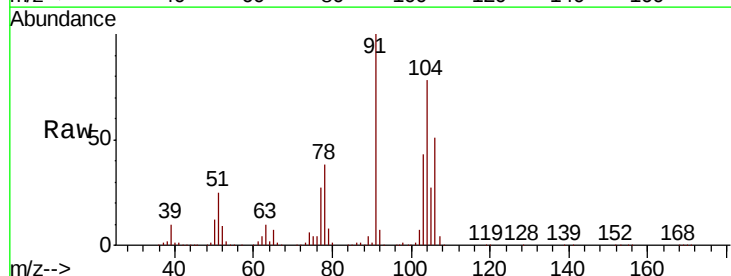
Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF02-COMP-FILL

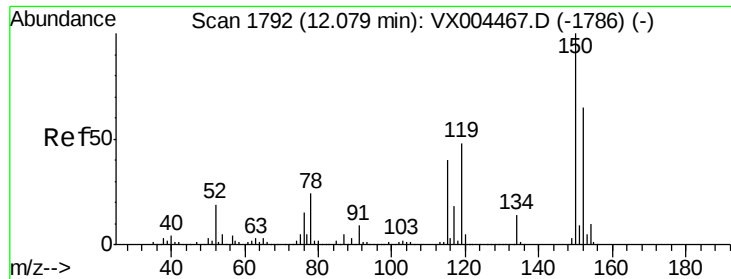
Tot Ion:106 Resp: 291679
Ion Ratio Lower Upper
106 100
91 210.5 105.1 315.1



#70
Styrene
Concen: 15.24 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004543.D
Acq: 14 Sep 2018 16:40

Tgt Ion:104 Resp: 148725
Ion Ratio Lower Upper
104 100
78 63.8 37.4 56.0#
103 70.4 43.8 65.6#



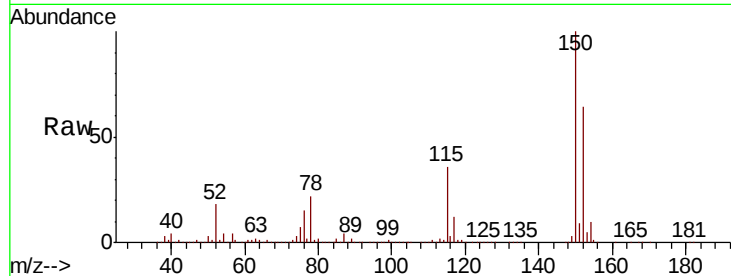


#72

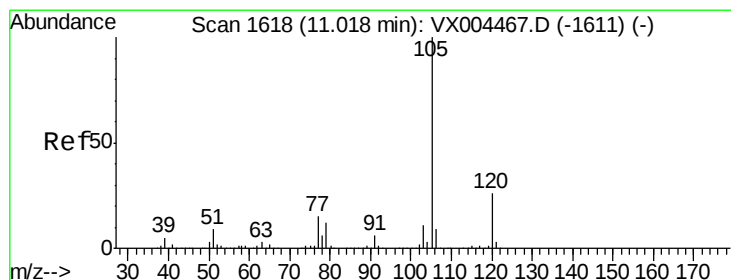
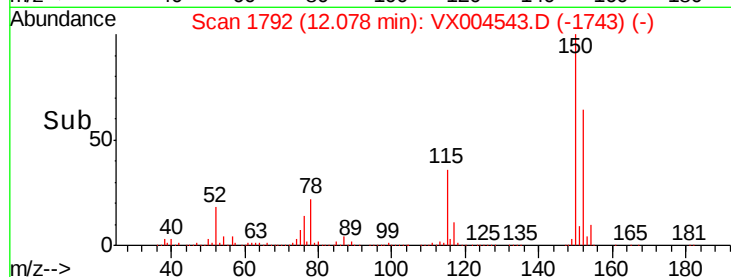
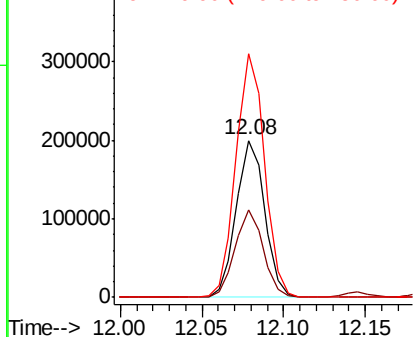
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004543.D
Acq: 14 Sep 2018 16:40

Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF02-COMP-FILL

Tot Ion:152 Resp: 243258
Ion Ratio Lower Upper
152 100
115 54.7 39.0 117.0
150 156.1 0.0 351.0



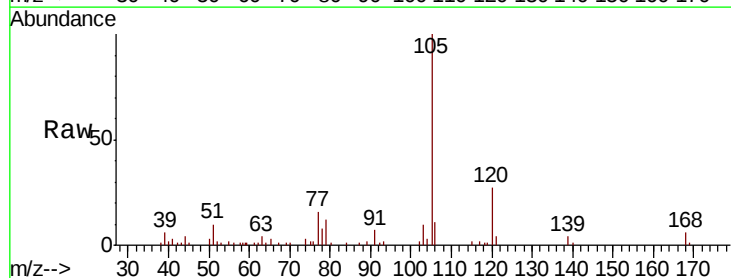
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



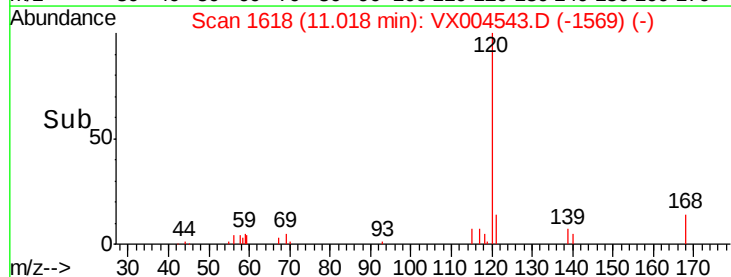
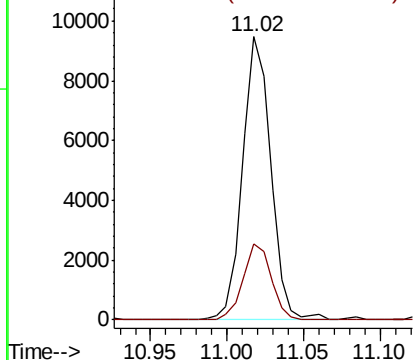
#73

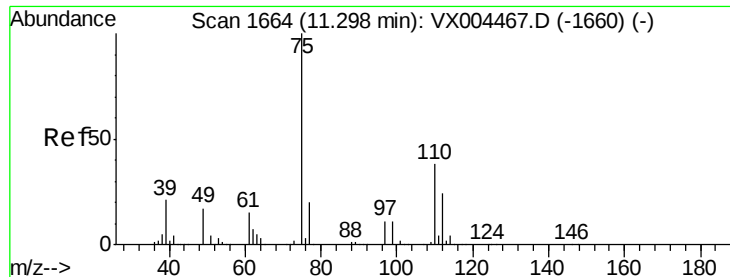
Isopropylbenzene
Concen: 0.75 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX004543.D
Acq: 14 Sep 2018 16:40

Tgt Ion:105 Resp: 12093
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

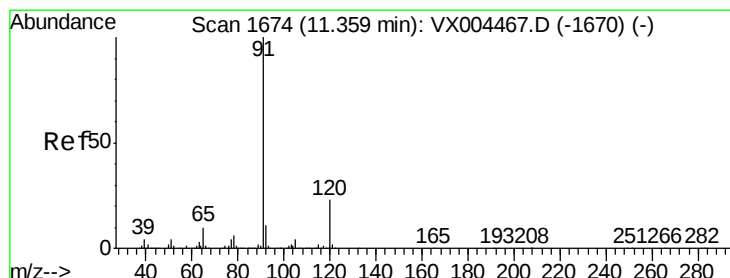
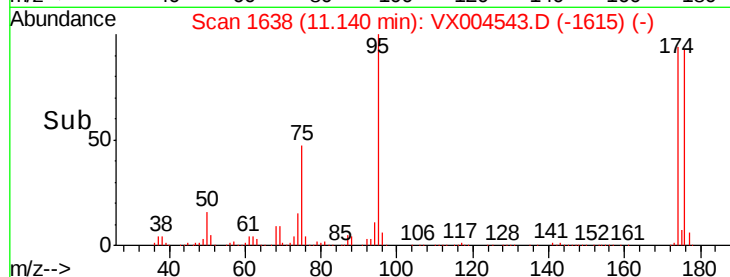
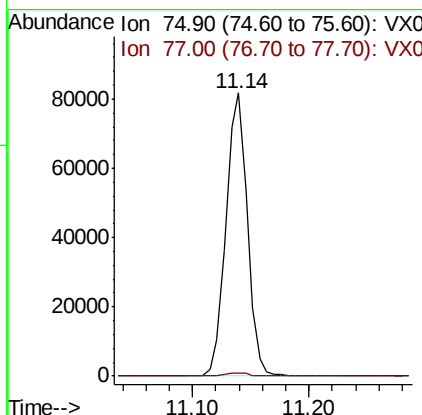
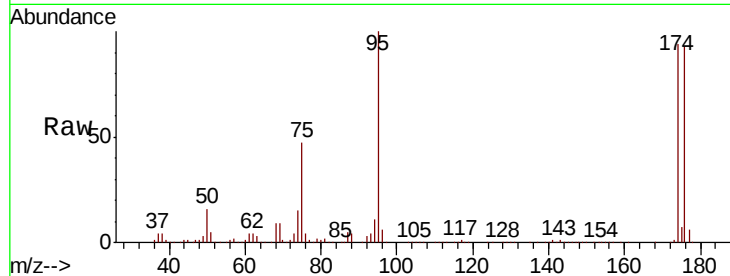




#76
 1,2,3-Trichloropropane
 Concen: 21.27 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX004543.D
 Acq: 14 Sep 2018 16:40

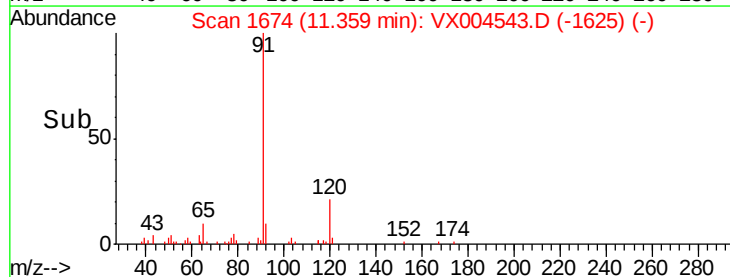
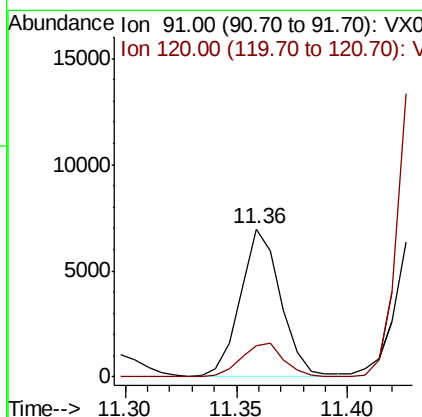
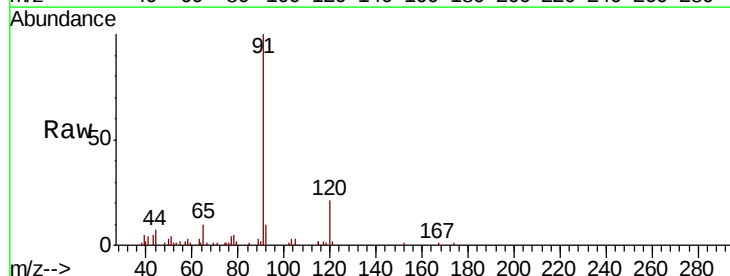
Instrument :
 MSVOA_X
 ClientSampleId :
 ROLLOFF02-COMP-FILL

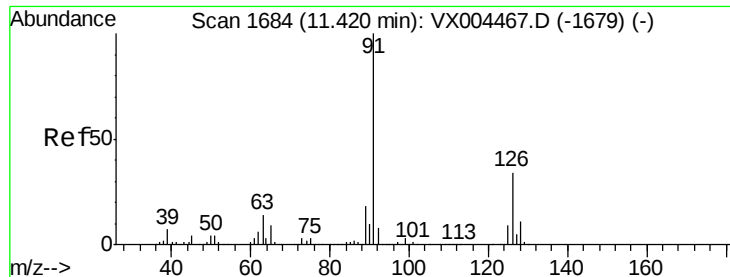
Tot Ion: 75 Resp: 104104
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.2 60.6#



#78
 n-propylbenzene
 Concen: 0.48 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VX004543.D
 Acq: 14 Sep 2018 16:40

Tgt Ion: 91 Resp: 8894
 Ion Ratio Lower Upper
 91 100
 120 0.0 11.9 35.9#

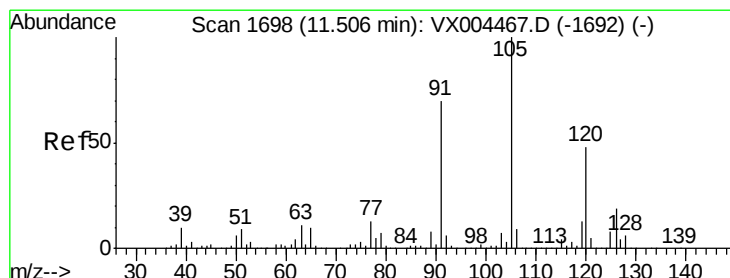
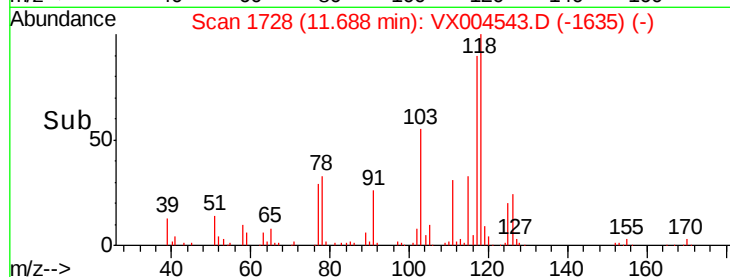
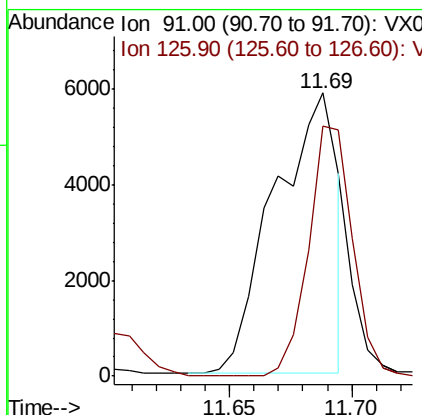
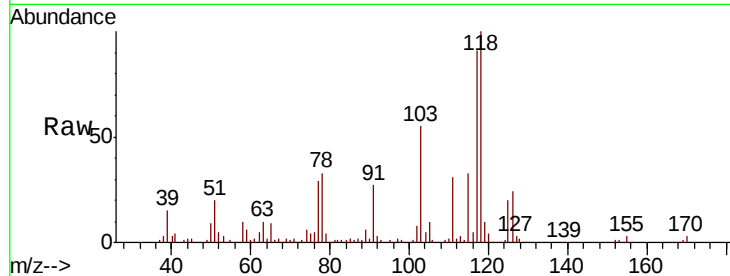




#79
 2-Chlorotoluene
 Concen: 0.94 ug/l
 RT: 11.69 min Scan# 1728
 Delta R.T. 0.27 min
 Lab File: VX004543.D
 Acq: 14 Sep 2018 16:40

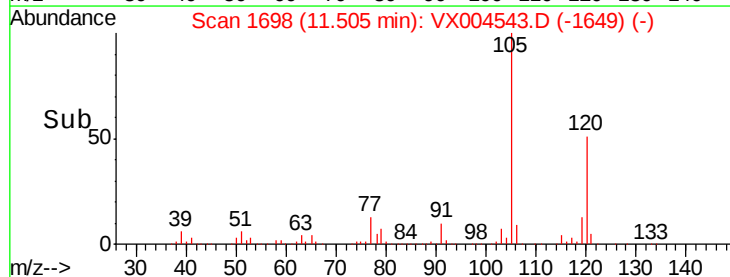
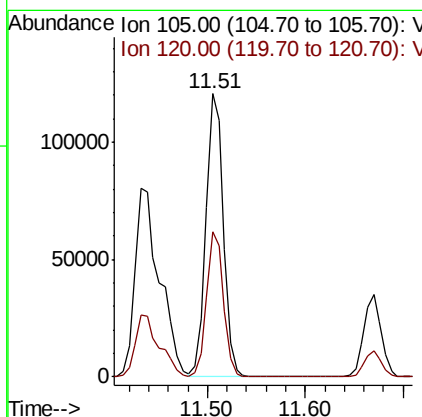
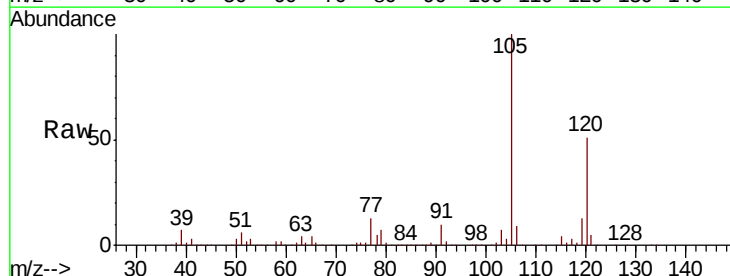
Instrument :
 MSVOA_X
 ClientSampleId :
 ROLLOFF02-COMP-FILL

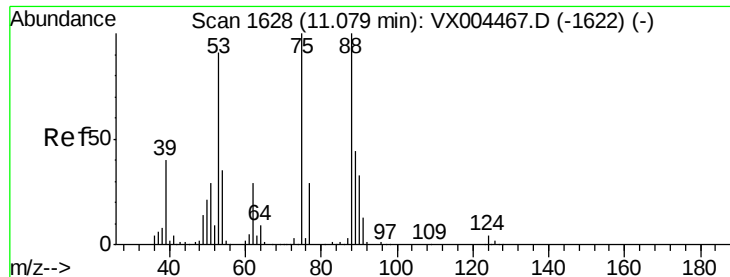
Tot Ion: 91 Resp: 10543
 Ion Ratio Lower Upper
 91 100
 126 48.7 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 11.02 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX004543.D
 Acq: 14 Sep 2018 16:40

Tgt Ion: 105 Resp: 148477
 Ion Ratio Lower Upper
 105 100
 120 49.6 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 67.80 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004543.D

Acq: 14 Sep 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

ROLLOFF02-COMP-FILL

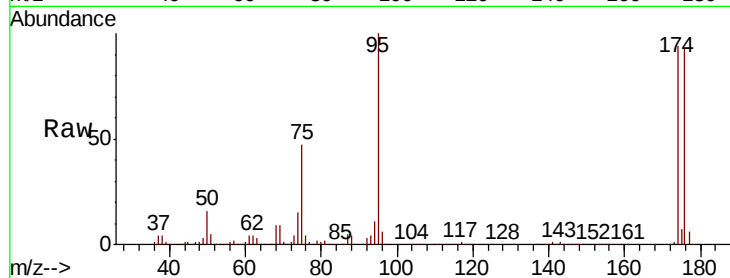
Tot Ion: 75 Resp: 104104

Ion Ratio Lower Upper

75 100

53 0.1 80.1 120.1#

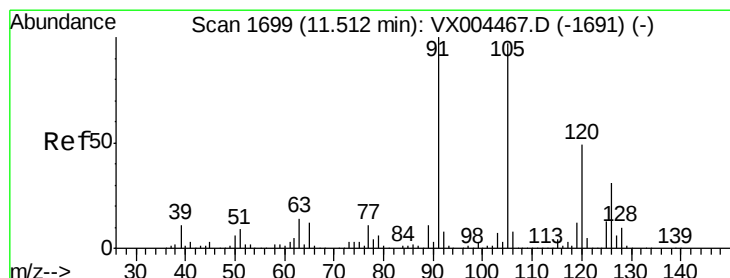
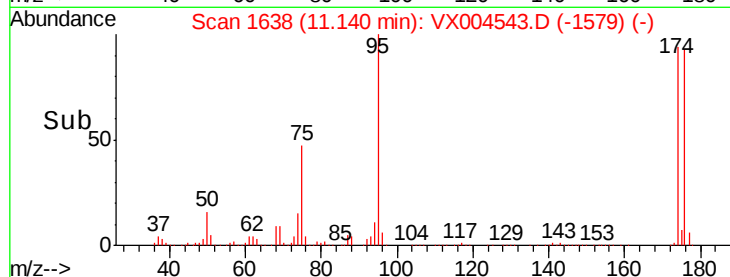
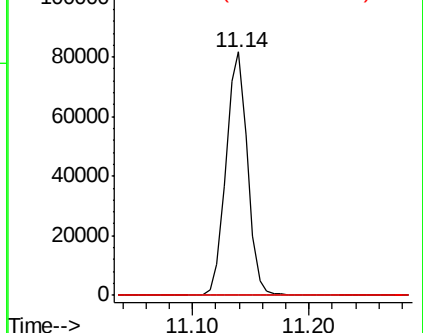
89 0.0 37.2 55.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 1.11 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX004543.D

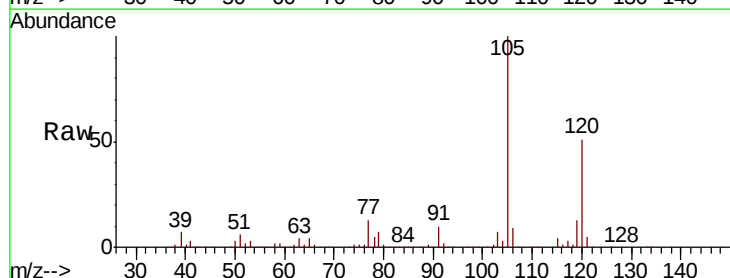
Acq: 14 Sep 2018 16:40

Tgt Ion: 91 Resp: 14509

Ion Ratio Lower Upper

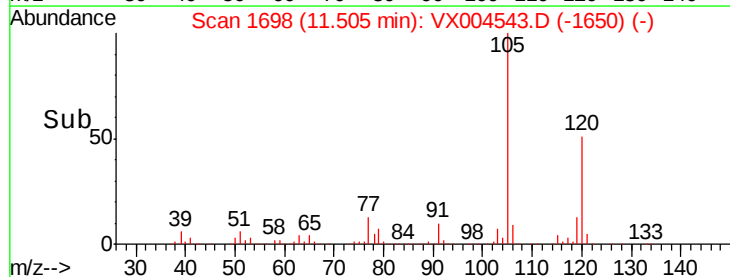
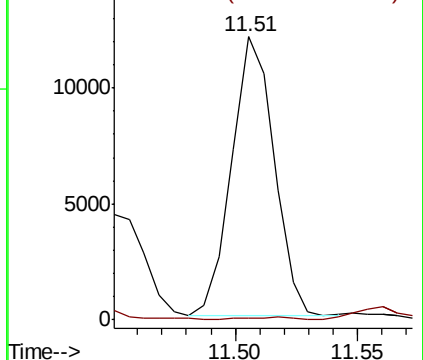
91 100

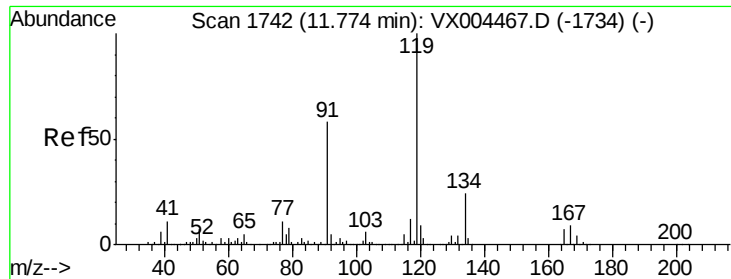
126 0.0 15.5 46.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

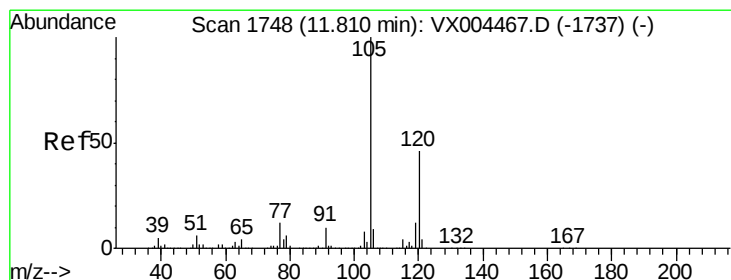
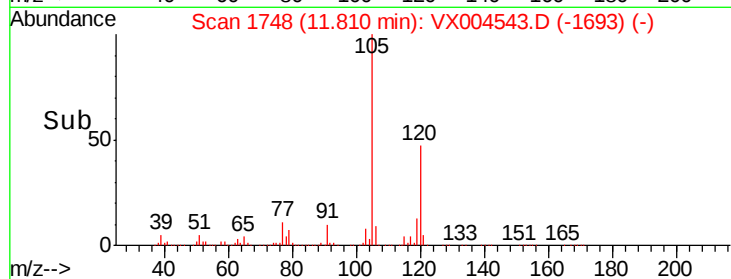
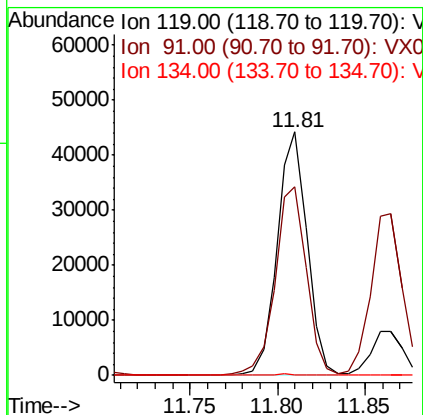
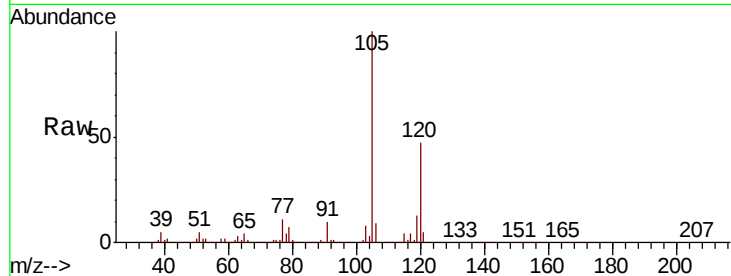




#83
tert-Butylbenzene
Concen: 4.11 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.04 min
Lab File: VX004543.D
Acq: 14 Sep 2018 16:40

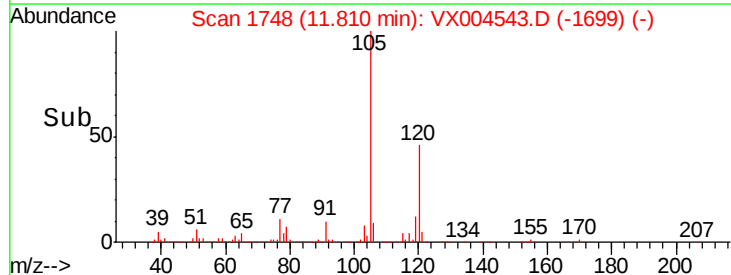
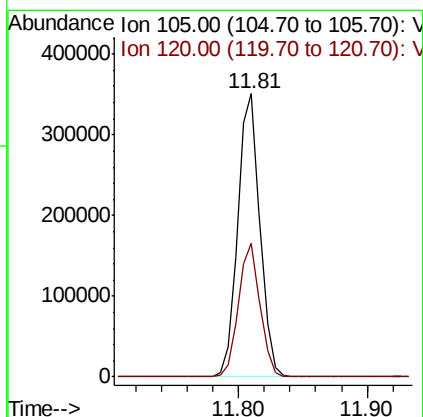
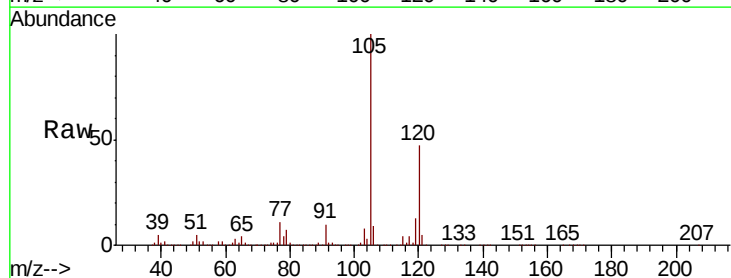
Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF02-COMP-FILL

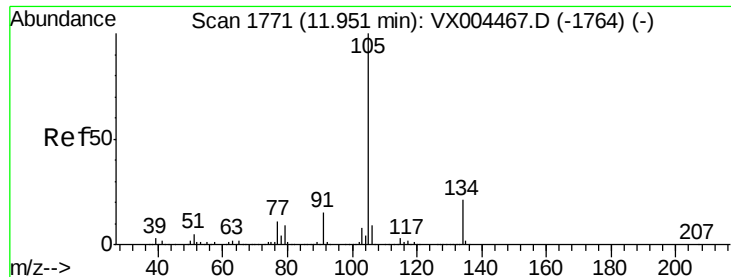
Tot Ion:119 Resp: 52695
Ion Ratio Lower Upper
119 100
91 81.0 27.0 81.0
134 0.4 11.7 35.1#



#84
1,2,4-Trimethylbenzene
Concen: 30.44 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX004543.D
Acq: 14 Sep 2018 16:40

Tgt Ion:105 Resp: 418534
Ion Ratio Lower Upper
105 100
120 46.1 23.2 69.6

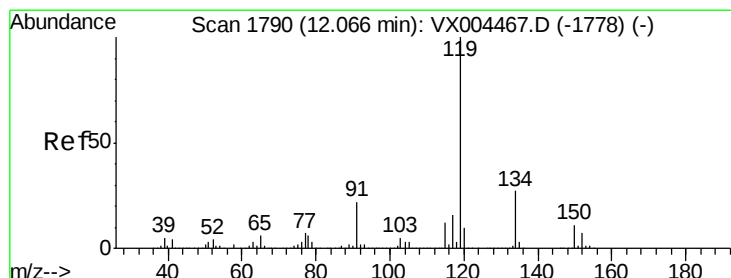
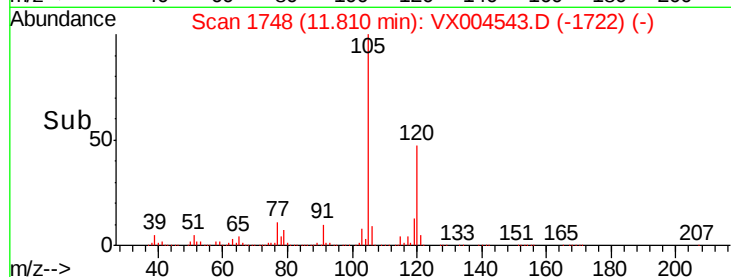
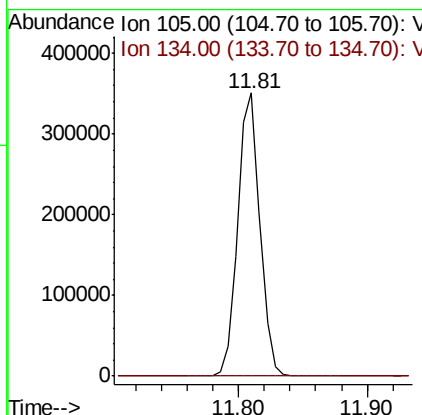
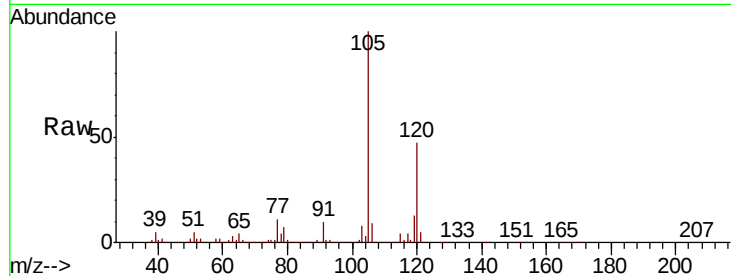




#85
 sec-Butylbenzene
 Concen: 25.62 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.14 min
 Lab File: VX004543.D
 Acq: 14 Sep 2018 16:40

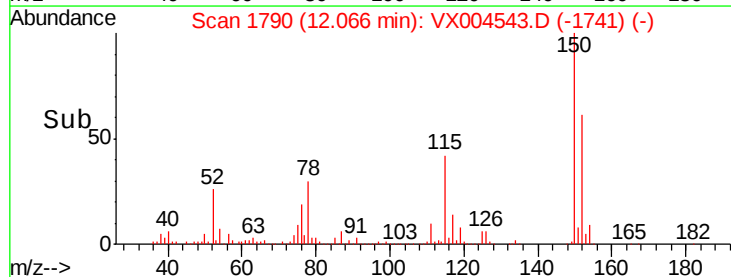
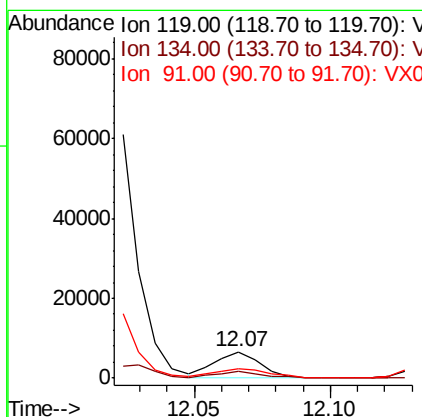
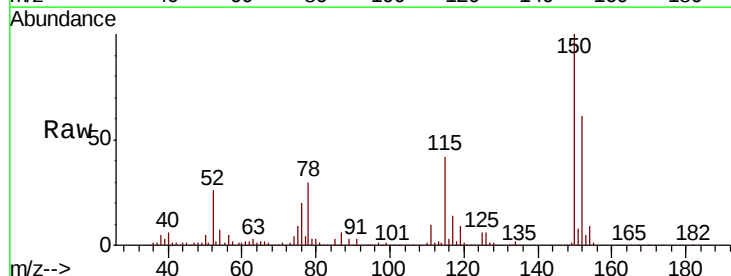
Instrument :
 MSVOA_X
 ClientSampleId :
 ROLLOFF02-COMP-FILL

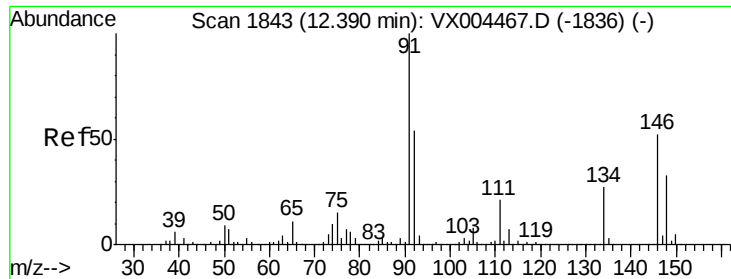
Tot Ion:105 Resp: 418534
 Ion Ratio Lower Upper
 105 100
 134 0.1 10.5 31.5#



#86
 p-Isopropyltoluene
 Concen: 0.52 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX004543.D
 Acq: 14 Sep 2018 16:40

Tgt Ion:119 Resp: 7546
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.4 40.2
 91 42.3 10.9 32.7#

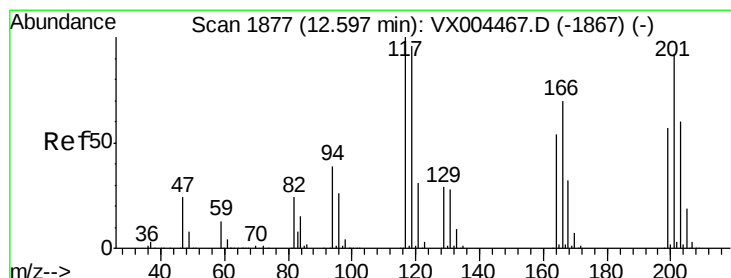
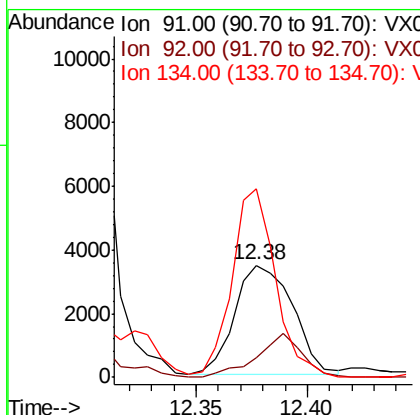
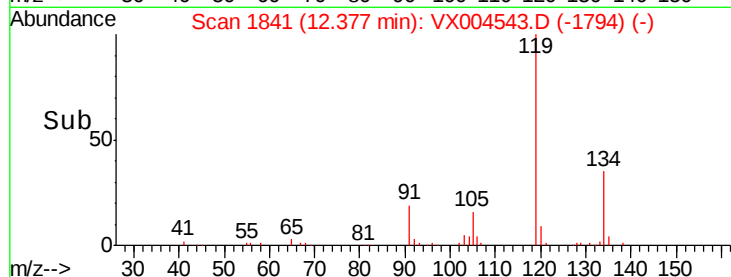
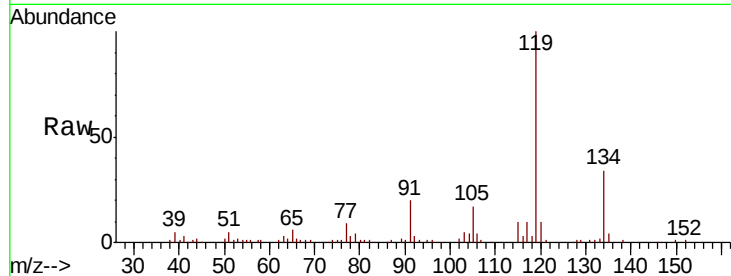




#89
n-Butylbenzene
Concen: 0.47 ug/l
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX004543.D
Acq: 14 Sep 2018 16:40

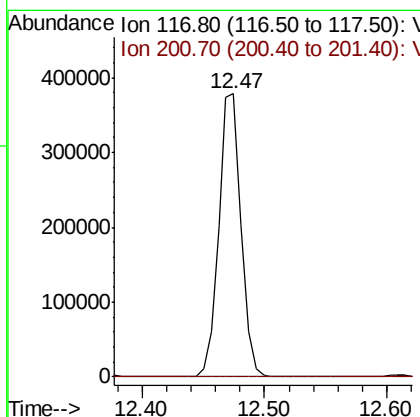
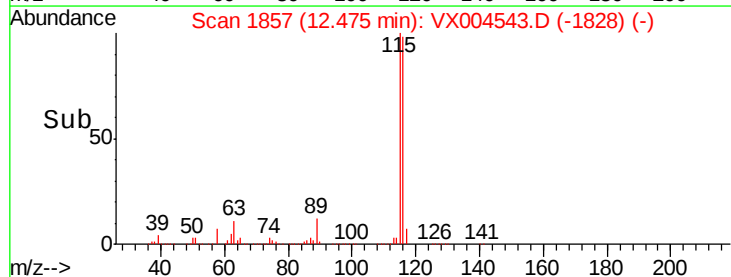
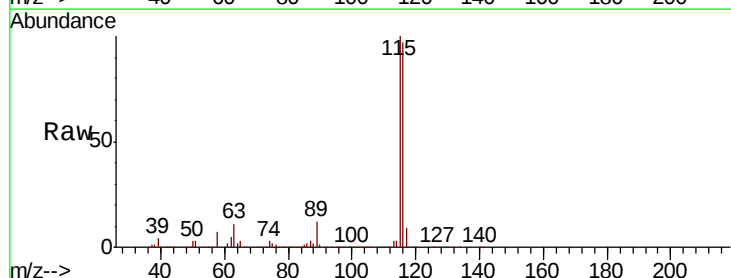
Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF02-COMP-FILL

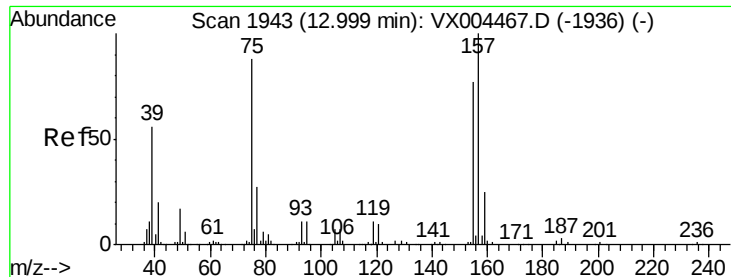
Tot Ion: 91 Resp: 6202
Ion Ratio Lower Upper
91 100
92 31.0 27.3 81.9
134 130.2 13.6 40.7#



#90
Hexachloroethane
Concen: 206.58 ug/l
RT: 12.47 min Scan# 1857
Delta R.T. -0.12 min
Lab File: VX004543.D
Acq: 14 Sep 2018 16:40

Tgt Ion: 117 Resp: 477179
Ion Ratio Lower Upper
117 100
201 0.0 46.9 140.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 27.65 ug/l

RT: 13.02 min Scan# 1947

Delta R.T. 0.02 min

Lab File: VX004543.D

Acq: 14 Sep 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

ROLLOFF02-COMP-FILL

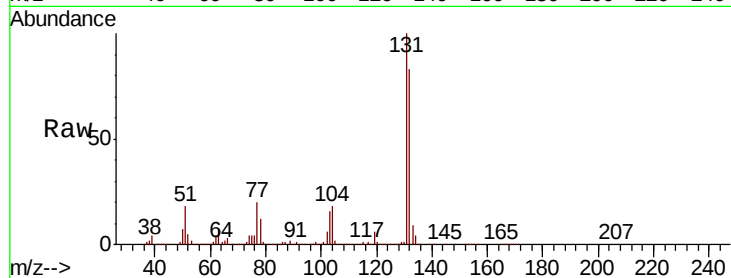
Tot Ion: 75 Resp: 30509

Ion Ratio Lower Upper

75 100

155 0.0 48.0 144.2#

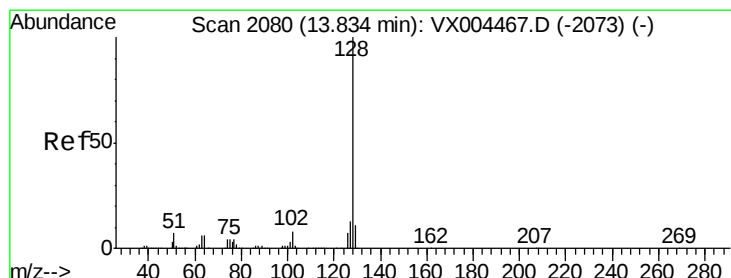
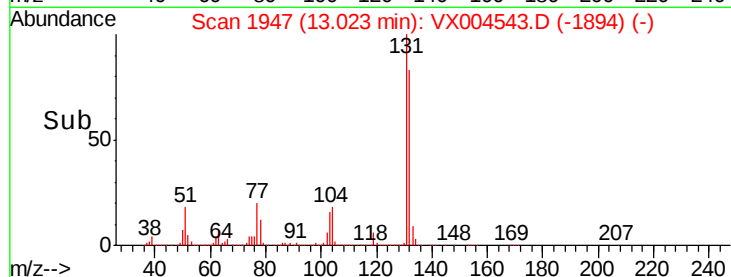
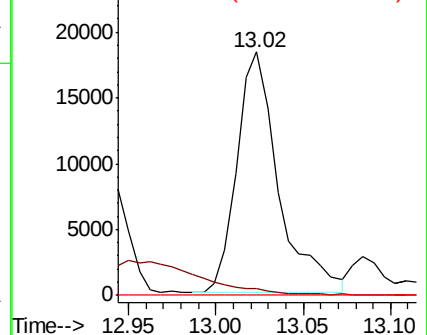
157 0.0 61.4 184.1#



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: 1033.24 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004543.D

Acq: 14 Sep 2018 16:40

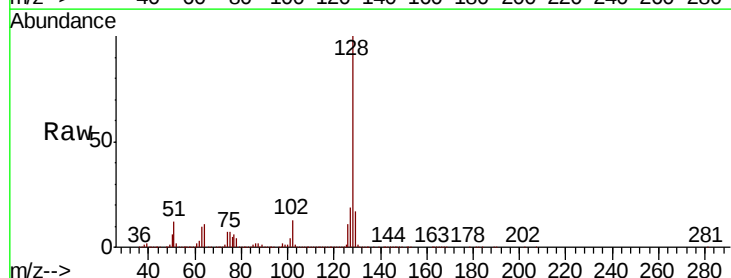
Tgt Ion:128 Resp:17159167

Ion Ratio Lower Upper

128 100

127 24.5 10.2 15.2#

129 22.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

