

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091518\
 Data File : VX004595.D
 Acq On : 15 Sep 2018 20:00
 Operator : JC/MD
 Sample : J4919-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ROLLOFF-03_COMP_FILL

Quant Time: Sep 17 08:40:22 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	238021	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	342867	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	337898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	209858	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	149643	48.76	ug/l	0.00
Spiked Amount			Recovery	=	97.52%	
35) Dibromofluoromethane	5.50	113	147329	46.96	ug/l	0.00
Spiked Amount			Recovery	=	93.92%	
50) Toluene-d8	8.72	98	493981	46.95	ug/l	0.00
Spiked Amount			Recovery	=	93.90%	
62) 4-Bromofluorobenzene	11.14	95	189878	50.56	ug/l	0.00
Spiked Amount			Recovery	=	101.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	785	Below Cal		92
6) Chloroethane	1.71	64	668	0.33	ug/l #	50
10) Methyl Iodide	2.51	142	389	4.37	ug/l #	88
11) Tert butyl alcohol	3.06	59	698	0.95	ug/l	97
13) Acrolein	2.30	56	394	1.36	ug/l #	16
14) Allyl chloride	2.85	41	224310	43.87	ug/l #	28
15) Acrylonitrile	3.15	53	479	0.27	ug/l #	79
16) Acetone	2.45	43	57467	38.36	ug/l	94
17) Carbon Disulfide	2.57	76	16130	2.24	ug/l	99
18) Methyl Acetate	2.78	43	5469	1.30	ug/l	99
20) Methylene Chloride	2.85	84	5148840	1675.59	ug/l	88
25) 2-Butanone	4.70	43	15711	6.59	ug/l #	89
28) Bromochloromethane	5.04	49	1846	0.78	ug/l #	57
29) Tetrahydrofuran	5.17	42	1822	1.27	ug/l #	82
30) Chloroform	5.22	83	1719	0.34	ug/l #	74
36) 1,1-Dichloropropene	5.66	75	15302	3.68	ug/l #	49
37) Ethyl Acetate	4.70	43	15711	3.32	ug/l #	67
38) Carbon Tetrachloride	5.66	117	20142	4.95	ug/l #	17
39) Methylcyclohexane	7.46	83	891	0.21	ug/l	87
40) Benzene	6.15	78	20268482	1641.09	ug/l	92
41) Methacrylonitrile	5.17	41	1456	0.56	ug/l #	38
42) 1,2-Dichloroethane	6.16	62	176642	43.12	ug/l #	72
43) Isopropyl Acetate	6.46	43	130331	20.73	ug/l	100
48) Methyl methacrylate	7.69	41	5214	1.68	ug/l #	21
51) 4-Methyl-2-Pentanone	8.79	43	157292	35.45	ug/l #	34
52) Toluene	8.79	92	10433177	1433.79	ug/l	84
53) t-1,3-Dichloropropene	8.79	75	125863	30.35	ug/l #	1
55) 1,1,2-Trichloroethane	9.08	97	198684	63.41	ug/l #	19
56) Ethyl methacrylate	9.08	69	11427	2.58	ug/l #	11
59) 2-Hexanone	9.50	43	2975	0.87	ug/l	97
65) Chlorobenzene	10.14	112	3580	0.43	ug/l	97
67) Ethyl Benzene	10.26	91	1769882	129.68	ug/l	99
68) m/p-Xylenes	10.36	106	3015048	573.52	ug/l	98
69) o-Xylene	10.70	106	1385173	274.07	ug/l	100

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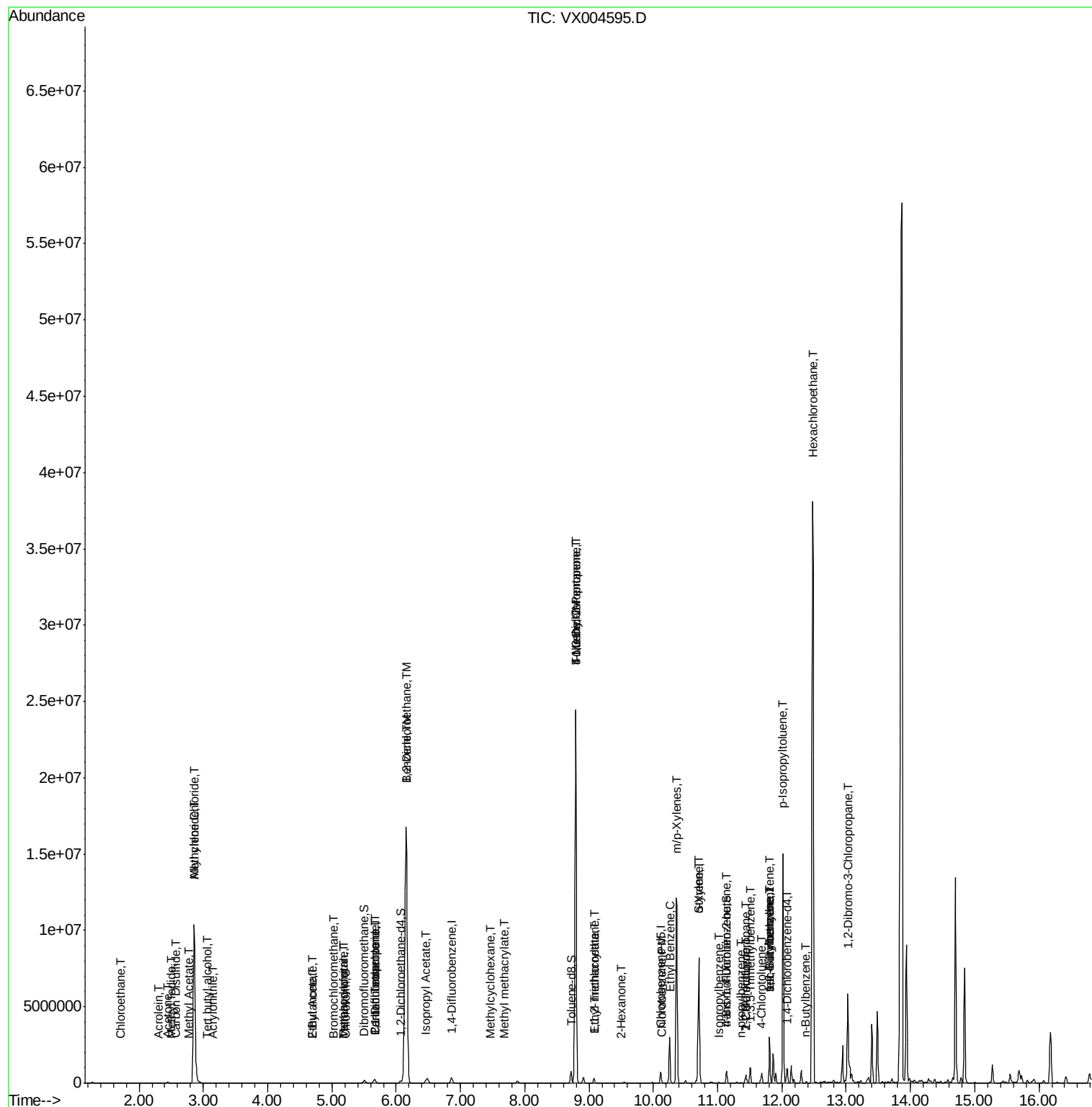
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) Styrene	10.71	104	1886366	225.29	ug/l	96
73) Isopropylbenzene	11.02	105	20719	1.50	ug/l	100
76) 1,2,3-Trichloropropane	11.43	75	3225	0.76	ug/l #	1
78) n-propylbenzene	11.36	91	23739	1.49	ug/l #	51
79) 2-Chlorotoluene	11.43	91	44779	4.65	ug/l #	55
80) 1,3,5-Trimethylbenzene	11.51	105	465617	40.07	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.14	75	89333	67.44	ug/l #	10
82) 4-Chlorotoluene	11.69	91	42535	3.78	ug/l	75
83) tert-Butylbenzene	11.81	119	161031	14.56	ug/l #	60
84) 1,2,4-Trimethylbenzene	11.81	105	1272166	107.24	ug/l	100
85) sec-Butylbenzene	11.81	105	1272166	90.25	ug/l #	55
86) p-Isopropyltoluene	12.02	119	636153	51.11	ug/l #	65
89) n-Butylbenzene	12.38	91	10682	0.94	ug/l #	13
90) Hexachloroethane	12.48	117	2256642	1132.44	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	13.02	75	99782	104.82	ug/l #	1

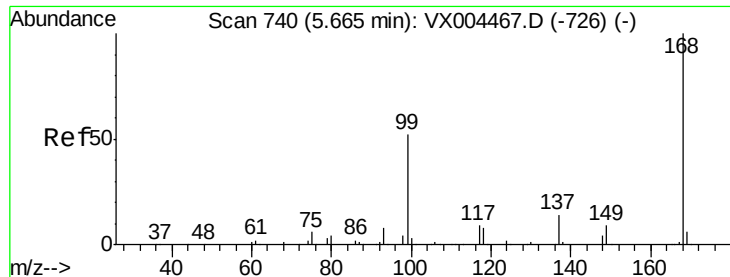
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX004595.D

Acq: 15 Sep 2018 20:00

Instrument :

MSVOA_X

ClientSampleId :

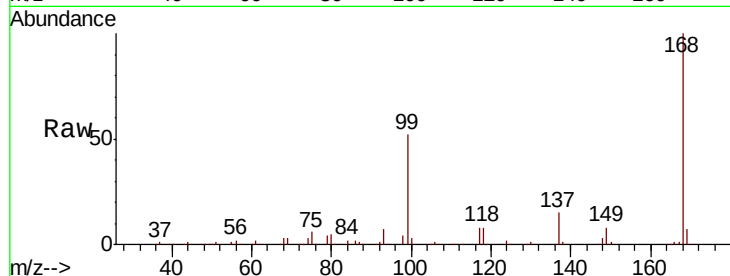
ROLLOFF-03_COMP_FILL

Tot Ion:168 Resp: 238021

Ion Ratio Lower Upper

168 100

99 52.1 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

80000

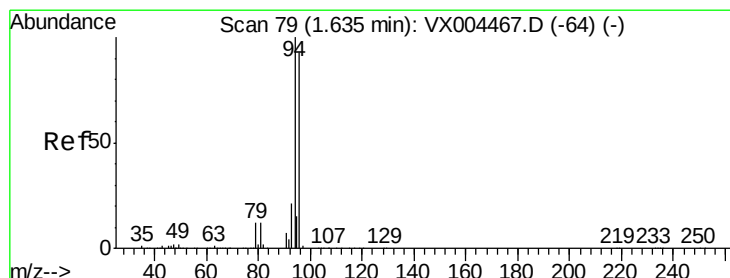
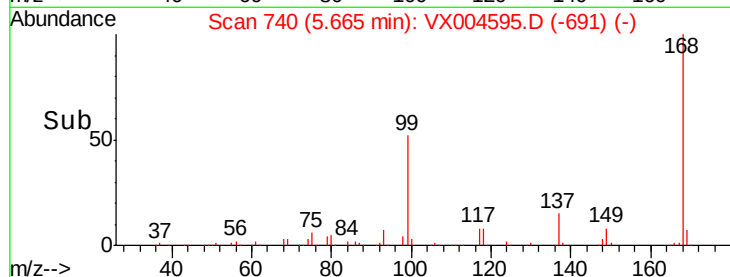
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004595.D

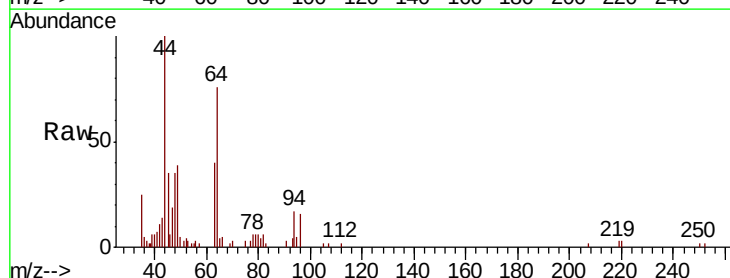
Acq: 15 Sep 2018 20:00

Tgt Ion: 94 Resp: 785

Ion Ratio Lower Upper

94 100

96 85.8 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

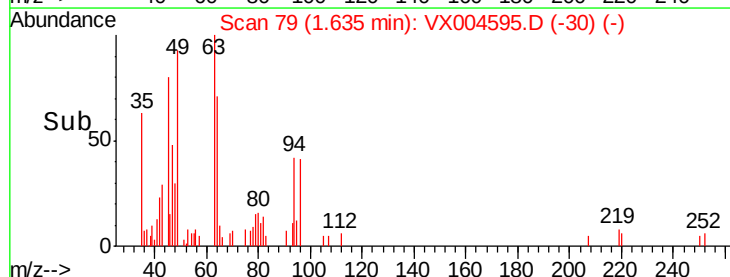
300

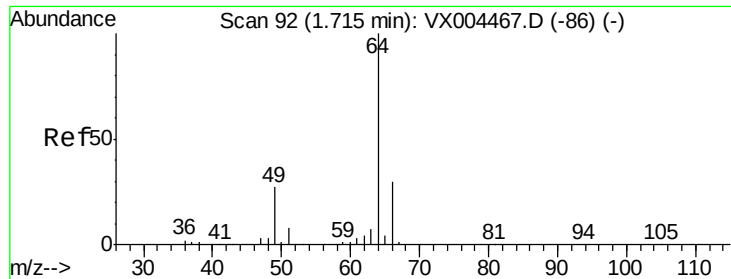
200

100

0

Time--> 1.60 1.65 1.70





#6

Chloroethane

Concen: 0.33 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004595.D

Acq: 15 Sep 2018 20:00

Instrument :

MSVOA_X

ClientSampleId :

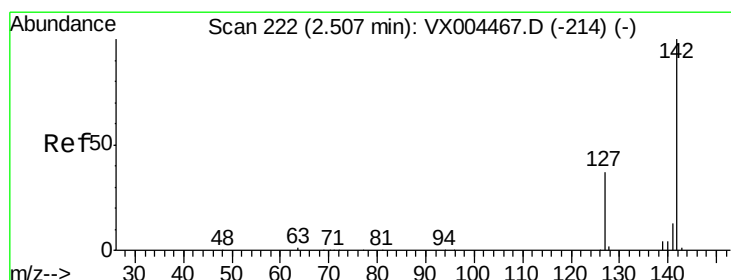
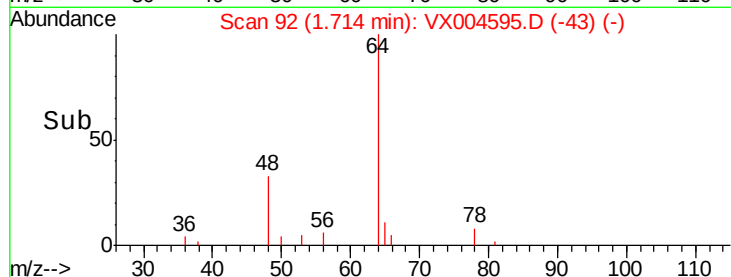
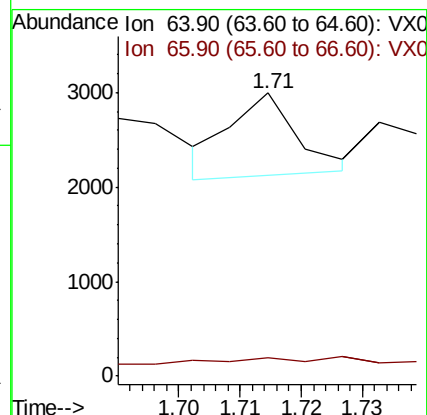
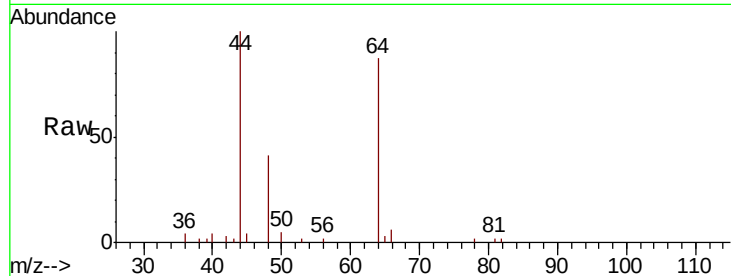
ROLLOFF-03_COMP_FILL

Tot Ion: 64 Resp: 668

Ion Ratio Lower Upper

64 100

66 3.6 24.6 36.8#



#10

Methyl Iodide

Concen: 4.37 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX004595.D

Acq: 15 Sep 2018 20:00

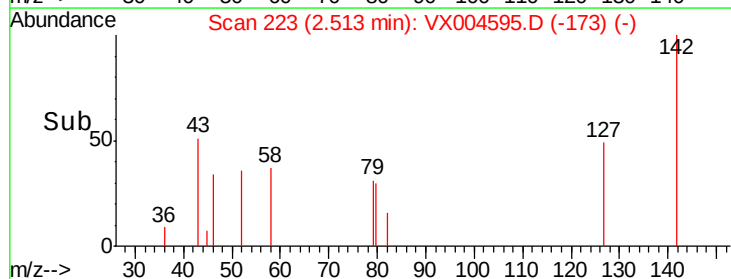
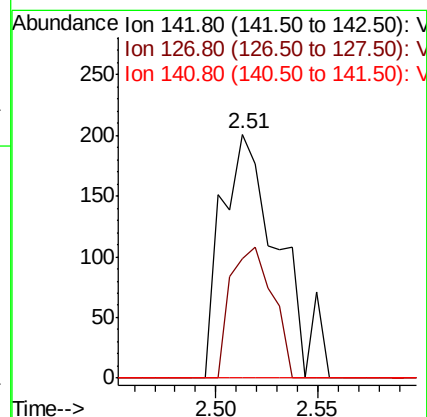
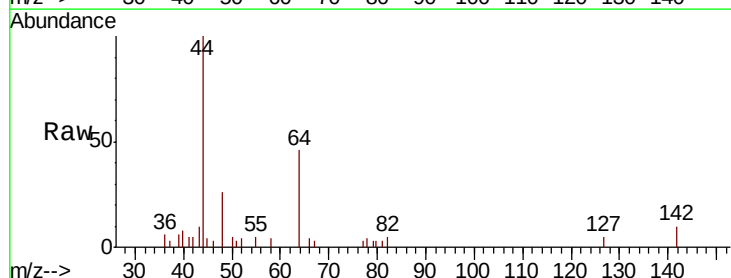
Tgt Ion: 142 Resp: 389

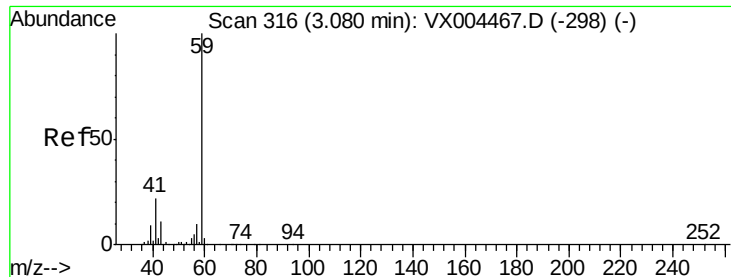
Ion Ratio Lower Upper

142 100

127 39.8 33.8 50.6

141 0.0 11.4 17.0#

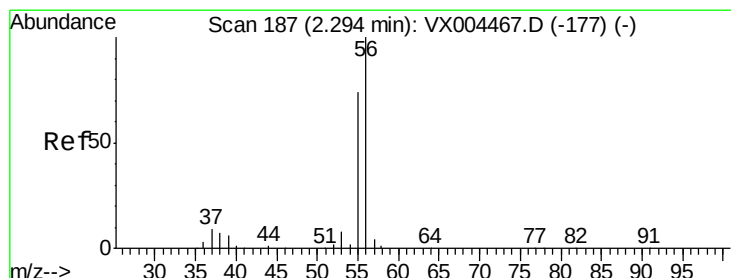
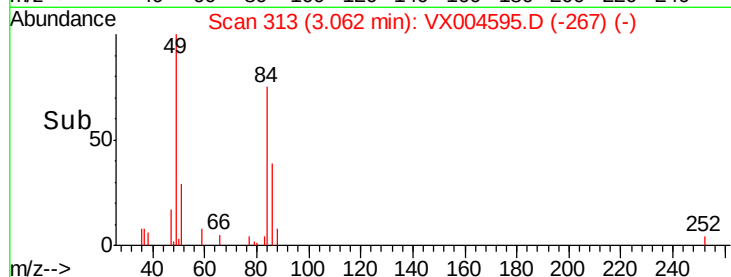
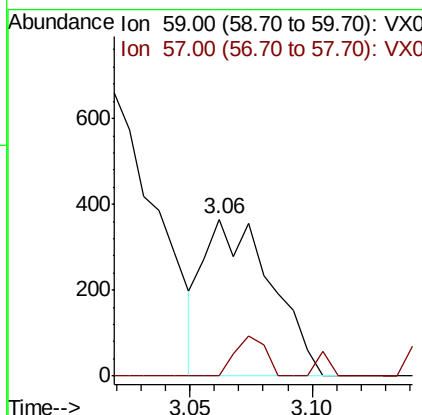
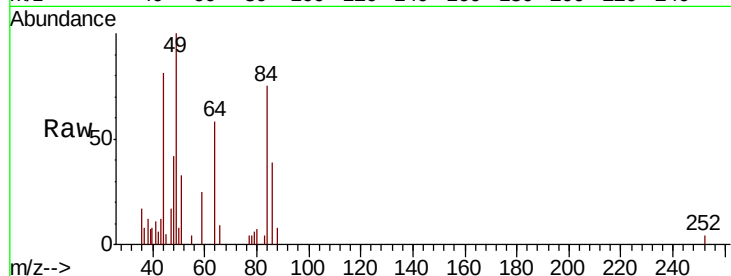




#11
Tert butyl alcohol
Concen: 0.95 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX004595.D
Acq: 15 Sep 2018 20:00

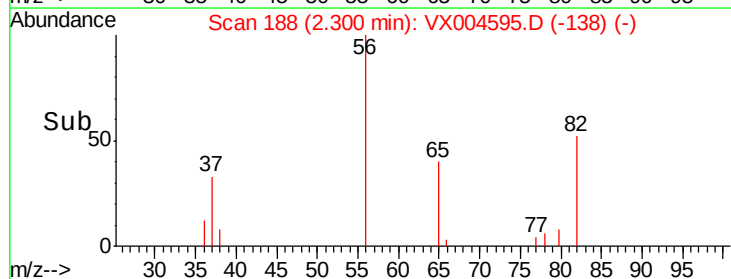
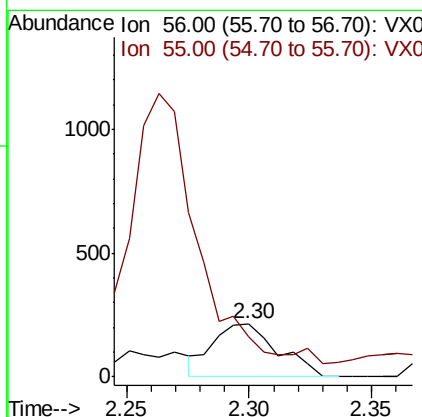
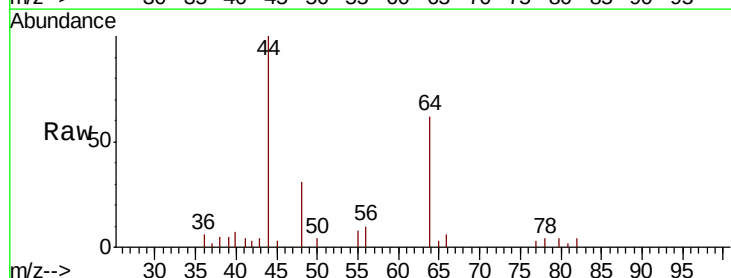
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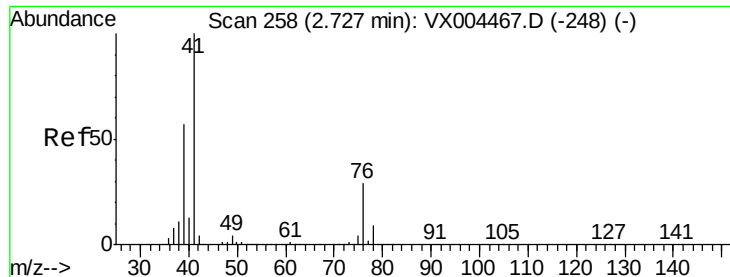
Tot Ion: 59 Resp: 698
Ion Ratio Lower Upper
59 100
57 11.5 8.2 12.4



#13
Acrolein
Concen: 1.36 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX004595.D
Acq: 15 Sep 2018 20:00

Tgt Ion: 56 Resp: 394
Ion Ratio Lower Upper
56 100
55 0.0 54.7 82.1#

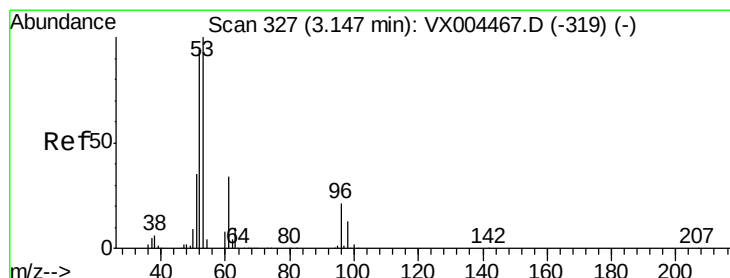
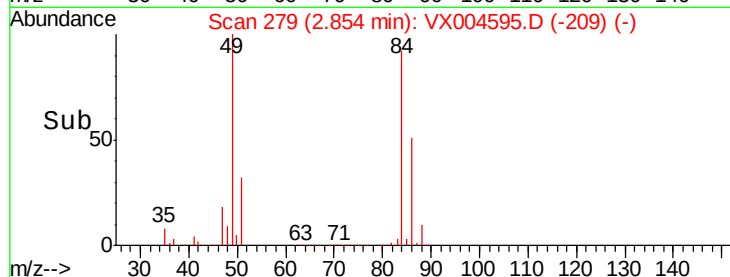
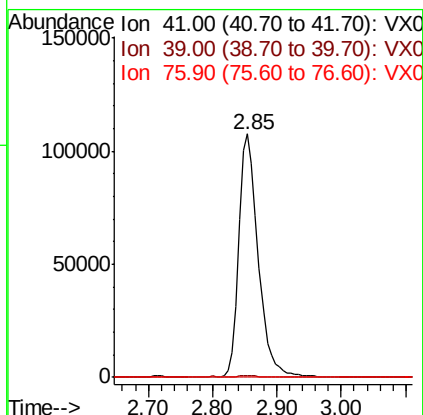
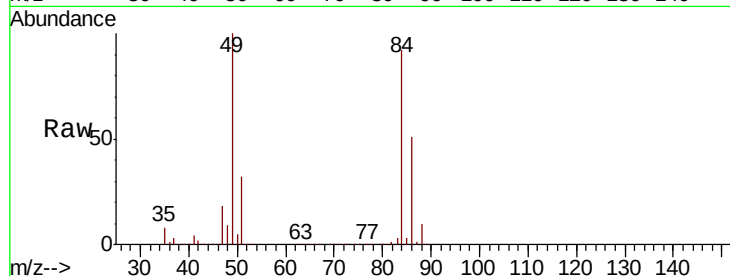




#14
Allvl chloride
Concen: 43.87 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.13 min
Lab File: VX004595.D
Acq: 15 Sep 2018 20:00

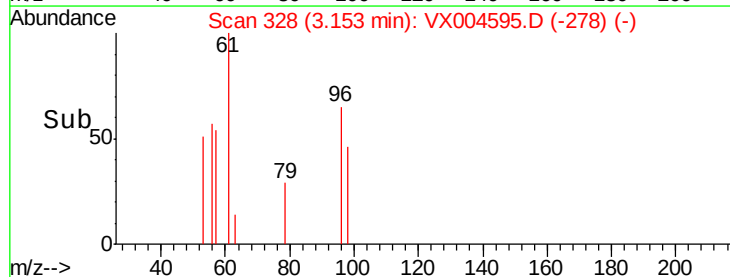
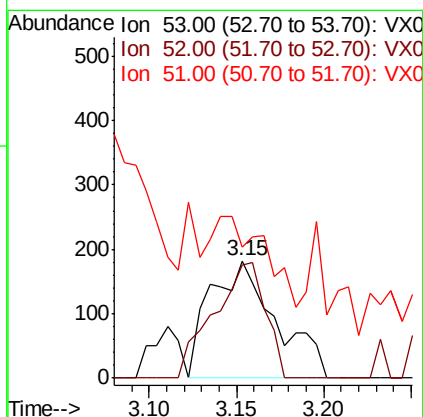
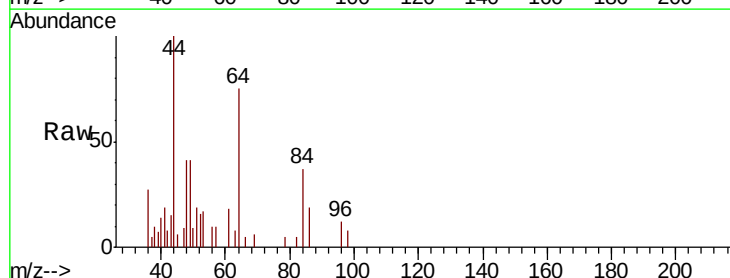
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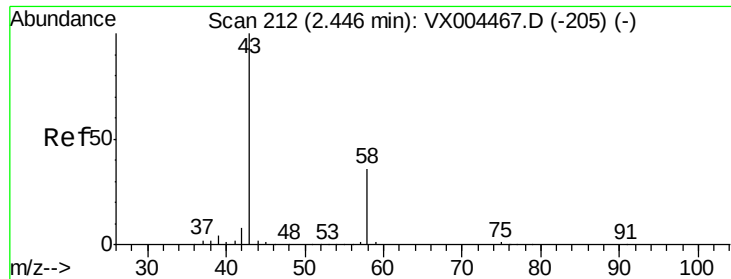
Tot Ion: 41 Resp: 224310
Ion Ratio Lower Upper
41 100
39 0.7 48.9 73.3#
76 0.0 26.7 40.1#



#15
Acrylonitrile
Concen: 0.27 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.01 min
Lab File: VX004595.D
Acq: 15 Sep 2018 20:00

Tgt Ion: 53 Resp: 479
Ion Ratio Lower Upper
53 100
52 77.5 65.2 97.8
51 0.0 28.2 42.2#

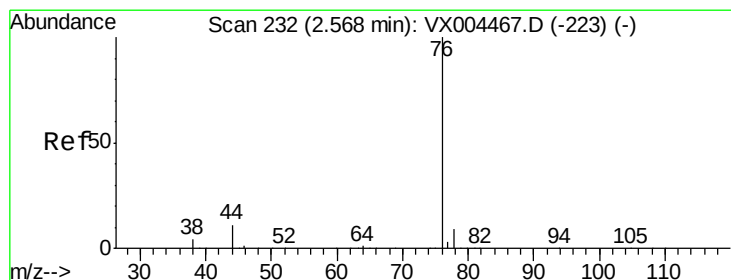
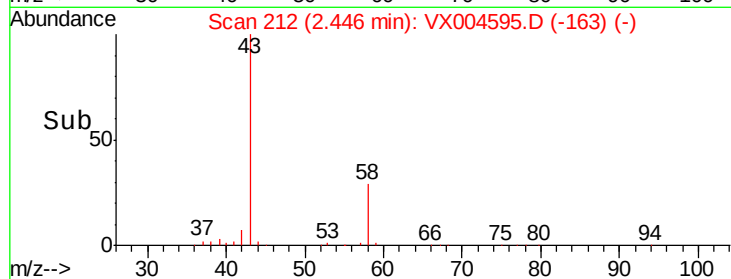
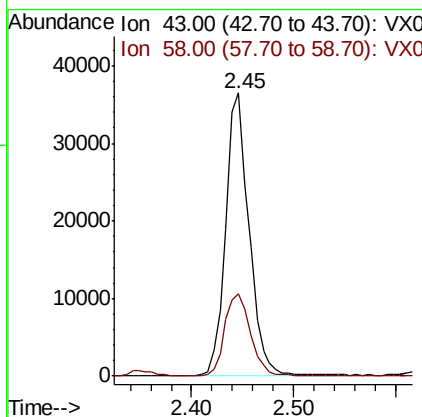
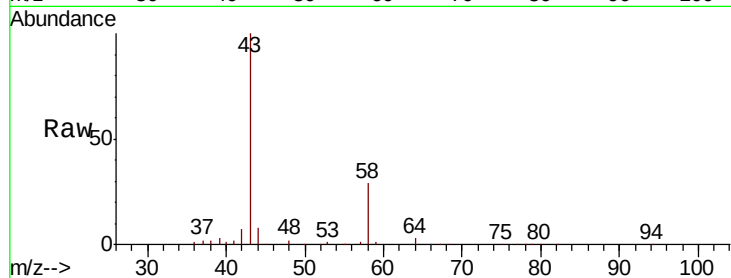




#16
Acetone
Concen: 38.36 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX004595.D
Acq: 15 Sep 2018 20:00

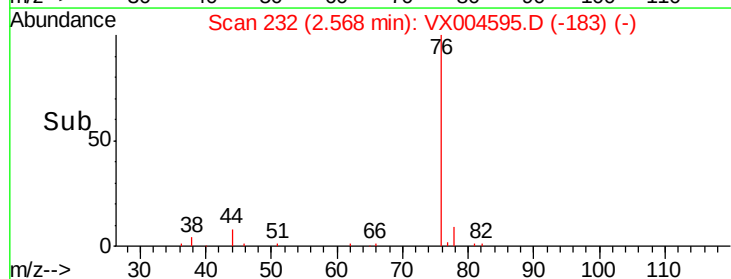
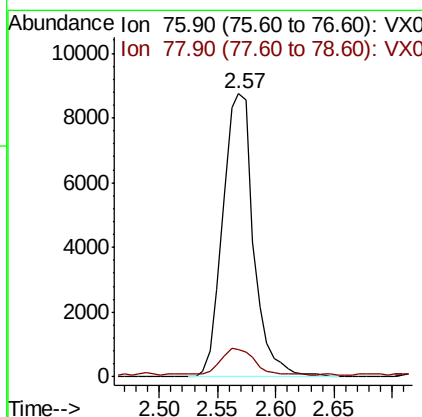
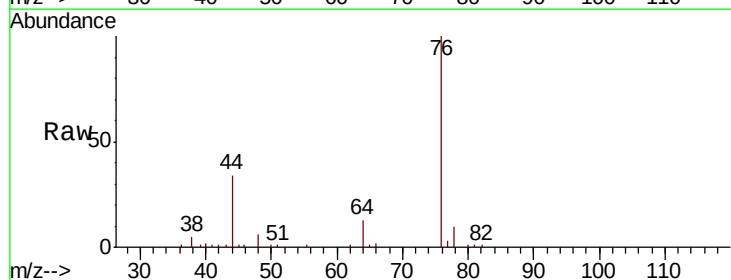
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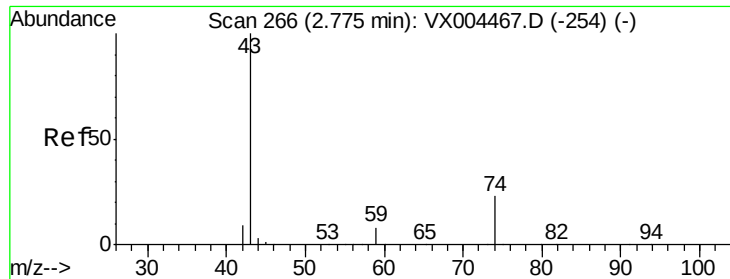
Tot Ion: 43 Resp: 57467
Ion Ratio Lower Upper
43 100
58 29.4 26.2 39.4



#17
Carbon Disulfide
Concen: 2.24 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX004595.D
Acq: 15 Sep 2018 20:00

Tgt Ion: 76 Resp: 16130
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6





#18

Methyl Acetate

Concen: 1.30 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX004595.D

Acq: 15 Sep 2018 20:00

Instrument :

MSVOA_X

ClientSampleId :

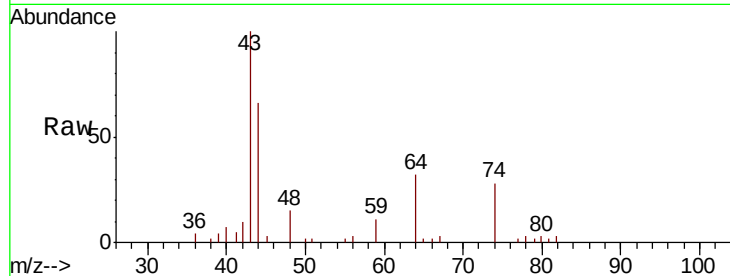
ROLLOFF-03_COMP_FILL

Tot Ion: 43 Resp: 5469

Ion Ratio Lower Upper

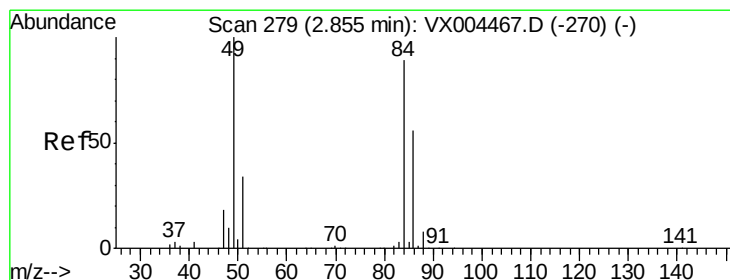
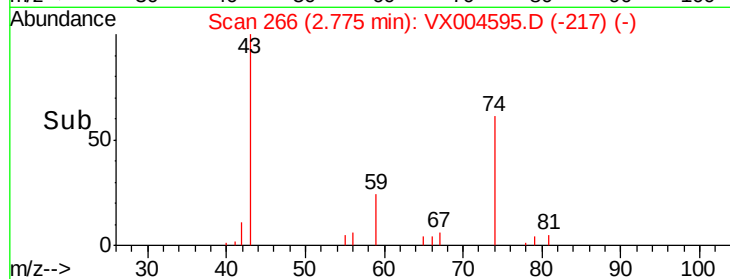
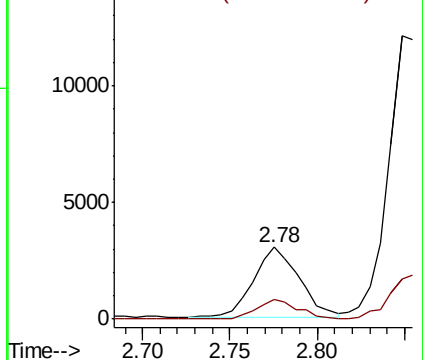
43 100

74 25.0 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#20

Methylene Chloride

Concen: 1675.59 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX004595.D

Acq: 15 Sep 2018 20:00

Tgt Ion: 84 Resp: 5148840

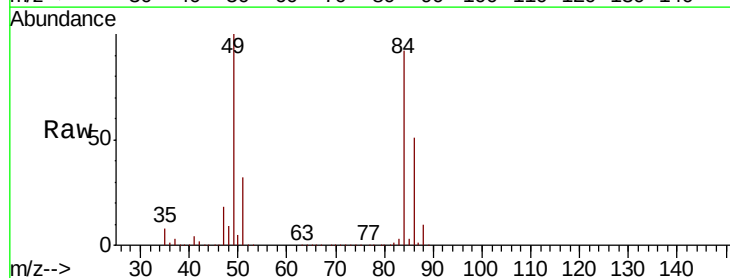
Ion Ratio Lower Upper

84 100

49 109.1 101.2 151.8

51 34.8 29.5 44.3

86 56.1 52.3 78.5

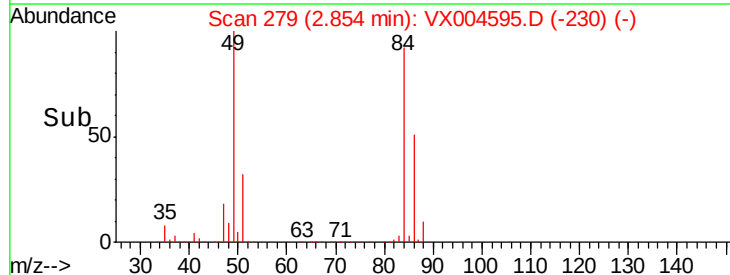
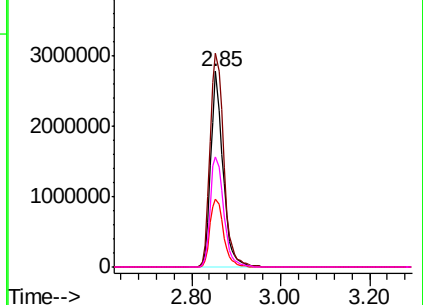


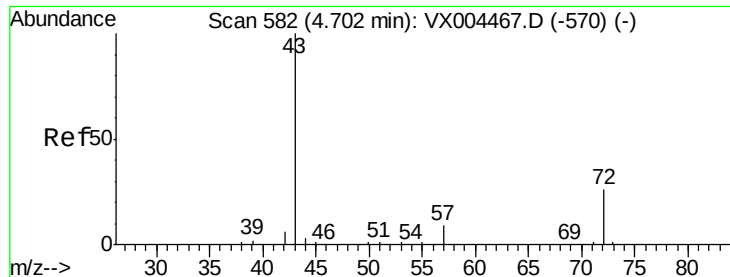
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#25

2-Butanone

Concen: 6.59 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX004595.D

Acq: 15 Sep 2018 20:00

Instrument :

MSVOA_X

ClientSampleId :

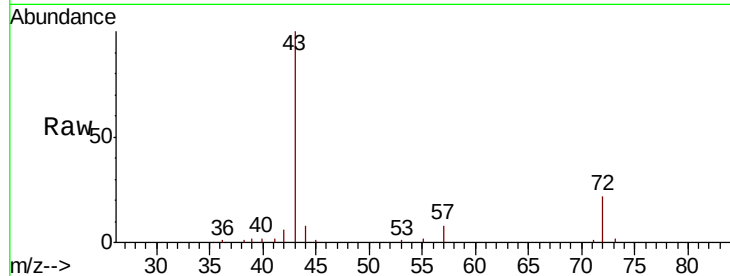
ROLLOFF-03_COMP_FILL

Tot Ion: 43 Resp: 15711

Ion Ratio Lower Upper

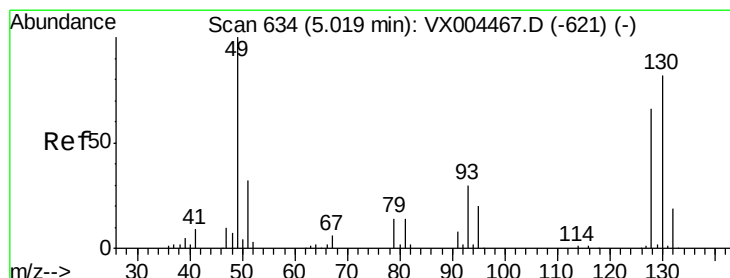
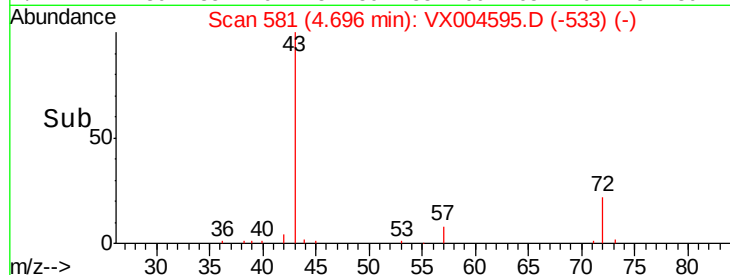
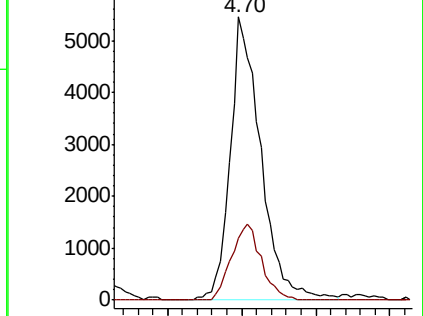
43 100

72 21.9 22.0 33.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#28

Bromochloromethane

Concen: 0.78 ug/l

RT: 5.04 min Scan# 637

Delta R.T. 0.02 min

Lab File: VX004595.D

Acq: 15 Sep 2018 20:00

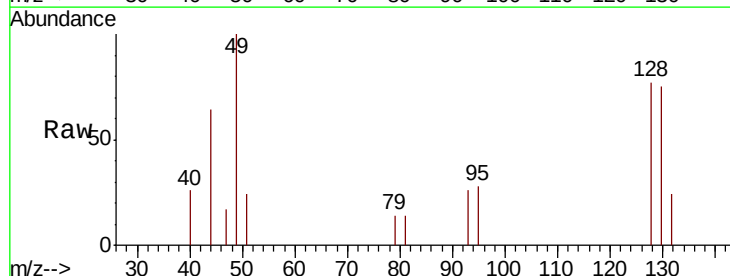
Tgt Ion: 49 Resp: 1846

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

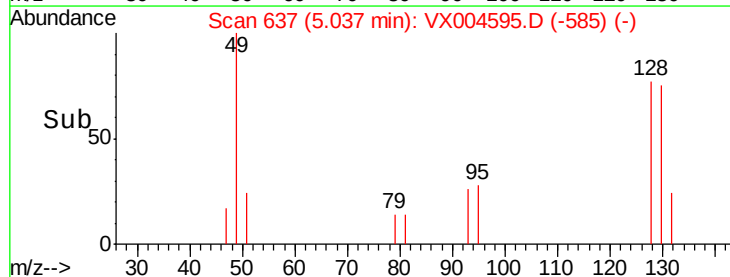
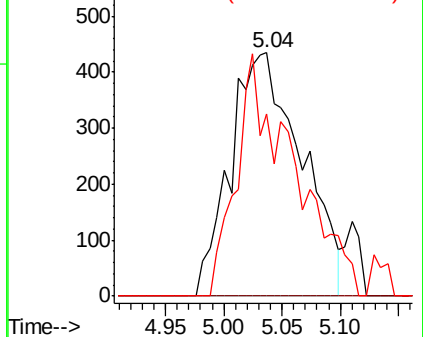
130 44.4 67.5 101.3#

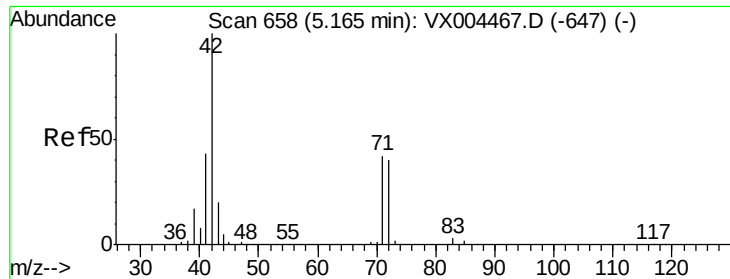


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

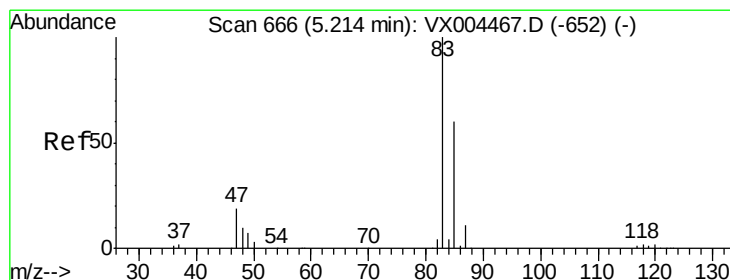
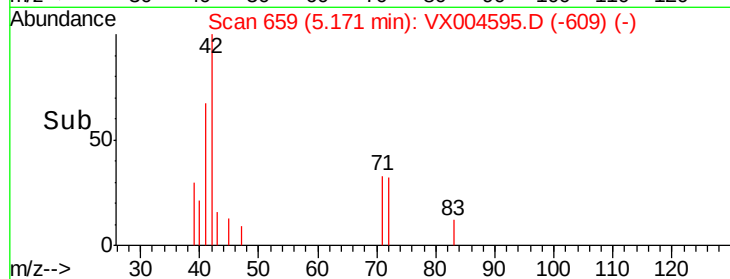
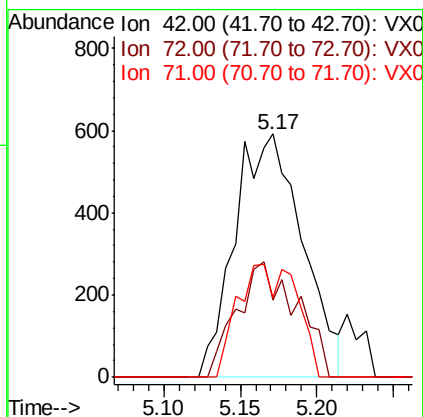
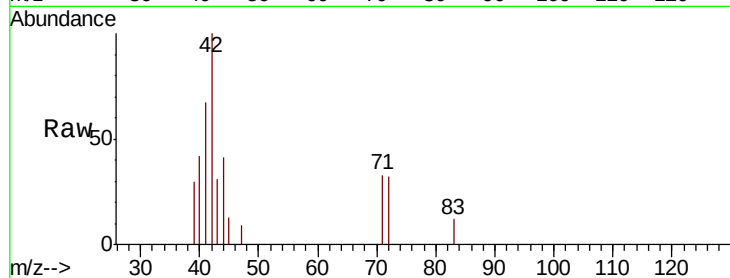




#29
Tetrahydrofuran
Concen: 1.27 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX004595.D
Acq: 15 Sep 2018 20:00

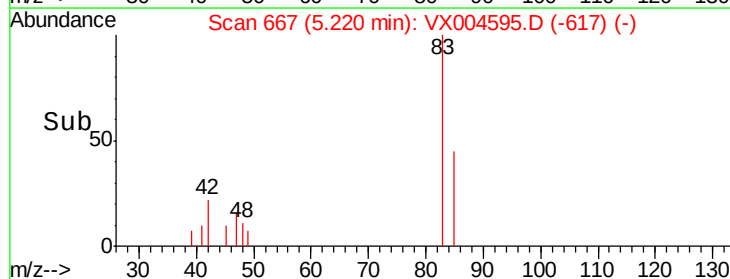
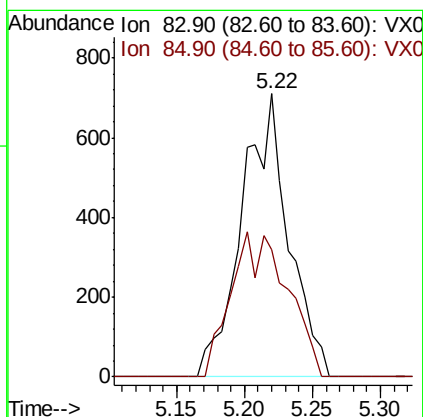
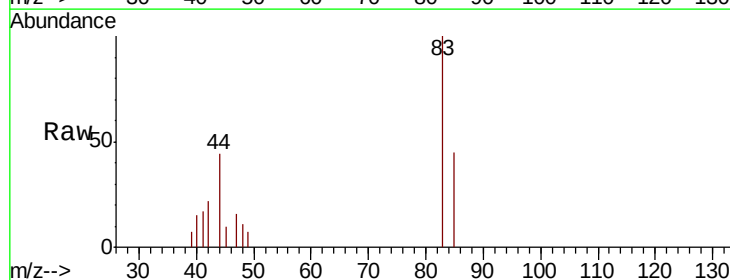
Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF-03_COMP_FILL

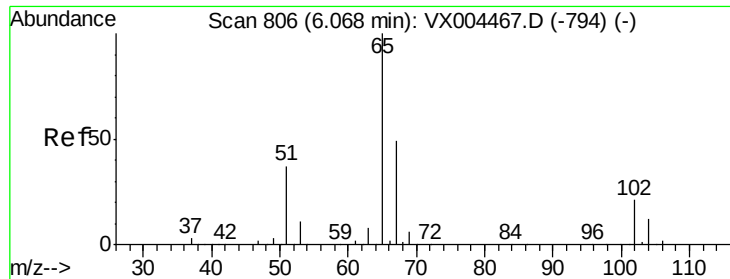
Tot Ion: 42 Resp: 1822
Ion Ratio Lower Upper
42 100
72 41.3 37.4 56.0
71 24.3 34.5 51.7#



#30
Chloroform
Concen: 0.34 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX004595.D
Acq: 15 Sep 2018 20:00

Tgt Ion: 83 Resp: 1719
Ion Ratio Lower Upper
83 100
85 44.8 52.6 79.0#

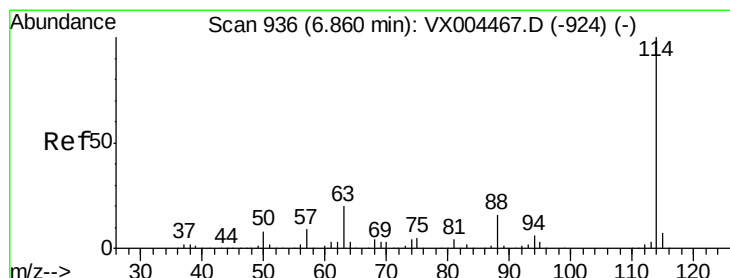
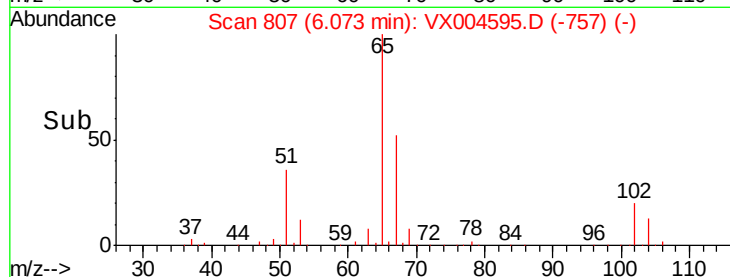
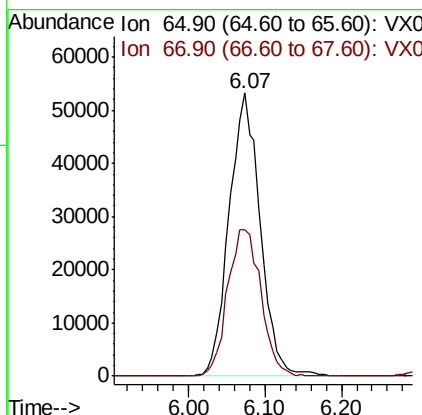
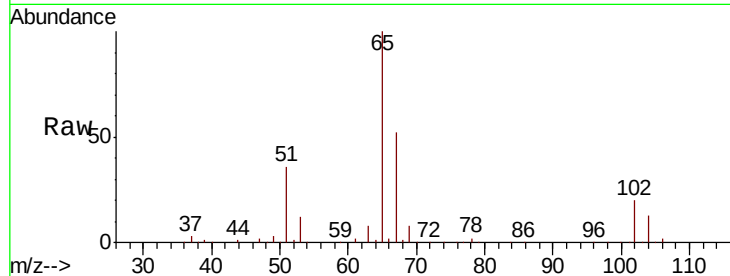




#33
 1,2-Dichloroethane-d4
 Concen: 48.76 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004595.D
 Acq: 15 Sep 2018 20:00

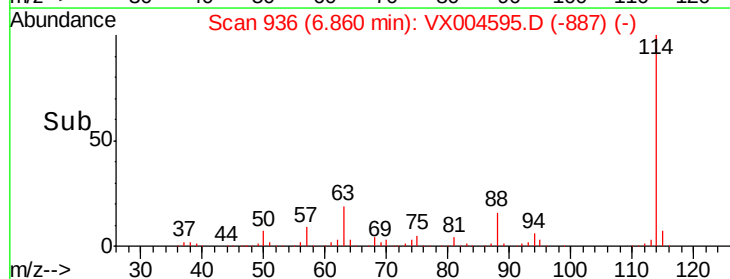
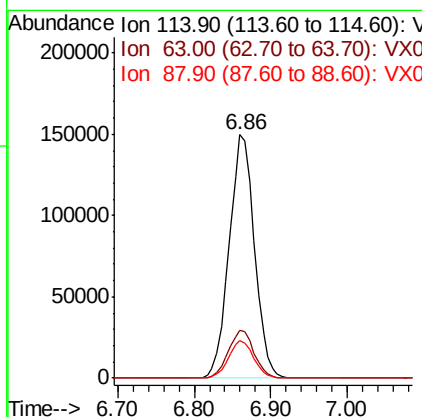
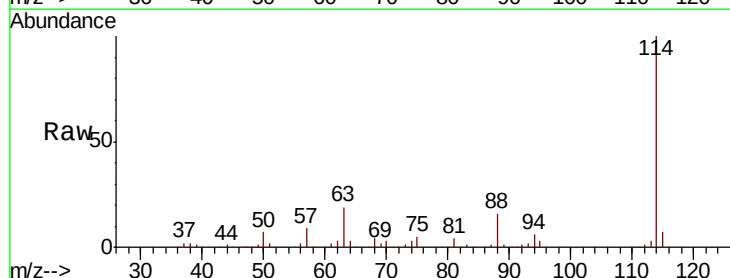
Instrument :
 MSVOA_X
 ClientSampleId :
 ROLLOFF-03_COMP_FILL

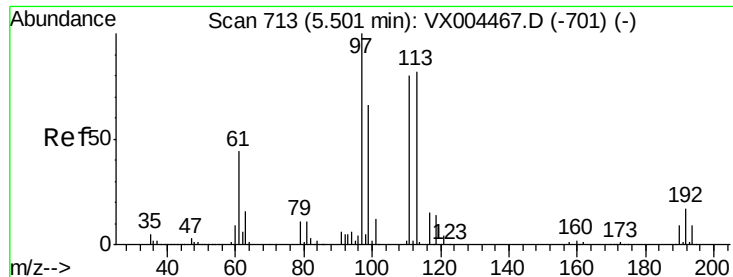
Tot Ion: 65 Resp: 149643
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004595.D
 Acq: 15 Sep 2018 20:00

Tgt Ion: 114 Resp: 342867
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.6 0.0 30.4





#35

Dibromofluoromethane

Concen: 46.96 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004595.D

Acq: 15 Sep 2018 20:00

Instrument :

MSVOA_X

ClientSampleId :

ROLLOFF-03_COMP_FILL

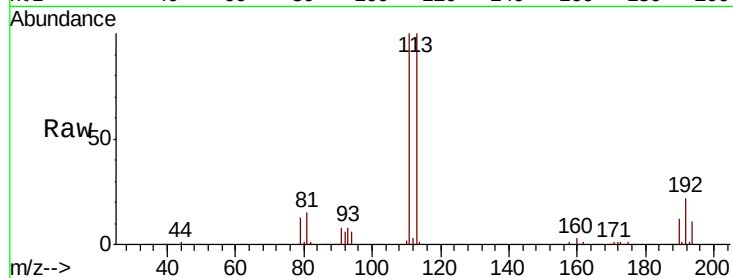
Tot Ion:113 Resp: 147329

Ion Ratio Lower Upper

113 100

111 99.3 82.4 123.6

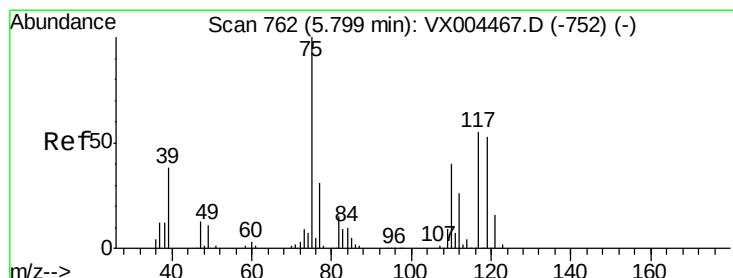
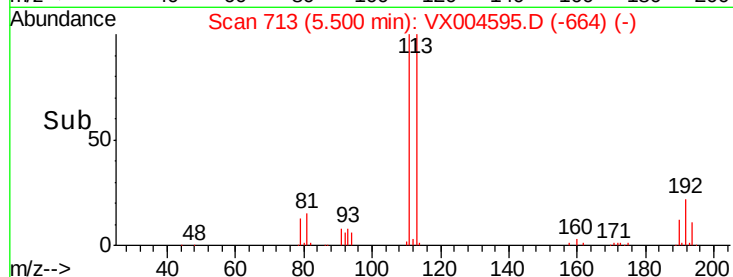
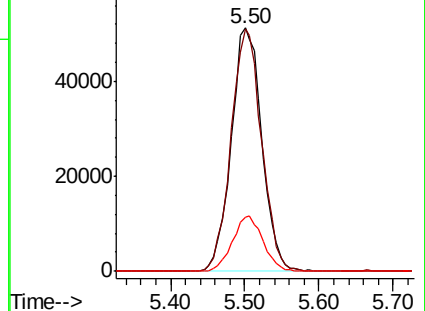
192 22.7 19.4 29.2



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: 3.68 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX004595.D

Acq: 15 Sep 2018 20:00

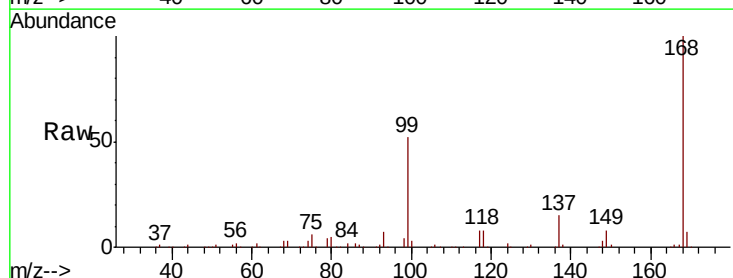
Tgt Ion: 75 Resp: 15302

Ion Ratio Lower Upper

75 100

110 8.8 18.0 54.0#

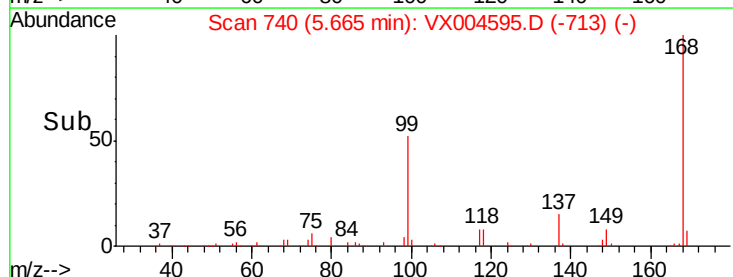
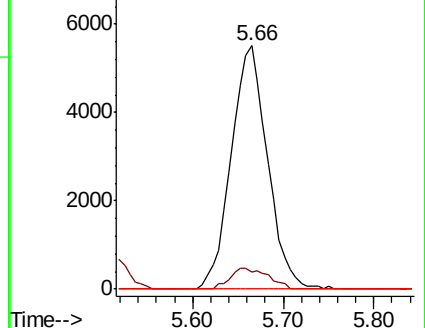
77 0.0 24.6 36.8#

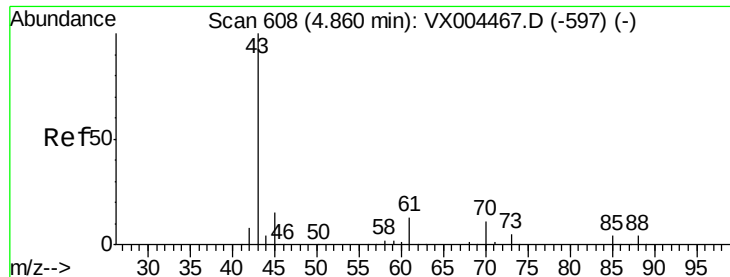


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 3.32 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.16 min

Lab File: VX004595.D

Acq: 15 Sep 2018 20:00

Instrument :

MSVOA_X

ClientSampleId :

ROLLOFF-03_COMP_FILL

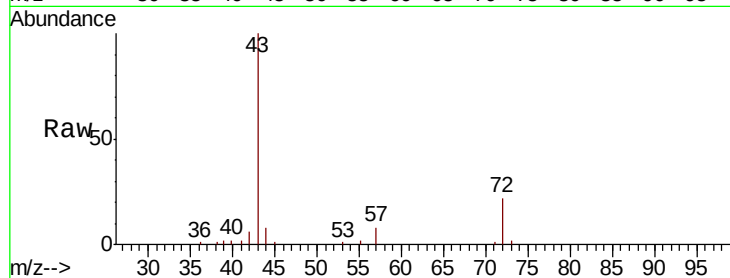
Tot Ion: 43 Resp: 15711

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

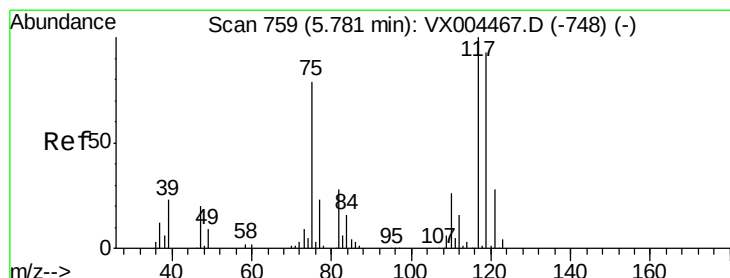
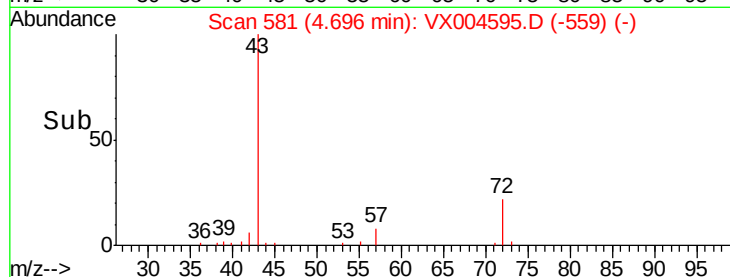
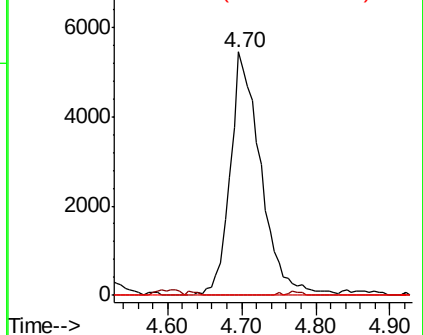
70 0.0 9.0 13.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 4.95 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX004595.D

Acq: 15 Sep 2018 20:00

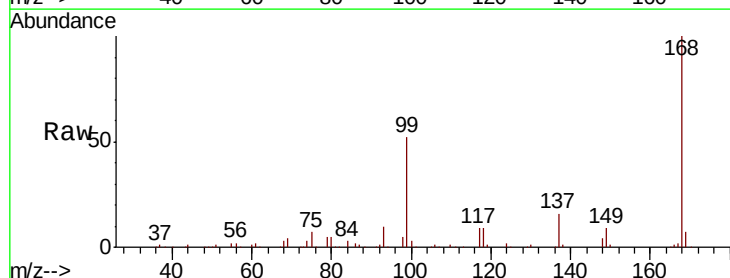
Tgt Ion: 117 Resp: 20142

Ion Ratio Lower Upper

117 100

119 7.3 78.8 118.2#

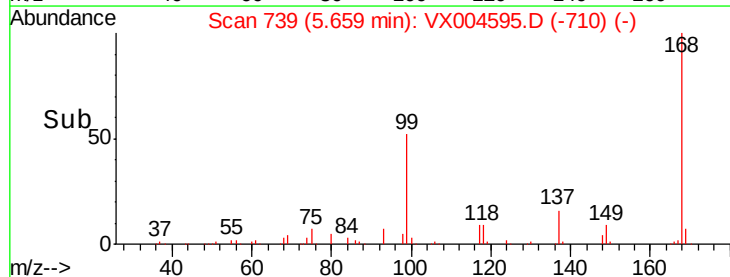
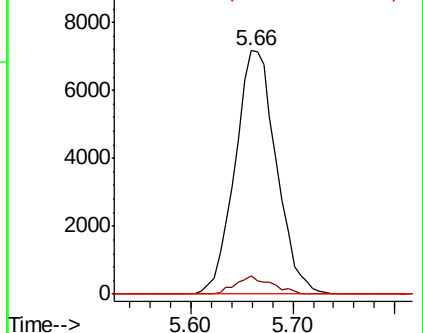
121 0.0 24.9 37.3#

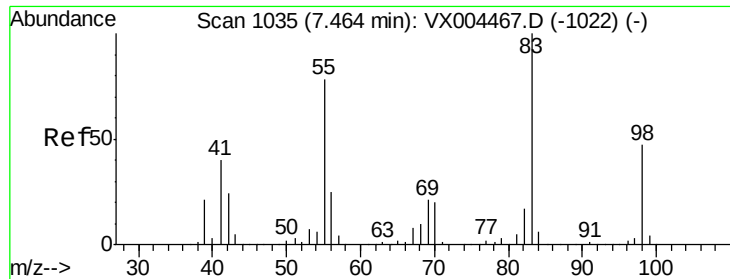


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

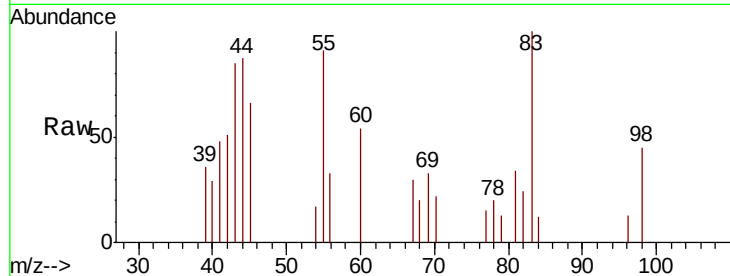




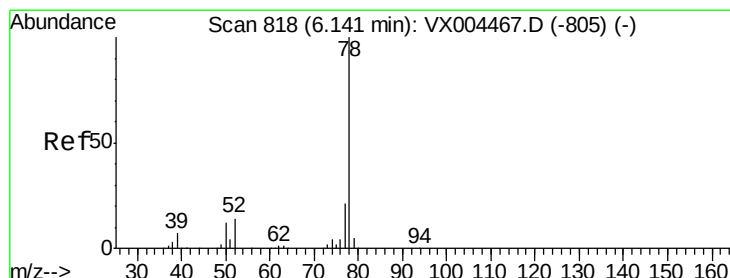
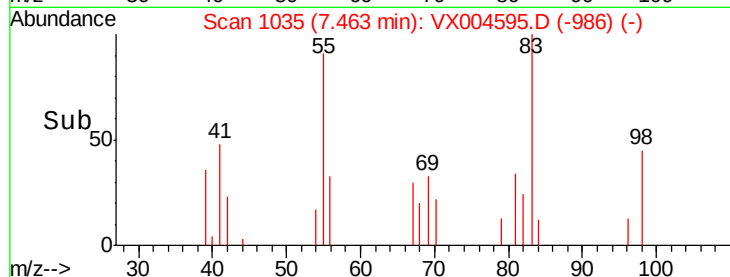
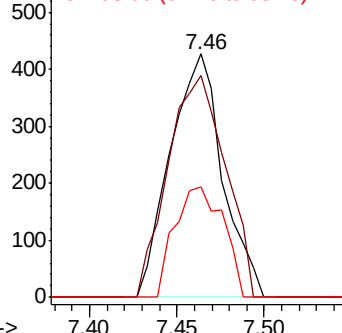
#39
Methvlcvclohexane
Concen: 0.21 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004595.D
Acq: 15 Sep 2018 20:00

Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF-03_COMP_FILL

Tot Ion: 83 Resp: 891
Ion Ratio Lower Upper
83 100
55 91.3 61.0 91.4
98 45.2 39.6 59.4

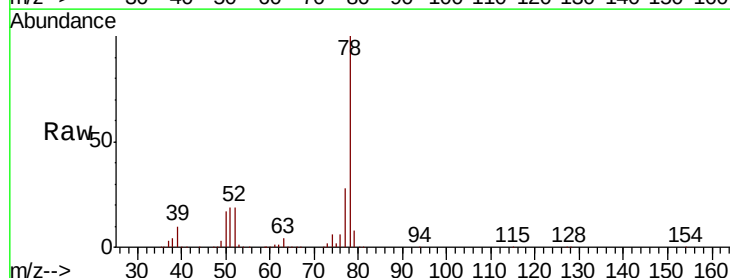


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

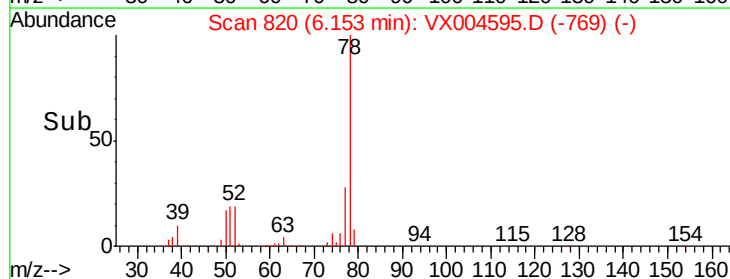
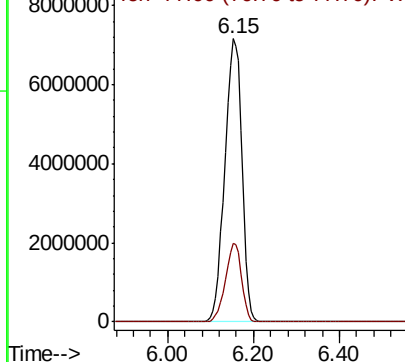


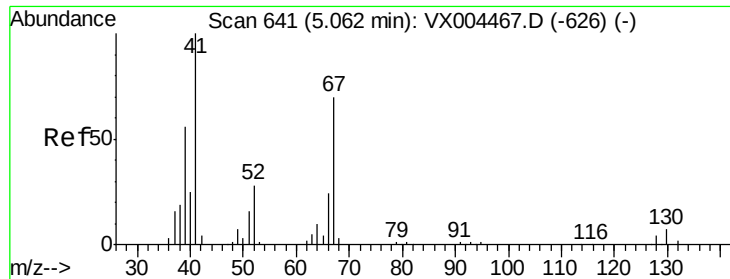
#40
Benzene
Concen: 1641.09 ug/l
RT: 6.15 min Scan# 820
Delta R.T. 0.01 min
Lab File: VX004595.D
Acq: 15 Sep 2018 20:00

Tgt Ion: 78 Resp: 20268482
Ion Ratio Lower Upper
78 100
77 27.8 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 0.56 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.11 min

Lab File: VX004595.D

Acq: 15 Sep 2018 20:00

Instrument :

MSVOA_X

ClientSampleId :

ROLLOFF-03_COMP_FILL

Tot Ion: 41 Resp: 1456

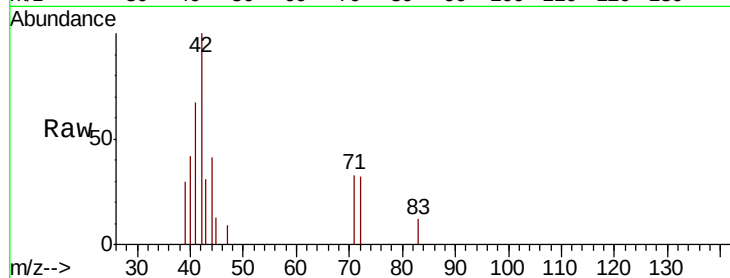
Ion Ratio Lower Upper

41 100

39 31.1 42.4 63.6#

67 0.0 59.2 88.8#

52 0.0 23.0 34.4#

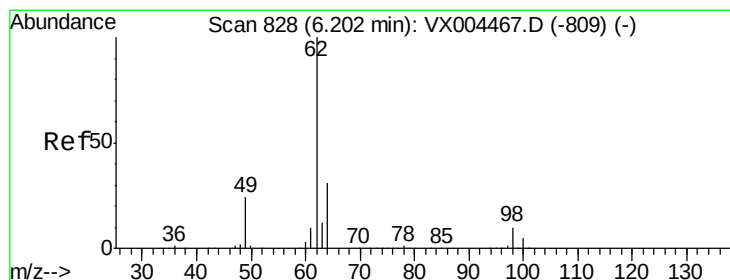
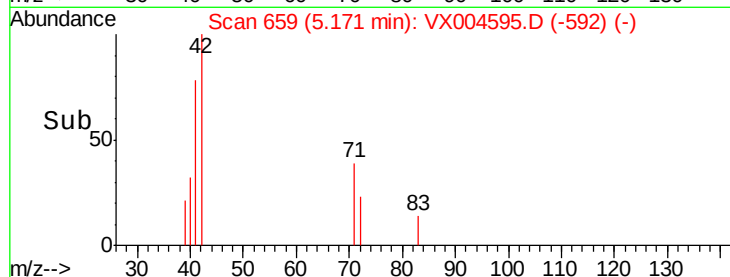
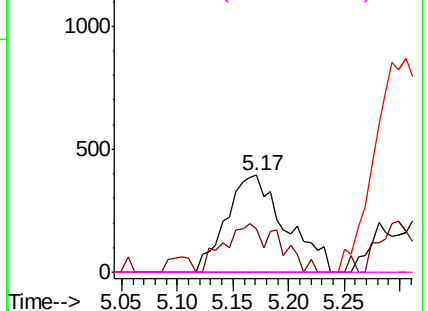


Abundance Ion 41.00 (40.70 to 41.70): VX0

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



#42

1,2-Dichloroethane

Concen: 43.12 ug/l

RT: 6.16 min Scan# 821

Delta R.T. -0.04 min

Lab File: VX004595.D

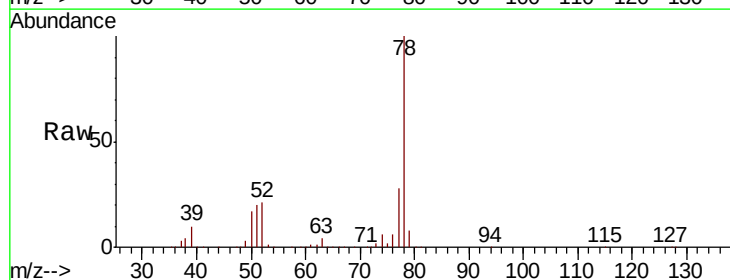
Acq: 15 Sep 2018 20:00

Tgt Ion: 62 Resp: 176642

Ion Ratio Lower Upper

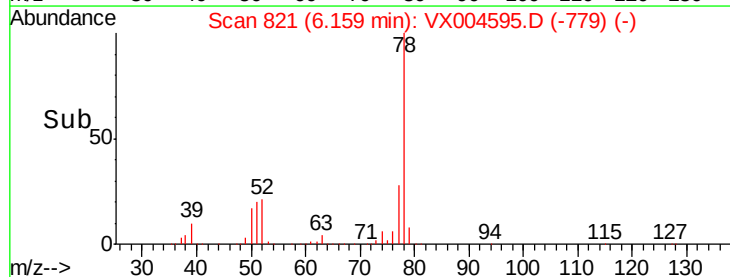
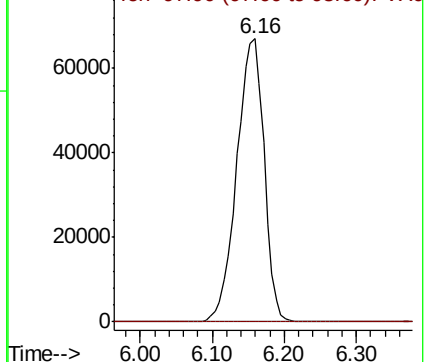
62 100

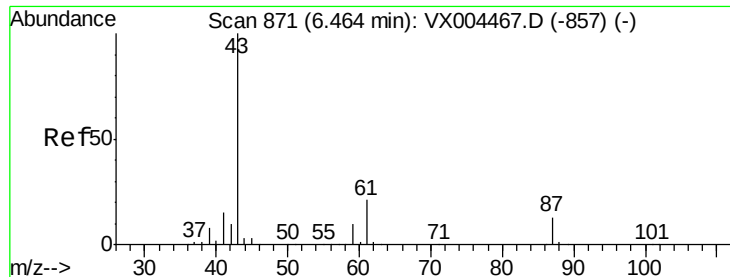
98 0.0 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.73 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX004595.D

Acq: 15 Sep 2018 20:00

Instrument :

MSVOA_X

ClientSampleId :

ROLLOFF-03_COMP_FILL

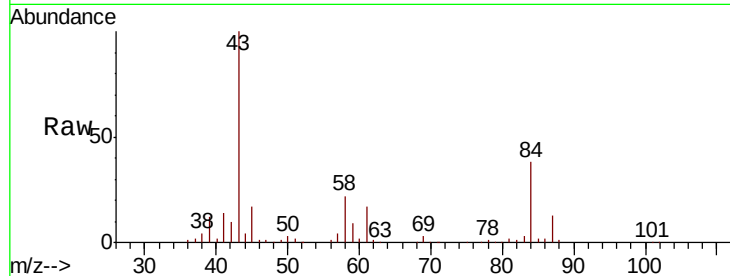
Tot Ion: 43 Resp: 130331

Ion Ratio Lower Upper

43 100

61 21.1 17.0 25.4

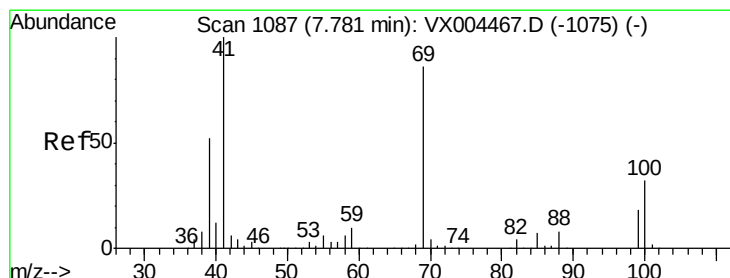
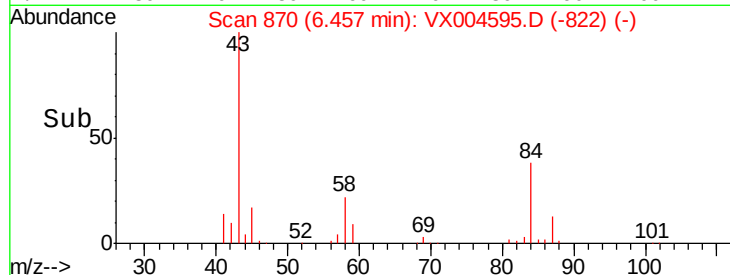
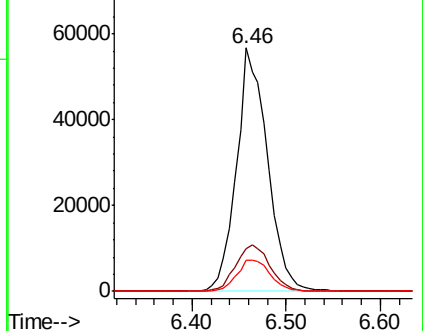
87 14.1 11.4 17.2



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

Methyl methacrylate

Concen: 1.68 ug/l

RT: 7.69 min Scan# 1072

Delta R.T. -0.09 min

Lab File: VX004595.D

Acq: 15 Sep 2018 20:00

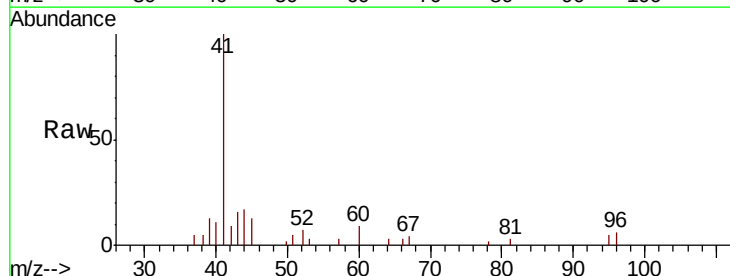
Tgt Ion: 41 Resp: 5214

Ion Ratio Lower Upper

41 100

69 0.0 70.2 105.4#

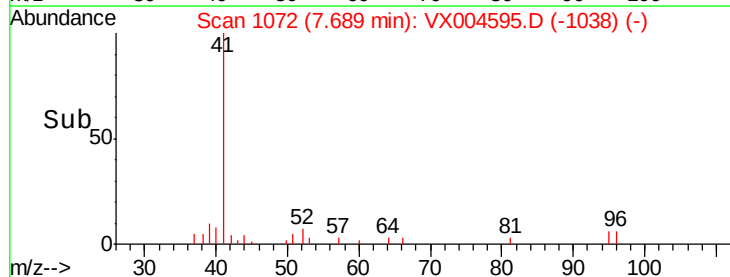
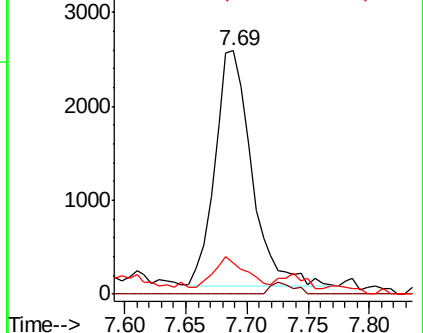
39 16.0 42.7 64.1#

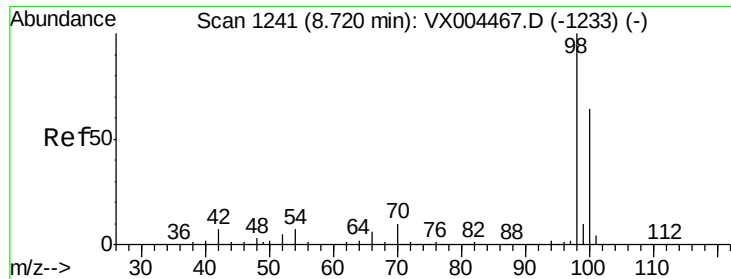


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

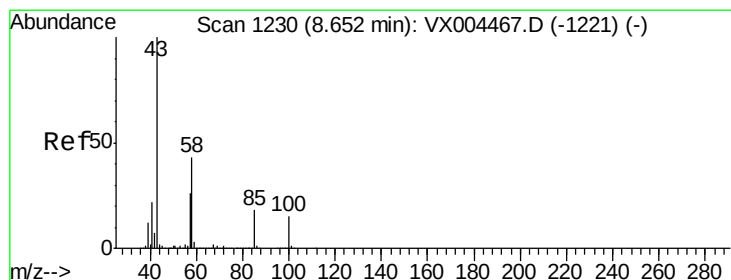
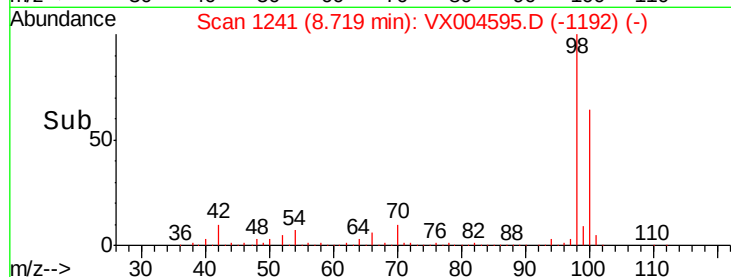
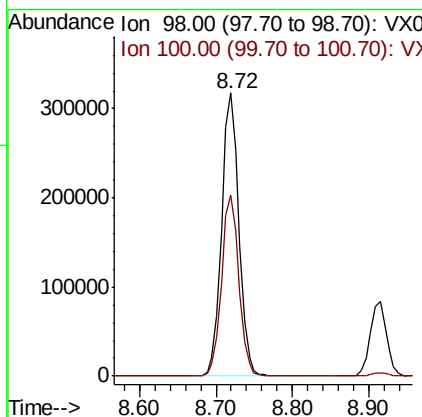
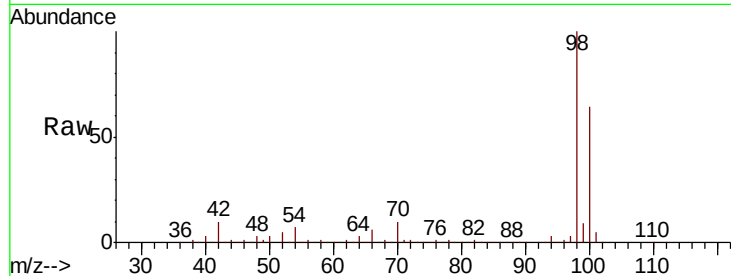




#50
Toluene-d8
Concen: 46.95 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004595.D
Acq: 15 Sep 2018 20:00

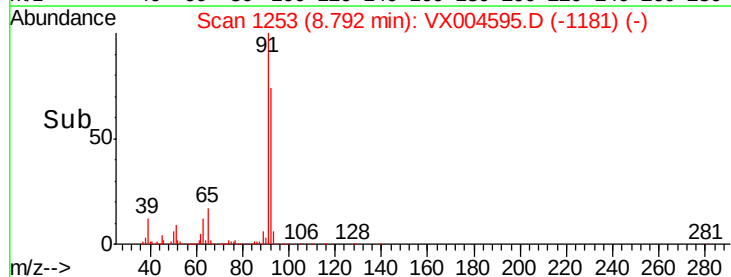
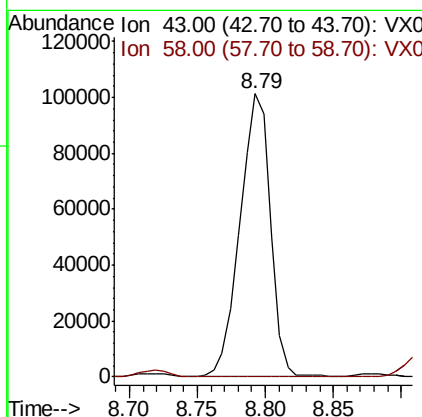
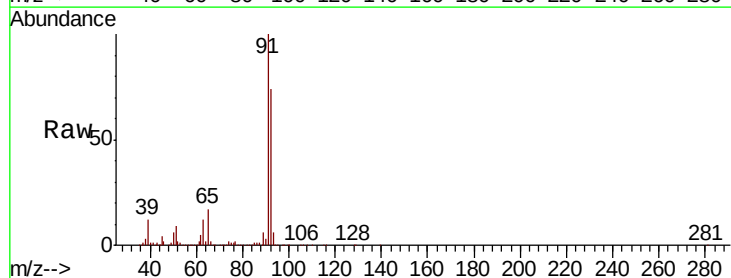
Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF-03_COMP_FILL

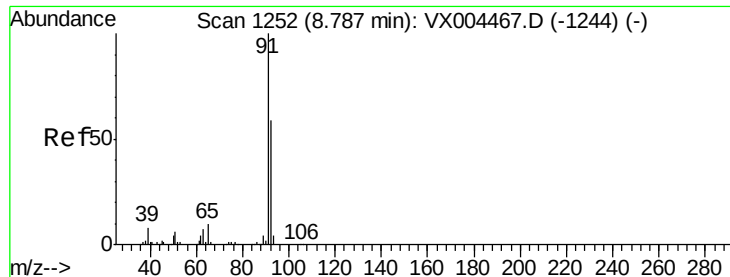
Tot Ion: 98 Resp: 493981
Ion Ratio Lower Upper
98 100
100 64.0 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 35.45 ug/l
RT: 8.79 min Scan# 1253
Delta R.T. 0.14 min
Lab File: VX004595.D
Acq: 15 Sep 2018 20:00

Tgt Ion: 43 Resp: 157292
Ion Ratio Lower Upper
43 100
58 0.0 33.1 49.7#





#52

Toluene

Concen: 1433.79 ug/l

RT: 8.79 min Scan# 1253

Delta R.T. 0.01 min

Lab File: VX004595.D

Acq: 15 Sep 2018 20:00

Instrument :

MSVOA_X

ClientSampleId :

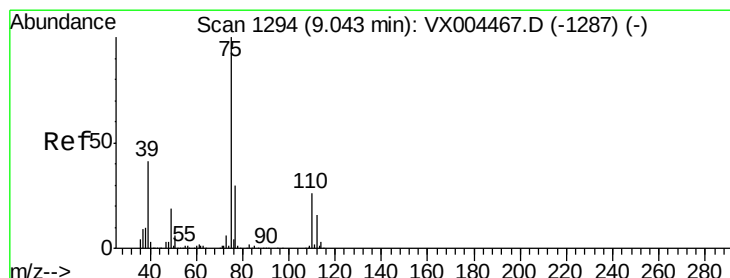
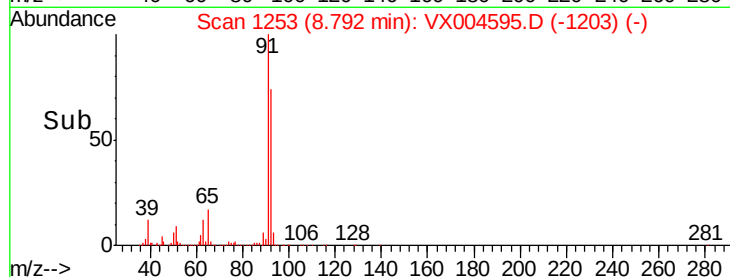
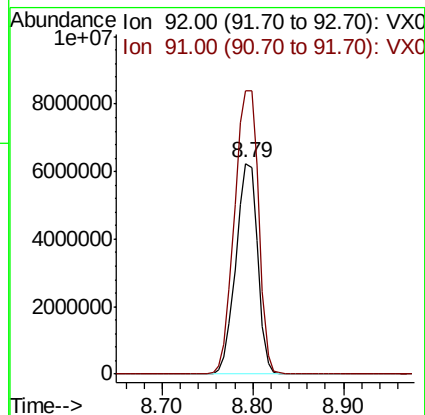
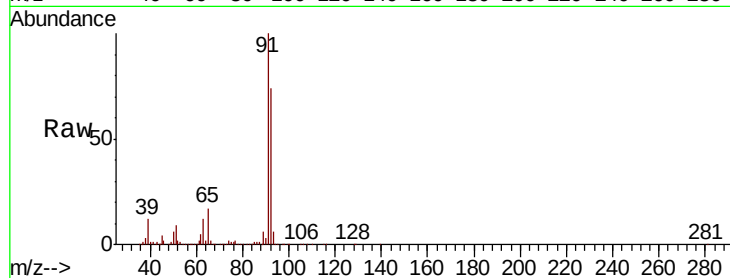
ROLLOFF-03_COMP_FILL

Tot Ion: 92 Resp:10433177

Ion Ratio Lower Upper

92 100

91 148.5 136.4 204.6



#53

t-1,3-Dichloropropene

Concen: 30.35 ug/l

RT: 8.79 min Scan# 1253

Delta R.T. -0.25 min

Lab File: VX004595.D

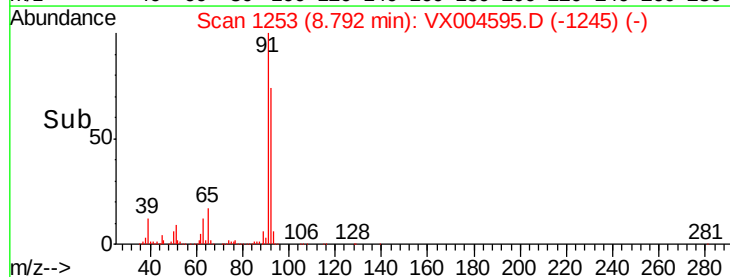
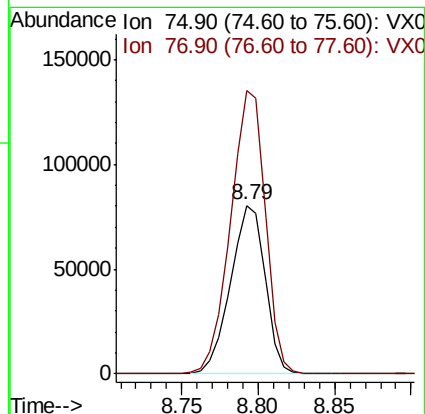
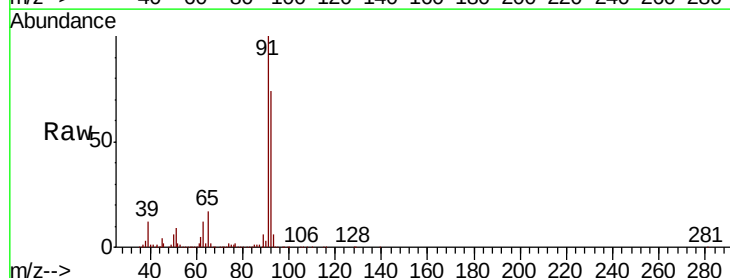
Acq: 15 Sep 2018 20:00

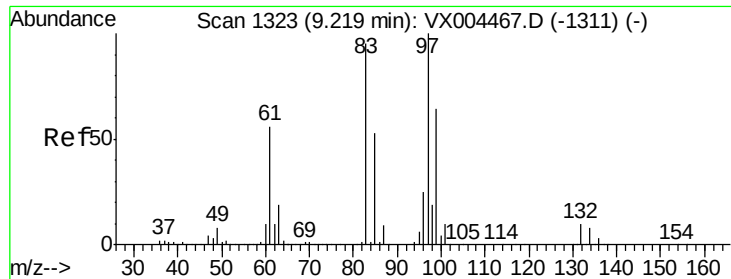
Tgt Ion: 75 Resp: 125863

Ion Ratio Lower Upper

75 100

77 167.7 24.6 37.0#

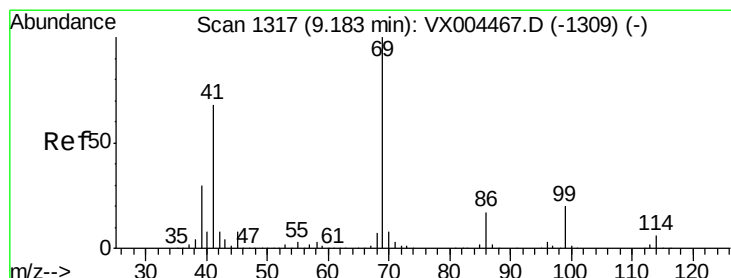
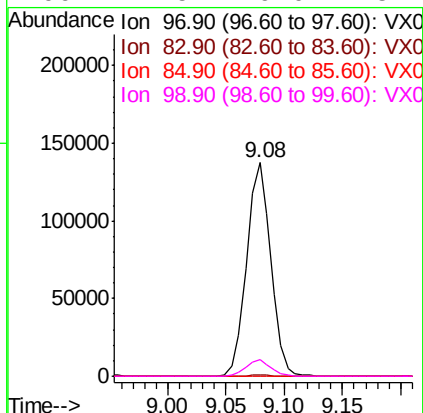
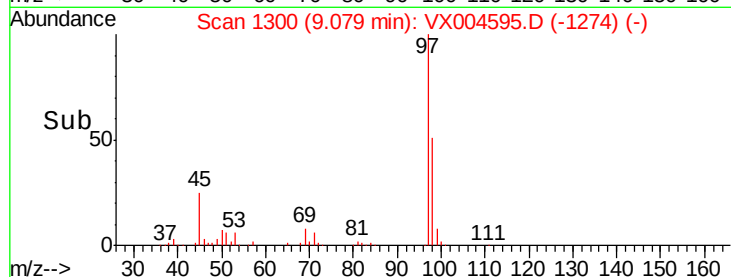
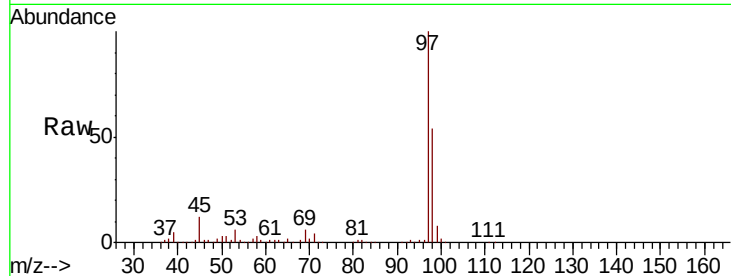




#55
 1,1,2-Trichloroethane
 Concen: 63.41 ug/l
 RT: 9.08 min Scan# 1300
 Delta R.T. -0.14 min
 Lab File: VX004595.D
 Acq: 15 Sep 2018 20:00

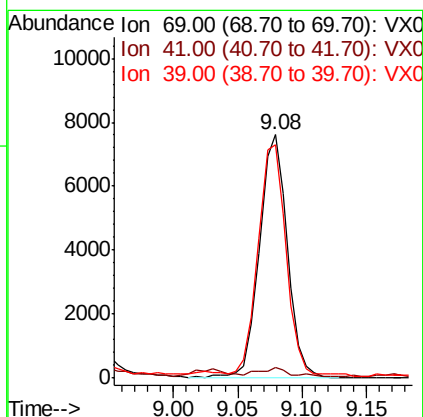
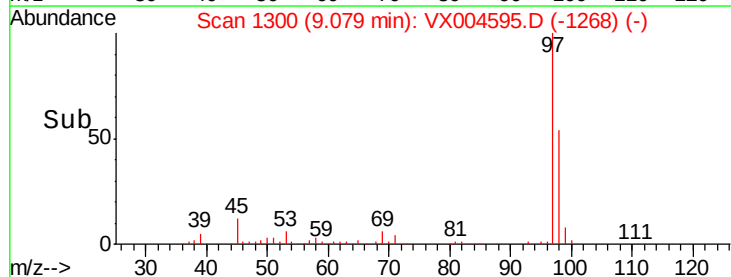
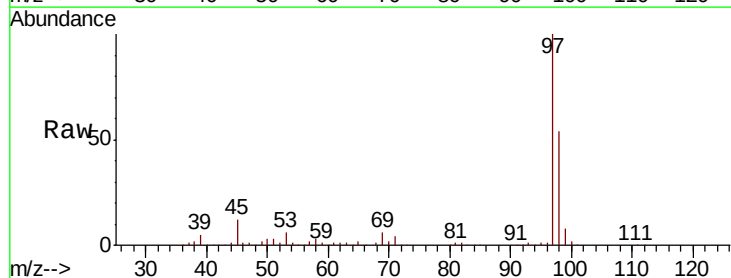
Instrument :
 MSVOA_X
 ClientSampleId :
 ROLLOFF-03_COMP_FILL

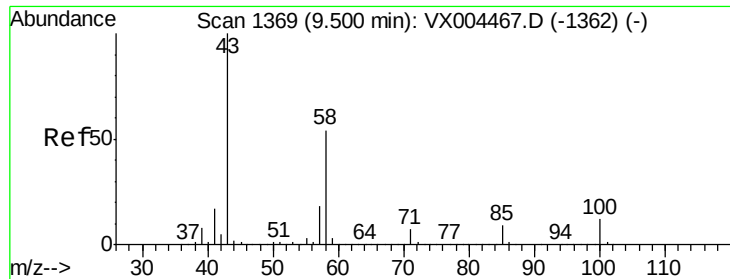
Tot Ion:	97	Resp:	198684
Ion	Ratio	Lower	Upper
97	100		
83	0.4	66.4	99.6#
85	0.1	43.3	64.9#
99	7.5	49.0	73.4#



#56
 Ethyl methacrylate
 Concen: 2.58 ug/l
 RT: 9.08 min Scan# 1300
 Delta R.T. -0.10 min
 Lab File: VX004595.D
 Acq: 15 Sep 2018 20:00

Tgt Ion:	69	Resp:	11427
Ion	Ratio	Lower	Upper
69	100		
41	3.6	51.0	76.4#
39	95.7	26.1	39.1#

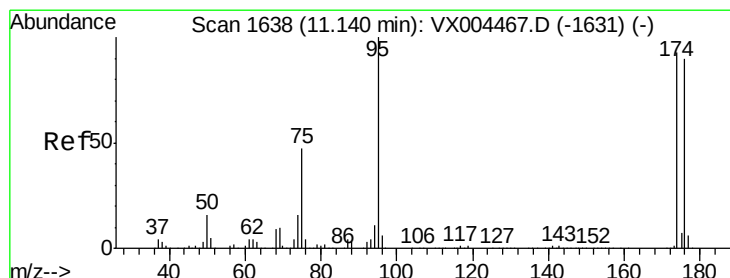
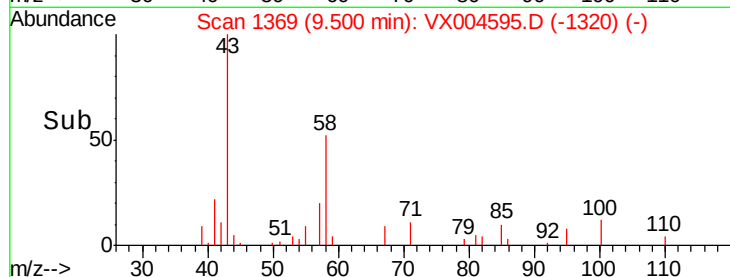
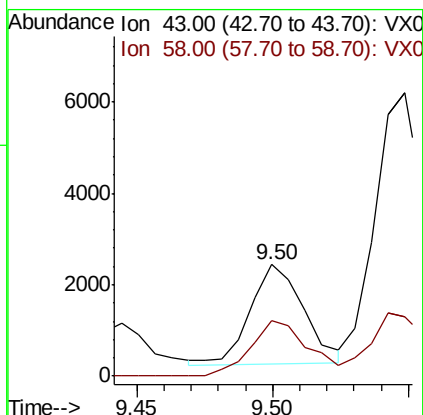
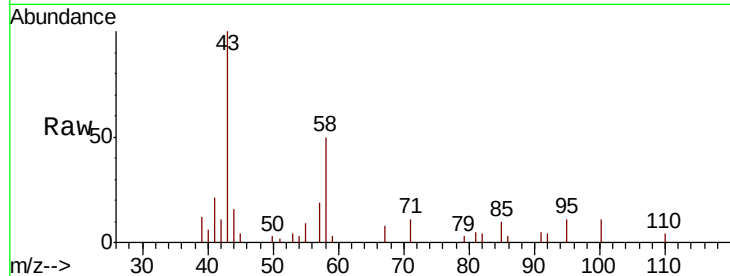




#59
2-Hexanone
Concen: 0.87 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004595.D
Acq: 15 Sep 2018 20:00

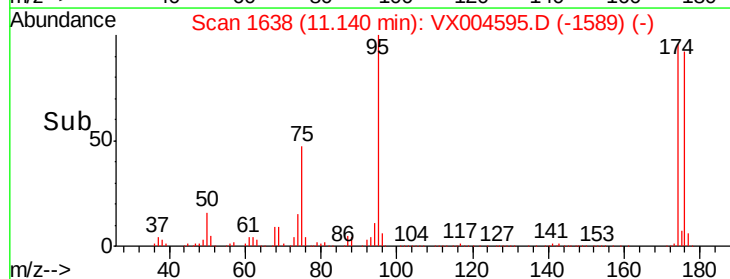
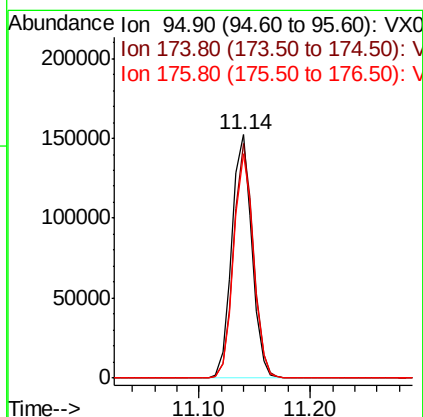
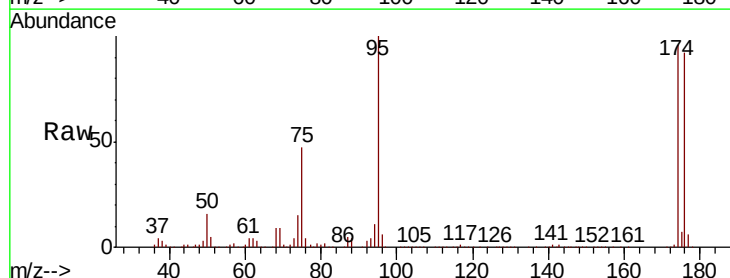
Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF-03_COMP_FILL

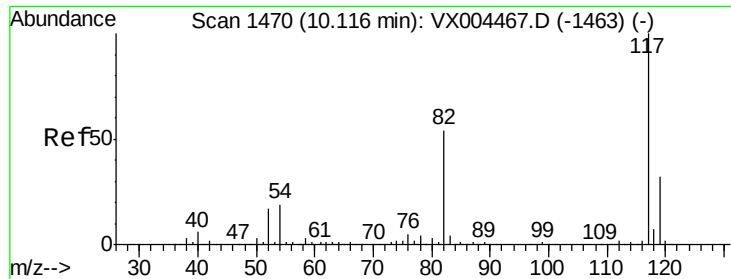
Tot Ion: 43 Resp: 2975
Ion Ratio Lower Upper
43 100
58 59.9 29.0 87.0



#62
4-Bromofluorobenzene
Concen: 50.56 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004595.D
Acq: 15 Sep 2018 20:00

Tgt Ion: 95 Resp: 189878
Ion Ratio Lower Upper
95 100
174 95.0 0.0 185.2
176 91.7 0.0 178.6

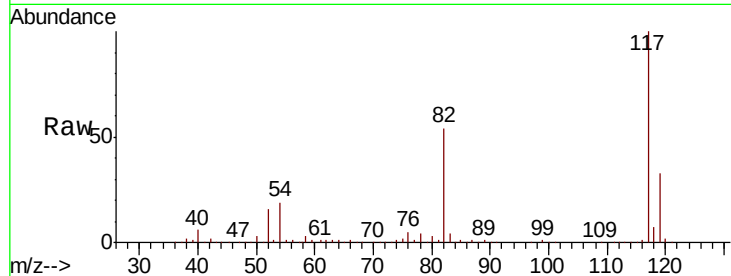




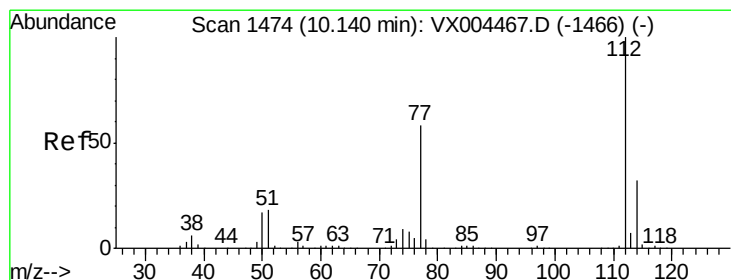
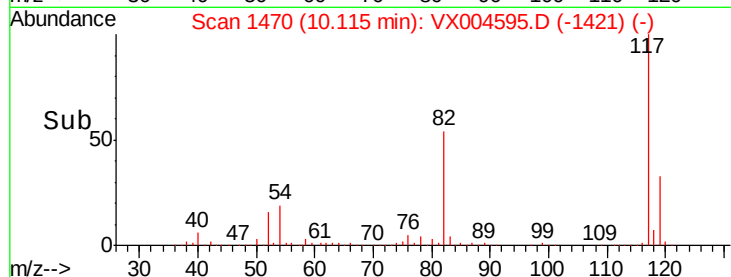
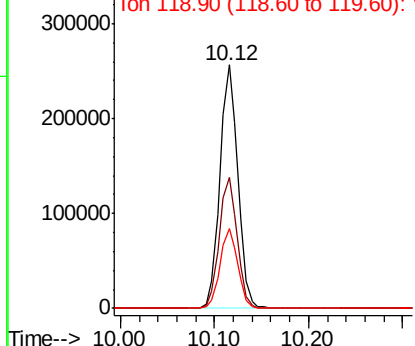
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004595.D
Acq: 15 Sep 2018 20:00

Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF-03_COMP_FILL

Tot Ion:117 Resp: 337898
Ion Ratio Lower Upper
117 100
82 53.6 47.8 71.6
119 32.5 29.3 43.9

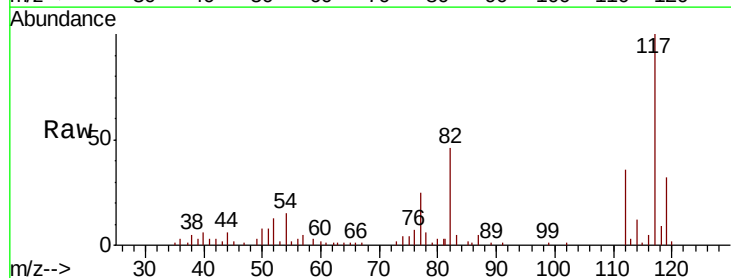


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

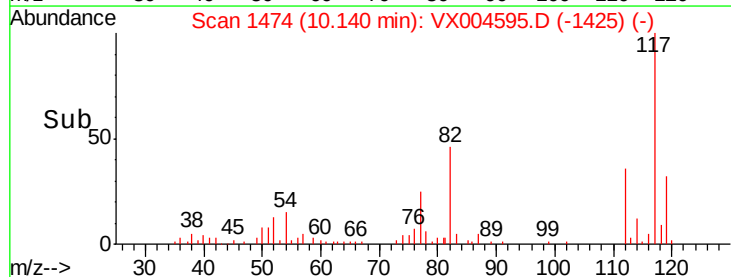
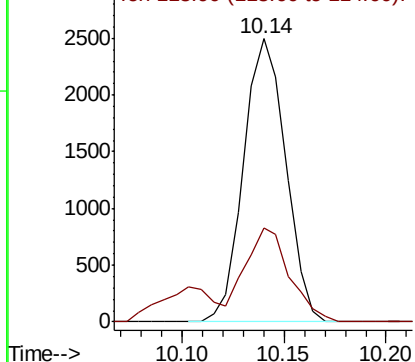


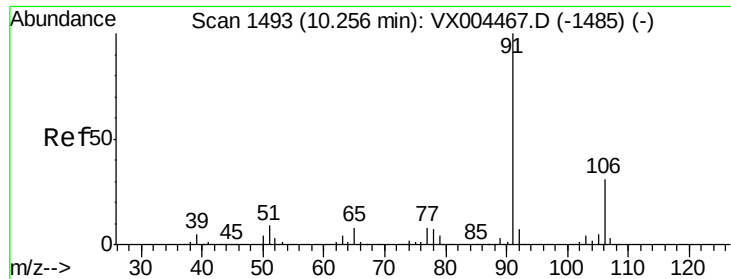
#65
Chlorobenzene
Concen: 0.43 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004595.D
Acq: 15 Sep 2018 20:00

Tgt Ion:112 Resp: 3580
Ion Ratio Lower Upper
112 100
114 33.3 27.8 41.8



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

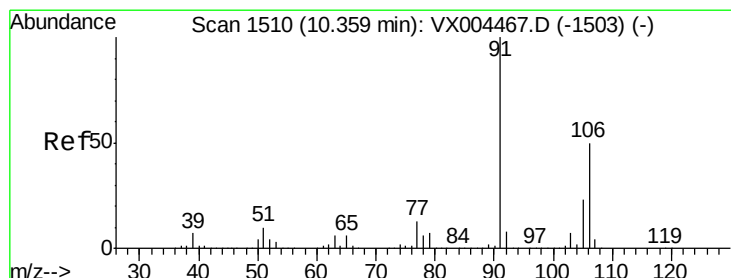
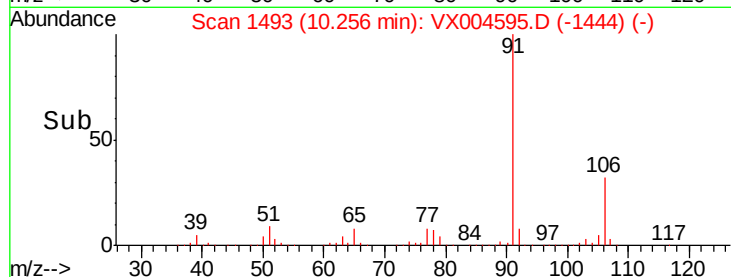
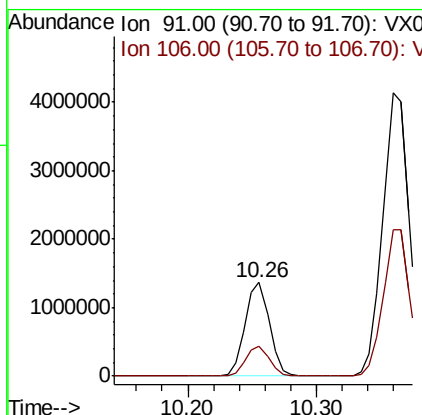
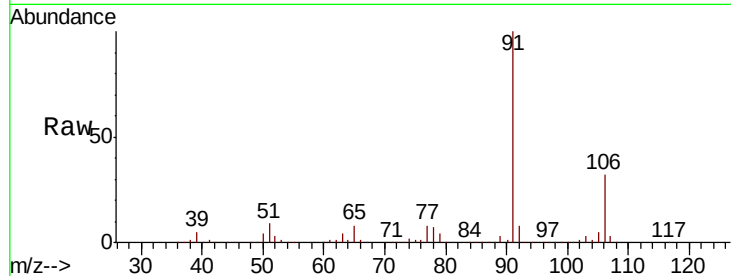




#67
Ethyl Benzene
Concen: 129.68 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004595.D
Acq: 15 Sep 2018 20:00

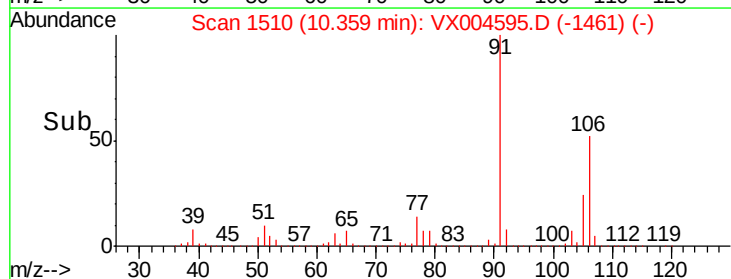
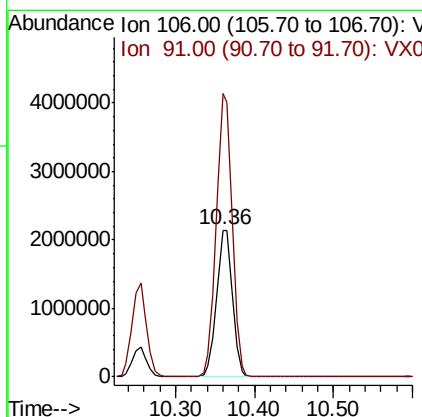
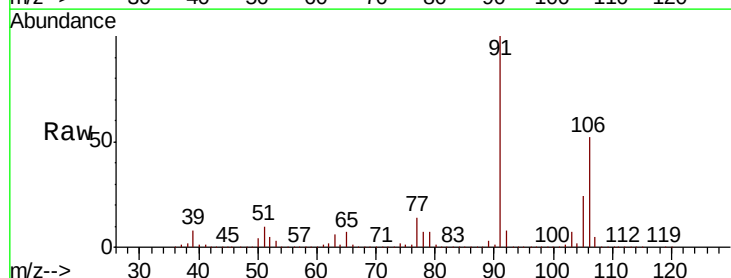
Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF-03_COMP_FILL

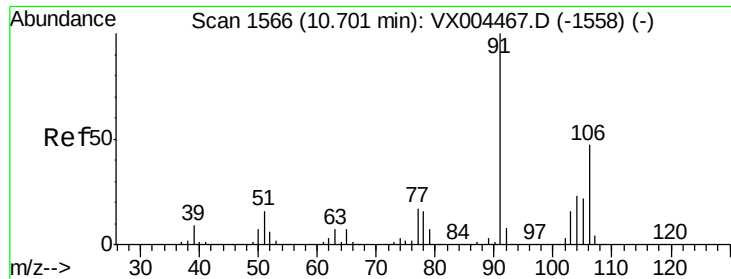
Tot Ion: 91 Resp: 1769882
Ion Ratio Lower Upper
91 100
106 31.9 25.9 38.9



#68
m/p-Xylenes
Concen: 573.52 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004595.D
Acq: 15 Sep 2018 20:00

Tgt Ion: 106 Resp: 3015048
Ion Ratio Lower Upper
106 100
91 193.7 157.1 235.7

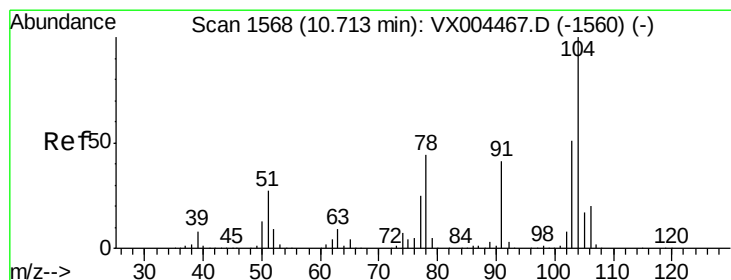
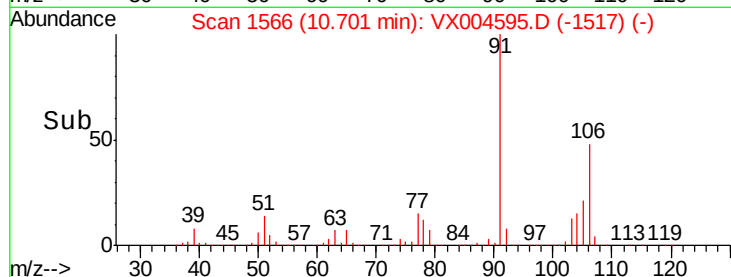
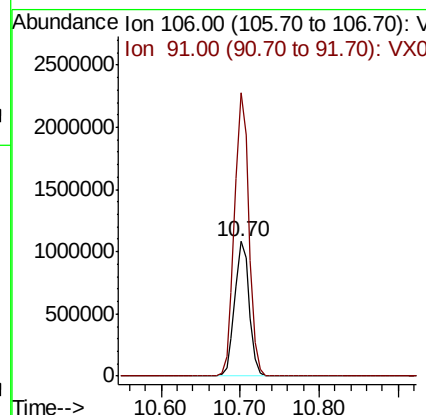
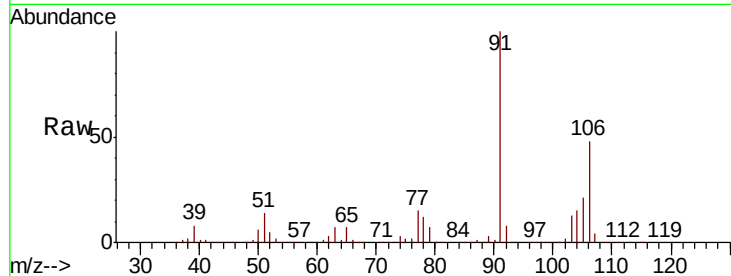




#69
o-Xylene
Concen: 274.07 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004595.D
Acq: 15 Sep 2018 20:00

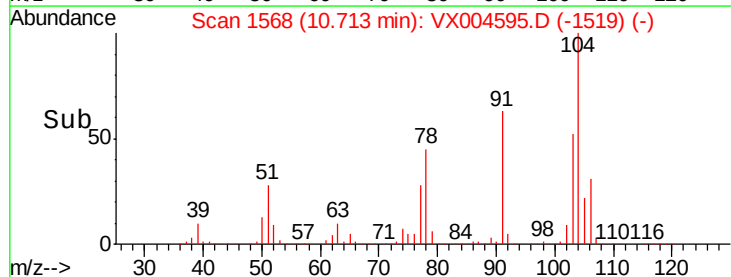
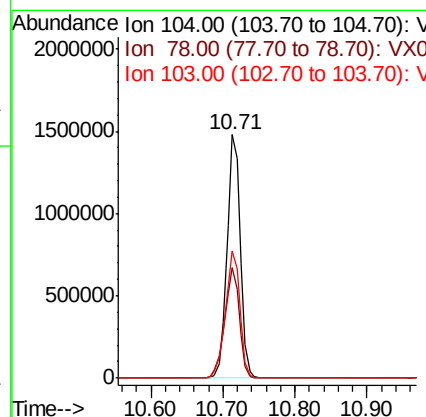
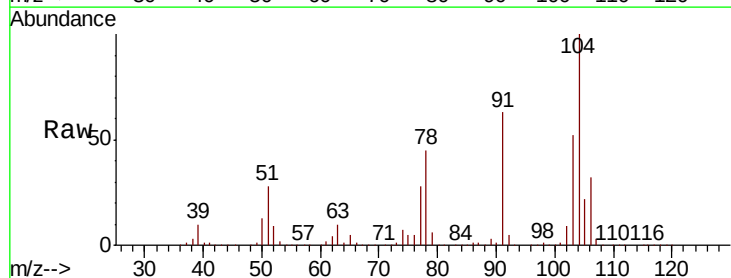
Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF-03_COMP_FILL

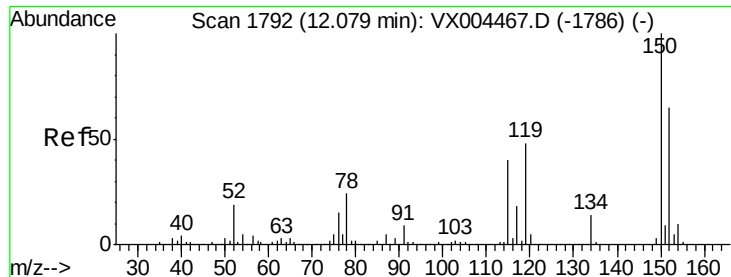
Tot Ion:106 Resp: 1385173
Ion Ratio Lower Upper
106 100
91 209.6 105.1 315.1



#70
Styrene
Concen: 225.29 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004595.D
Acq: 15 Sep 2018 20:00

Tgt Ion:104 Resp: 1886366
Ion Ratio Lower Upper
104 100
78 49.8 37.4 56.0
103 57.0 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: VX004595.D

Acq: 15 Sep 2018 20:00

Instrument :

MSVOA_X

ClientSampleId :

ROLLOFF-03_COMP_FILL

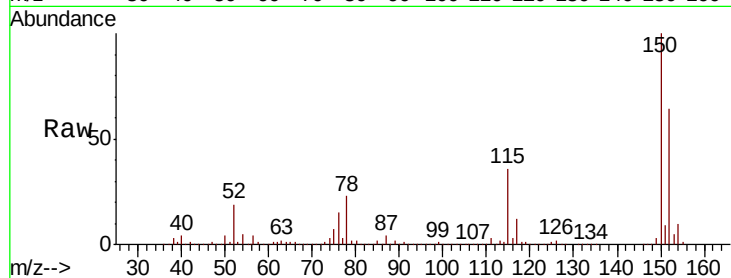
Tot Ion:152 Resp: 209858

Ion Ratio Lower Upper

152 100

115 54.7 39.0 117.0

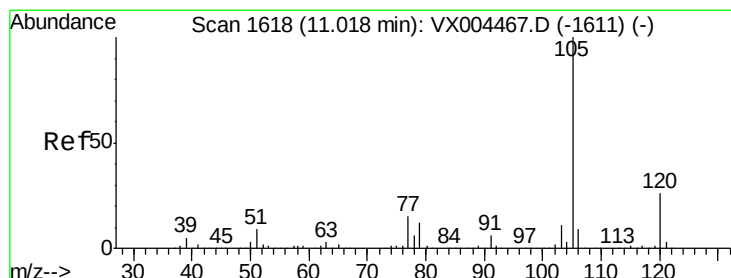
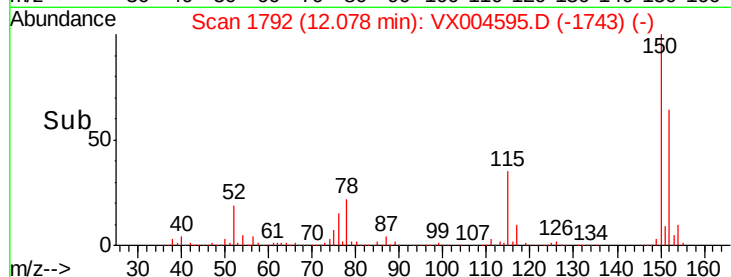
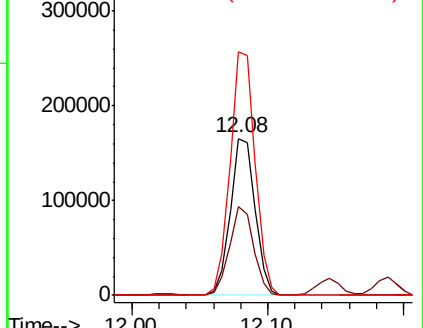
150 156.3 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.50 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004595.D

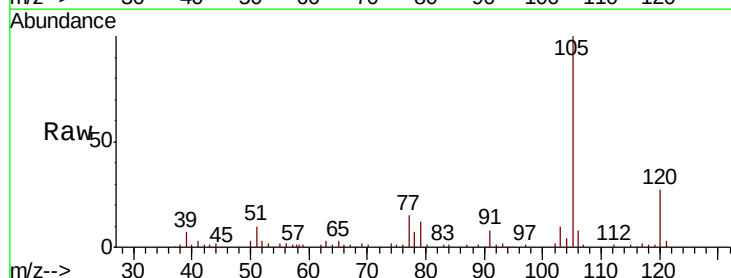
Acq: 15 Sep 2018 20:00

Tgt Ion:105 Resp: 20719

Ion Ratio Lower Upper

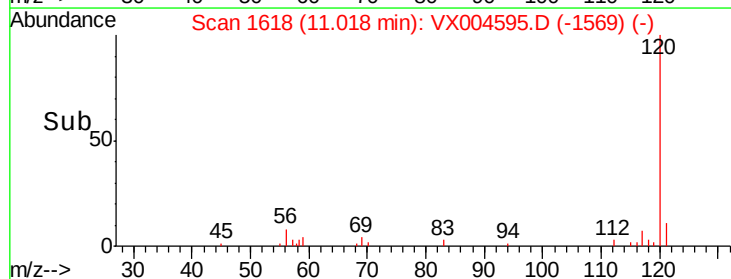
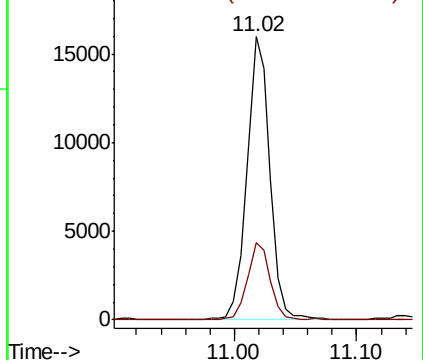
105 100

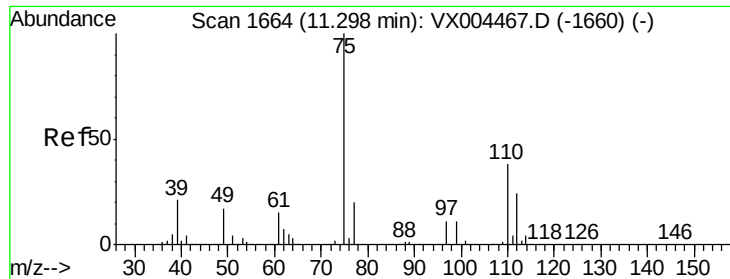
120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

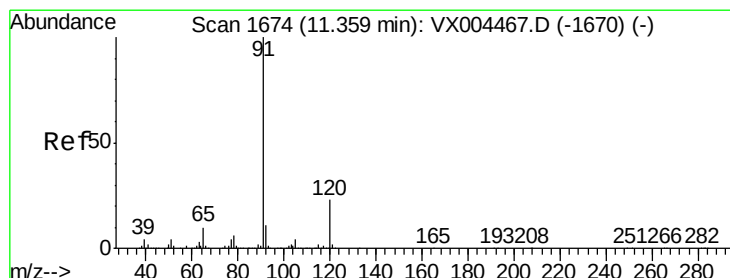
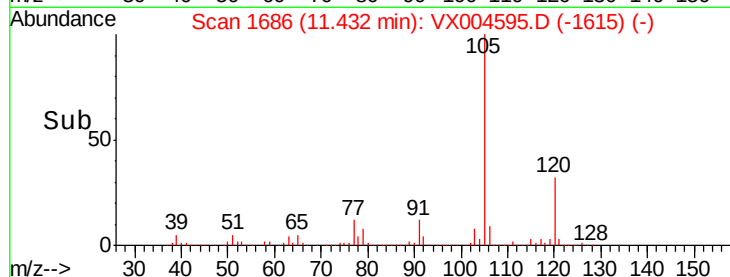
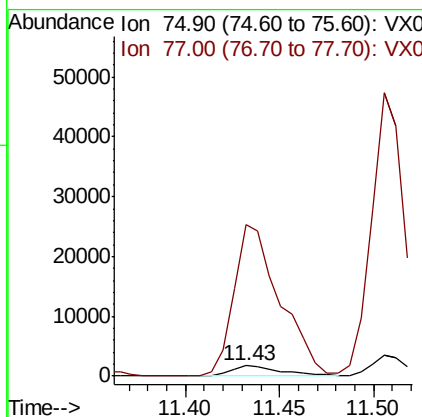
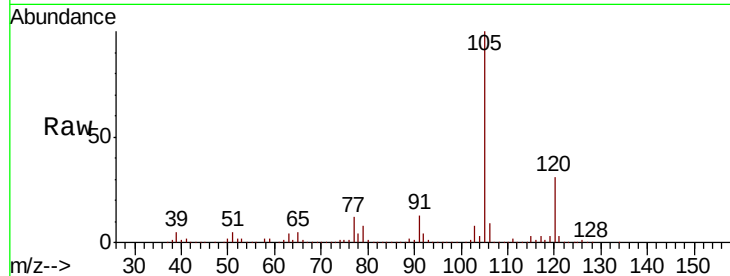




#76
 1,2,3-Trichloropropane
 Concen: 0.76 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.13 min
 Lab File: VX004595.D
 Acq: 15 Sep 2018 20:00

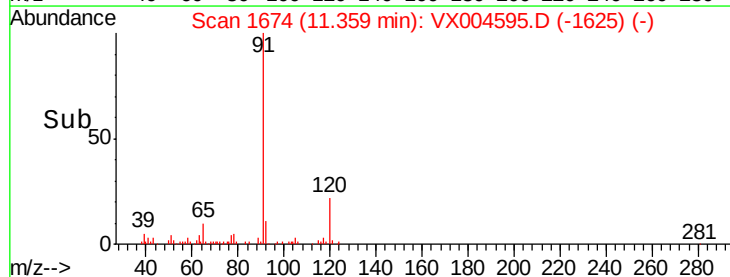
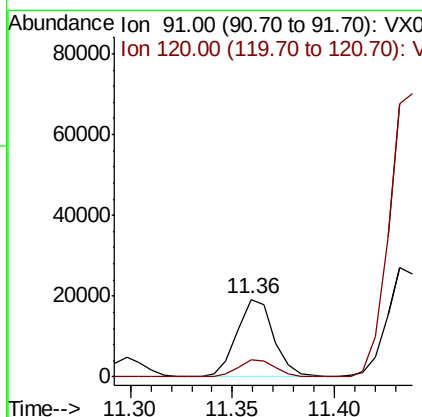
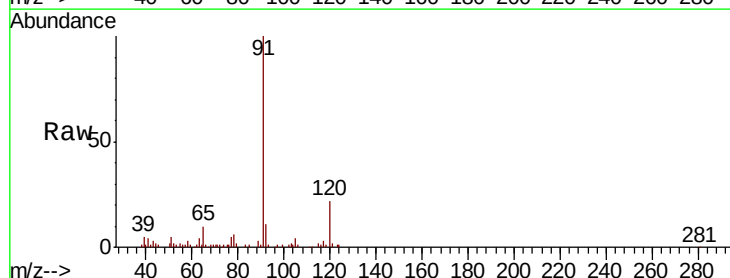
Instrument :
 MSVOA_X
 ClientSampleId :
 ROLLOFF-03_COMP_FILL

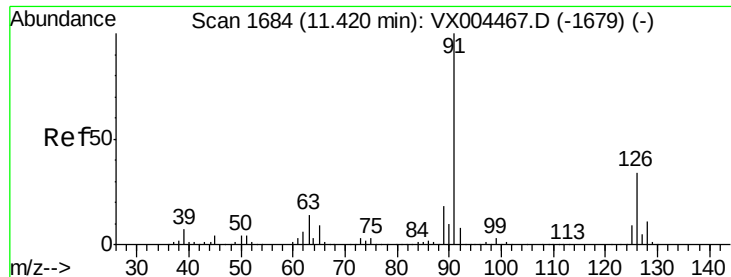
Tot Ion: 75 Resp: 3225
 Ion Ratio Lower Upper
 75 100
 77 1323.0 20.2 60.6#



#78
 n-propylbenzene
 Concen: 1.49 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VX004595.D
 Acq: 15 Sep 2018 20:00

Tgt Ion: 91 Resp: 23739
 Ion Ratio Lower Upper
 91 100
 120 0.0 11.9 35.9#





#79

2-Chlorotoluene

Concen: 4.65 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX004595.D

Acq: 15 Sep 2018 20:00

Instrument :

MSVOA_X

ClientSampleId :

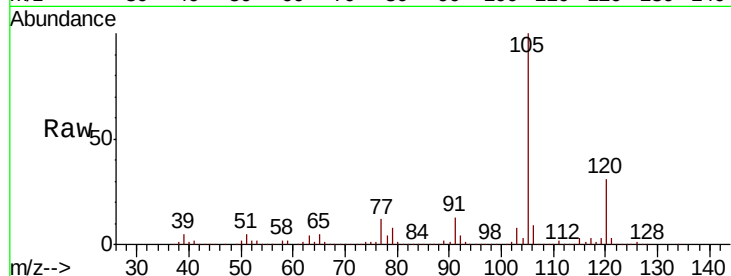
ROLLOFF-03_COMP_FILL

Tot Ion: 91 Resp: 44779

Ion Ratio Lower Upper

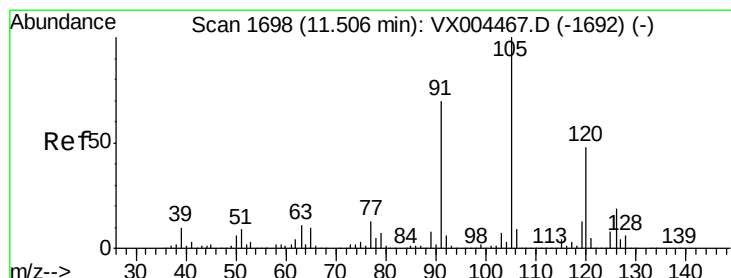
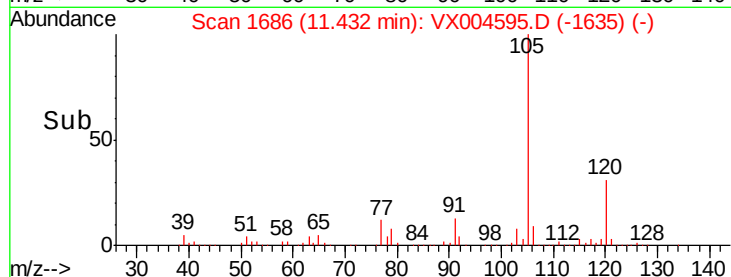
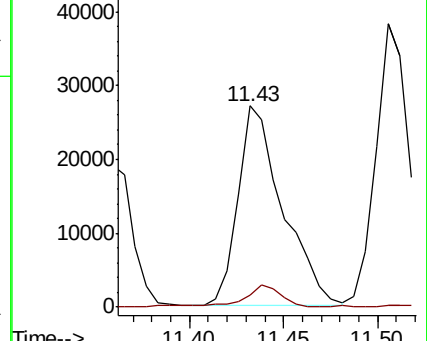
91 100

126 9.2 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 40.07 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004595.D

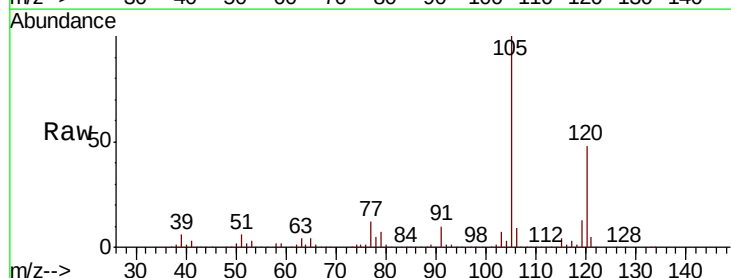
Acq: 15 Sep 2018 20:00

Tgt Ion:105 Resp: 465617

Ion Ratio Lower Upper

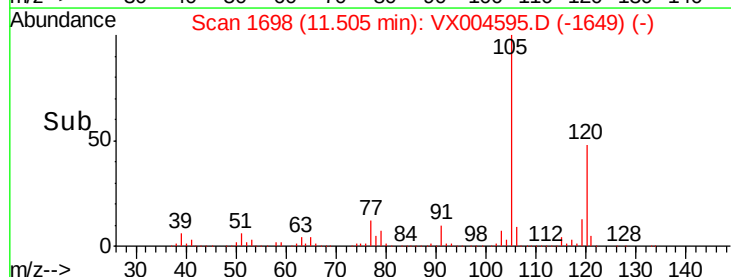
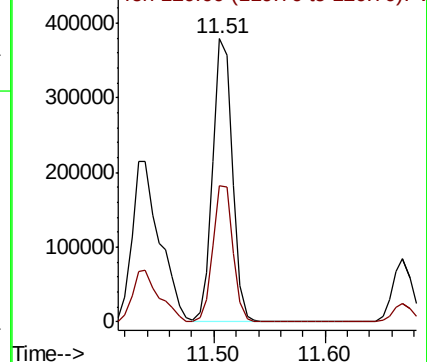
105 100

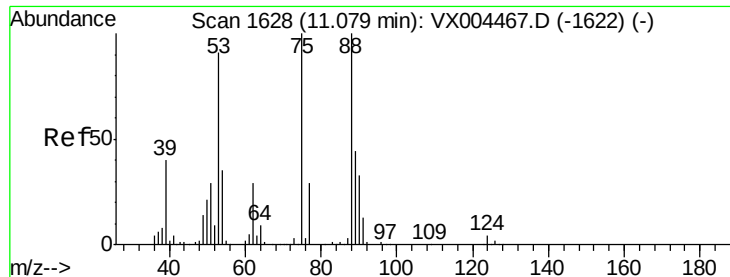
120 49.0 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 67.44 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004595.D

Acq: 15 Sep 2018 20:00

Instrument :

MSVOA_X

ClientSampleId :

ROLLOFF-03_COMP_FILL

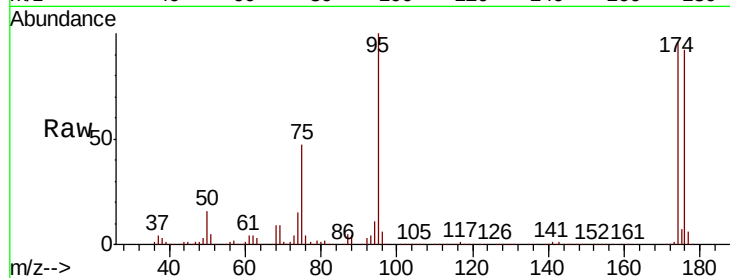
Tot Ion: 75 Resp: 89333

Ion Ratio Lower Upper

75 100

53 0.1 80.1 120.1#

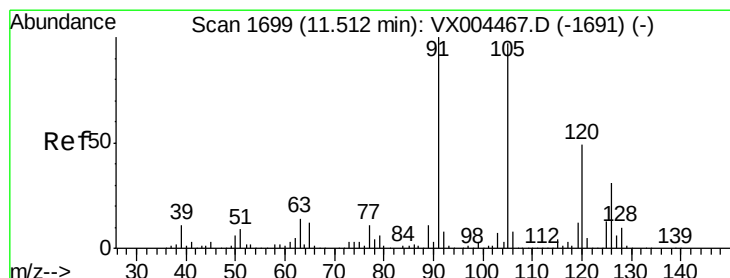
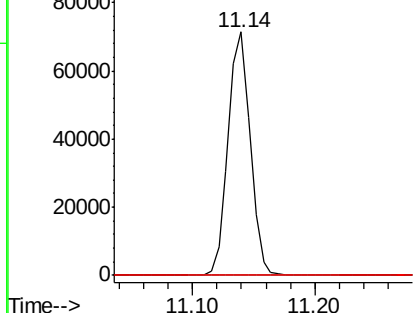
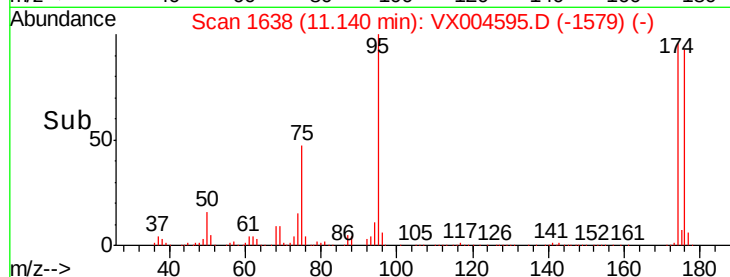
89 0.0 37.2 55.8#



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: 3.78 ug/l

RT: 11.69 min Scan# 1728

Delta R.T. 0.18 min

Lab File: VX004595.D

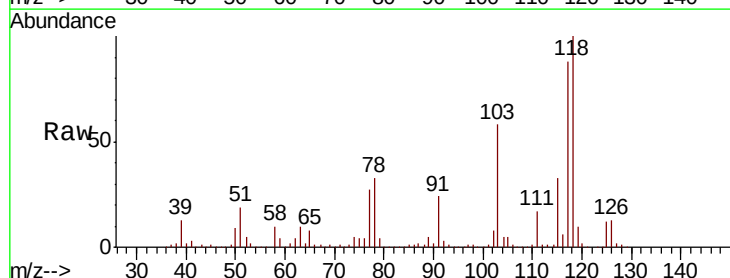
Acq: 15 Sep 2018 20:00

Tgt Ion: 91 Resp: 42535

Ion Ratio Lower Upper

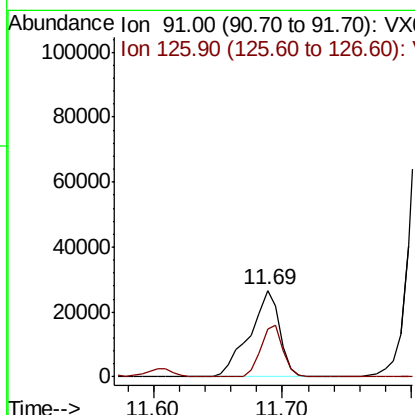
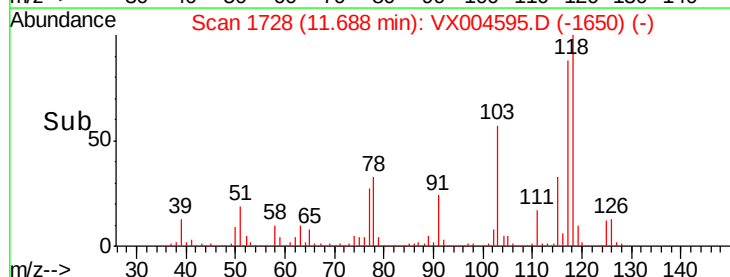
91 100

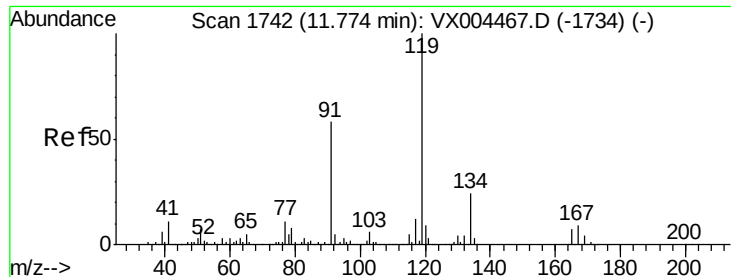
126 44.7 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

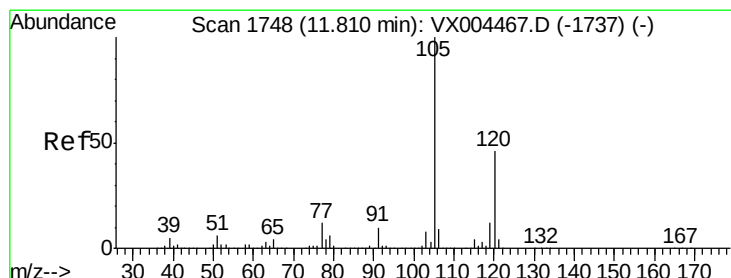
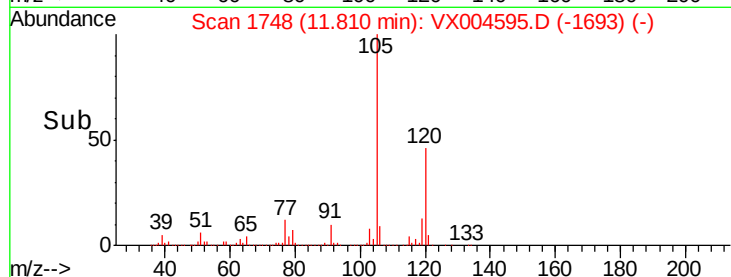
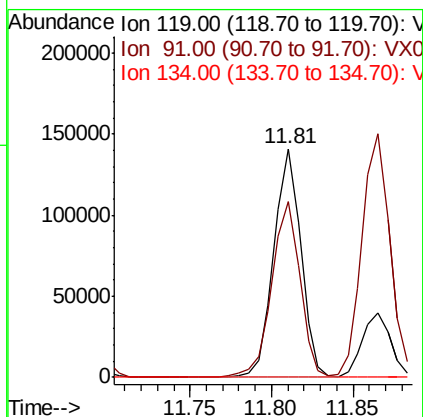
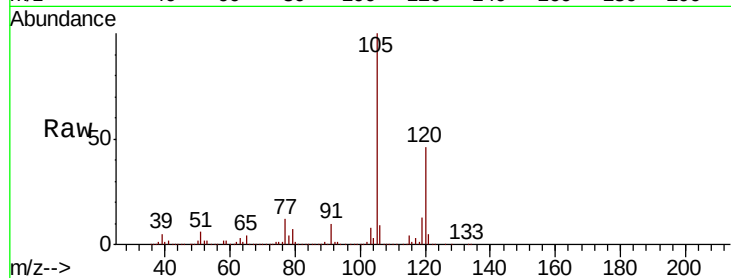




#83
 tert-Butylbenzene
 Concen: 14.56 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.04 min
 Lab File: VX004595.D
 Acq: 15 Sep 2018 20:00

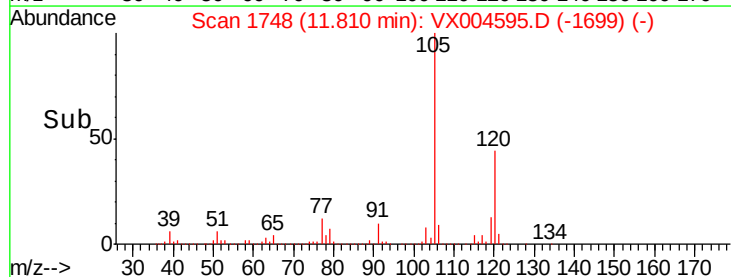
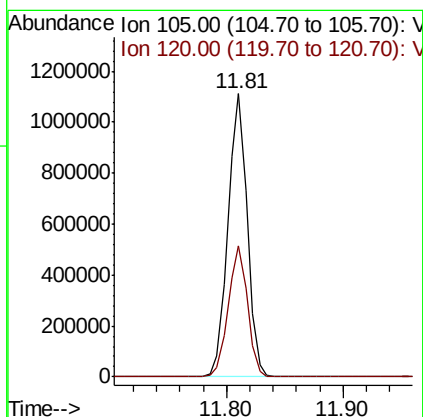
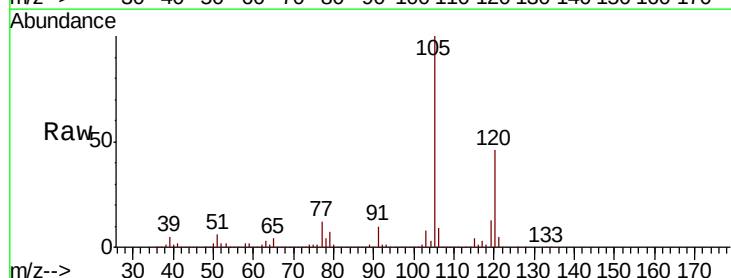
Instrument :
 MSVOA_X
 ClientSampleId :
 ROLLOFF-03_COMP_FILL

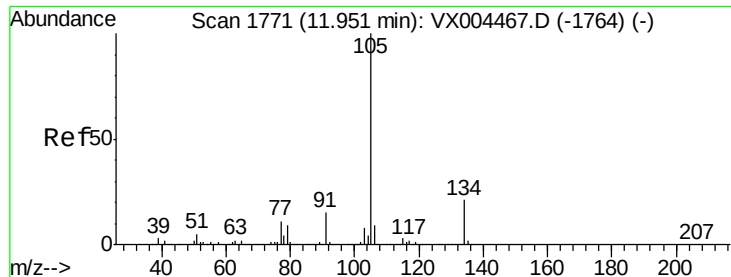
Tot Ion:119 Resp: 161031
 Ion Ratio Lower Upper
 119 100
 91 80.2 27.0 81.0
 134 0.2 11.7 35.1#



#84
 1,2,4-Trimethylbenzene
 Concen: 107.24 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004595.D
 Acq: 15 Sep 2018 20:00

Tgt Ion:105 Resp: 1272166
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 90.25 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.14 min

Lab File: VX004595.D

Acq: 15 Sep 2018 20:00

Instrument :

MSVOA_X

ClientSampleId :

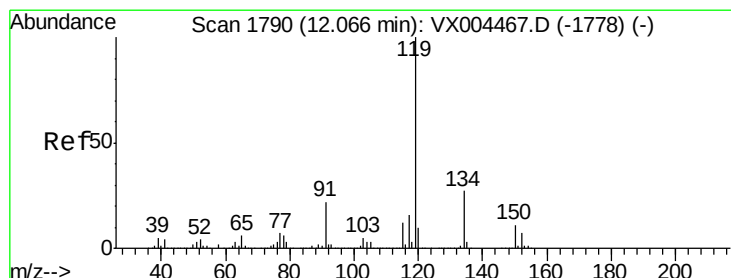
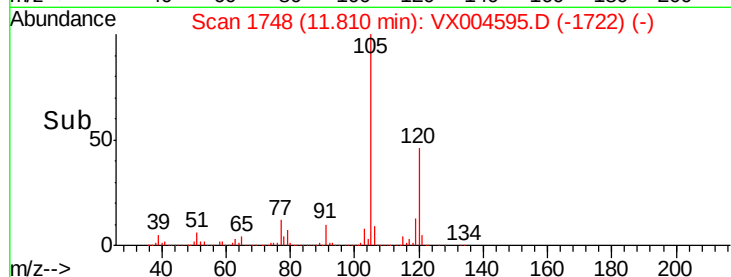
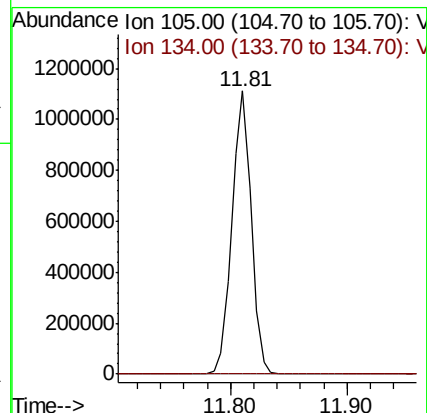
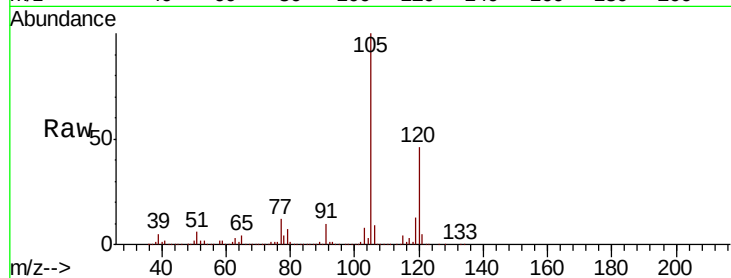
ROLLOFF-03_COMP_FILL

Tot Ion:105 Resp: 1272166

Ion Ratio Lower Upper

105 100

134 0.0 10.5 31.5#



#86

p-Isopropyltoluene

Concen: 51.11 ug/l

RT: 12.02 min Scan# 1782

Delta R.T. -0.05 min

Lab File: VX004595.D

Acq: 15 Sep 2018 20:00

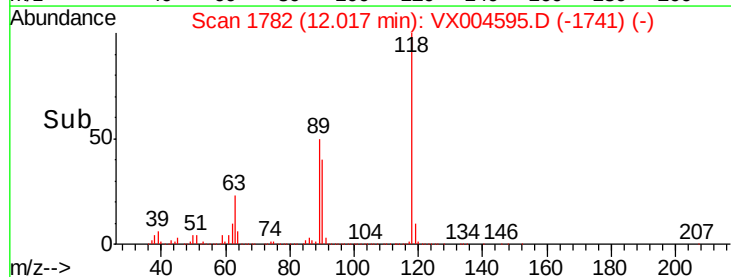
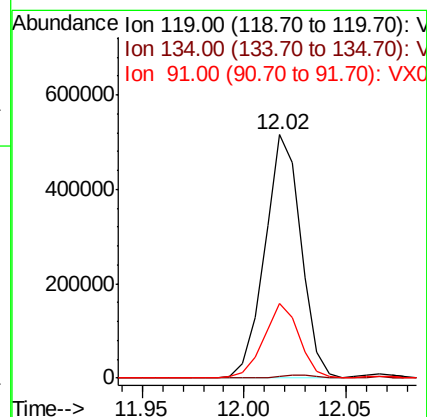
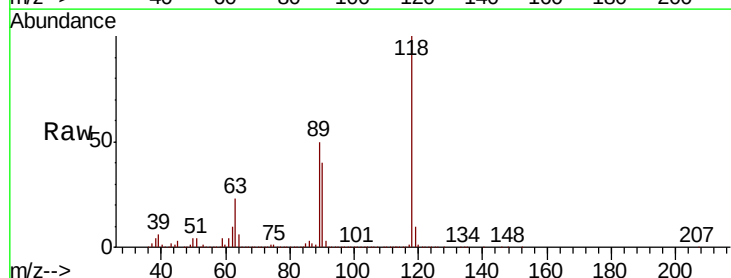
Tgt Ion:119 Resp: 636153

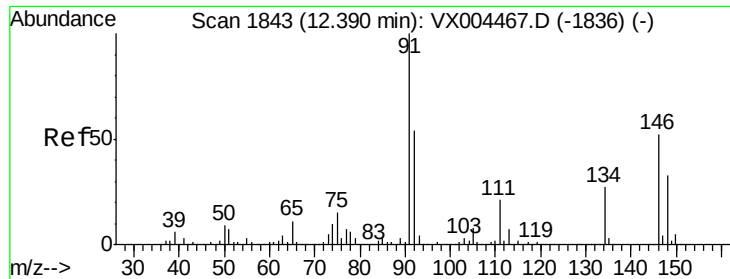
Ion Ratio Lower Upper

119 100

134 1.0 13.4 40.2#

91 29.8 10.9 32.7





#89

n-Butylbenzene

Concen: 0.94 ug/l

RT: 12.38 min Scan# 1841

Delta R.T. -0.01 min

Lab File: VX004595.D

Acq: 15 Sep 2018 20:00

Instrument :

MSVOA_X

ClientSampleId :

ROLLOFF-03_COMP_FILL

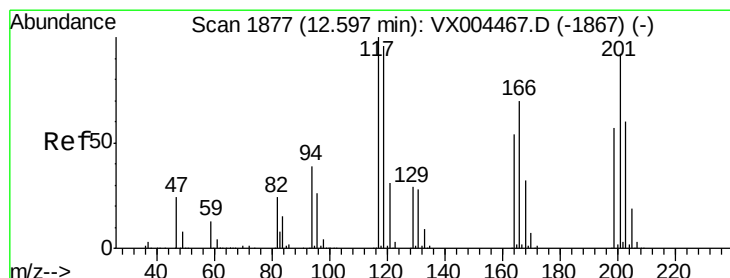
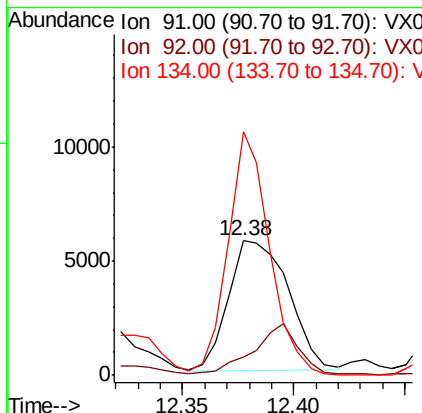
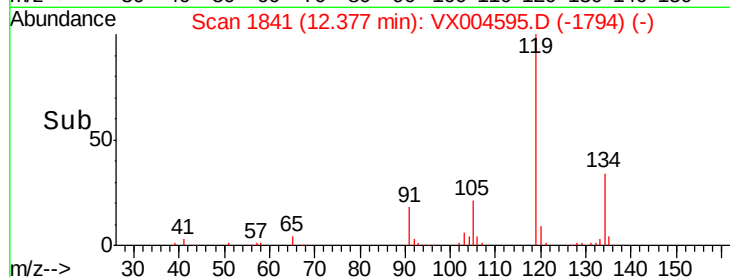
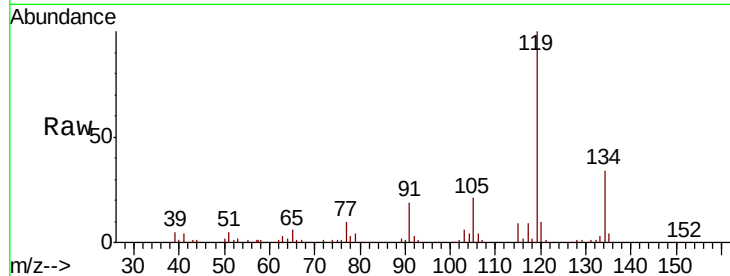
Tot Ion: 91 Resp: 10682

Ion Ratio Lower Upper

91 100

92 31.1 27.3 81.9

134 129.3 13.6 40.7#



#90

Hexachloroethane

Concen: 1132.44 ug/l

RT: 12.48 min Scan# 1858

Delta R.T. -0.12 min

Lab File: VX004595.D

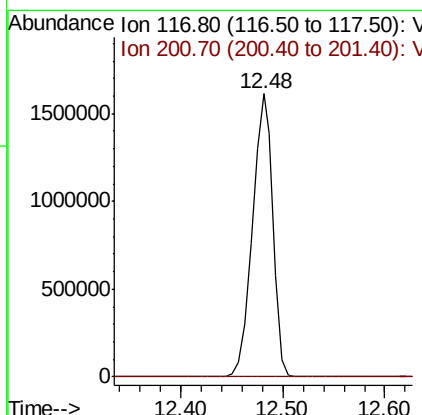
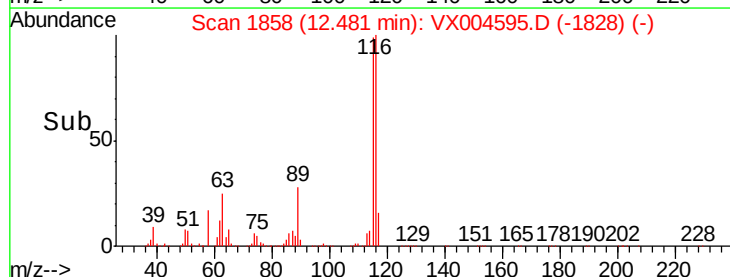
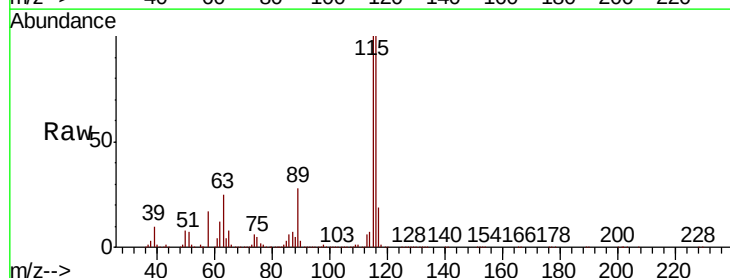
Acq: 15 Sep 2018 20:00

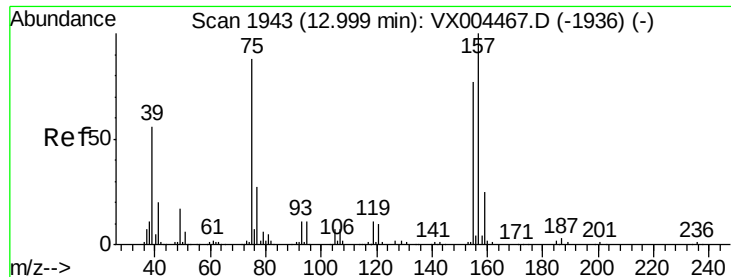
Tgt Ion:117 Resp: 2256642

Ion Ratio Lower Upper

117 100

201 0.0 46.9 140.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 104.82 ug/l

RT: 13.02 min Scan# 1947

Delta R.T. 0.02 min

Lab File: VX004595.D

Acq: 15 Sep 2018 20:00

Instrument :

MSVOA_X

ClientSampleId :

ROLLOFF-03_COMP_FILL

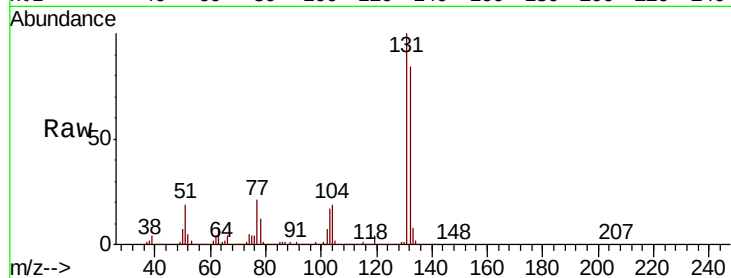
Tot Ion: 75 Resp: 99782

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

