

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032719\
 Data File : VX008483.D
 Acq On : 27 Mar 2019 15:29
 Operator : JC/SP
 Sample : K2099-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SHORE-RD-CLVRT-STLD-1H-B

Quant Time: Mar 28 02:06:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	36120	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	208004	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	184970	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	90113	29.82	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.40%
60) 4-Bromofluorobenzene	11.13	95	94301	29.26	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.53%
63) Toluene-d8	8.71	98	268853	30.62	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.07%

Target Compounds

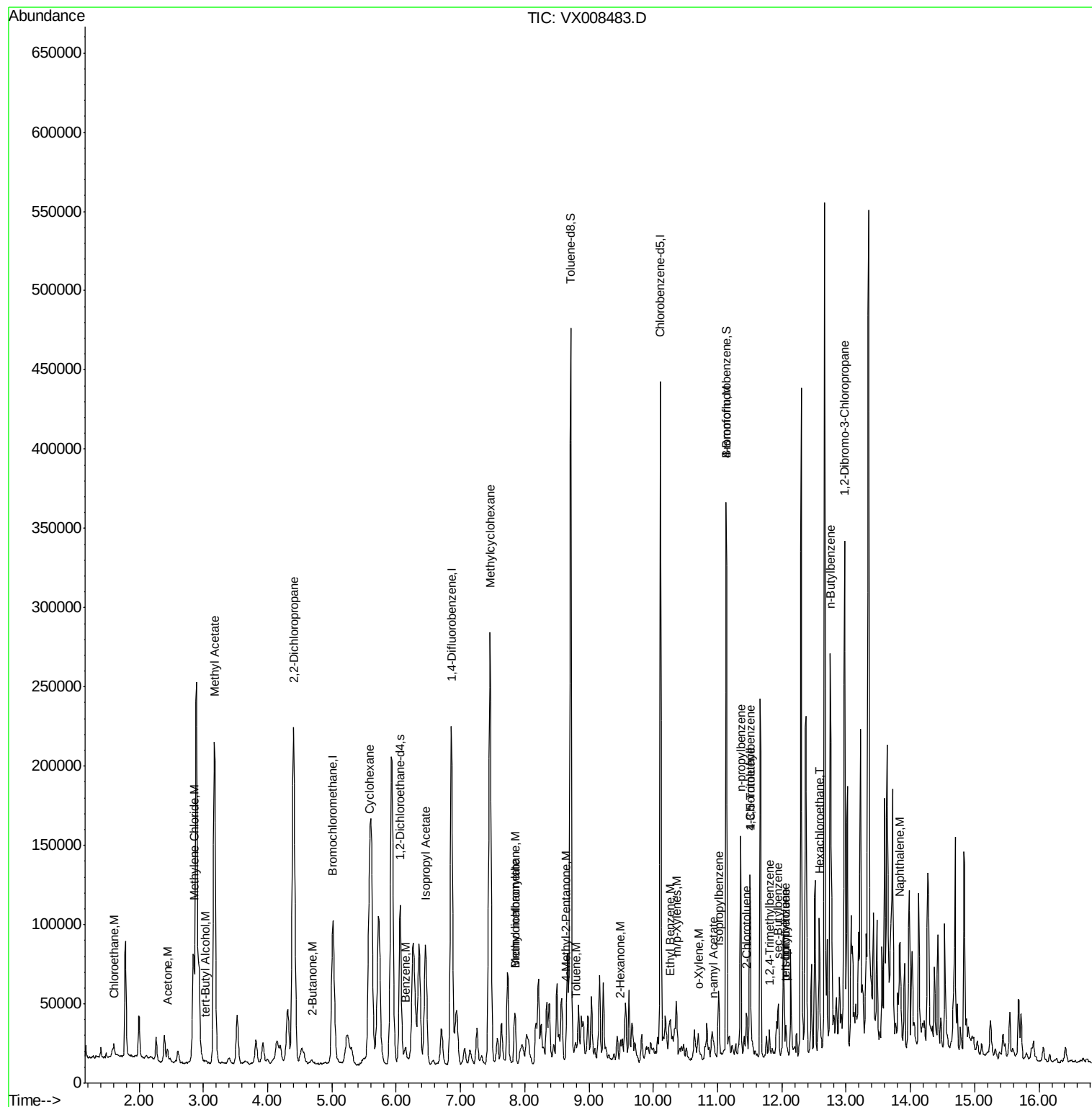
					Ovalue
6) Chloroethane	1.61	64	1052	0.493	ug/l # 56
12) Methyl Acetate	3.17	43	35028	18.895	ug/l # 51
15) Acetone	2.45	58	2937	5.557	ug/l 80
18) Methylene Chloride	2.86	84	1245	0.455	ug/l # 69
23) tert-Butyl Alcohol	3.04	59	1502	2.170	ug/l # 98
26) Cyclohexane	5.58	56	91998	18.855	ug/l # 69
30) 2-Butanone	4.69	43	2465	0.958	ug/l # 84
31) 2,2-Dichloropropane	4.40	77	1322	0.378	ug/l # 49
34) Benzene	6.14	78	11164	1.044	ug/l # 92
38) Methylcyclohexane	7.46	83	113839	25.817	ug/l 76
41) Bromodichloromethane	7.84	83	1524	0.441	ug/l # 30
44) Isopropyl Acetate	6.46	43	4083	0.545	ug/l # 58
46) Methyl methacrylate	7.85	41	5287	1.390	ug/l 78
47) n-amyl Acetate	10.94	43	4658	0.685	ug/l # 1
56) Bromoform	11.13	173	813	0.434	ug/l # 1
58) 4-Methyl-2-Pentanone	8.64	43	8235	1.688	ug/l # 88
59) 2-Hexanone	9.50	43	918	0.238	ug/l # 86
62) Toluene	8.79	91	4617	0.412	ug/l 93
66) Ethyl Benzene	10.25	91	10874	0.875	ug/l 97
67) m/p-Xylenes	10.36	106	5749	1.268	ug/l 89
68) o-Xylene	10.69	106	3004	0.677	ug/l 97
70) Isopropylbenzene	11.02	105	19293	1.648	ug/l 96
74) n-propylbenzene	11.36	91	80573	5.779	ug/l 94
75) 2-Chlorotoluene	11.45	91	1777	0.214	ug/l 48
76) 1,3,5-Trimethylbenzene	11.51	105	46497	4.647	ug/l 94
78) 4-Chlorotoluene	11.51	91	5384	0.564	ug/l 44
79) tert-butylbenzene	12.06	119	7231	0.707	ug/l 94
80) 1,2,4-Trimethylbenzene	11.80	105	6654	0.667	ug/l 91
81) sec-Butylbenzene	11.94	105	15289	1.337	ug/l 91
82) p-Isopropyltoluene	12.06	119	7231	0.707	ug/l 94
85) n-Butylbenzene	12.76	91	23637	2.433	ug/l 59
86) Hexachloroethane	12.58	117	3376	1.976	ug/l # 8
88) 1,2-Dibromo-3-Chloropropan	12.97	75	1129	1.165	ug/l # 1
91) Naphthalene	13.83	128	39466	3.353	ug/l 97

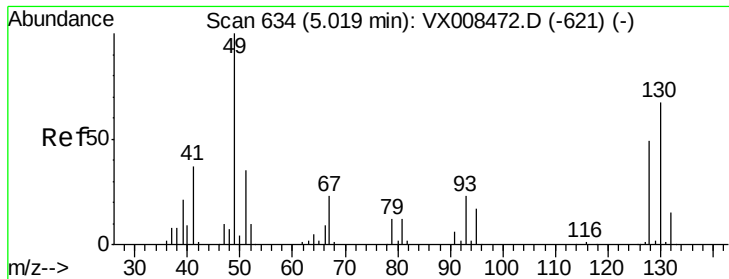
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX032719\
Data File : VX008483.D
Acq On : 27 Mar 2019 15:29
Operator : JC/SP
Sample : K2099-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-B

Quant Time: Mar 28 02:06:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Mar 27 12:01:15 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX008483.D

Acq: 27 Mar 2019 15:29

Instrument :

MSVOA_X

ClientSampleId :

SHORE-RD-CLVRT-STLD-1H-B

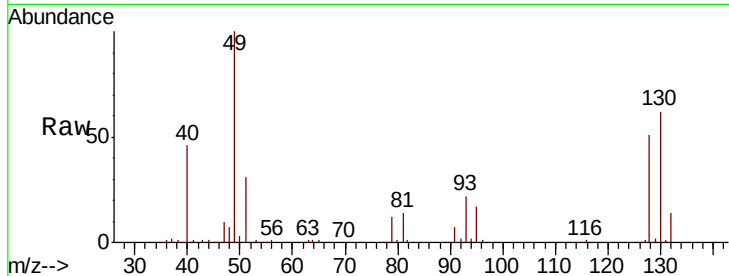
Tot Ion:128 Resp: 36120

Ion Ratio Lower Upper

128 100

49 204.4 0.0 350.8

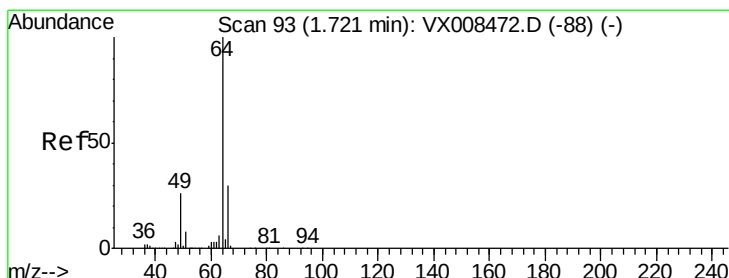
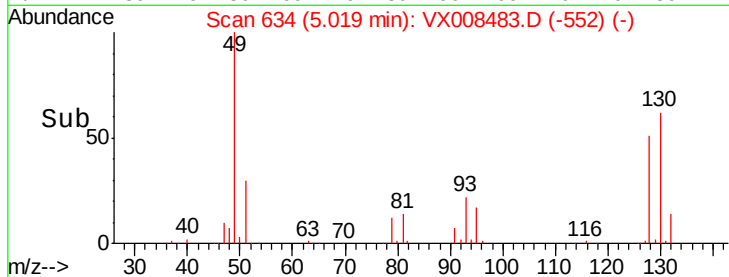
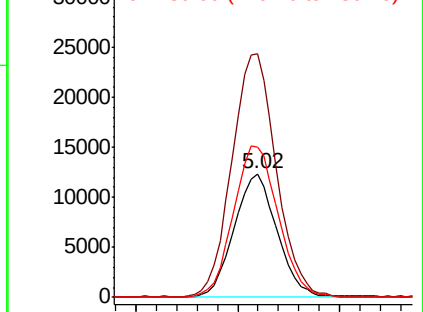
130 127.8 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#6

Chloroethane

Concen: 0.493 ug/l

RT: 1.61 min Scan# 75

Delta R.T. -0.11 min

Lab File: VX008483.D

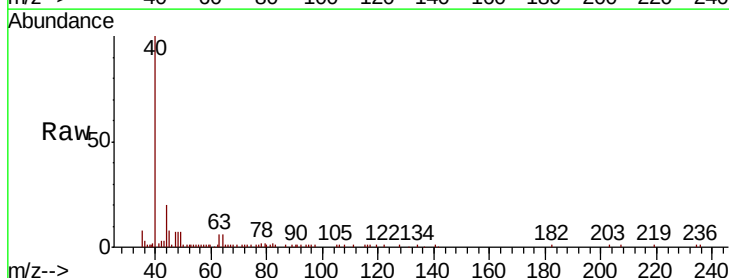
Acq: 27 Mar 2019 15:29

Tgt Ion: 64 Resp: 1052

Ion Ratio Lower Upper

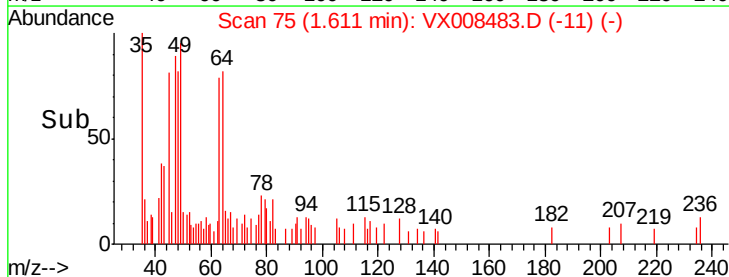
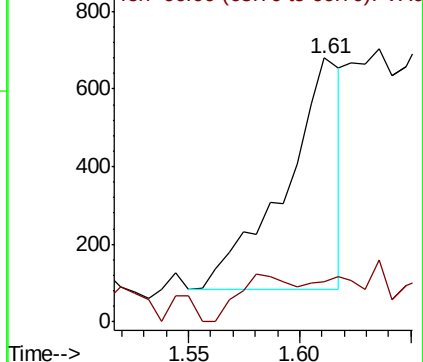
64 100

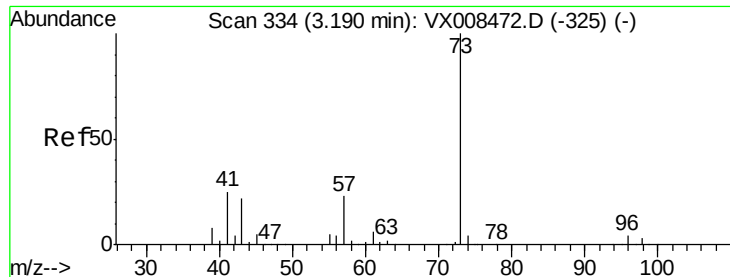
66 5.9 23.9 35.9#



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#12

Methyl Acetate

Concen: 18.895 ug/l

RT: 3.17 min Scan# 331

Delta R.T. -0.02 min

Lab File: VX008483.D

Acq: 27 Mar 2019 15:29

Instrument :

MSVOA_X

ClientSampleId :

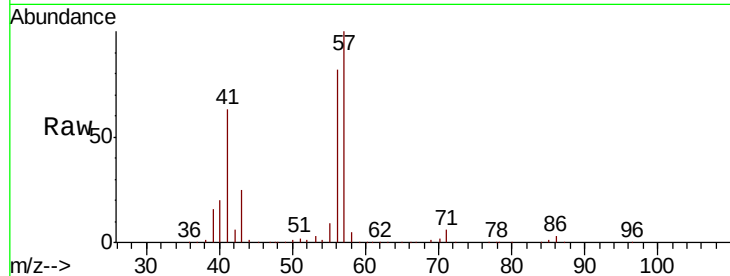
SHORE-RD-CLVRT-STLD-1H-B

Tot Ion: 43 Resp: 35028

Ion Ratio Lower Upper

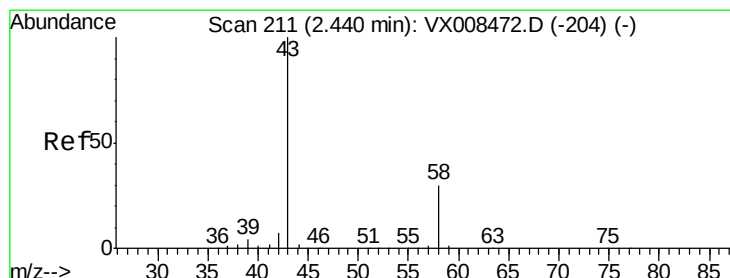
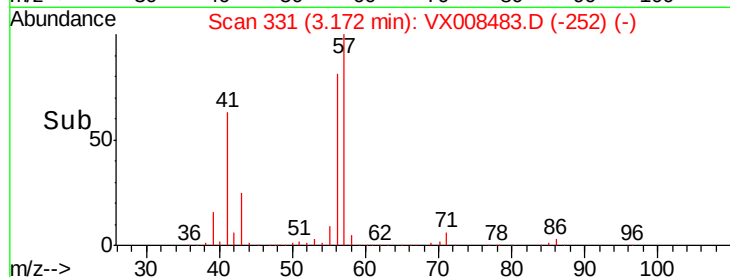
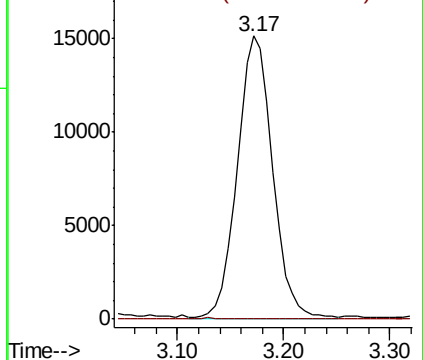
43 100

74 0.0 19.4 29.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#15

Acetone

Concen: 5.557 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX008483.D

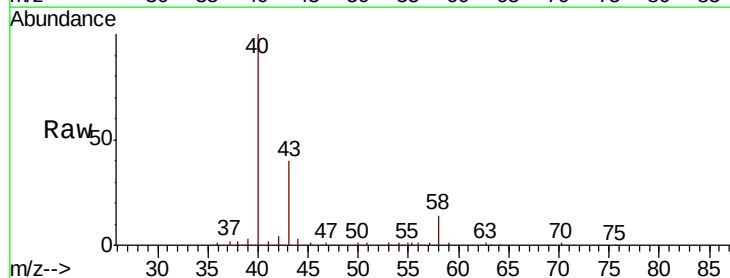
Acq: 27 Mar 2019 15:29

Tgt Ion: 58 Resp: 2937

Ion Ratio Lower Upper

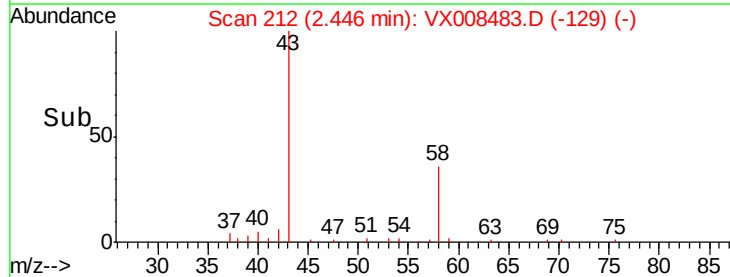
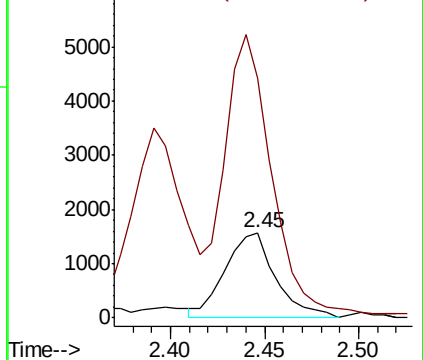
58 100

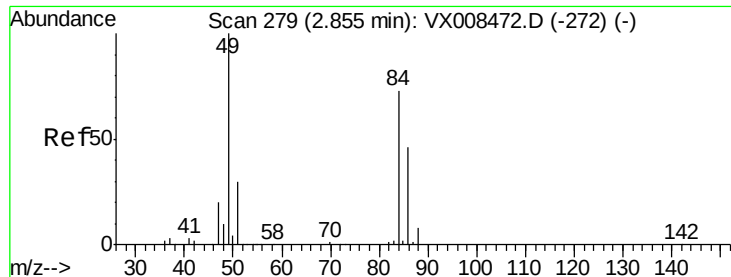
43 272.1 249.8 374.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

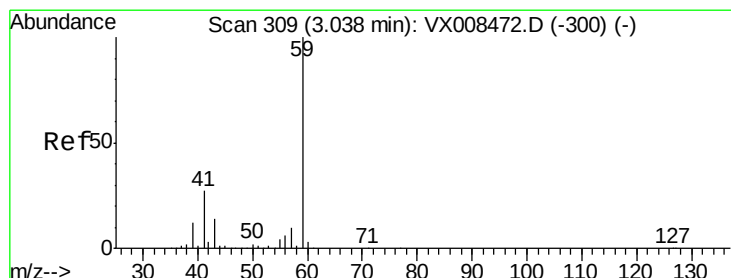
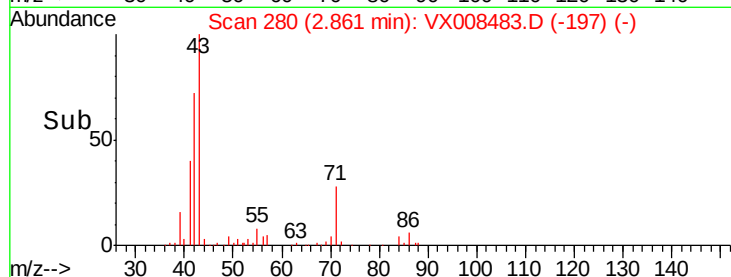
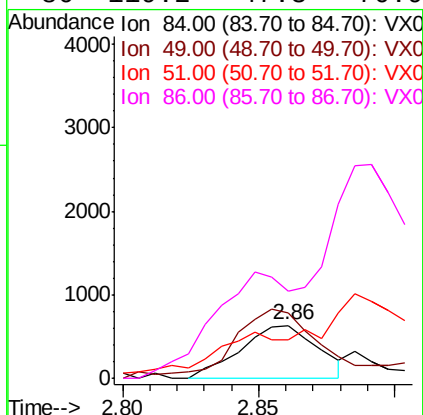
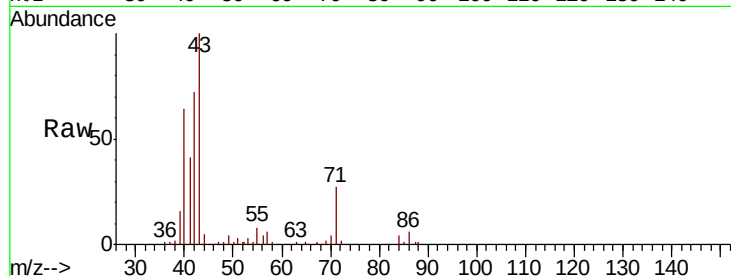




#18
Methylene Chloride
Concen: 0.455 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX008483.D
Acq: 27 Mar 2019 15:29

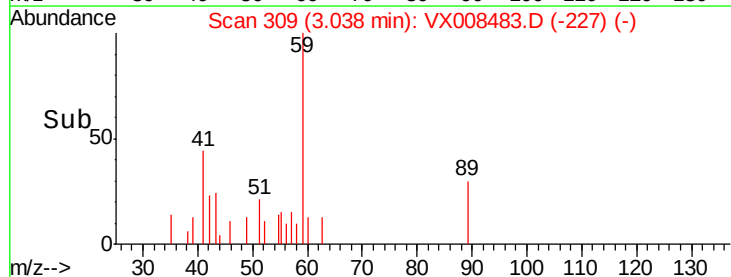
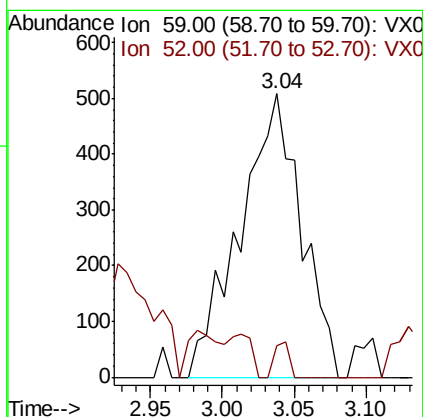
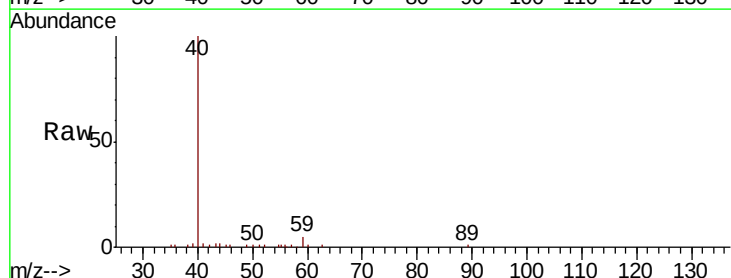
Instrument :
MSVOA_X
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-B

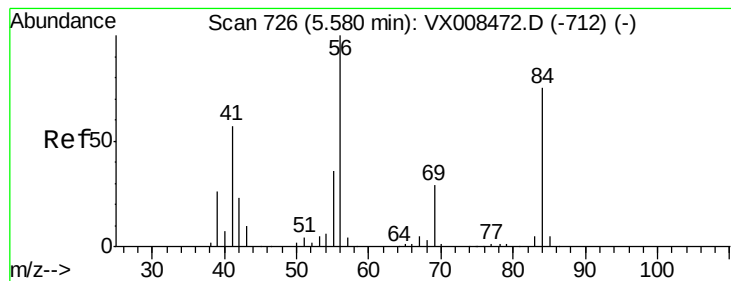
Tot Ion: 84 Resp: 1245
Ion Ratio Lower Upper
84 100
49 111.8 96.1 144.1
51 52.5 29.1 43.7#
86 119.2 47.3 70.9#



#23
tert-Butyl Alcohol
Concen: 2.170 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.00 min
Lab File: VX008483.D
Acq: 27 Mar 2019 15:29

Tgt Ion: 59 Resp: 1502
Ion Ratio Lower Upper
59 100
52 2.9 0.2 0.2#





#26

Cyclohexane

Concen: 18.855 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008483.D

Acq: 27 Mar 2019 15:29

Instrument :

MSVOA_X

ClientSampleId :

SHORE-RD-CLVRT-STLD-1H-B

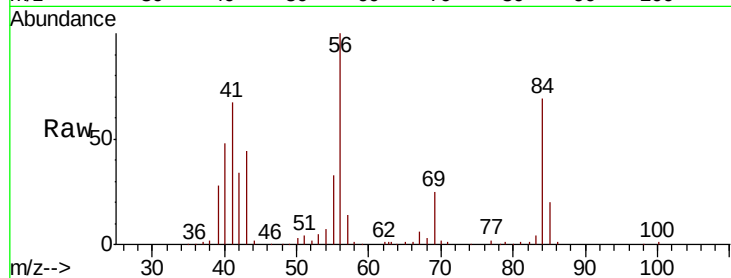
Tot Ion: 56 Resp: 91998

Ion Ratio Lower Upper

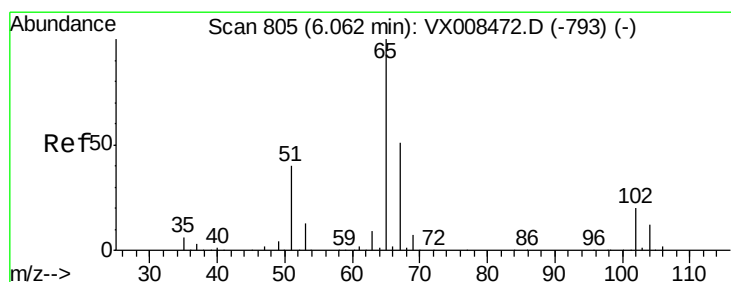
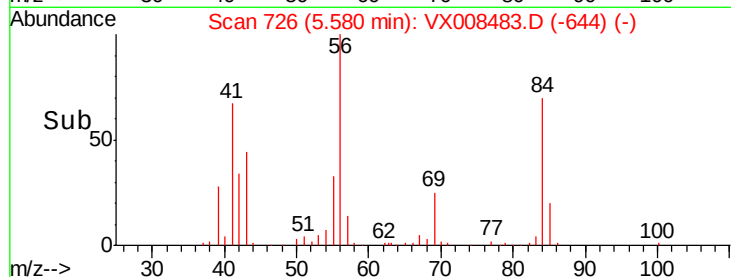
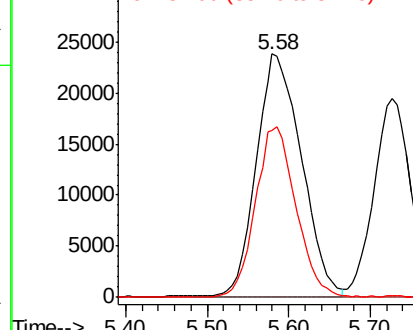
56 100

89 0.0 0.0 0.0

84 62.7 73.9 110.9#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 89.00 (88.70 to 89.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#27

1,2-Dichloroethane-d4

Concen: 29.823 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008483.D

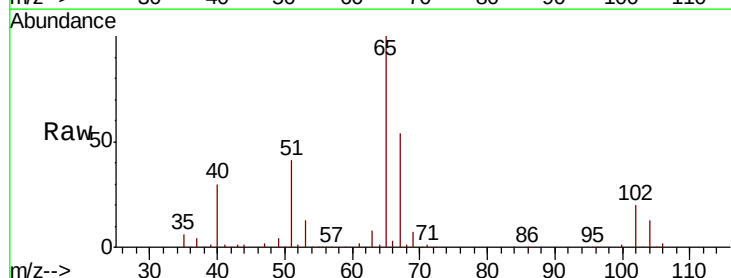
Acq: 27 Mar 2019 15:29

Tgt Ion: 65 Resp: 90113

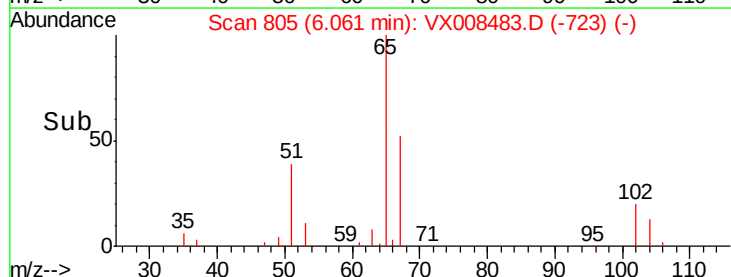
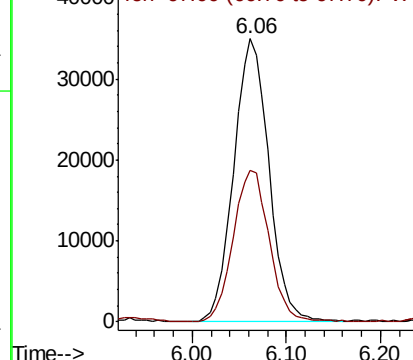
Ion Ratio Lower Upper

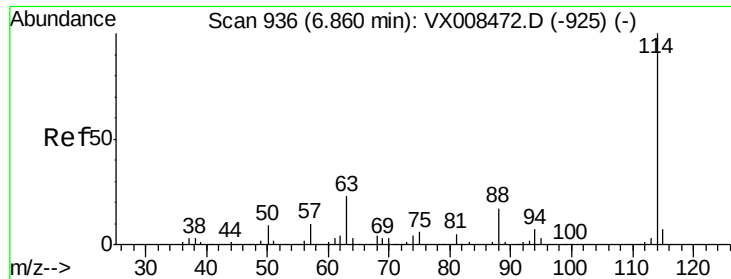
65 100

67 54.4 42.9 64.3



Abundance Ion 65.00 (64.70 to 65.70): VX0
Ion 67.00 (66.70 to 67.70): VX0

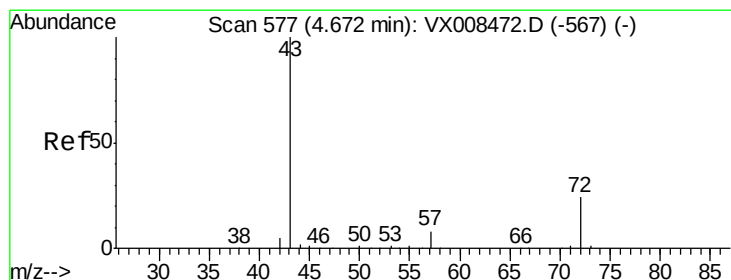
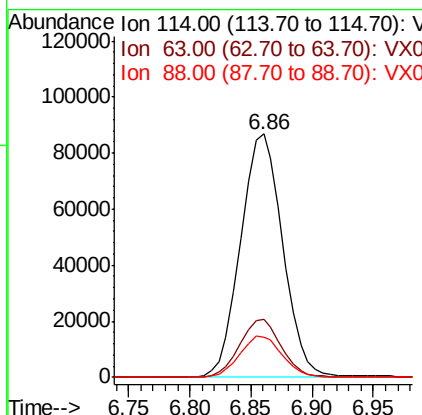
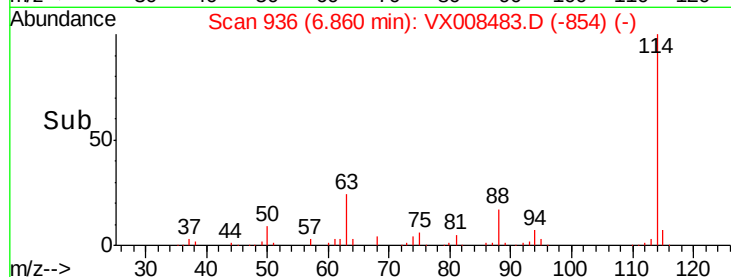
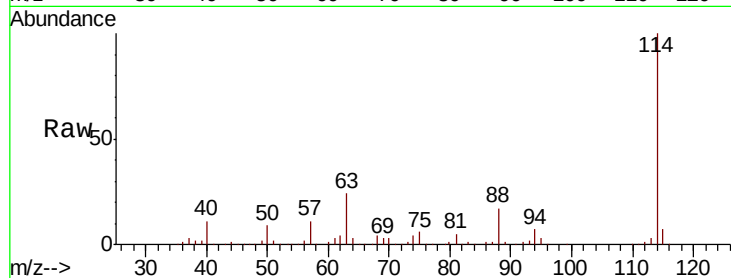




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008483.D
 Acq: 27 Mar 2019 15:29

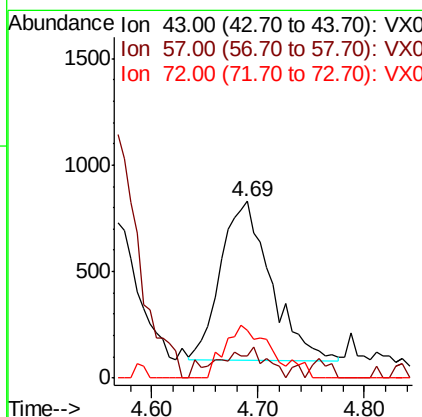
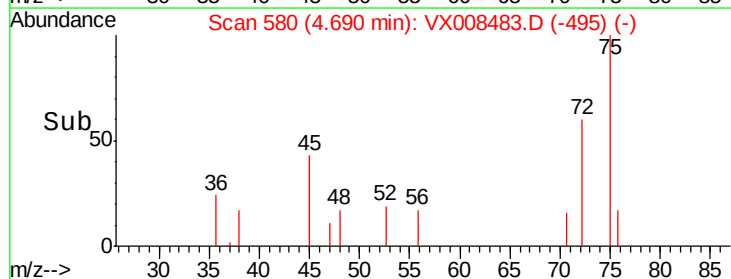
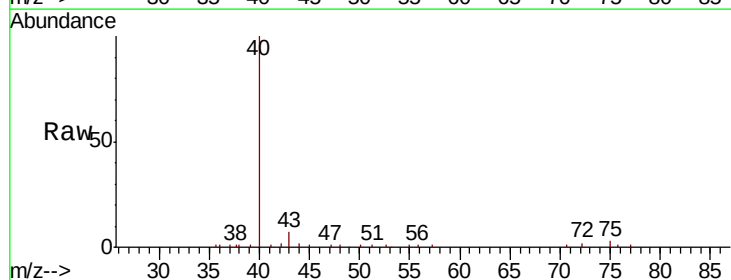
Instrument :
 MSVOA_X
 ClientSampleId :
 SHORE-RD-CLVRT-STLD-1H-B

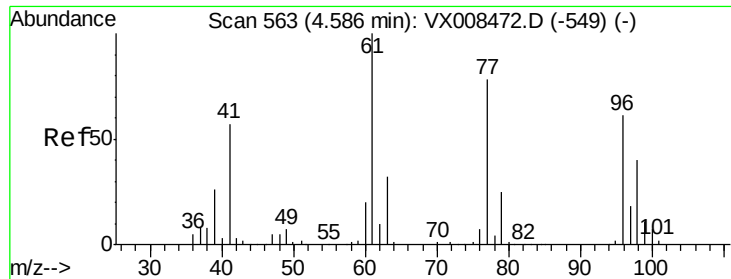
Tot Ion:114 Resp: 208004
 Ion Ratio Lower Upper
 114 100
 63 23.8 14.2 21.4#
 88 17.1 11.9 17.9



#30
 2-Butanone
 Concen: 0.958 ug/l
 RT: 4.69 min Scan# 580
 Delta R.T. 0.02 min
 Lab File: VX008483.D
 Acq: 27 Mar 2019 15:29

Tgt Ion: 43 Resp: 2465
 Ion Ratio Lower Upper
 43 100
 57 3.2 7.0 10.6#
 72 18.7 21.5 32.3#

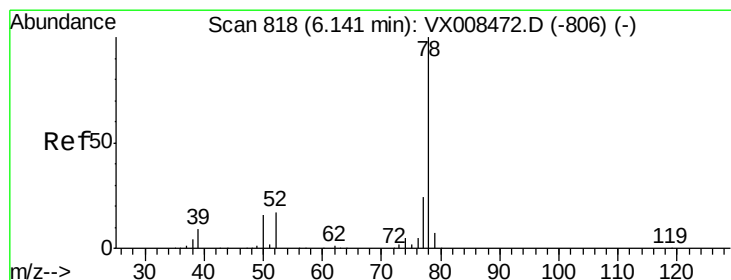
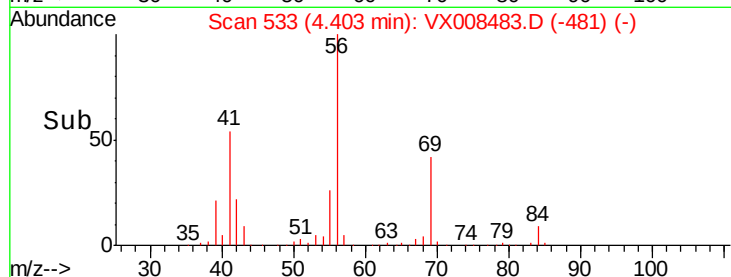
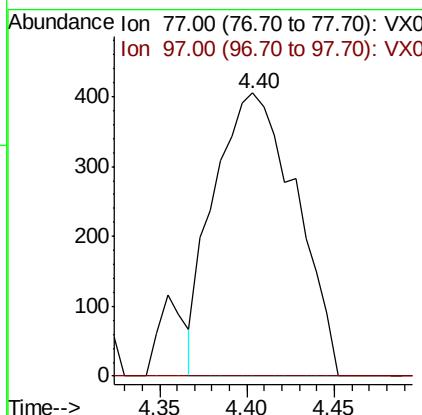
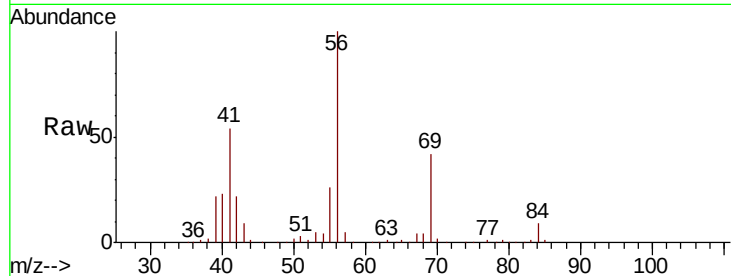




#31
 2,2-Dichloropropane
 Concen: 0.378 ug/l
 RT: 4.40 min Scan# 533
 Delta R.T. -0.18 min
 Lab File: VX008483.D
 Acq: 27 Mar 2019 15:29

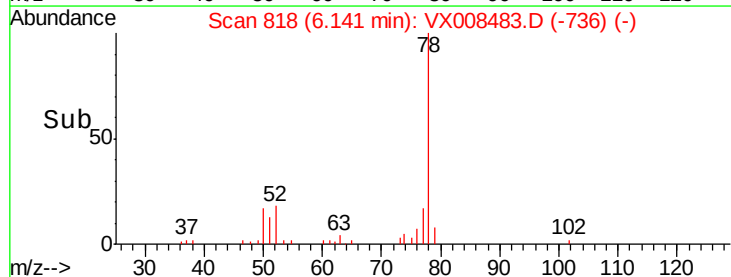
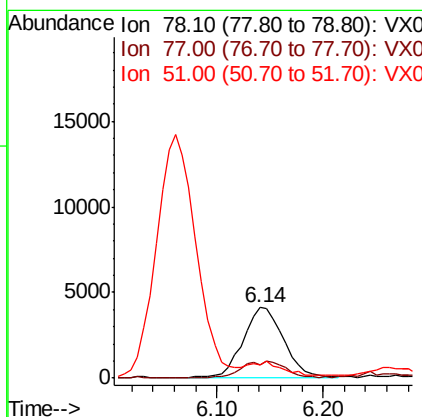
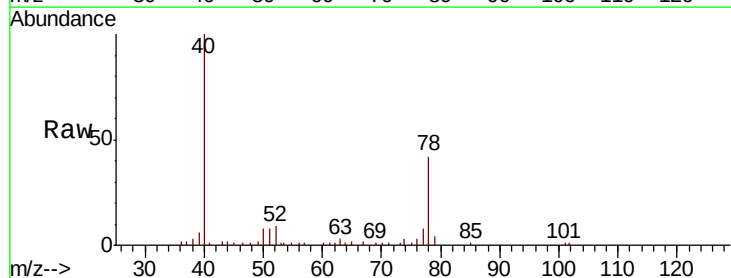
Instrument :
 MSVOA_X
 ClientSampleId :
 SHORE-RD-CLVRT-STLD-1H-B

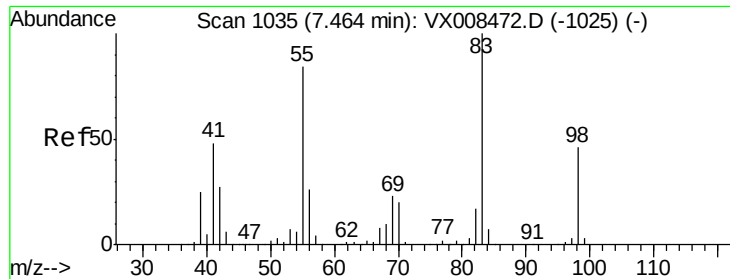
Tot Ion: 77 Resp: 1322
 Ion Ratio Lower Upper
 77 100
 97 0.0 20.6 31.0#



#34
 Benzene
 Concen: 1.044 ug/l
 RT: 6.14 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: VX008483.D
 Acq: 27 Mar 2019 15:29

Tgt Ion: 78 Resp: 11164
 Ion Ratio Lower Upper
 78 100
 77 18.9 19.1 28.7#
 51 15.1 10.8 16.2

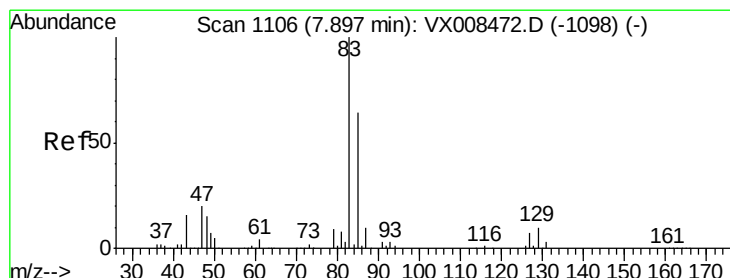
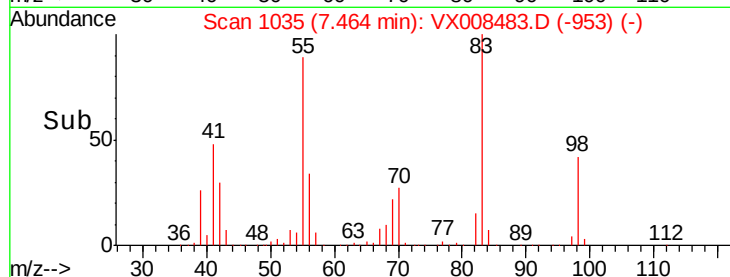
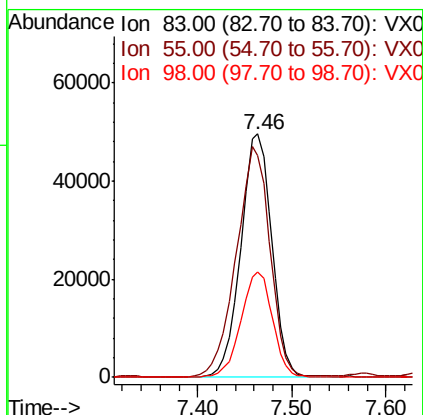
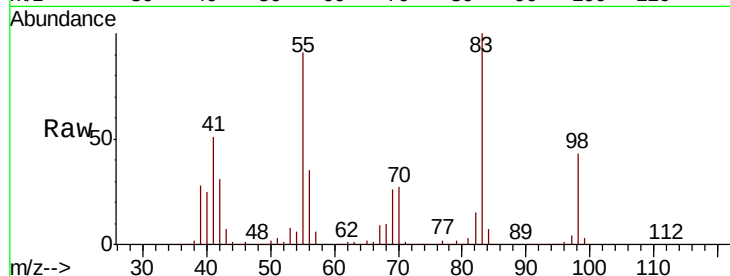




#38
Methylvlcyclohexane
Concen: 25.817 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008483.D
Acq: 27 Mar 2019 15:29

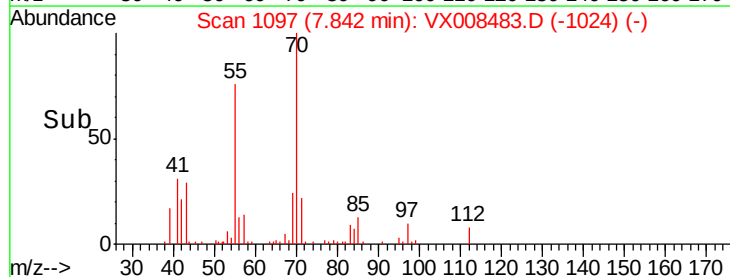
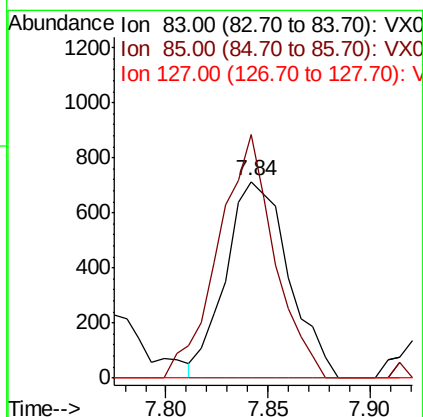
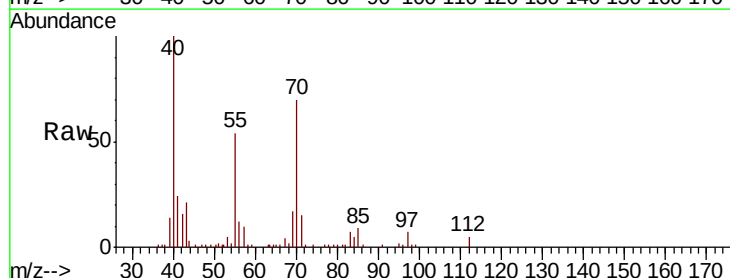
Instrument :
MSVOA_X
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-B

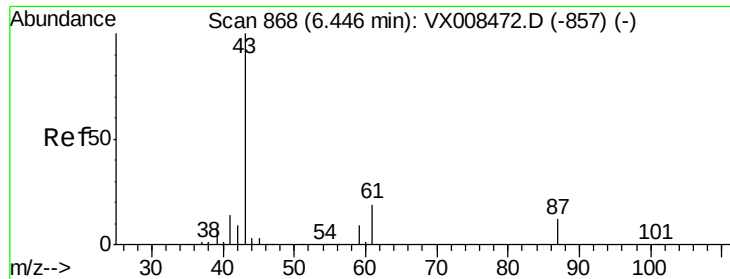
Tot Ion: 83 Resp: 113839
Ion Ratio Lower Upper
83 100
55 102.3 36.0 108.0
98 43.8 23.8 71.4



#41
Bromodichloromethane
Concen: 0.441 ug/l
RT: 7.84 min Scan# 1097
Delta R.T. -0.05 min
Lab File: VX008483.D
Acq: 27 Mar 2019 15:29

Tgt Ion: 83 Resp: 1524
Ion Ratio Lower Upper
83 100
85 123.8 51.1 76.7#
127 0.0 7.2 10.8#





#44

Isopropyl Acetate

Concen: 0.545 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX008483.D

Acq: 27 Mar 2019 15:29

Instrument :

MSVOA_X

ClientSampleId :

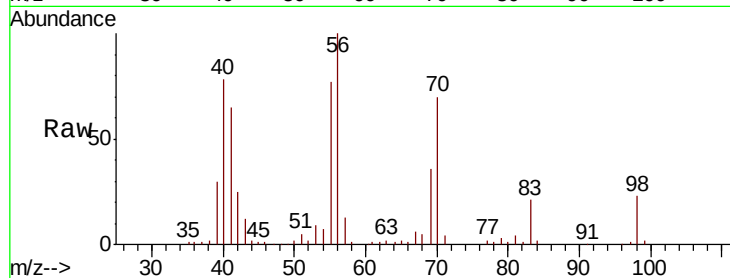
SHORE-RD-CLVRT-STLD-1H-B

Tot Ion: 43 Resp: 4083

Ion Ratio Lower Upper

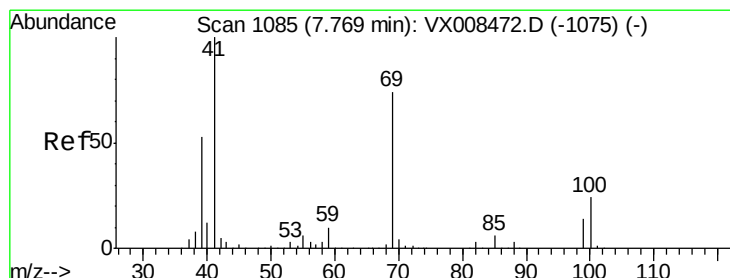
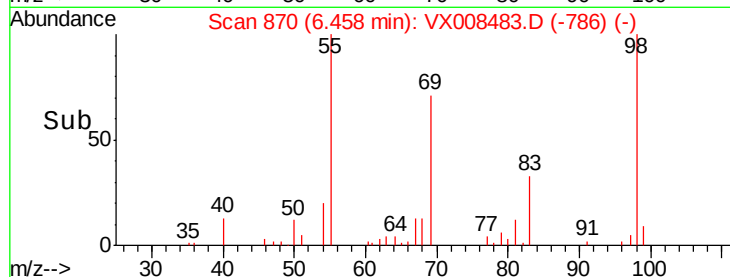
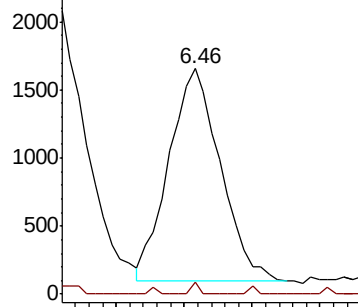
43 100

61 0.6 16.1 24.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#46

Methyl methacrylate

Concen: 1.390 ug/l

RT: 7.85 min Scan# 1098

Delta R.T. 0.08 min

Lab File: VX008483.D

Acq: 27 Mar 2019 15:29

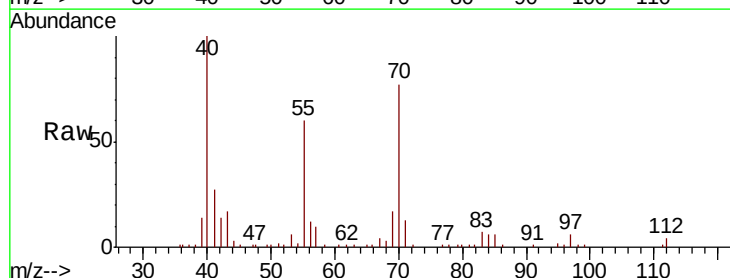
Tgt Ion: 41 Resp: 5287

Ion Ratio Lower Upper

41 100

69 64.6 44.2 132.6

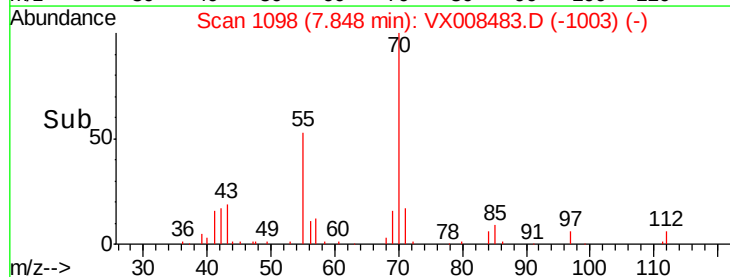
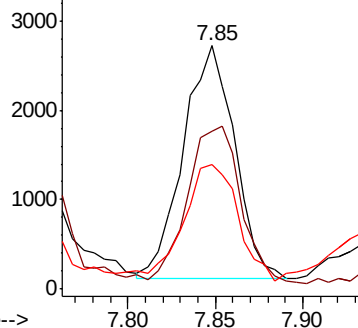
39 47.0 29.9 89.8

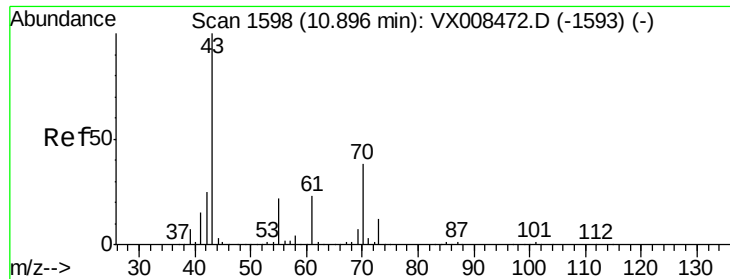


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 0.685 ug/l

RT: 10.94 min Scan# 1606

Delta R.T. 0.05 min

Lab File: VX008483.D

Acq: 27 Mar 2019 15:29

Instrument :

MSVOA_X

ClientSampleId :

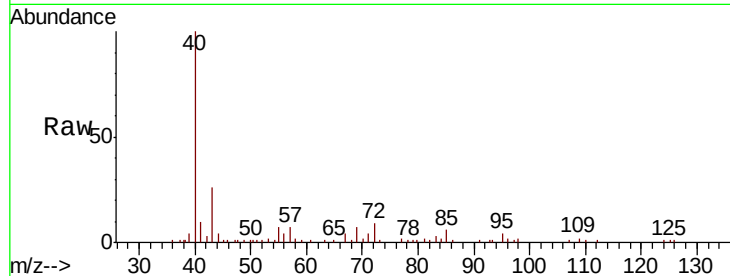
SHORE-RD-CLVRT-STLD-1H-B

Tot Ion: 43 Resp: 4658

Ion Ratio Lower Upper

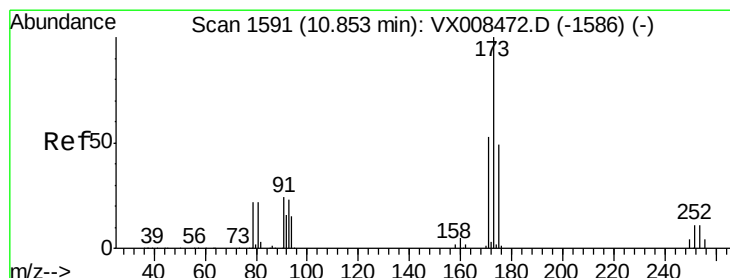
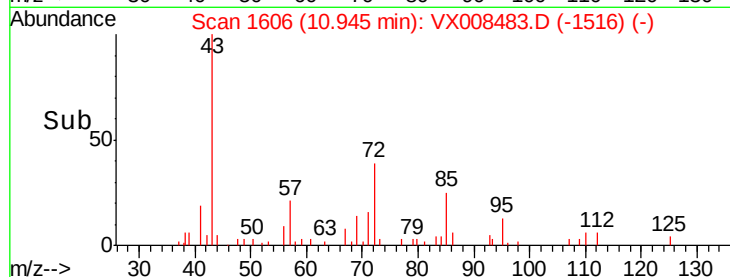
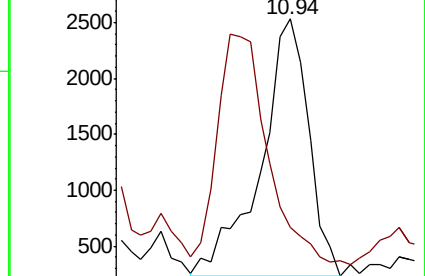
43 100

55 94.2 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#56

Bromoform

Concen: 0.434 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.28 min

Lab File: VX008483.D

Acq: 27 Mar 2019 15:29

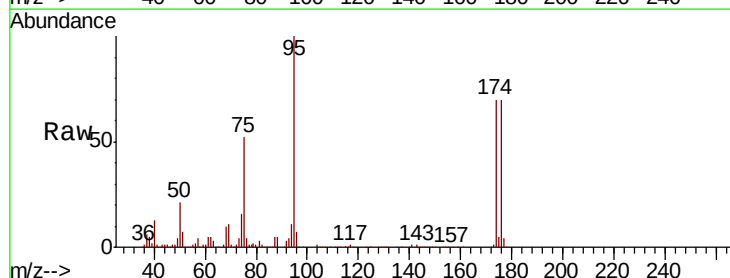
Tgt Ion: 173 Resp: 813

Ion Ratio Lower Upper

173 100

175 640.2 38.5 57.7#

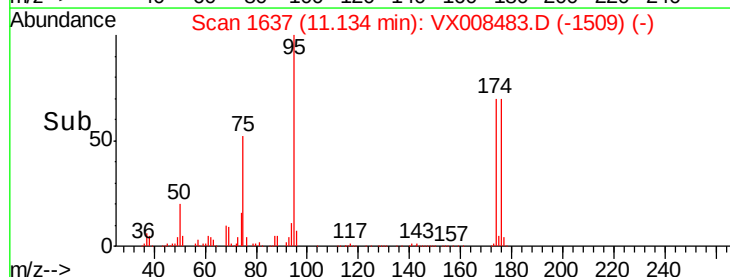
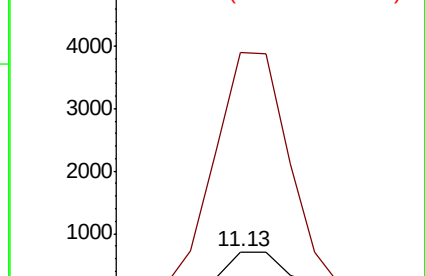
254 0.0 7.4 11.2#

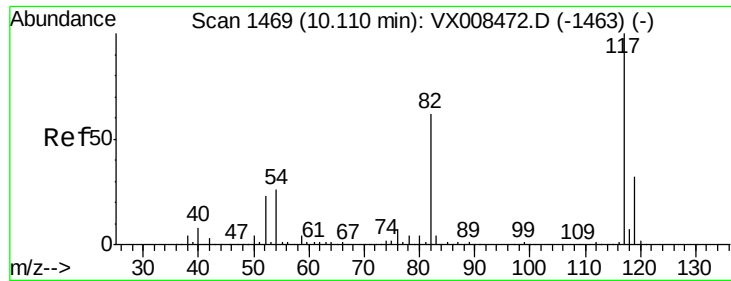


Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V

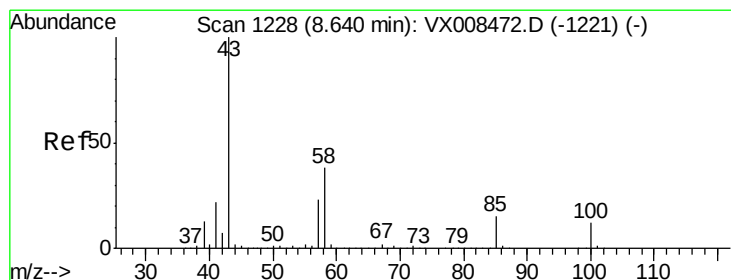
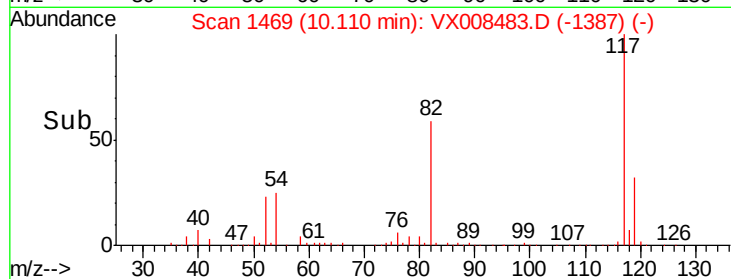
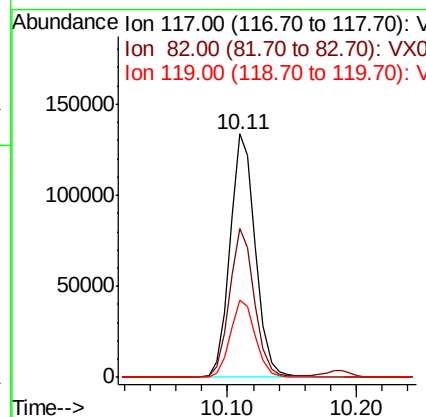
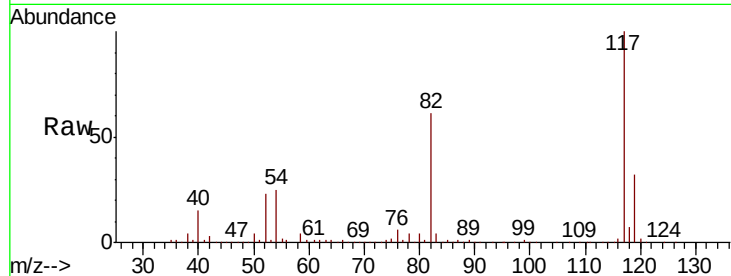




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008483.D
Acq: 27 Mar 2019 15:29

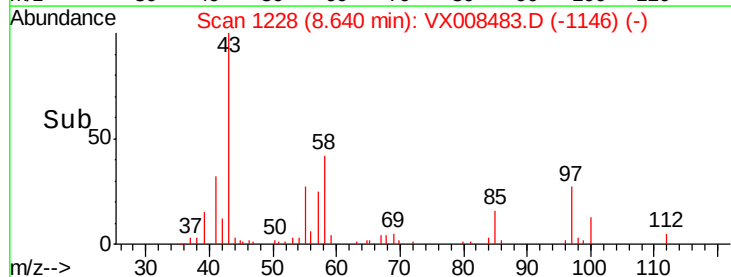
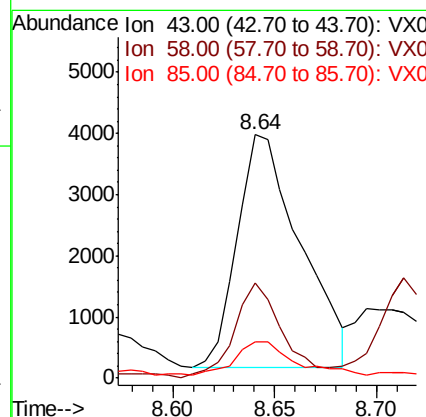
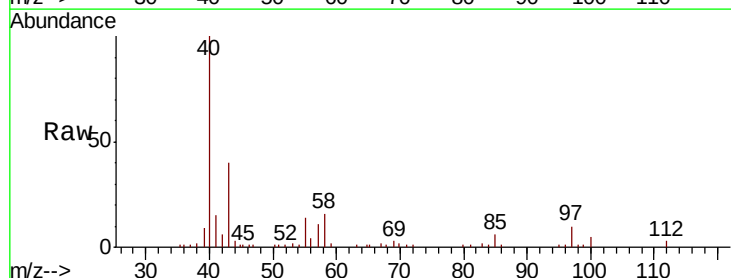
Instrument :
MSVOA_X
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-B

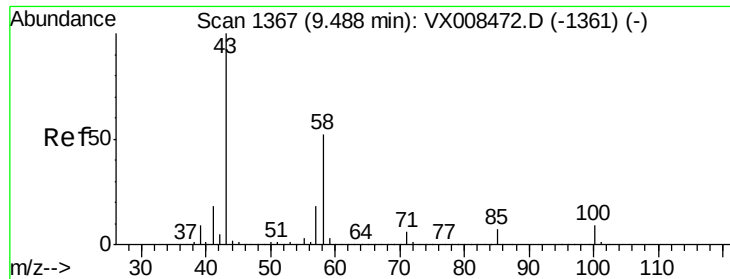
Tot Ion:117 Resp: 184970
Ion Ratio Lower Upper
117 100
82 60.0 40.4 60.6
119 31.4 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 1.688 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008483.D
Acq: 27 Mar 2019 15:29

Tgt Ion: 43 Resp: 8235
Ion Ratio Lower Upper
43 100
58 31.2 31.4 47.0#
85 14.7 15.0 22.6#

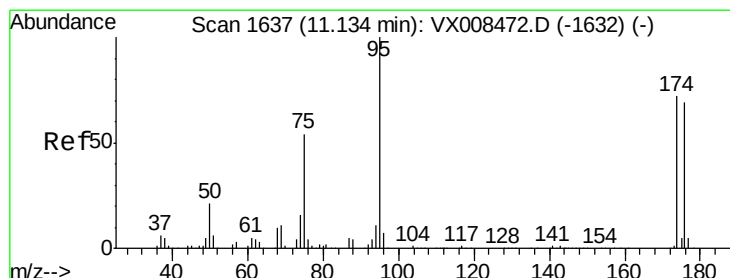
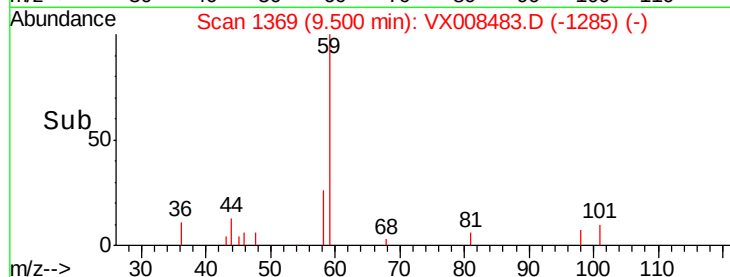
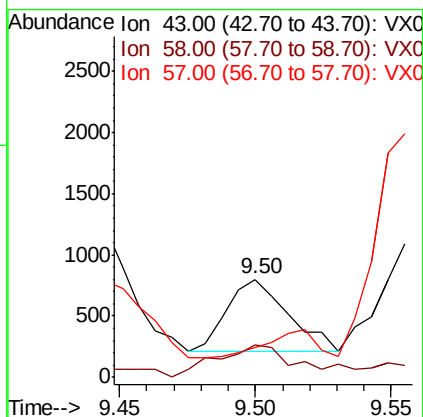
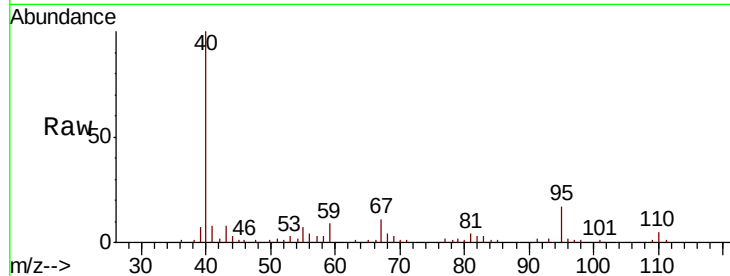




#59
2-Hexanone
Concen: 0.238 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VX008483.D
Acq: 27 Mar 2019 15:29

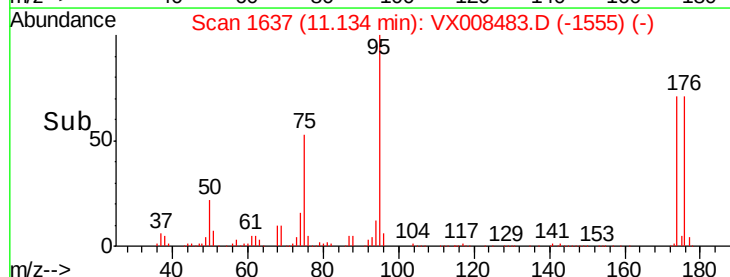
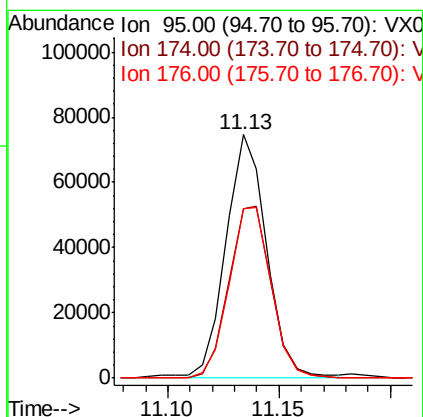
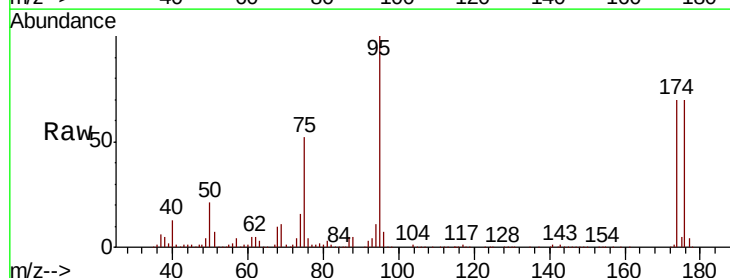
Instrument :
MSVOA_X
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-B

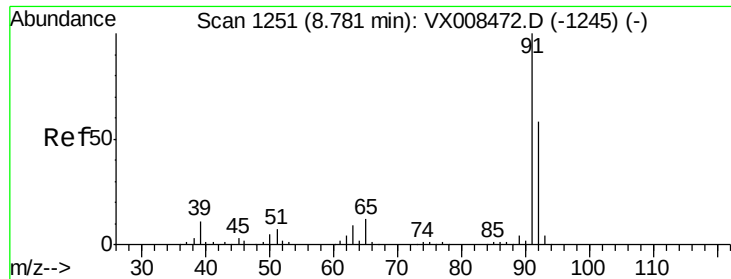
Tot Ion: 43 Resp: 918
Ion Ratio Lower Upper
43 100
58 62.2 43.9 65.9
57 30.1 14.9 22.3#



#60
4-Bromofluorobenzene
Concen: 29.261 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008483.D
Acq: 27 Mar 2019 15:29

Tgt Ion: 95 Resp: 94301
Ion Ratio Lower Upper
95 100
174 73.9 74.9 112.3#
176 72.9 70.7 106.1





#62

Toluene

Concen: 0.412 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX008483.D

Acq: 27 Mar 2019 15:29

Instrument :

MSVOA_X

ClientSampleId :

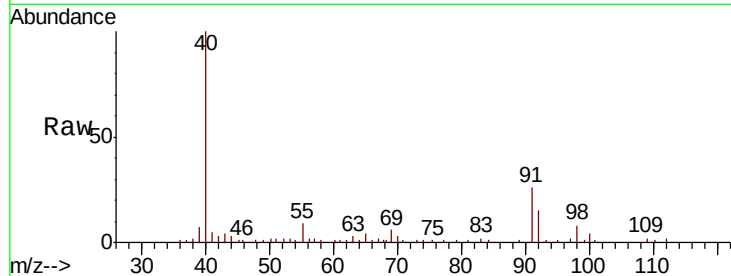
SHORE-RD-CLVRT-STLD-1H-B

Tot Ion: 91 Resp: 4617

Ion Ratio Lower Upper

91 100

92 53.0 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

8.79

3000

2500

2000

1500

1000

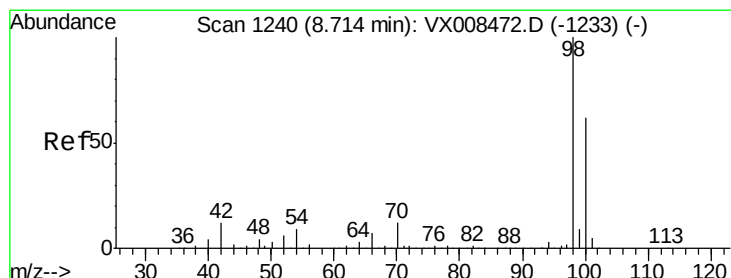
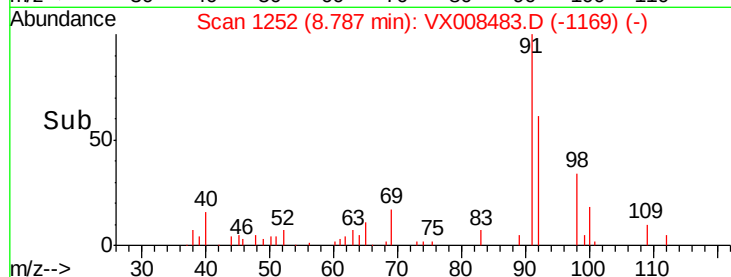
500

0

8.75

8.80

Time-->



#63

Toluene-d8

Concen: 30.621 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008483.D

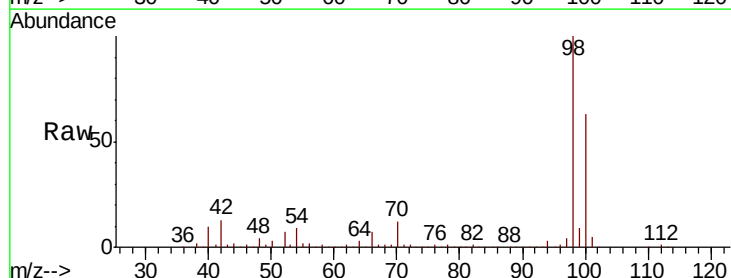
Acq: 27 Mar 2019 15:29

Tgt Ion: 98 Resp: 268853

Ion Ratio Lower Upper

98 100

100 63.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

200000

150000

100000

50000

0

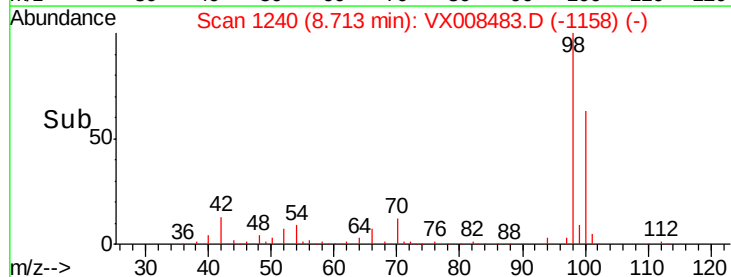
8.65

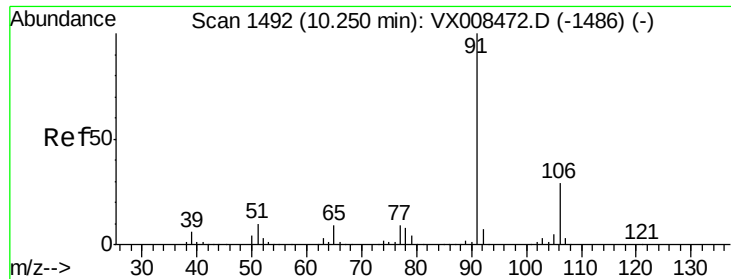
8.70

8.75

8.80

Time-->





#66

Ethyl Benzene

Concen: 0.875 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008483.D

Acq: 27 Mar 2019 15:29

Instrument :

MSVOA_X

ClientSampleId :

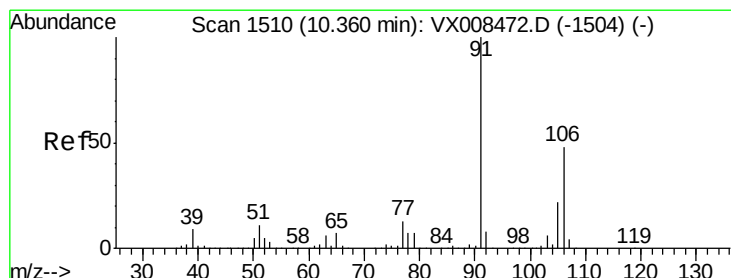
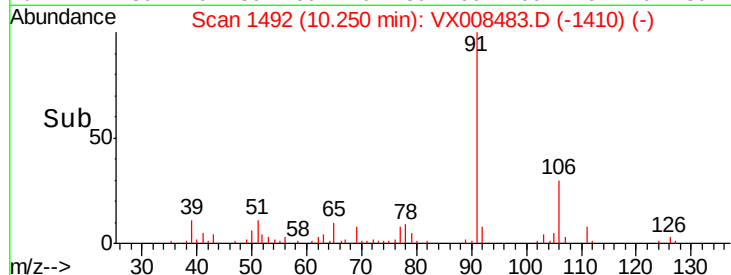
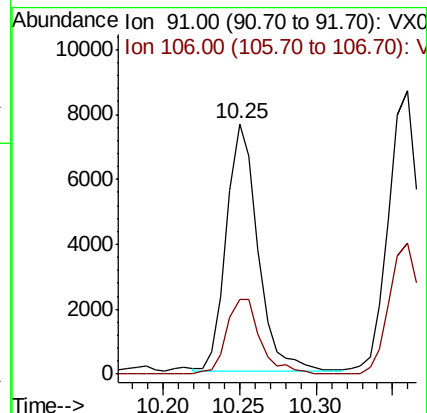
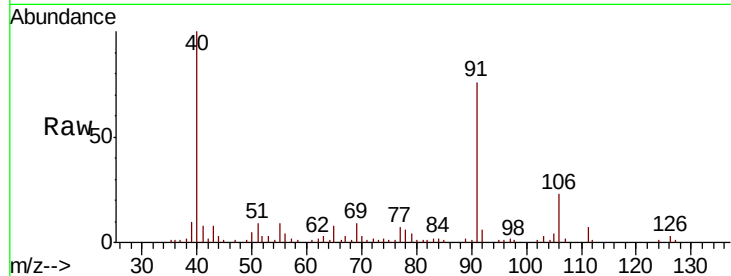
SHORE-RD-CLVRT-STLD-1H-B

Tot Ion: 91 Resp: 10874

Ion Ratio Lower Upper

91 100

106 30.6 26.0 39.0



#67

m/p-Xylenes

Concen: 1.268 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008483.D

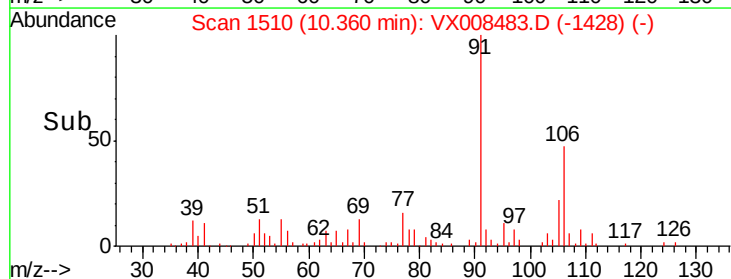
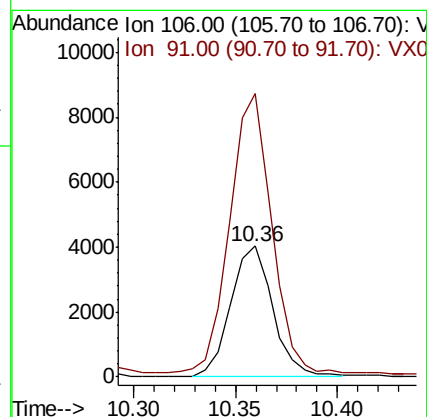
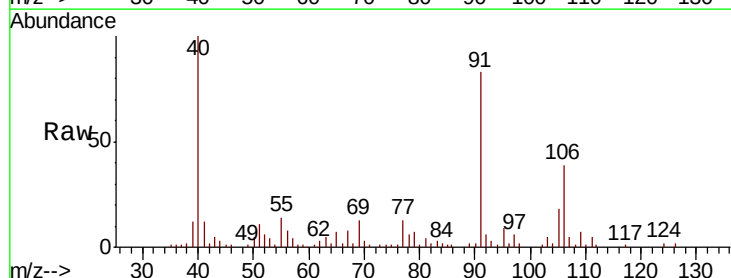
Acq: 27 Mar 2019 15:29

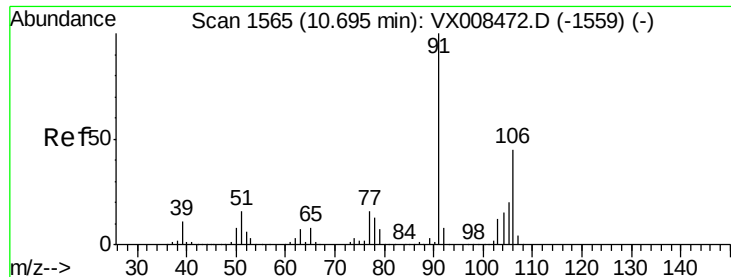
Tgt Ion: 106 Resp: 5749

Ion Ratio Lower Upper

106 100

91 213.2 157.0 235.4

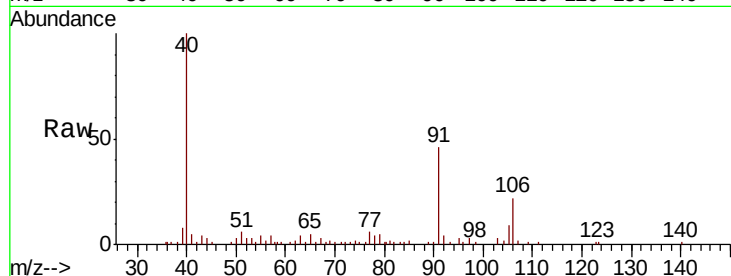




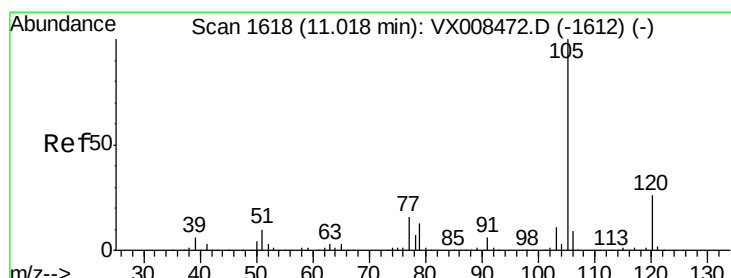
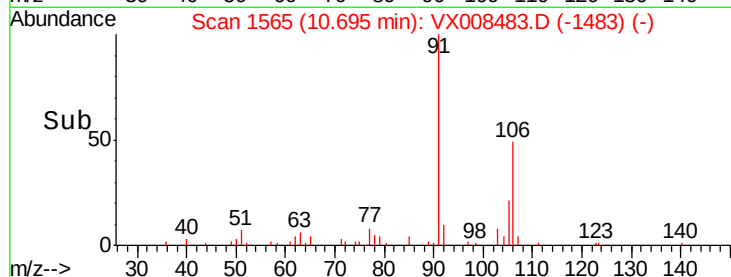
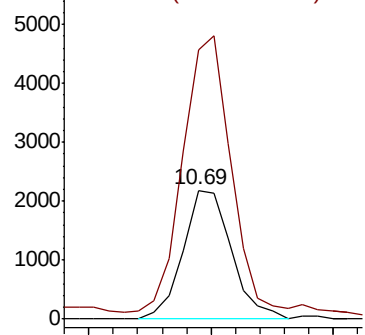
#68
o-Xylene
Concen: 0.677 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008483.D
Acq: 27 Mar 2019 15:29

Instrument :
MSVOA_X
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-B

Tot Ion:106 Resp: 3004
Ion Ratio Lower Upper
106 100
91 213.0 104.4 313.2

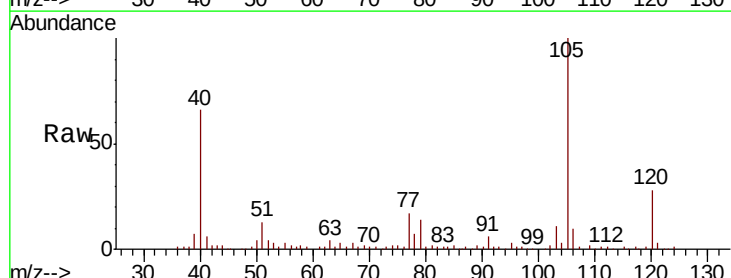


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

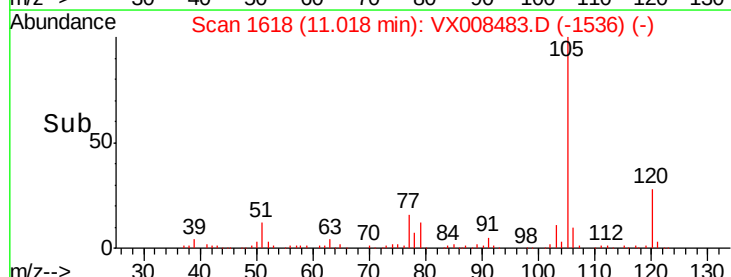
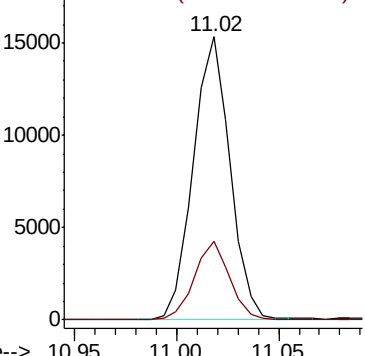


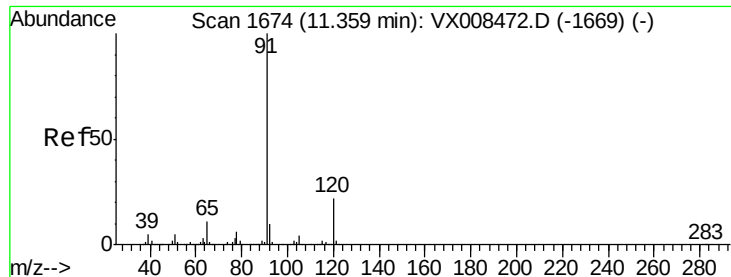
#70
Isopropylbenzene
Concen: 1.648 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008483.D
Acq: 27 Mar 2019 15:29

Tgt Ion:105 Resp: 19293
Ion Ratio Lower Upper
105 100
120 26.4 19.8 36.8



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





#74

n-propylbenzene

Concen: 5.779 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008483.D

Acq: 27 Mar 2019 15:29

Instrument :

MSVOA_X

ClientSampleId :

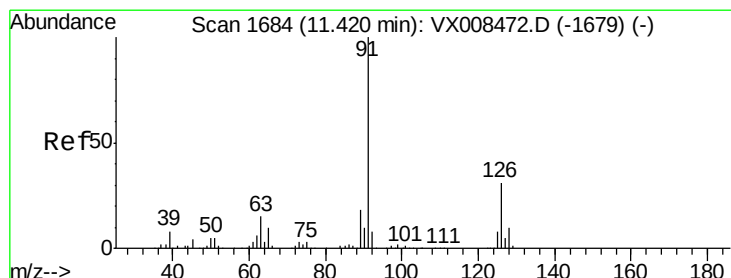
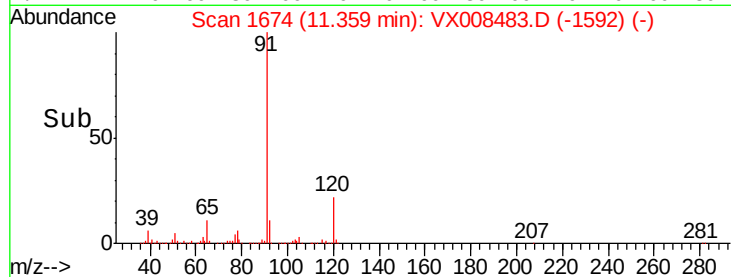
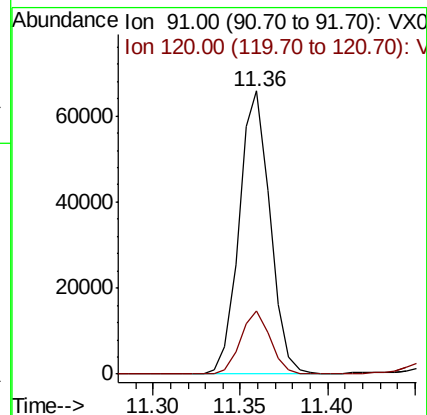
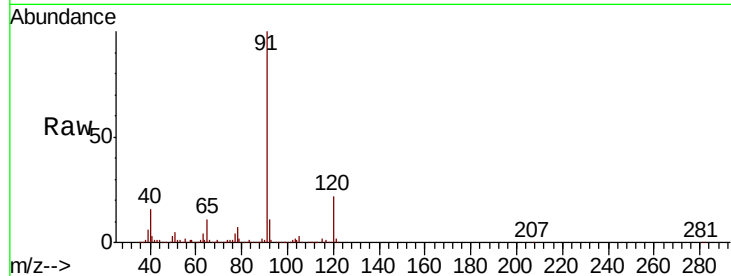
SHORE-RD-CLVRT-STLD-1H-B

Tot Ion: 91 Resp: 80573

Ion Ratio Lower Upper

91 100

120 21.6 0.0 48.6



#75

2-Chlorotoluene

Concen: 0.214 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. 0.03 min

Lab File: VX008483.D

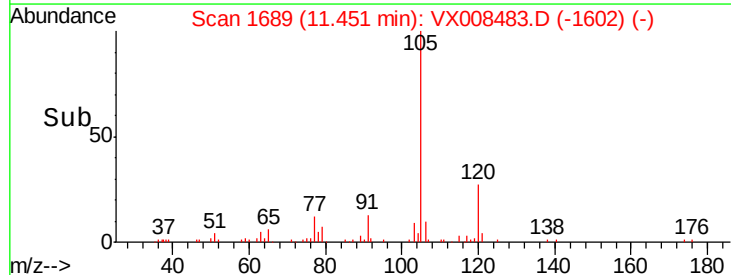
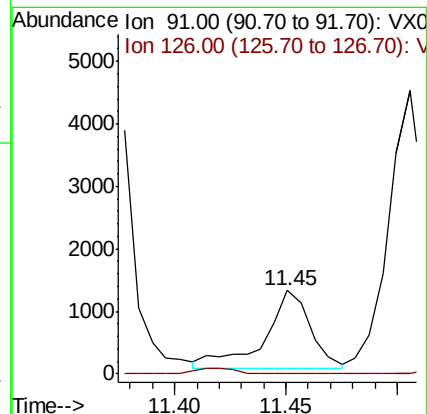
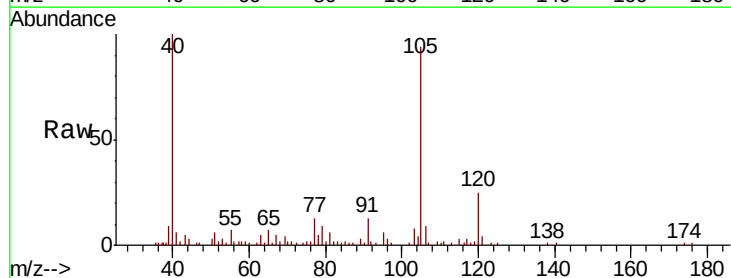
Acq: 27 Mar 2019 15:29

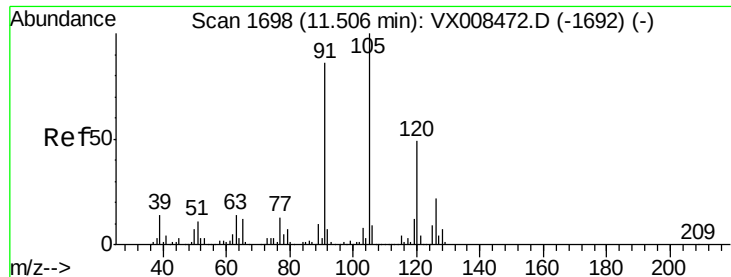
Tgt Ion: 91 Resp: 1777

Ion Ratio Lower Upper

91 100

126 6.1 0.0 75.2





#76

1,3,5-Trimethylbenzene

Concen: 4.647 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008483.D

Acq: 27 Mar 2019 15:29

Instrument :

MSVOA_X

ClientSampleId :

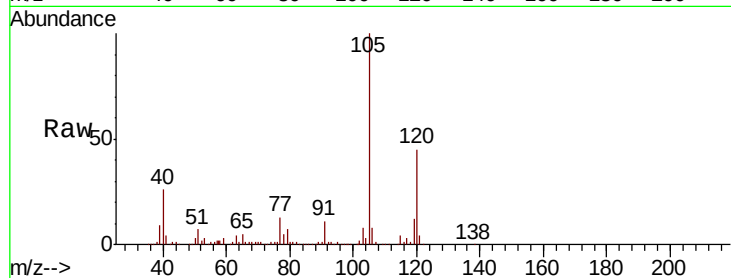
SHORE-RD-CLVRT-STLD-1H-B

Tot Ion:105 Resp: 46497

Ion Ratio Lower Upper

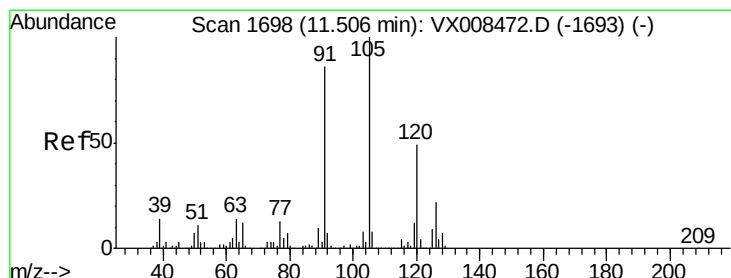
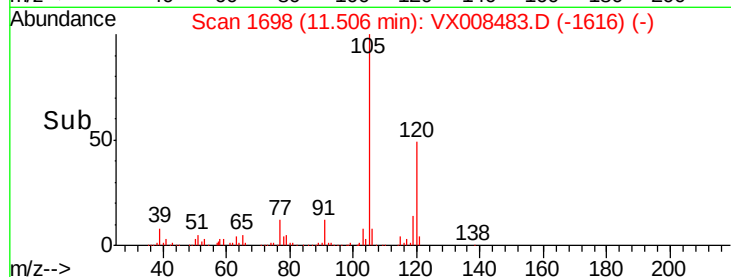
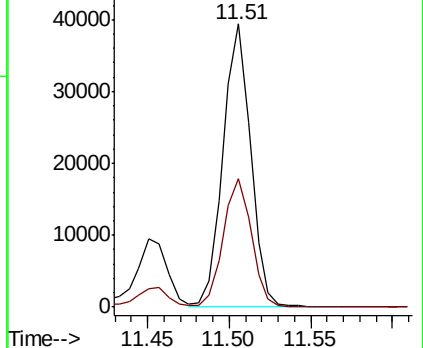
105 100

120 46.2 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

4-Chlorotoluene

Concen: 0.564 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008483.D

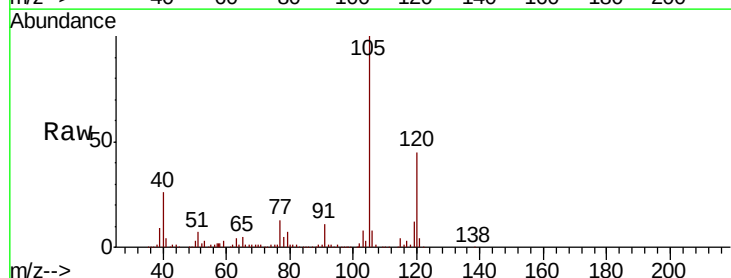
Acq: 27 Mar 2019 15:29

Tgt Ion: 91 Resp: 5384

Ion Ratio Lower Upper

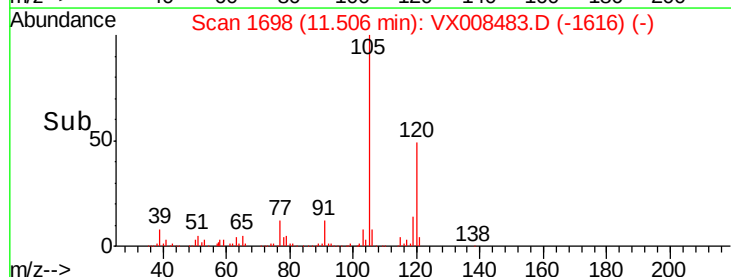
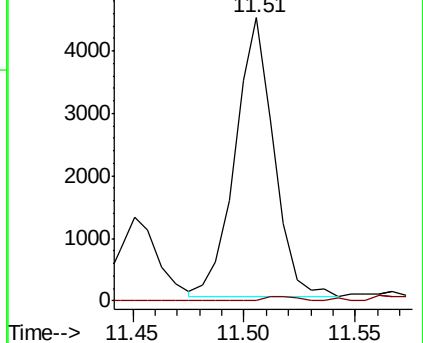
91 100

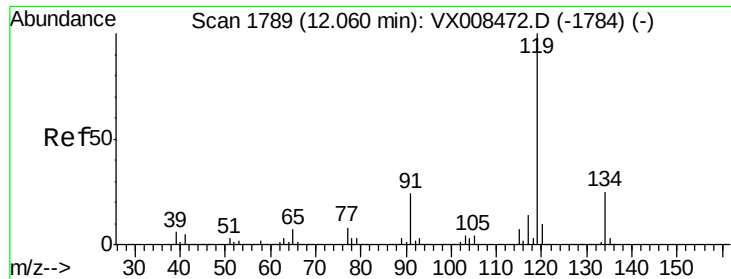
126 1.4 0.0 66.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

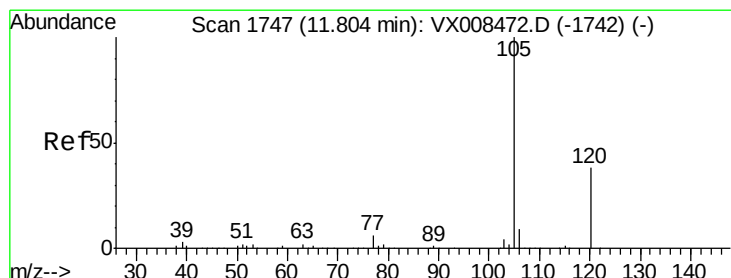
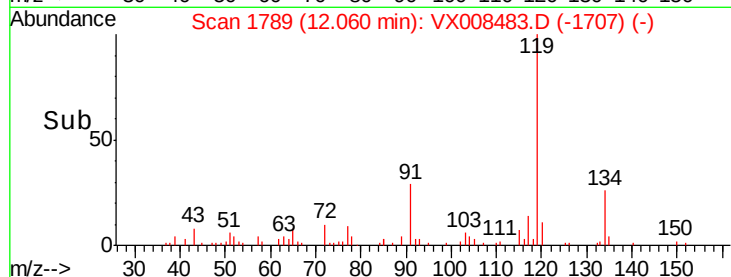
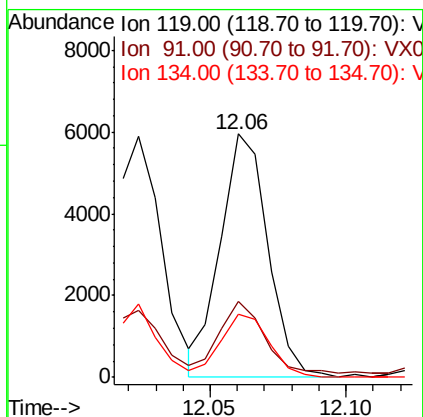
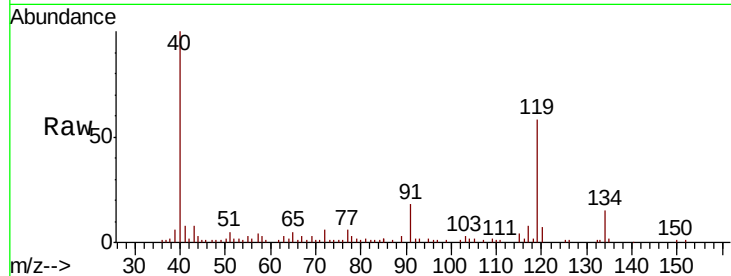




#79
tert-butylbenzene
Concen: 0.707 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008483.D
Acq: 27 Mar 2019 15:29

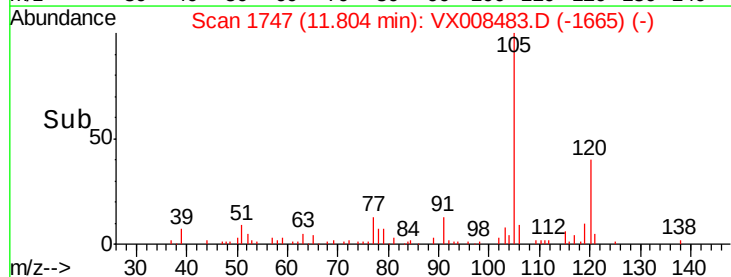
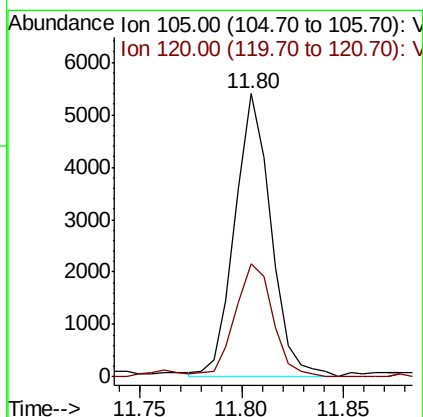
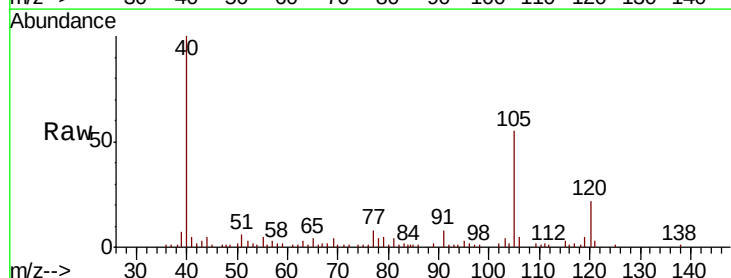
Instrument :
MSVOA_X
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-B

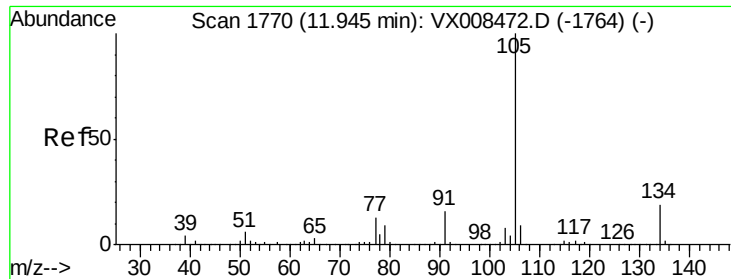
Tot Ion:119 Resp: 7231
Ion Ratio Lower Upper
119 100
91 27.3 0.0 45.0
134 26.7 0.0 55.4



#80
1,2,4-Trimethylbenzene
Concen: 0.667 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008483.D
Acq: 27 Mar 2019 15:29

Tgt Ion:105 Resp: 6654
Ion Ratio Lower Upper
105 100
120 41.2 0.0 94.0





#81

sec-Butylbenzene

Concen: 1.337 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008483.D

Acq: 27 Mar 2019 15:29

Instrument :

MSVOA_X

ClientSampleId :

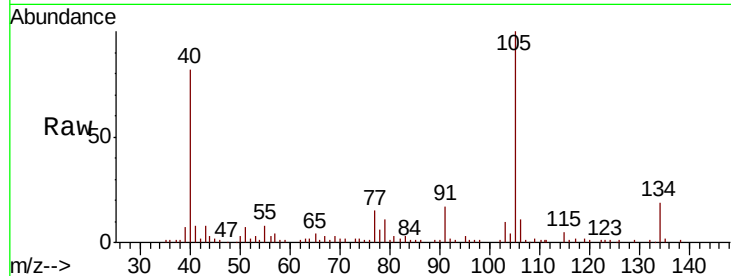
SHORE-RD-CLVRT-STLD-1H-B

Tot Ion:105 Resp: 15289

Ion Ratio Lower Upper

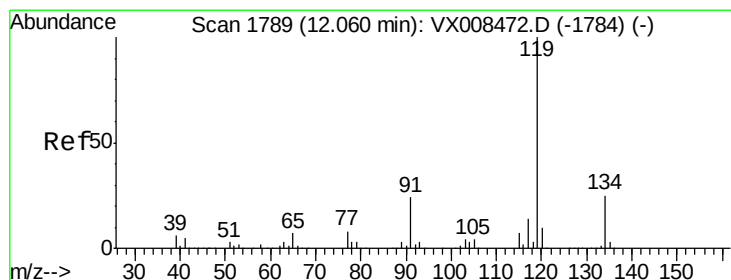
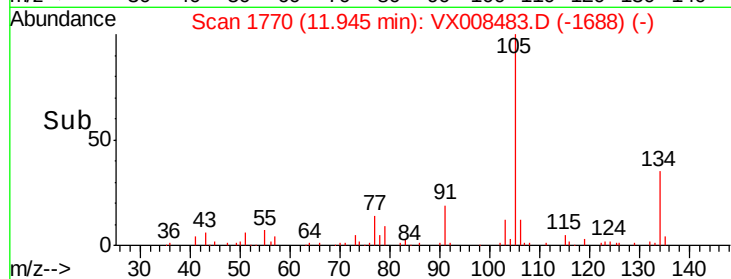
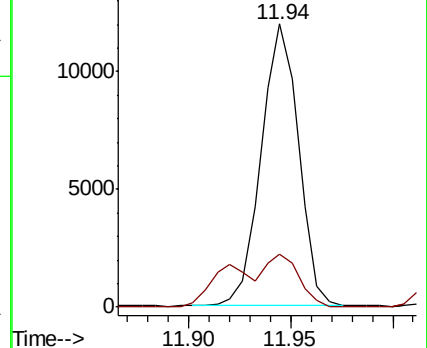
105 100

134 16.9 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 0.707 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008483.D

Acq: 27 Mar 2019 15:29

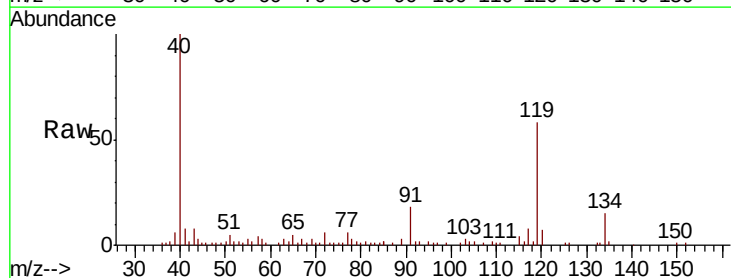
Tgt Ion:119 Resp: 7231

Ion Ratio Lower Upper

119 100

134 26.7 0.0 55.4

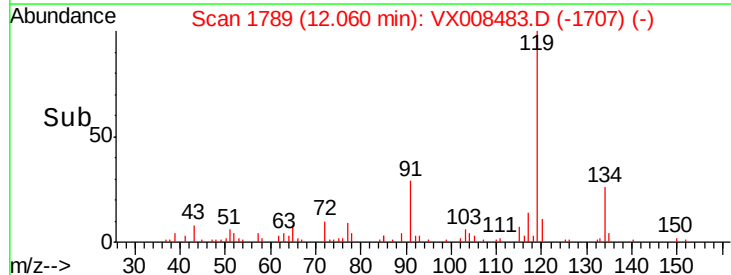
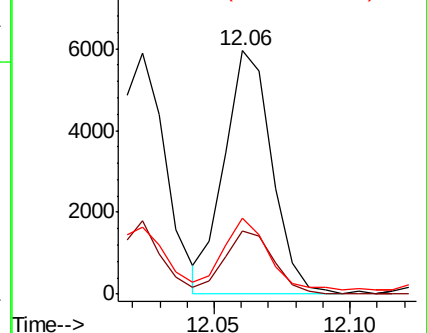
91 27.3 0.0 45.0

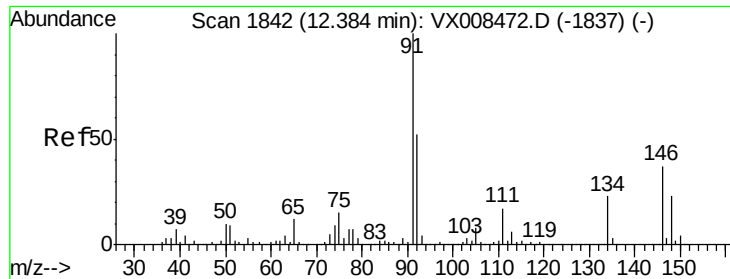


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

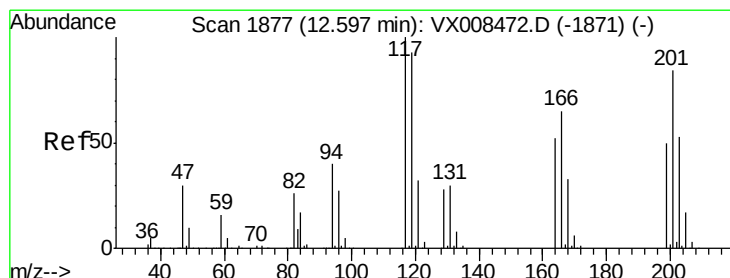
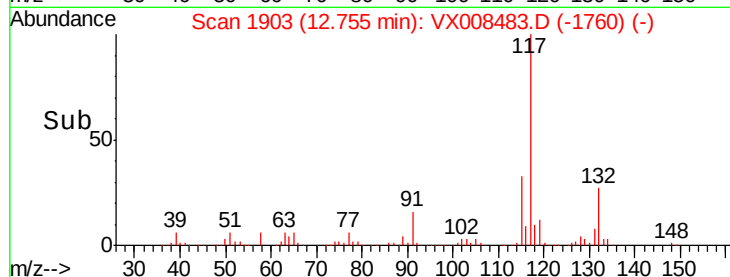
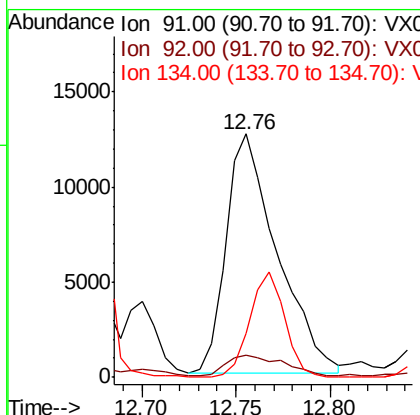
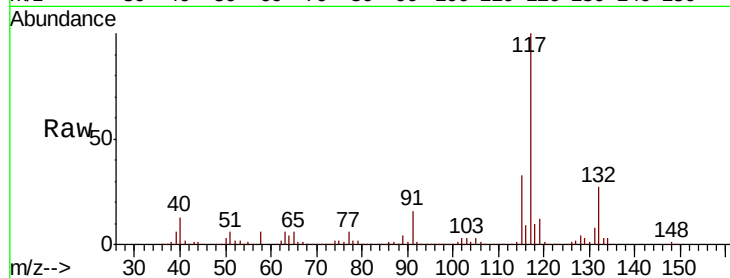




#85
n-Butylbenzene
Concen: 2.433 ug/l
RT: 12.76 min Scan# 1903
Delta R.T. 0.37 min
Lab File: VX008483.D
Acq: 27 Mar 2019 15:29

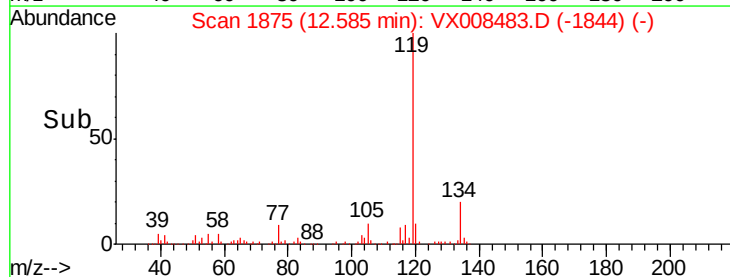
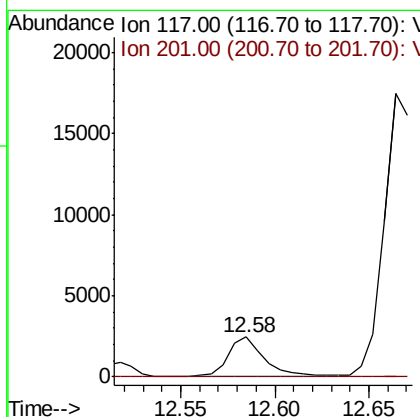
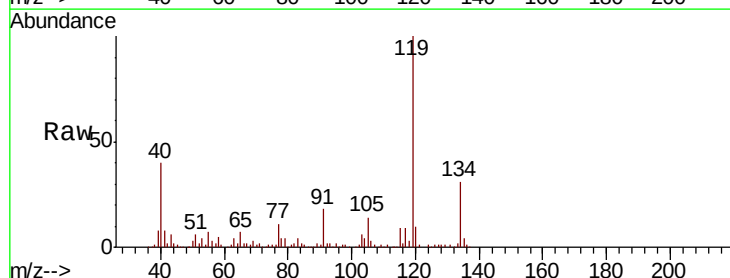
Instrument :
MSVOA_X
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-B

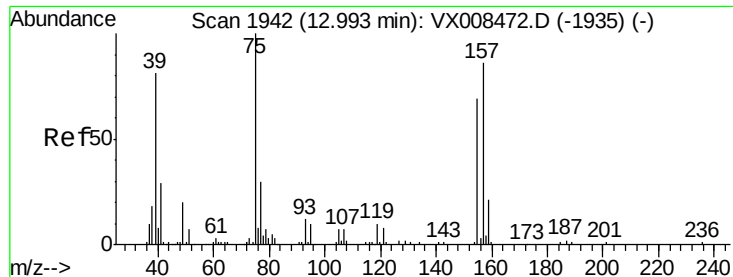
Tot Ion: 91 Resp: 23637
Ion Ratio Lower Upper
91 100
92 9.5 0.0 105.2
134 30.3 0.0 56.4



#86
Hexachloroethane
Concen: 1.976 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX008483.D
Acq: 27 Mar 2019 15:29

Tgt Ion: 117 Resp: 3376
Ion Ratio Lower Upper
117 100
201 0.0 41.1 123.3#





#88

1,2-Dibromo-3-Chloropropane

Concen: 1.165 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX008483.D

Acq: 27 Mar 2019 15:29

Instrument :

MSVOA_X

ClientSampleId :

SHORE-RD-CLVRT-STLD-1H-B

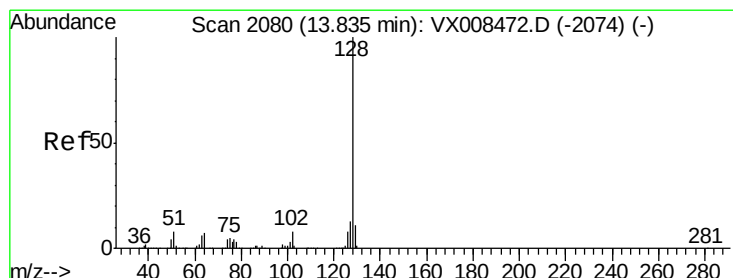
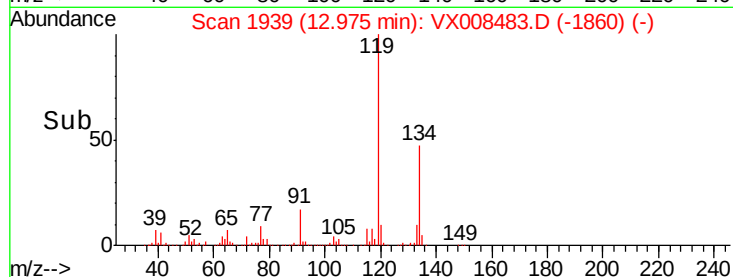
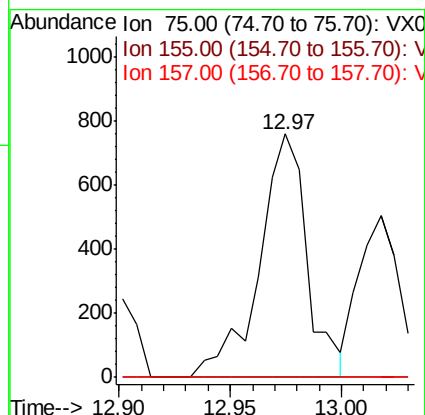
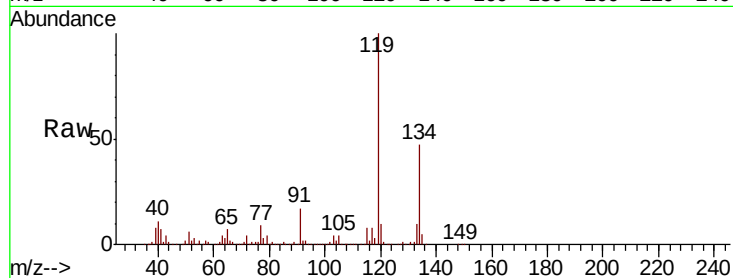
Tot Ion: 75 Resp: 1129

Ion Ratio Lower Upper

75 100

155 0.0 81.0 121.6#

157 0.0 103.2 154.8#



#91

Naphthalene

Concen: 3.353 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008483.D

Acq: 27 Mar 2019 15:29

Tgt Ion: 128 Resp: 39466

Ion Ratio Lower Upper

128 100

127 14.3 10.5 15.7

129 12.5 8.9 13.3

