

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032719\
 Data File : VX008489.D
 Acq On : 27 Mar 2019 17:48
 Operator : JC/SP
 Sample : K2099-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Mar 28 02:08:56 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	35393	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	203470	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	177698	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	89760	30.32	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.07%
60) 4-Bromofluorobenzene	11.13	95	88538	28.60	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.33%
63) Toluene-d8	8.71	98	258942	30.70	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.33%

Target Compounds

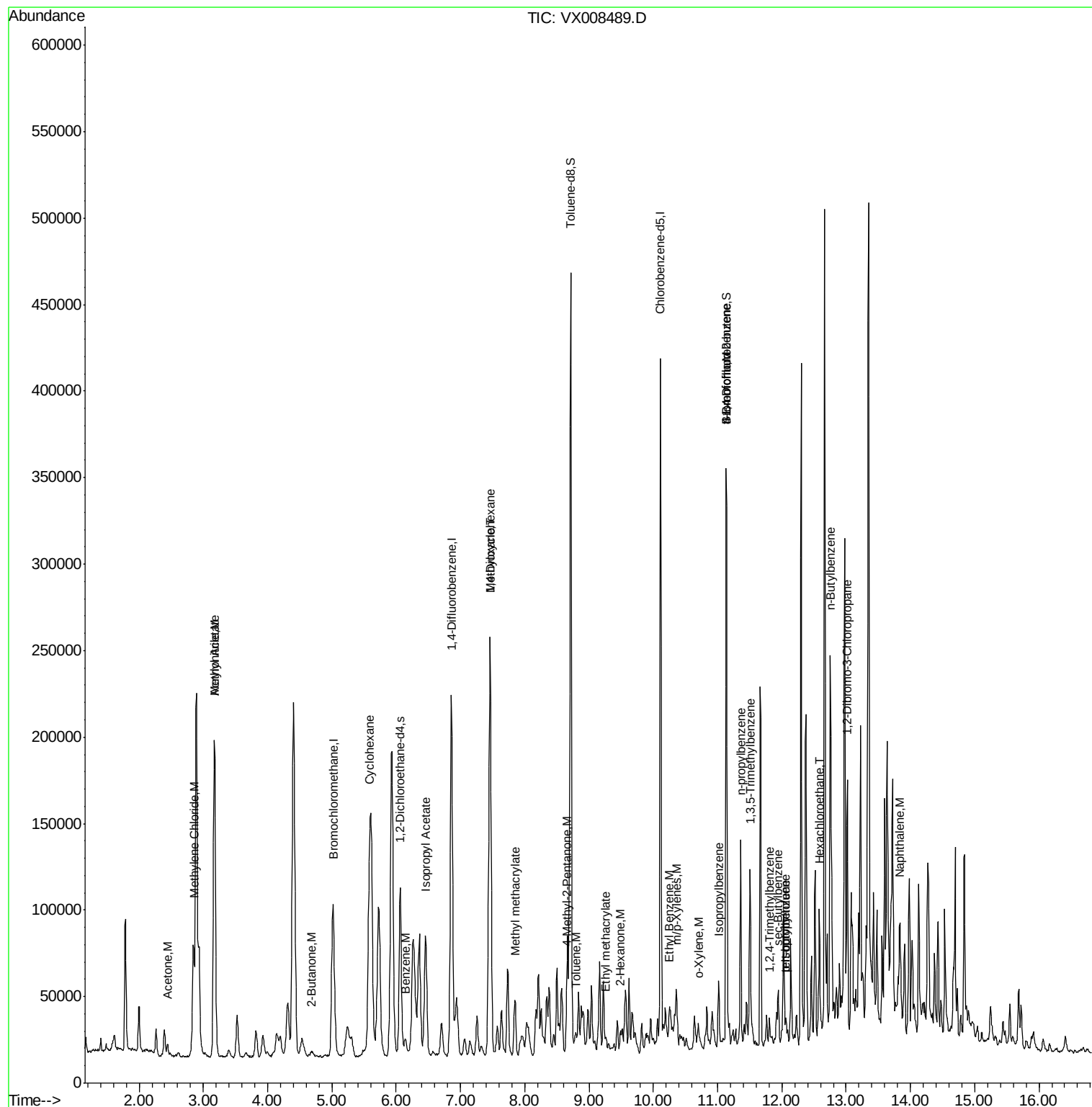
					Ovalue	
12) Methyl Acetate	3.17	43	31323	17.243	ug/l #	51
14) Acrylonitrile	3.17	53	4306	2.564	ug/l #	42
15) Acetone	2.44	58	2651	5.119	ug/l	93
18) Methylene Chloride	2.86	84	928	0.346	ug/l #	25
26) Cyclohexane	5.59	56	87691	18.342	ug/l #	70
30) 2-Butanone	4.68	43	3908	1.553	ug/l #	56
34) Benzene	6.15	78	10612	1.014	ug/l	96
38) Methylcyclohexane	7.46	83	102186	23.690	ug/l	76
44) Isopropyl Acetate	6.45	43	3568	0.487	ug/l #	61
45) 1,4-Dioxane	7.46	88	42	0.576	ug/l #	1
46) Methyl methacrylate	7.85	41	5507	1.480	ug/l	86
51) Ethyl methacrylate	9.27	69	1967	0.414	ug/l	83
56) Bromoform	11.14	173	875	0.478	ug/l #	1
58) 4-Methyl-2-Pentanone	8.65	43	9055	1.932	ug/l #	82
59) 2-Hexanone	9.50	43	817	0.221	ug/l #	70
62) Toluene	8.79	91	4197	0.390	ug/l	97
66) Ethyl Benzene	10.25	91	10400	0.871	ug/l	95
67) m/p-Xylenes	10.35	106	5413	1.243	ug/l	87
68) o-Xylene	10.70	106	2781	0.652	ug/l	89
70) Isopropylbenzene	11.02	105	17807	1.584	ug/l	95
74) n-propylbenzene	11.36	91	68010	5.077	ug/l	93
76) 1,3,5-Trimethylbenzene	11.51	105	40930	4.258	ug/l	97
77) t-1,4-Dichloro-2-butene	11.13	75	45965	33.752	ug/l #	6
79) tert-butylbenzene	12.06	119	6411	0.653	ug/l	90
80) 1,2,4-Trimethylbenzene	11.80	105	5749	0.600	ug/l	98
81) sec-Butylbenzene	11.94	105	12949	1.179	ug/l	90
82) p-Isopropyltoluene	12.06	119	6411	0.653	ug/l	90
85) n-Butylbenzene	12.76	91	20888	2.238	ug/l	57
86) Hexachloroethane	12.58	117	3249	1.980	ug/l #	8
88) 1,2-Dibromo-3-Chloropropan	13.02	75	576	0.619	ug/l #	1
91) Naphthalene	13.83	128	35498	3.139	ug/l	97

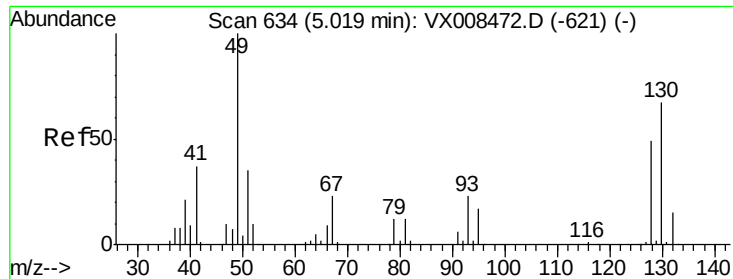
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008489.D

Acq: 27 Mar 2019 17:48

Instrument :

MSVOA_X

ClientSampleId :

SHORE-RD-CLVRT-STLD-2H-B

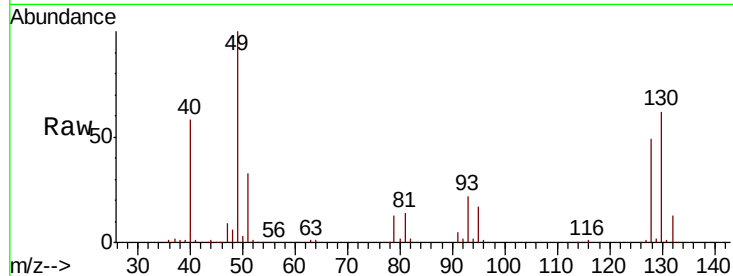
Tot Ion:128 Resp: 35393

Ion Ratio Lower Upper

128 100

49 204.8 0.0 350.8

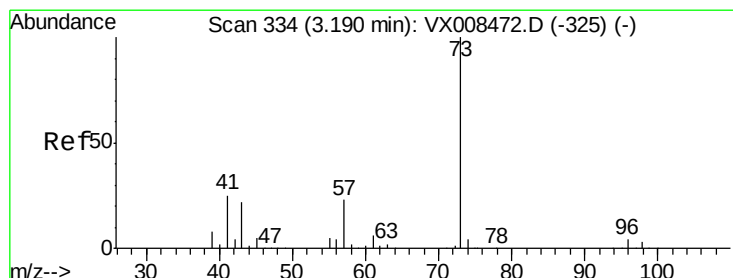
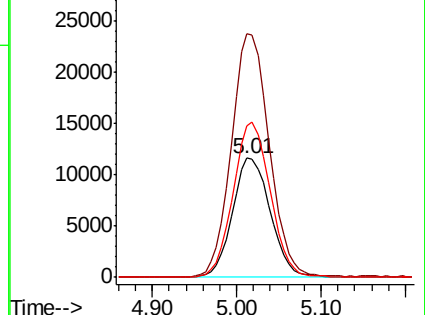
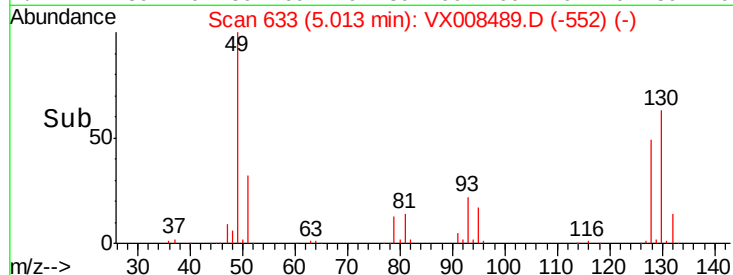
130 127.2 0.0 325.8



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



#12

Methyl Acetate

Concen: 17.243 ug/l

RT: 3.17 min Scan# 331

Delta R.T. -0.02 min

Lab File: VX008489.D

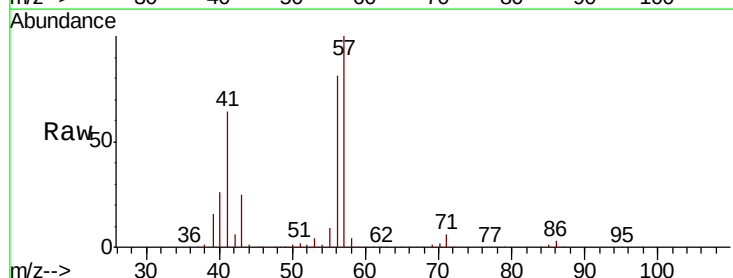
Acq: 27 Mar 2019 17:48

Tgt Ion: 43 Resp: 31323

Ion Ratio Lower Upper

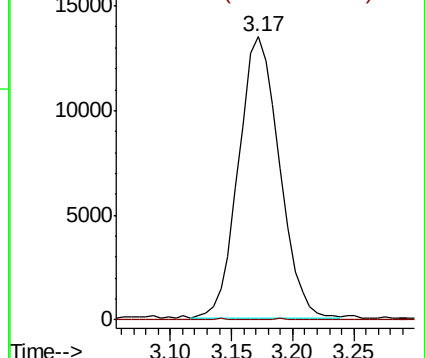
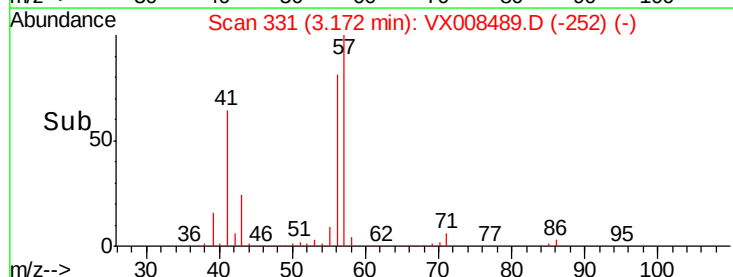
43 100

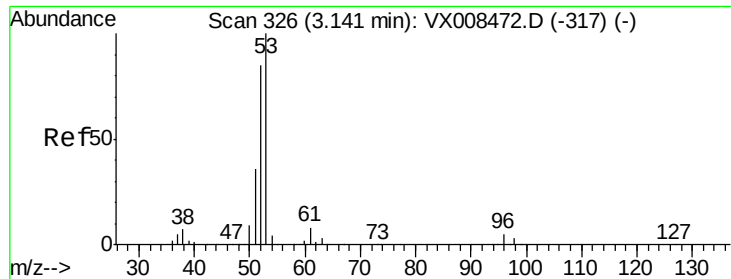
74 0.0 19.4 29.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#14

Acrylonitrile

Concen: 2.564 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.03 min

Lab File: VX008489.D

Acq: 27 Mar 2019 17:48

Instrument :

MSVOA_X

ClientSampleId :

SHORE-RD-CLVRT-STLD-2H-B

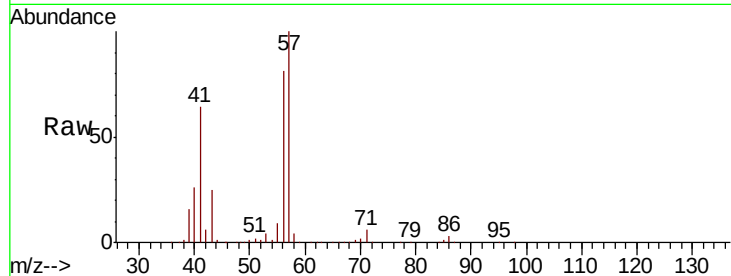
Tot Ion: 53 Resp: 4306

Ion Ratio Lower Upper

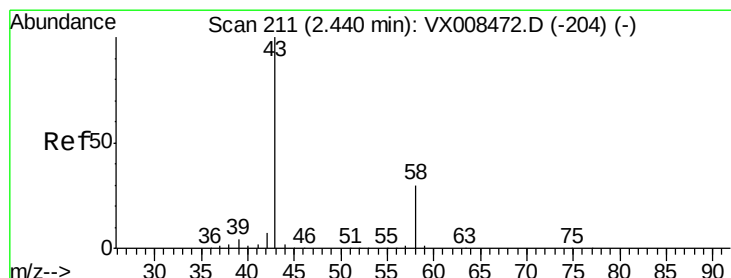
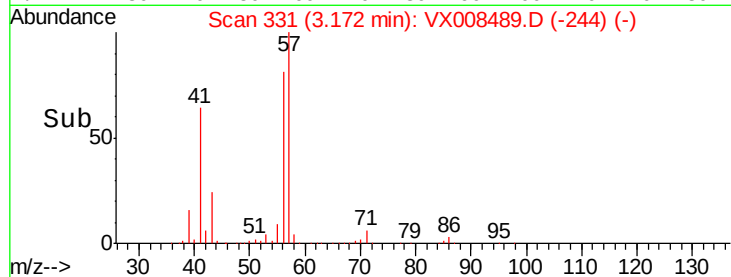
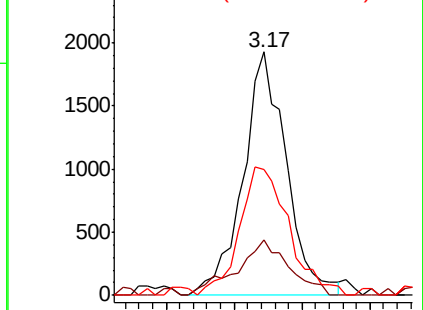
53 100

52 23.9 41.3 124.1#

51 59.2 17.5 52.6#



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#15

Acetone

Concen: 5.119 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX008489.D

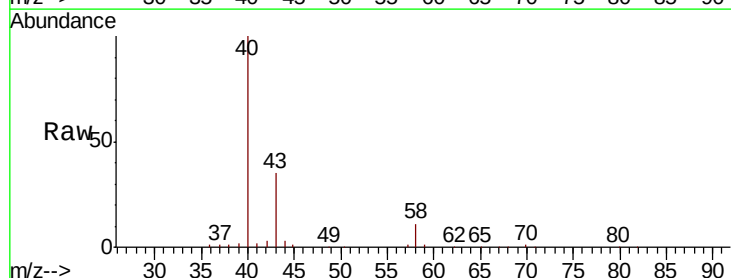
Acq: 27 Mar 2019 17:48

Tgt Ion: 58 Resp: 2651

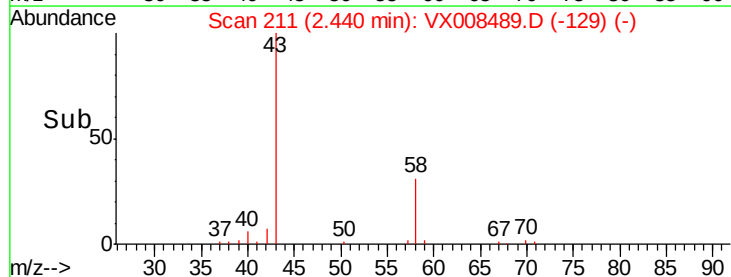
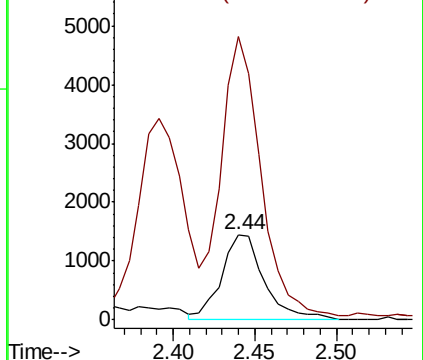
Ion Ratio Lower Upper

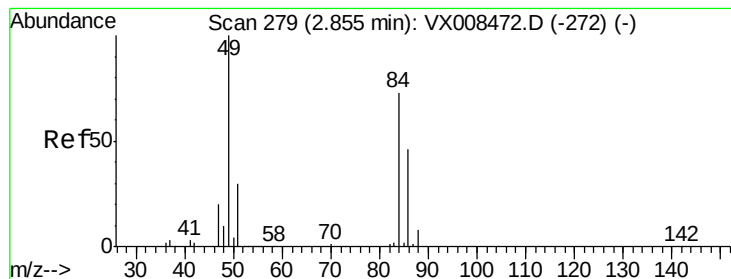
58 100

43 326.6 249.8 374.6



Abundance Ion 58.00 (57.70 to 58.70): VX0
Ion 43.00 (42.70 to 43.70): VX0





#18

Methylene Chloride

Concen: 0.346 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX008489.D

Acq: 27 Mar 2019 17:48

Instrument :

MSVOA_X

ClientSampleId :

SHORE-RD-CLVRT-STLD-2H-B

Tot Ion: 84 Resp: 928

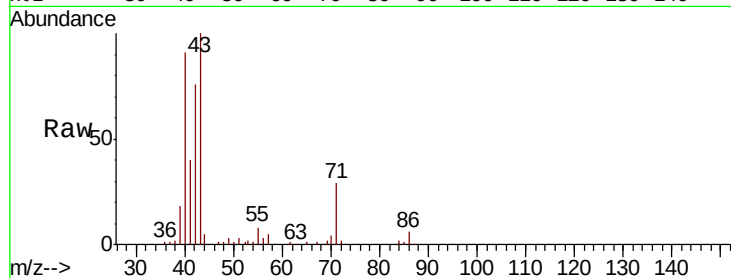
Ion Ratio Lower Upper

84 100

49 118.2 96.1 144.1

51 84.3 29.1 43.7#

86 223.3 47.3 70.9#

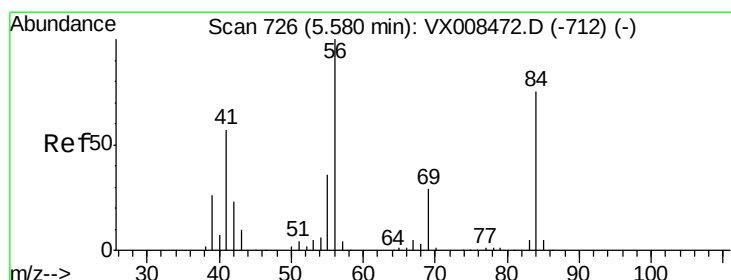
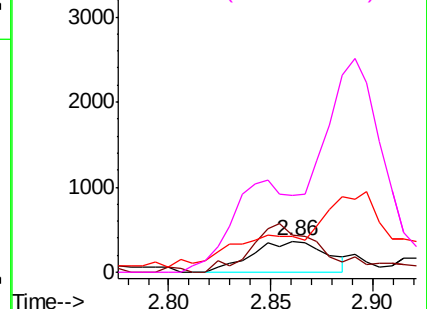
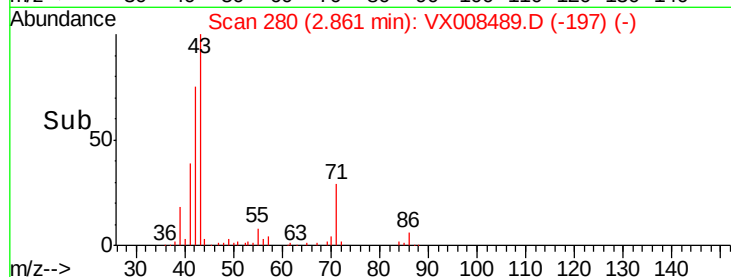


Abundance Ion 84.00 (83.70 to 84.70): VX0

Ion 49.00 (48.70 to 49.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#26

Cyclohexane

Concen: 18.342 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX008489.D

Acq: 27 Mar 2019 17:48

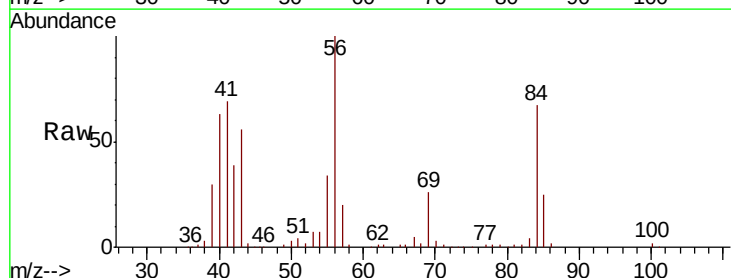
Tgt Ion: 56 Resp: 87691

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

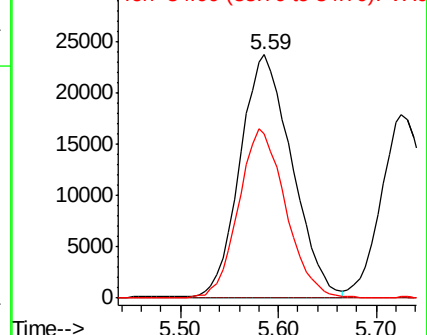
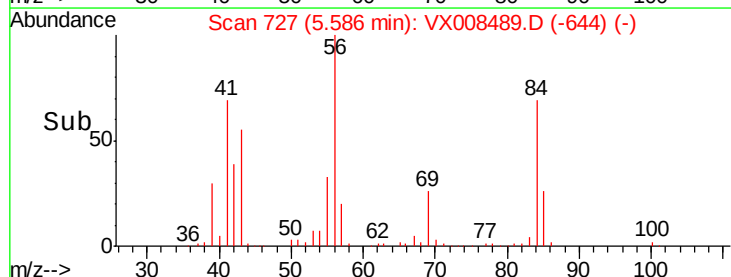
84 63.3 73.9 110.9#

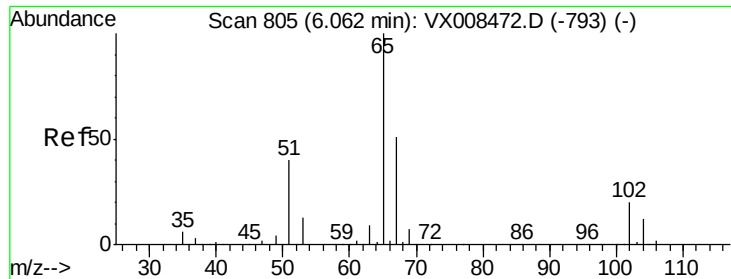


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 30.316 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008489.D

Acq: 27 Mar 2019 17:48

Instrument :

MSVOA_X

ClientSampleId :

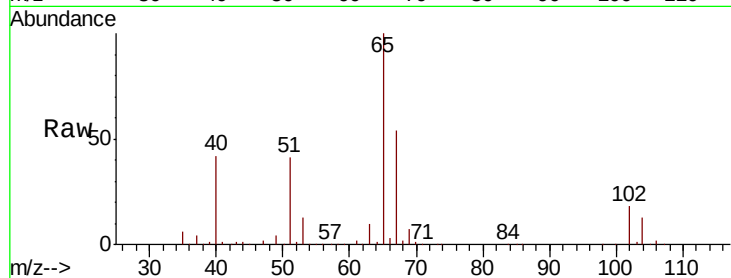
SHORE-RD-CLVRT-STLD-2H-B

Tot Ion: 65 Resp: 89760

Ion Ratio Lower Upper

65 100

67 53.3 42.9 64.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.06

30000

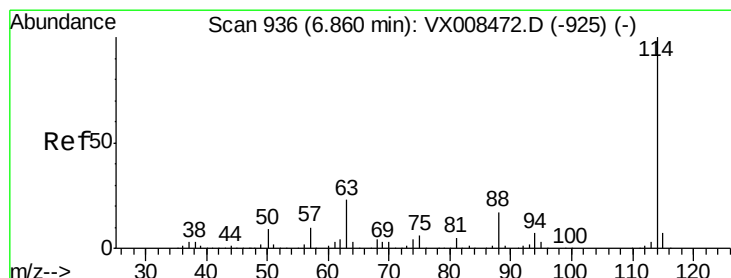
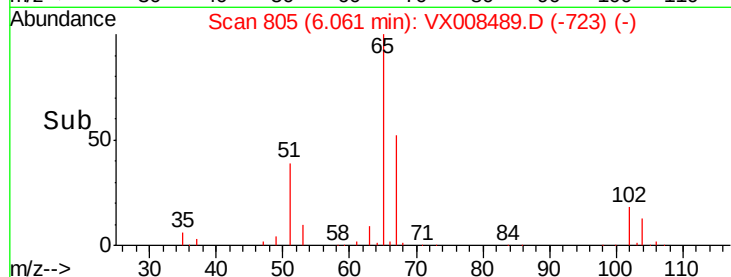
20000

10000

0

Time-->

6.00 6.10 6.20



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008489.D

Acq: 27 Mar 2019 17:48

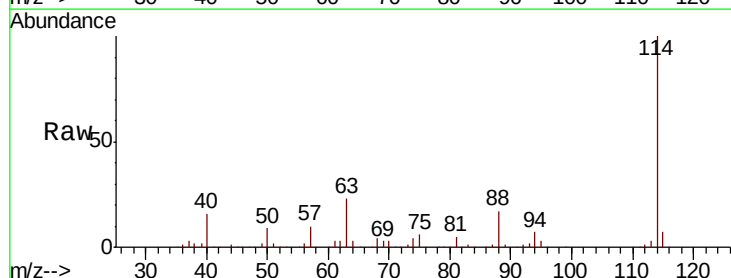
Tgt Ion: 114 Resp: 203470

Ion Ratio Lower Upper

114 100

63 23.7 14.2 21.4#

88 17.2 11.9 17.9



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

6.86

120000

100000

80000

60000

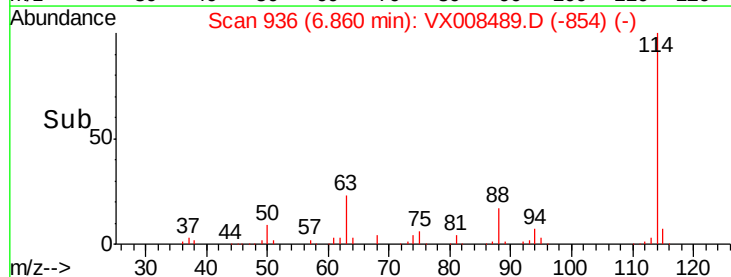
40000

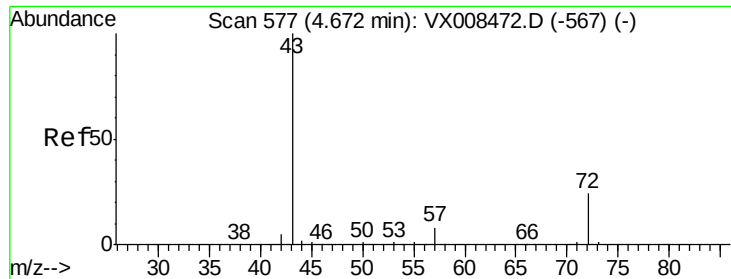
20000

0

Time-->

6.80 6.90

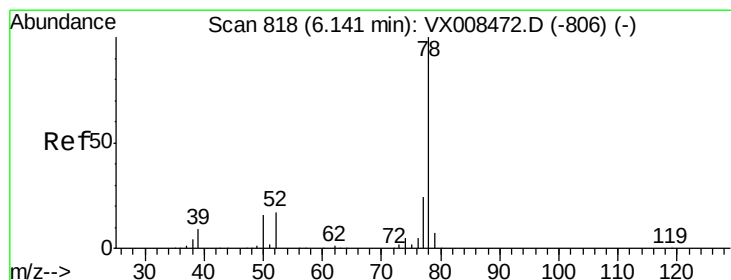
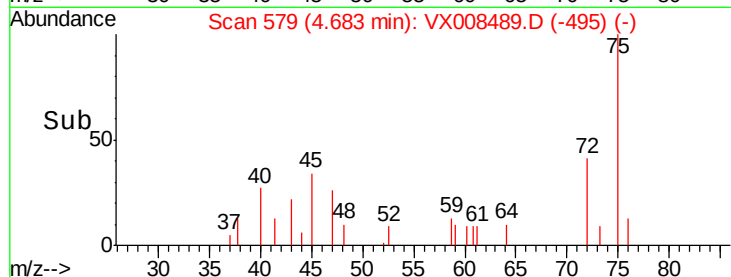
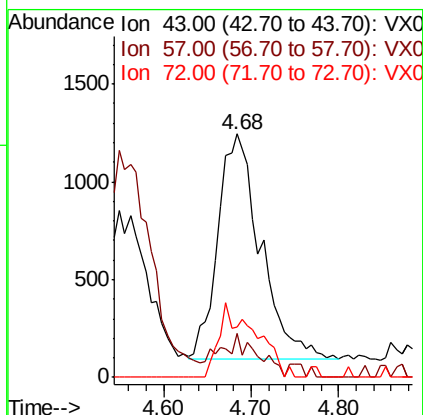
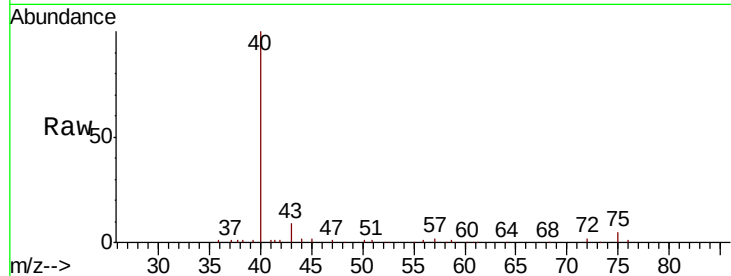




#30
 2-Butanone
 Concen: 1.553 ug/l
 RT: 4.68 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: VX008489.D
 Acq: 27 Mar 2019 17:48

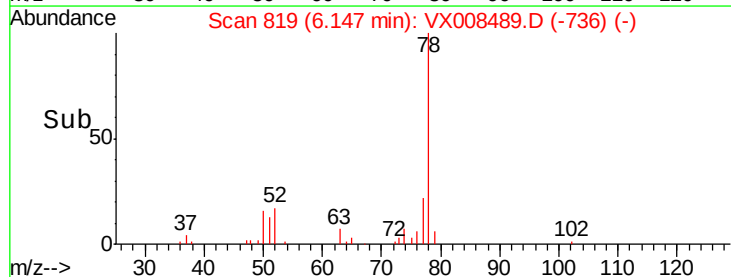
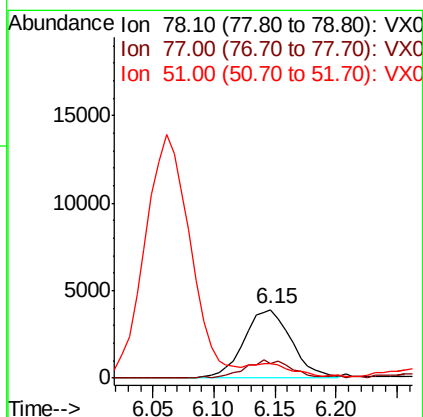
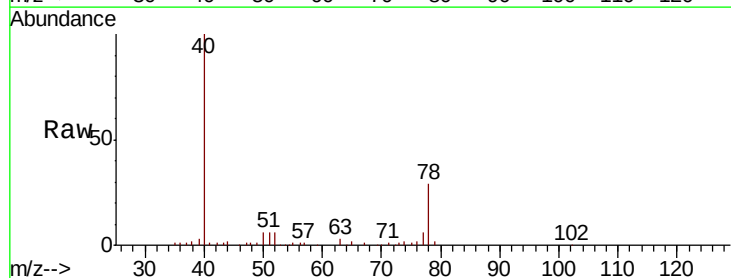
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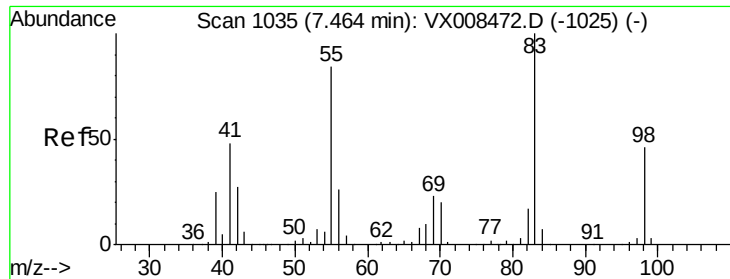
Tot Ion: 43 Resp: 3908
 Ion Ratio Lower Upper
 43 100
 57 2.3 7.0 10.6#
 72 0.0 21.5 32.3#



#34
 Benzene
 Concen: 1.014 ug/l
 RT: 6.15 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: VX008489.D
 Acq: 27 Mar 2019 17:48

Tgt Ion: 78 Resp: 10612
 Ion Ratio Lower Upper
 78 100
 77 22.0 19.1 28.7
 51 15.6 10.8 16.2

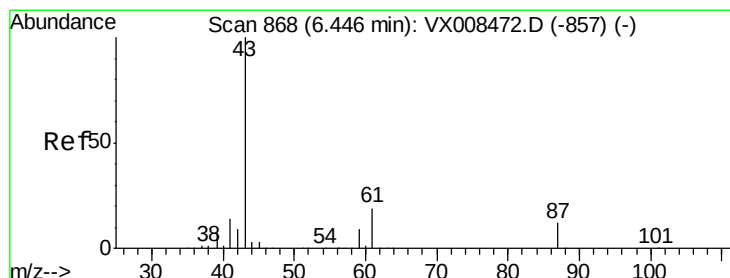
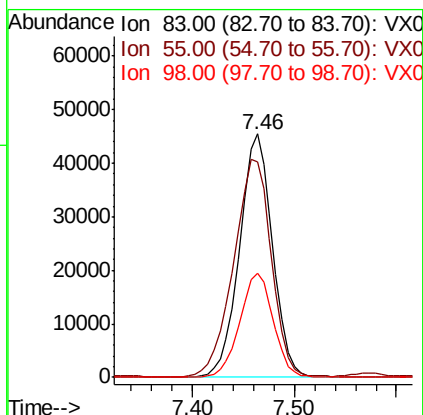
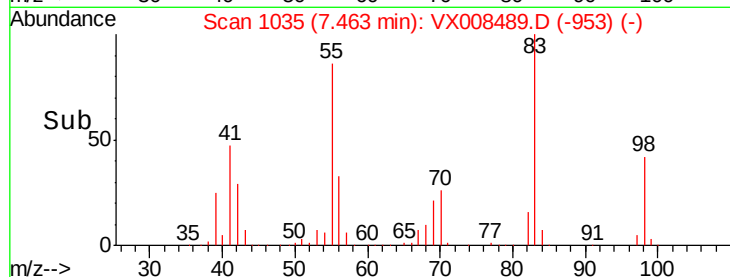
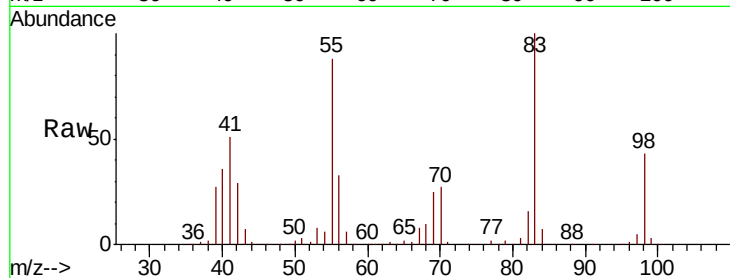




#38
Methylvlcyclohexane
Concen: 23.690 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008489.D
Acq: 27 Mar 2019 17:48

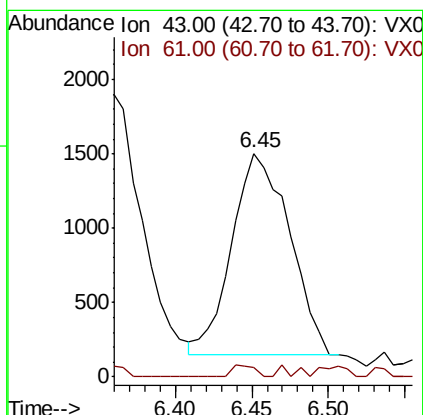
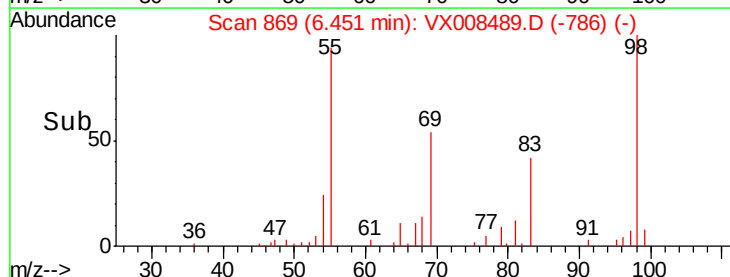
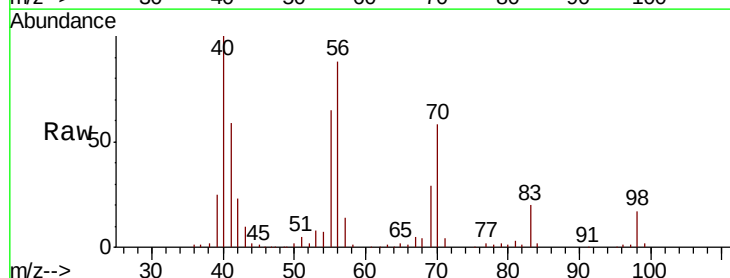
Instrument :
MSVOA_X
ClientSampleId :
SHORE-RD-CLVRT-STLD-2H-B

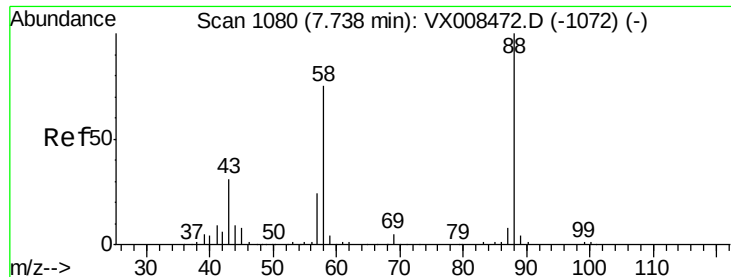
Tot Ion: 83 Resp: 102186
Ion Ratio Lower Upper
83 100
55 101.8 36.0 108.0
98 43.5 23.8 71.4



#44
Isopropyl Acetate
Concen: 0.487 ug/l
RT: 6.45 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX008489.D
Acq: 27 Mar 2019 17:48

Tgt Ion: 43 Resp: 3568
Ion Ratio Lower Upper
43 100
61 2.2 16.1 24.1#





#45

1,4-Dioxane

Concen: 0.576 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.28 min

Lab File: VX008489.D

Acq: 27 Mar 2019 17:48

Instrument :

MSVOA_X

ClientSampleId :

SHORE-RD-CLVRT-STLD-2H-B

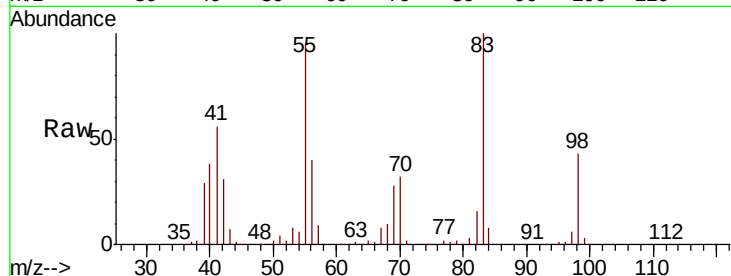
Tot Ion: 88 Resp: 42

Ion Ratio Lower Upper

88 100

43 20497.6 23.6 35.4#

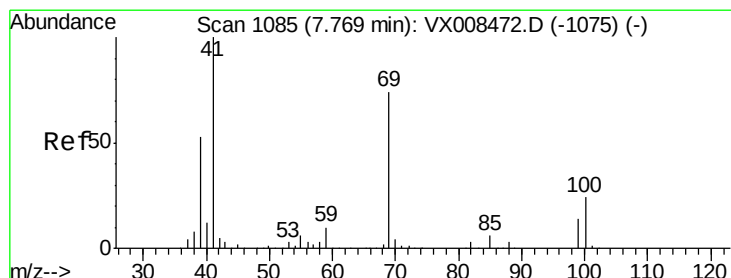
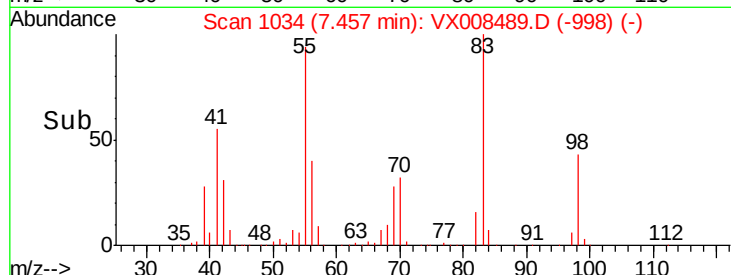
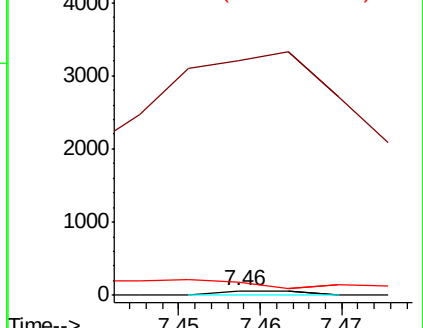
58 435.7 51.6 77.4#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 1.480 ug/l

RT: 7.85 min Scan# 1098

Delta R.T. 0.08 min

Lab File: VX008489.D

Acq: 27 Mar 2019 17:48

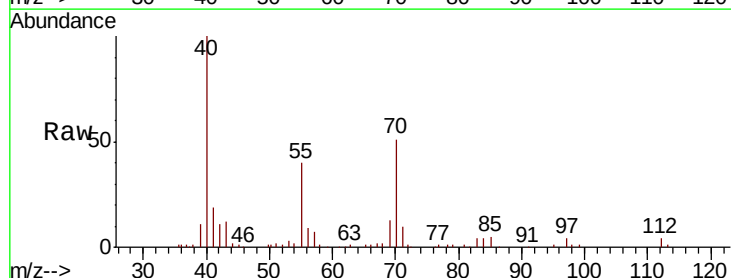
Tgt Ion: 41 Resp: 5507

Ion Ratio Lower Upper

41 100

69 70.9 44.2 132.6

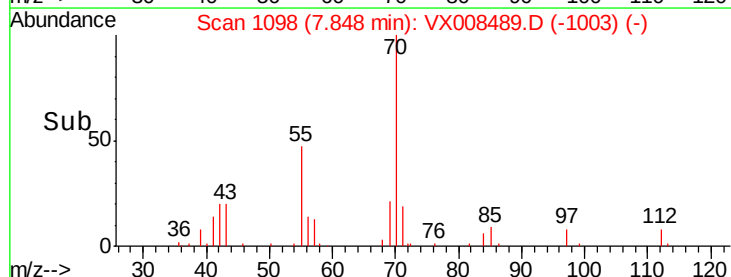
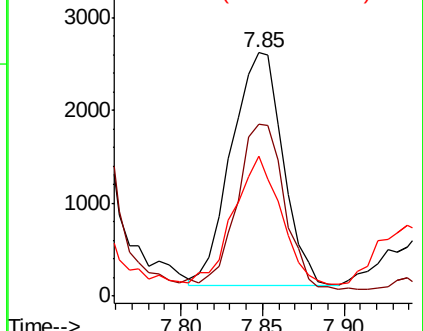
39 55.3 29.9 89.8

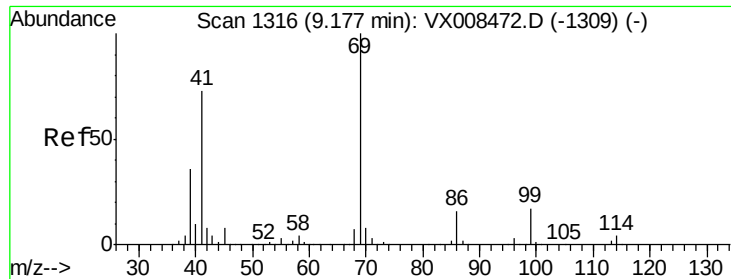


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

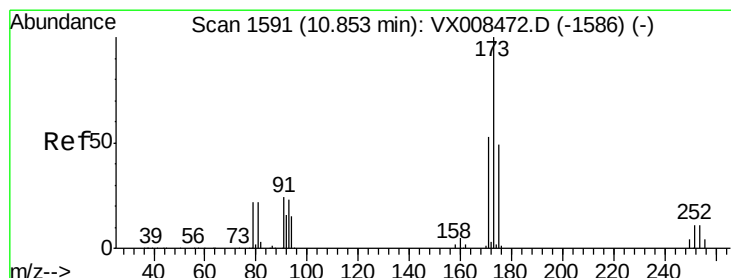
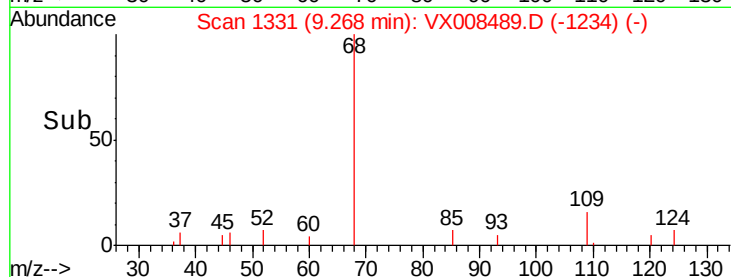
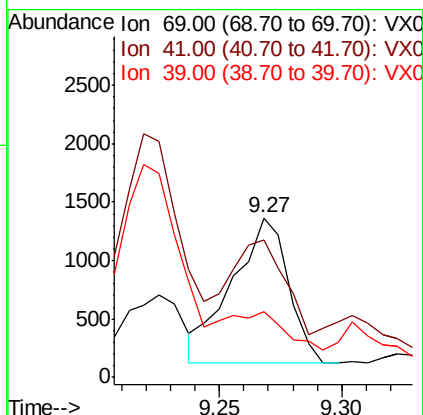
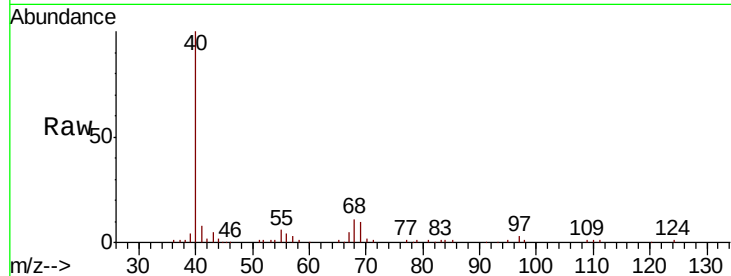




#51
Ethyl methacrylate
Concen: 0.414 ug/l
RT: 9.27 min Scan# 1331
Delta R.T. 0.09 min
Lab File: VX008489.D
Acq: 27 Mar 2019 17:48

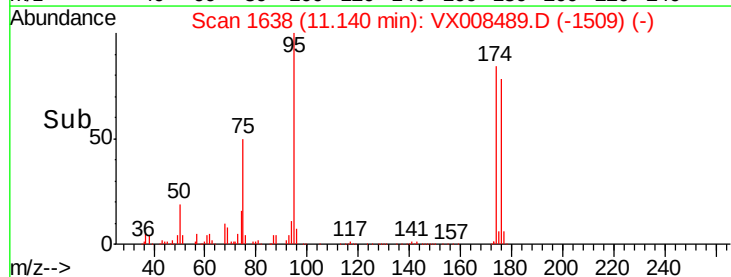
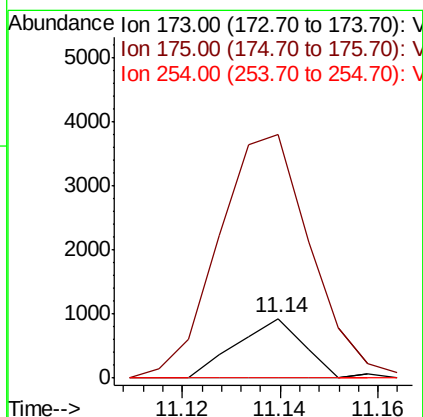
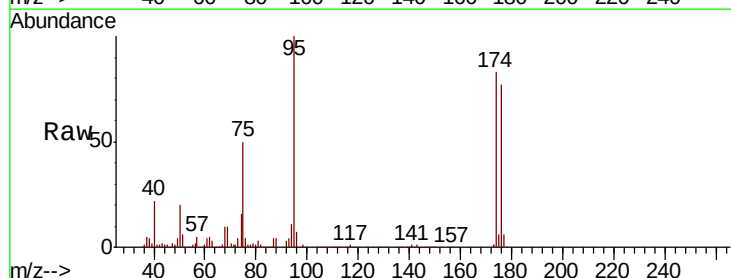
Instrument :
MSVOA_X
ClientSampleId :
SHORE-RD-CLVRT-STLD-2H-B

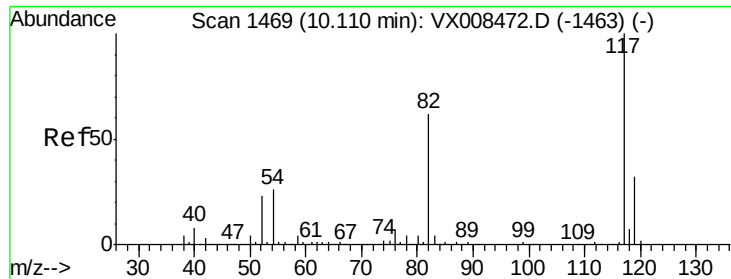
Tot Ion: 69 Resp: 1967
Ion Ratio Lower Upper
69 100
41 56.1 32.1 96.5
39 20.7 18.8 56.3



#56
Bromoform
Concen: 0.478 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.29 min
Lab File: VX008489.D
Acq: 27 Mar 2019 17:48

Tgt Ion: 173 Resp: 875
Ion Ratio Lower Upper
173 100
175 570.2 38.5 57.7#
254 0.0 7.4 11.2#

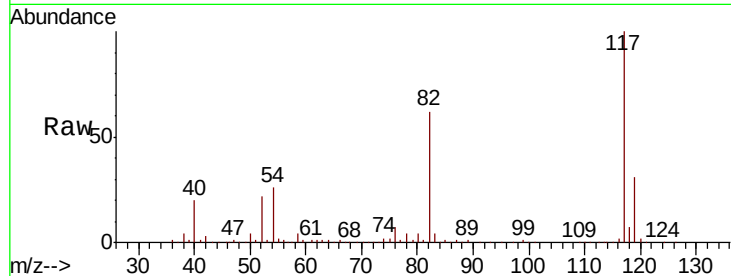




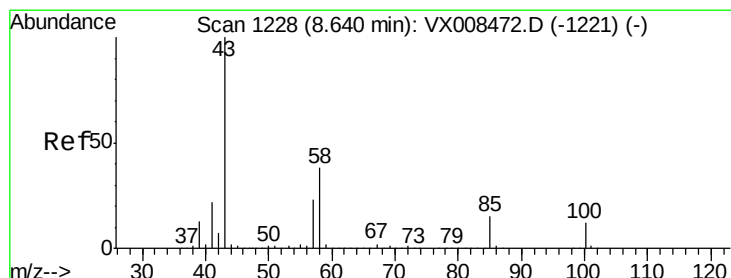
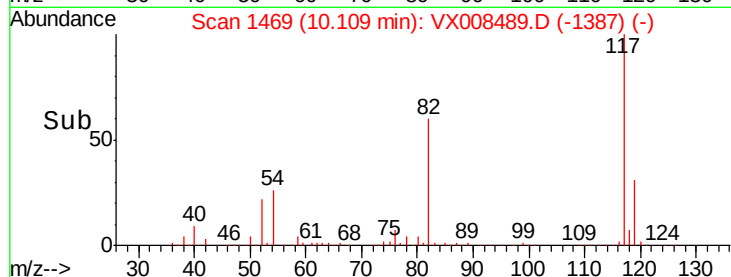
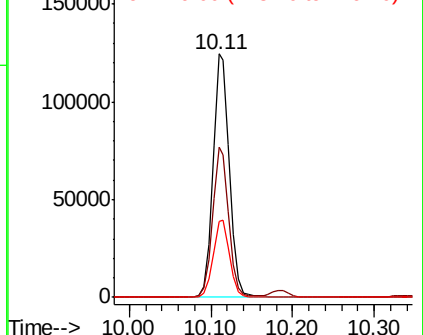
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008489.D
Acq: 27 Mar 2019 17:48

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

Tot Ion:117 Resp: 177698
Ion Ratio Lower Upper
117 100
82 59.7 40.4 60.6
119 32.0 25.8 38.6

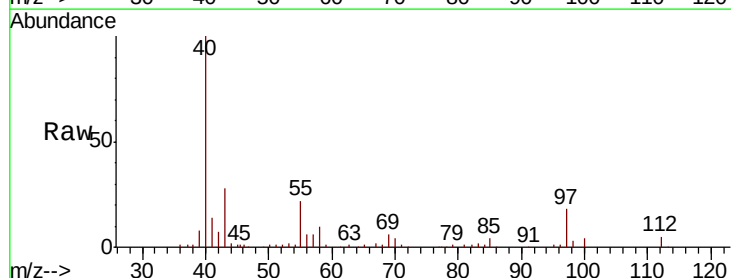


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

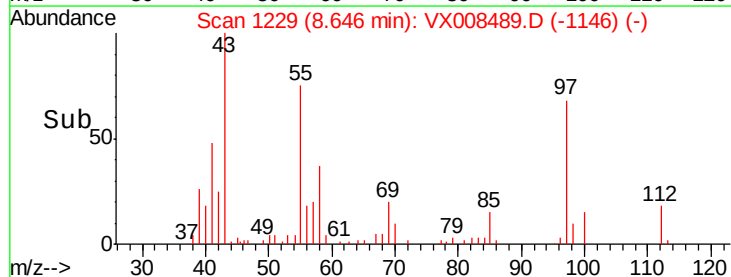
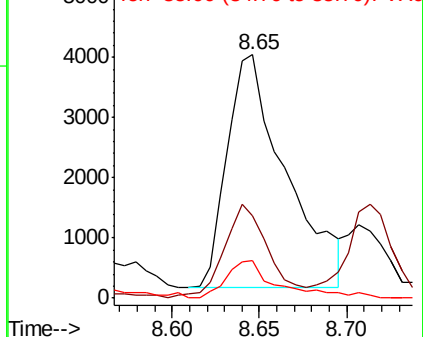


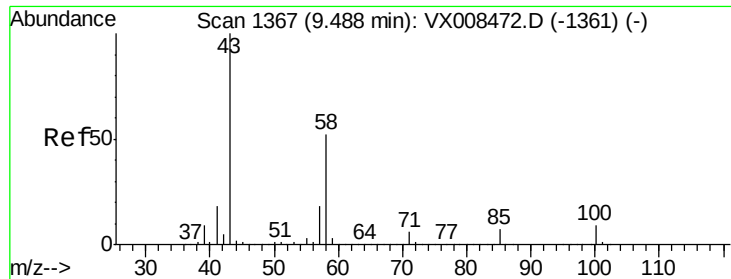
#58
4-Methyl-2-Pentanone
Concen: 1.932 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.01 min
Lab File: VX008489.D
Acq: 27 Mar 2019 17:48

Tgt Ion: 43 Resp: 9055
Ion Ratio Lower Upper
43 100
58 26.5 31.4 47.0#
85 13.7 15.0 22.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

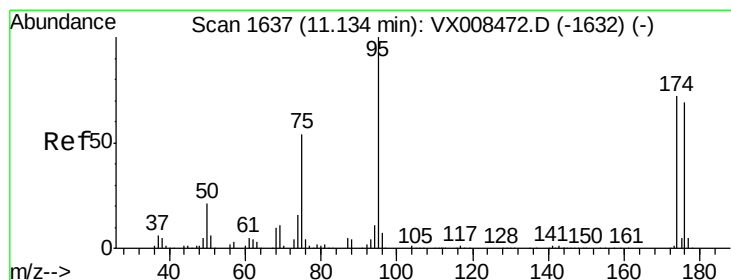
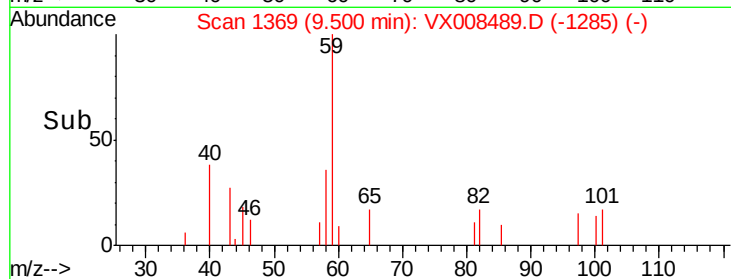
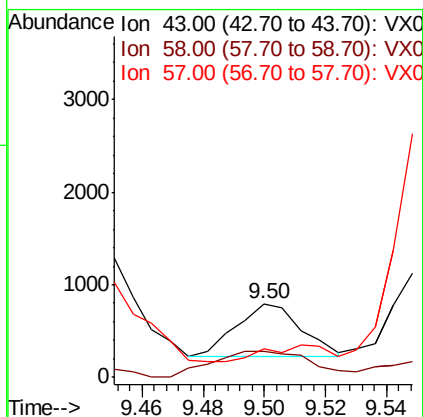
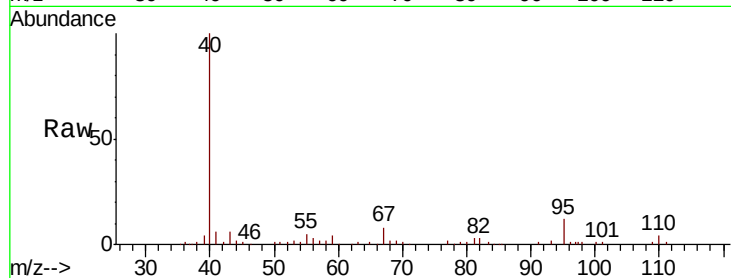




#59
2-Hexanone
Concen: 0.221 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VX008489.D
Acq: 27 Mar 2019 17:48

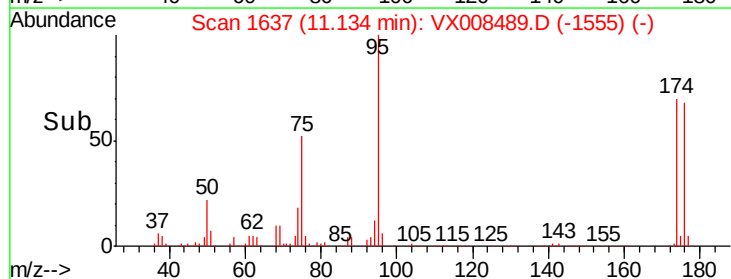
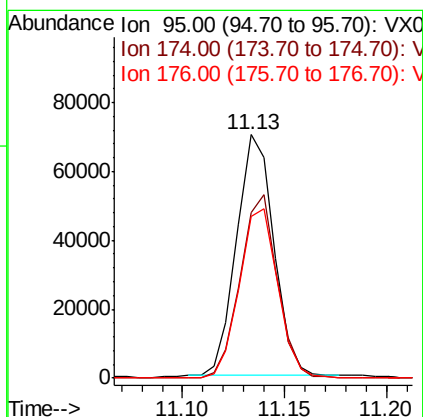
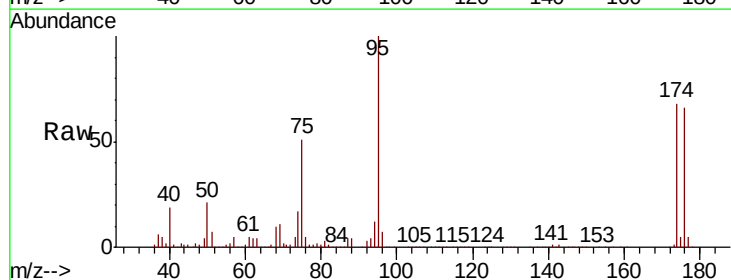
Instrument :
MSVOA_X
ClientSampleId :
SHORE-RD-CLVRT-STLD-2H-B

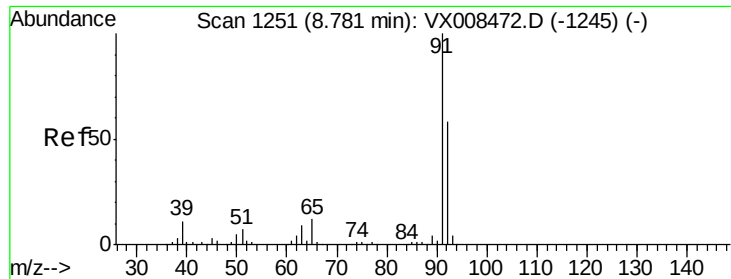
Tot Ion: 43 Resp: 817
Ion Ratio Lower Upper
43 100
58 78.5 43.9 65.9#
57 29.3 14.9 22.3#



#60
4-Bromofluorobenzene
Concen: 28.597 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008489.D
Acq: 27 Mar 2019 17:48

Tgt Ion: 95 Resp: 88538
Ion Ratio Lower Upper
95 100
174 76.5 74.9 112.3
176 73.1 70.7 106.1





#62

Toluene

Concen: 0.390 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX008489.D

Acq: 27 Mar 2019 17:48

Instrument :

MSVOA_X

ClientSampleId :

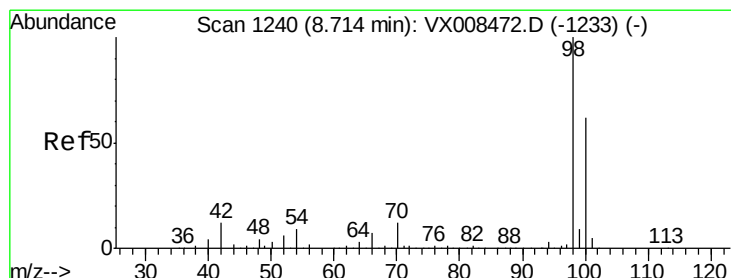
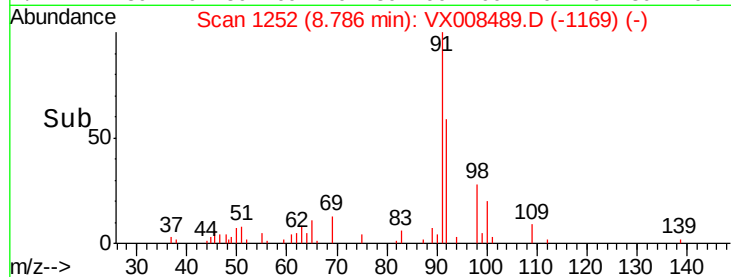
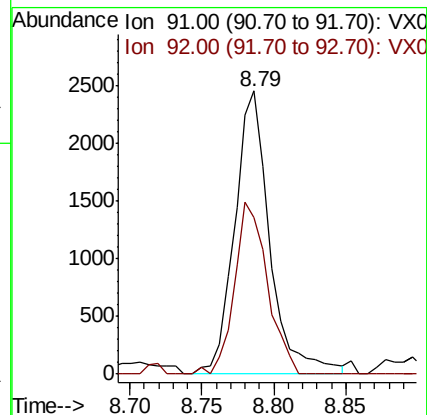
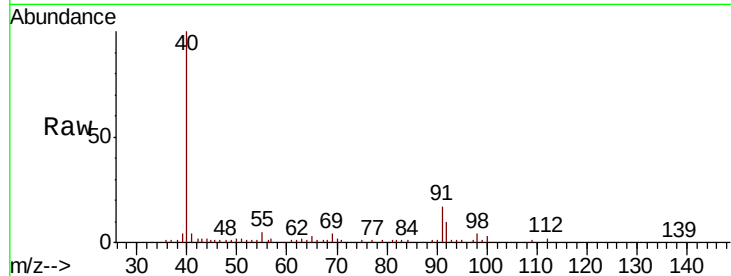
SHORE-RD-CLVRT-STLD-2H-B

Tot Ion: 91 Resp: 4197

Ion Ratio Lower Upper

91 100

92 55.8 46.4 69.6



#63

Toluene-d8

Concen: 30.699 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008489.D

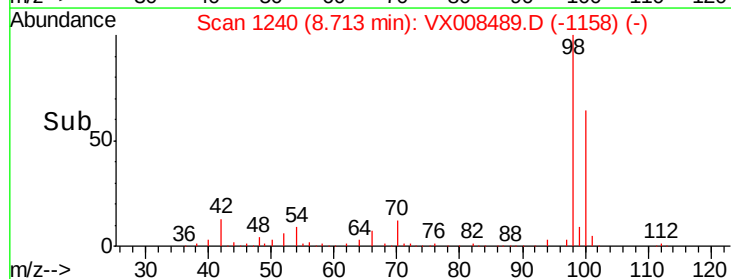
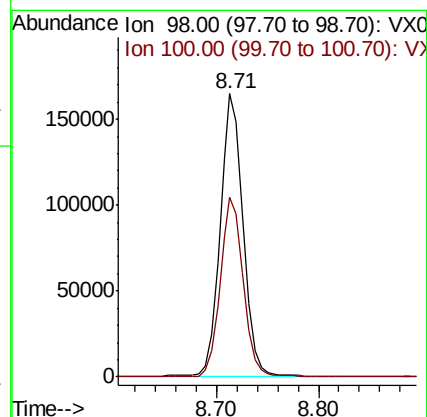
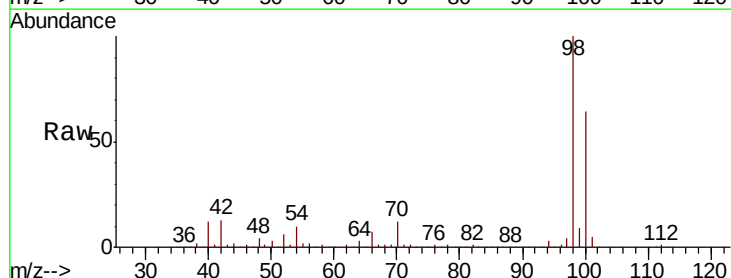
Acq: 27 Mar 2019 17:48

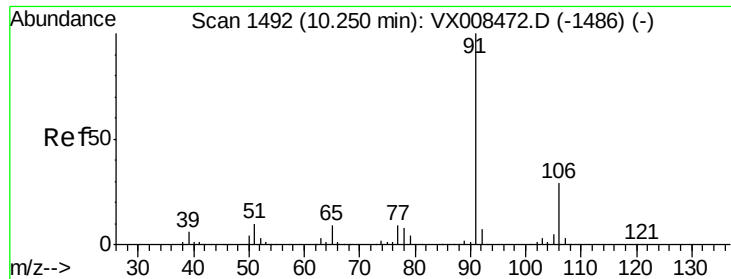
Tgt Ion: 98 Resp: 258942

Ion Ratio Lower Upper

98 100

100 63.2 50.9 76.3





#66

Ethyl Benzene

Concen: 0.871 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008489.D

Acq: 27 Mar 2019 17:48

Instrument :

MSVOA_X

ClientSampleId :

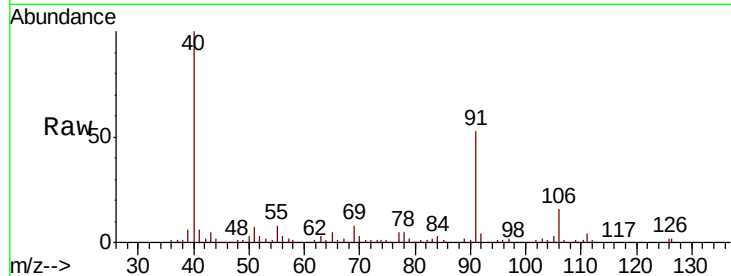
SHORE-RD-CLVRT-STLD-2H-B

Tot Ion: 91 Resp: 10400

Ion Ratio Lower Upper

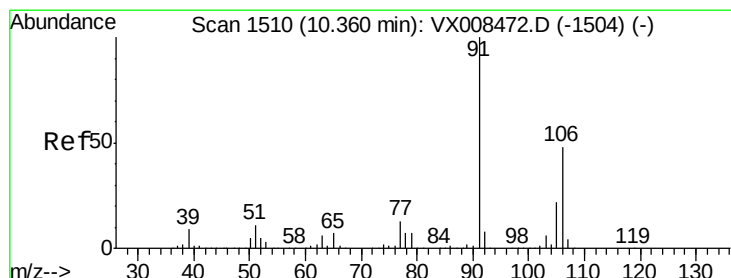
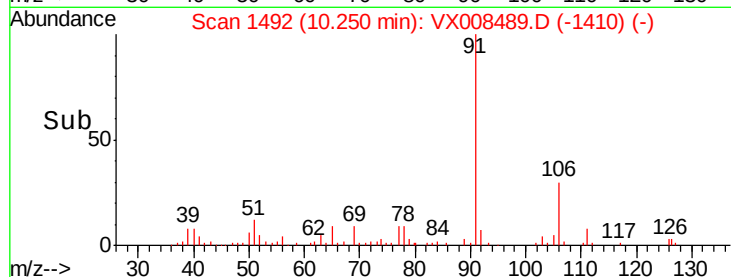
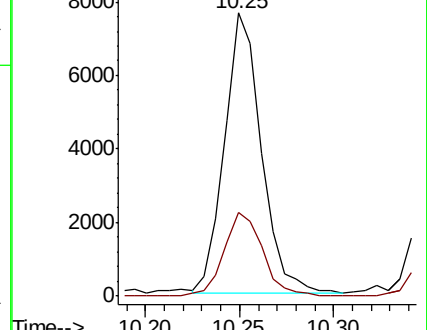
91 100

106 29.8 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VX008472.D (-1486) (-)

Ion 106.00 (105.70 to 106.70): VX008472.D (-1486) (-)



#67

m/p-Xylenes

Concen: 1.243 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX008489.D

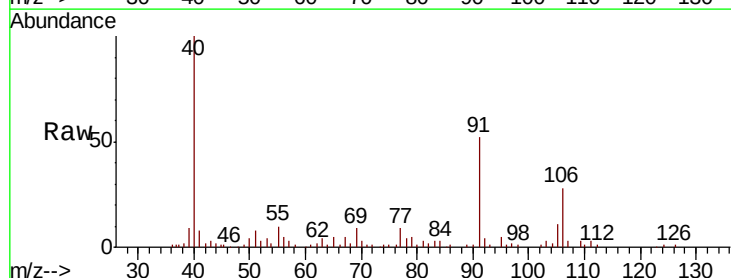
Acq: 27 Mar 2019 17:48

Tgt Ion: 106 Resp: 5413

Ion Ratio Lower Upper

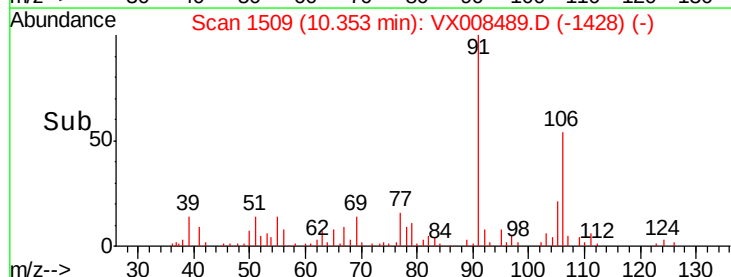
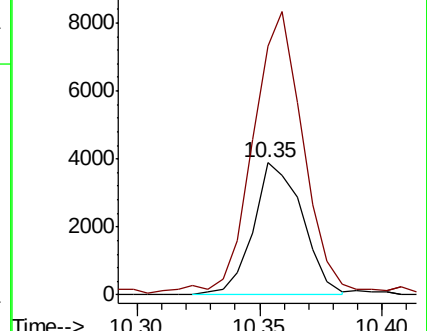
106 100

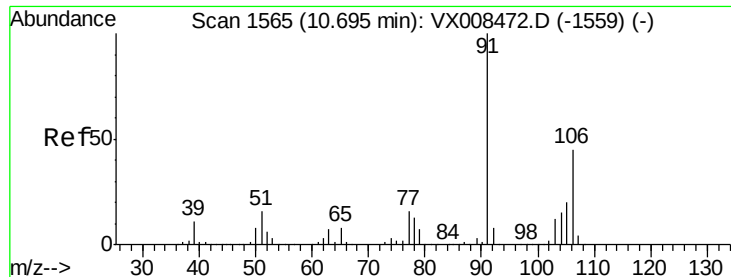
91 215.0 157.0 235.4



Abundance Ion 106.00 (105.70 to 106.70): VX008472.D (-1504) (-)

Ion 91.00 (90.70 to 91.70): VX008472.D (-1504) (-)

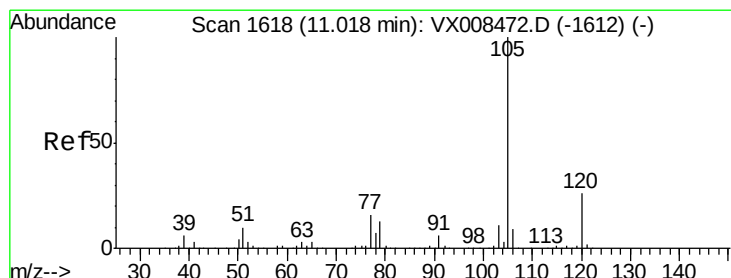
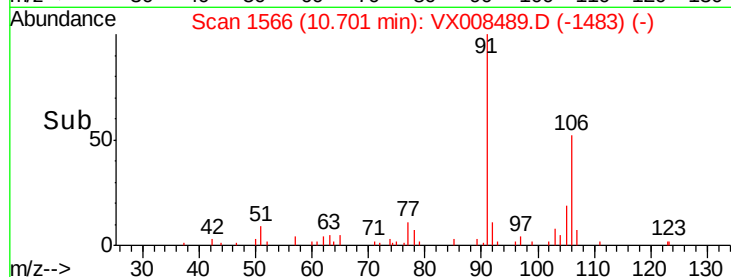
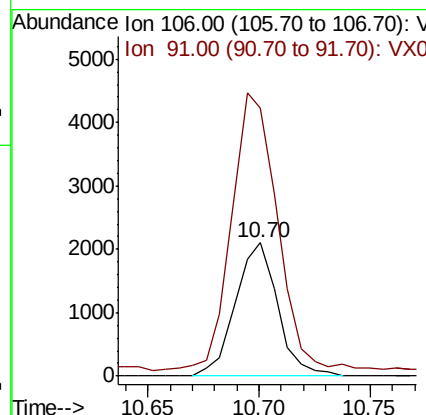
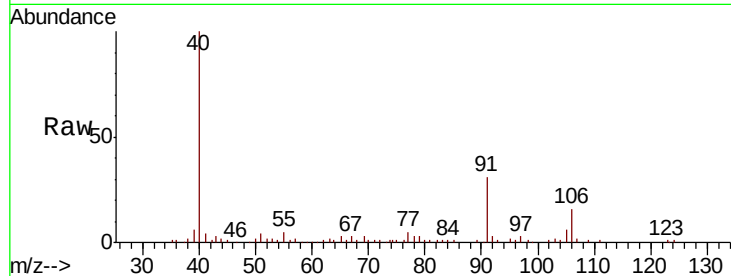




#68
o-Xylene
Concen: 0.652 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008489.D
Acq: 27 Mar 2019 17:48

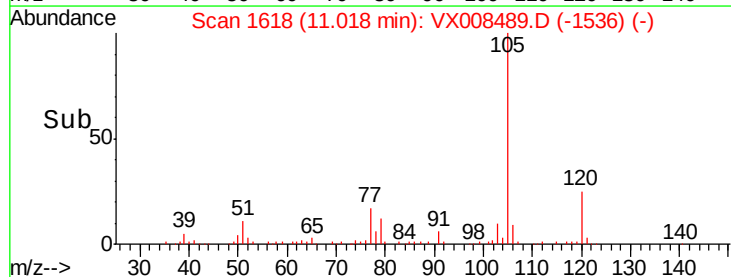
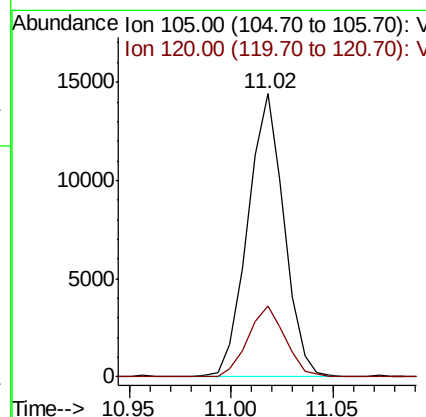
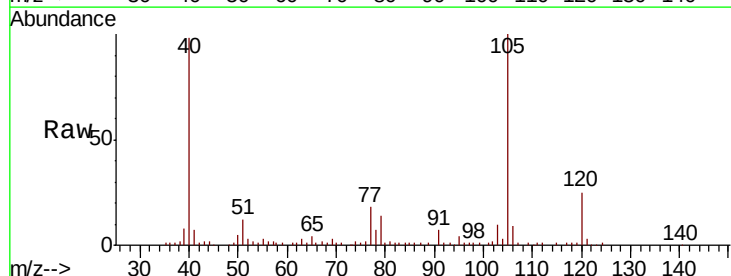
Instrument :
MSVOA_X
ClientSampleId :
SHORE-RD-CLVRT-STLD-2H-B

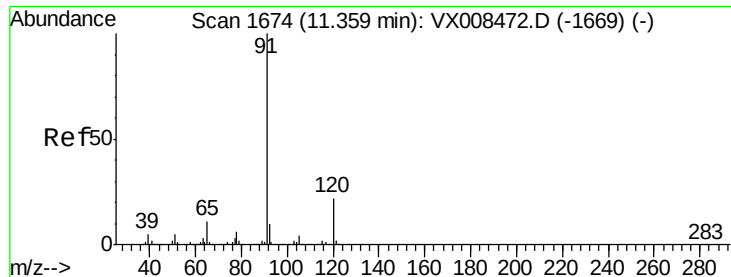
Tot Ion:106 Resp: 2781
Ion Ratio Lower Upper
106 100
91 225.5 104.4 313.2



#70
Isopropylbenzene
Concen: 1.584 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008489.D
Acq: 27 Mar 2019 17:48

Tgt Ion:105 Resp: 17807
Ion Ratio Lower Upper
105 100
120 25.7 19.8 36.8





#74

n-propylbenzene

Concen: 5.077 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008489.D

Acq: 27 Mar 2019 17:48

Instrument :

MSVOA_X

ClientSampleId :

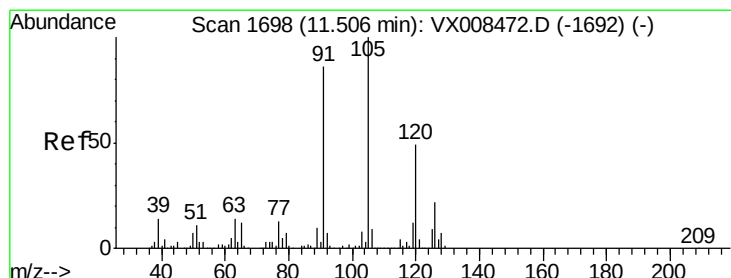
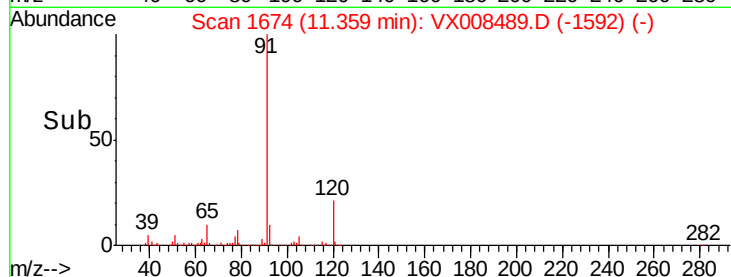
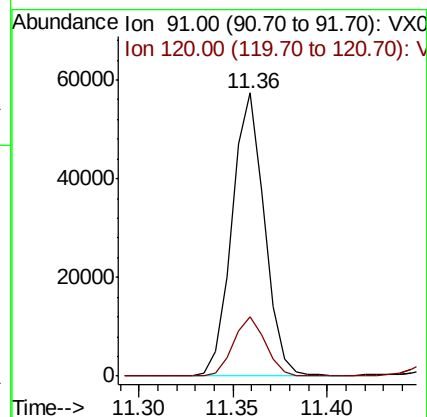
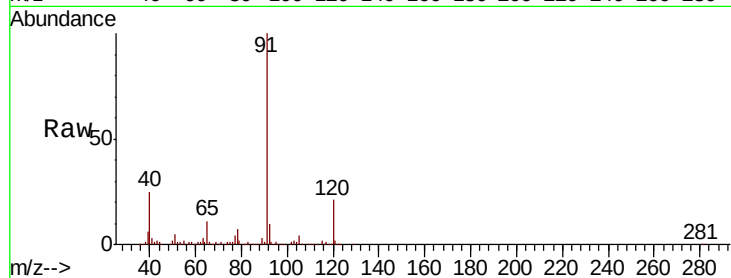
SHORE-RD-CLVRT-STLD-2H-B

Tot Ion: 91 Resp: 68010

Ion Ratio Lower Upper

91 100

120 20.9 0.0 48.6



#76

1,3,5-Trimethylbenzene

Concen: 4.258 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008489.D

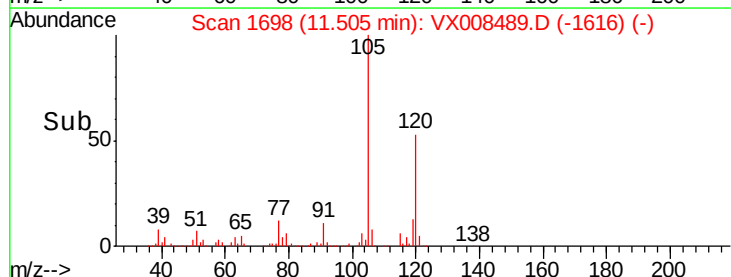
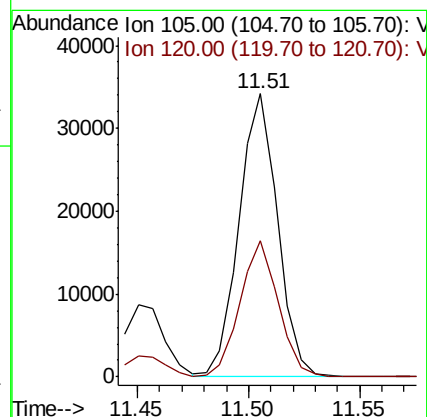
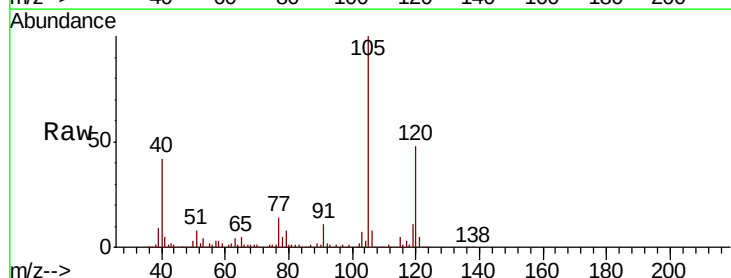
Acq: 27 Mar 2019 17:48

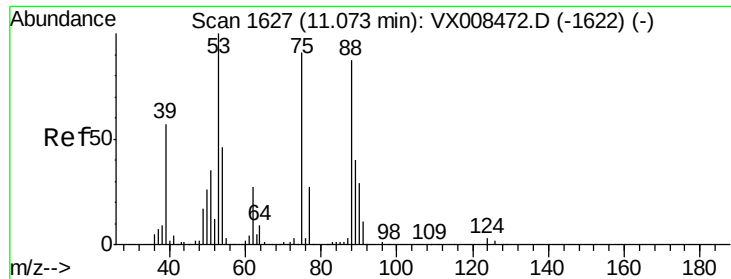
Tgt Ion: 105 Resp: 40930

Ion Ratio Lower Upper

105 100

120 48.2 0.0 101.0

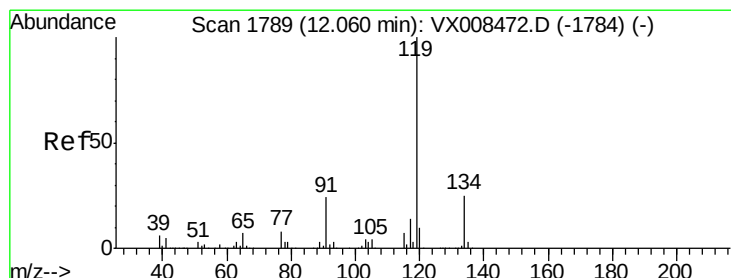
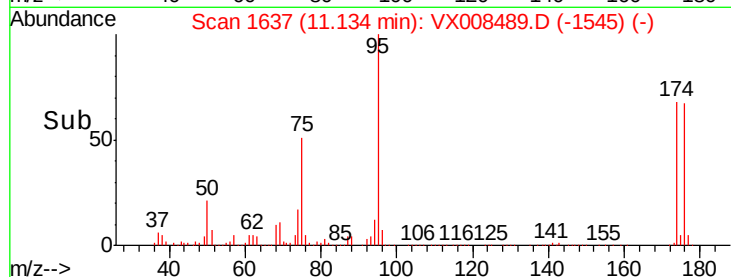
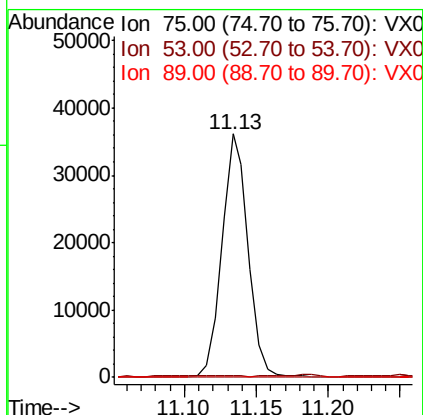
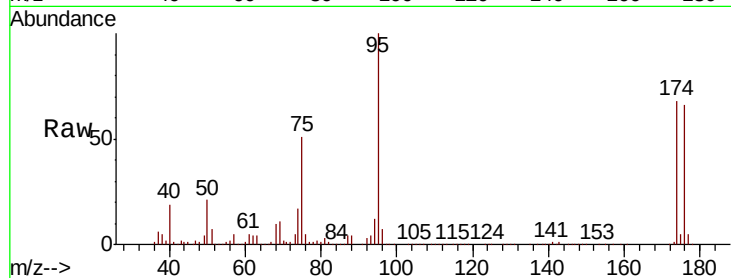




#77
t-1,4-Dichloro-2-butene
Concen: 33.752 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008489.D
Acq: 27 Mar 2019 17:48

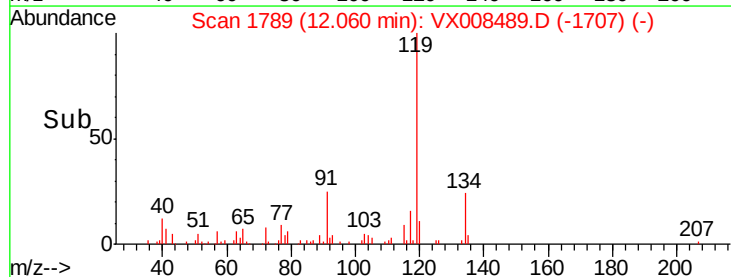
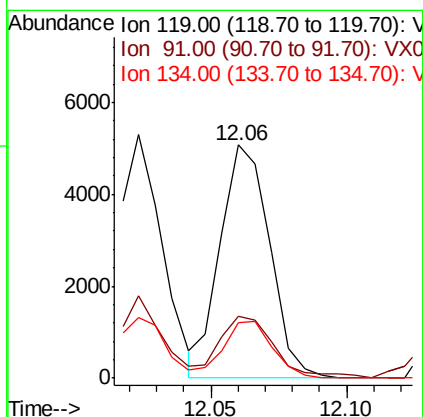
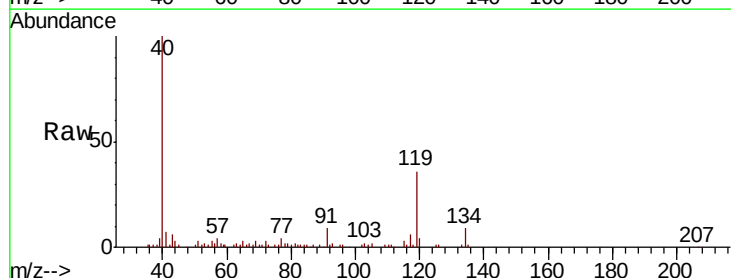
Instrument :
MSVOA_X
ClientSampleId :
SHORE-RD-CLVRT-STLD-2H-B

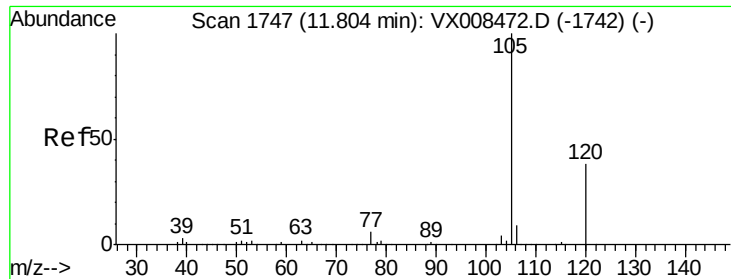
Tot Ion: 75 Resp: 45965
Ion Ratio Lower Upper
75 100
53 0.1 55.5 166.7#
89 0.0 24.4 73.2#



#79
tert-butylbenzene
Concen: 0.653 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008489.D
Acq: 27 Mar 2019 17:48

Tgt Ion: 119 Resp: 6411
Ion Ratio Lower Upper
119 100
91 29.7 0.0 45.0
134 24.3 0.0 55.4

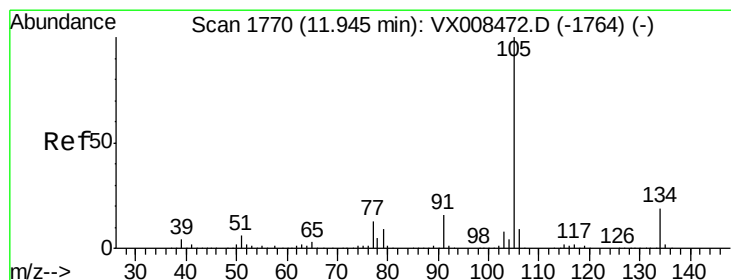
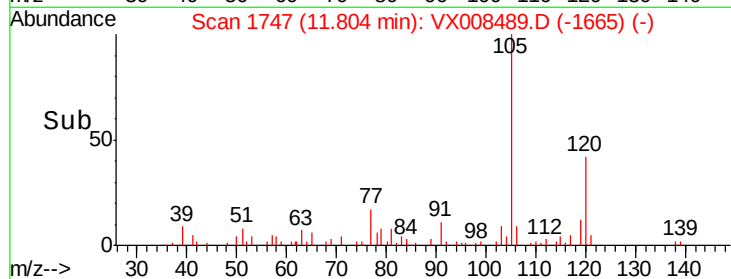
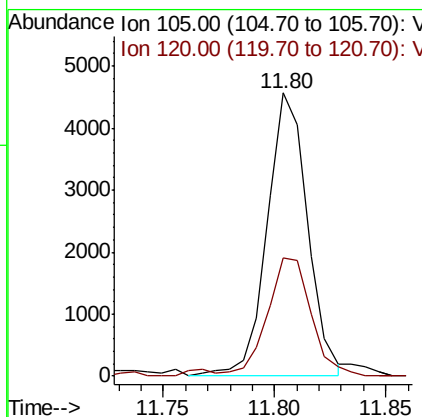
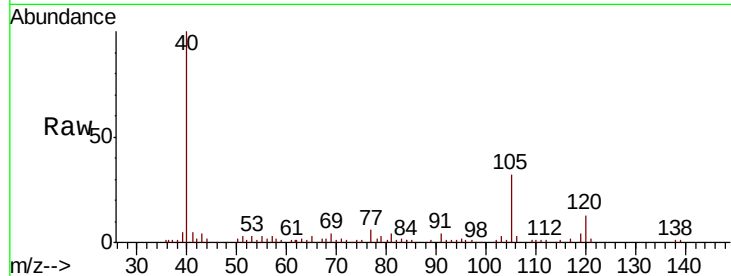




#80
 1,2,4-Trimethylbenzene
 Concen: 0.600 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008489.D
 Acq: 27 Mar 2019 17:48

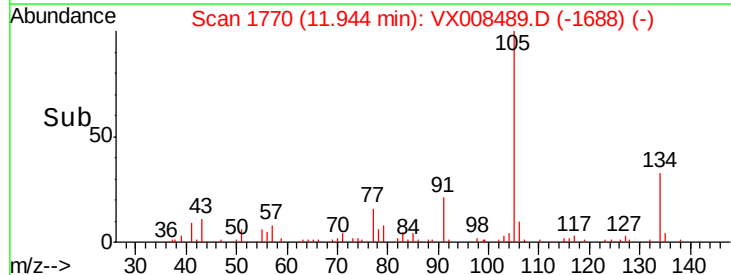
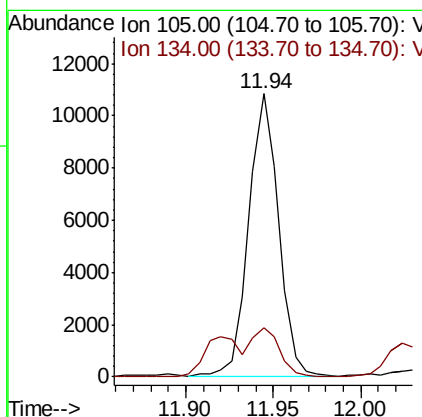
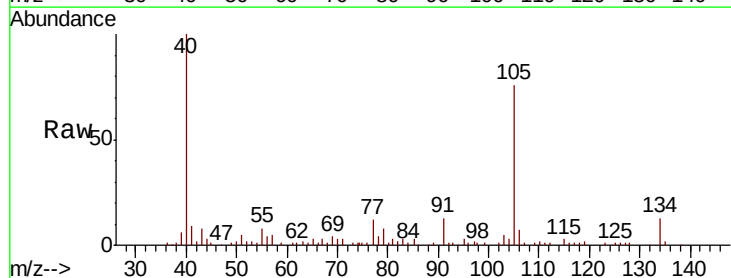
Instrument :
 MSVOA_X
 ClientSampleId :
 SHORE-RD-CLVRT-STLD-2H-B

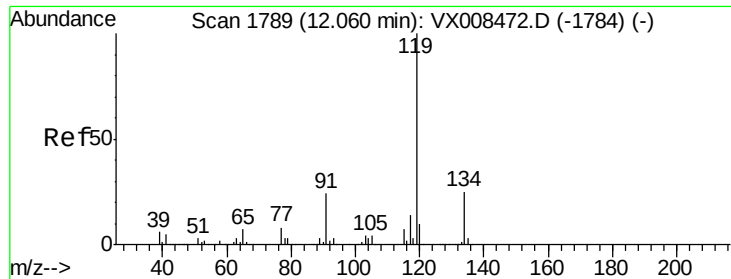
Tot Ion:105 Resp: 5749
 Ion Ratio Lower Upper
 105 100
 120 45.3 0.0 94.0



#81
 sec-Butylbenzene
 Concen: 1.179 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008489.D
 Acq: 27 Mar 2019 17:48

Tgt Ion:105 Resp: 12949
 Ion Ratio Lower Upper
 105 100
 134 16.2 0.0 41.8

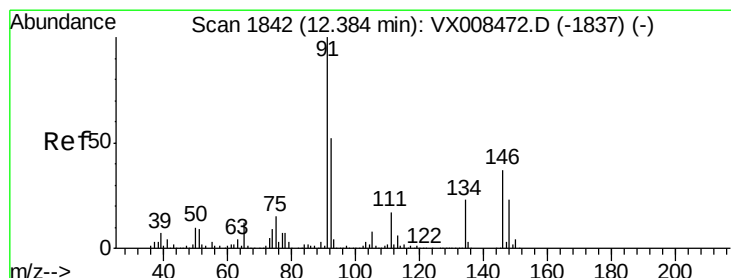
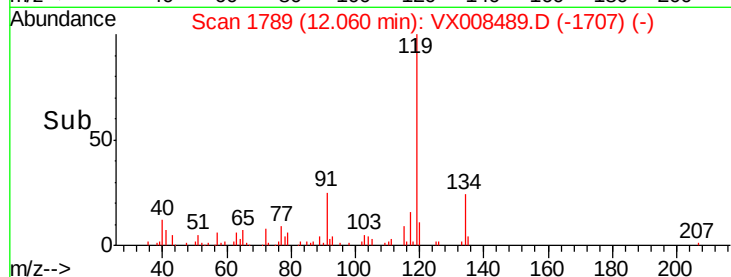
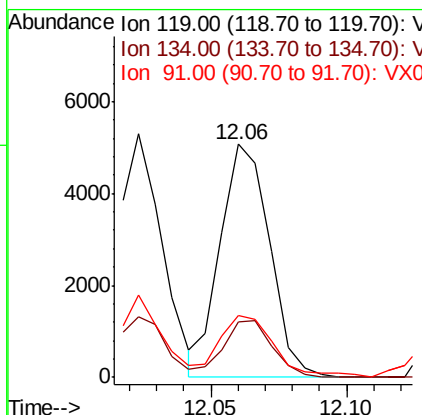
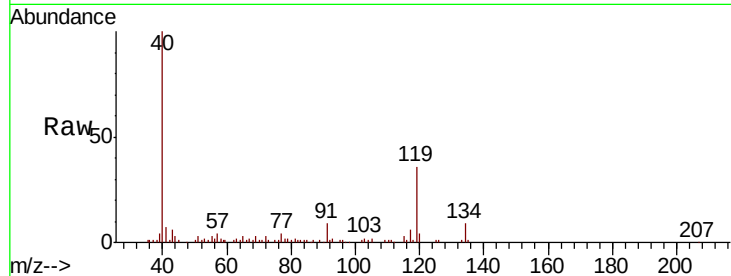




#82
 p-Isopropyltoluene
 Concen: 0.653 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008489.D
 Acq: 27 Mar 2019 17:48

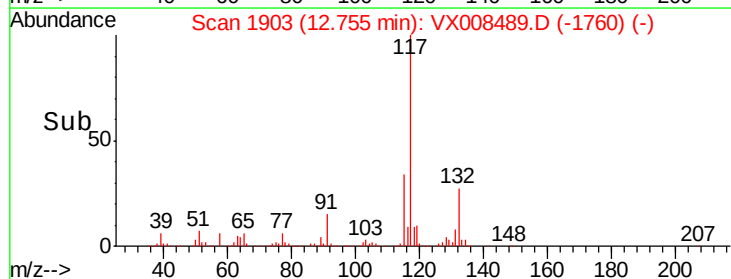
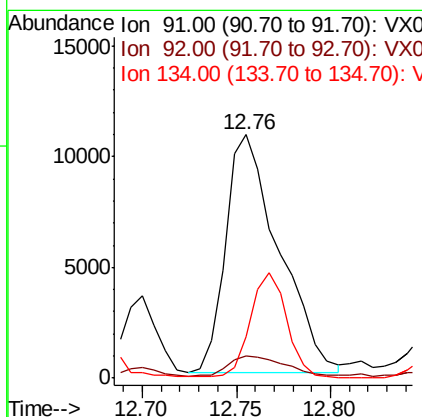
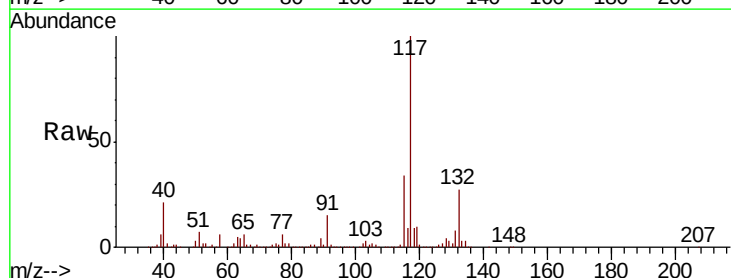
Instrument :
 MSVOA_X
 ClientSampleId :
 SHORE-RD-CLVRT-STLD-2H-B

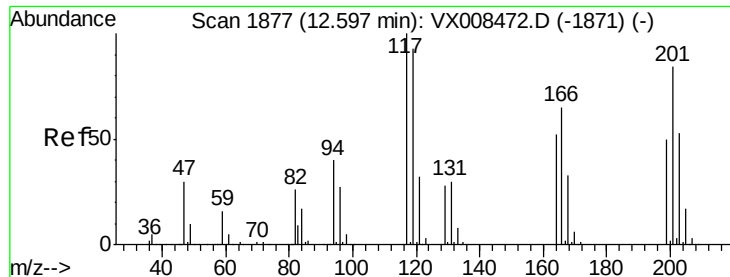
Tot Ion: 119 Resp: 6411
 Ion Ratio Lower Upper
 119 100
 134 24.3 0.0 55.4
 91 29.7 0.0 45.0



#85
 n-Butylbenzene
 Concen: 2.238 ug/l
 RT: 12.76 min Scan# 1903
 Delta R.T. 0.37 min
 Lab File: VX008489.D
 Acq: 27 Mar 2019 17:48

Tgt Ion: 91 Resp: 20888
 Ion Ratio Lower Upper
 91 100
 92 8.3 0.0 105.2
 134 30.9 0.0 56.4





#86

Hexachloroethane

Concen: 1.980 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX008489.D

Acq: 27 Mar 2019 17:48

Instrument :

MSVOA_X

ClientSampleId :

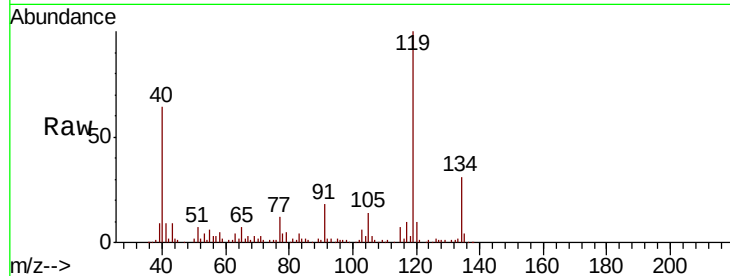
SHORE-RD-CLVRT-STLD-2H-B

Tot Ion:117 Resp: 3249

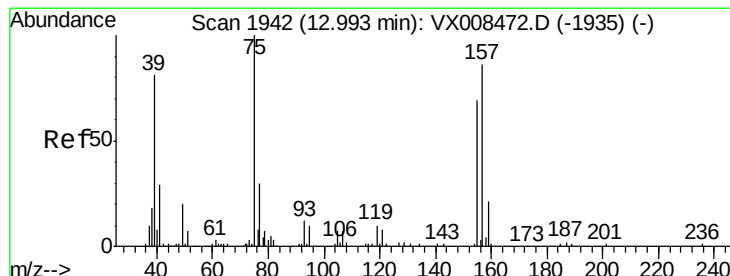
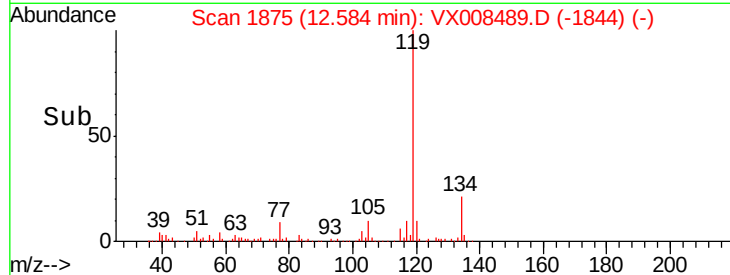
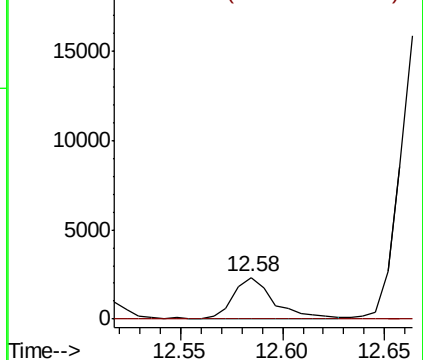
Ion Ratio Lower Upper

117 100

201 0.0 41.1 123.3#



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 201.00 (200.70 to 201.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 0.619 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX008489.D

Acq: 27 Mar 2019 17:48

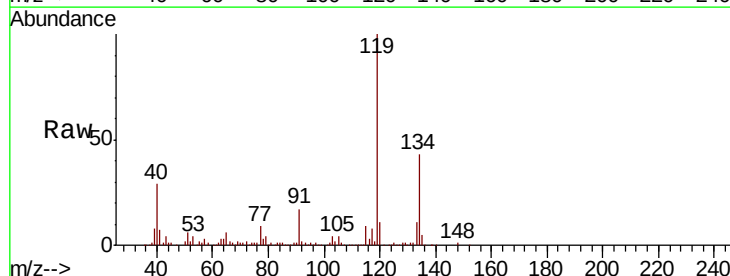
Tgt Ion: 75 Resp: 576

Ion Ratio Lower Upper

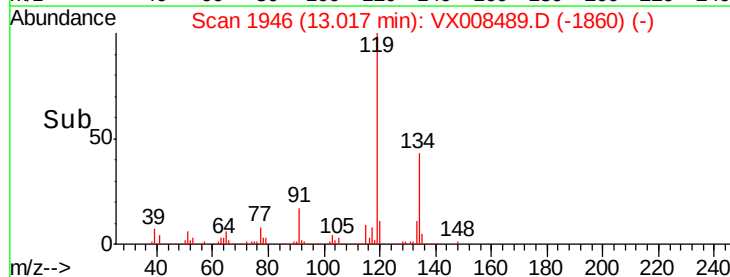
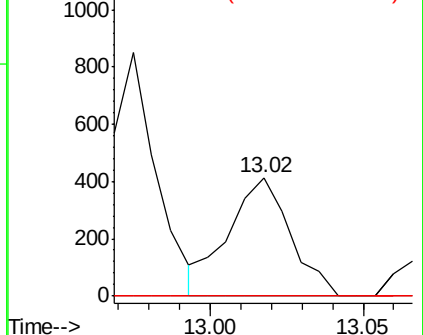
75 100

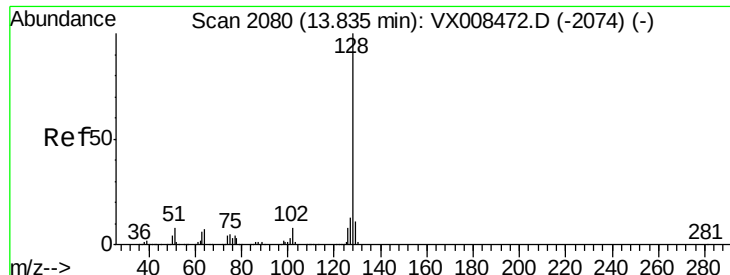
155 0.0 81.0 121.6#

157 0.0 103.2 154.8#



Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 155.00 (154.70 to 155.70): V
Ion 157.00 (156.70 to 157.70): V

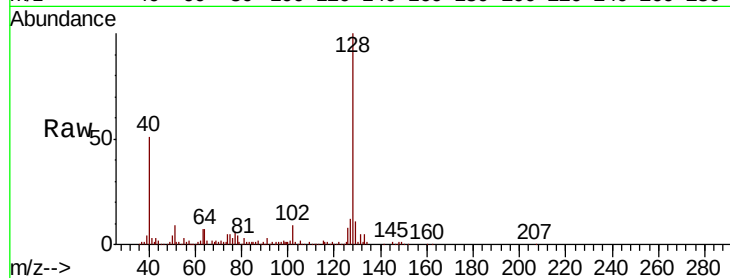




#91
Naphthalene
Concen: 3.139 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008489.D
Acq: 27 Mar 2019 17:48

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.5	15.7
129	12.5	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

