

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121322\
 Data File : VX033407.D
 Acq On : 13 Dec 2022 20:53
 Operator : JC/MD
 Sample : N6001-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11A

Quant Time: Dec 14 05:42:41 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)

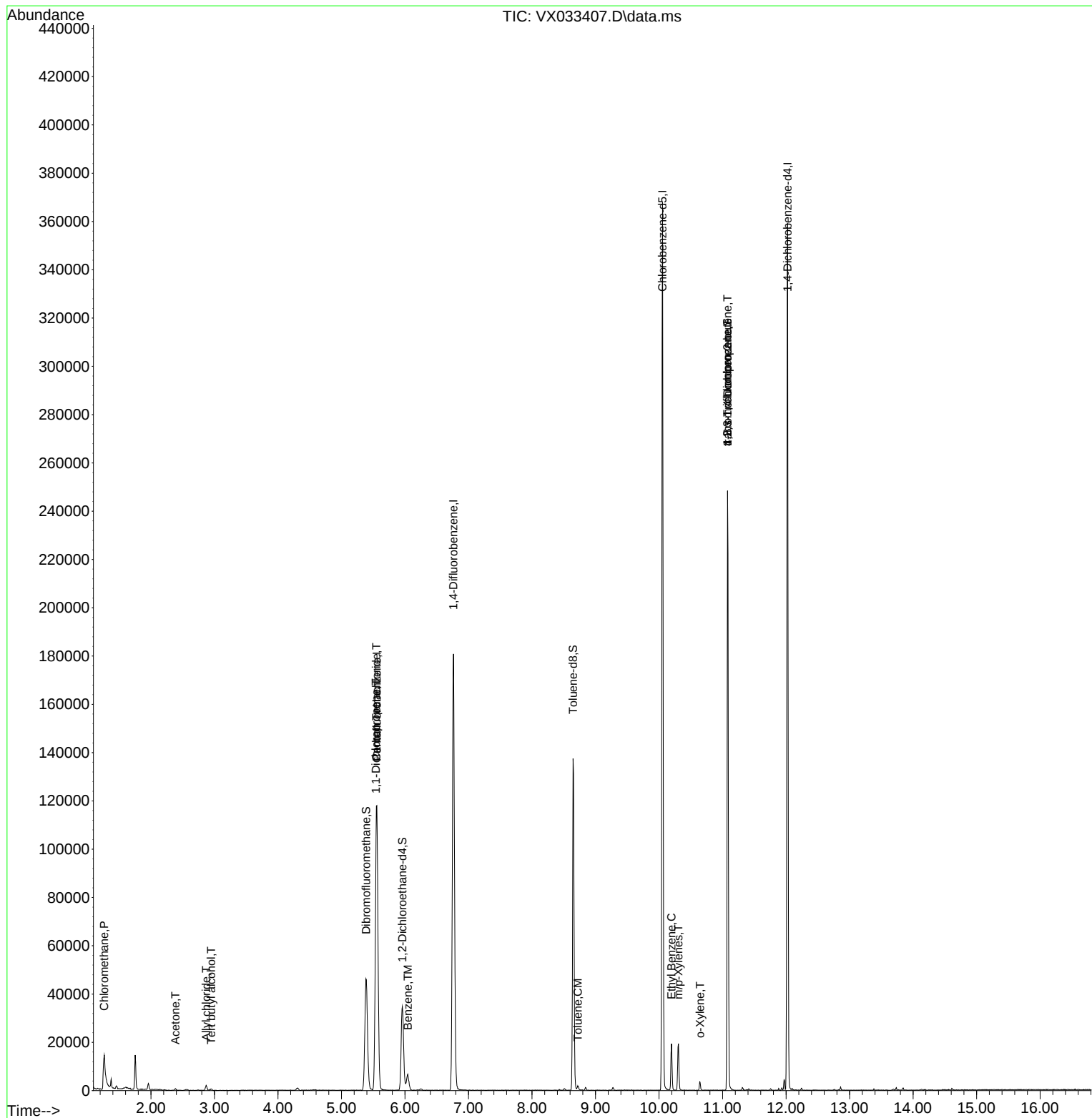
Internal Standards						
1) Pentafluorobenzene	5.556	168	116221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	185807	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	36640	49.142	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.280%
35) Dibromofluoromethane	5.385	113	41221	49.324	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.640%
50) Toluene-d8	8.647	98	84183	48.152	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.300%
62) 4-Bromofluorobenzene	11.079	95	64936	48.577	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.160%
Target Compounds						
					Qvalue	
3) Chloromethane	1.264	50	372	0.396	ug/l #	43
11) Tert butyl alcohol	2.947	59	429	1.882	ug/l #	72
14) Allyl chloride	2.867	41	470	0.279	ug/l #	59
16) Acetone	2.386	43	706	1.280	ug/l #	60
36) 1,1-Dichloropropene	5.544	75	8411	5.162	ug/l #	50
38) Carbon Tetrachloride	5.550	117	11656	6.385	ug/l #	16
40) Benzene	6.044	78	7963	1.676	ug/l	98
52) Toluene	8.720	92	742	0.242	ug/l	93
67) Ethyl Benzene	10.195	91	11222	1.917	ug/l	100
68) m/p-Xylenes	10.305	106	4803	2.109	ug/l	99
69) o-Xylene	10.646	106	979	0.435	ug/l	88
76) 1,2,3-Trichloropropane	11.079	75	34154	21.947	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34154	68.270	ug/l #	6

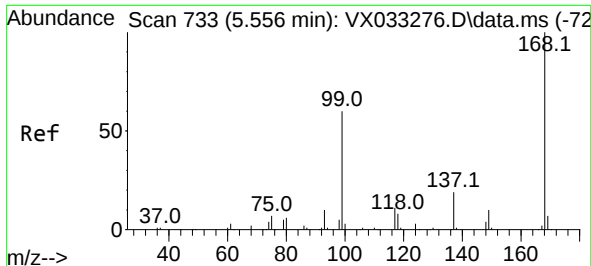
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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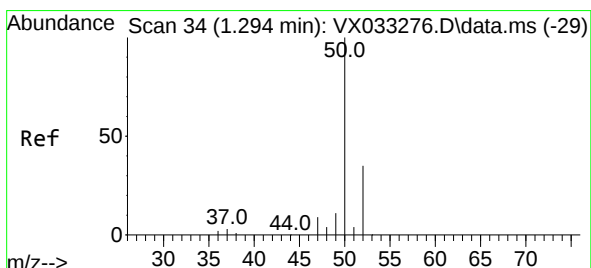
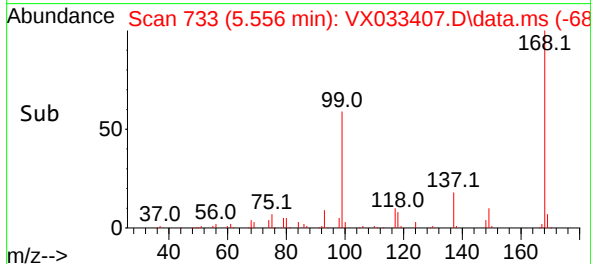
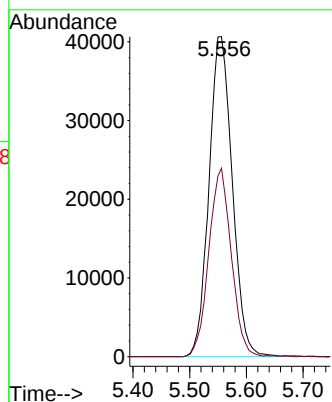
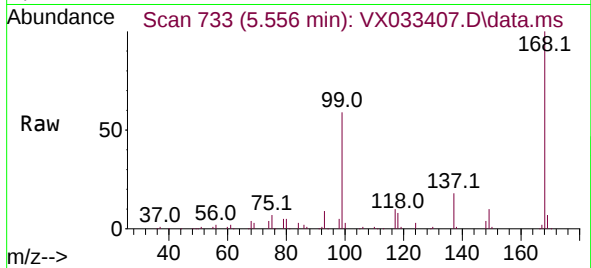




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033407.D
Acq: 13 Dec 2022 20:53

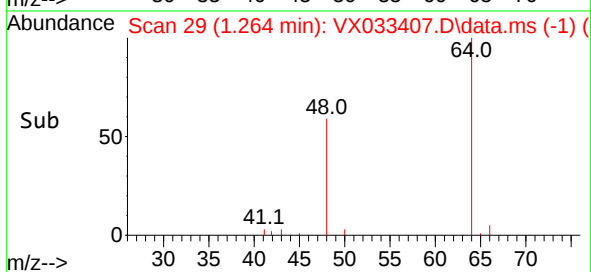
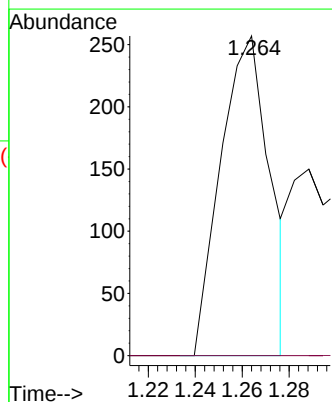
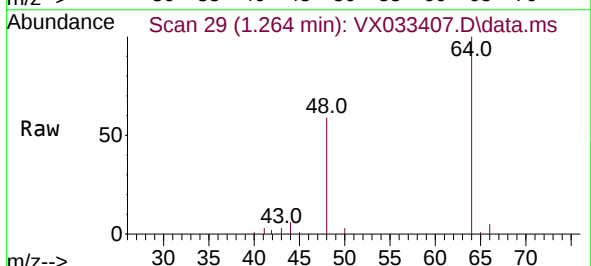
Instrument :
MSVOA_X
ClientSampleId :
MW-11A

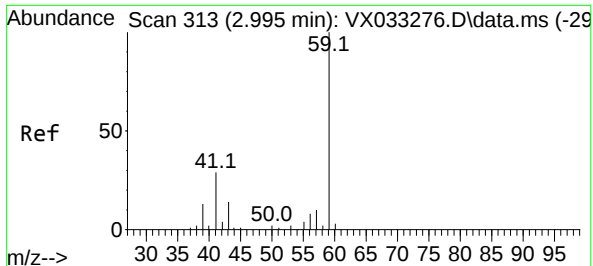
Tgt Ion:168 Resp: 116221
Ion Ratio Lower Upper
168 100
99 58.9 46.1 69.1



#3
Chloromethane
Concen: 0.396 ug/l
RT: 1.264 min Scan# 29
Delta R.T. -0.030 min
Lab File: VX033407.D
Acq: 13 Dec 2022 20:53

Tgt Ion: 50 Resp: 372
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

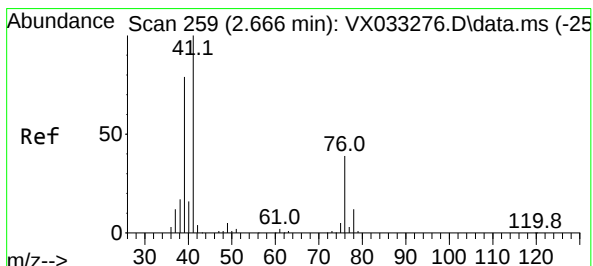
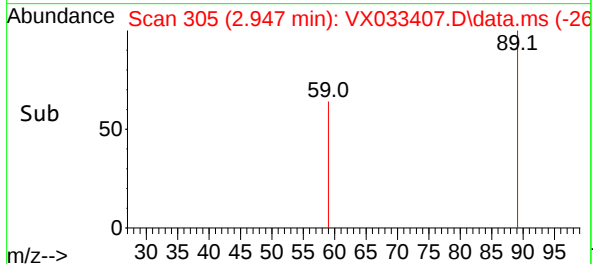
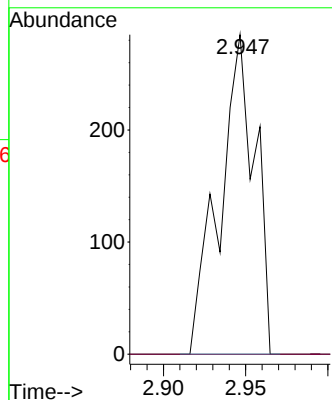
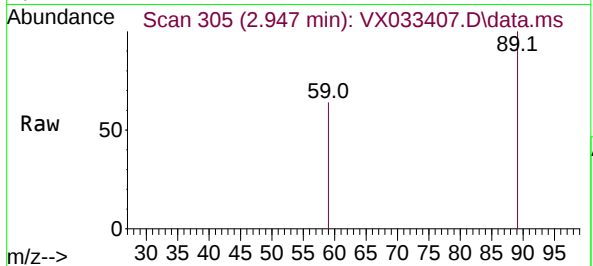




#11
Tert butyl alcohol
Concen: 1.882 ug/l
RT: 2.947 min Scan# 30
Delta R.T. -0.048 min
Lab File: VX033407.D
Acq: 13 Dec 2022 20:53

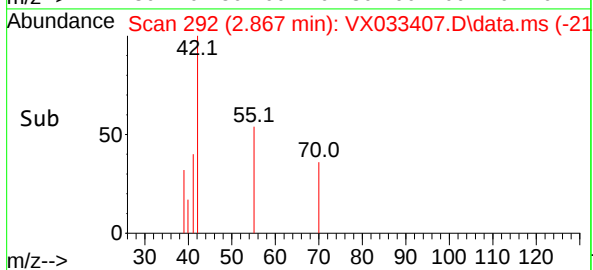
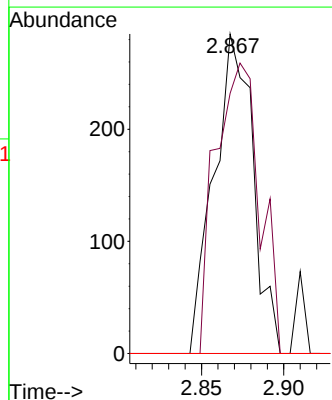
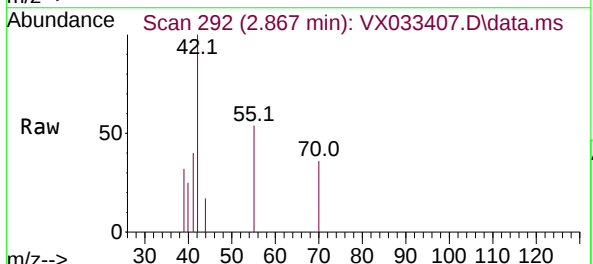
Instrument :
MSVOA_X
ClientSampleId :
MW-11A

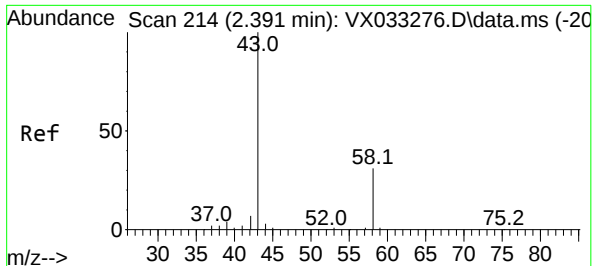
Tgt Ion: 59 Resp: 429
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#14
Allyl chloride
Concen: 0.279 ug/l
RT: 2.867 min Scan# 292
Delta R.T. 0.202 min
Lab File: VX033407.D
Acq: 13 Dec 2022 20:53

Tgt Ion: 41 Resp: 470
Ion Ratio Lower Upper
41 100
39 103.6 61.4 92.2#
76 0.0 29.2 43.8#

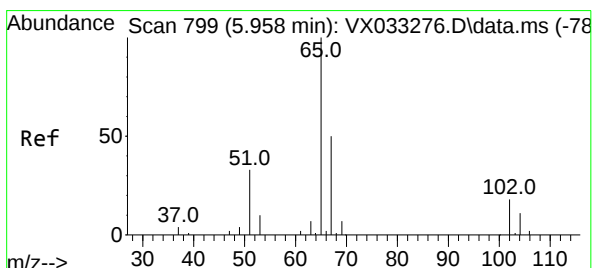
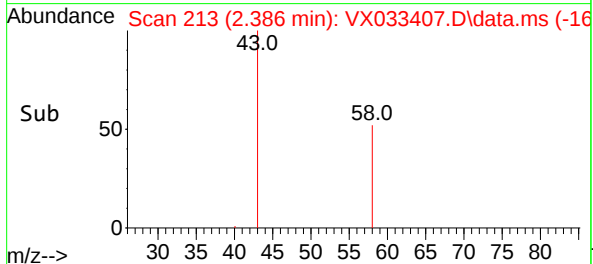
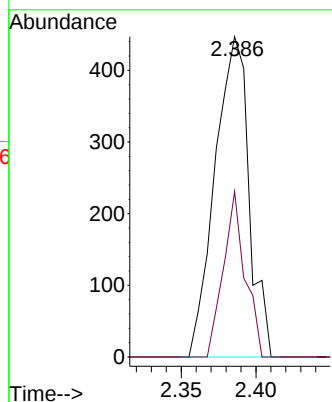
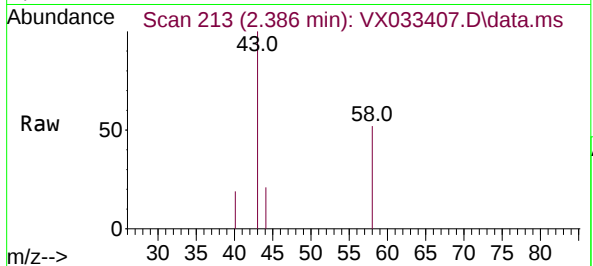




#16
Acetone
Concen: 1.280 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX033407.D
Acq: 13 Dec 2022 20:53

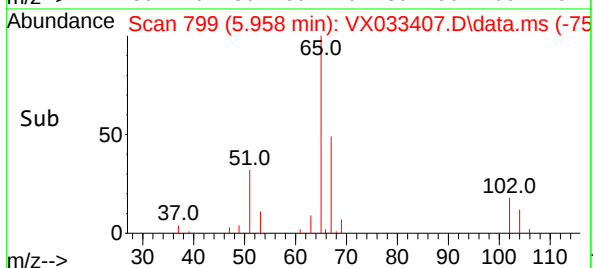
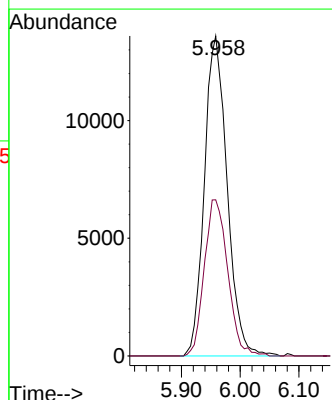
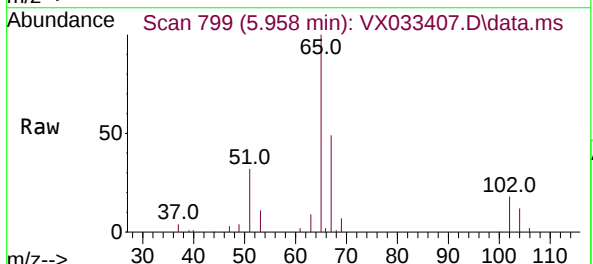
Instrument :
MSVOA_X
ClientSampleId :
MW-11A

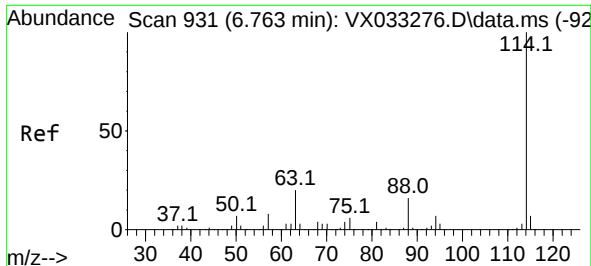
Tgt Ion: 43 Resp: 706
Ion Ratio Lower Upper
43 100
58 51.7 23.8 35.8#



#33
1,2-Dichloroethane-d4
Concen: 49.142 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033407.D
Acq: 13 Dec 2022 20:53

Tgt Ion: 65 Resp: 36640
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.8

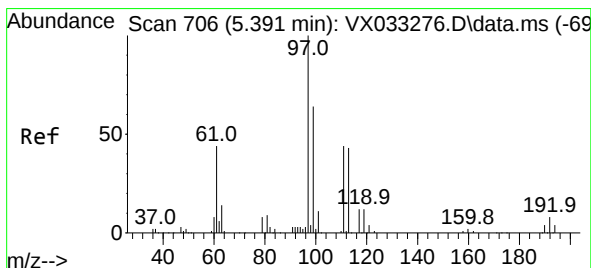
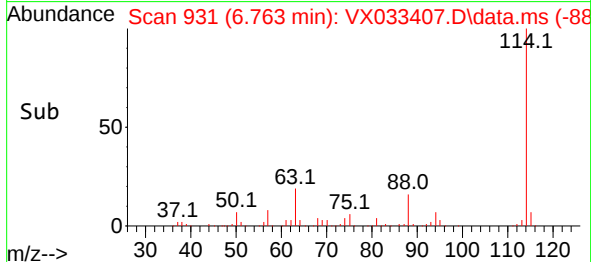
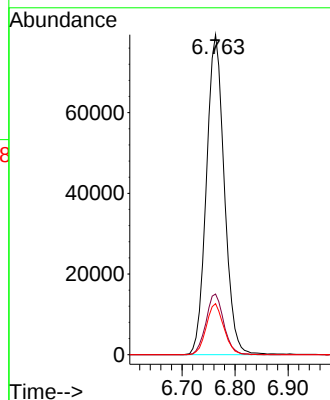
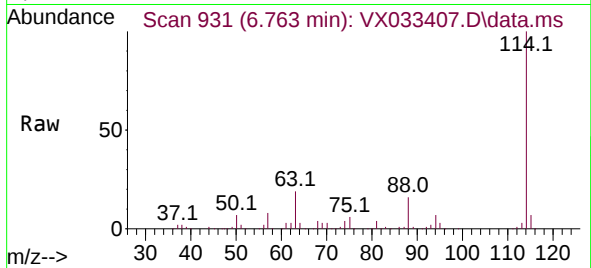




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX033407.D
Acq: 13 Dec 2022 20:53

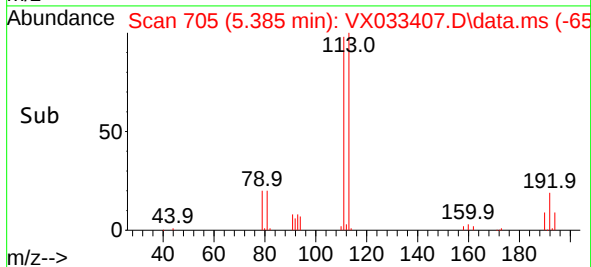
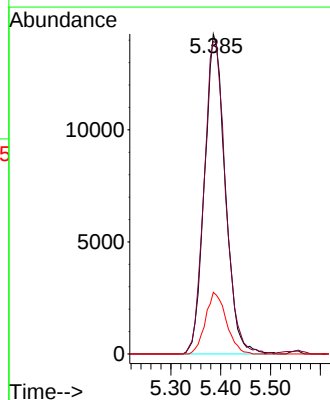
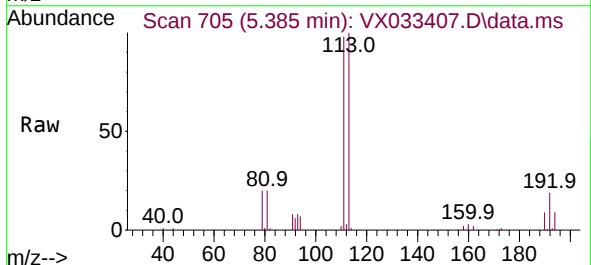
Instrument :
MSVOA_X
ClientSampleId :
MW-11A

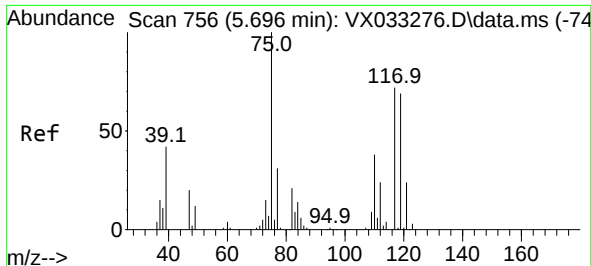
Tgt Ion:114 Resp: 185807
Ion Ratio Lower Upper
114 100
63 19.0 0.0 41.6
88 16.0 0.0 33.4



#35
Dibromofluoromethane
Concen: 49.324 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033407.D
Acq: 13 Dec 2022 20:53

Tgt Ion:113 Resp: 41221
Ion Ratio Lower Upper
113 100
111 101.2 82.4 123.6
192 19.3 15.4 23.2

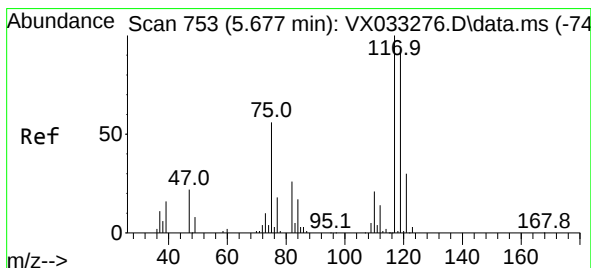
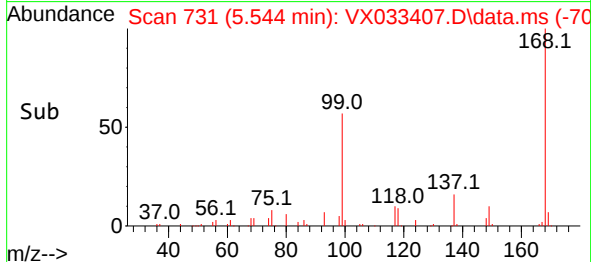
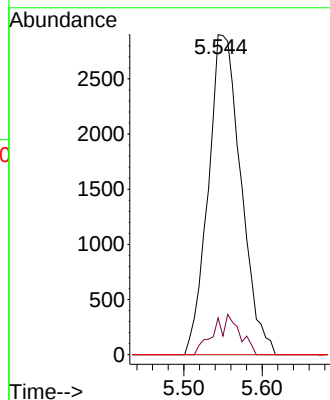
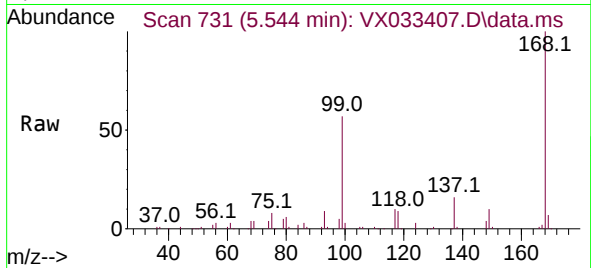




#36
1,1-Dichloropropene
Concen: 5.162 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX033407.D
Acq: 13 Dec 2022 20:53

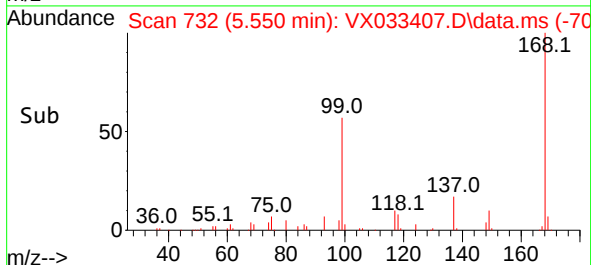
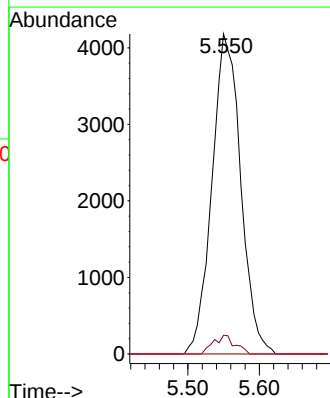
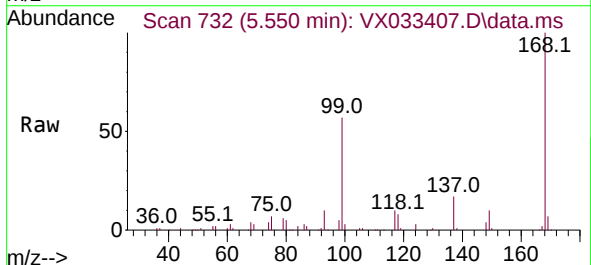
Instrument :
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ClientSampleId :
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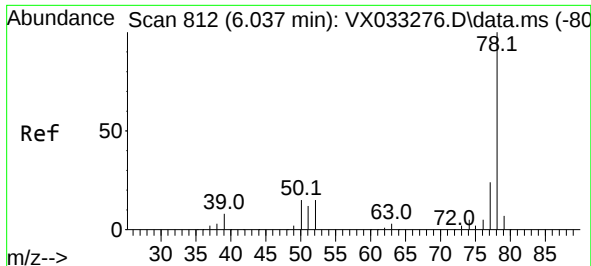
Tgt Ion: 75 Resp: 8411
Ion Ratio Lower Upper
75 100
110 10.1 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.385 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX033407.D
Acq: 13 Dec 2022 20:53

Tgt Ion: 117 Resp: 11656
Ion Ratio Lower Upper
117 100
119 5.9 77.2 115.8#
121 0.0 25.8 38.6#

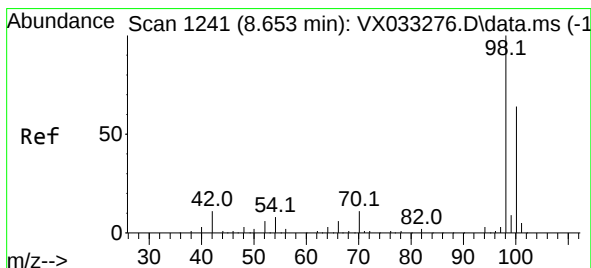
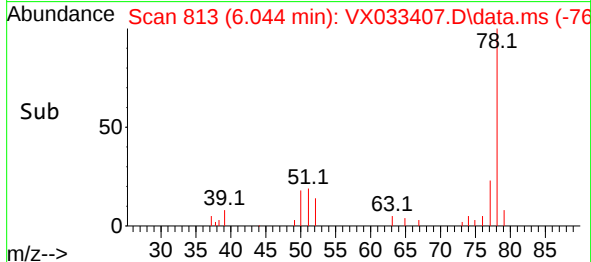
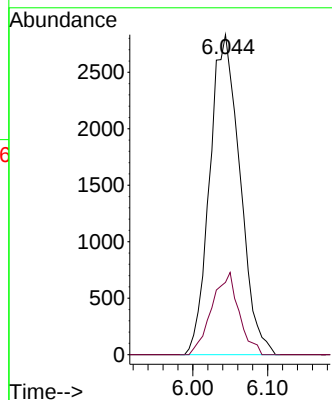
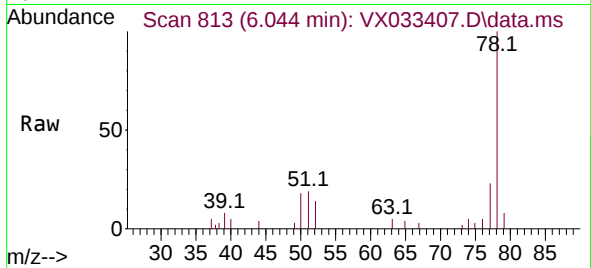




#40
Benzene
Concen: 1.676 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX033407.D
Acq: 13 Dec 2022 20:53

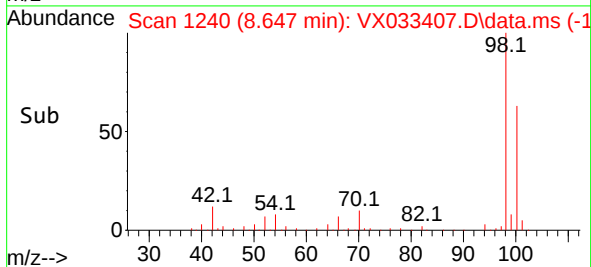
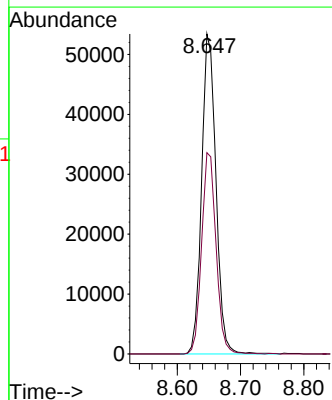
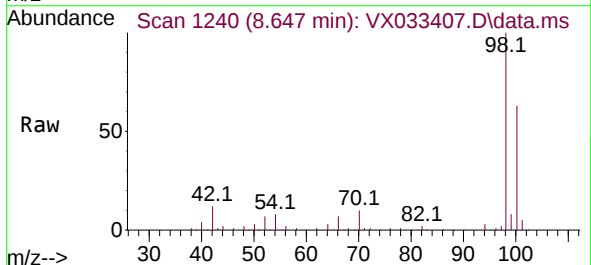
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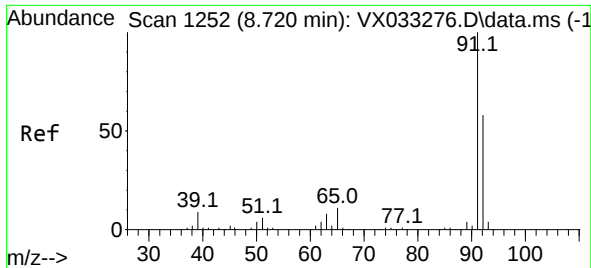
Tgt Ion: 78 Resp: 7963
Ion Ratio Lower Upper
78 100
77 22.6 19.0 28.4



#50
Toluene-d8
Concen: 48.152 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033407.D
Acq: 13 Dec 2022 20:53

Tgt Ion: 98 Resp: 84183
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3

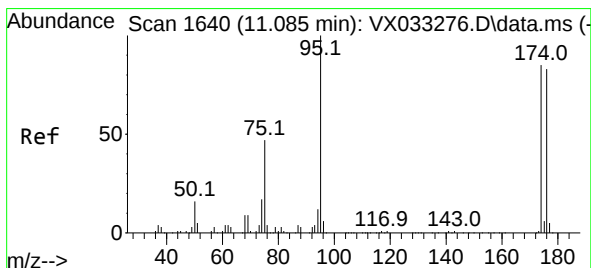
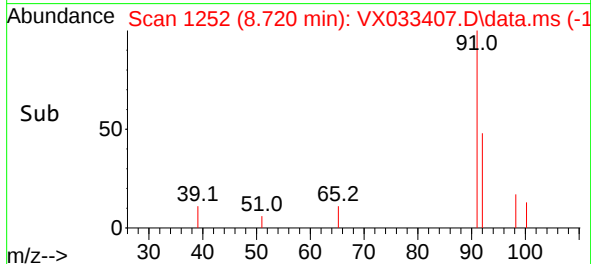
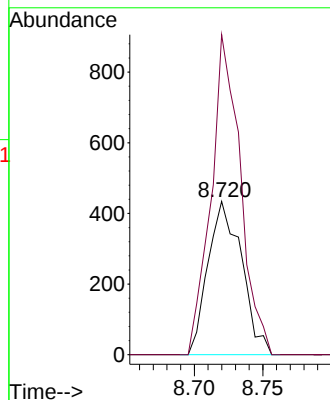
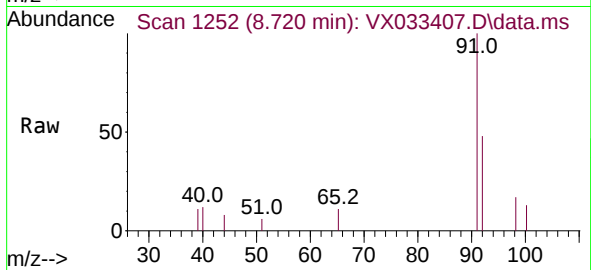




#52
Toluene
Concen: 0.242 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033407.D
Acq: 13 Dec 2022 20:53

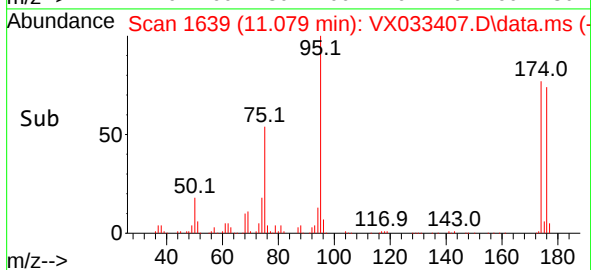
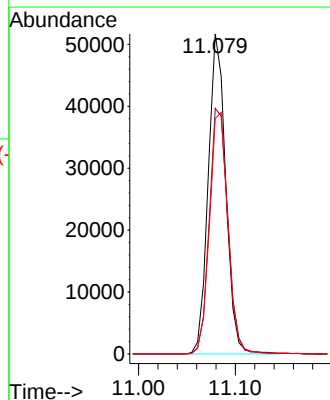
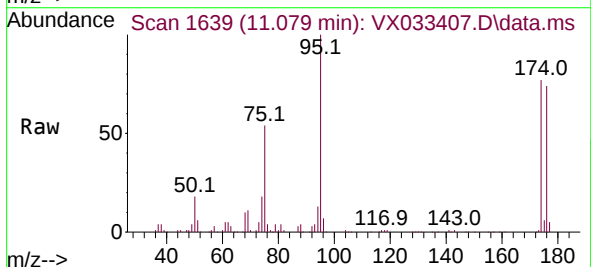
Instrument :
MSVOA_X
ClientSampleId :
MW-11A

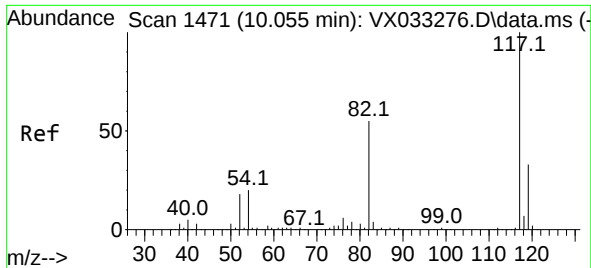
Tgt Ion: 92 Resp: 742
Ion Ratio Lower Upper
92 100
91 181.9 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 48.577 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033407.D
Acq: 13 Dec 2022 20:53

Tgt Ion: 95 Resp: 64936
Ion Ratio Lower Upper
95 100
174 81.6 0.0 164.0
176 79.9 0.0 154.4

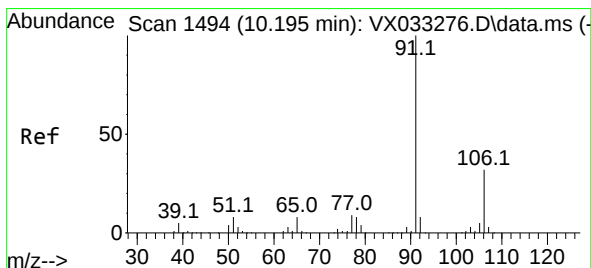
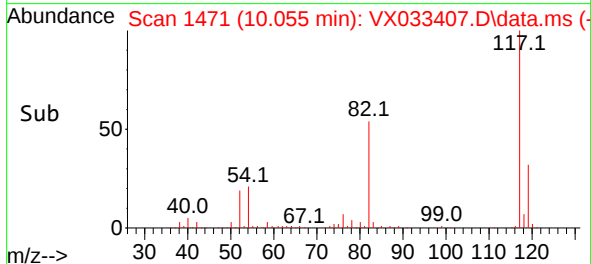
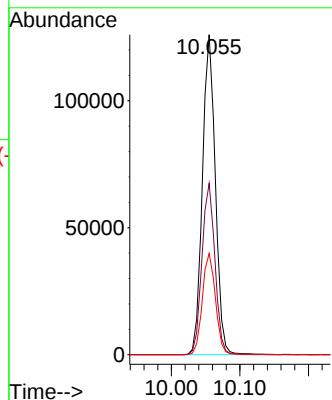
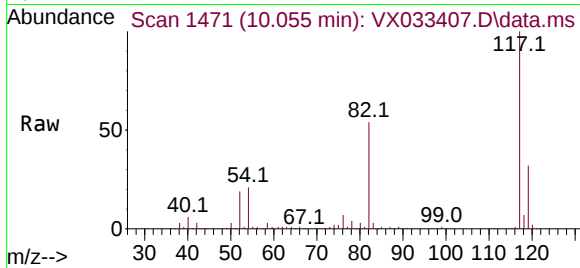




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033407.D
Acq: 13 Dec 2022 20:53

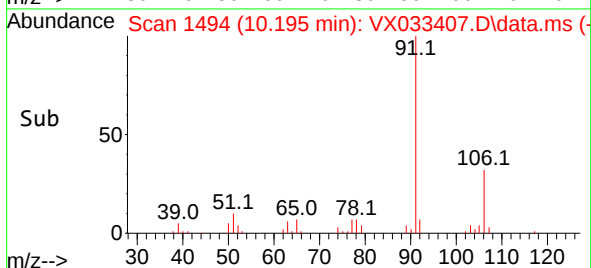
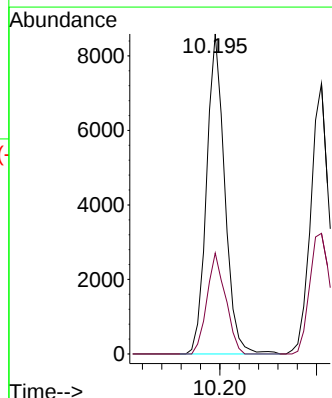
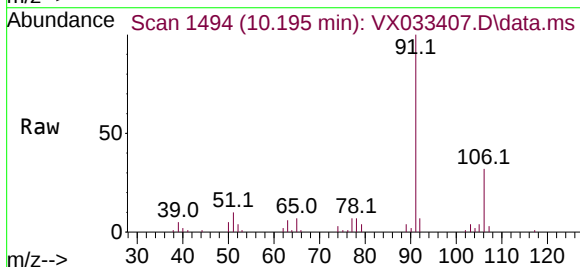
Instrument :
MSVOA_X
ClientSampleId :
MW-11A

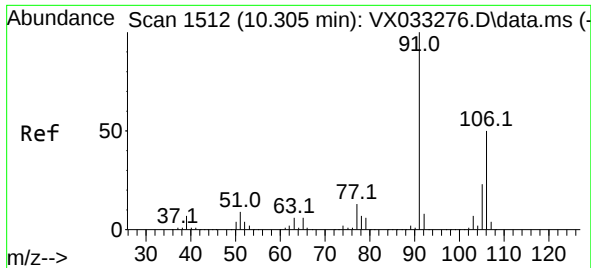
Tgt Ion:117 Resp: 165937
Ion Ratio Lower Upper
117 100
82 53.5 44.3 66.5
119 31.6 25.7 38.5



#67
Ethyl Benzene
Concen: 1.917 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033407.D
Acq: 13 Dec 2022 20:53

Tgt Ion: 91 Resp: 11222
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.6

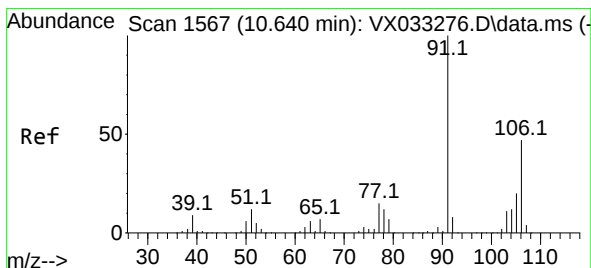
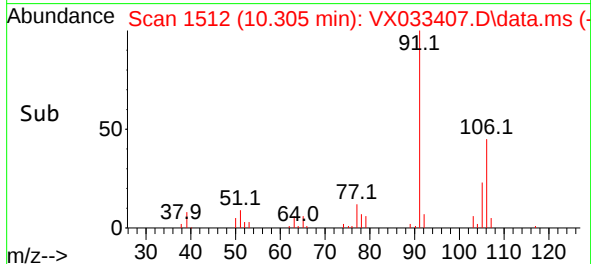
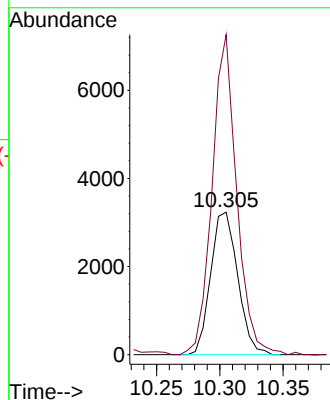
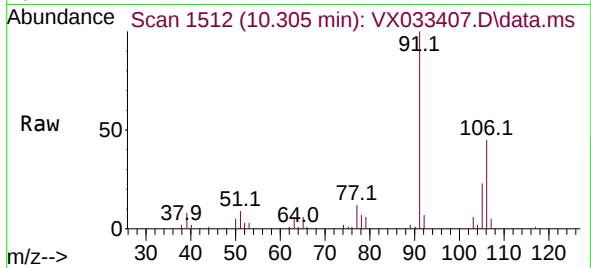




#68
m/p-Xylenes
Concen: 2.109 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX033407.D
Acq: 13 Dec 2022 20:53

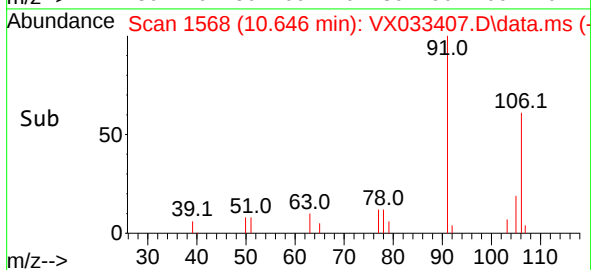
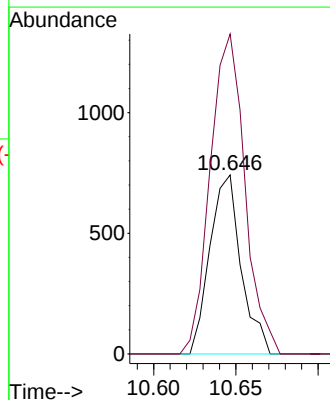
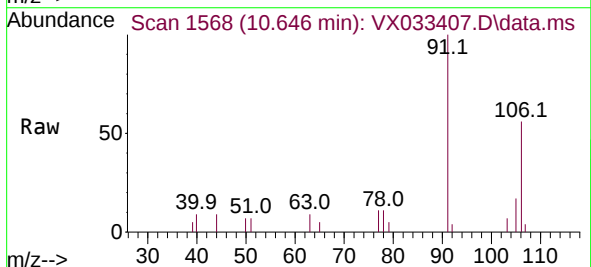
Instrument :
MSVOA_X
ClientSampleId :
MW-11A

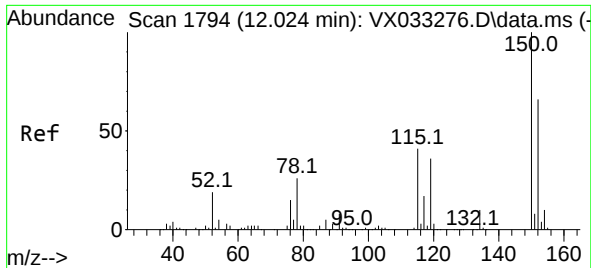
Tgt Ion:106 Resp: 4803
Ion Ratio Lower Upper
106 100
91 204.3 164.5 246.7



#69
o-Xylene
Concen: 0.435 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX033407.D
Acq: 13 Dec 2022 20:53

Tgt Ion:106 Resp: 979
Ion Ratio Lower Upper
106 100
91 198.5 109.2 327.6

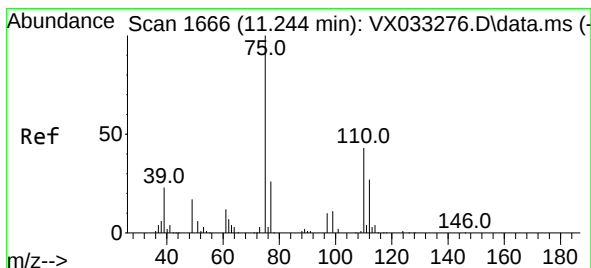
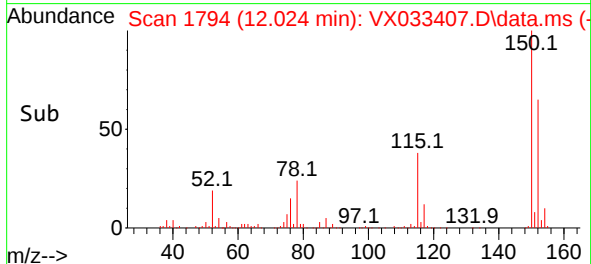
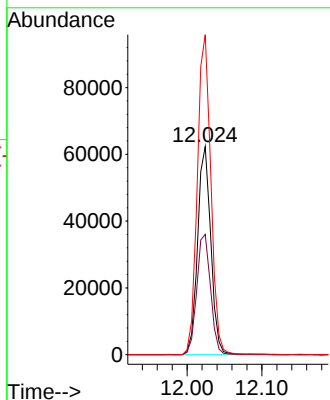
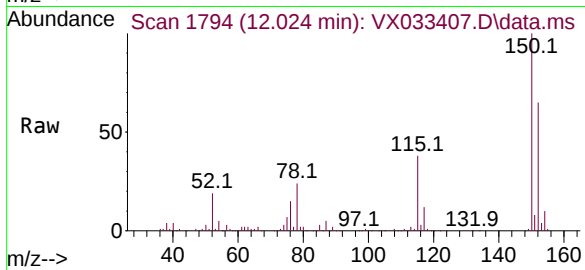




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033407.D
 Acq: 13 Dec 2022 20:53

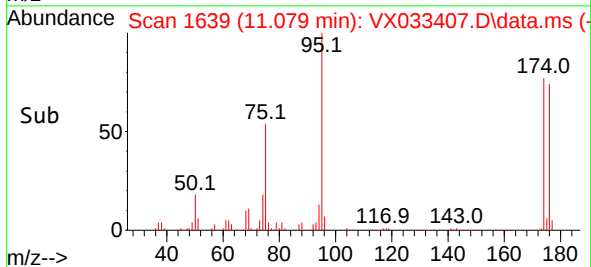
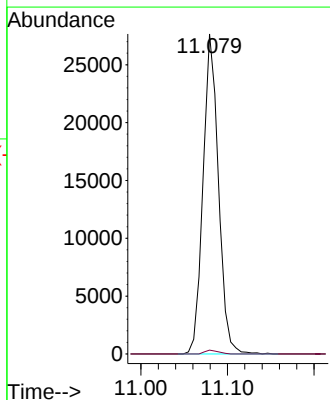
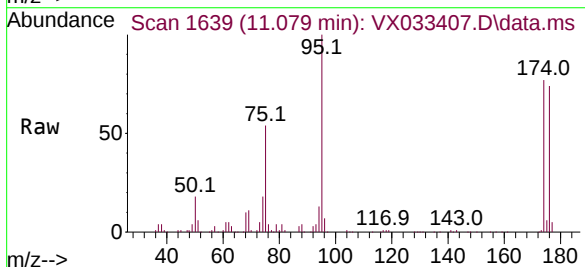
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11A

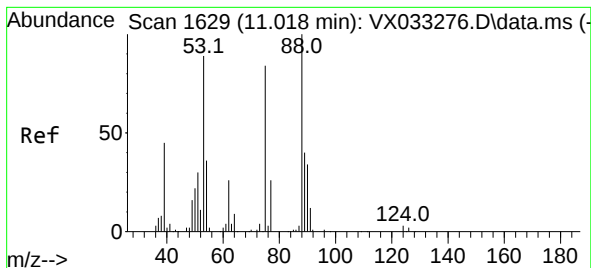
Tgt Ion:152 Resp: 76490
 Ion Ratio Lower Upper
 152 100
 115 60.5 44.0 132.0
 150 157.6 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 21.947 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX033407.D
 Acq: 13 Dec 2022 20:53

Tgt Ion: 75 Resp: 34154
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.270 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033407.D
 Acq: 13 Dec 2022 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11A

Tgt Ion: 75 Resp: 34154
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.1 38.3 57.5#

