

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121322\
 Data File : VX033404.D
 Acq On : 13 Dec 2022 19:44
 Operator : JC/MD
 Sample : N6026-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2022-12-12

Quant Time: Dec 14 05:41:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

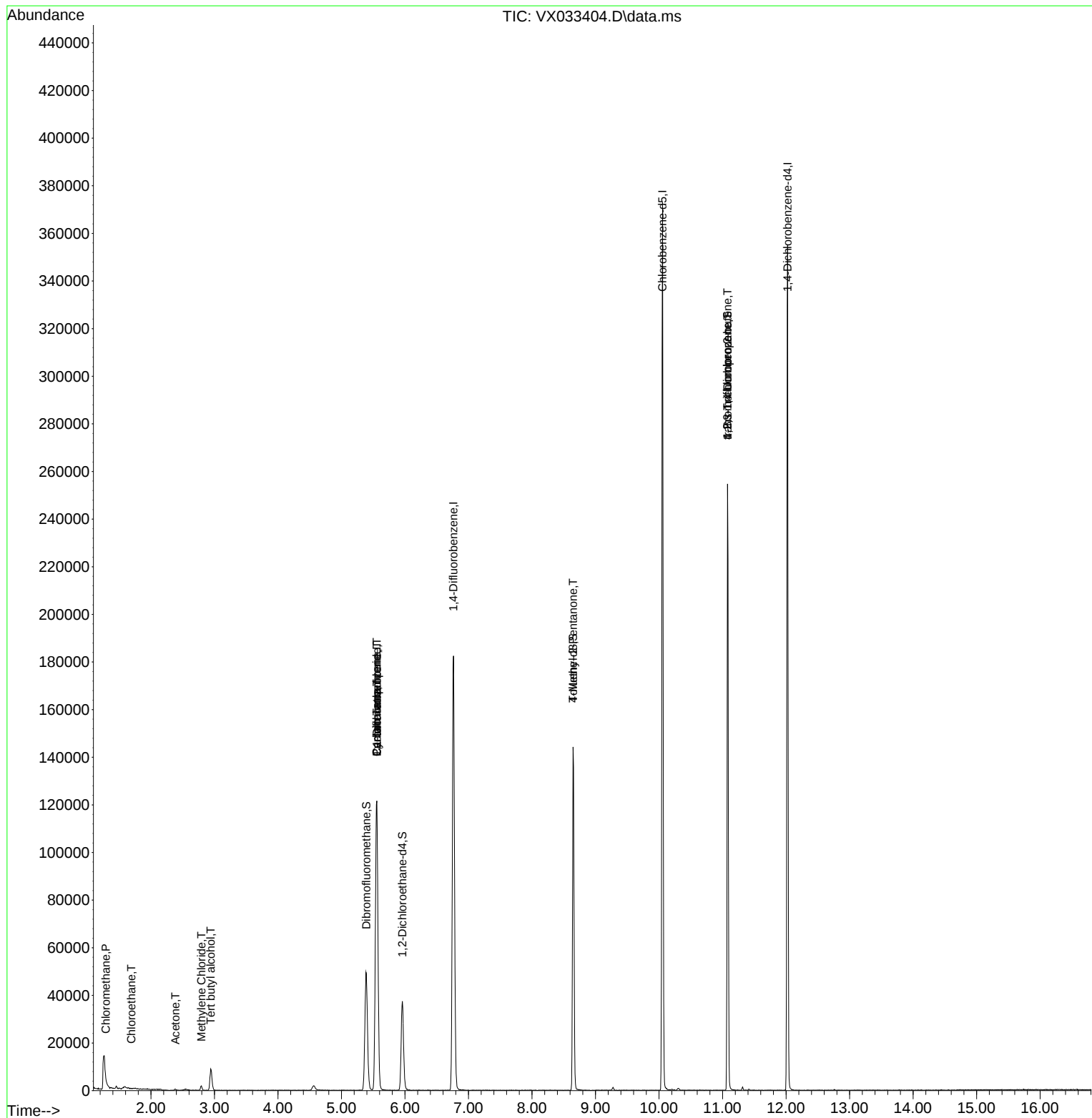
Internal Standards						
1) Pentafluorobenzene	5.556	168	117843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	191151	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	38493	50.916	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.840%	
35) Dibromofluoromethane	5.391	113	43069	50.094	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.180%	
50) Toluene-d8	8.647	98	87999	48.927	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.860%	
62) 4-Bromofluorobenzene	11.079	95	66127	48.085	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.160%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	235	0.247	ug/l #	43
6) Chloroethane	1.691	64	170	0.206	ug/l #	42
11) Tert butyl alcohol	2.940	59	5356	23.173	ug/l #	72
16) Acetone	2.386	43	574	1.026	ug/l	97
20) Methylene Chloride	2.794	84	963	0.772	ug/l #	83
31) Cyclohexane	5.556	56	2319	1.291	ug/l #	2
36) 1,1-Dichloropropene	5.556	75	8999	5.369	ug/l #	49
38) Carbon Tetrachloride	5.556	117	12038	6.410	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	351	0.218	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34414	22.603	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34414	70.311	ug/l #	6

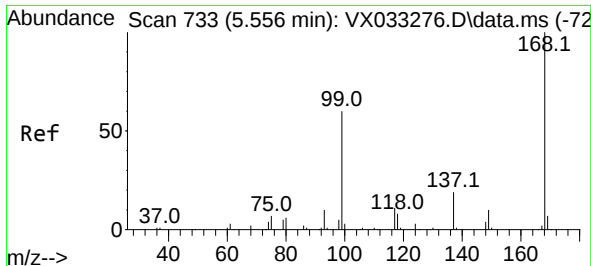
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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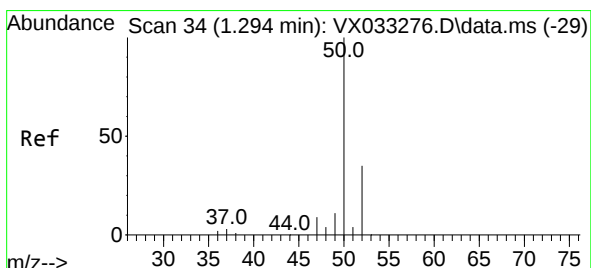
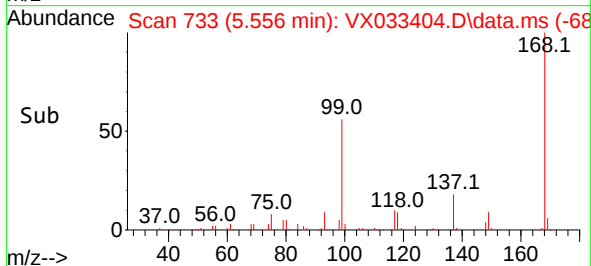
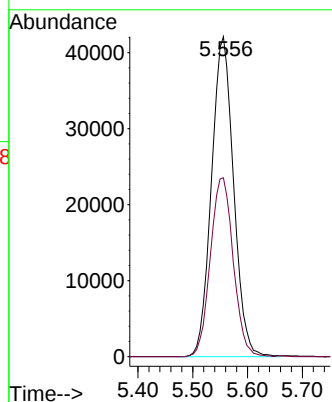
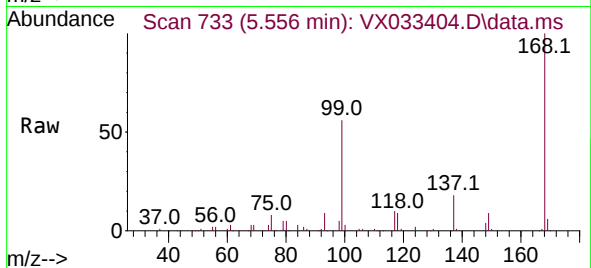




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033404.D
Acq: 13 Dec 2022 19:44

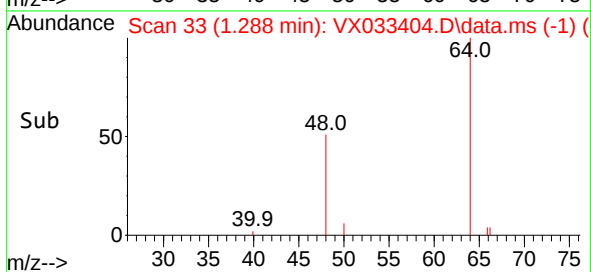
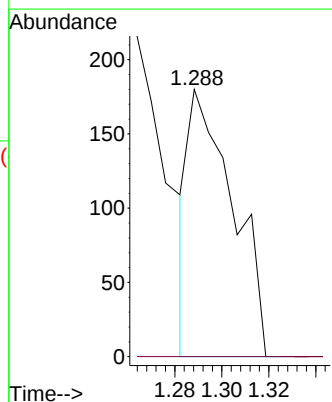
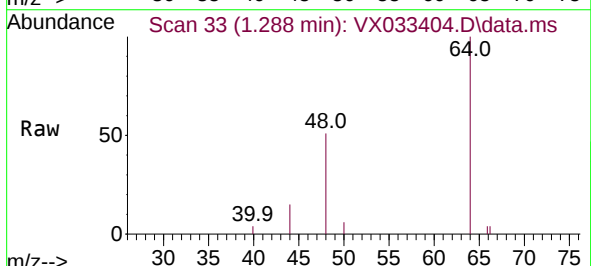
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-12-12

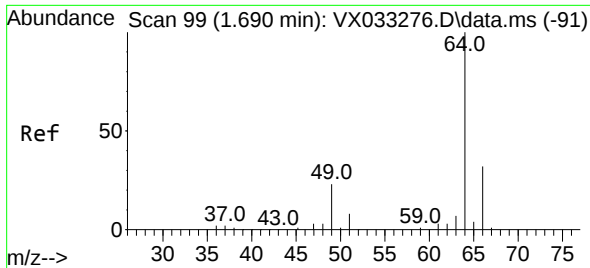
Tgt Ion:168 Resp: 117843
Ion Ratio Lower Upper
168 100
99 55.9 46.1 69.1



#3
Chloromethane
Concen: 0.247 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX033404.D
Acq: 13 Dec 2022 19:44

Tgt Ion: 50 Resp: 235
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

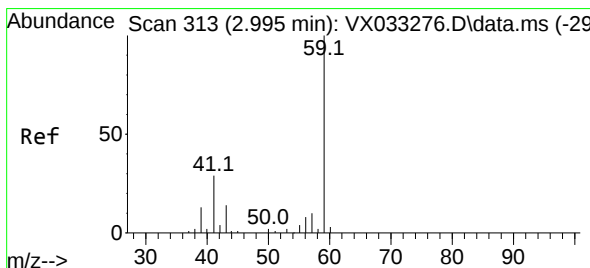
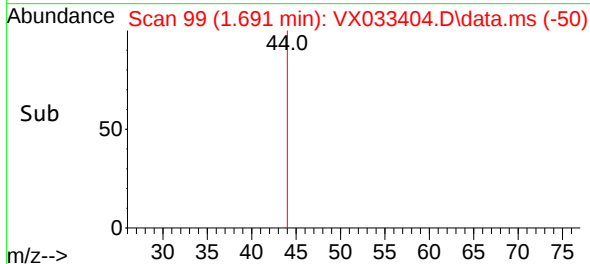
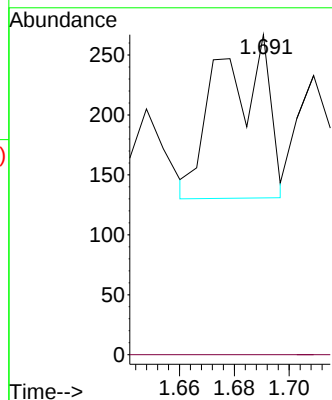
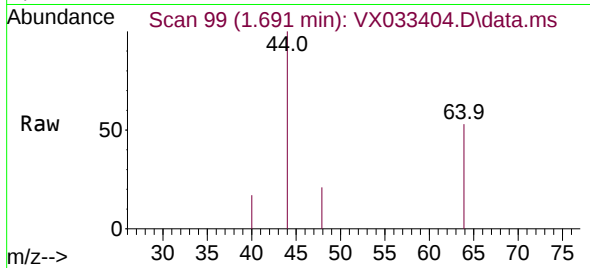




#6
 Chloroethane
 Concen: 0.206 ug/l
 RT: 1.691 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX033404.D
 Acq: 13 Dec 2022 19:44

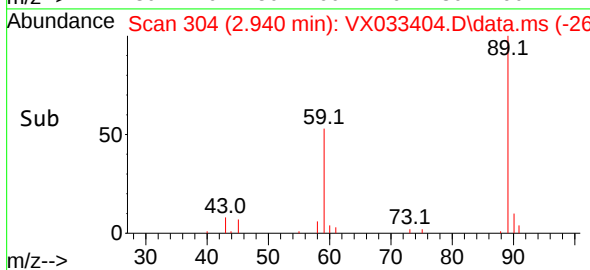
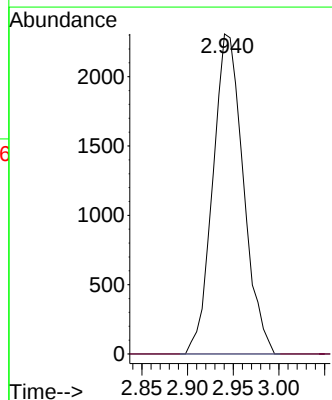
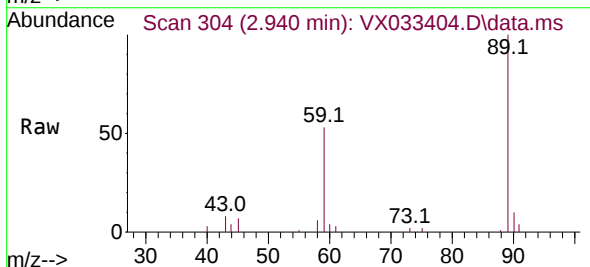
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2022-12-12

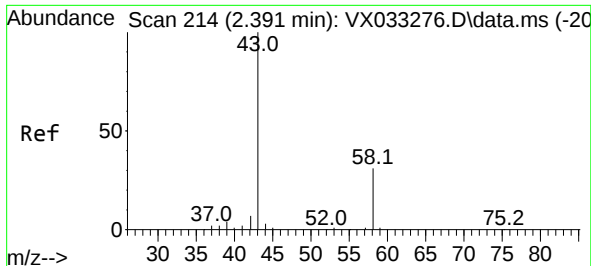
Tgt Ion: 64 Resp: 170
 Ion Ratio Lower Upper
 64 100
 66 0.0 26.0 39.0#



#11
 Tert butyl alcohol
 Concen: 23.173 ug/l
 RT: 2.940 min Scan# 304
 Delta R.T. -0.055 min
 Lab File: VX033404.D
 Acq: 13 Dec 2022 19:44

Tgt Ion: 59 Resp: 5356
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#





#16

Acetone

Concen: 1.026 ug/l

RT: 2.386 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX033404.D

Acq: 13 Dec 2022 19:44

Instrument :

MSVOA_X

ClientSampleId :

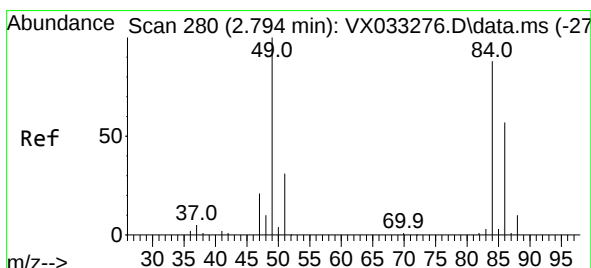
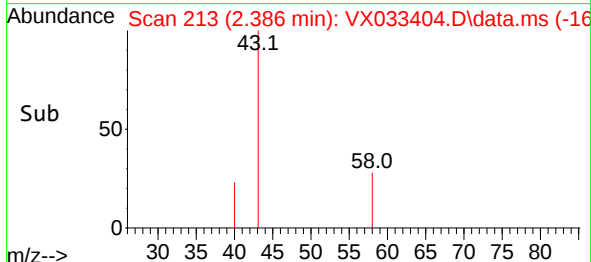
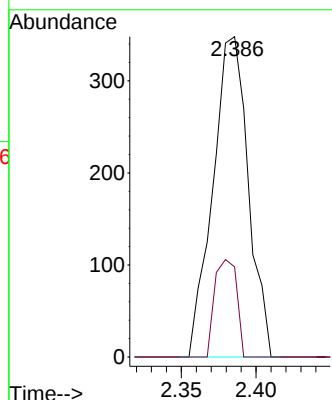
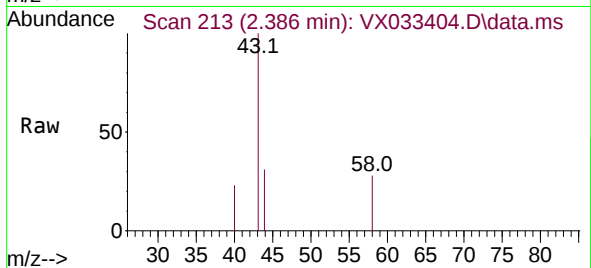
EB-2022-12-12

Tgt Ion: 43 Resp: 574

Ion Ratio Lower Upper

43 100

58 28.2 23.8 35.8



#20

Methylene Chloride

Concen: 0.772 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX033404.D

Acq: 13 Dec 2022 19:44

Tgt Ion: 84 Resp: 963

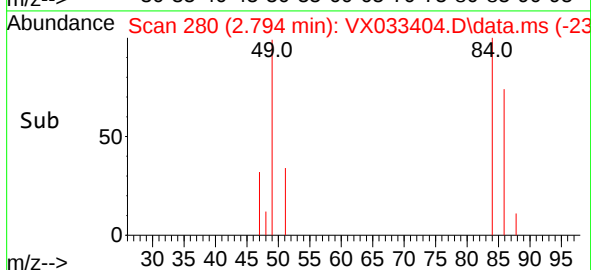
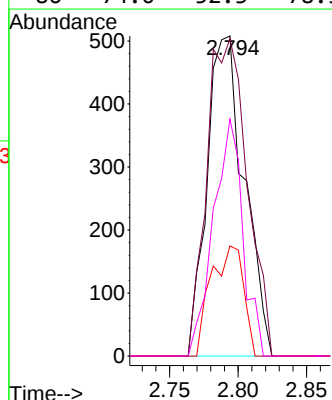
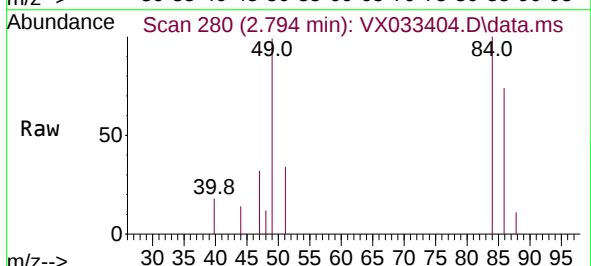
Ion Ratio Lower Upper

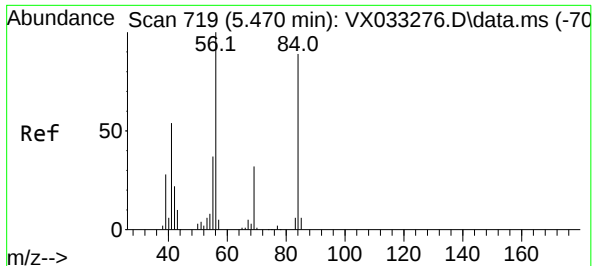
84 100

49 99.2 101.0 151.6#

51 34.4 31.1 46.7

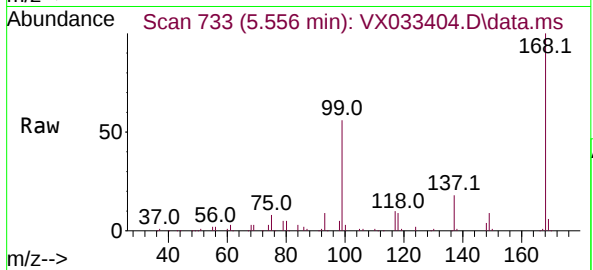
86 74.0 52.3 78.5



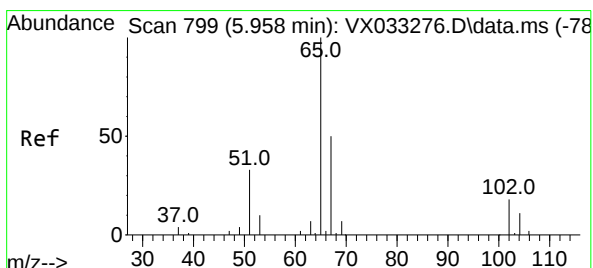
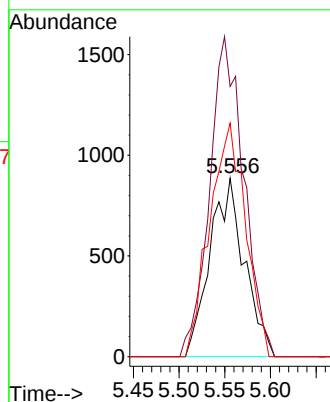
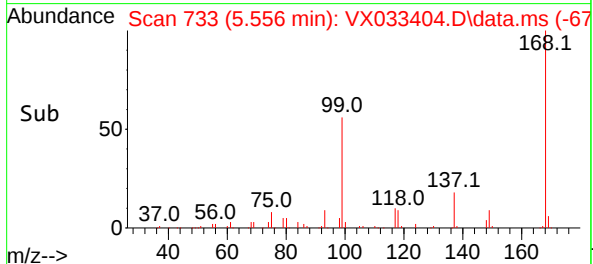


#31
Cyclohexane
Concen: 1.291 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX033404.D
Acq: 13 Dec 2022 19:44

Instrument :
MSVOA_X
ClientSampleId :
EB-2022-12-12

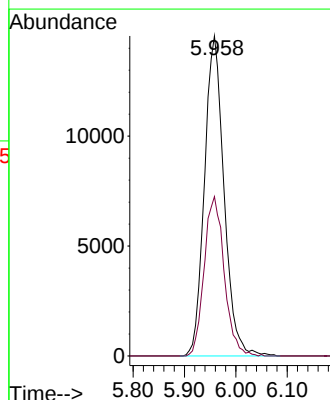
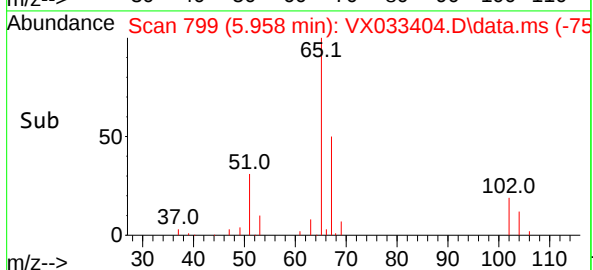
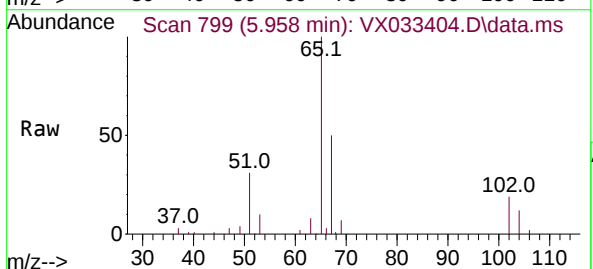


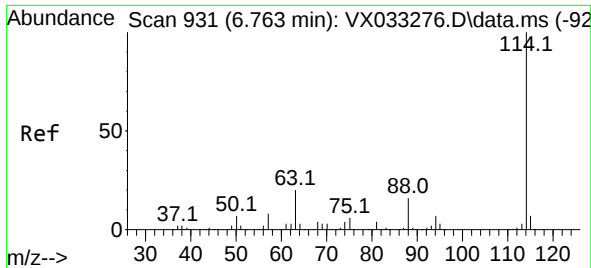
Tgt Ion: 56 Resp: 2319
Ion Ratio Lower Upper
56 100
69 151.5 24.1 36.1#
84 130.9 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 50.916 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033404.D
Acq: 13 Dec 2022 19:44

Tgt Ion: 65 Resp: 38493
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.8

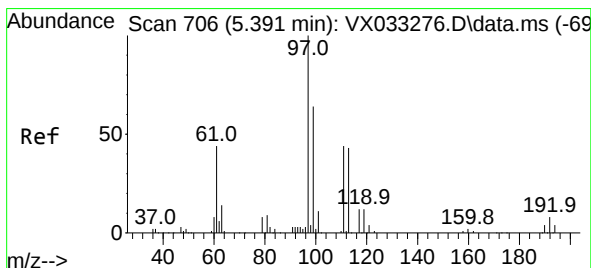
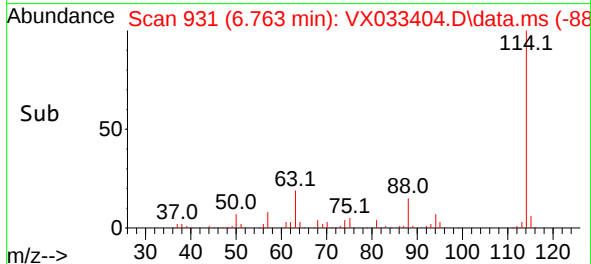
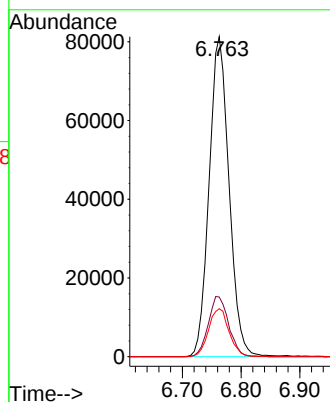
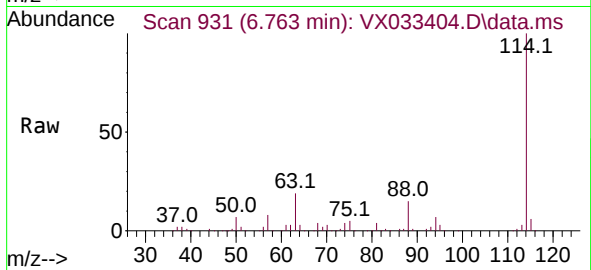




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX033404.D
Acq: 13 Dec 2022 19:44

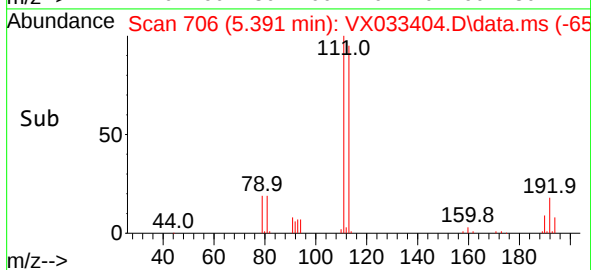
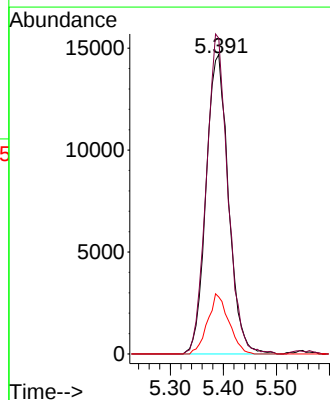
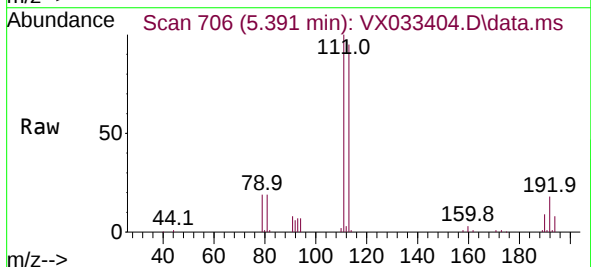
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MSVOA_X
ClientSampleId :
EB-2022-12-12

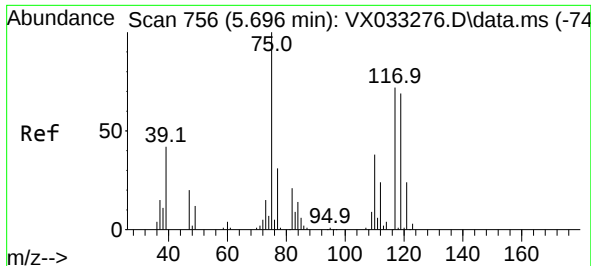
Tgt Ion:114 Resp: 191151
Ion Ratio Lower Upper
114 100
63 18.7 0.0 41.6
88 15.0 0.0 33.4



#35
Dibromofluoromethane
Concen: 50.094 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX033404.D
Acq: 13 Dec 2022 19:44

Tgt Ion:113 Resp: 43069
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 18.9 15.4 23.2

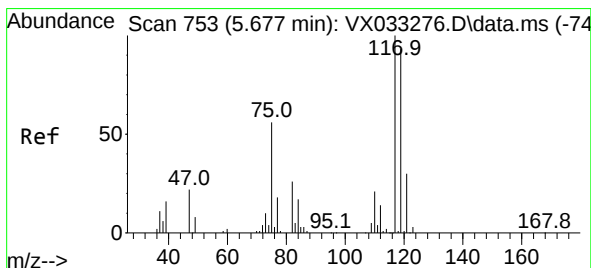
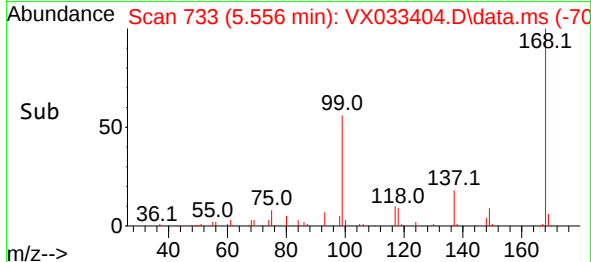
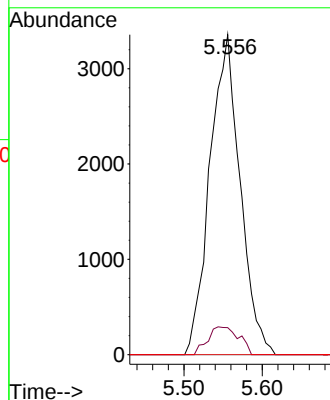
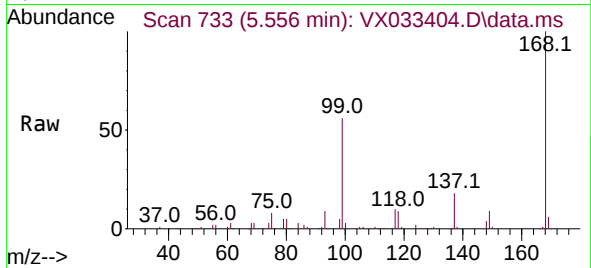




#36
1,1-Dichloropropene
Concen: 5.369 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX033404.D
Acq: 13 Dec 2022 19:44

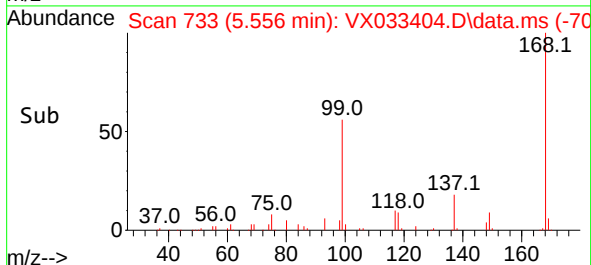
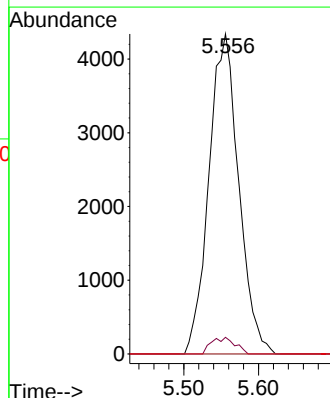
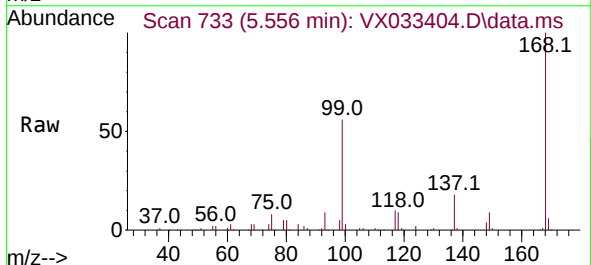
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EB-2022-12-12

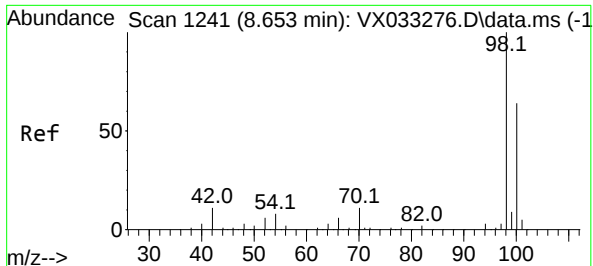
Tgt Ion: 75 Resp: 8999
Ion Ratio Lower Upper
75 100
110 8.9 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.410 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX033404.D
Acq: 13 Dec 2022 19:44

Tgt Ion: 117 Resp: 12038
Ion Ratio Lower Upper
117 100
119 5.2 77.2 115.8#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 48.927 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX033404.D

Acq: 13 Dec 2022 19:44

Instrument :

MSVOA_X

ClientSampleId :

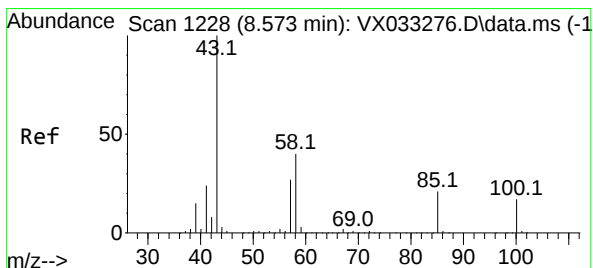
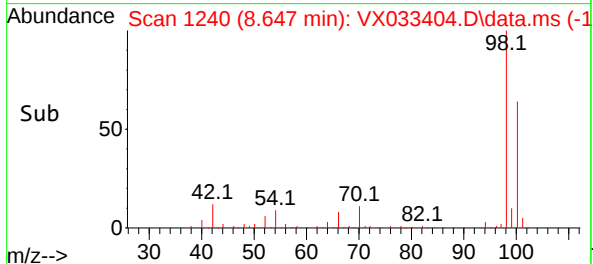
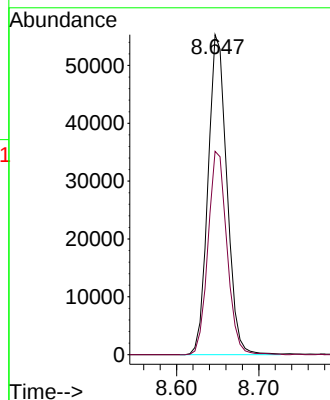
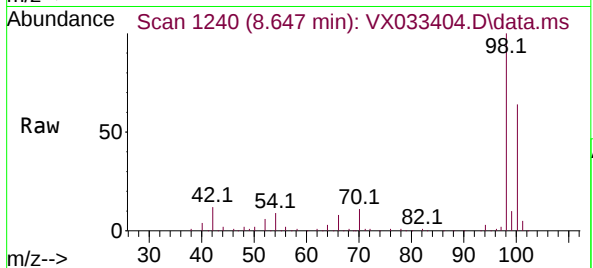
EB-2022-12-12

Tgt Ion: 98 Resp: 87999

Ion Ratio Lower Upper

98 100

100 63.8 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.218 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX033404.D

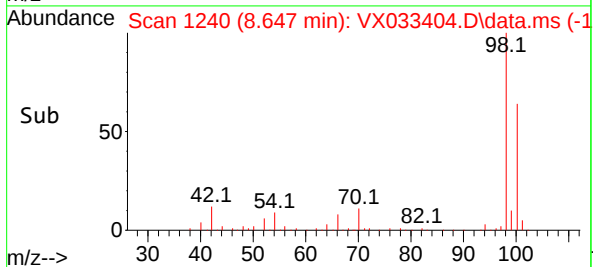
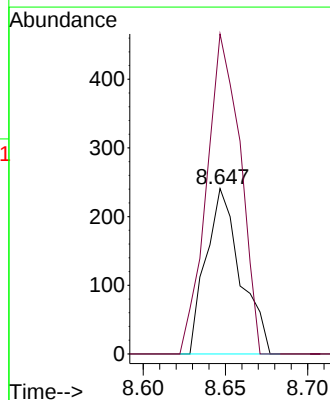
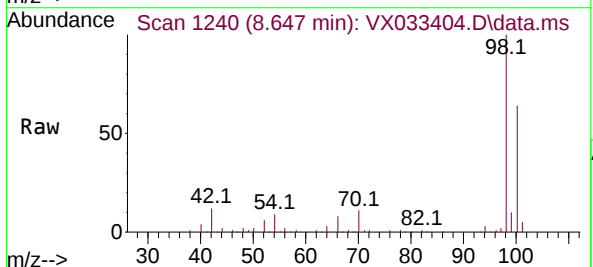
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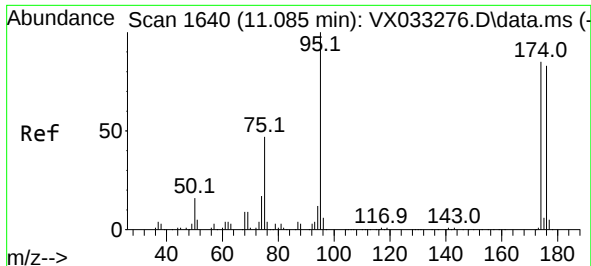
Tgt Ion: 43 Resp: 351

Ion Ratio Lower Upper

43 100

58 188.9 30.9 46.3#

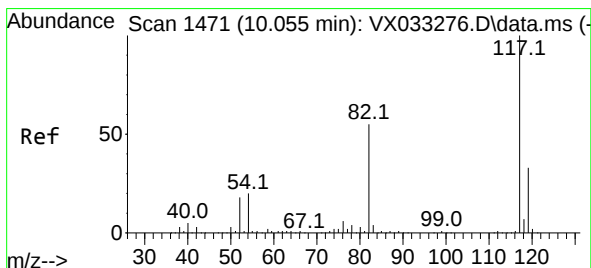
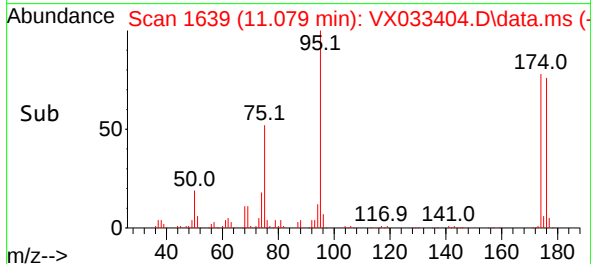
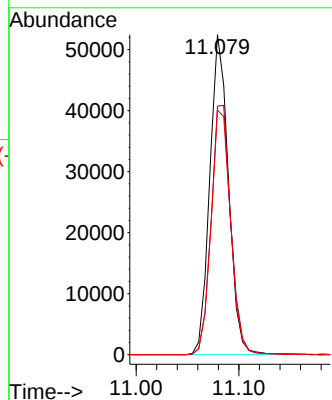
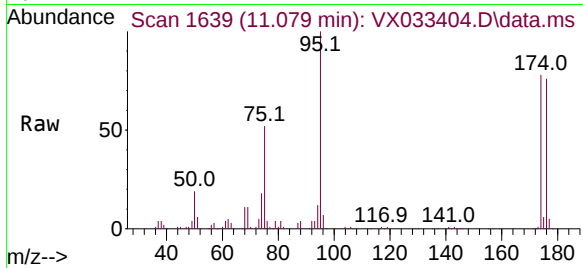




#62
4-Bromofluorobenzene
Concen: 48.085 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033404.D
Acq: 13 Dec 2022 19:44

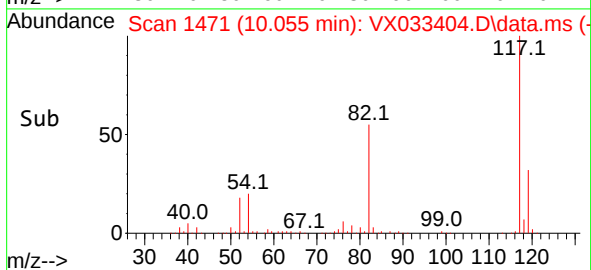
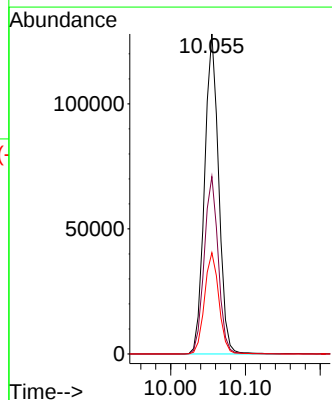
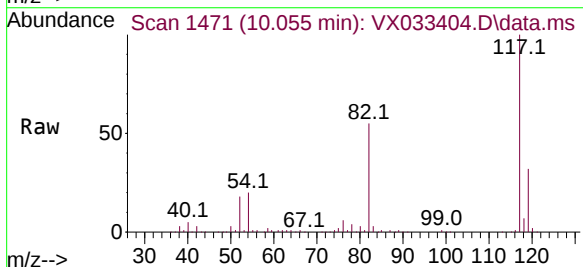
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-12-12

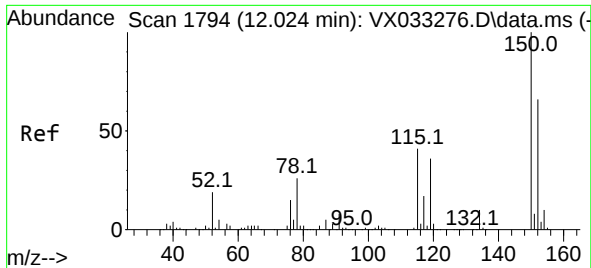
Tgt Ion: 95 Resp: 66127
Ion Ratio Lower Upper
95 100
174 82.3 0.0 164.0
176 79.7 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033404.D
Acq: 13 Dec 2022 19:44

Tgt Ion: 117 Resp: 167537
Ion Ratio Lower Upper
117 100
82 55.4 44.3 66.5
119 31.7 25.7 38.5

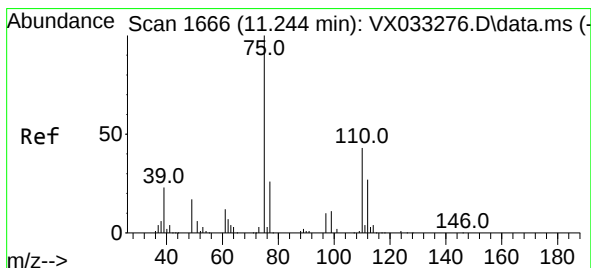
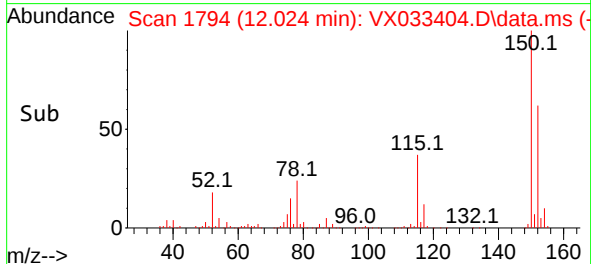
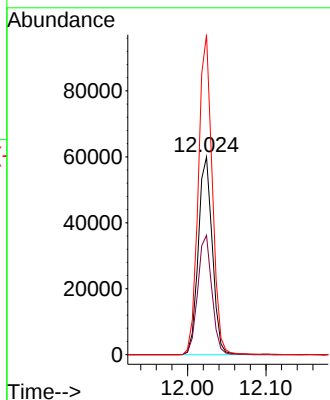
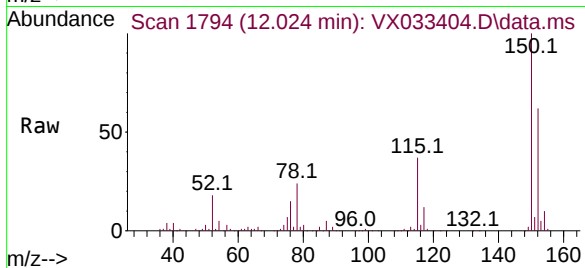




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033404.D
 Acq: 13 Dec 2022 19:44

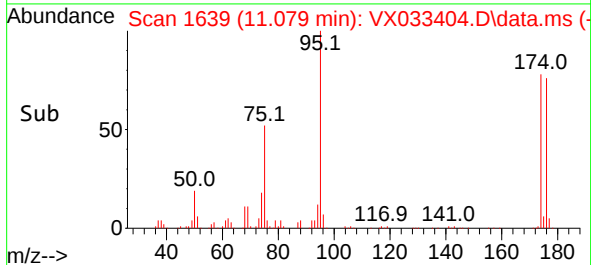
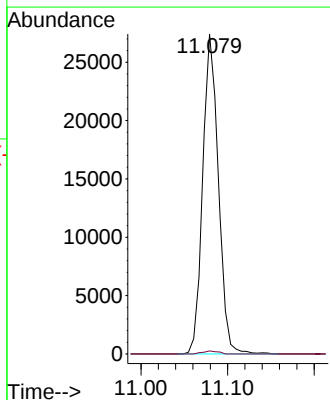
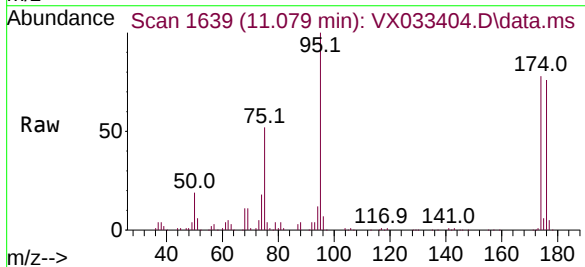
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2022-12-12

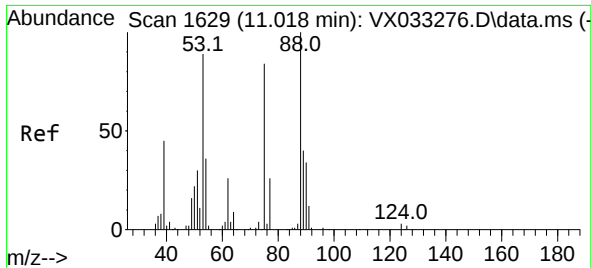
Tgt Ion:152 Resp: 74835
 Ion Ratio Lower Upper
 152 100
 115 60.8 44.0 132.0
 150 159.7 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 22.603 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX033404.D
 Acq: 13 Dec 2022 19:44

Tgt Ion: 75 Resp: 34414
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.311 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033404.D
 Acq: 13 Dec 2022 19:44

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2022-12-12

Tgt Ion: 75 Resp: 34414
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

