

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
 Data File : VX032691.D
 Acq On : 09 Nov 2022 19:43
 Operator : JC/MD
 Sample : N5551-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2022-11-08

Quant Time: Nov 10 03:07:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

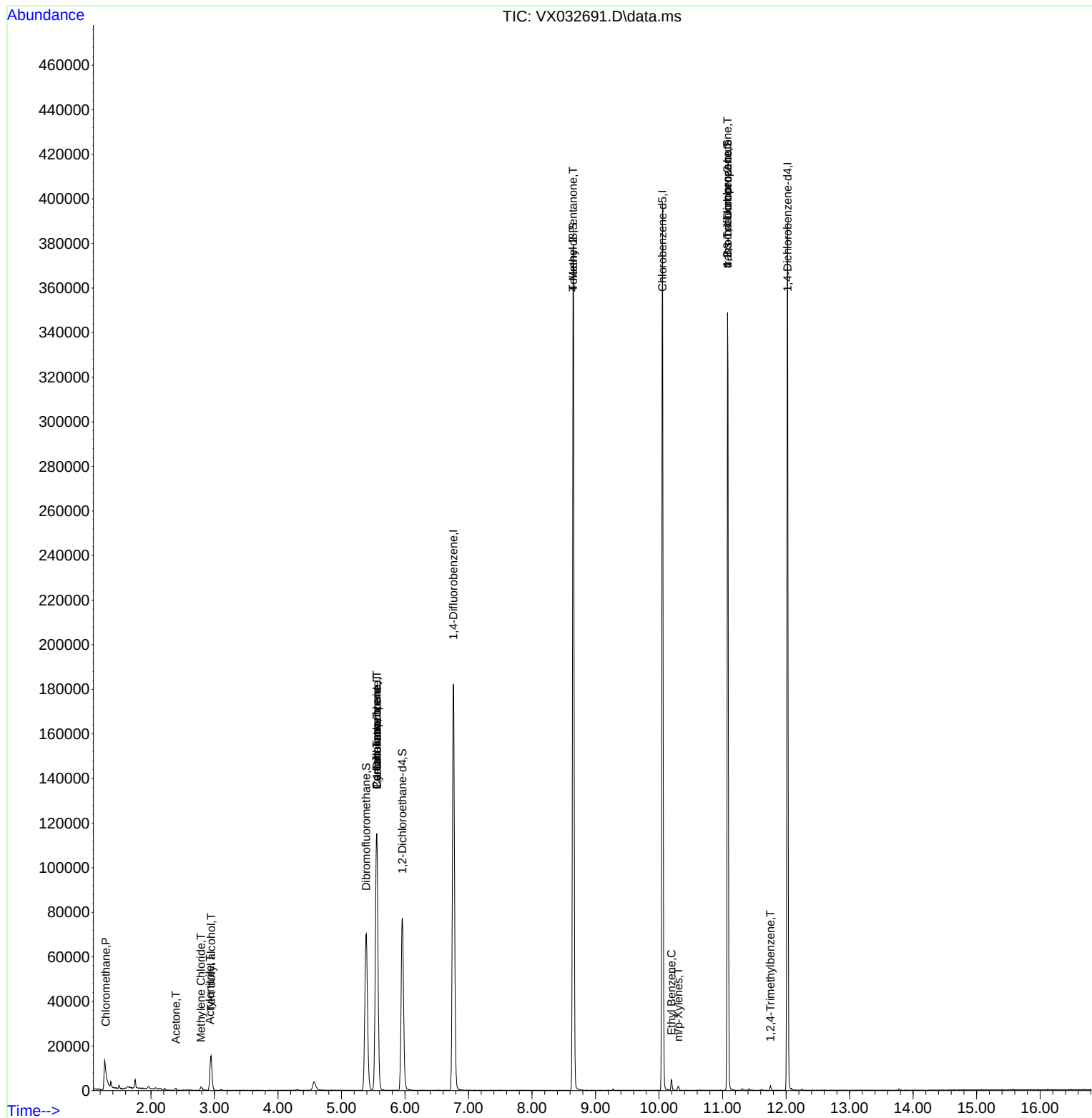
Internal Standards						
1) Pentafluorobenzene	5.556	168	110006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	184737	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78618	51.435	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.860%	
35) Dibromofluoromethane	5.385	113	61633	46.771	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.540%	
50) Toluene-d8	8.647	98	226344	49.397	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.800%	
62) 4-Bromofluorobenzene	11.079	95	87426	48.845	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.680%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	407	0.379	ug/l #	43
11) Tert butyl alcohol	2.946	59	9455	42.500	ug/l #	73
15) Acrylonitrile	2.928	53	124	0.205	ug/l #	17
16) Acetone	2.392	43	1193	2.147	ug/l #	75
20) Methylene Chloride	2.788	84	800	0.628	ug/l #	83
31) Cyclohexane	5.556	56	2346	1.266	ug/l #	19
36) 1,1-Dichloropropene	5.556	75	9057	4.936	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11680	5.739	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1105	0.598	ug/l #	1
67) Ethyl Benzene	10.195	91	2851	0.425	ug/l	99
68) m/p-Xylenes	10.305	106	533	0.204	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	48440	27.355	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	48440	87.045	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.756	105	1161	0.217	ug/l	94

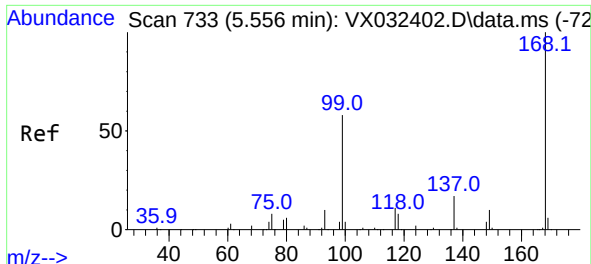
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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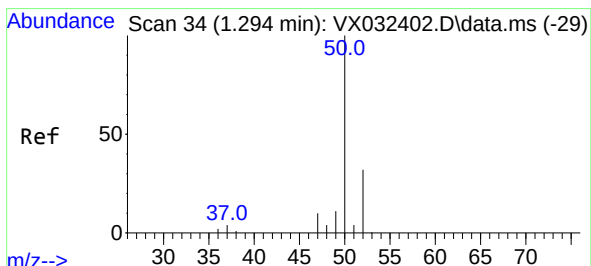
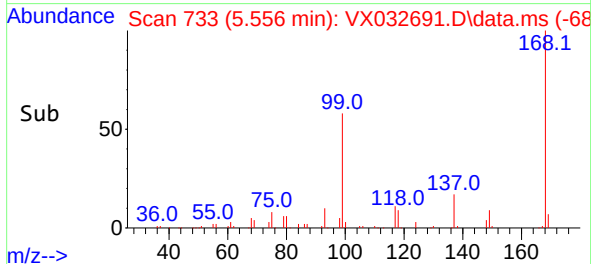
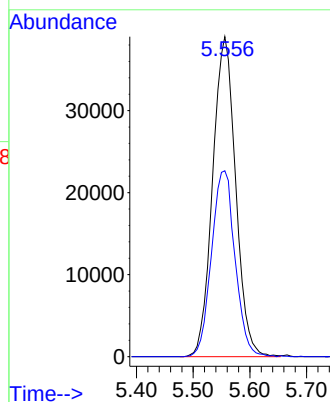
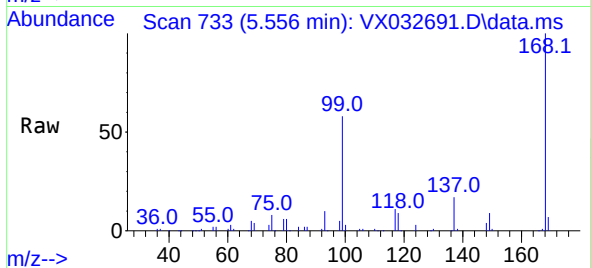




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032691.D
Acq: 09 Nov 2022 19:43

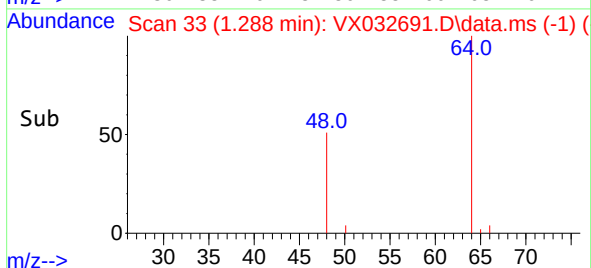
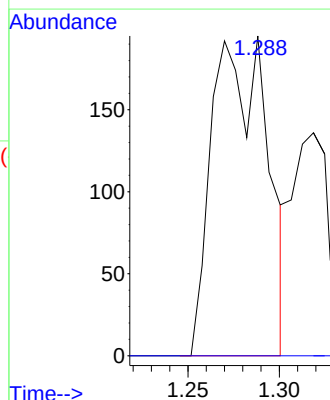
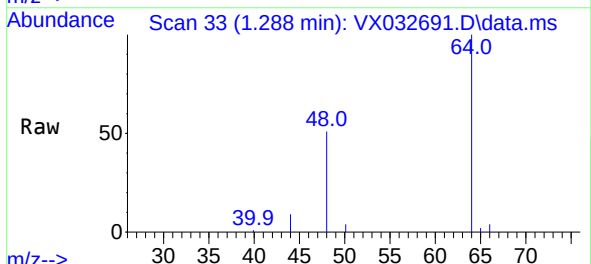
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-11-08

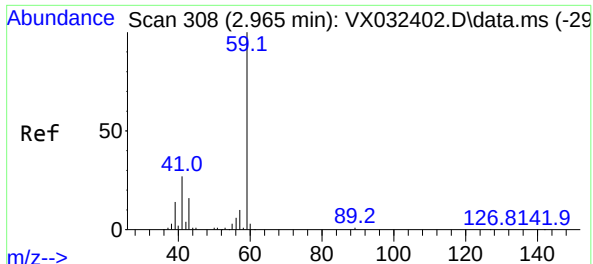
Tgt Ion:168 Resp: 110006
Ion Ratio Lower Upper
168 100
99 58.1 46.1 69.1



#3
Chloromethane
Concen: 0.379 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX032691.D
Acq: 09 Nov 2022 19:43

Tgt Ion: 50 Resp: 407
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

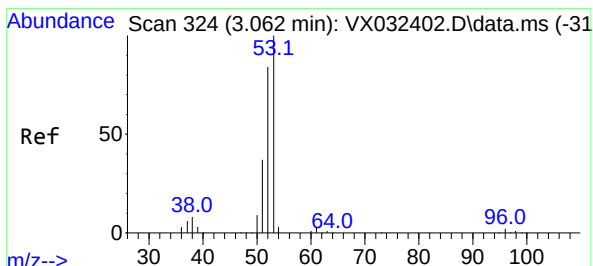
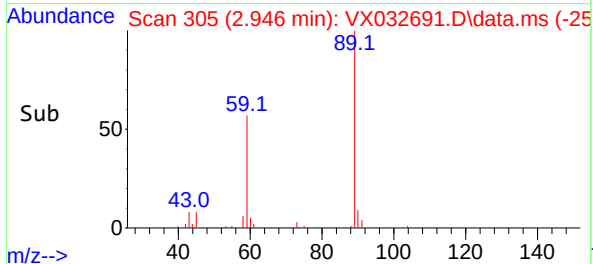
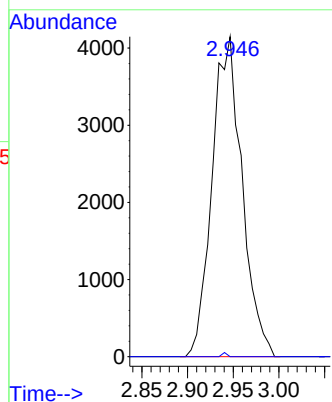
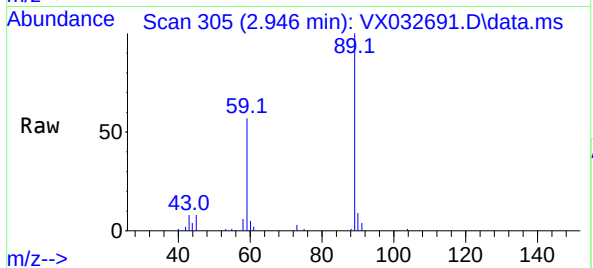




#11
Tert butyl alcohol
Concen: 42.500 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX032691.D
Acq: 09 Nov 2022 19:43

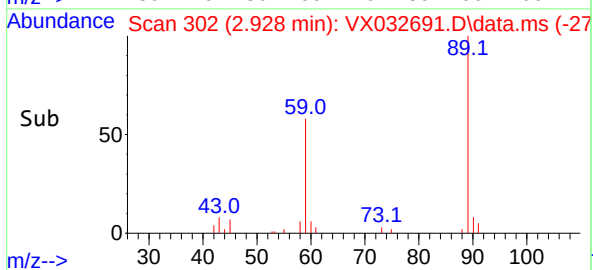
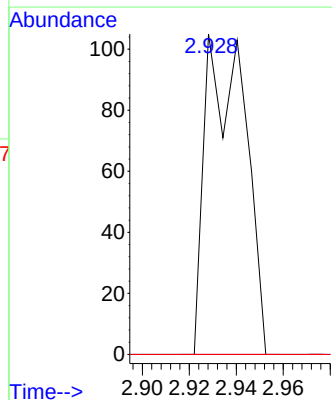
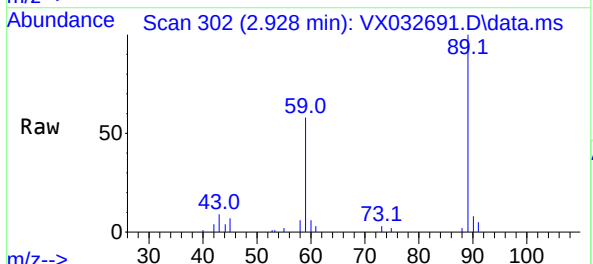
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-11-08

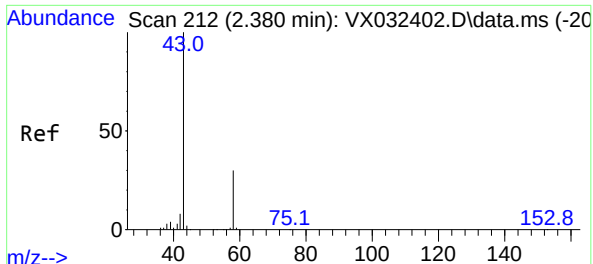
Tgt Ion: 59 Resp: 9455
Ion Ratio Lower Upper
59 100
57 0.2 8.2 12.4#



#15
Acrylonitrile
Concen: 0.205 ug/l
RT: 2.928 min Scan# 302
Delta R.T. -0.134 min
Lab File: VX032691.D
Acq: 09 Nov 2022 19:43

Tgt Ion: 53 Resp: 124
Ion Ratio Lower Upper
53 100
52 0.0 67.4 101.0#
51 0.0 30.3 45.5#

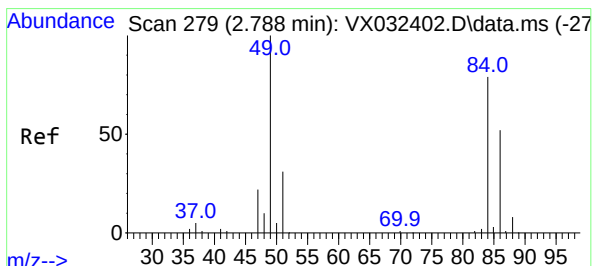
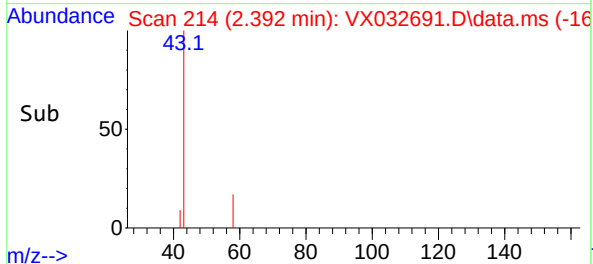
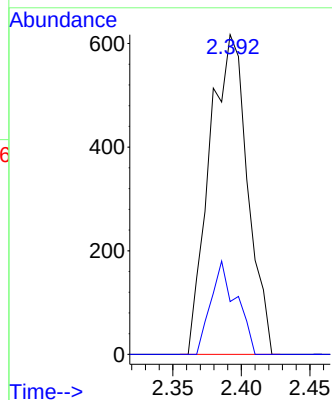
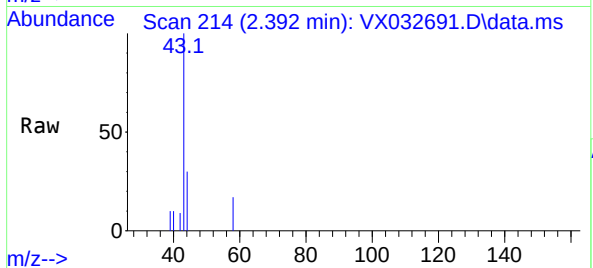




#16
Acetone
Concen: 2.147 ug/l
RT: 2.392 min Scan# 212
Delta R.T. 0.012 min
Lab File: VX032691.D
Acq: 09 Nov 2022 19:43

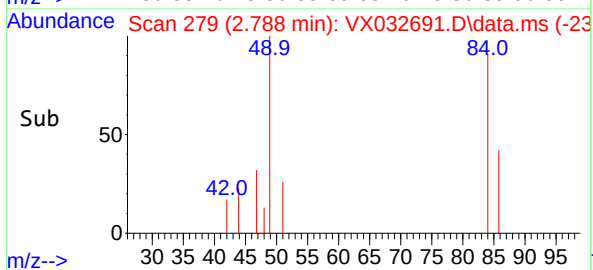
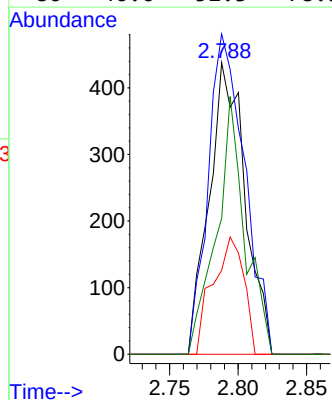
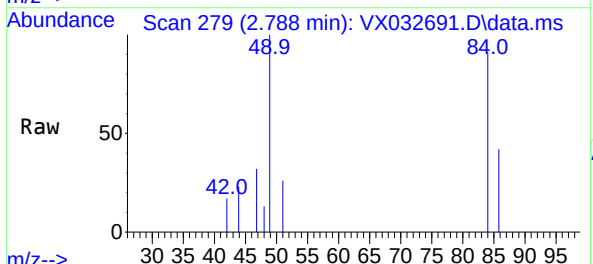
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-11-08

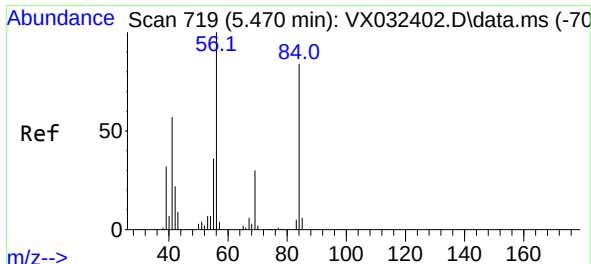
Tgt Ion: 43 Resp: 1193
Ion Ratio Lower Upper
43 100
58 16.5 23.8 35.8#



#20
Methylene Chloride
Concen: 0.628 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032691.D
Acq: 09 Nov 2022 19:43

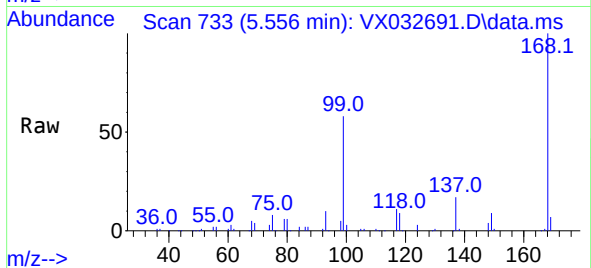
Tgt Ion: 84 Resp: 800
Ion Ratio Lower Upper
84 100
49 109.8 101.0 151.6
51 28.8 31.1 46.7#
86 46.6 52.3 78.5#



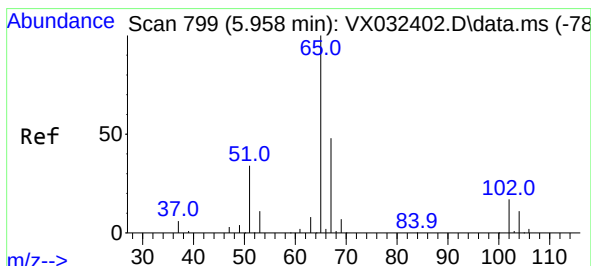
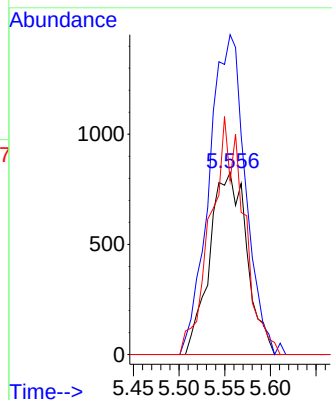
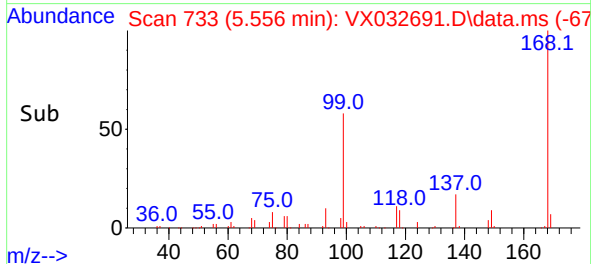


#31
Cyclohexane
Concen: 1.266 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX032691.D
Acq: 09 Nov 2022 19:43

Instrument :
MSVOA_X
ClientSampleId :
EB-2022-11-08

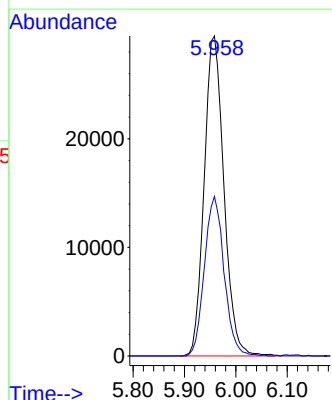
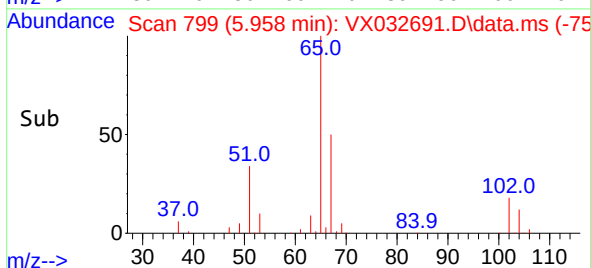
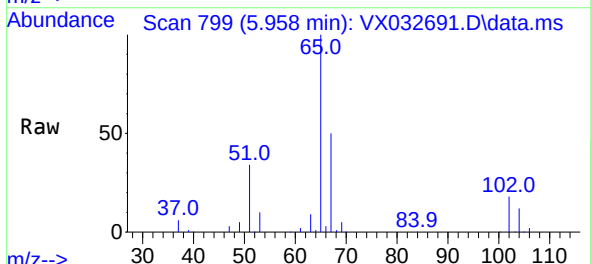


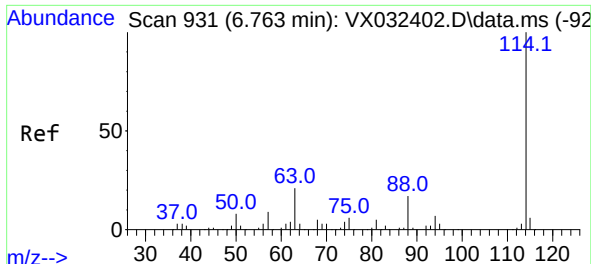
Tgt Ion: 56 Resp: 2346
Ion Ratio Lower Upper
56 100
69 175.8 24.1 36.1#
84 95.5 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 51.435 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032691.D
Acq: 09 Nov 2022 19:43

Tgt Ion: 65 Resp: 78618
Ion Ratio Lower Upper
65 100
67 49.8 0.0 101.8

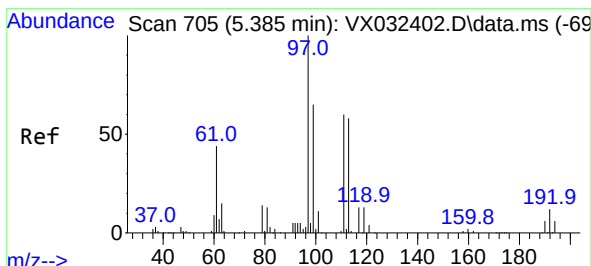
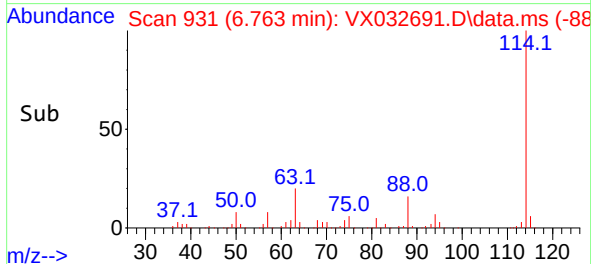
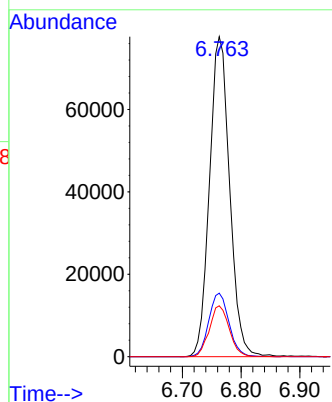
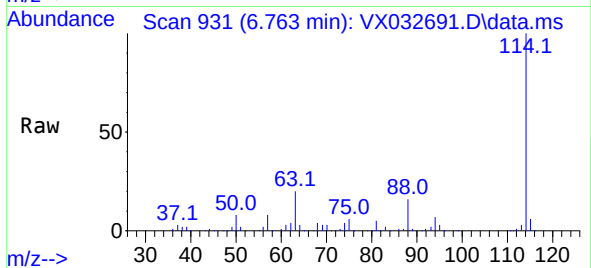




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032691.D
Acq: 09 Nov 2022 19:43

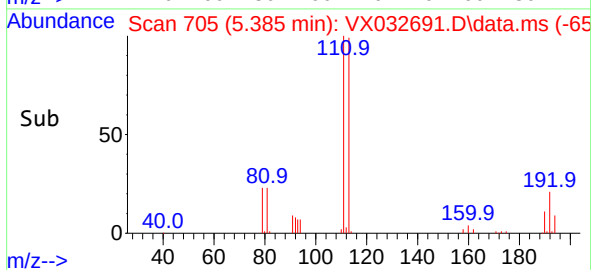
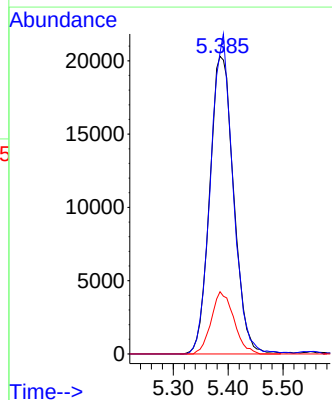
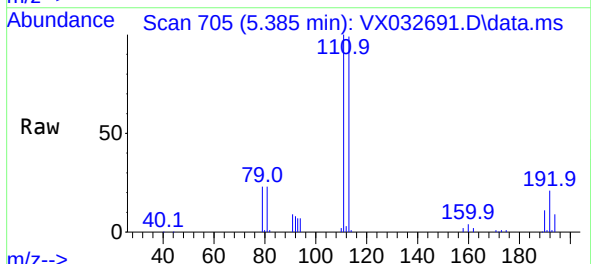
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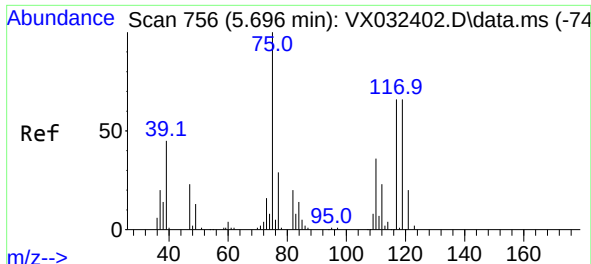
Tgt Ion:114 Resp: 184737
Ion Ratio Lower Upper
114 100
63 19.9 0.0 41.6
88 15.9 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.771 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032691.D
Acq: 09 Nov 2022 19:43

Tgt Ion:113 Resp: 61633
Ion Ratio Lower Upper
113 100
111 101.0 82.4 123.6
192 19.7 15.4 23.2

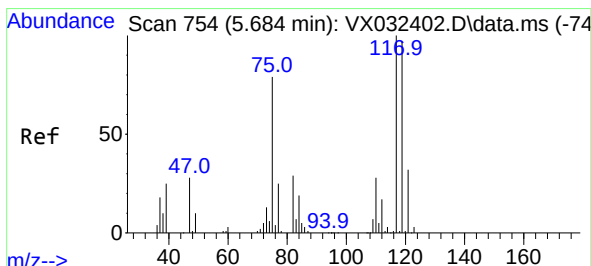
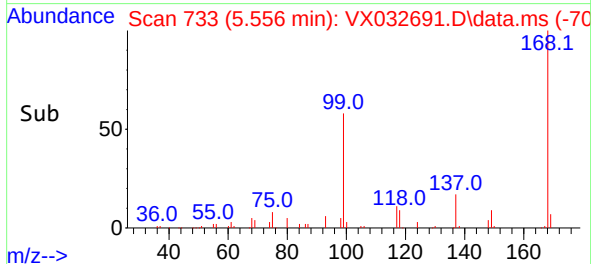
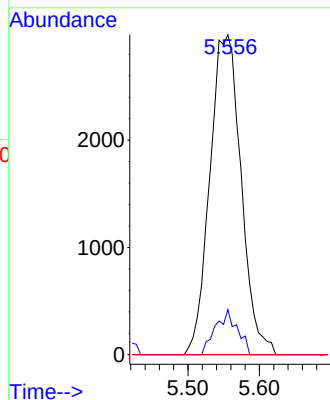
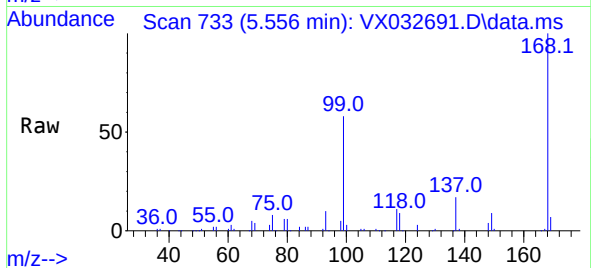




#36
1,1-Dichloropropene
Concen: 4.936 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX032691.D
Acq: 09 Nov 2022 19:43

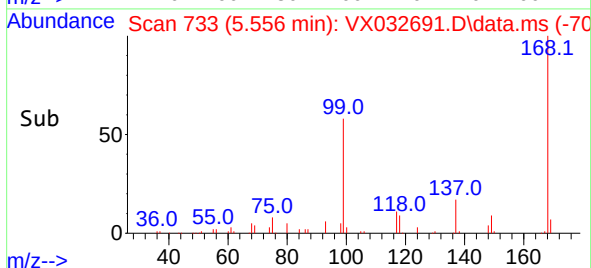
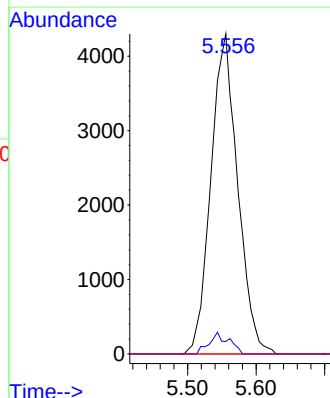
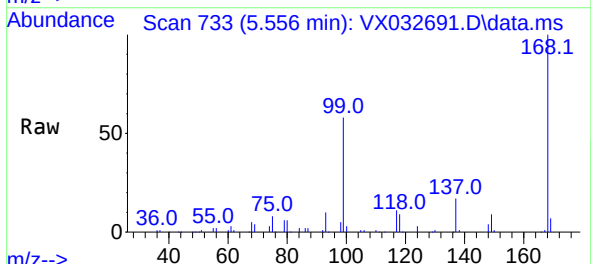
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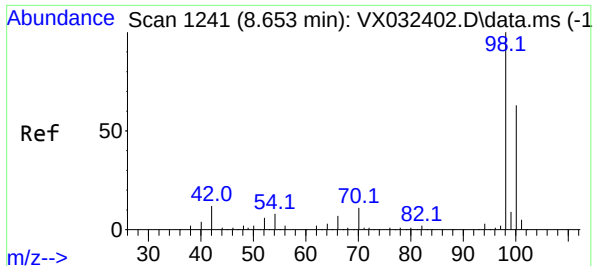
Tgt Ion: 75 Resp: 9057
Ion Ratio Lower Upper
75 100
110 9.8 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.739 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX032691.D
Acq: 09 Nov 2022 19:43

Tgt Ion: 117 Resp: 11680
Ion Ratio Lower Upper
117 100
119 3.9 77.2 115.8#
121 0.0 25.8 38.6#

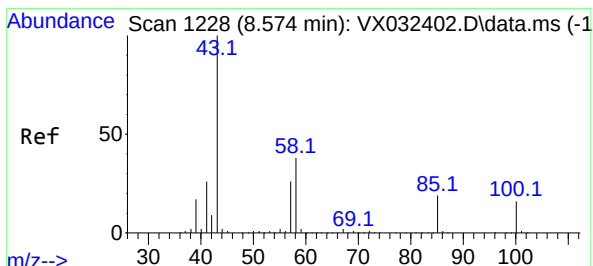
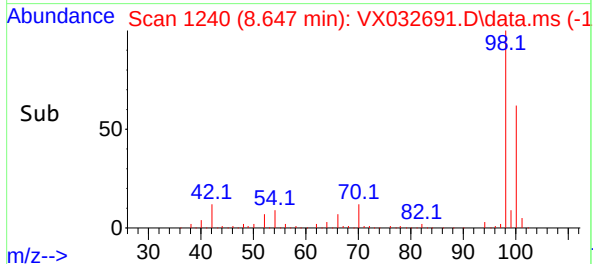
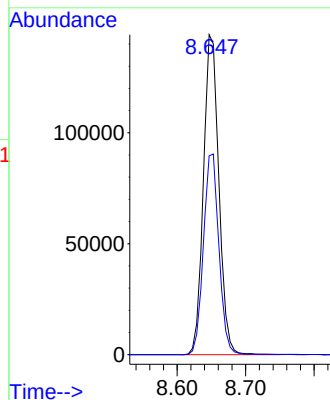
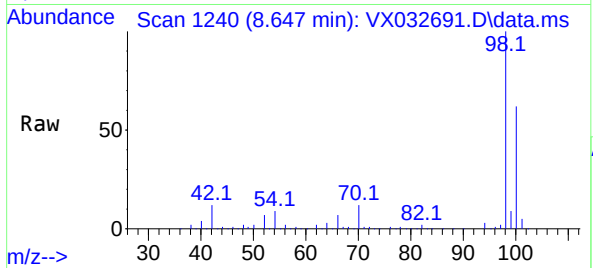




#50
Toluene-d8
Concen: 49.397 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032691.D
Acq: 09 Nov 2022 19:43

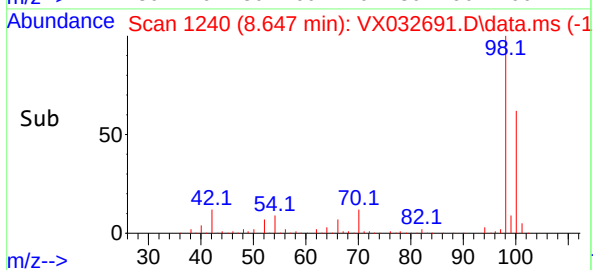
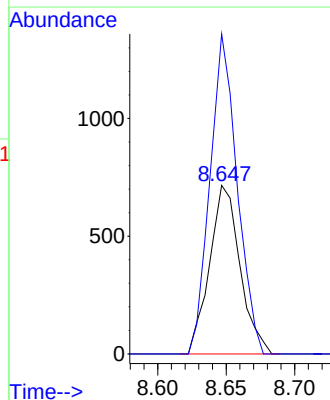
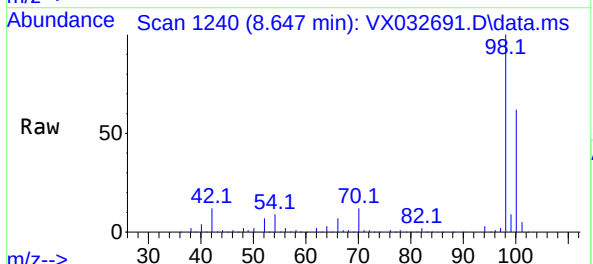
Instrument :
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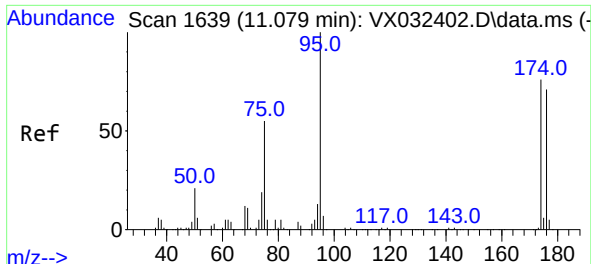
Tgt Ion: 98 Resp: 226344
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.598 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032691.D
Acq: 09 Nov 2022 19:43

Tgt Ion: 43 Resp: 1105
Ion Ratio Lower Upper
43 100
58 169.4 30.9 46.3#





#62

4-Bromofluorobenzene

Concen: 48.845 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX032691.D

Acq: 09 Nov 2022 19:43

Instrument :

MSVOA_X

ClientSampleId :

EB-2022-11-08

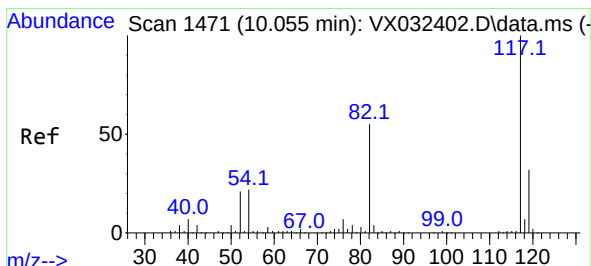
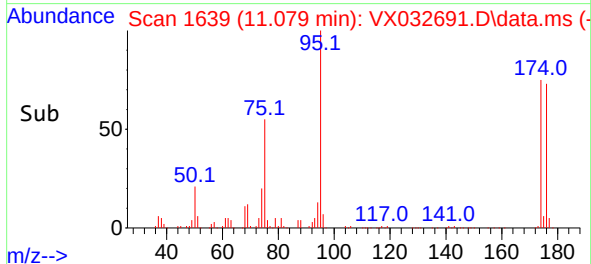
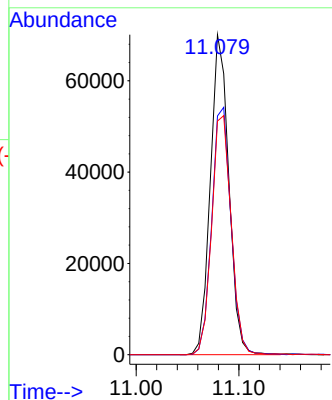
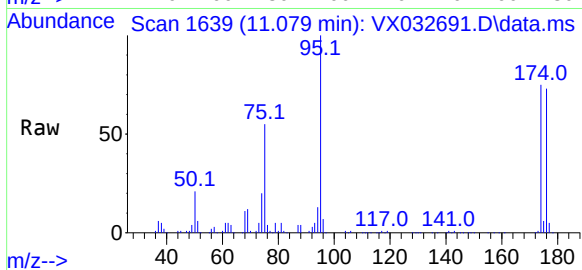
Tgt Ion: 95 Resp: 87426

Ion Ratio Lower Upper

95 100

174 80.4 0.0 164.0

176 79.1 0.0 154.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX032691.D

Acq: 09 Nov 2022 19:43

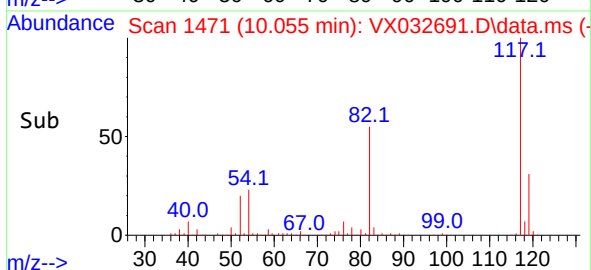
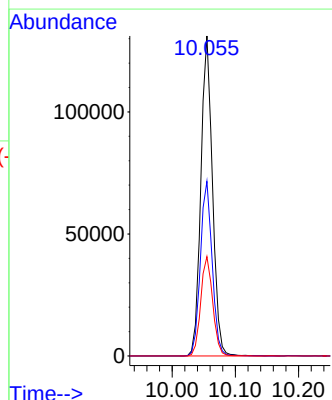
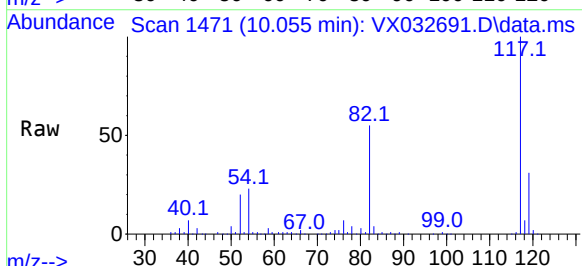
Tgt Ion: 117 Resp: 167653

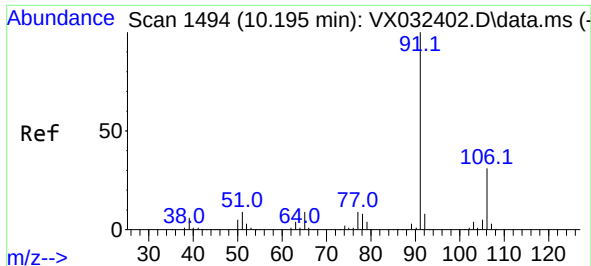
Ion Ratio Lower Upper

117 100

82 54.6 44.3 66.5

119 31.1 25.7 38.5

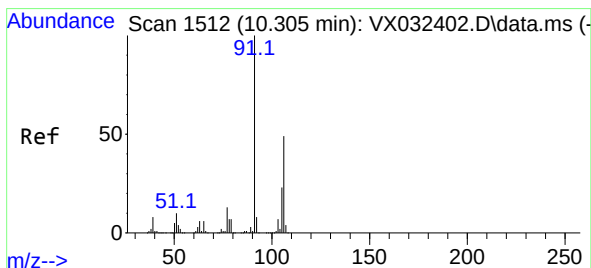
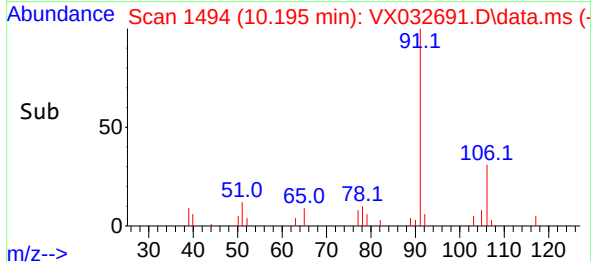
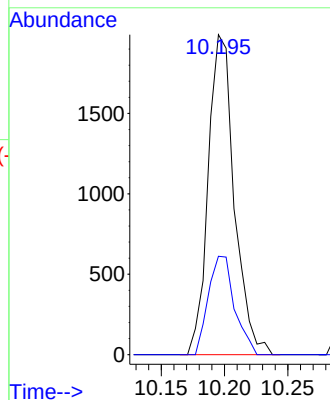
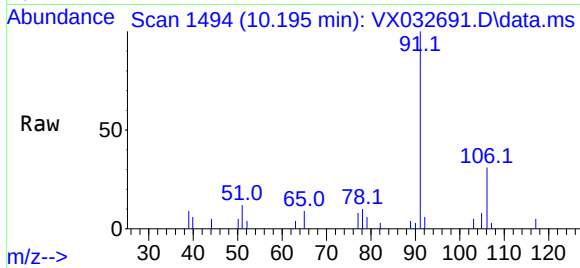




#67
Ethyl Benzene
Concen: 0.425 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX032691.D
Acq: 09 Nov 2022 19:43

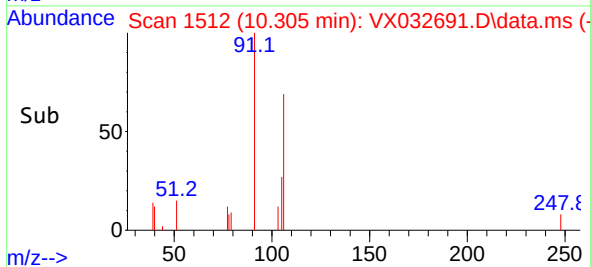
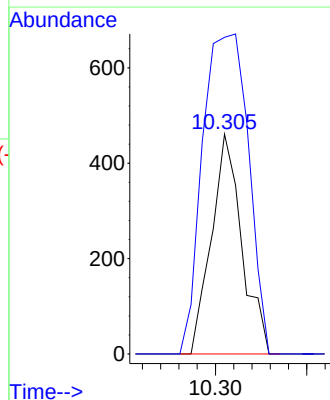
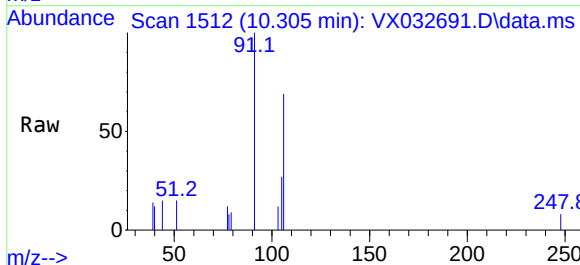
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-11-08

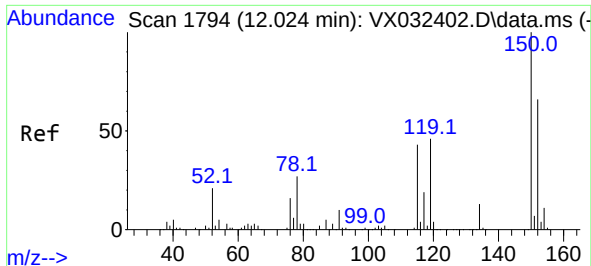
Tgt Ion: 91 Resp: 2851
Ion Ratio Lower Upper
91 100
106 30.8 25.0 37.6



#68
m/p-Xylenes
Concen: 0.204 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX032691.D
Acq: 09 Nov 2022 19:43

Tgt Ion: 106 Resp: 533
Ion Ratio Lower Upper
106 100
91 219.7 164.5 246.7

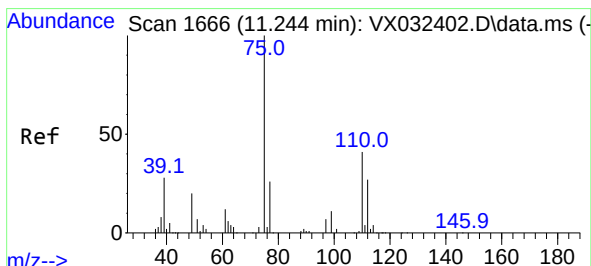
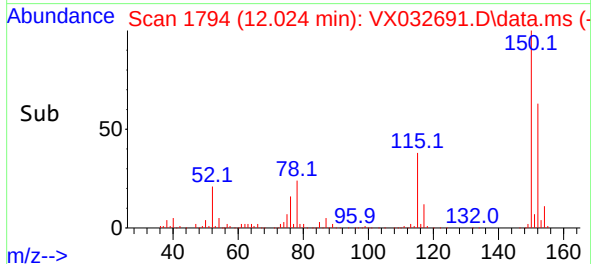
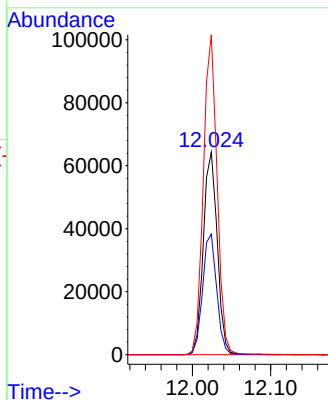
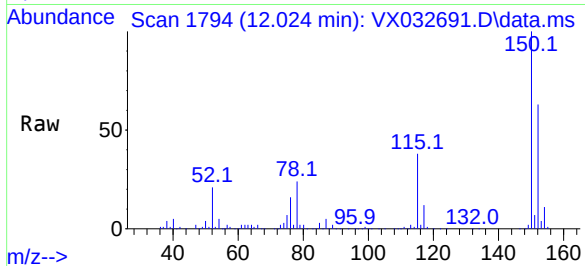




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032691.D
Acq: 09 Nov 2022 19:43

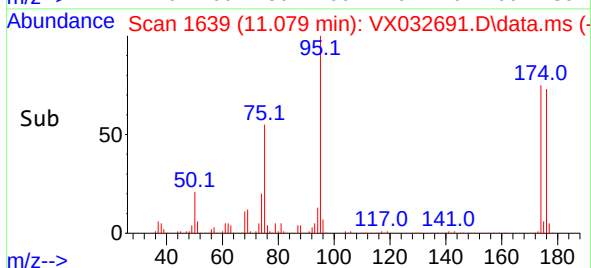
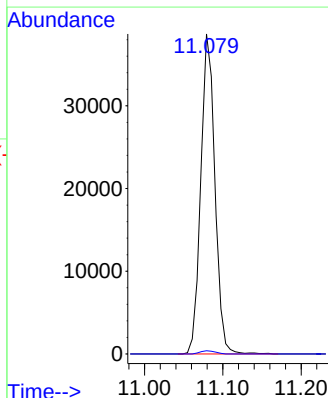
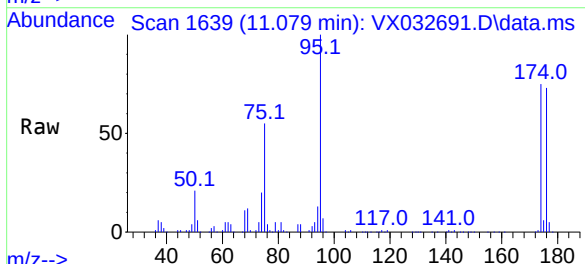
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-11-08

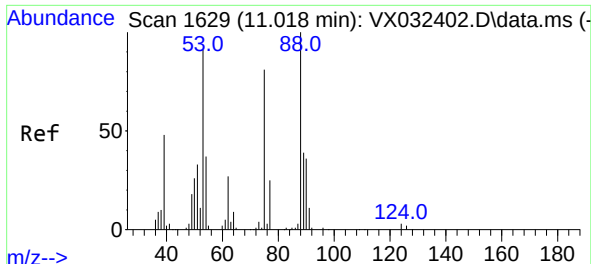
Tgt Ion:152 Resp: 79594
Ion Ratio Lower Upper
152 100
115 60.1 44.0 132.0
150 155.5 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.355 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032691.D
Acq: 09 Nov 2022 19:43

Tgt Ion: 75 Resp: 48440
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#

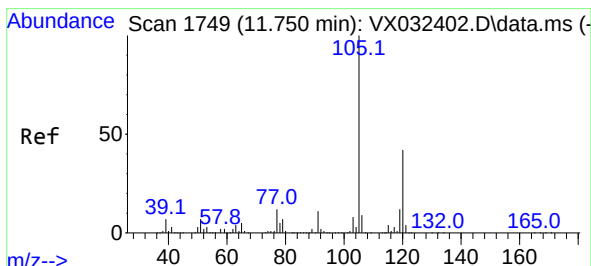
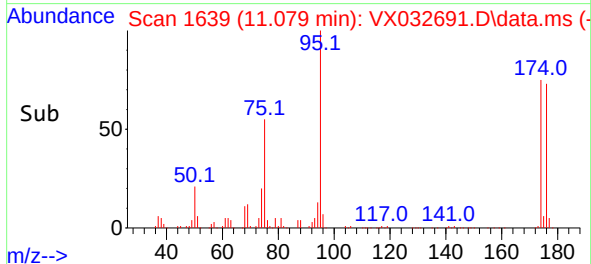
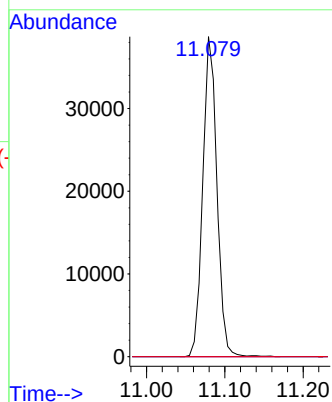
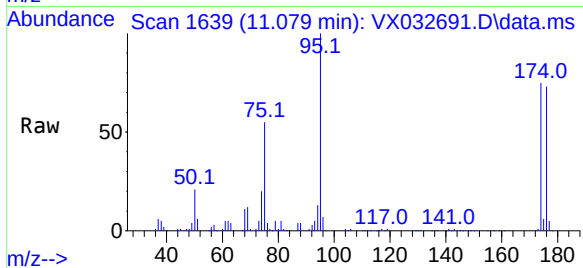




#81
trans-1,4-Dichloro-2-butene
Concen: 87.045 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032691.D
Acq: 09 Nov 2022 19:43

Instrument :
MSVOA_X
ClientSampleId :
EB-2022-11-08

Tgt Ion: 75 Resp: 48440
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#84
1,2,4-Trimethylbenzene
Concen: 0.217 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX032691.D
Acq: 09 Nov 2022 19:43

Tgt Ion: 105 Resp: 1161
Ion Ratio Lower Upper
105 100
120 47.8 21.9 65.5

