

Data File : VX000544.D

Acq On : 30 Mar 2018 05:35

Operator : JC/MD

Sample : J2094-01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
22193-4-5

Quant Time: Mar 30 07:05:55 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M

Quant Title : SW846 8260

QLast Update : Wed Mar 21 04:52:42 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	106009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	189468	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	192329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	107800	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	78369	56.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.26%	
35) Dibromofluoromethane	5.51	113	59640	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
50) Toluene-d8	8.73	98	243014	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
62) 4-Bromofluorobenzene	11.15	95	87599	42.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.84%	

Target Compounds

						Qvalue
6) Chloroethane	1.73	64	193	Below Cal	#	44
10) Methyl Iodide	2.45	142	19	4.29	ug/l #	37
11) Tert butyl alcohol	3.03	59	779	1.64	ug/l #	90
13) Acrolein	2.29	56	198	15.80	ug/l #	48
14) Allyl chloride	2.72	41	79	Below Cal	#	1
16) Acetone	2.45	43	20725	18.00	ug/l	98
18) Methyl Acetate	2.79	43	1990	0.82	ug/l	95
20) Methylene Chloride	2.86	84	2726	2.05	ug/l	90
25) 2-Butanone	4.72	43	3300	2.55	ug/l	99
36) 1,1-Dichloropropene	5.68	75	8093	4.56	ug/l #	53
38) Carbon Tetrachloride	5.67	117	10620	5.70	ug/l #	16
51) 4-Methyl-2-Pentanone	8.66	43	2335	0.84	ug/l	97
52) Toluene	8.79	92	38686	10.74	ug/l	98
56) Ethyl methacrylate	9.12	69	716	0.32	ug/l #	4
59) 2-Hexanone	9.51	43	905	0.38	ug/l	75
60) Dibromochloromethane	9.35	129	80	4.16	ug/l #	12
67) Ethyl Benzene	10.26	91	34586	4.77	ug/l	96
68) m/p-Xylenes	10.37	106	58733	20.57	ug/l	100
69) o-Xylene	10.71	106	40051	14.49	ug/l	99
70) Styrene	10.71	104	5124	1.12	ug/l #	1
73) Isopropylbenzene	11.02	105	4803	0.67	ug/l	96
74) N-amyl acetate	6.46	43	78	Below Cal	#	59
76) 1,2,3-Trichloropropane	11.15	75	51383	22.18	ug/l #	35
78) n-propylbenzene	11.37	91	14208	1.67	ug/l	96
79) 2-Chlorotoluene	11.44	91	10797	2.19	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	25494	4.25	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.15	75	51383	71.81	ug/l #	9
82) 4-Chlorotoluene	11.51	91	3408	0.58	ug/l #	44
83) tert-Butylbenzene	12.04	119	3492	0.58	ug/l	81
84) 1,2,4-Trimethylbenzene	11.82	105	91158	14.48	ug/l	97
85) sec-Butylbenzene	11.82	105	91158	12.16	ug/l #	56
86) p-Isopropyltoluene	12.07	119	2424	0.36	ug/l #	75
89) n-Butylbenzene	12.39	91	4745	0.77	ug/l #	28
90) Hexachloroethane	12.62	117	736	0.70	ug/l #	12

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032918\
Quantitation Report (Not Reviewed)

Data File : VX000544.D
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Sample : J2094-01
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Instrument :
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ClientSampleId :
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Quant Time: Mar 30 07:05:55 2018
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Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.84	128	33153	3.76	ug/l	99

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

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Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 42 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

22193-4-5

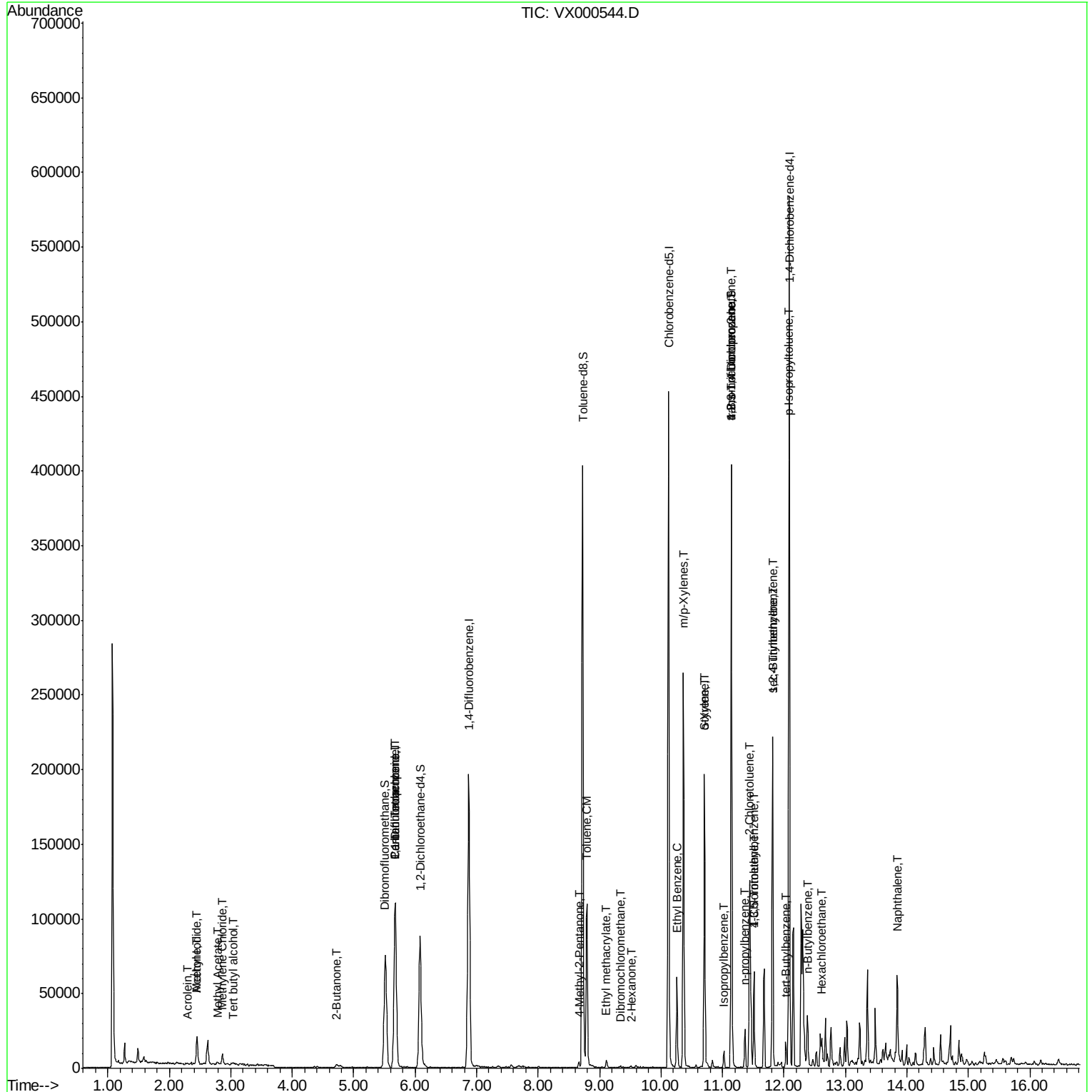
Quant Time: Mar 30 07:05:55 2018

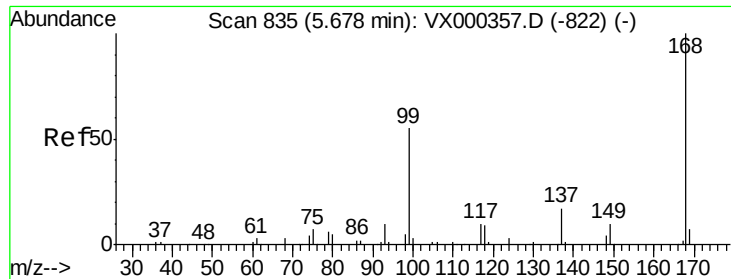
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M

Quant Title : SW846 8260

QLast Update : Wed Mar 21 04:52:42 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000544.D

Acq: 30 Mar 2018 05:35

Instrument :

MSVOA_X

ClientSampleId :

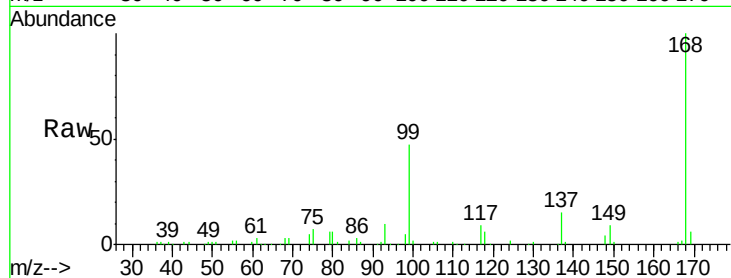
22193-4-5

Tgt Ion:168 Resp: 106009

Ion Ratio Lower Upper

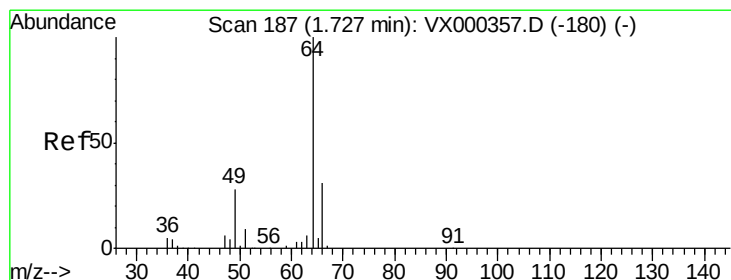
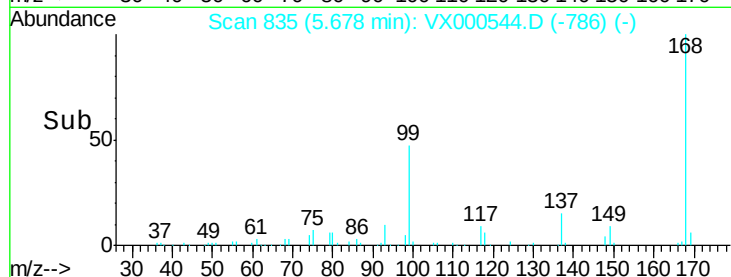
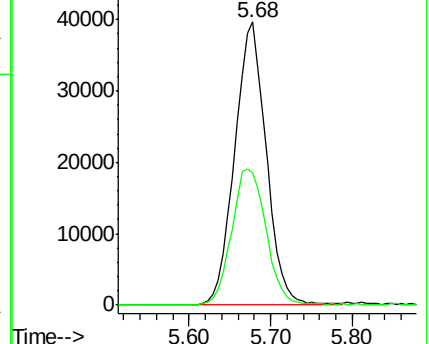
168 100

99 46.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000544.D

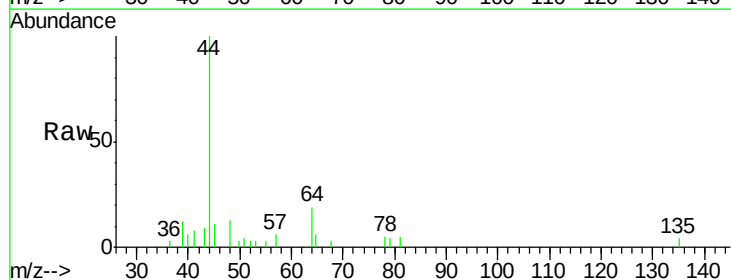
Acq: 30 Mar 2018 05:35

Tgt Ion: 64 Resp: 193

Ion Ratio Lower Upper

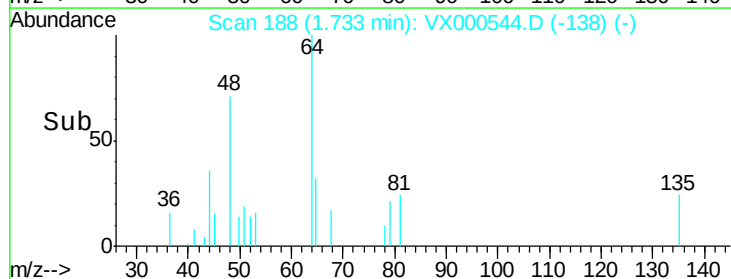
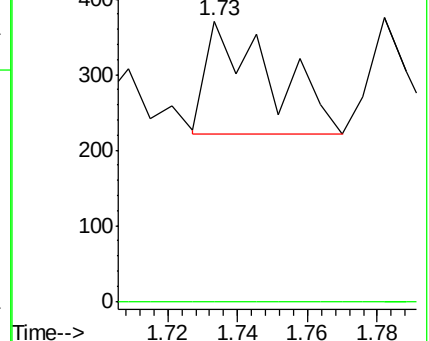
64 100

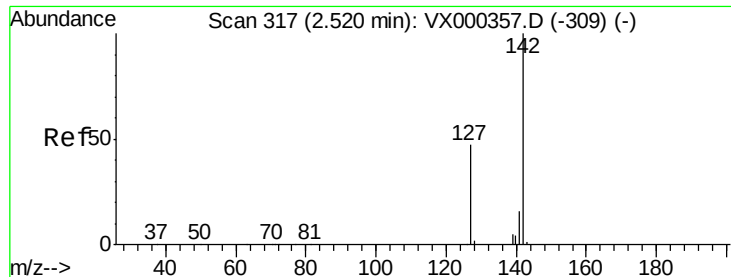
66 0.0 24.8 37.2#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

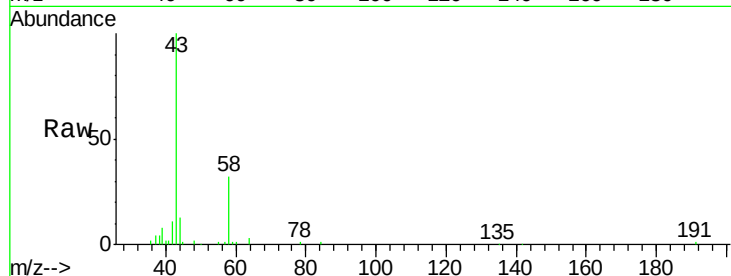




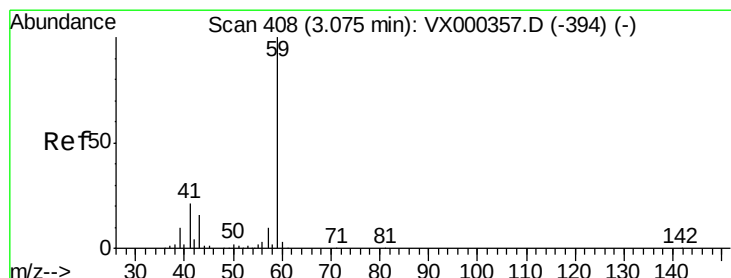
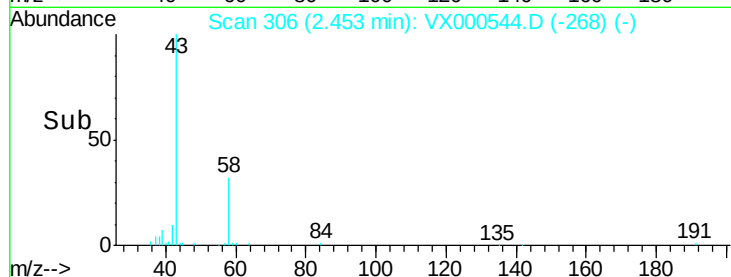
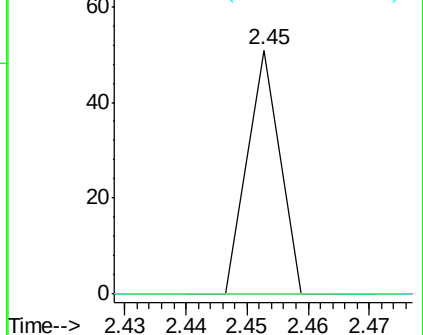
#10
Methyl Iodide
Concen: 4.29 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.07 min
Lab File: VX000544.D
Acq: 30 Mar 2018 05:35

Instrument :
MSVOA_X
ClientSampled :
22193-4-5

Tgt Ion: 142 Resp: 19
Ion Ratio Lower Upper
142 100
127 0.0 39.2 58.8#
141 0.0 11.7 17.5#

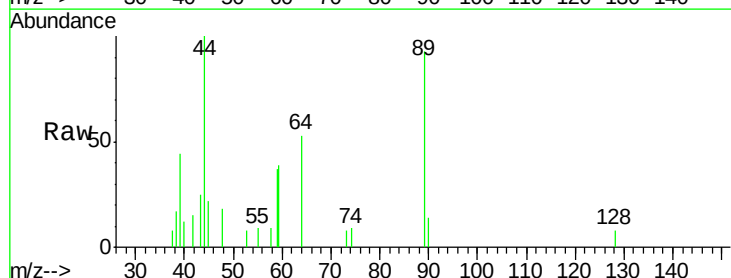


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

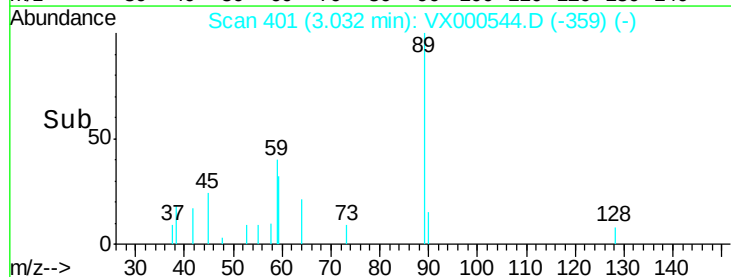
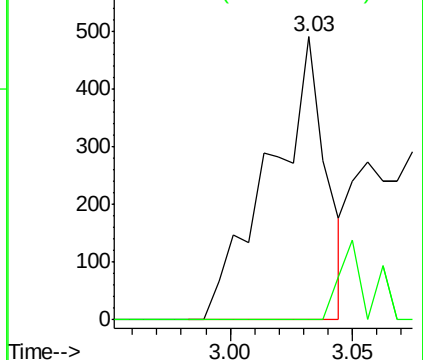


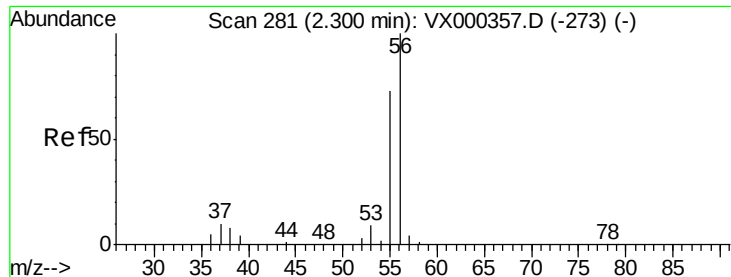
#11
Tert butyl alcohol
Concen: 1.64 ug/l
RT: 3.03 min Scan# 401
Delta R.T. -0.04 min
Lab File: VX000544.D
Acq: 30 Mar 2018 05:35

Tgt Ion: 59 Resp: 779
Ion Ratio Lower Upper
59 100
57 14.4 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 15.80 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000544.D

Acq: 30 Mar 2018 05:35

Instrument :

MSVOA_X

ClientSampleId :

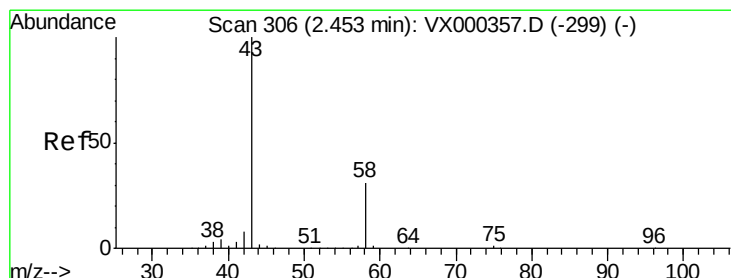
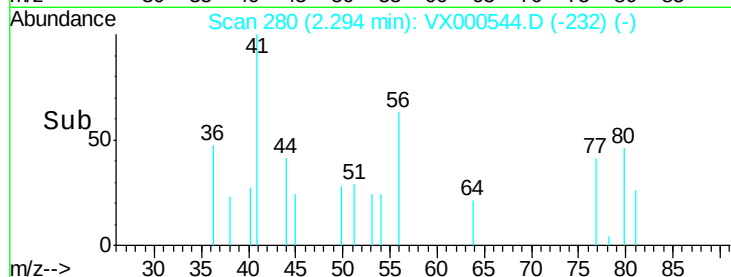
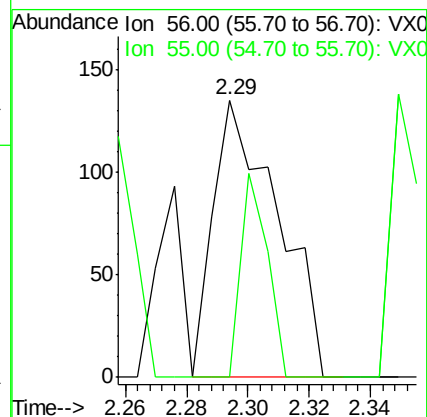
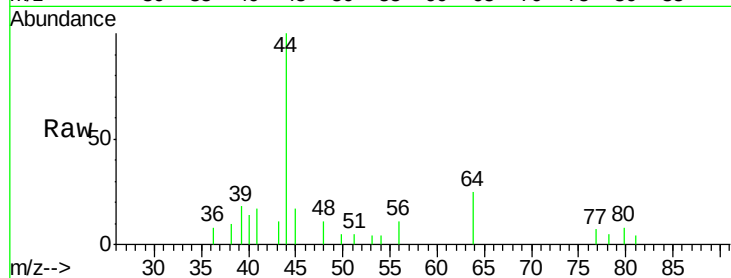
22193-4-5

Tgt Ion: 56 Resp: 198

Ion Ratio Lower Upper

56 100

55 29.8 58.8 88.2#



#16

Acetone

Concen: 18.00 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000544.D

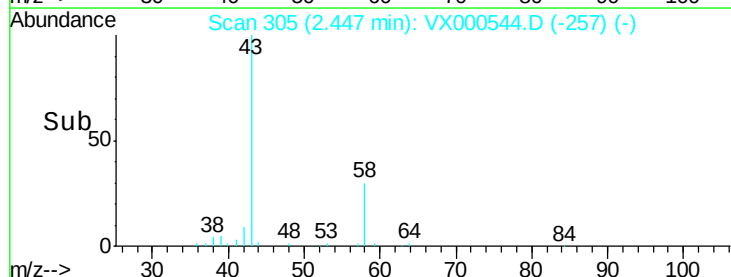
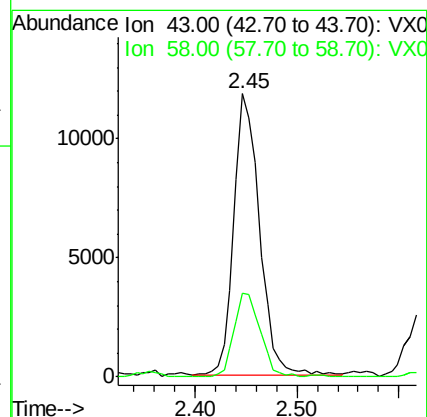
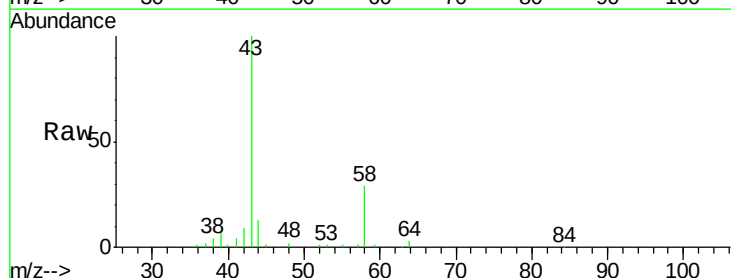
Acq: 30 Mar 2018 05:35

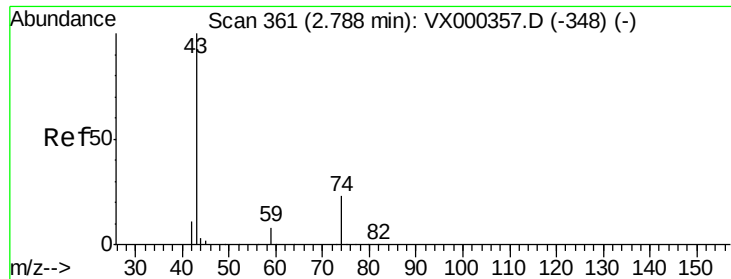
Tgt Ion: 43 Resp: 20725

Ion Ratio Lower Upper

43 100

58 29.6 24.7 37.1

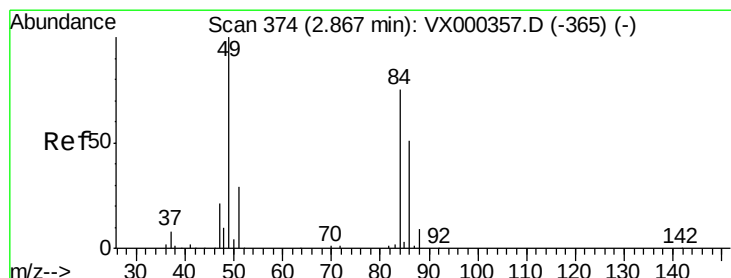
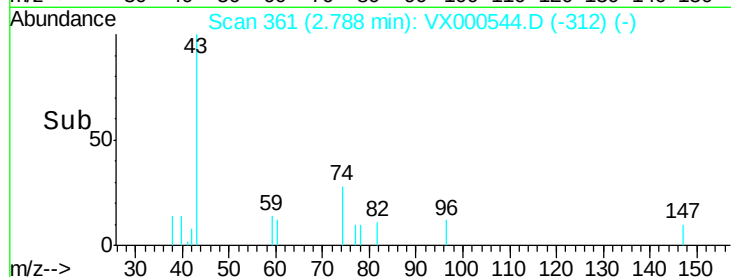
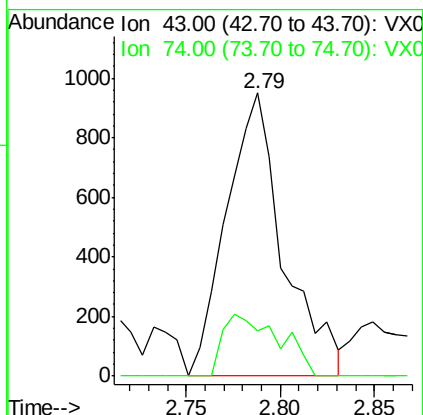
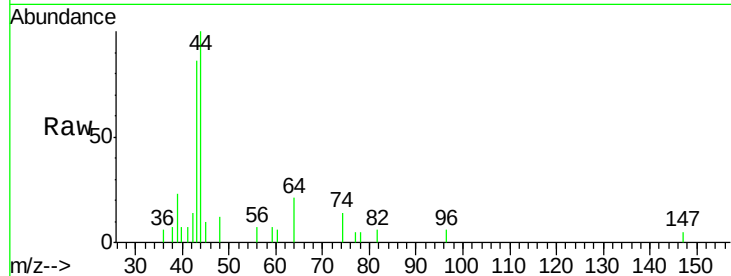




#18
Methyl Acetate
Concen: 0.82 ug/l
RT: 2.79 min Scan# 361
Delta R.T. -0.00 min
Lab File: VX000544.D
Acq: 30 Mar 2018 05:35

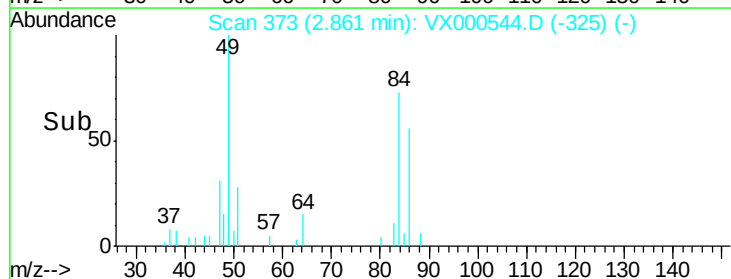
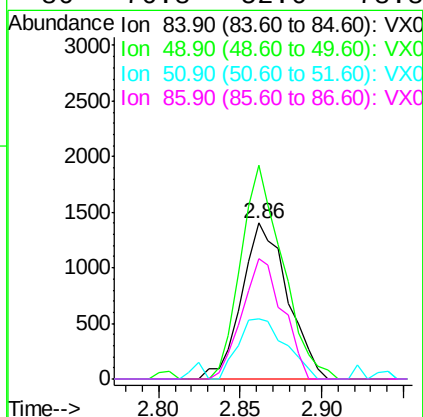
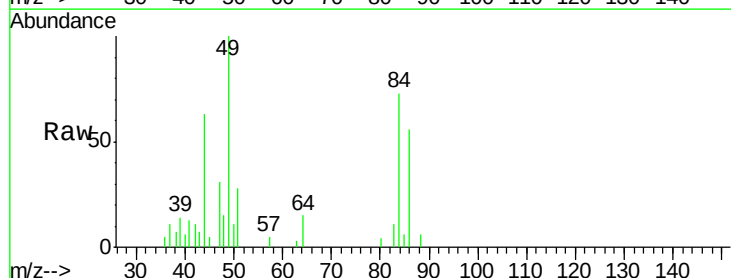
Instrument :
MSVOA_X
ClientSampled :
22193-4-5

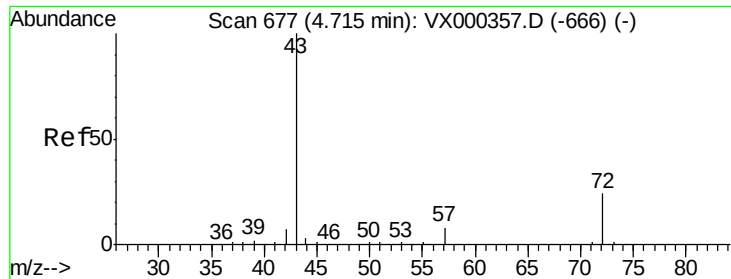
Tgt Ion: 43 Resp: 1990
Ion Ratio Lower Upper
43 100
74 21.6 19.4 29.2



#20
Methylene Chloride
Concen: 2.05 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000544.D
Acq: 30 Mar 2018 05:35

Tgt Ion: 84 Resp: 2726
Ion Ratio Lower Upper
84 100
49 136.9 100.6 151.0
51 38.3 31.6 47.4
86 76.8 52.6 78.8





#25

2-Butanone

Concen: 2.55 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000544.D

Acq: 30 Mar 2018 05:35

Instrument :

MSVOA_X

ClientSampleId :

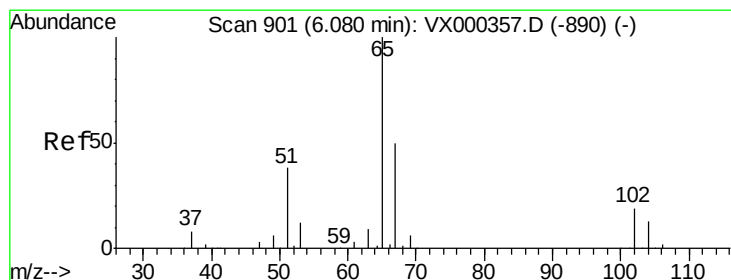
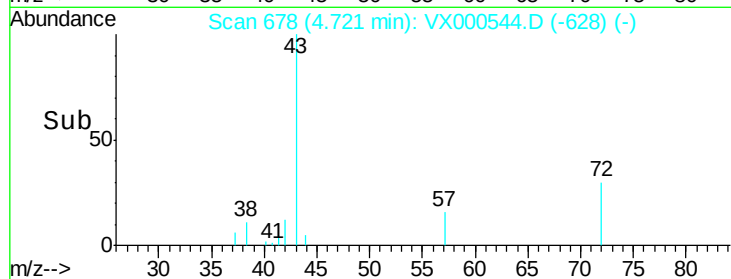
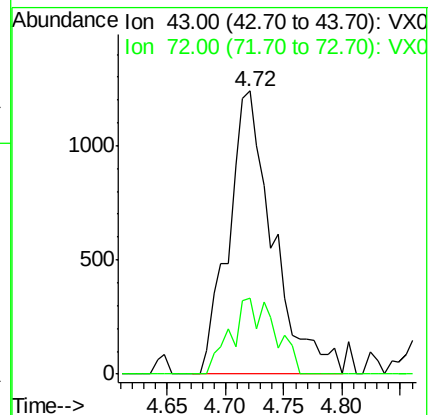
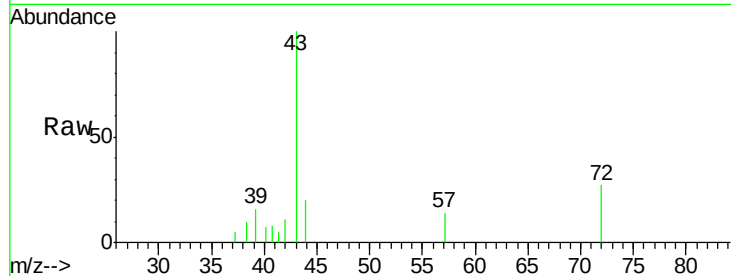
22193-4-5

Tgt Ion: 43 Resp: 3300

Ion Ratio Lower Upper

43 100

72 26.9 21.0 31.6



#33

1,2-Dichloroethane-d4

Concen: 56.63 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000544.D

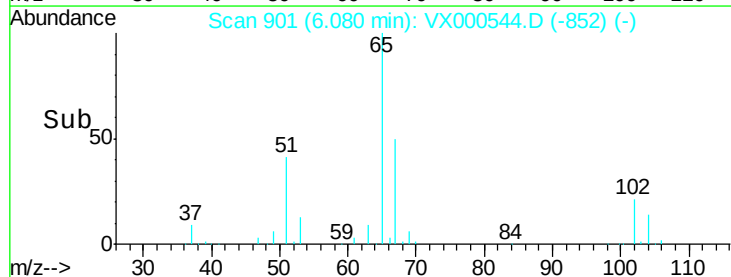
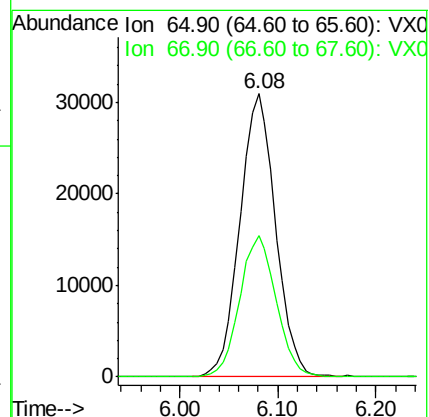
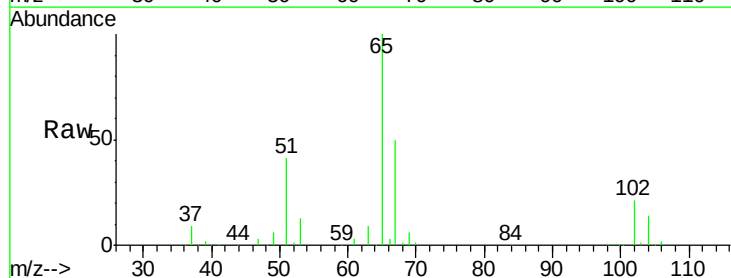
Acq: 30 Mar 2018 05:35

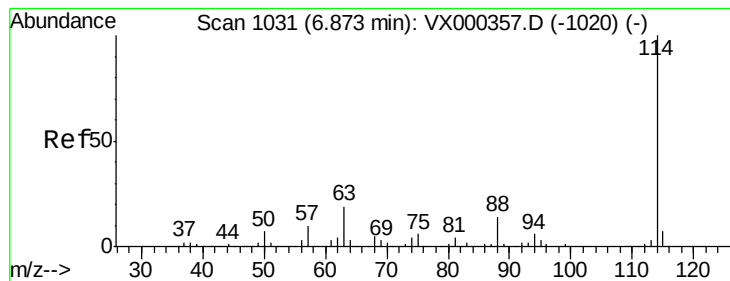
Tgt Ion: 65 Resp: 78369

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000544.D

Acq: 30 Mar 2018 05:35

Instrument :

MSVOA_X

ClientSampleId :

22193-4-5

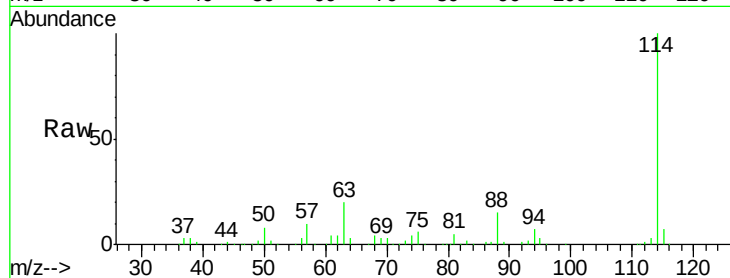
Tgt Ion:114 Resp: 189468

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.4

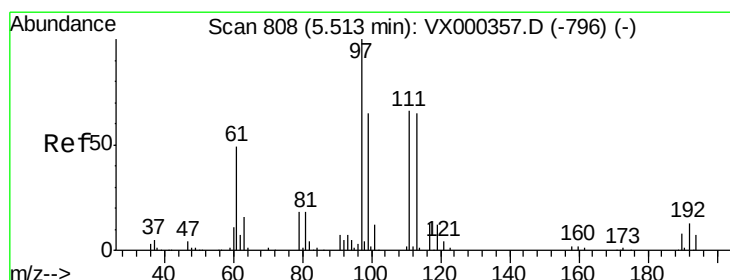
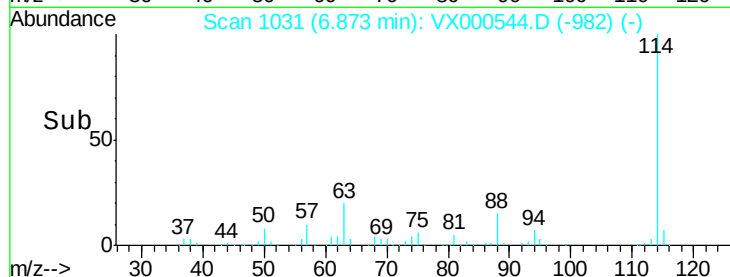
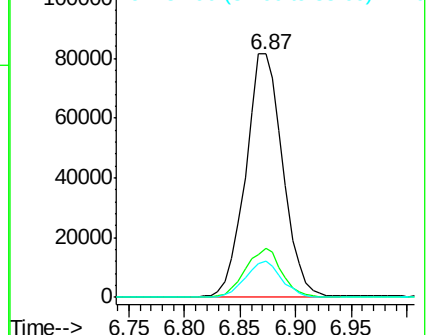
88 14.6 0.0 27.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.96 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000544.D

Acq: 30 Mar 2018 05:35

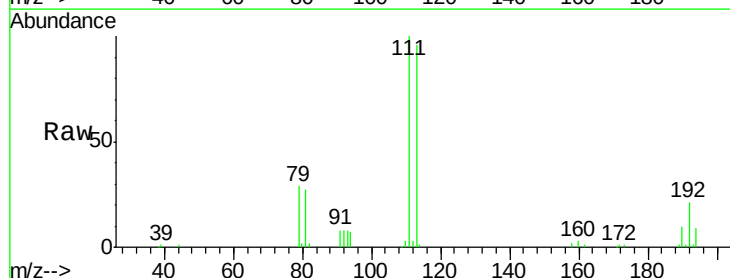
Tgt Ion:113 Resp: 59640

Ion Ratio Lower Upper

113 100

111 101.7 82.4 123.6

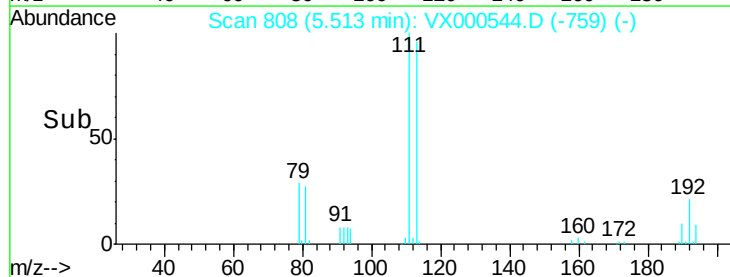
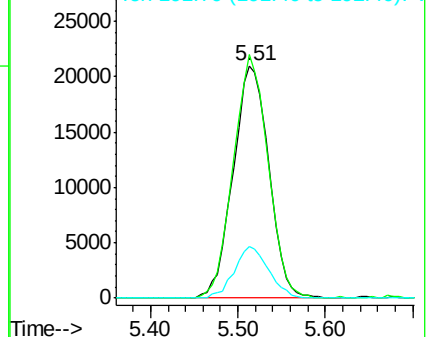
192 21.4 15.8 23.6

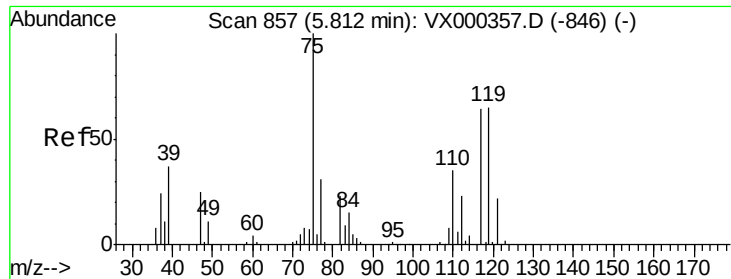


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

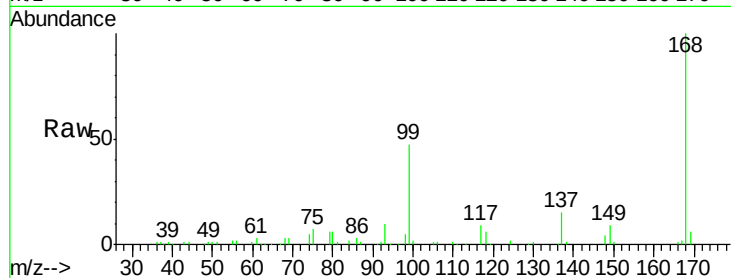




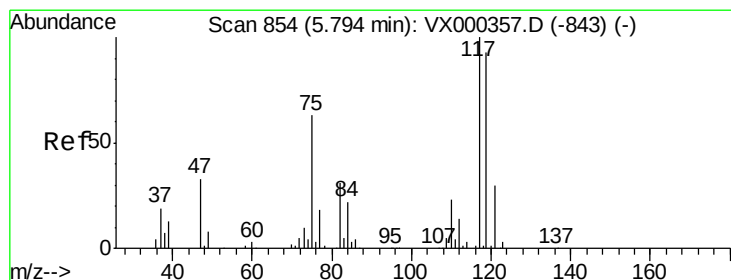
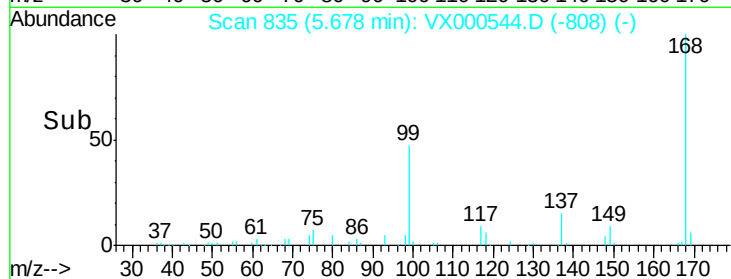
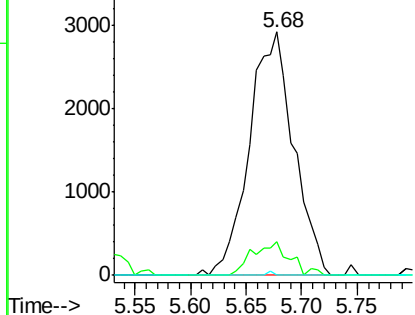
#36
 1,1-Dichloropropene
 Concen: 4.56 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.13 min
 Lab File: VX000544.D
 Acq: 30 Mar 2018 05:35

Instrument :
 MSVOA_X
 ClientSampleId :
 22193-4-5

Tgt Ion: 75 Resp: 8093
 Ion Ratio Lower Upper
 75 100
 110 11.7 17.9 53.7#
 77 0.2 24.0 36.0#

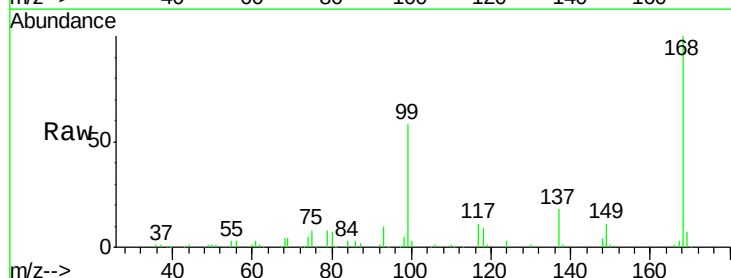


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

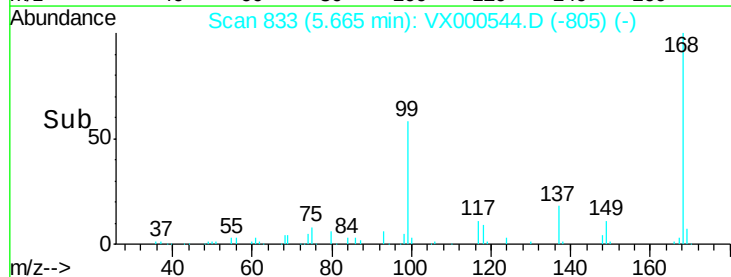
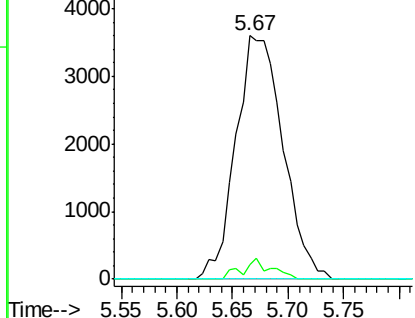


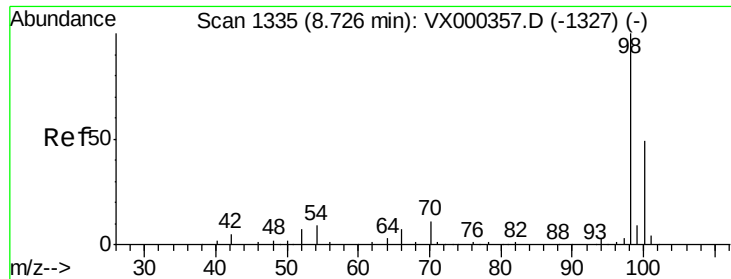
#38
 Carbon Tetrachloride
 Concen: 5.70 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX000544.D
 Acq: 30 Mar 2018 05:35

Tgt Ion: 117 Resp: 10620
 Ion Ratio Lower Upper
 117 100
 119 5.7 77.4 116.2#
 121 0.0 24.8 37.2#



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

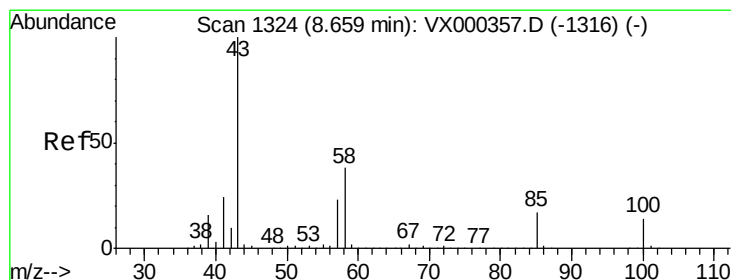
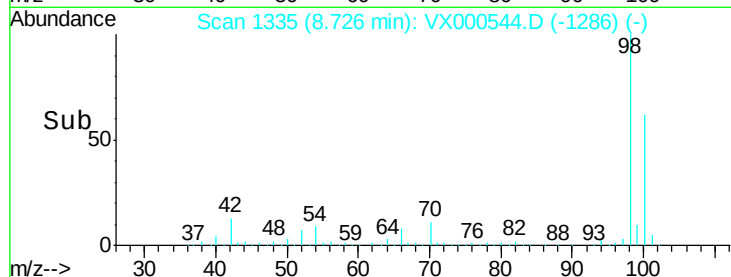
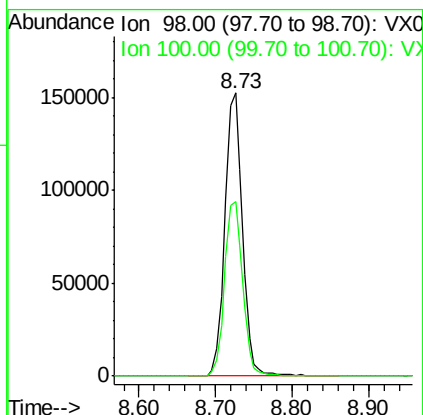
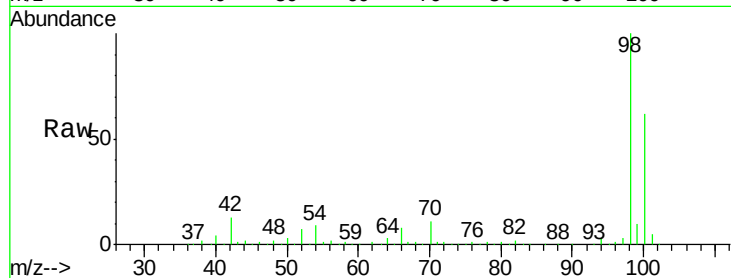




#50
Toluene-d8
Concen: 49.15 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000544.D
Acq: 30 Mar 2018 05:35

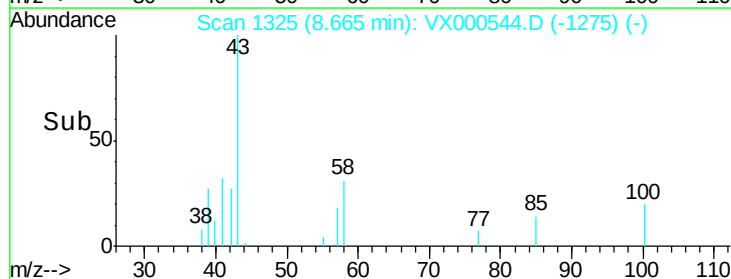
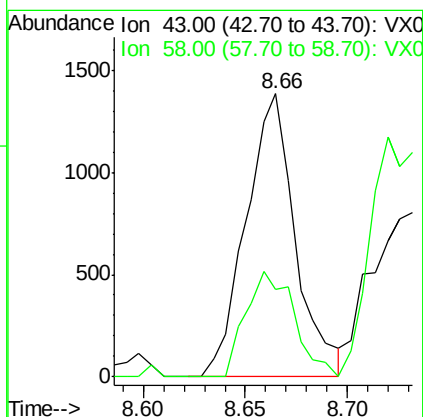
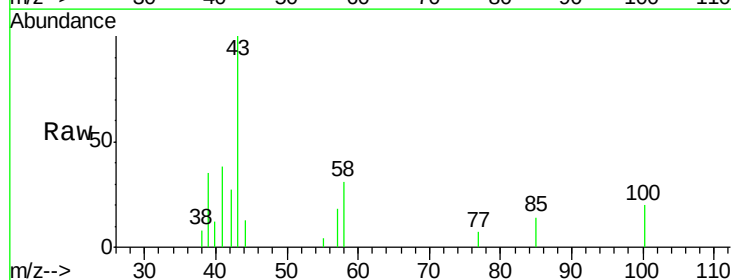
Instrument :
MSVOA_X
ClientSampleId :
22193-4-5

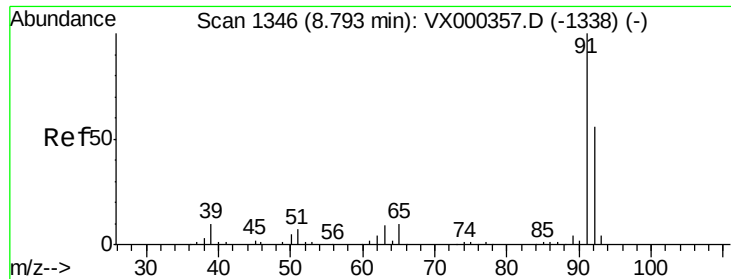
Tgt Ion: 98 Resp: 243014
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 0.84 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. 0.01 min
Lab File: VX000544.D
Acq: 30 Mar 2018 05:35

Tgt Ion: 43 Resp: 2335
Ion Ratio Lower Upper
43 100
58 36.3 30.3 45.5





#52

Toluene

Concen: 10.74 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000544.D

Acq: 30 Mar 2018 05:35

Instrument :

MSVOA_X

ClientSampleId :

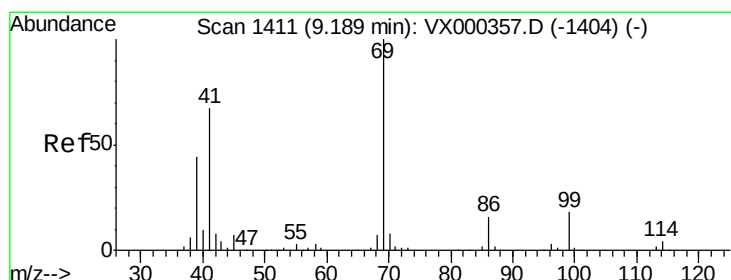
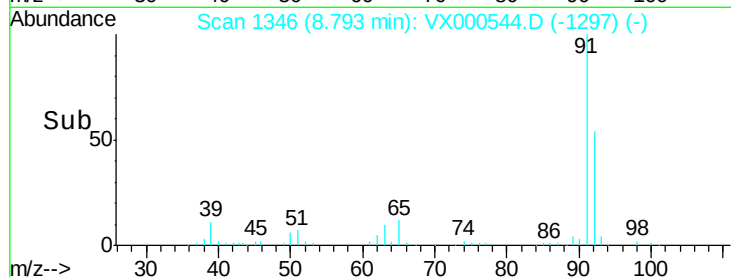
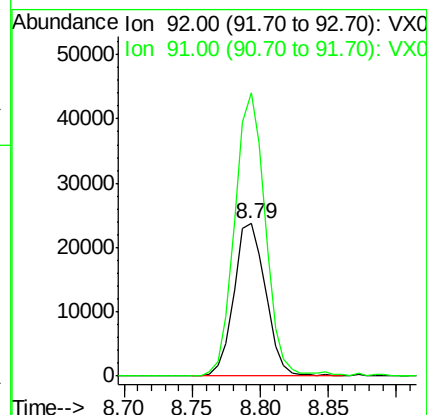
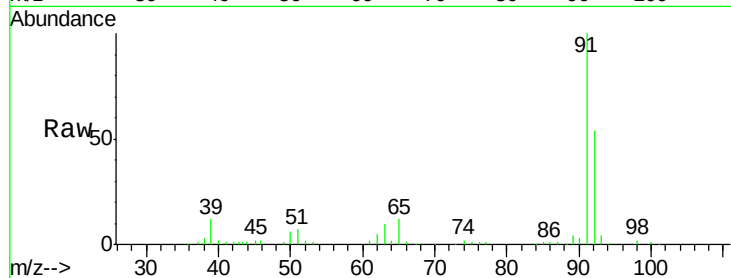
22193-4-5

Tgt Ion: 92 Resp: 38686

Ion Ratio Lower Upper

92 100

91 177.7 140.2 210.2



#56

Ethyl methacrylate

Concen: 0.32 ug/l

RT: 9.12 min Scan# 1399

Delta R.T. -0.07 min

Lab File: VX000544.D

Acq: 30 Mar 2018 05:35

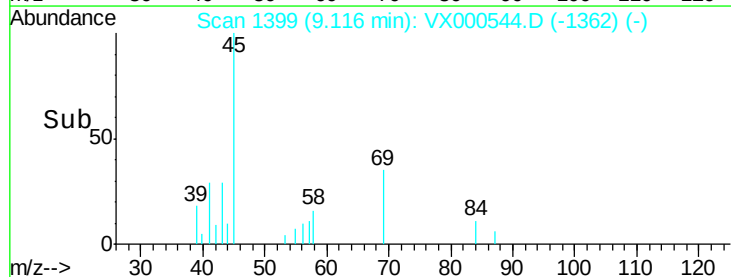
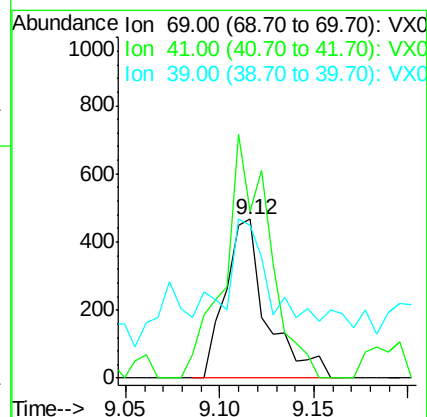
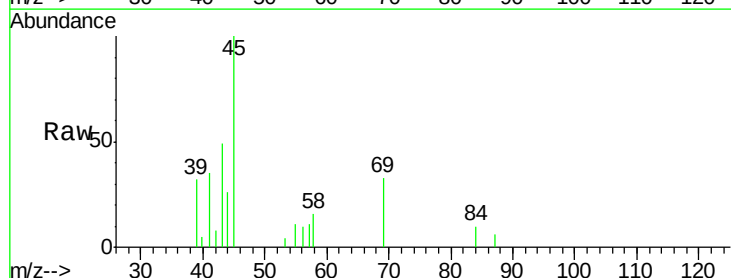
Tgt Ion: 69 Resp: 716

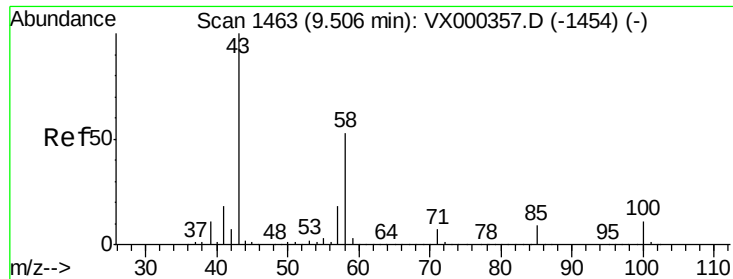
Ion Ratio Lower Upper

69 100

41 163.8 53.0 79.6#

39 80.3 35.3 52.9#

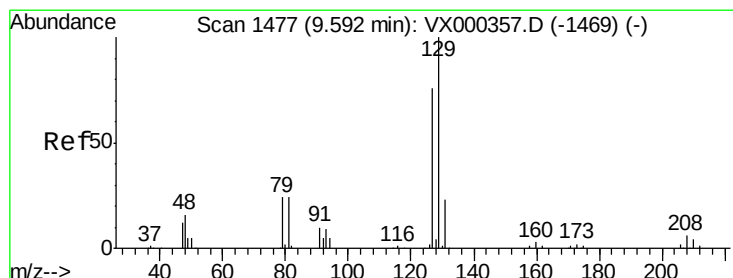
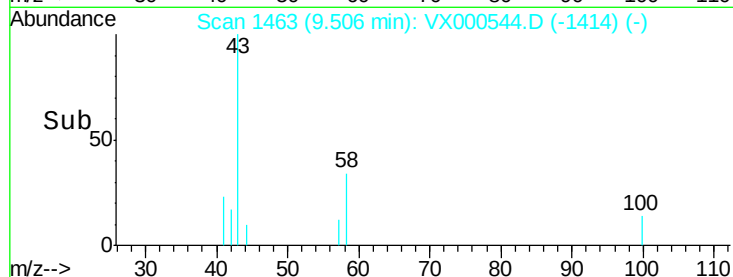
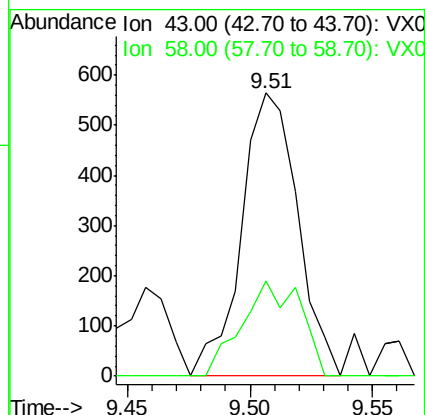
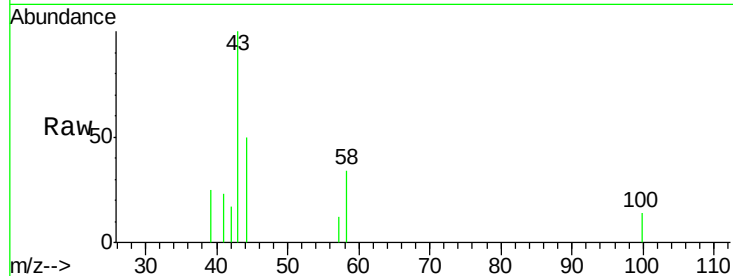




#59
2-Hexanone
Concen: 0.38 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000544.D
Acq: 30 Mar 2018 05:35

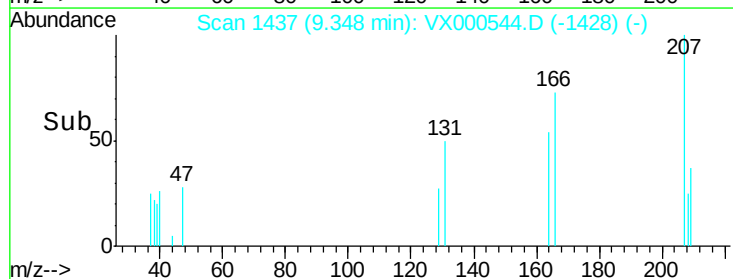
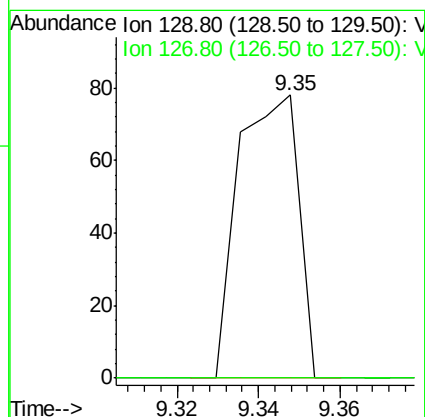
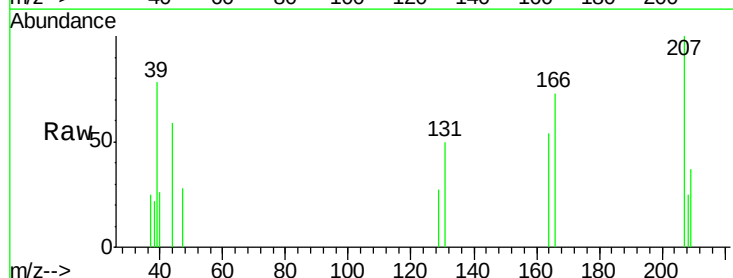
Instrument :
MSVOA_X
ClientSampled :
22193-4-5

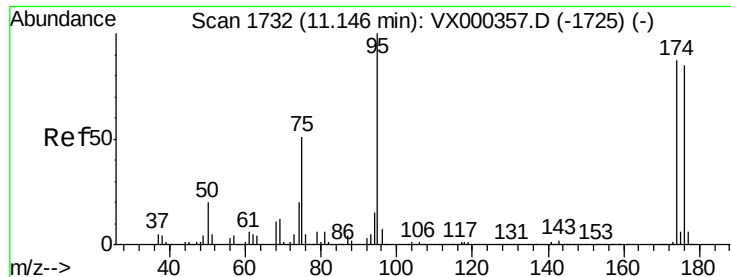
Tgt Ion: 43 Resp: 905
Ion Ratio Lower Upper
43 100
58 35.2 26.6 79.7



#60
Dibromochloromethane
Concen: 4.16 ug/l
RT: 9.35 min Scan# 1437
Delta R.T. -0.24 min
Lab File: VX000544.D
Acq: 30 Mar 2018 05:35

Tgt Ion: 129 Resp: 80
Ion Ratio Lower Upper
129 100
127 0.0 37.9 113.6#





#62

4-Bromofluorobenzene

Concen: 42.92 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000544.D

Acq: 30 Mar 2018 05:35

Instrument :

MSVOA_X

ClientSampleId :

22193-4-5

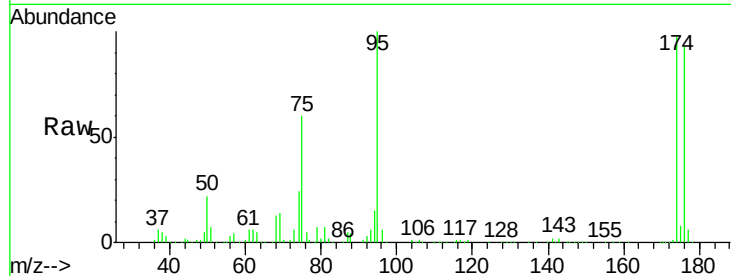
Tgt Ion: 95 Resp: 87599

Ion Ratio Lower Upper

95 100

174 92.6 0.0 173.6

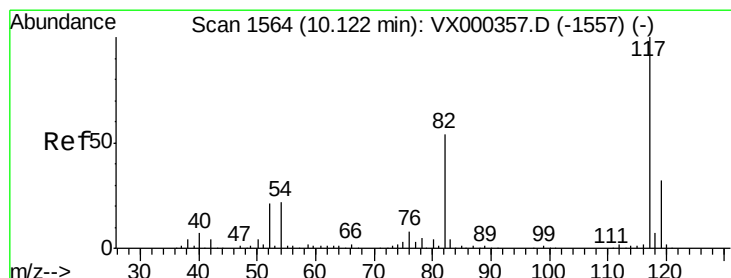
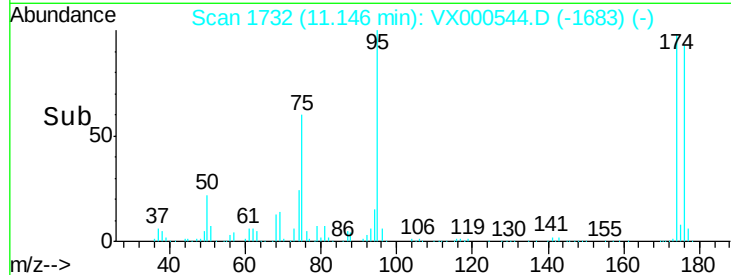
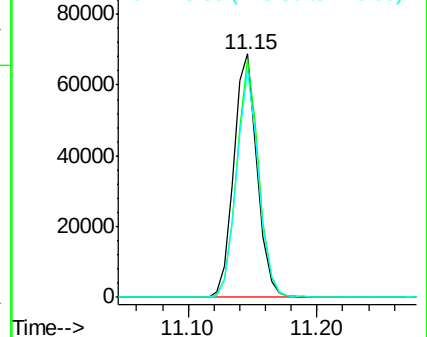
176 88.5 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX000357.D (-1725) (-)

Ion 173.80 (173.50 to 174.50): VX000357.D (-1725) (-)

Ion 175.80 (175.50 to 176.50): VX000357.D (-1725) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000544.D

Acq: 30 Mar 2018 05:35

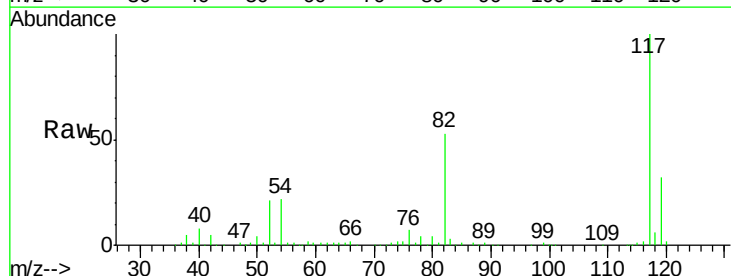
Tgt Ion: 117 Resp: 192329

Ion Ratio Lower Upper

117 100

82 53.3 43.8 65.8

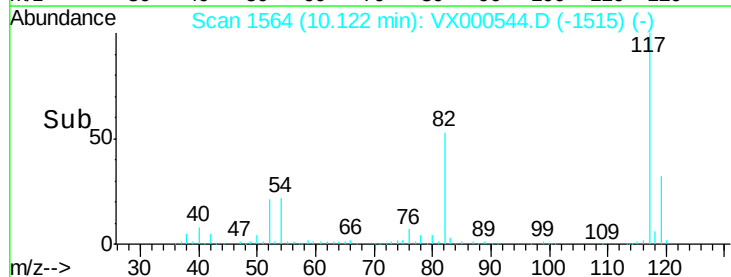
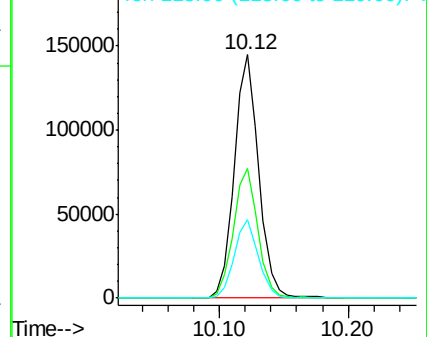
119 32.5 24.9 37.3

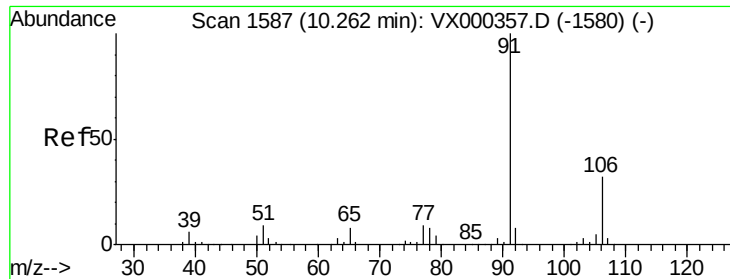


Abundance Ion 116.90 (116.60 to 117.60): VX000357.D (-1557) (-)

Ion 82.00 (81.70 to 82.70): VX000357.D (-1557) (-)

Ion 118.90 (118.60 to 119.60): VX000357.D (-1557) (-)





#67

Ethyl Benzene

Concen: 4.77 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000544.D

Acq: 30 Mar 2018 05:35

Instrument :

MSVOA_X

ClientSampled :

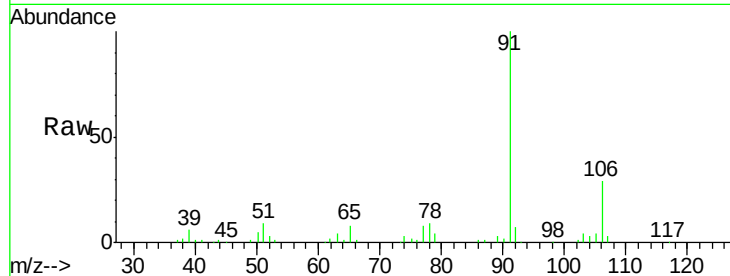
22193-4-5

Tgt Ion: 91 Resp: 34586

Ion Ratio Lower Upper

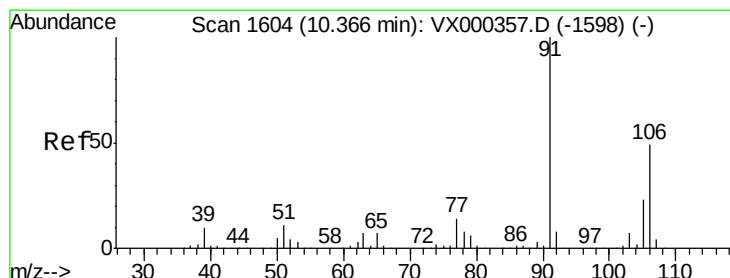
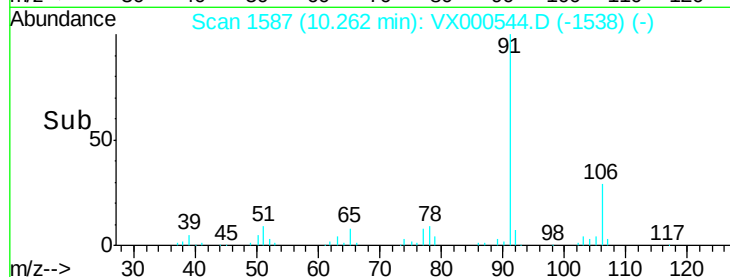
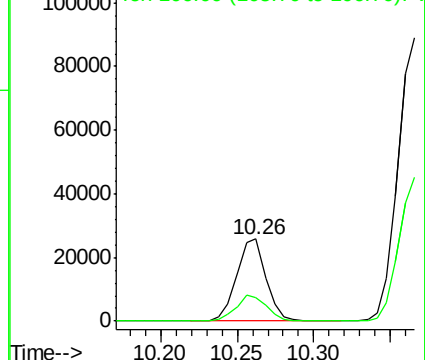
91 100

106 29.4 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 20.57 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000544.D

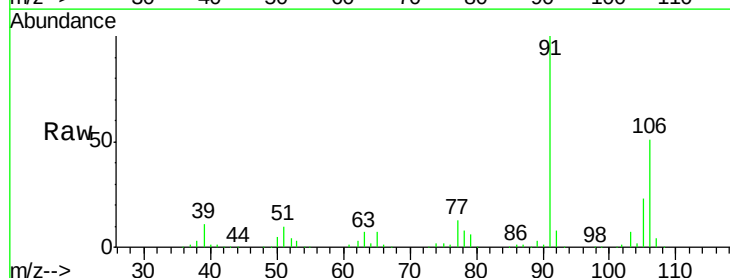
Acq: 30 Mar 2018 05:35

Tgt Ion: 106 Resp: 58733

Ion Ratio Lower Upper

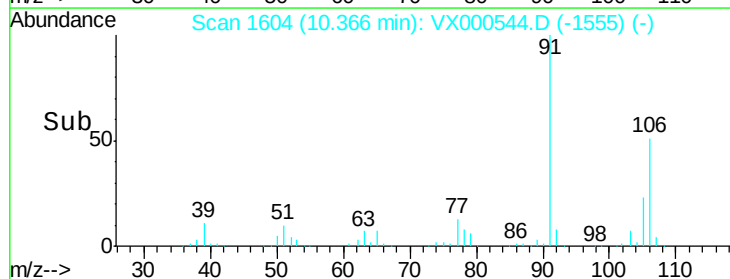
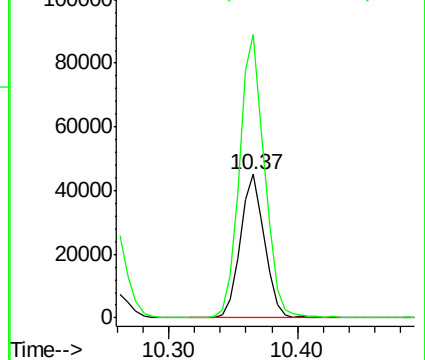
106 100

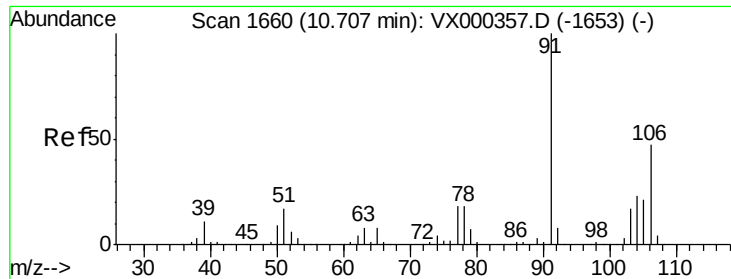
91 204.8 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

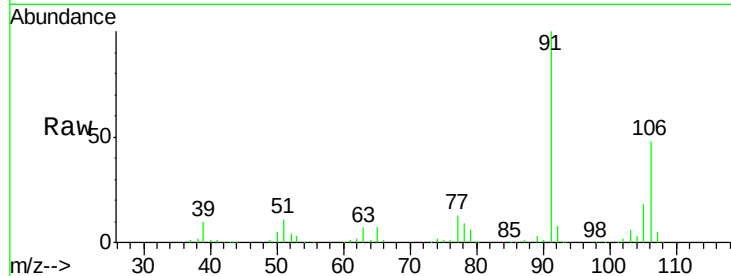




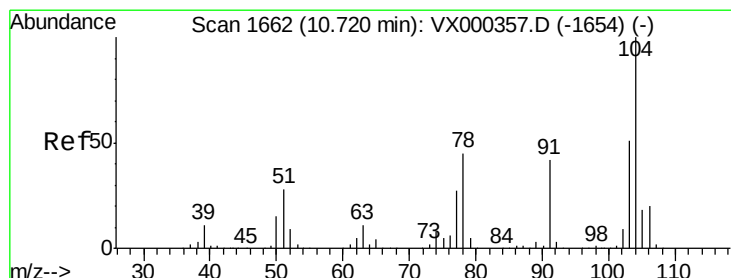
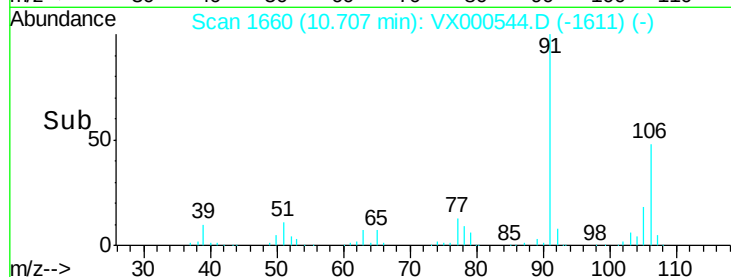
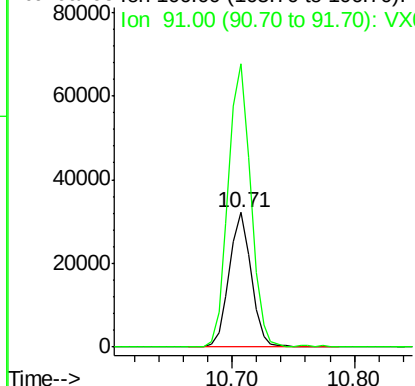
#69
o-Xylene
Concen: 14.49 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000544.D
Acq: 30 Mar 2018 05:35

Instrument :
MSVOA_X
ClientSampleId :
22193-4-5

Tgt Ion:106 Resp: 40051
Ion Ratio Lower Upper
106 100
91 215.0 106.5 319.6

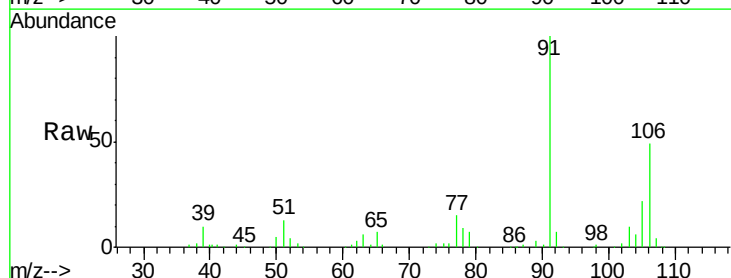


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

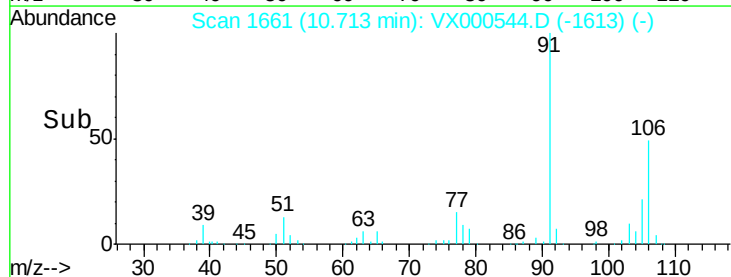
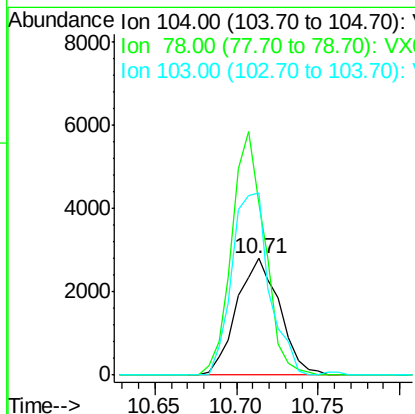


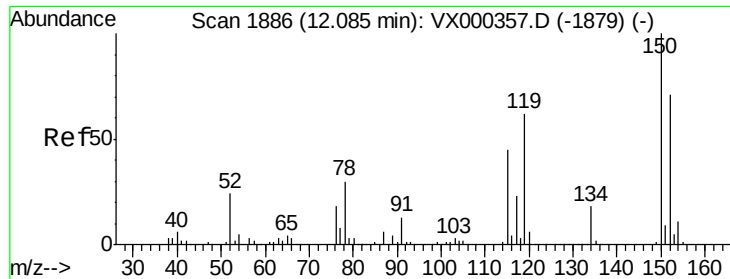
#70
Styrene
Concen: 1.12 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX000544.D
Acq: 30 Mar 2018 05:35

Tgt Ion:104 Resp: 5124
Ion Ratio Lower Upper
104 100
78 159.2 40.5 60.7#
103 137.2 45.7 68.5#



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000544.D

Acq: 30 Mar 2018 05:35

Instrument :

MSVOA_X

ClientSampleId :

22193-4-5

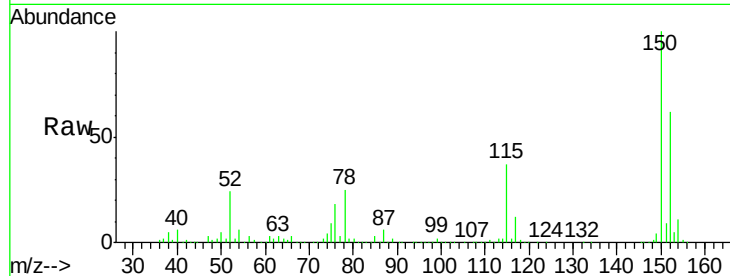
Tgt Ion:152 Resp: 107800

Ion Ratio Lower Upper

152 100

115 56.8 39.8 119.3

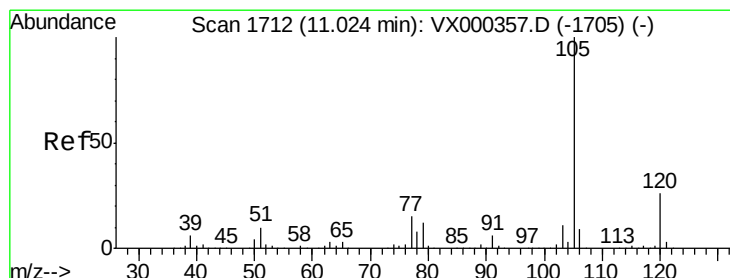
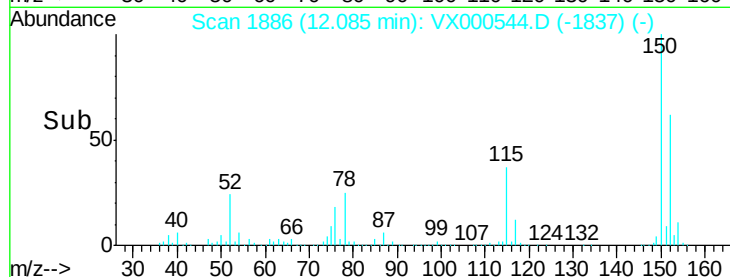
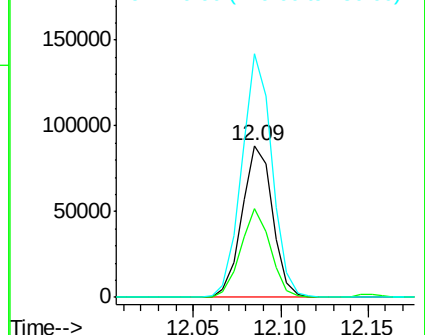
150 158.1 0.0 344.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.67 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000544.D

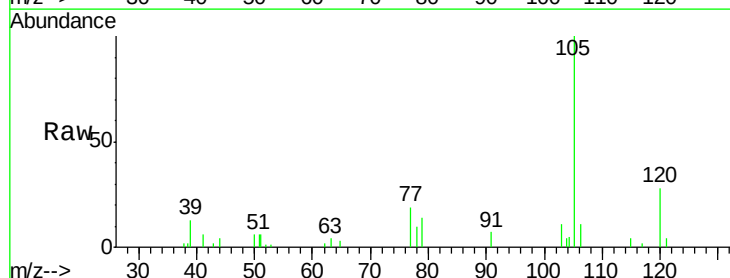
Acq: 30 Mar 2018 05:35

Tgt Ion:105 Resp: 4803

Ion Ratio Lower Upper

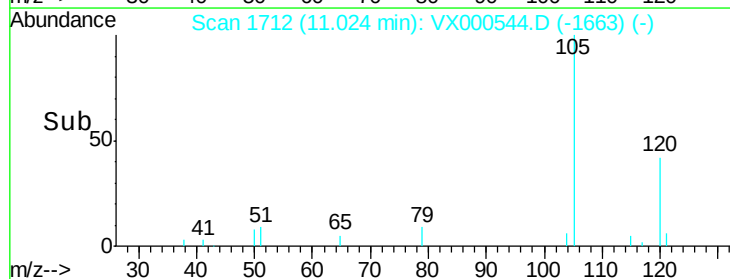
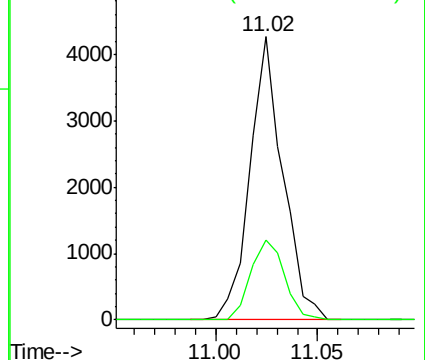
105 100

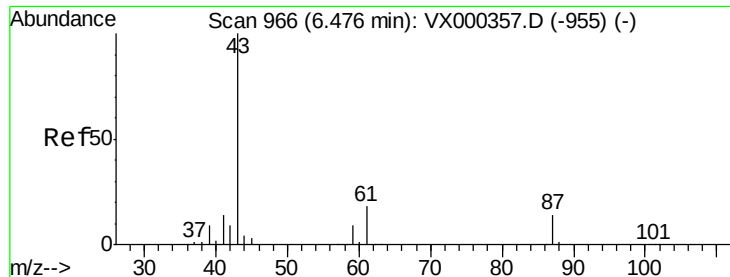
120 29.0 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: Below Cal

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX000544.D

Acq: 30 Mar 2018 05:35

Instrument :

MSVOA_X

ClientSampleId :

22193-4-5

Tgt Ion: 43 Resp: 78

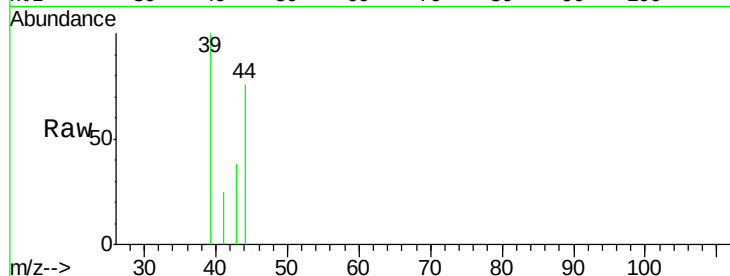
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 0.0 14.4 21.6#

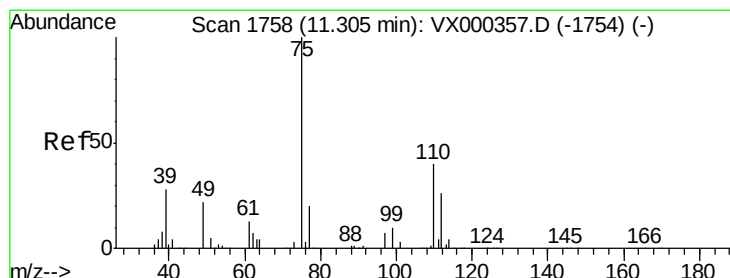
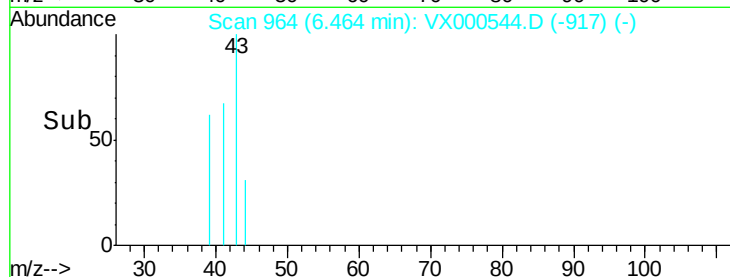
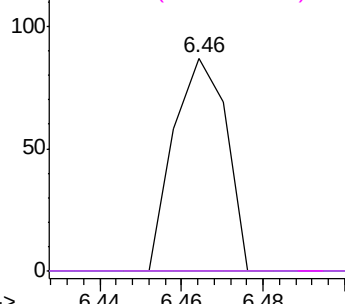


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 22.18 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000544.D

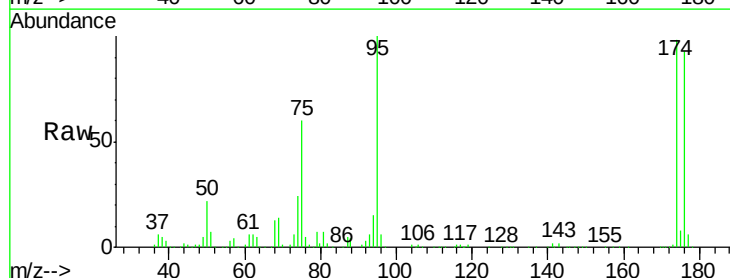
Acq: 30 Mar 2018 05:35

Tgt Ion: 75 Resp: 51383

Ion Ratio Lower Upper

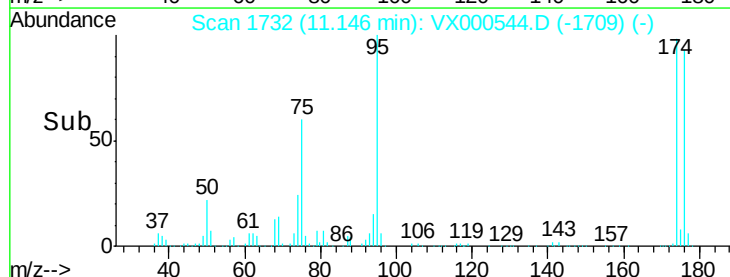
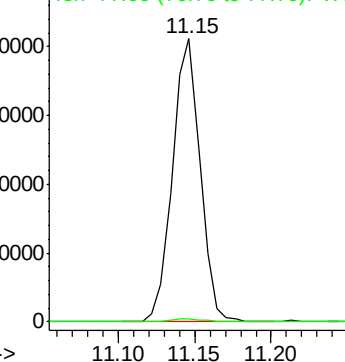
75 100

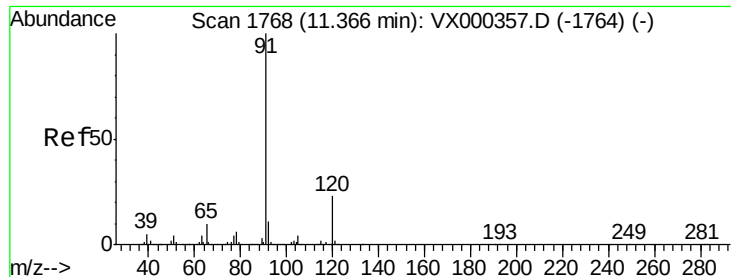
77 1.3 21.4 64.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 1.67 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000544.D

Acq: 30 Mar 2018 05:35

Instrument :

MSVOA_X

ClientSampleId :

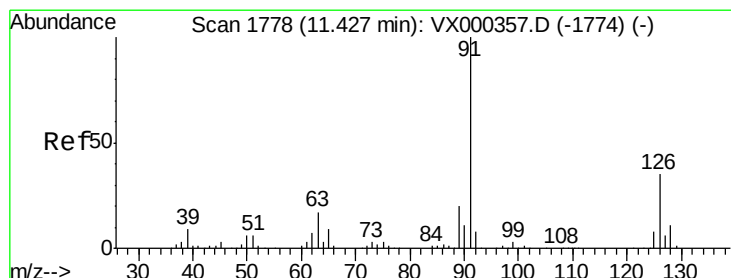
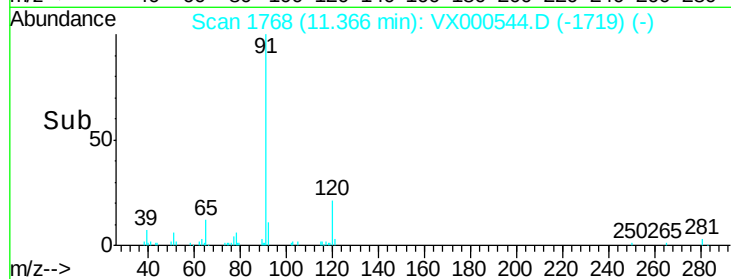
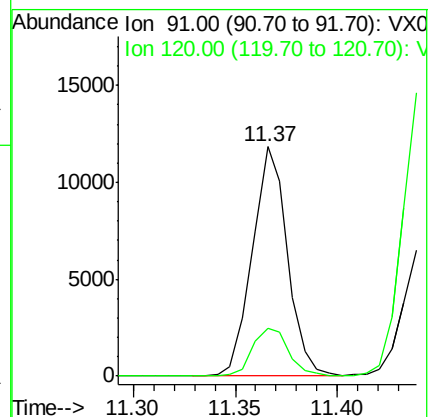
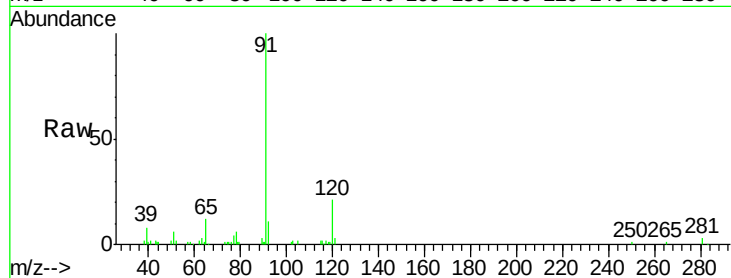
22193-4-5

Tgt Ion: 91 Resp: 14208

Ion Ratio Lower Upper

91 100

120 21.7 11.8 35.3



#79

2-Chlorotoluene

Concen: 2.19 ug/l

RT: 11.44 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VX000544.D

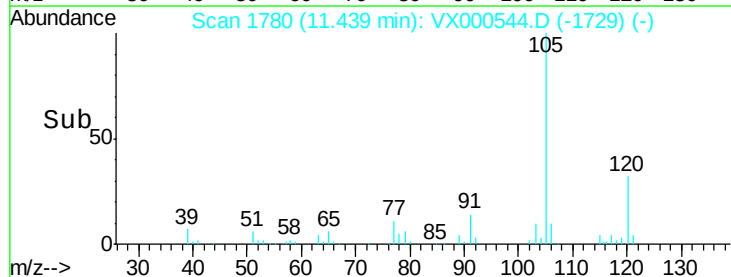
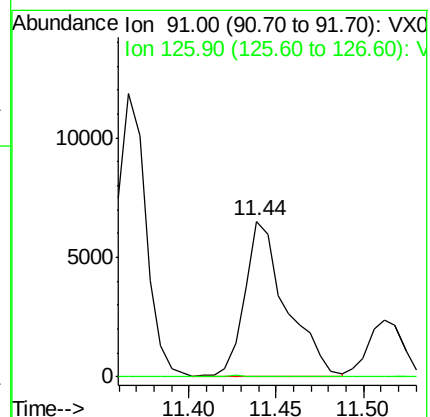
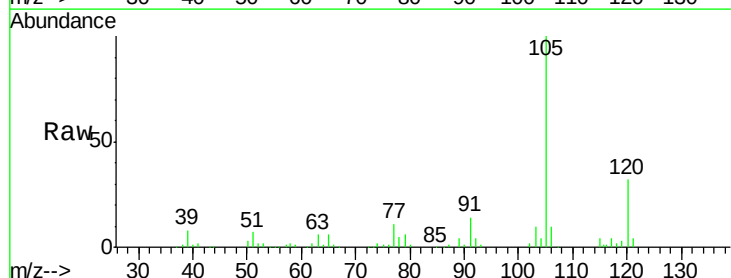
Acq: 30 Mar 2018 05:35

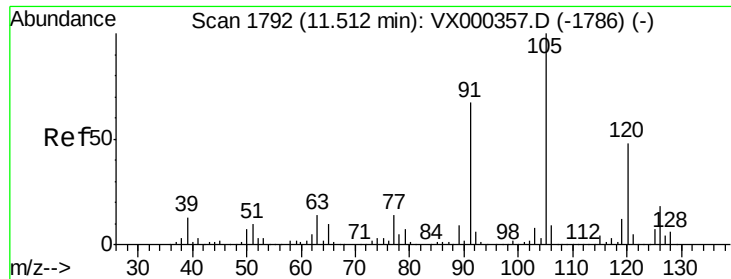
Tgt Ion: 91 Resp: 10797

Ion Ratio Lower Upper

91 100

126 0.2 17.7 53.1#

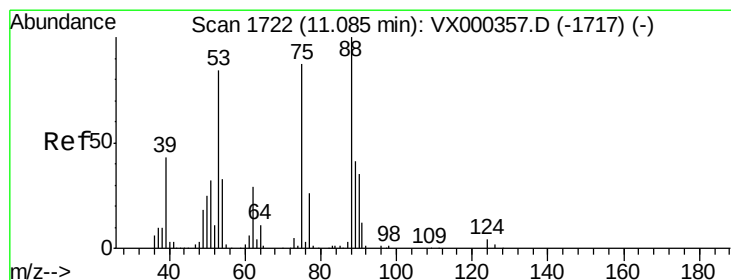
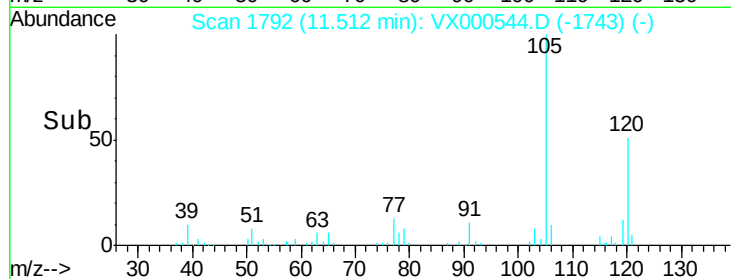
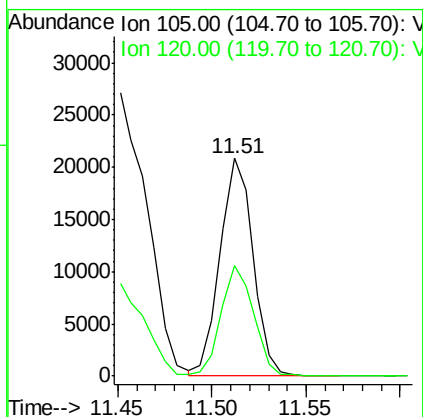
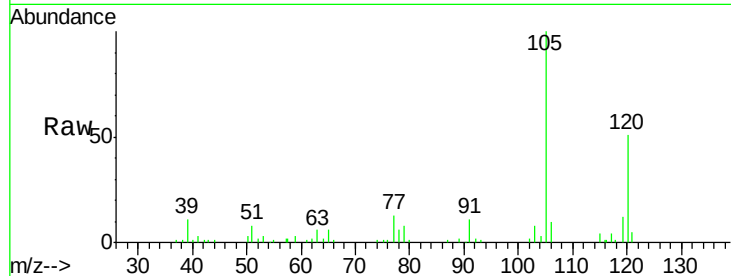




#80
 1,3,5-Trimethylbenzene
 Concen: 4.25 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000544.D
 Acq: 30 Mar 2018 05:35

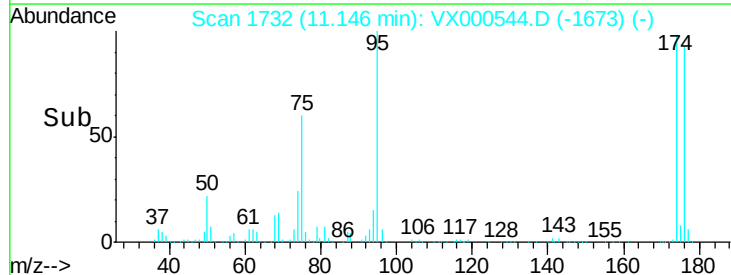
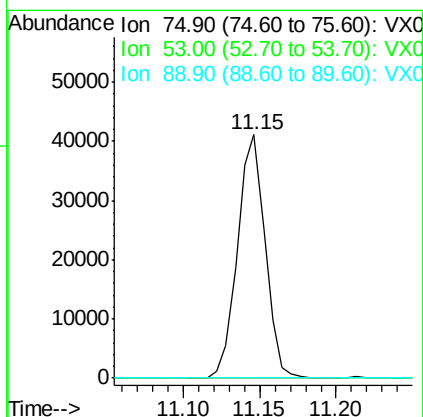
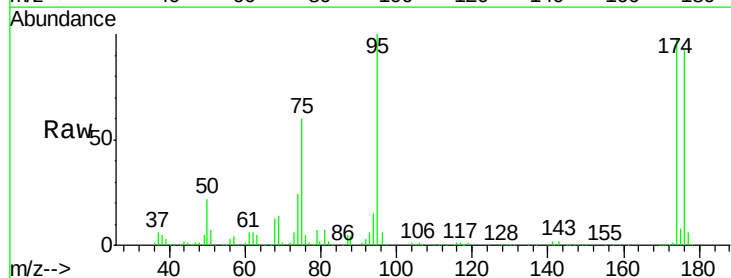
Instrument :
 MSVOA_X
 ClientSampled :
 22193-4-5

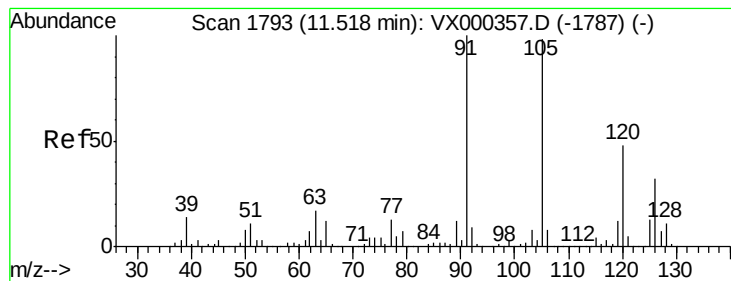
Tgt Ion: 105 Resp: 25494
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.1 72.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.81 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.06 min
 Lab File: VX000544.D
 Acq: 30 Mar 2018 05:35

Tgt Ion: 75 Resp: 51383
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.7 121.1#
 89 0.1 39.4 59.0#





#82

4-Chlorotoluene

Concen: 0.58 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000544.D

Acq: 30 Mar 2018 05:35

Instrument :

MSVOA_X

ClientSampleId :

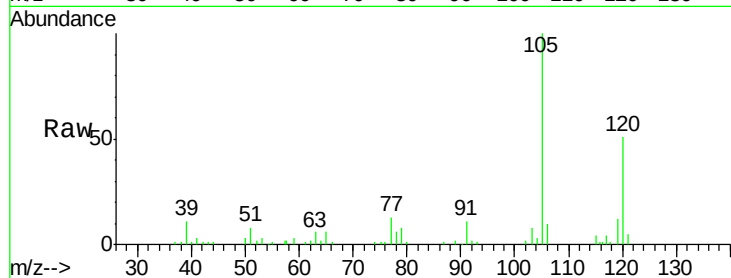
22193-4-5

Tgt Ion: 91 Resp: 3408

Ion Ratio Lower Upper

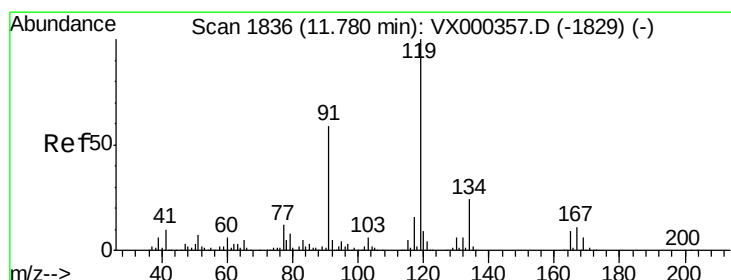
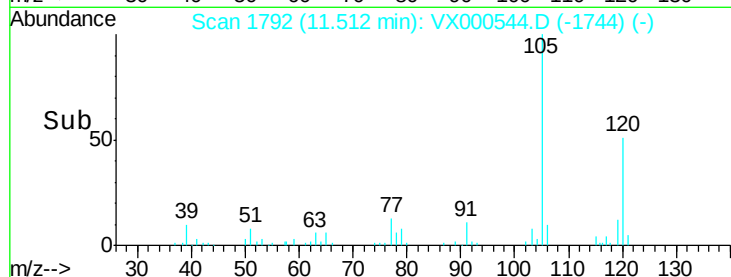
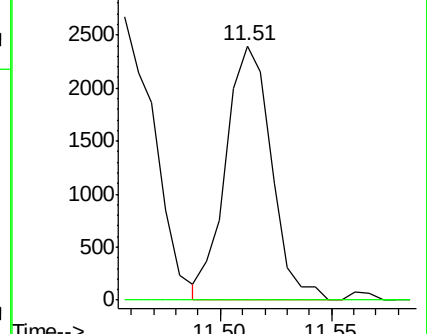
91 100

126 0.0 15.4 46.1#



Abundance Ion 91.00 (90.70 to 91.70): VX000357.D (-1787) (-)

Ion 125.90 (125.60 to 126.60): VX000357.D (-1787) (-)



#83

tert-Butylbenzene

Concen: 0.58 ug/l

RT: 12.04 min Scan# 1878

Delta R.T. 0.26 min

Lab File: VX000544.D

Acq: 30 Mar 2018 05:35

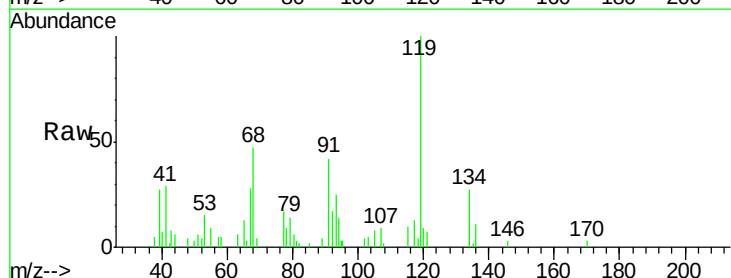
Tgt Ion: 119 Resp: 3492

Ion Ratio Lower Upper

119 100

91 42.5 28.8 86.4

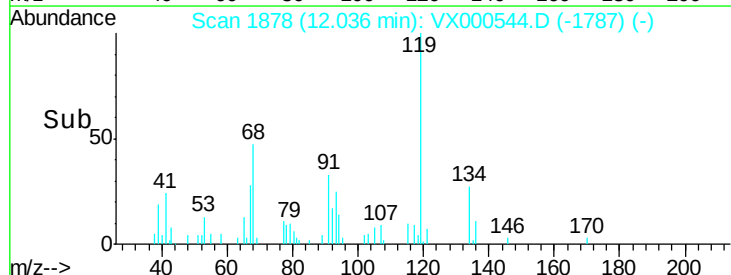
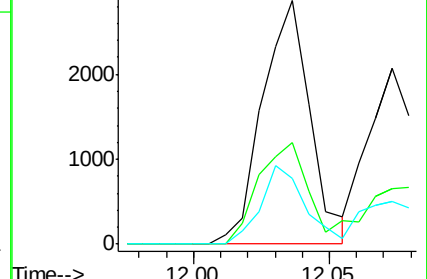
134 30.0 11.4 34.1

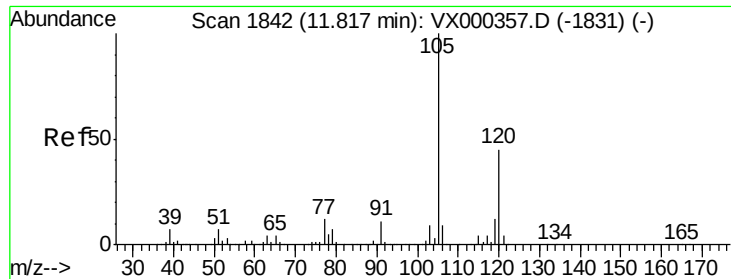


Abundance Ion 119.00 (118.70 to 119.70): VX000357.D (-1829) (-)

Ion 91.00 (90.70 to 91.70): VX000357.D (-1829) (-)

Ion 134.00 (133.70 to 134.70): VX000357.D (-1829) (-)

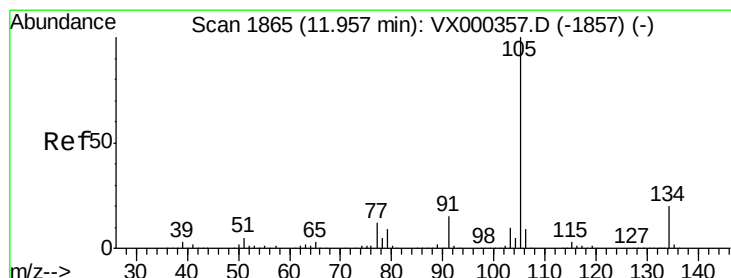
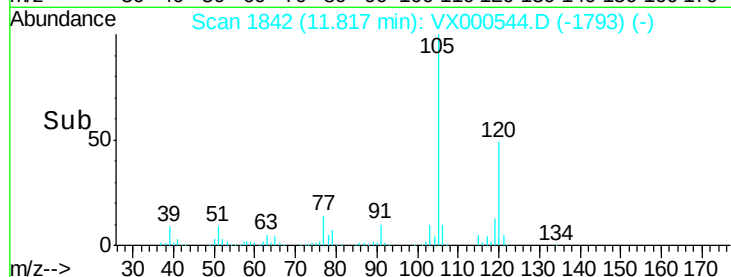
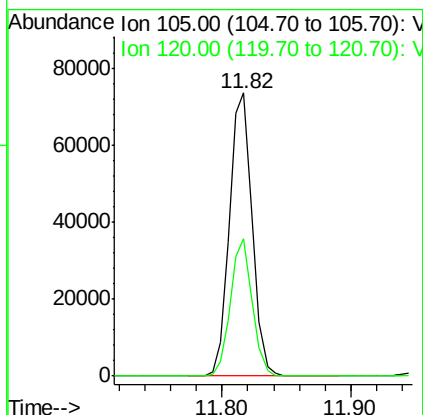
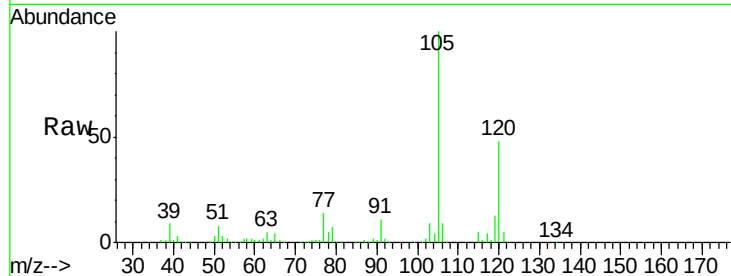




#84
 1,2,4-Trimethylbenzene
 Concen: 14.48 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000544.D
 Acq: 30 Mar 2018 05:35

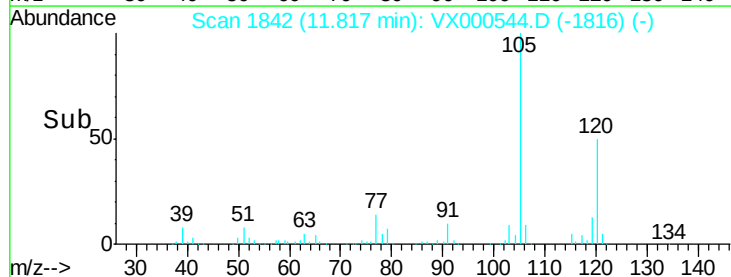
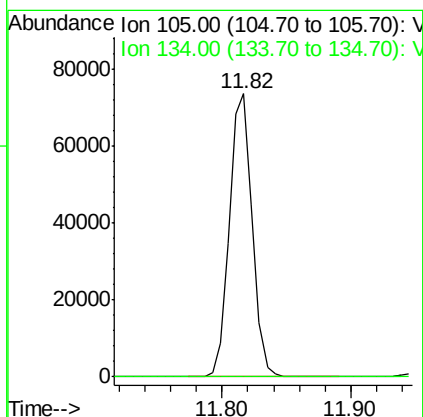
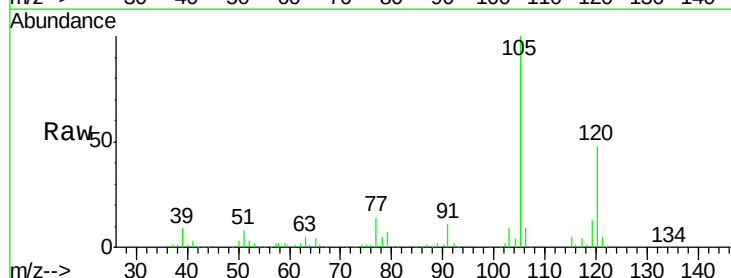
Instrument :
 MSVOA_X
 ClientSampled :
 22193-4-5

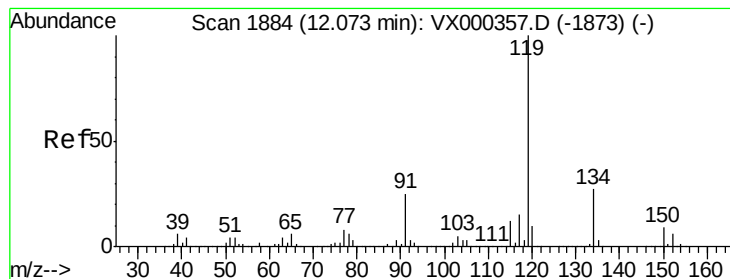
Tgt Ion:105 Resp: 91158
 Ion Ratio Lower Upper
 105 100
 120 46.7 22.4 67.3



#85
 sec-Butylbenzene
 Concen: 12.16 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.14 min
 Lab File: VX000544.D
 Acq: 30 Mar 2018 05:35

Tgt Ion:105 Resp: 91158
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.3 30.8#





#86

p-Isopropyltoluene

Concen: 0.36 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000544.D

Acq: 30 Mar 2018 05:35

Instrument :

MSVOA_X

ClientSampleId :

22193-4-5

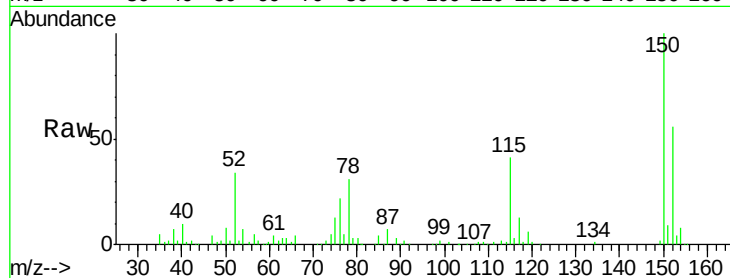
Tgt Ion: 119 Resp: 2424

Ion Ratio Lower Upper

119 100

134 34.8 13.3 39.9

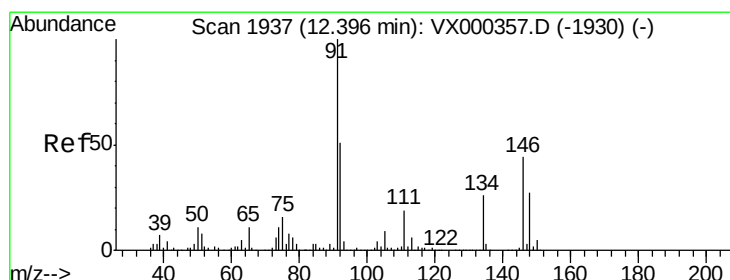
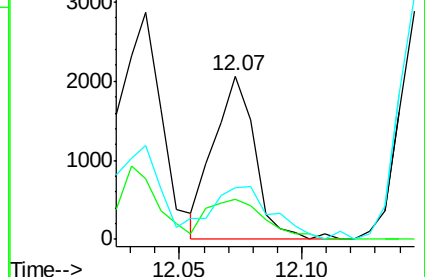
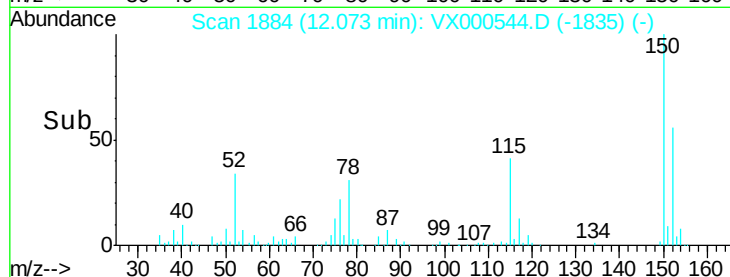
91 41.6 12.0 36.1#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#89

n-Butylbenzene

Concen: 0.77 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VX000544.D

Acq: 30 Mar 2018 05:35

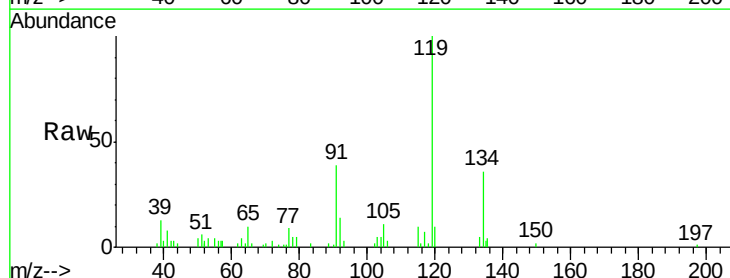
Tgt Ion: 91 Resp: 4745

Ion Ratio Lower Upper

91 100

92 28.0 25.9 77.8

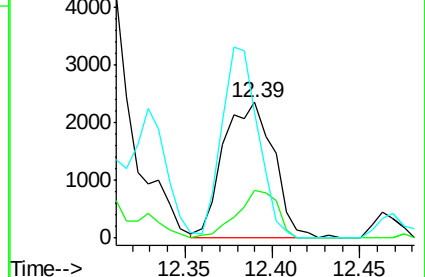
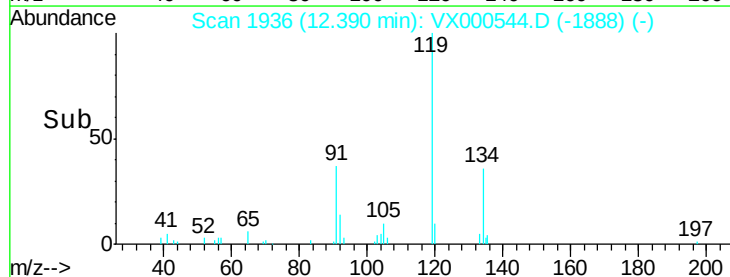
134 100.8 13.1 39.3#

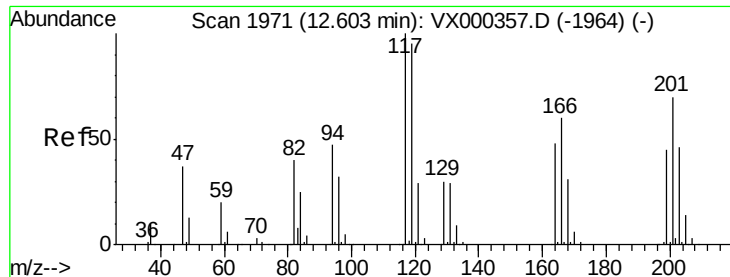


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.70 ug/l

RT: 12.62 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VX000544.D

Acq: 30 Mar 2018 05:35

Instrument :

MSVOA_X

ClientSampled :

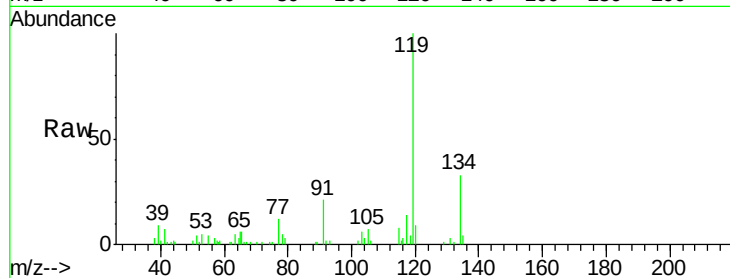
22193-4-5

Tgt Ion:117 Resp: 736

Ion Ratio Lower Upper

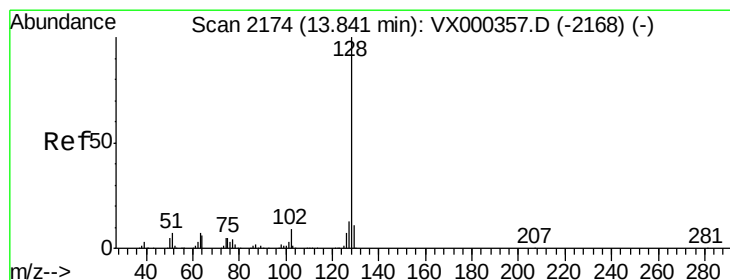
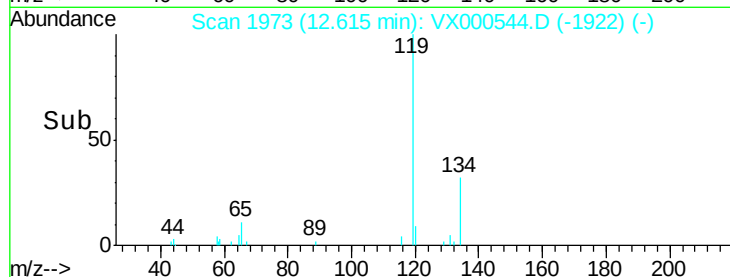
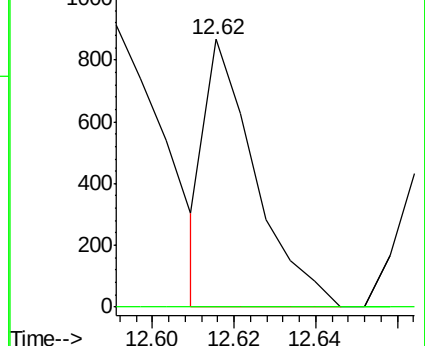
117 100

201 0.0 37.9 113.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 3.76 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000544.D

Acq: 30 Mar 2018 05:35

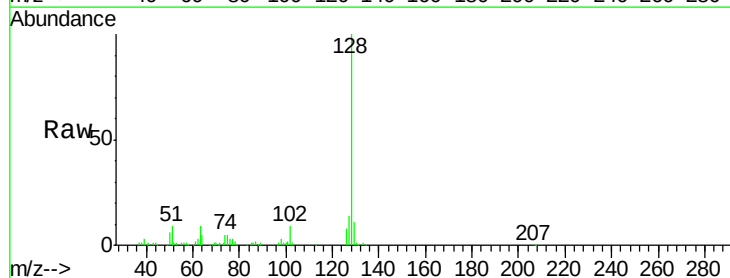
Tgt Ion:128 Resp: 33153

Ion Ratio Lower Upper

128 100

127 13.5 10.6 15.8

129 11.0 8.9 13.3



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

