

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032719\
 Data File : VX008488.D
 Acq On : 27 Mar 2019 17:25
 Operator : JC/SP
 Sample : K2099-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SHORE-RD-CLVRT-STLD-2H-A

Quant Time: Mar 28 02:08:36 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	5.01	128	35873	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	210926	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	183630	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	90614	30.20	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.67%
60) 4-Bromofluorobenzene	11.13	95	92710	28.98	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.60%
63) Toluene-d8	8.71	98	267486	30.69	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.30%

Target Compounds

					Ovalue
6) Chloroethane	1.63	64	1922	0.906 ug/l	89
12) Methyl Acetate	3.17	43	50187	27.258 ug/l #	51
13) Acrolein	2.16	56	113	0.214 ug/l	90
15) Acetone	2.45	58	2453	4.673 ug/l	80
18) Methylene Chloride	2.86	84	1407	0.518 ug/l #	26
23) tert-Butyl Alcohol	3.04	59	882	1.283 ug/l #	98
25) Chloroform	5.27	83	4990	1.104 ug/l #	56
26) Cyclohexane	5.59	56	133697	27.590 ug/l #	70
30) 2-Butanone	4.68	43	3066	1.175 ug/l #	88
34) Benzene	6.14	78	11207	1.033 ug/l #	95
38) Methylcyclohexane	7.46	83	144170	32.242 ug/l	77
39) 1,2-Dichloropropane	7.46	63	1816	0.590 ug/l #	1
41) Bromodichloromethane	7.85	83	1707	0.487 ug/l #	64
46) Methyl methacrylate	7.85	41	5556	1.441 ug/l	88
51) Ethyl methacrylate	8.80	69	2187	0.444 ug/l	84
56) Bromoform	11.14	173	650	0.342 ug/l #	1
58) 4-Methyl-2-Pentanone	8.64	43	8966	1.851 ug/l #	87
59) 2-Hexanone	9.50	43	1124	0.294 ug/l #	90
62) Toluene	8.79	91	5658	0.509 ug/l	97
66) Ethyl Benzene	10.25	91	18905	1.532 ug/l	95
67) m/p-Xylenes	10.36	106	8108	1.801 ug/l	87
68) o-Xylene	10.69	106	3816	0.866 ug/l	89
70) Isopropylbenzene	11.02	105	33307	2.867 ug/l	94
74) n-propylbenzene	11.36	91	129833	9.380 ug/l	94
75) 2-Chlorotoluene	11.45	91	2618	0.318 ug/l	45
76) 1,3,5-Trimethylbenzene	11.51	105	75432	7.594 ug/l	95
77) t-1,4-Dichloro-2-butene	11.02	75	554	0.394 ug/l #	54
78) 4-Chlorotoluene	11.51	91	7982	0.842 ug/l	42
79) tert-butylbenzene	12.06	119	10015	0.987 ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	9251	0.934 ug/l	97
81) sec-Butylbenzene	11.94	105	20256	1.785 ug/l	93
82) p-Isopropyltoluene	12.06	119	10015	0.987 ug/l	96
85) n-Butylbenzene	12.76	91	24173	2.506 ug/l	59
86) Hexachloroethane	12.58	117	4208	2.481 ug/l #	8
88) 1,2-Dibromo-3-Chloropropan	12.97	75	1116	1.160 ug/l #	1
91) Naphthalene	13.83	128	64830	5.548 ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032719\
Data File : VX008488.D
Acq On : 27 Mar 2019 17:25
Operator : JC/SP
Sample : K2099-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SHORE-RD-CLVRT-STLD-2H-A

Quant Time: Mar 28 02:08:36 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

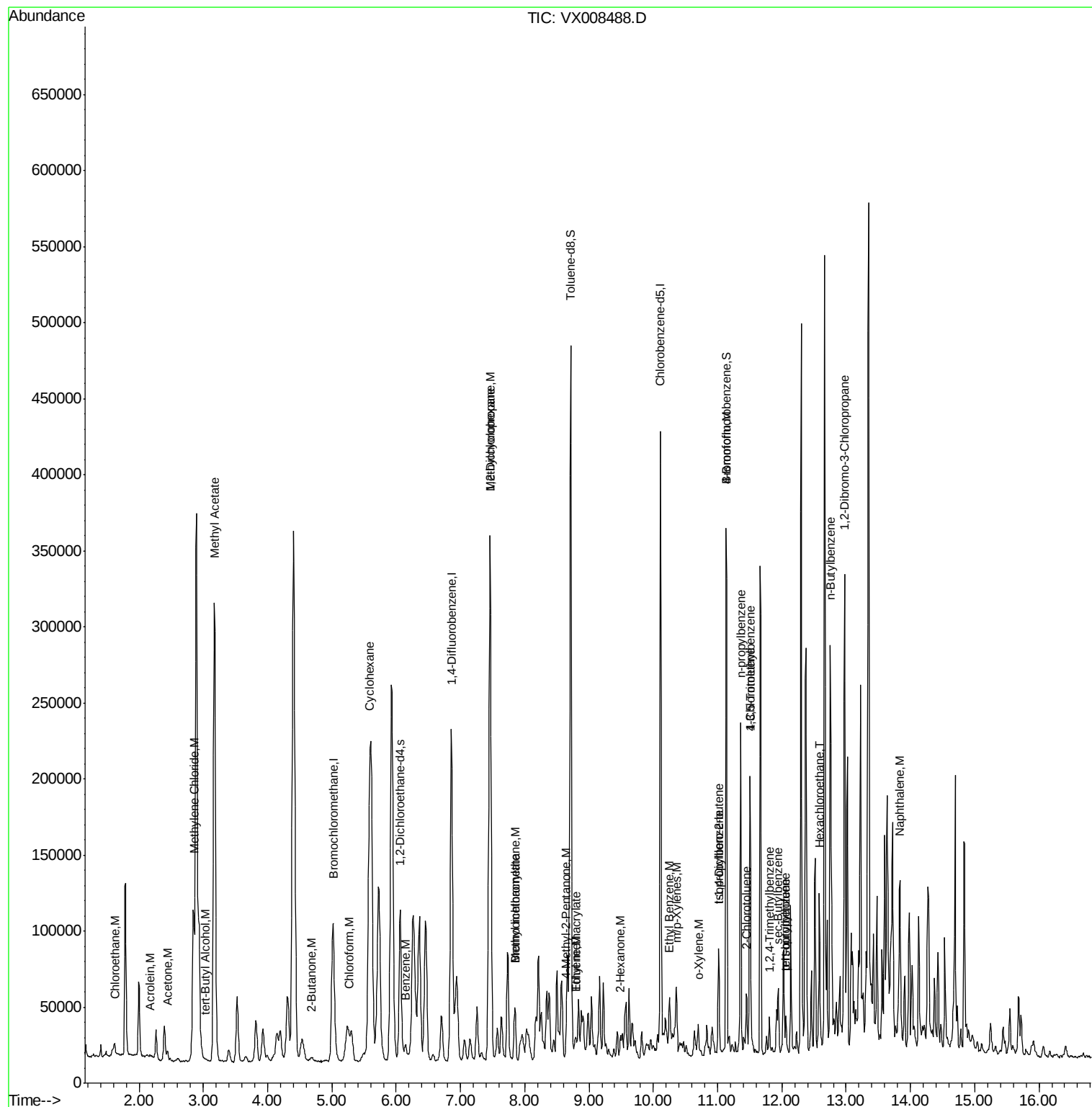
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

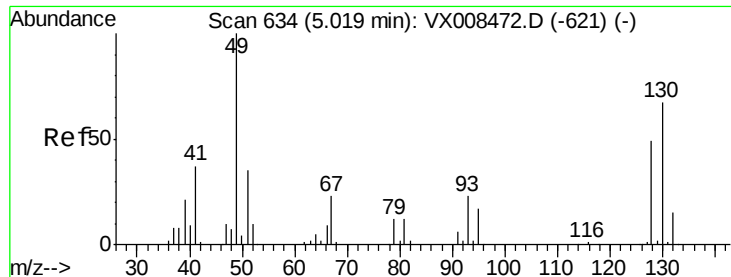
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX032719\
Data File : VX008488.D
Acq On : 27 Mar 2019 17:25
Operator : JC/SP
Sample : K2099-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SHORE-RD-CLVRT-STLD-2H-A

Quant Time: Mar 28 02:08:36 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: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX008488.D

Acq: 27 Mar 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

SHORE-RD-CLVRT-STLD-2H-A

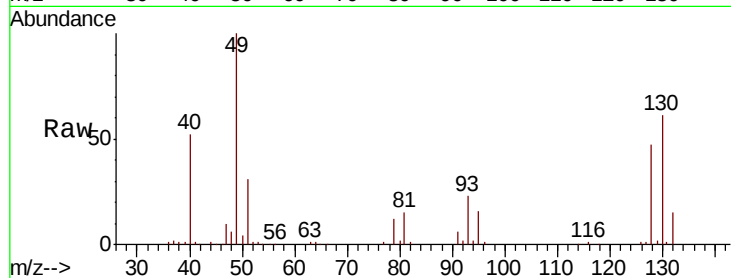
Tot Ion:128 Resp: 35873

Ion Ratio Lower Upper

128 100

49 205.1 0.0 350.8

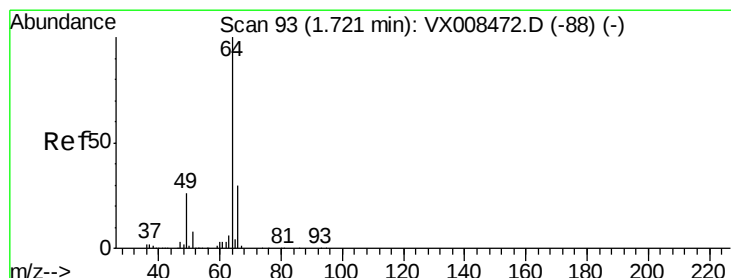
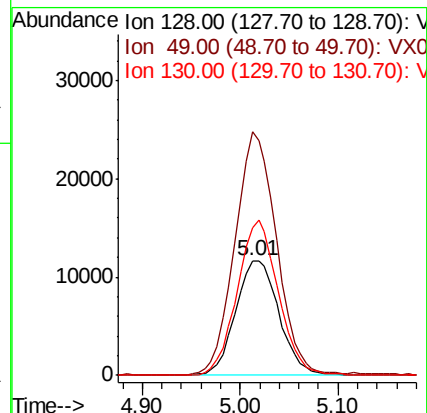
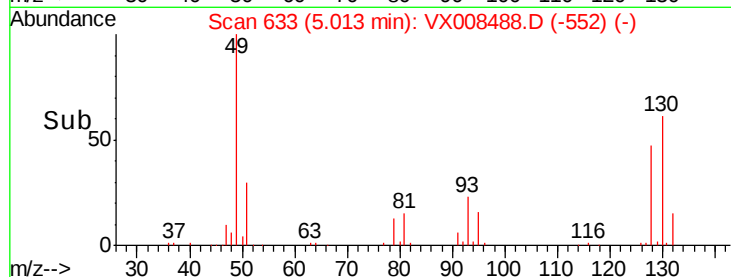
130 127.9 0.0 325.8



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: 0.906 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.09 min

Lab File: VX008488.D

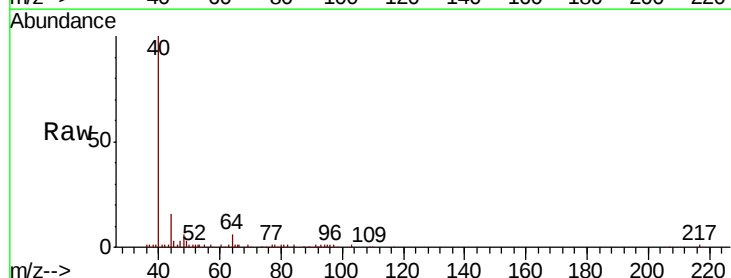
Acq: 27 Mar 2019 17:25

Tgt Ion: 64 Resp: 1922

Ion Ratio Lower Upper

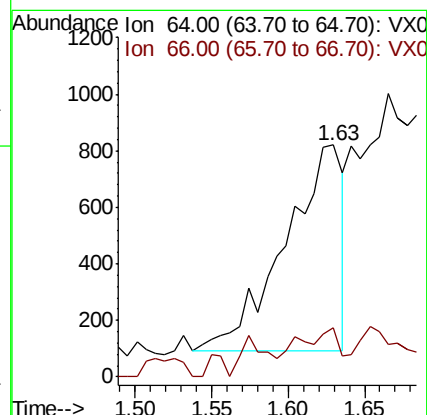
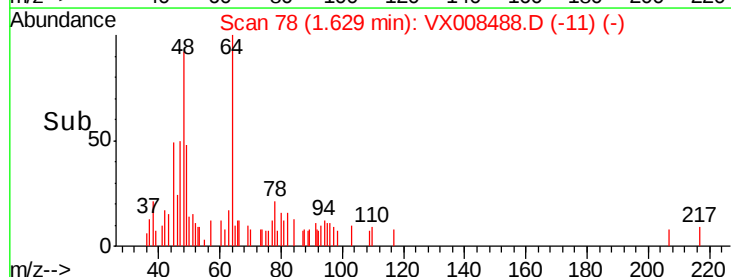
64 100

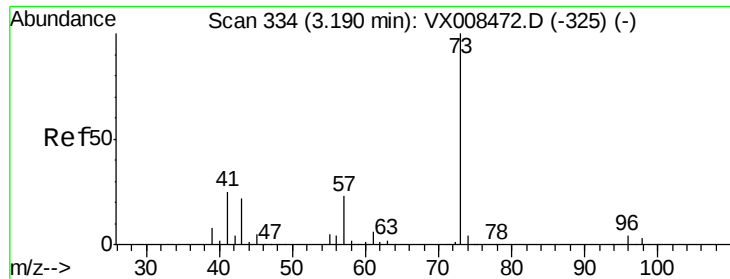
66 24.0 23.9 35.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

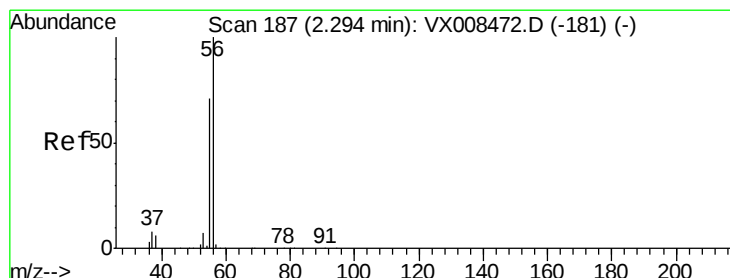
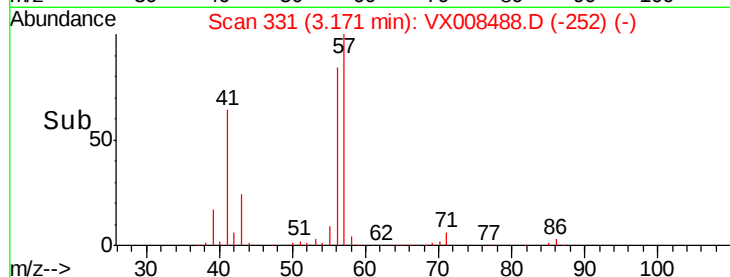
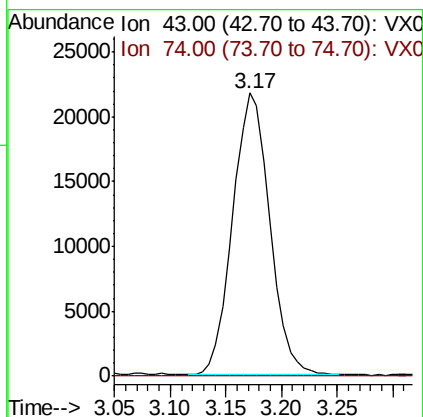
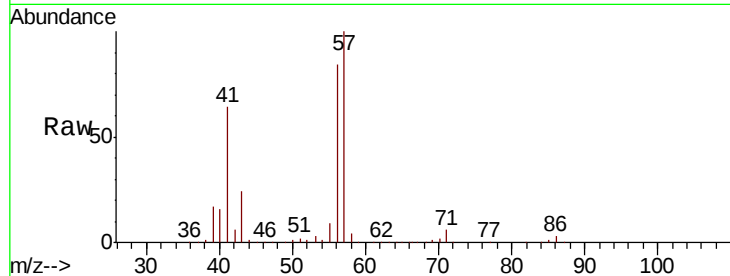




#12
Methvl Acetate
Concen: 27.258 ug/l
RT: 3.17 min Scan# 331
Delta R.T. -0.02 min
Lab File: VX008488.D
Acq: 27 Mar 2019 17:25

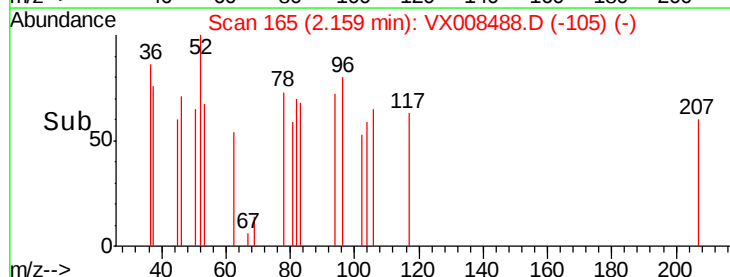
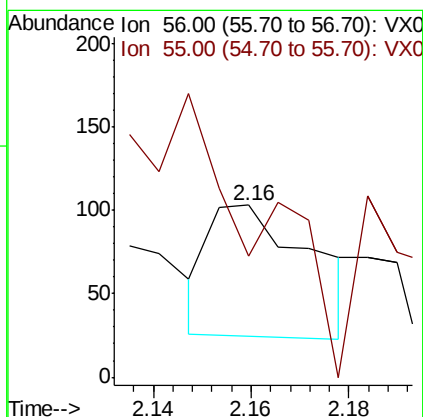
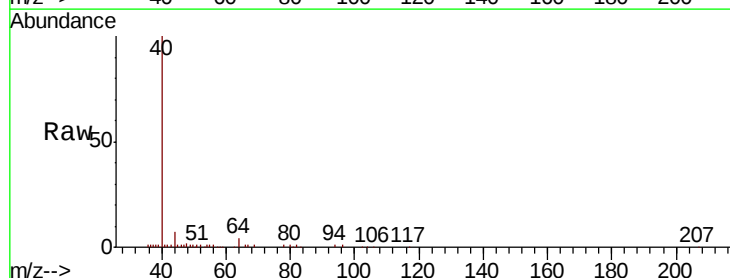
Instrument :
MSVOA_X
ClientSampleId :
SHORE-RD-CLVRT-STLD-2H-A

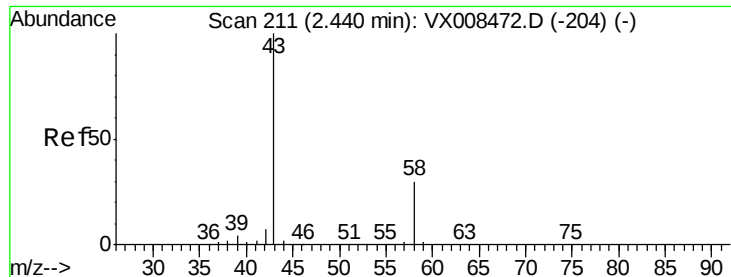
Tot Ion: 43 Resp: 50187
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#



#13
Acrolein
Concen: 0.214 ug/l
RT: 2.16 min Scan# 165
Delta R.T. -0.13 min
Lab File: VX008488.D
Acq: 27 Mar 2019 17:25

Tgt Ion: 56 Resp: 113
Ion Ratio Lower Upper
56 100
55 64.6 58.6 87.8





#15

Acetone

Concen: 4.673 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX008488.D

Acq: 27 Mar 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

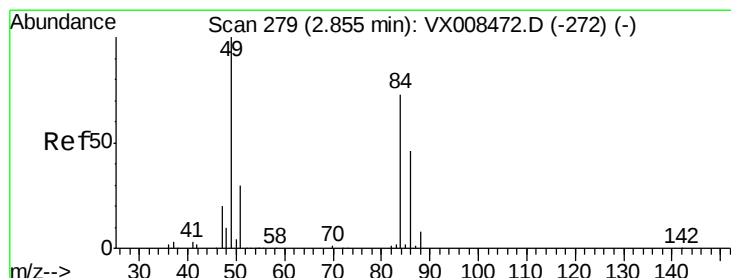
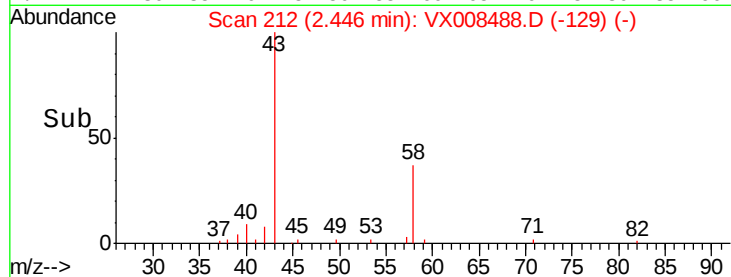
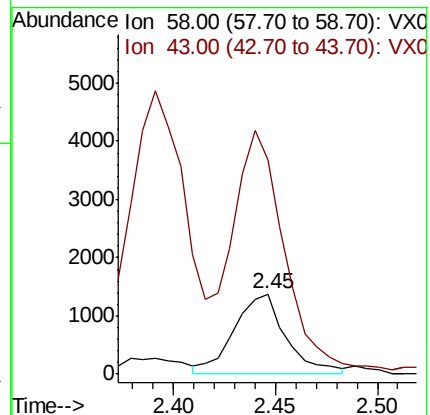
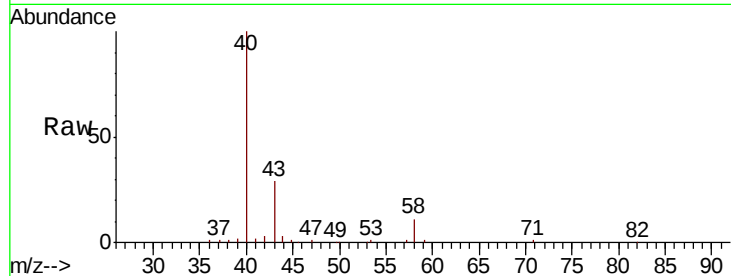
SHORE-RD-CLVRT-STLD-2H-A

Tot Ion: 58 Resp: 2453

Ion Ratio Lower Upper

58 100

43 272.3 249.8 374.6



#18

Methylene Chloride

Concen: 0.518 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX008488.D

Acq: 27 Mar 2019 17:25

Tgt Ion: 84 Resp: 1407

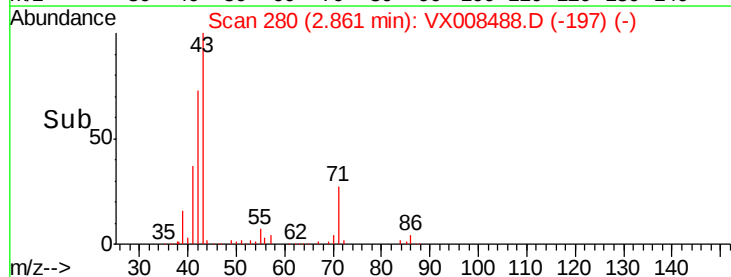
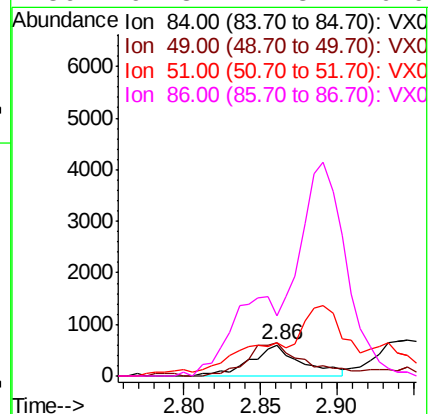
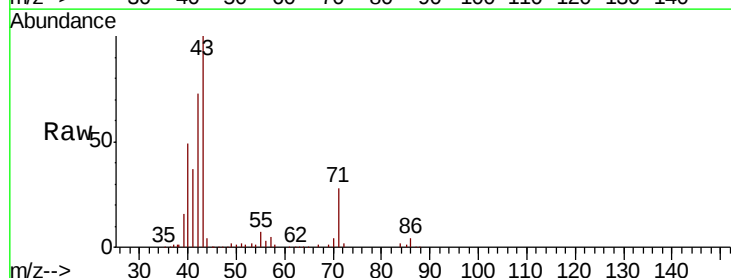
Ion Ratio Lower Upper

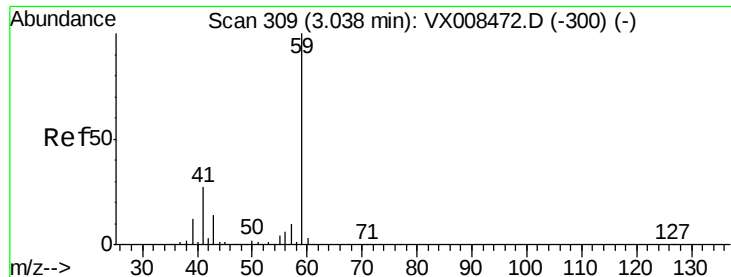
84 100

49 107.2 96.1 144.1

51 95.0 29.1 43.7#

86 197.3 47.3 70.9#



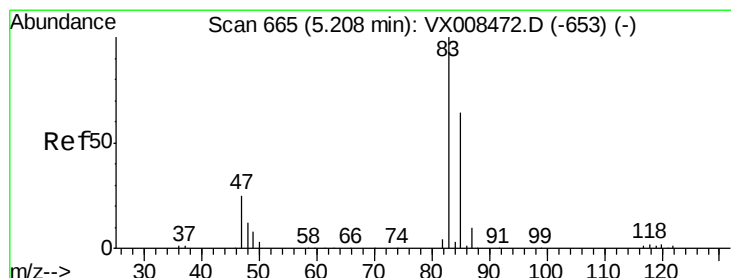
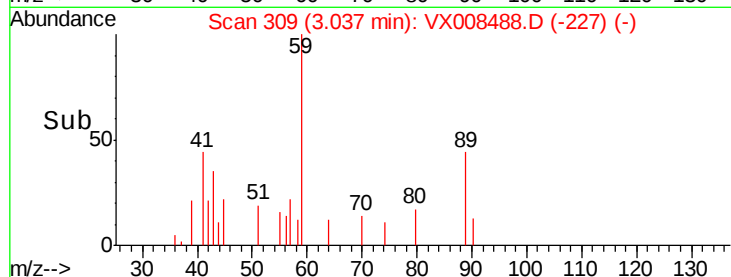
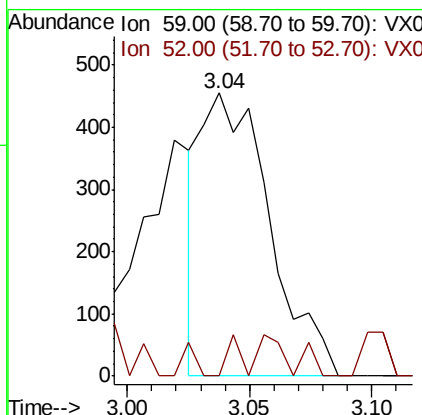
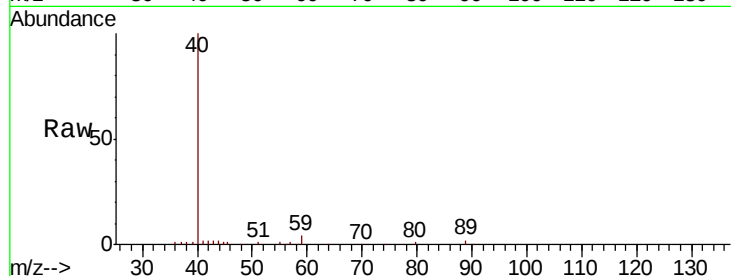


#23

tert-Butyl Alcohol
 Concen: 1.283 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. -0.00 min
 Lab File: VX008488.D
 Acq: 27 Mar 2019 17:25

Instrument :
 MSVOA_X
 ClientSampleId :
 SHORE-RD-CLVRT-STLD-2H-A

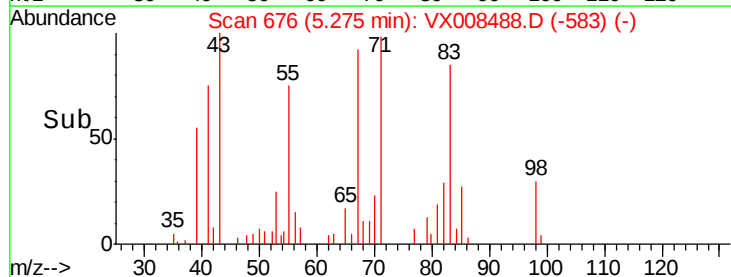
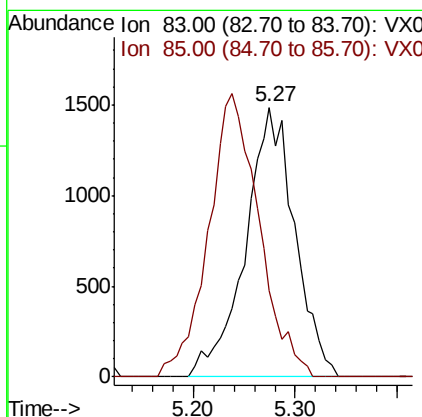
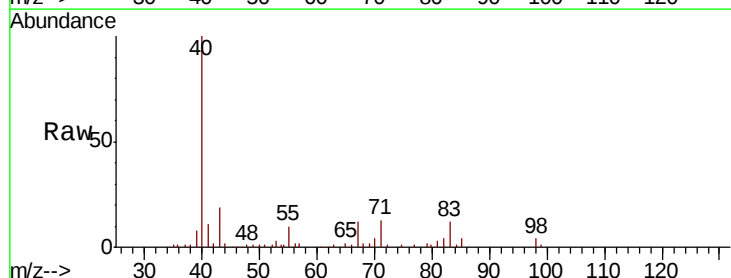
Tot Ion: 59 Resp: 882
 Ion Ratio Lower Upper
 59 100
 52 2.7 0.2 0.2#

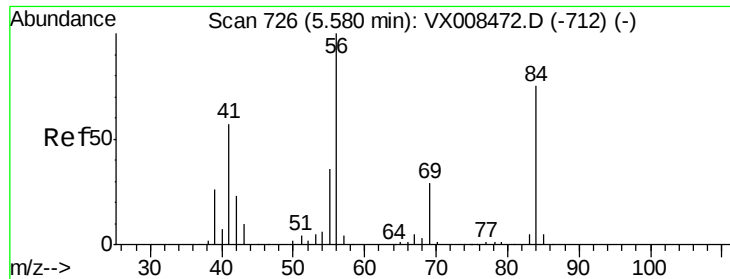


#25

Chloroform
 Concen: 1.104 ug/l
 RT: 5.27 min Scan# 676
 Delta R.T. 0.07 min
 Lab File: VX008488.D
 Acq: 27 Mar 2019 17:25

Tgt Ion: 83 Resp: 4990
 Ion Ratio Lower Upper
 83 100
 85 32.0 53.8 80.6#

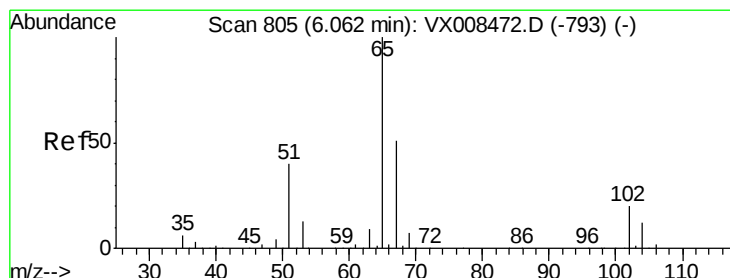
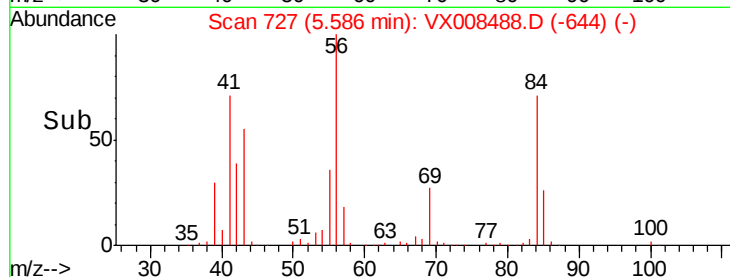
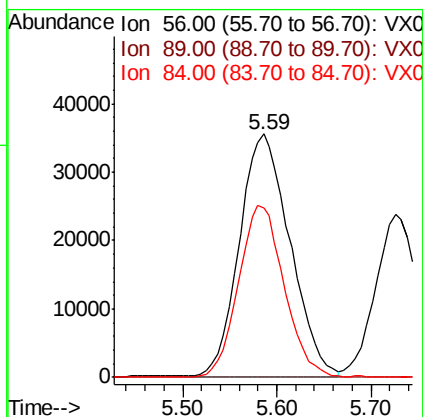
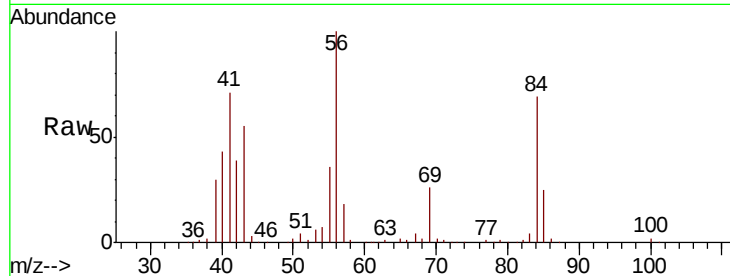




#26
Cyclohexane
Concen: 27.590 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX008488.D
Acq: 27 Mar 2019 17:25

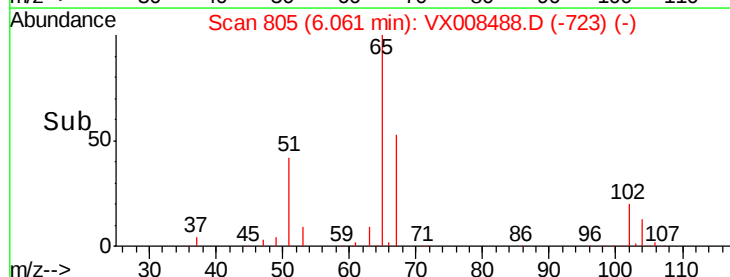
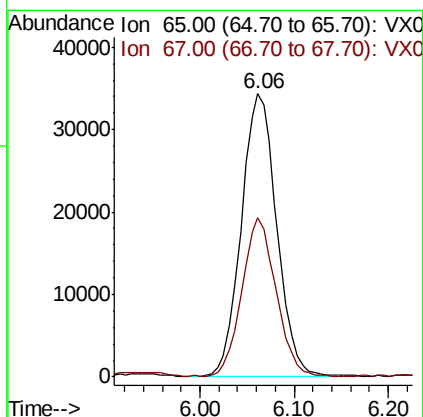
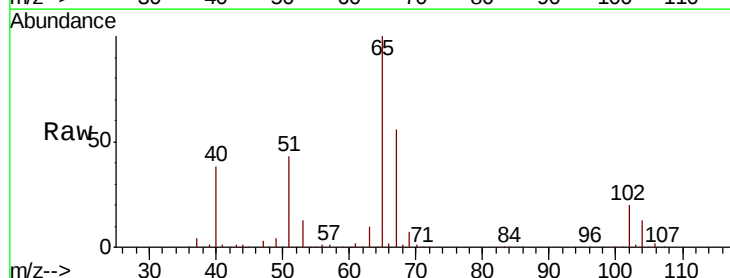
Instrument :
MSVOA_X
ClientSampleId :
SHORE-RD-CLVRT-STLD-2H-A

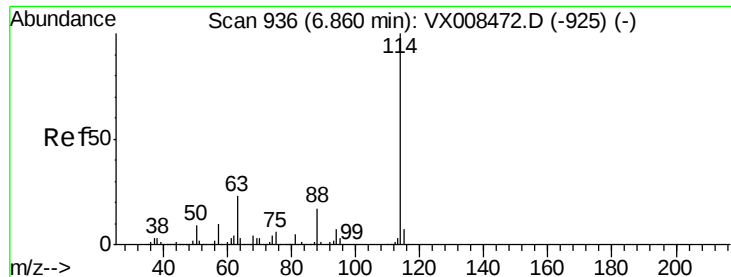
Tot Ion: 56 Resp: 133697
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 63.6 73.9 110.9#



#27
1,2-Dichloroethane-d4
Concen: 30.195 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008488.D
Acq: 27 Mar 2019 17:25

Tgt Ion: 65 Resp: 90614
Ion Ratio Lower Upper
65 100
67 53.7 42.9 64.3

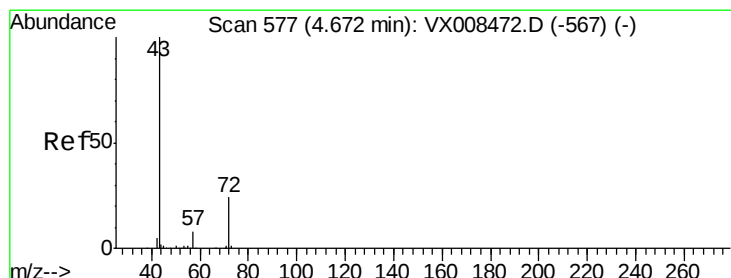
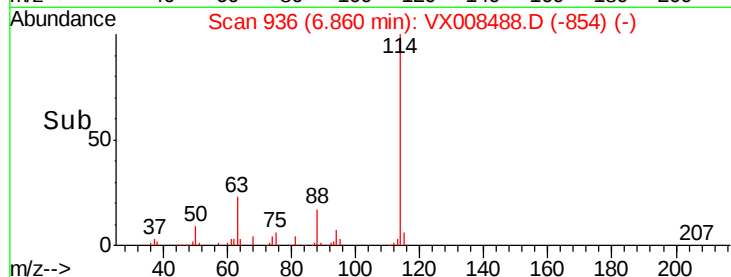
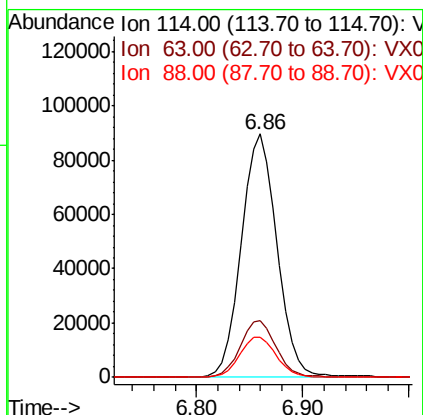
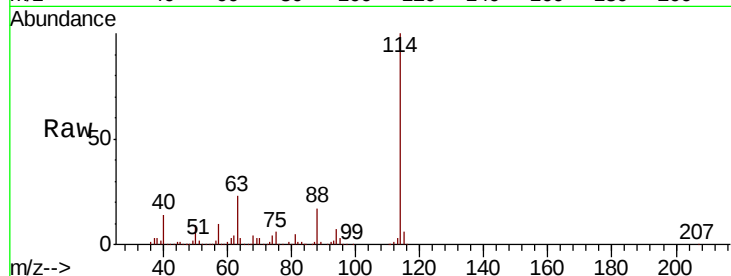




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008488.D
 Acq: 27 Mar 2019 17:25

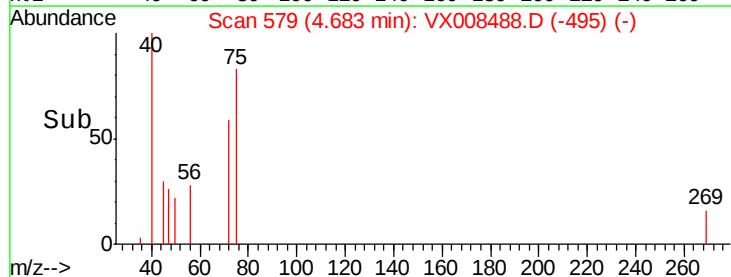
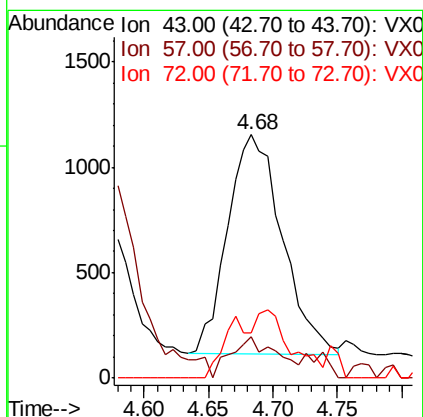
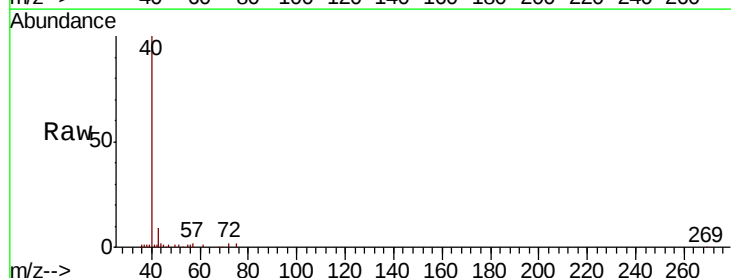
Instrument :
 MSVOA_X
 ClientSampleId :
 SHORE-RD-CLVRT-STLD-2H-A

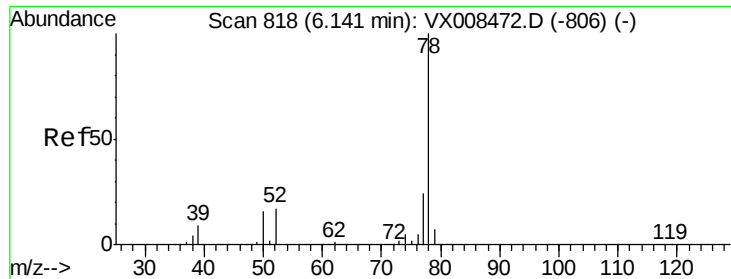
Tot Ion:114 Resp: 210926
 Ion Ratio Lower Upper
 114 100
 63 23.7 14.2 21.4#
 88 17.0 11.9 17.9



#30
 2-Butanone
 Concen: 1.175 ug/l
 RT: 4.68 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: VX008488.D
 Acq: 27 Mar 2019 17:25

Tgt Ion: 43 Resp: 3066
 Ion Ratio Lower Upper
 43 100
 57 9.7 7.0 10.6
 72 19.0 21.5 32.3#





#34

Benzene

Concen: 1.033 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX008488.D

Acq: 27 Mar 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

SHORE-RD-CLVRT-STLD-2H-A

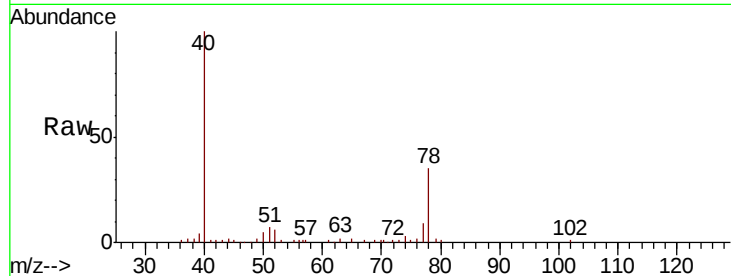
Tot Ion: 78 Resp: 11207

Ion Ratio Lower Upper

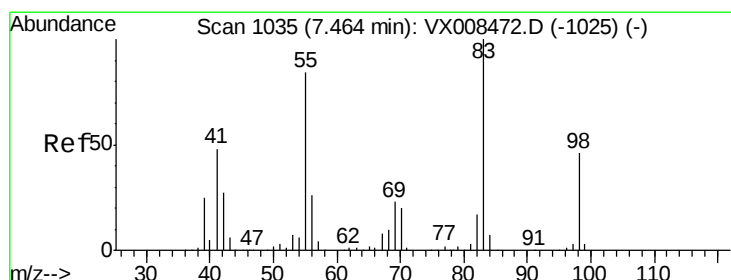
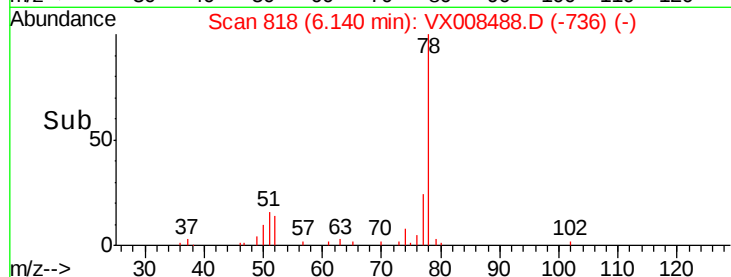
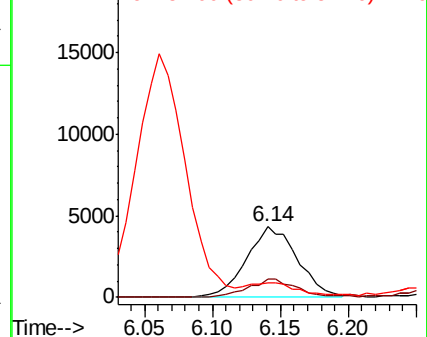
78 100

77 25.4 19.1 28.7

51 17.1 10.8 16.2#



Abundance Ion 78.10 (77.80 to 78.80): VX0
Ion 77.00 (76.70 to 77.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#38

Methylcyclohexane

Concen: 32.242 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX008488.D

Acq: 27 Mar 2019 17:25

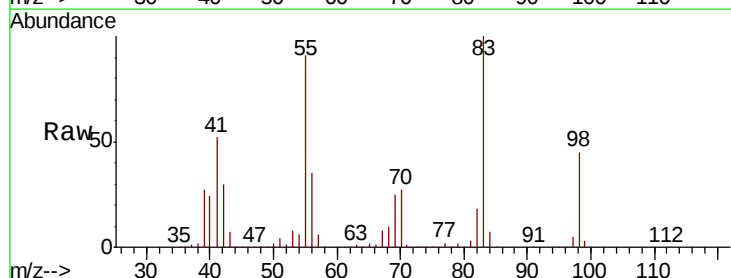
Tgt Ion: 83 Resp: 144170

Ion Ratio Lower Upper

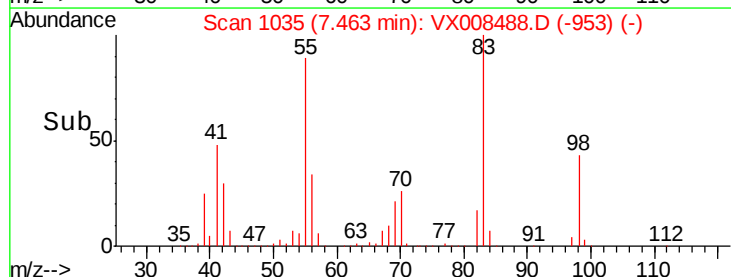
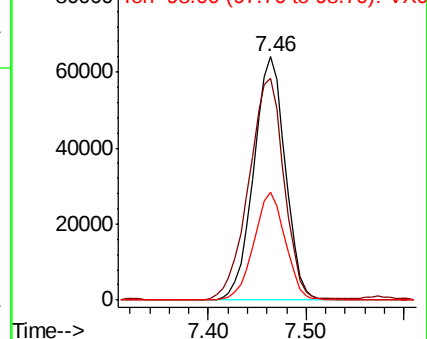
83 100

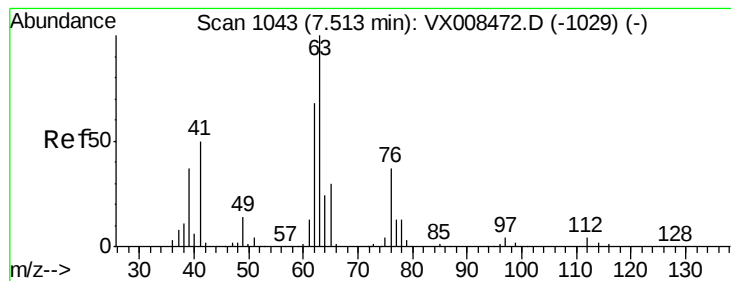
55 100.8 36.0 108.0

98 44.2 23.8 71.4



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





#39

1,2-Dichloropropane

Concen: 0.590 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.06 min

Lab File: VX008488.D

Acq: 27 Mar 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

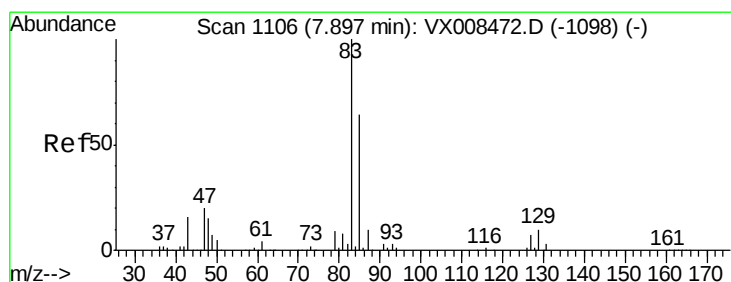
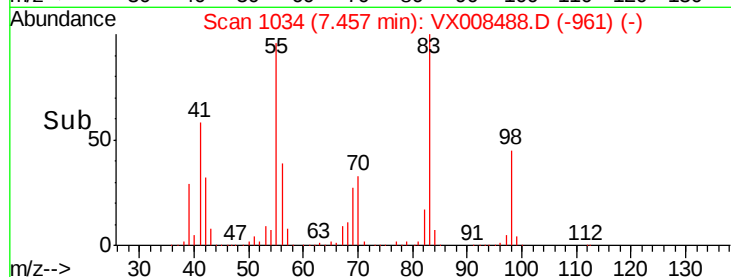
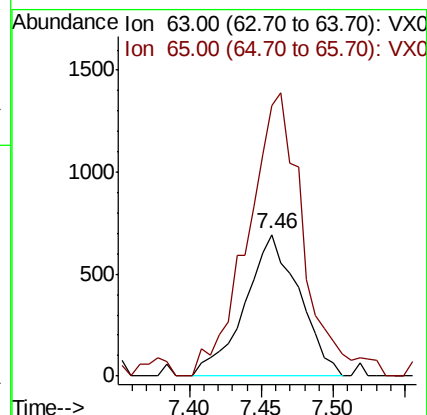
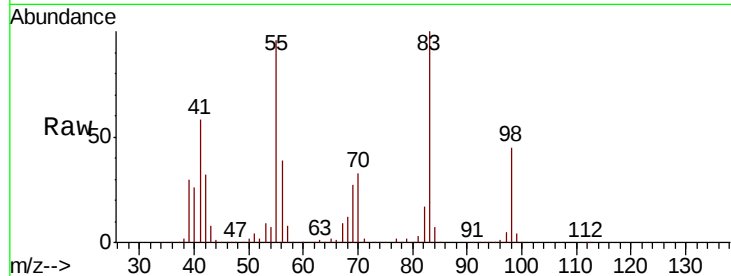
SHORE-RD-CLVRT-STLD-2H-A

Tot Ion: 63 Resp: 1816

Ion Ratio Lower Upper

63 100

65 190.8 24.6 37.0#



#41

Bromodichloromethane

Concen: 0.487 ug/l

RT: 7.85 min Scan# 1098

Delta R.T. -0.05 min

Lab File: VX008488.D

Acq: 27 Mar 2019 17:25

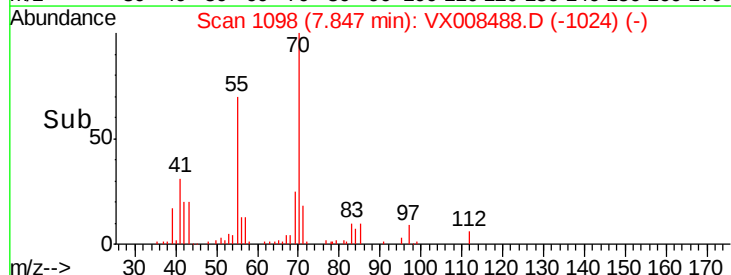
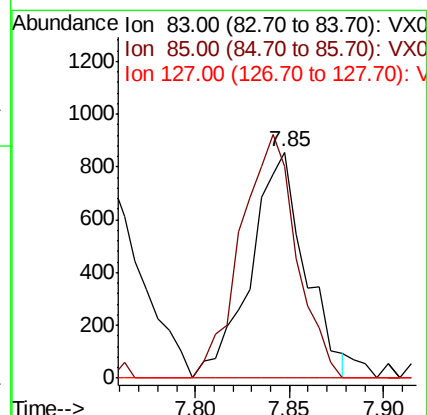
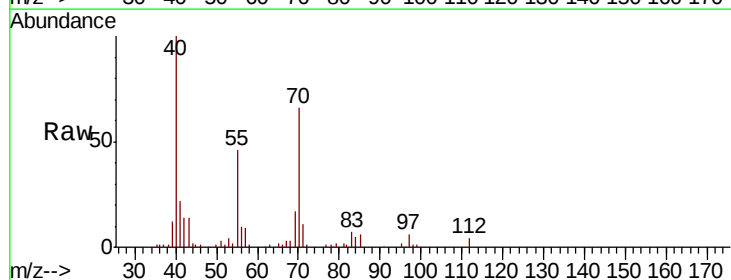
Tgt Ion: 83 Resp: 1707

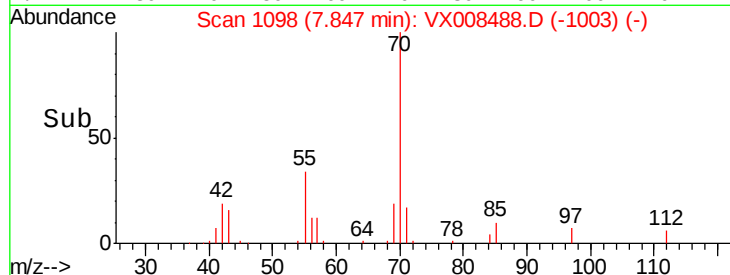
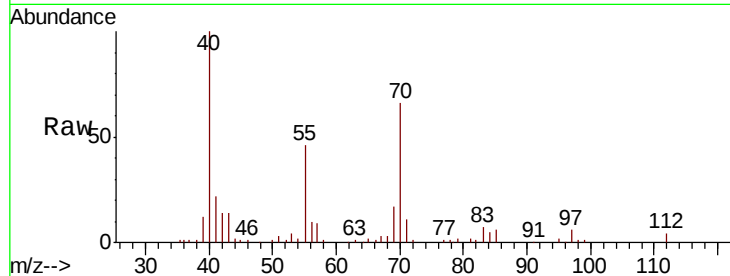
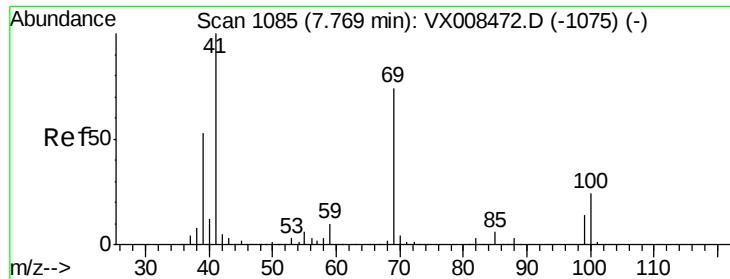
Ion Ratio Lower Upper

83 100

85 93.7 51.1 76.7#

127 0.0 7.2 10.8#

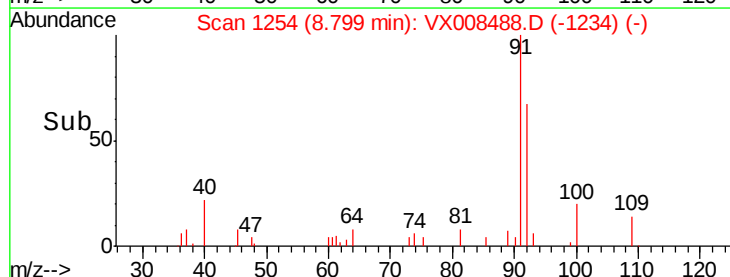
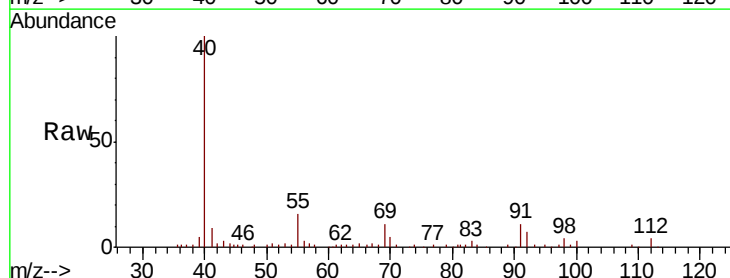
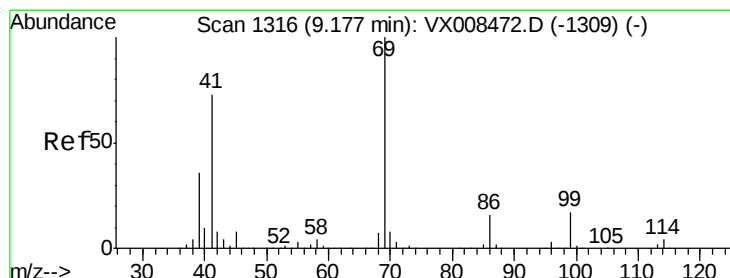
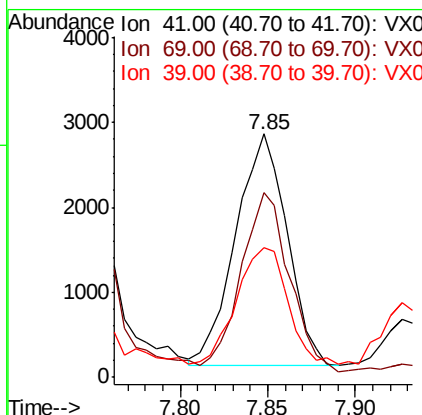




#46
Methyl methacrylate
Concen: 1.441 ug/l
RT: 7.85 min Scan# 1098
Delta R.T. 0.08 min
Lab File: VX008488.D
Acq: 27 Mar 2019 17:25

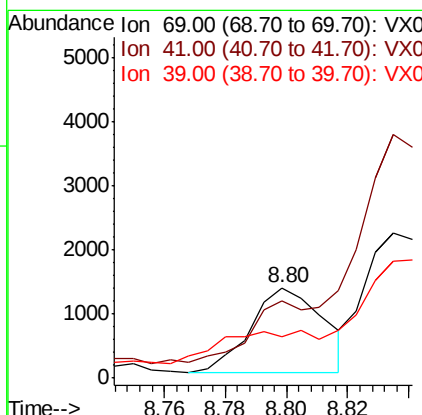
Instrument :
MSVOA_X
ClientSampleId :
SHORE-RD-CLVRT-STLD-2H-A

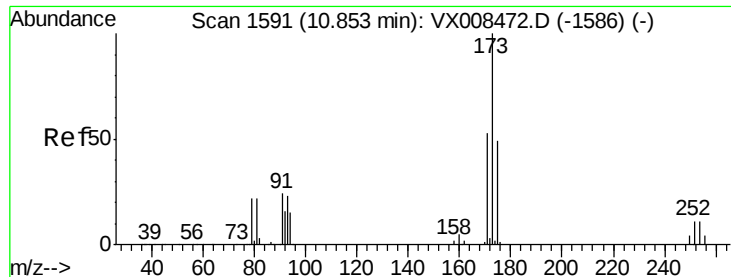
Tot Ion: 41 Resp: 5556
Ion Ratio Lower Upper
41 100
69 77.4 44.2 132.6
39 50.2 29.9 89.8



#51
Ethyl methacrylate
Concen: 0.444 ug/l
RT: 8.80 min Scan# 1254
Delta R.T. -0.38 min
Lab File: VX008488.D
Acq: 27 Mar 2019 17:25

Tgt Ion: 69 Resp: 2187
Ion Ratio Lower Upper
69 100
41 73.0 32.1 96.5
39 22.4 18.8 56.3





#56

Bromoform

Concen: 0.342 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.29 min

Lab File: VX008488.D

Acq: 27 Mar 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

SHORE-RD-CLVRT-STLD-2H-A

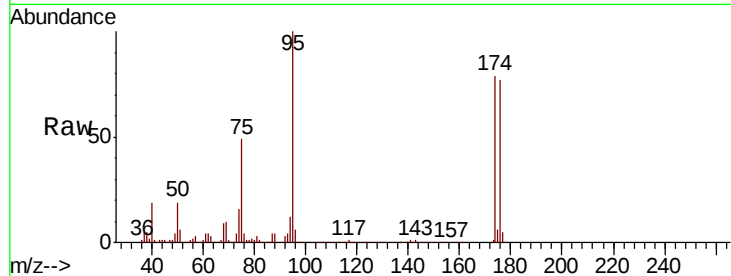
Tot Ion:173 Resp: 650

Ion Ratio Lower Upper

173 100

175 805.2 38.5 57.7#

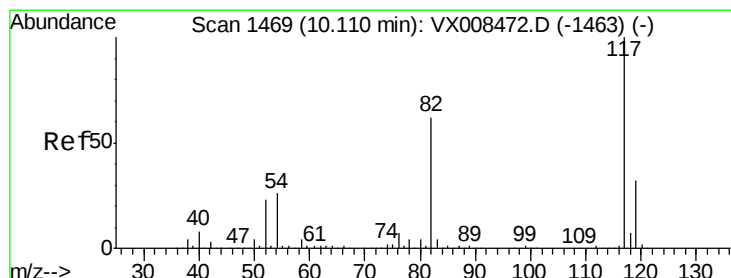
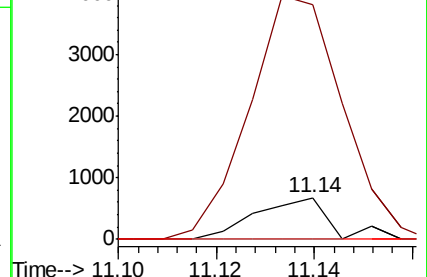
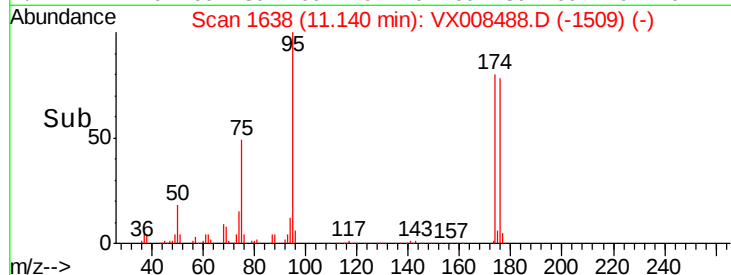
254 0.0 7.4 11.2#



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: VX008488.D

Acq: 27 Mar 2019 17:25

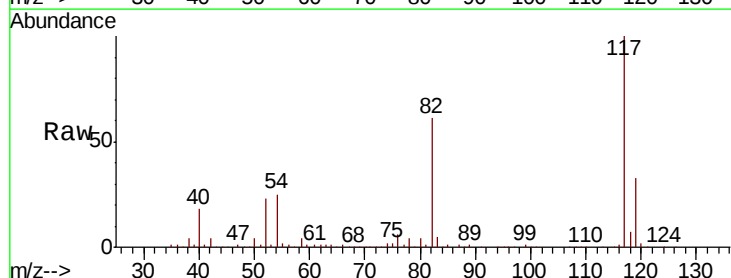
Tgt Ion:117 Resp: 183630

Ion Ratio Lower Upper

117 100

82 59.8 40.4 60.6

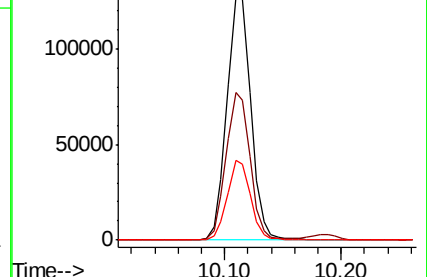
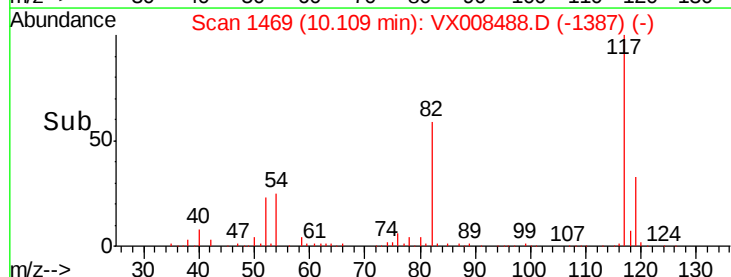
119 31.5 25.8 38.6

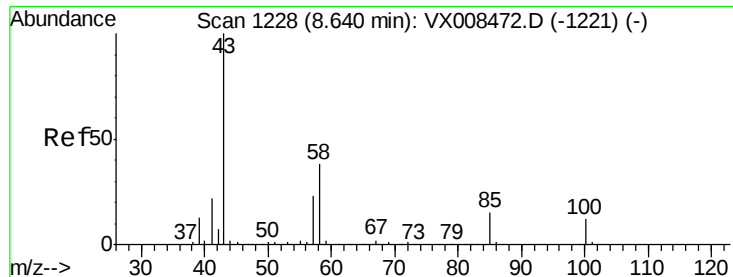


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): V

Ion 119.00 (118.70 to 119.70): V





#58

4-Methyl-2-Pentanone

Concen: 1.851 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008488.D

Acq: 27 Mar 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

SHORE-RD-CLVRT-STLD-2H-A

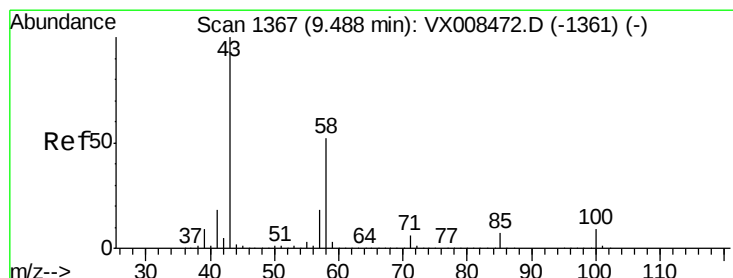
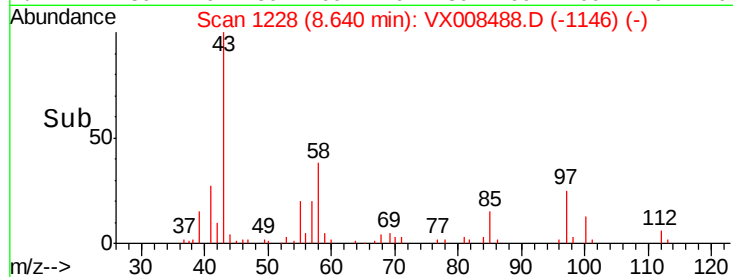
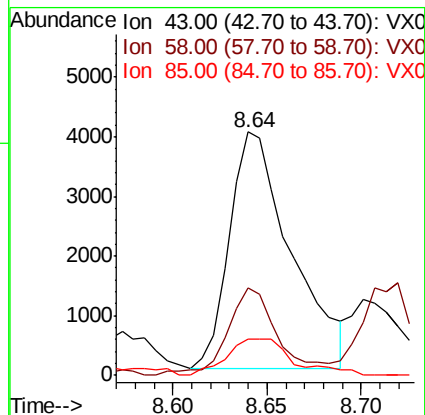
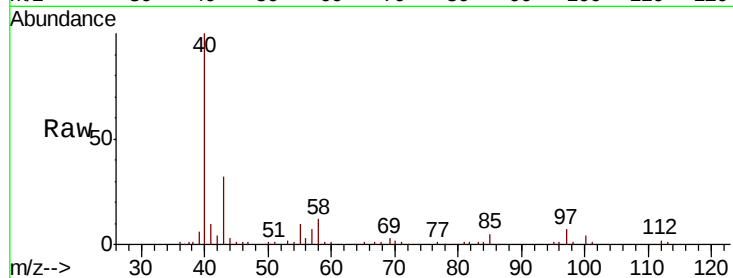
Tot Ion: 43 Resp: 8966

Ion Ratio Lower Upper

43 100

58 30.5 31.4 47.0#

85 14.6 15.0 22.6#



#59

2-Hexanone

Concen: 0.294 ug/l

RT: 9.50 min Scan# 1369

Delta R.T. 0.01 min

Lab File: VX008488.D

Acq: 27 Mar 2019 17:25

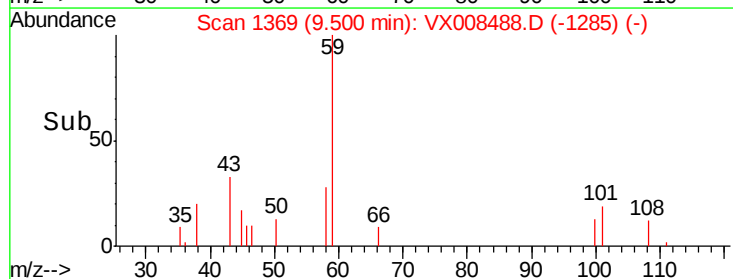
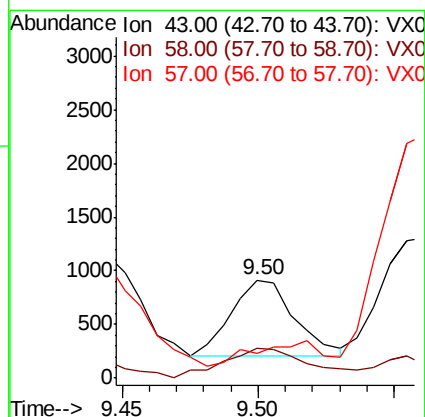
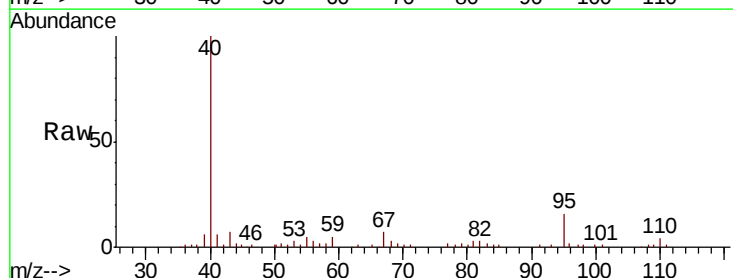
Tgt Ion: 43 Resp: 1124

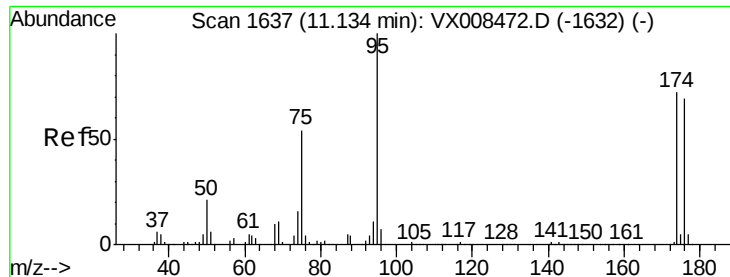
Ion Ratio Lower Upper

43 100

58 54.1 43.9 65.9

57 34.0 14.9 22.3#

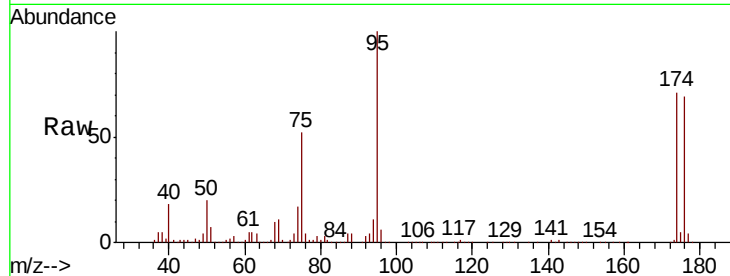




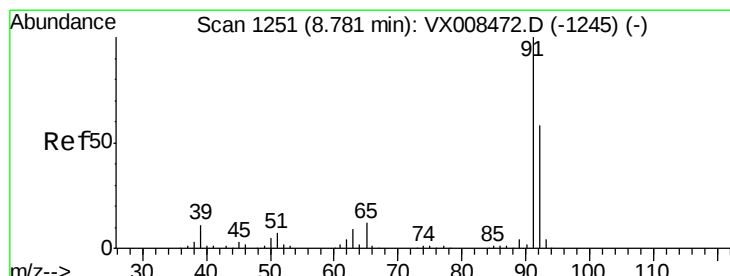
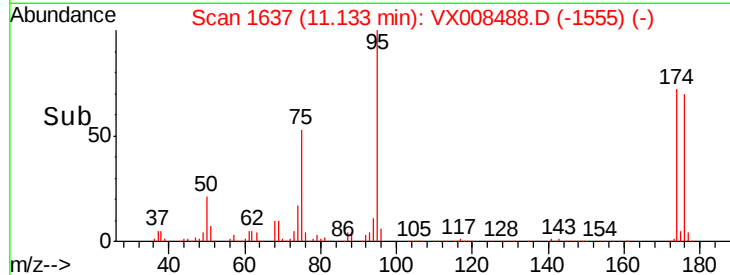
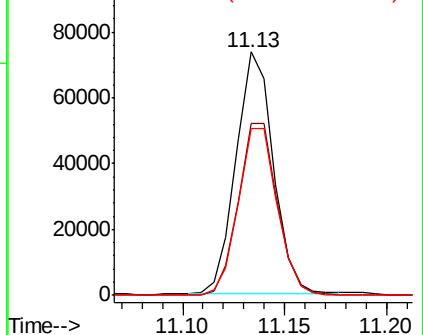
#60
4-Bromofluorobenzene
Concen: 28.977 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008488.D
Acq: 27 Mar 2019 17:25

Instrument :
MSVOA_X
ClientSampleId :
SHORE-RD-CLVRT-STLD-2H-A

Tot Ion: 95 Resp: 92710
Ion Ratio Lower Upper
95 100
174 75.2 74.9 112.3
176 73.0 70.7 106.1

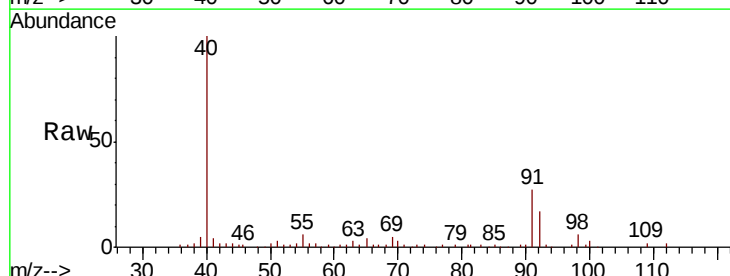


Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V

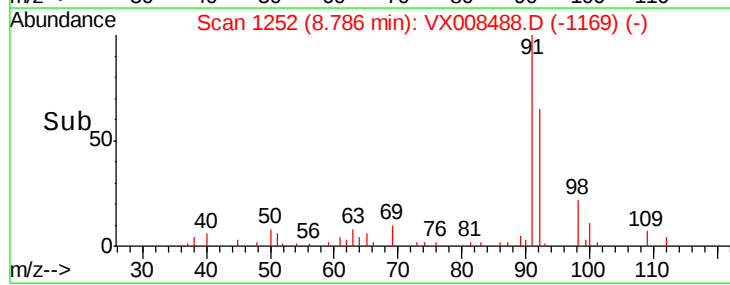
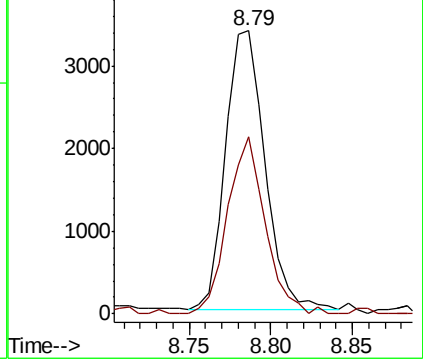


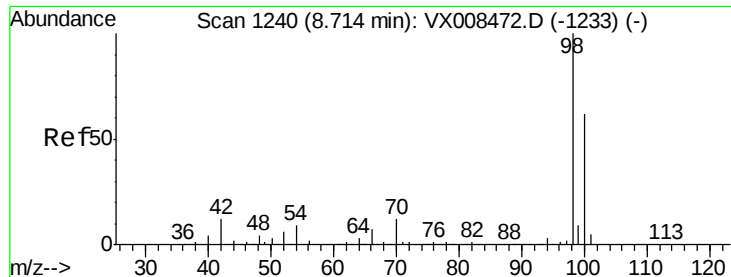
#62
Toluene
Concen: 0.509 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX008488.D
Acq: 27 Mar 2019 17:25

Tgt Ion: 91 Resp: 5658
Ion Ratio Lower Upper
91 100
92 60.3 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.687 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008488.D

Acq: 27 Mar 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

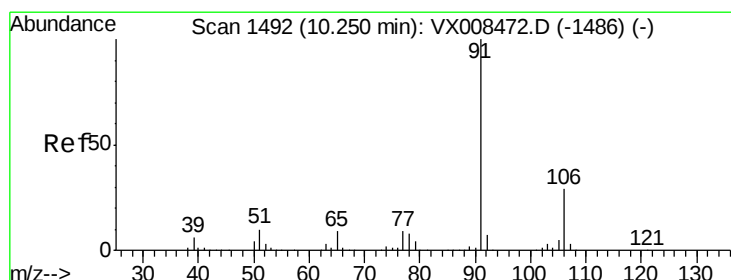
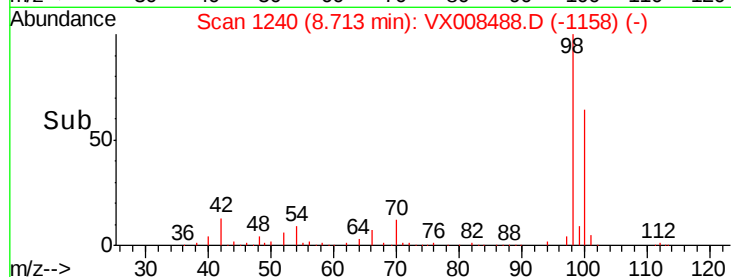
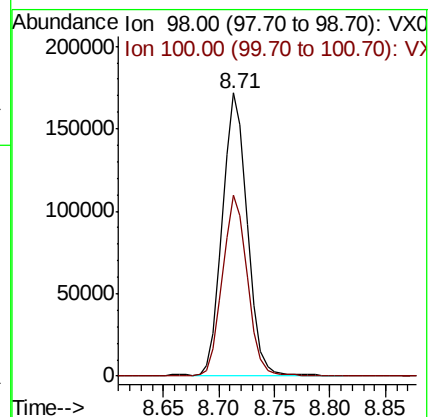
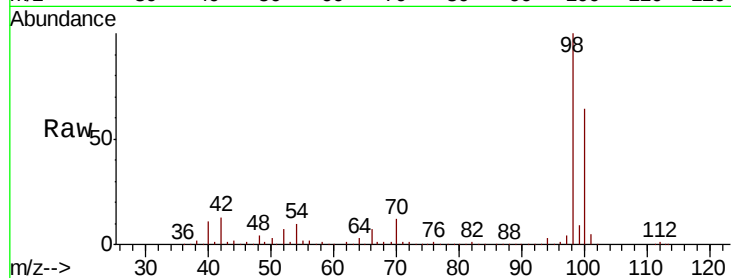
SHORE-RD-CLVRT-STLD-2H-A

Tot Ion: 98 Resp: 267486

Ion Ratio Lower Upper

98 100

100 63.6 50.9 76.3



#66

Ethyl Benzene

Concen: 1.532 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008488.D

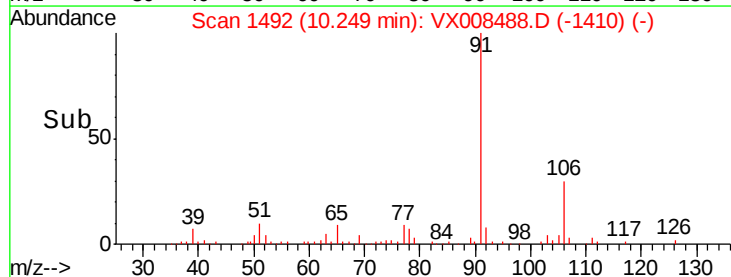
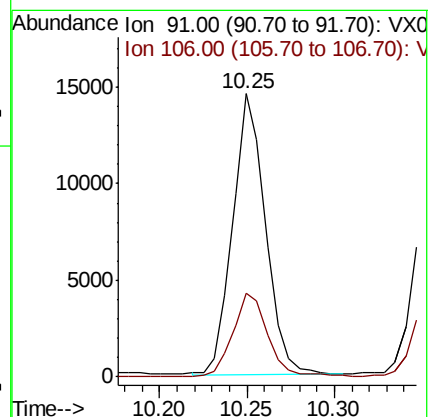
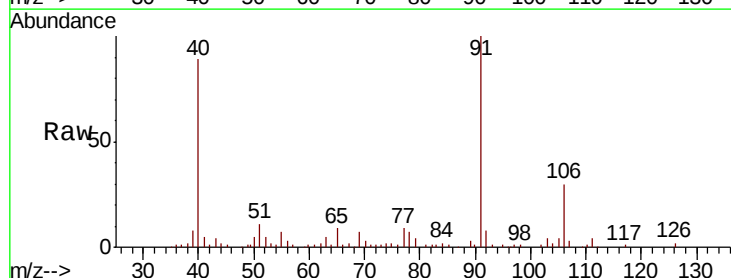
Acq: 27 Mar 2019 17:25

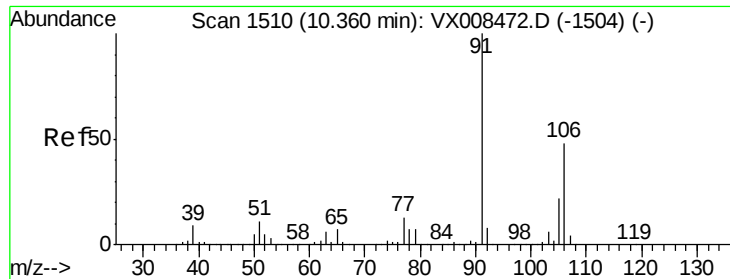
Tgt Ion: 91 Resp: 18905

Ion Ratio Lower Upper

91 100

106 29.8 26.0 39.0

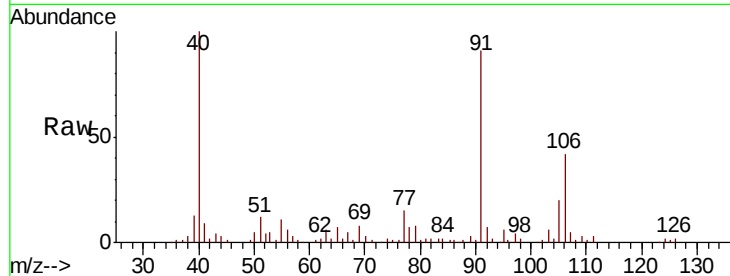




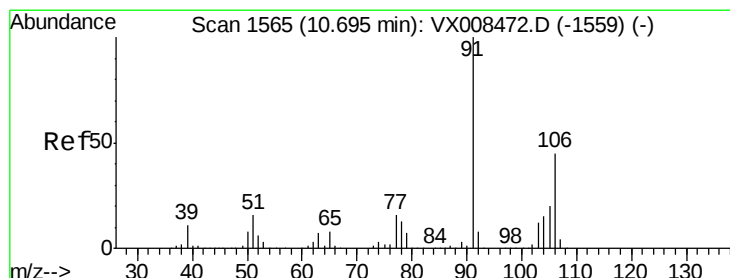
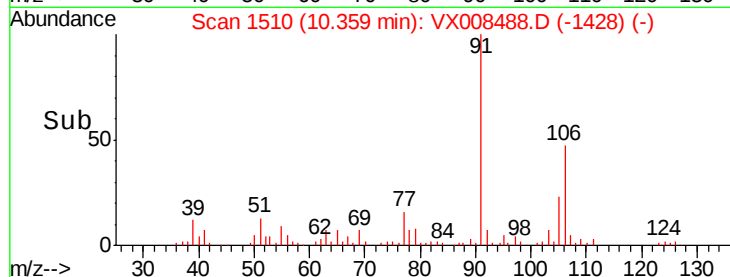
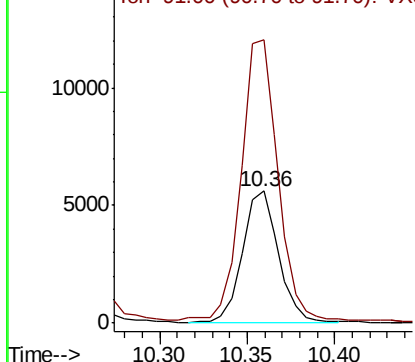
#67
m/p-Xvlenes
Concen: 1.801 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008488.D
Acq: 27 Mar 2019 17:25

Instrument :
MSVOA_X
ClientSampleId :
SHORE-RD-CLVRT-STLD-2H-A

Tot Ion:106 Resp: 8108
Ion Ratio Lower Upper
106 100
91 216.2 157.0 235.4

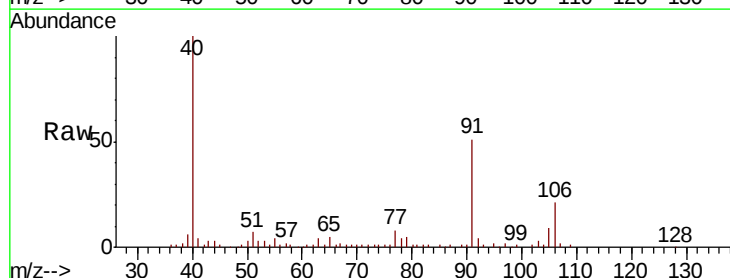


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

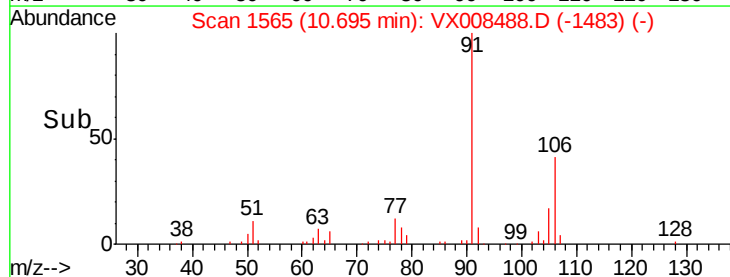
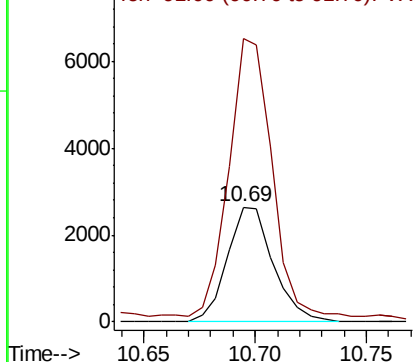


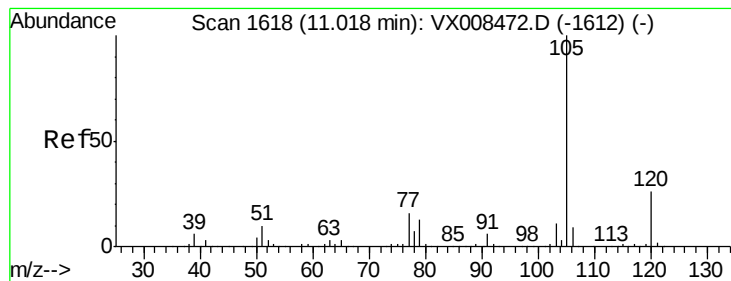
#68
o-Xylene
Concen: 0.866 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008488.D
Acq: 27 Mar 2019 17:25

Tgt Ion:106 Resp: 3816
Ion Ratio Lower Upper
106 100
91 226.0 104.4 313.2



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





#70

Isopropylbenzene

Concen: 2.867 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008488.D

Acq: 27 Mar 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

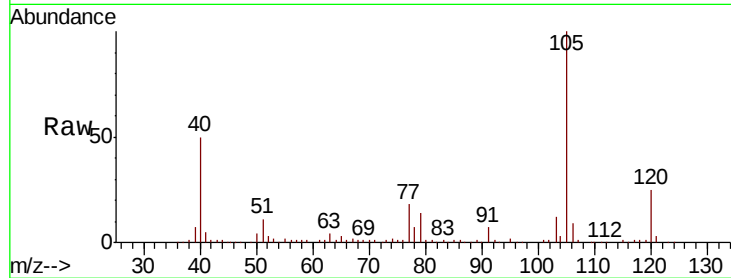
SHORE-RD-CLVRT-STLD-2H-A

Tot Ion:105 Resp: 33307

Ion Ratio Lower Upper

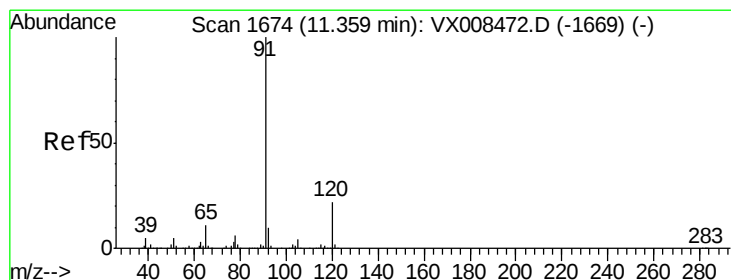
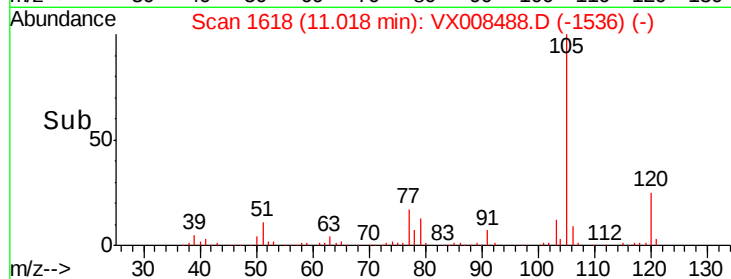
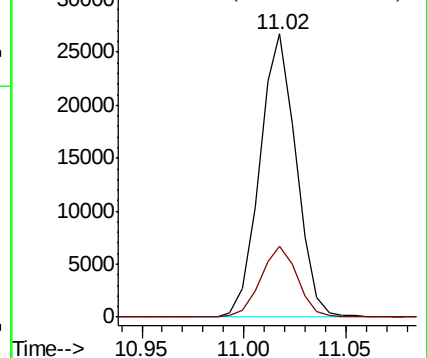
105 100

120 25.1 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: 9.380 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008488.D

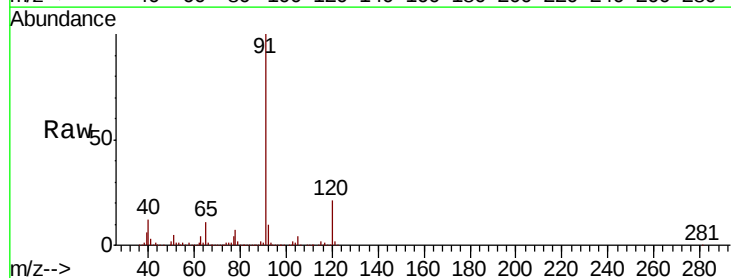
Acq: 27 Mar 2019 17:25

Tgt Ion: 91 Resp: 129833

Ion Ratio Lower Upper

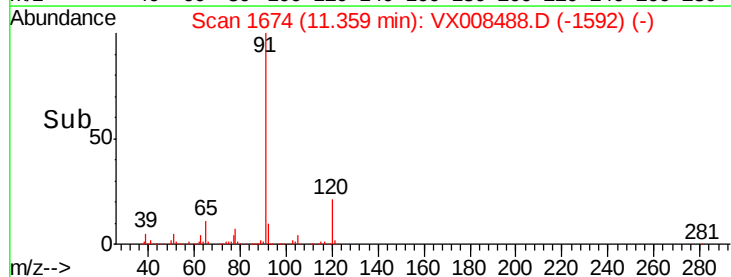
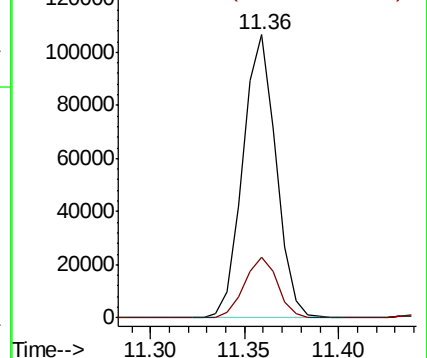
91 100

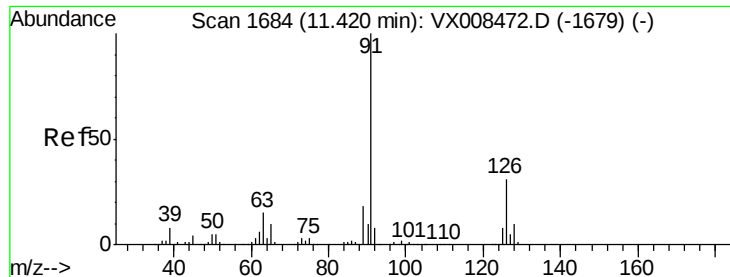
120 21.3 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 0.318 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. 0.03 min

Lab File: VX008488.D

Acq: 27 Mar 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

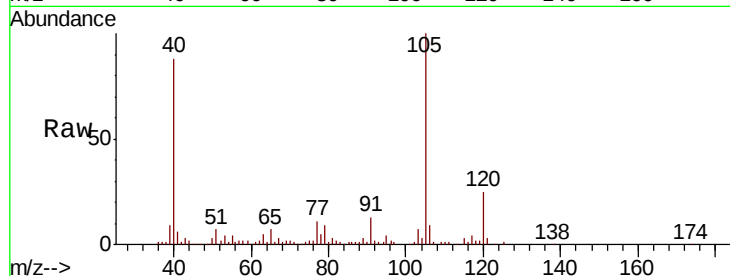
SHORE-RD-CLVRT-STLD-2H-A

Tot Ion: 91 Resp: 2618

Ion Ratio Lower Upper

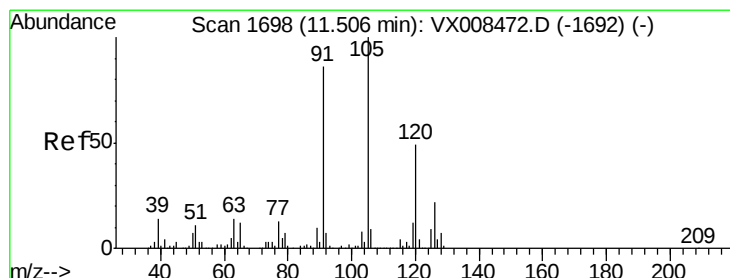
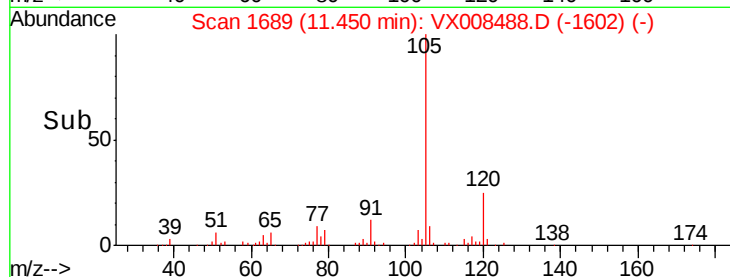
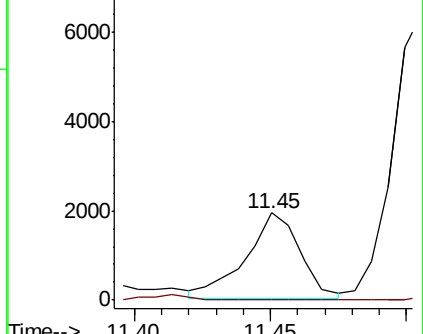
91 100

126 4.9 0.0 75.2



Abundance Ion 91.00 (90.70 to 91.70): VX008472.D (-1679) (-)

Ion 126.00 (125.70 to 126.70): VX008472.D (-1679) (-)



#76

1,3,5-Trimethylbenzene

Concen: 7.594 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008488.D

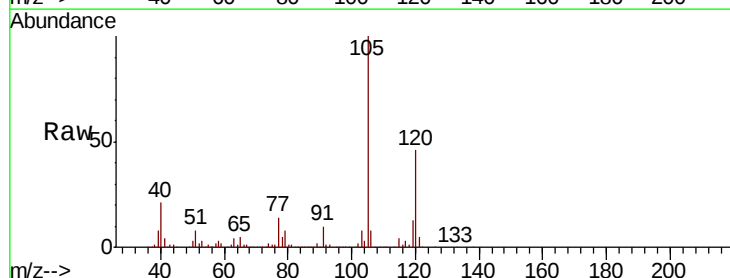
Acq: 27 Mar 2019 17:25

Tgt Ion: 105 Resp: 75432

Ion Ratio Lower Upper

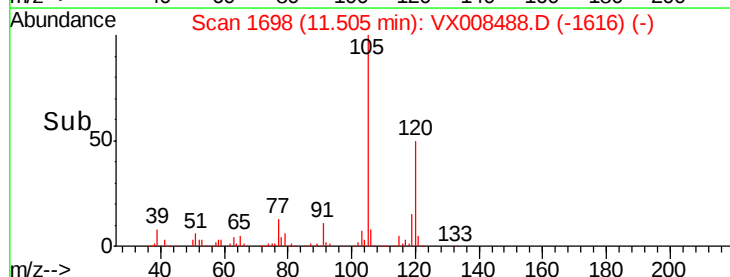
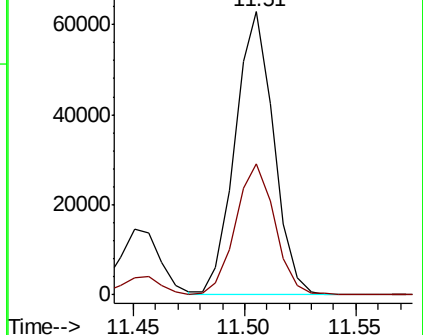
105 100

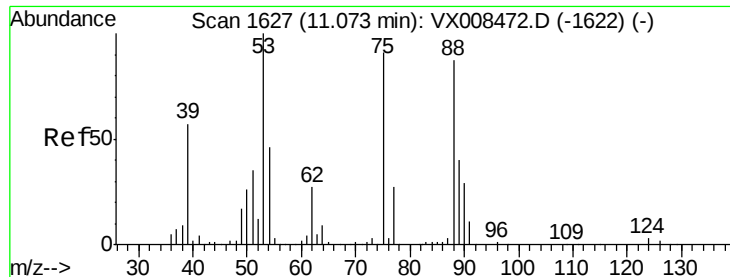
120 47.3 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): VX008472.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008472.D (-1692) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 0.394 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.06 min

Lab File: VX008488.D

Acq: 27 Mar 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

SHORE-RD-CLVRT-STLD-2H-A

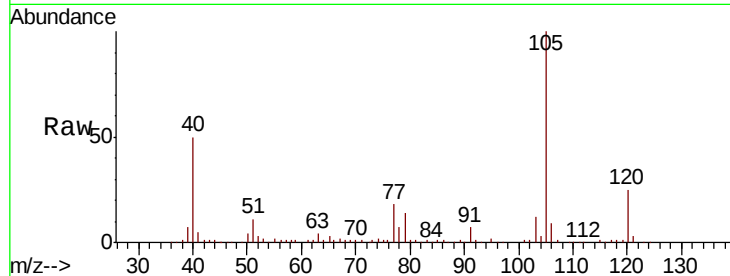
Tot Ion: 75 Resp: 554

Ion Ratio Lower Upper

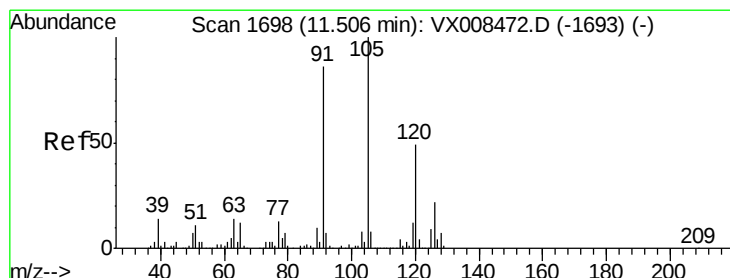
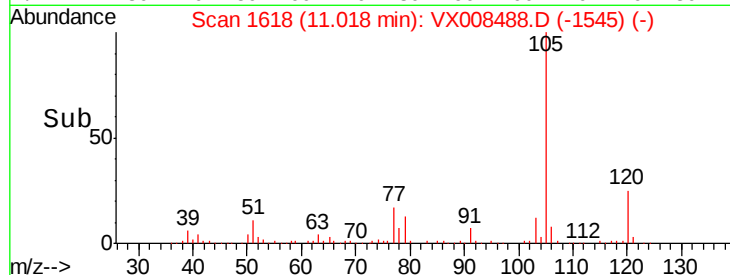
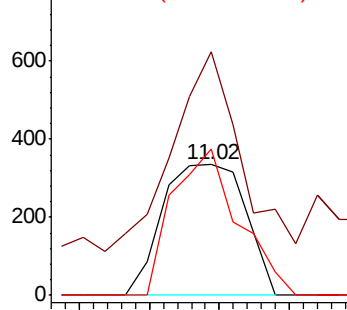
75 100

53 138.5 55.5 166.7

89 111.6 24.4 73.2#



Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 0.842 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008488.D

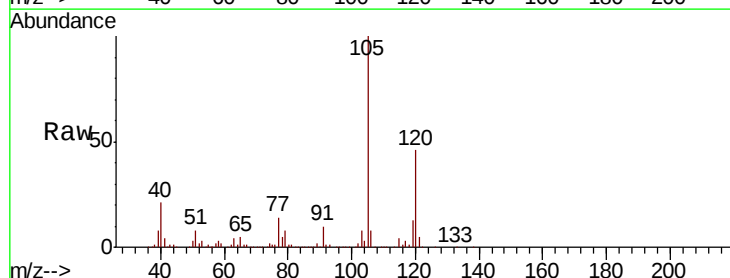
Acq: 27 Mar 2019 17:25

Tgt Ion: 91 Resp: 7982

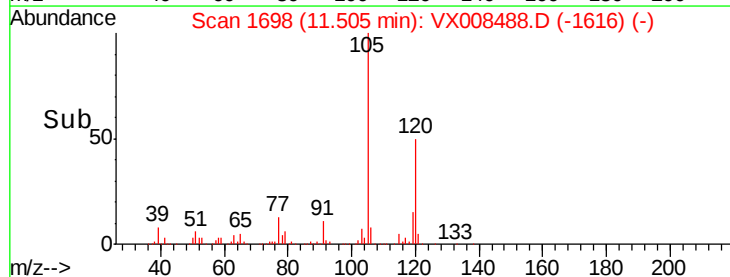
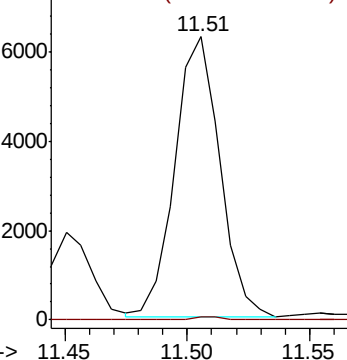
Ion Ratio Lower Upper

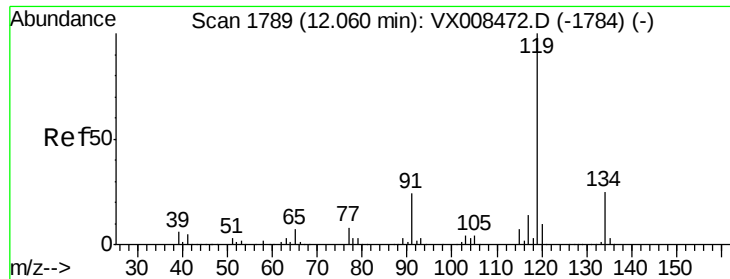
91 100

126 0.6 0.0 66.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 126.00 (125.70 to 126.70): V

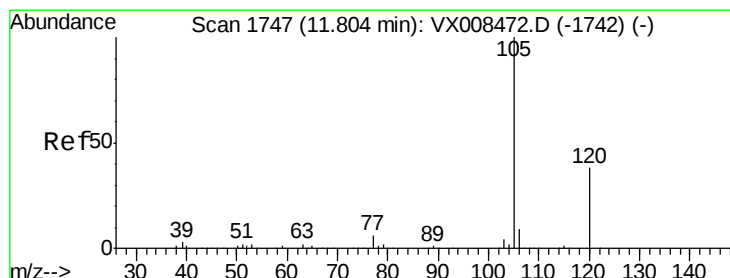
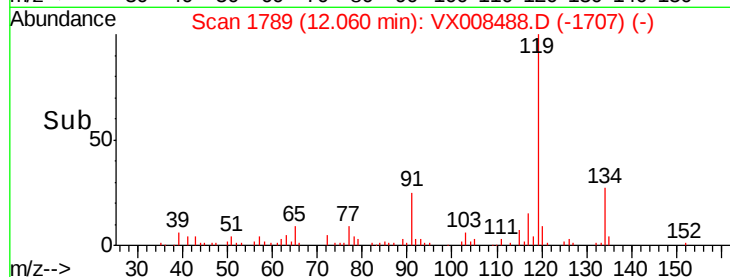
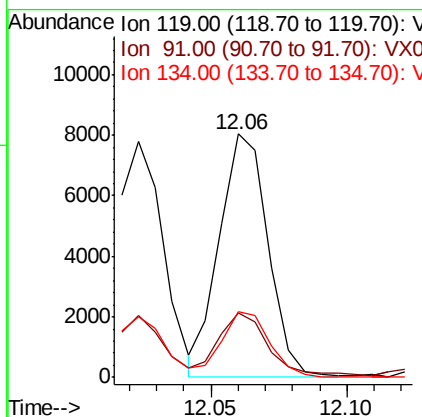
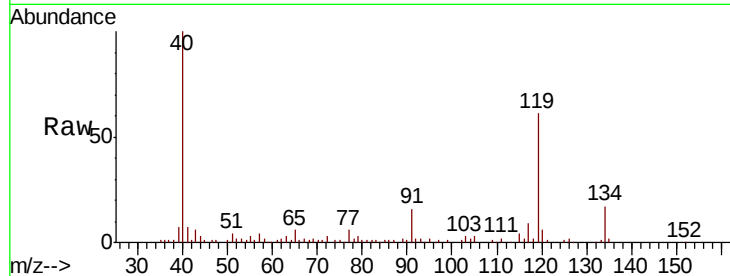




#79
tert-butylbenzene
Concen: 0.987 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008488.D
Acq: 27 Mar 2019 17:25

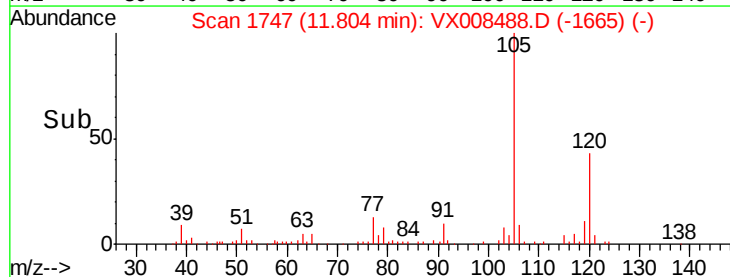
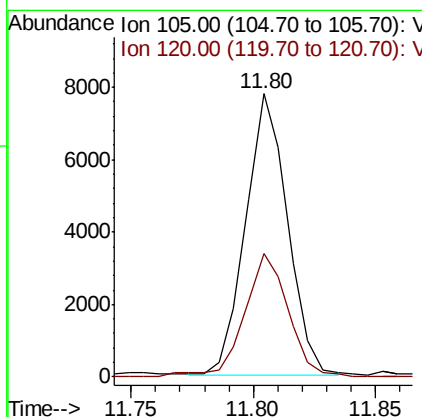
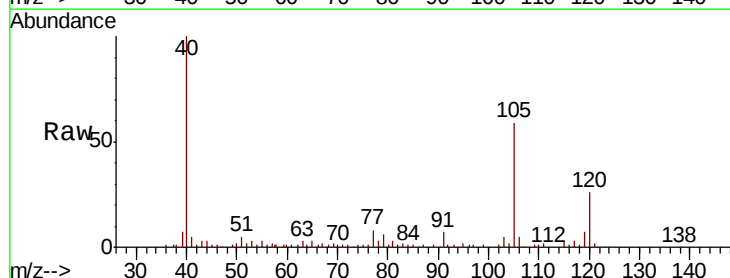
Instrument :
MSVOA_X
ClientSampleId :
SHORE-RD-CLVRT-STLD-2H-A

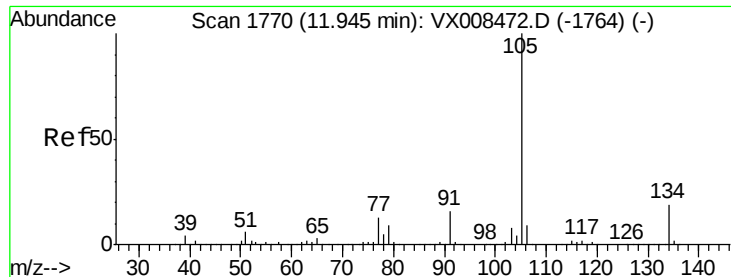
Tot Ion:119 Resp: 10015
Ion Ratio Lower Upper
119 100
91 25.8 0.0 45.0
134 26.7 0.0 55.4



#80
1,2,4-Trimethylbenzene
Concen: 0.934 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008488.D
Acq: 27 Mar 2019 17:25

Tgt Ion:105 Resp: 9251
Ion Ratio Lower Upper
105 100
120 44.8 0.0 94.0

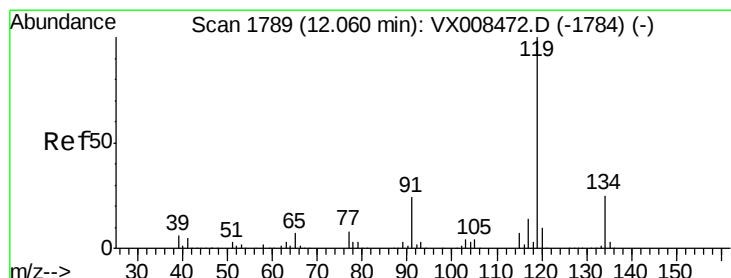
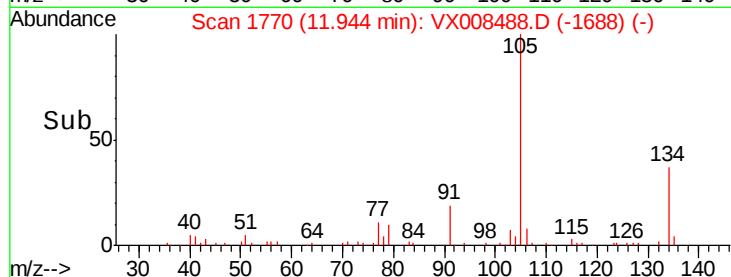
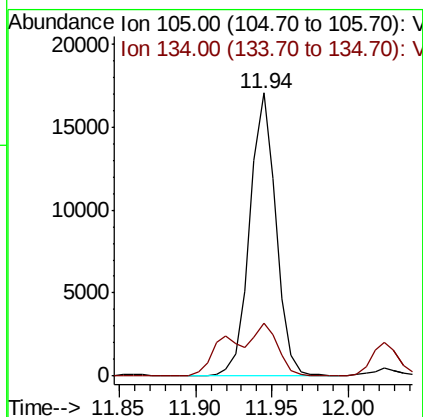
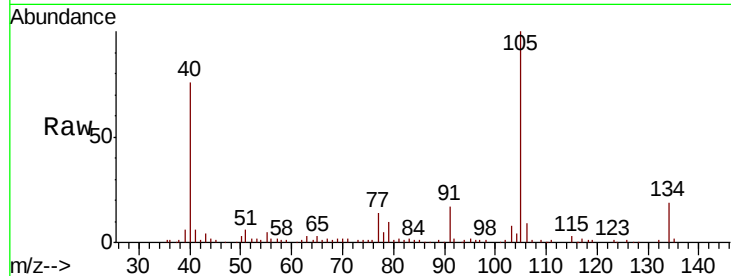




#81
 sec-Butylbenzene
 Concen: 1.785 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008488.D
 Acq: 27 Mar 2019 17:25

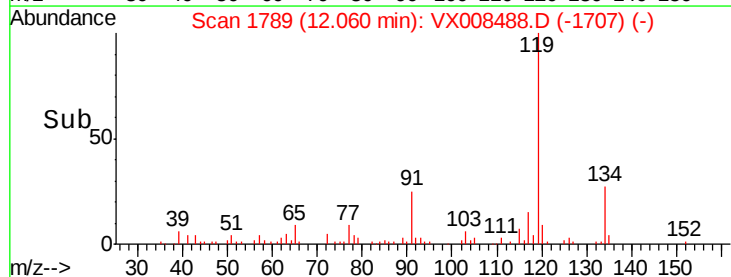
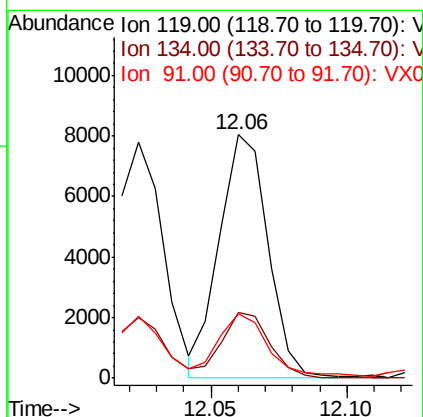
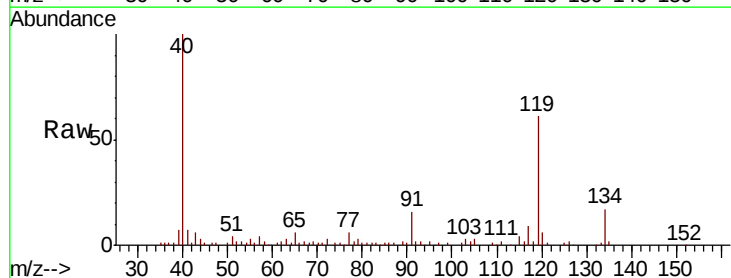
Instrument :
 MSVOA_X
 ClientSampleId :
 SHORE-RD-CLVRT-STLD-2H-A

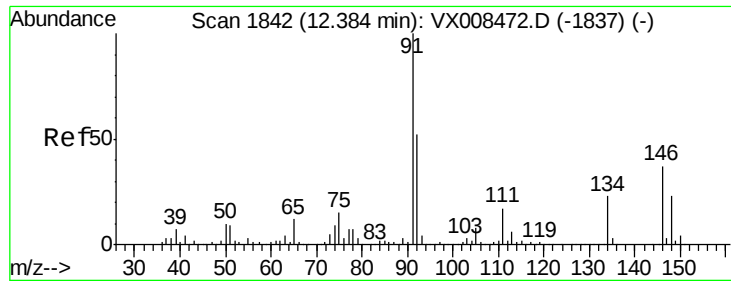
Tot Ion:105 Resp: 20256
 Ion Ratio Lower Upper
 105 100
 134 17.6 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 0.987 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008488.D
 Acq: 27 Mar 2019 17:25

Tgt Ion:119 Resp: 10015
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 55.4
 91 25.8 0.0 45.0

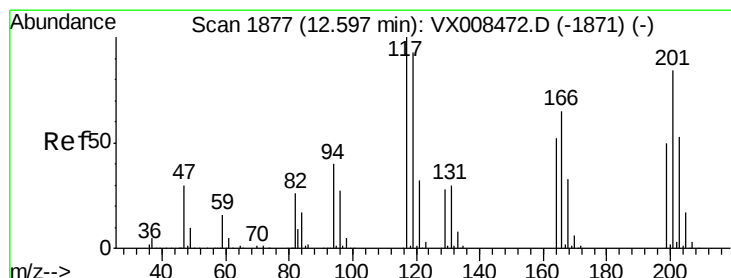
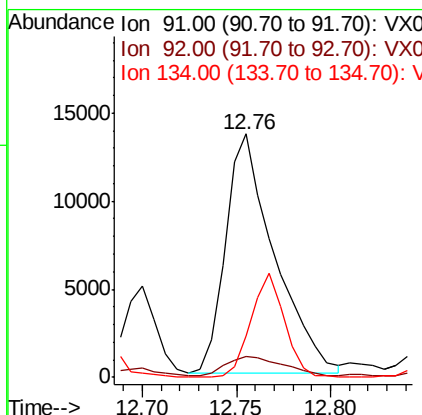
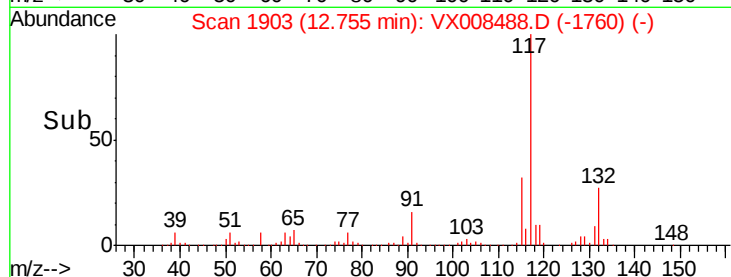
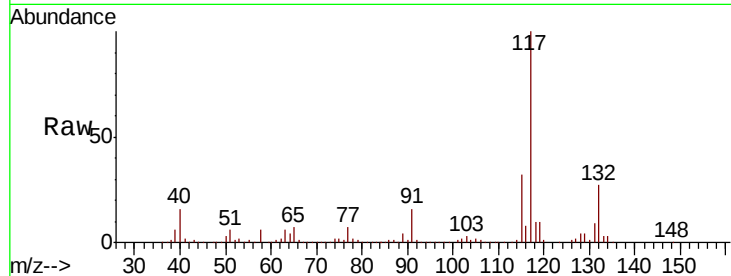




#85
n-Butylbenzene
Concen: 2.506 ug/l
RT: 12.76 min Scan# 1903
Delta R.T. 0.37 min
Lab File: VX008488.D
Acq: 27 Mar 2019 17:25

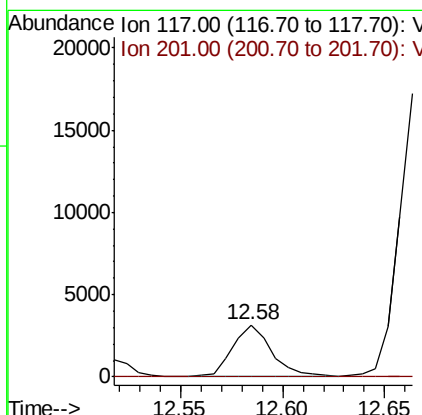
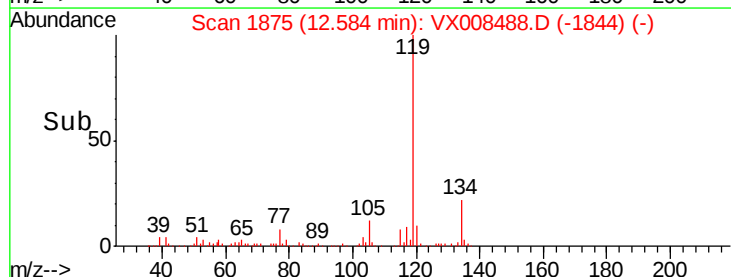
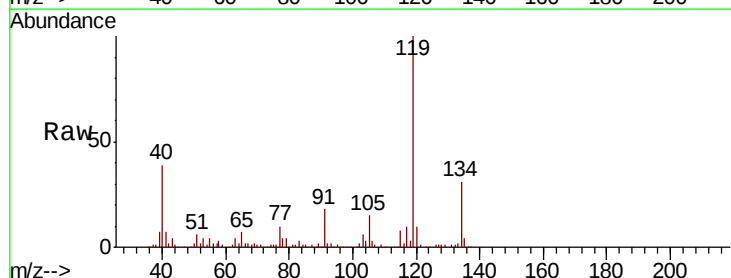
Instrument :
MSVOA_X
ClientSampleId :
SHORE-RD-CLVRT-STLD-2H-A

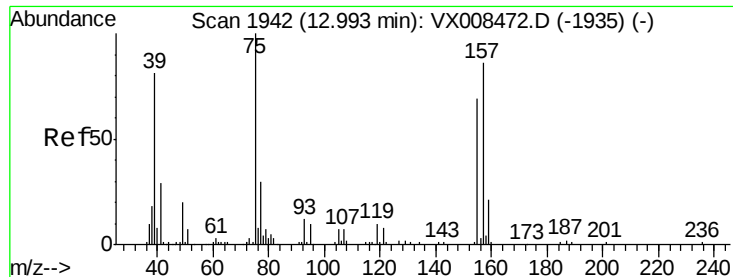
Tot Ion: 91 Resp: 24173
Ion Ratio Lower Upper
91 100
92 9.6 0.0 105.2
134 30.1 0.0 56.4



#86
Hexachloroethane
Concen: 2.481 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX008488.D
Acq: 27 Mar 2019 17:25

Tgt Ion: 117 Resp: 4208
Ion Ratio Lower Upper
117 100
201 0.0 41.1 123.3#





#88

1,2-Dibromo-3-Chloropropane

Concen: 1.160 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX008488.D

Acq: 27 Mar 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

SHORE-RD-CLVRT-STLD-2H-A

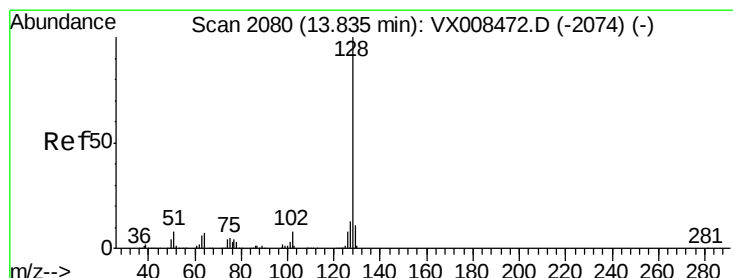
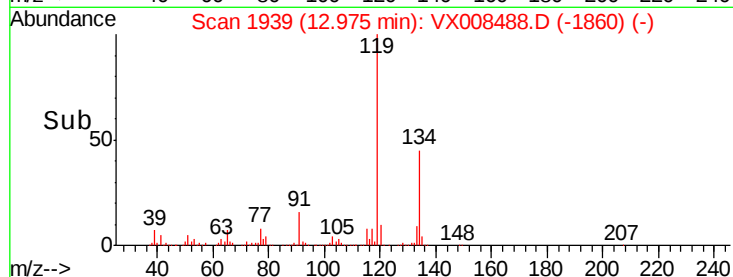
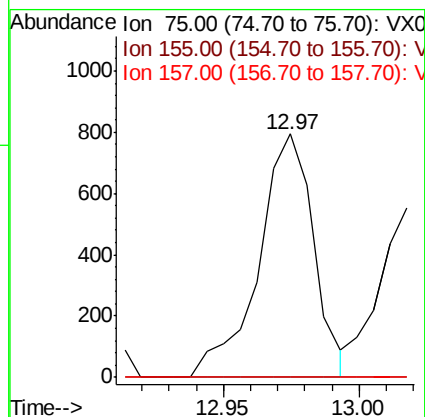
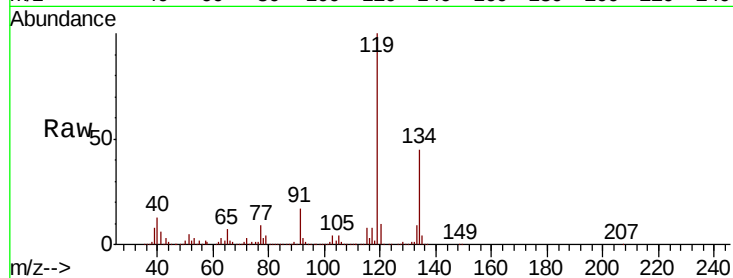
Tot Ion: 75 Resp: 1116

Ion Ratio Lower Upper

75 100

155 0.0 81.0 121.6#

157 0.0 103.2 154.8#



#91

Naphthalene

Concen: 5.548 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008488.D

Acq: 27 Mar 2019 17:25

Tgt Ion: 128 Resp: 64830

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

129 13.3 8.9 13.3

