

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110722\
 Data File : VX032626.D
 Acq On : 07 Nov 2022 14:51
 Operator : JC/MD
 Sample : N5484-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P2-1

Quant Time: Nov 08 03:13:25 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

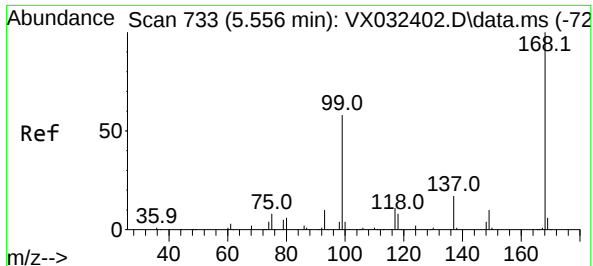
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	103351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	169869	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72098	50.206	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.420%	
35) Dibromofluoromethane	5.391	113	55697	45.966	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.940%	
50) Toluene-d8	8.653	98	204799	48.607	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.220%	
62) 4-Bromofluorobenzene	11.079	95	77016	46.795	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.580%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	846	4.048	ug/l #	72
14) Allyl chloride	2.562	41	825	0.499	ug/l #	66
16) Acetone	2.386	43	1029	1.972	ug/l #	88
18) Methyl Acetate	2.550	43	2356	1.388	ug/l #	51
20) Methylene Chloride	2.800	84	672	0.562	ug/l #	65
25) 2-Butanone	4.562	43	428	0.529	ug/l #	47
26) 2,2-Dichloropropane	4.574	77	482	0.295	ug/l #	53
28) Bromochloromethane	5.099	49	1265	1.728	ug/l #	9
30) Chloroform	5.099	83	14434	6.399	ug/l	98
31) Cyclohexane	5.544	56	2134	1.226	ug/l #	10
36) 1,1-Dichloropropene	5.556	75	8022	4.754	ug/l #	50
37) Ethyl Acetate	4.562	43	428	0.244	ug/l #	47
38) Carbon Tetrachloride	5.556	117	10622	5.676	ug/l #	14
51) 4-Methyl-2-Pentanone	8.653	43	909	0.535	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	43204	28.272	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	43204	89.963	ug/l #	6

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

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Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

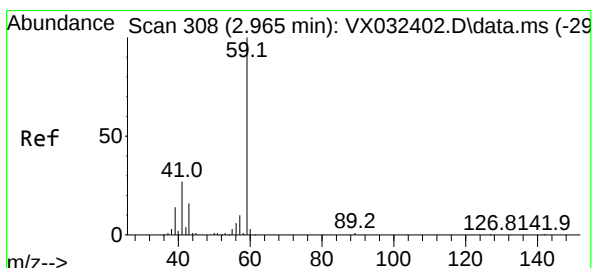
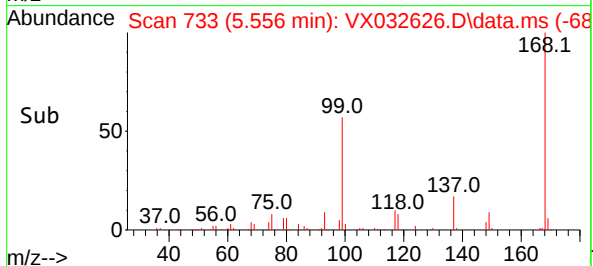
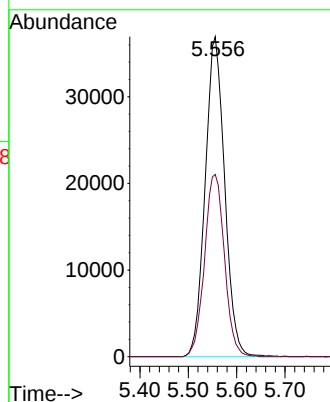
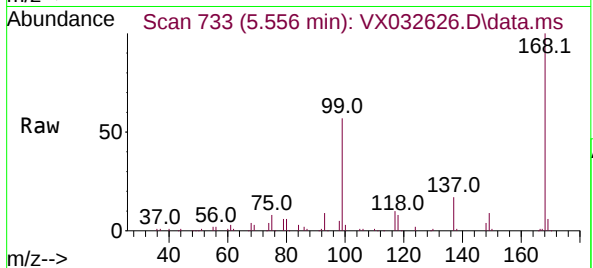




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032626.D
Acq: 07 Nov 2022 14:51

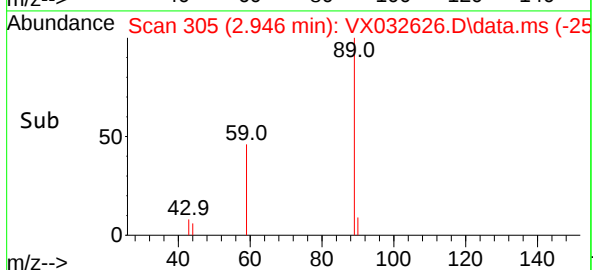
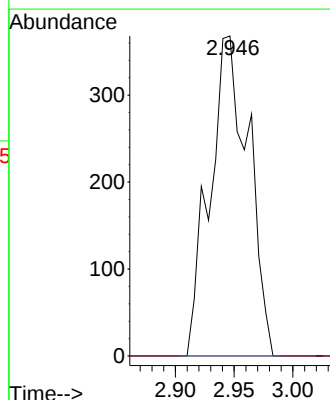
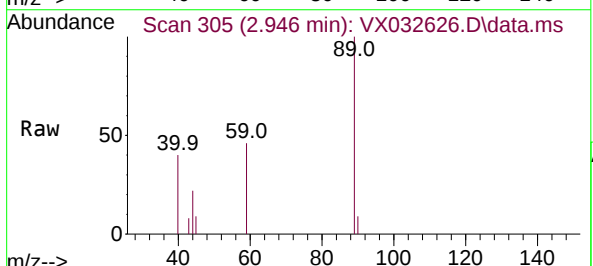
Instrument :
MSVOA_X
ClientSampleId :
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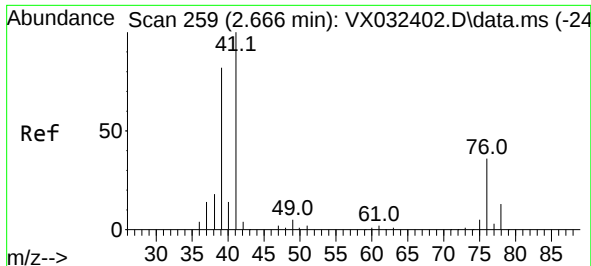
Tgt Ion:168 Resp: 103351
Ion Ratio Lower Upper
168 100
99 56.9 46.1 69.1



#11
Tert butyl alcohol
Concen: 4.048 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX032626.D
Acq: 07 Nov 2022 14:51

Tgt Ion: 59 Resp: 846
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

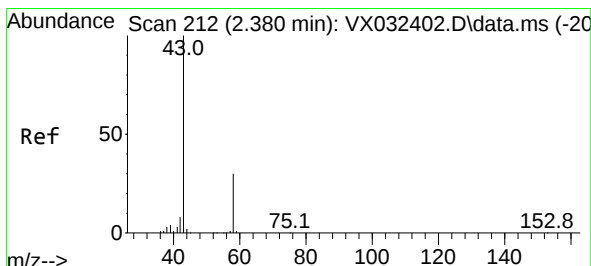
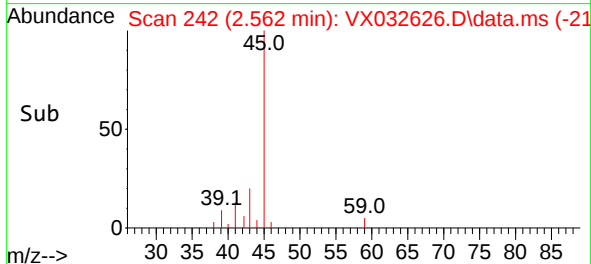
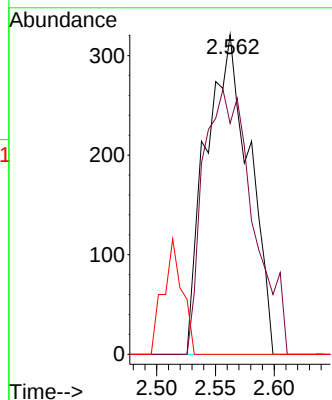
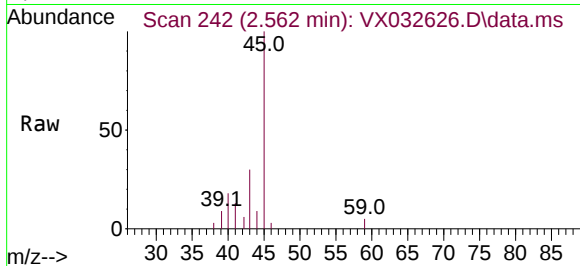




#14
 Allyl chloride
 Concen: 0.499 ug/l
 RT: 2.562 min Scan# 241
 Delta R.T. -0.104 min
 Lab File: VX032626.D
 Acq: 07 Nov 2022 14:51

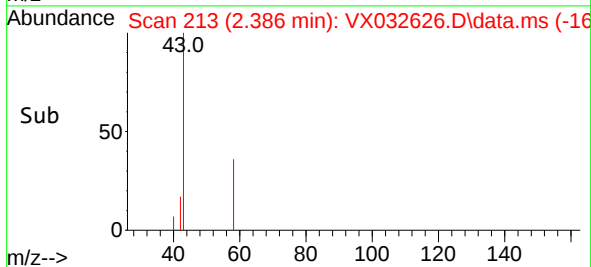
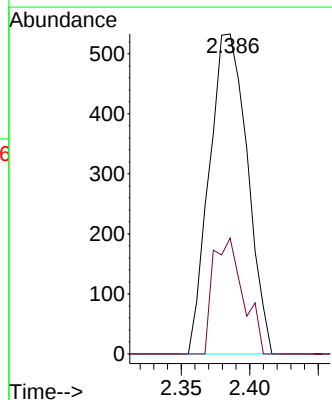
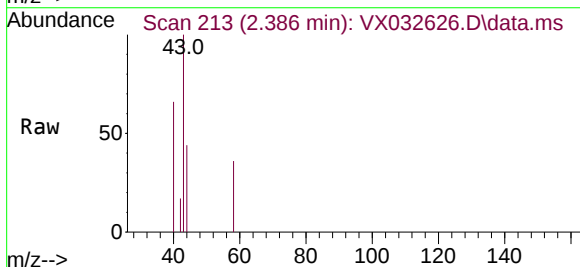
Instrument :
 MSVOA_X
 ClientSampleId :
 P2-1

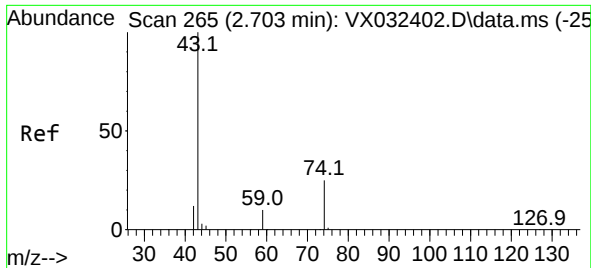
Tgt Ion: 41 Resp: 825
 Ion Ratio Lower Upper
 41 100
 39 95.2 61.4 92.2#
 76 0.0 29.2 43.8#



#16
 Acetone
 Concen: 1.972 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VX032626.D
 Acq: 07 Nov 2022 14:51

Tgt Ion: 43 Resp: 1029
 Ion Ratio Lower Upper
 43 100
 58 36.2 23.8 35.8#

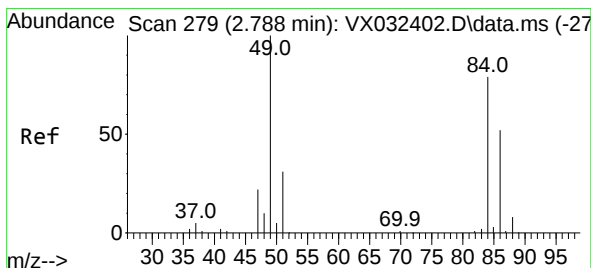
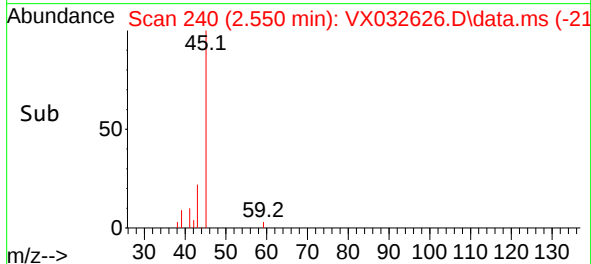
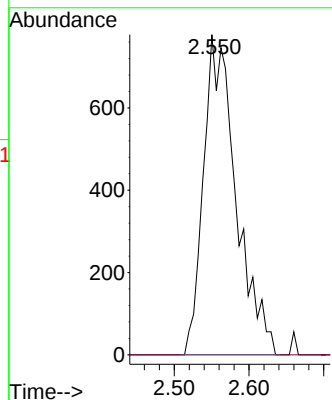
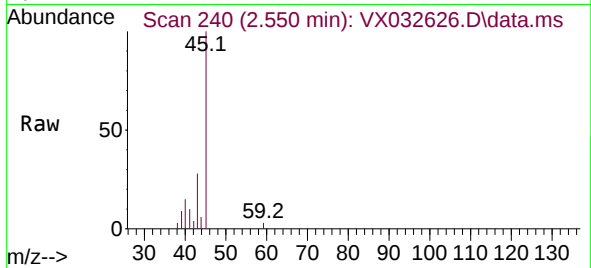




#18
Methyl Acetate
Concen: 1.388 ug/l
RT: 2.550 min Scan# 241
Delta R.T. -0.152 min
Lab File: VX032626.D
Acq: 07 Nov 2022 14:51

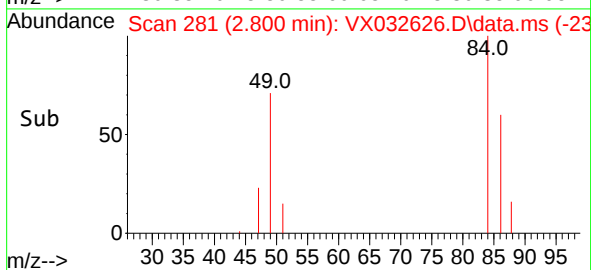
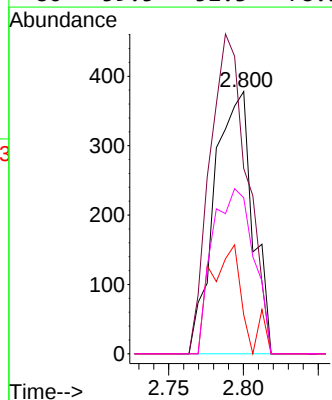
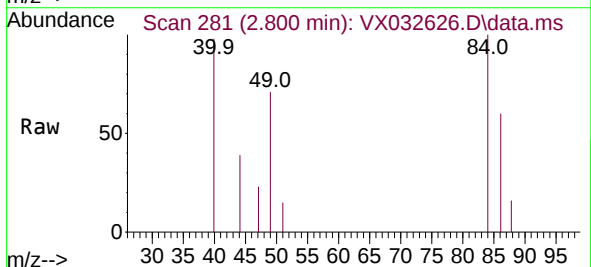
Instrument :
MSVOA_X
ClientSampleId :
P2-1

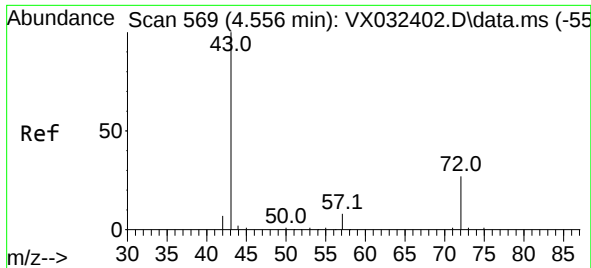
Tgt Ion: 43 Resp: 2356
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#



#20
Methylene Chloride
Concen: 0.562 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX032626.D
Acq: 07 Nov 2022 14:51

Tgt Ion: 84 Resp: 672
Ion Ratio Lower Upper
84 100
49 70.6 101.0 151.6#
51 14.8 31.1 46.7#
86 59.5 52.3 78.5

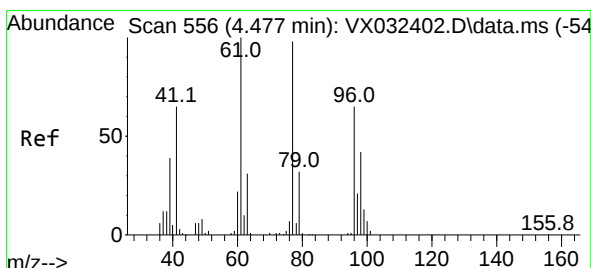
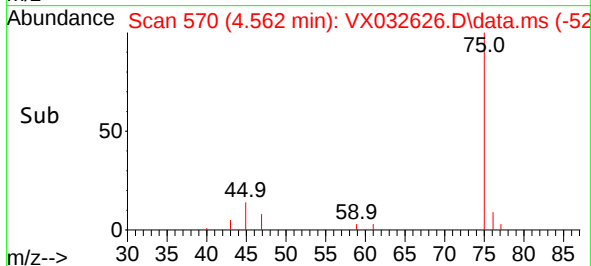
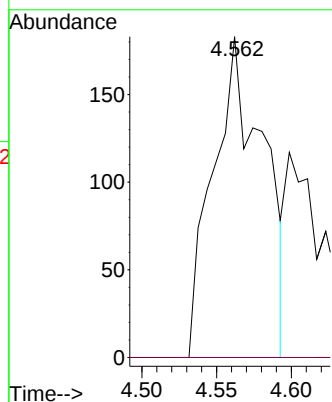
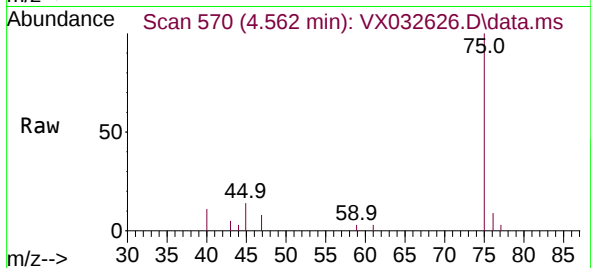




#25
2-Butanone
Concen: 0.529 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX032626.D
Acq: 07 Nov 2022 14:51

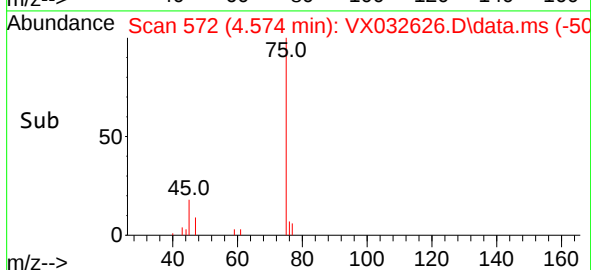
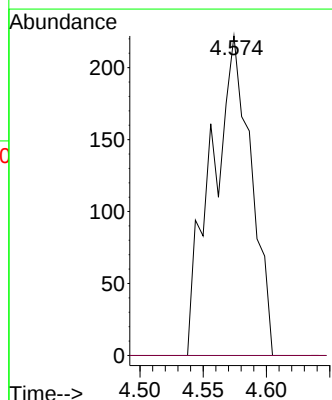
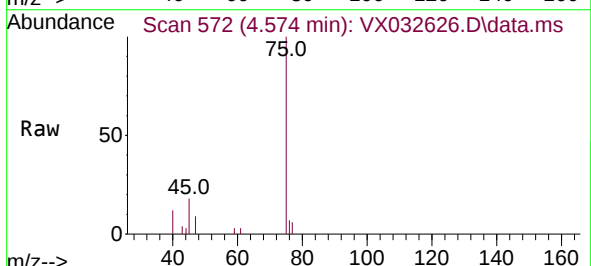
Instrument :
MSVOA_X
ClientSampleId :
P2-1

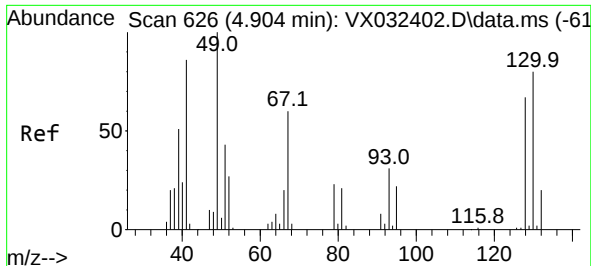
Tgt Ion: 43 Resp: 428
Ion Ratio Lower Upper
43 100
72 0.0 22.2 33.2#



#26
2,2-Dichloropropane
Concen: 0.295 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.097 min
Lab File: VX032626.D
Acq: 07 Nov 2022 14:51

Tgt Ion: 77 Resp: 482
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.1#

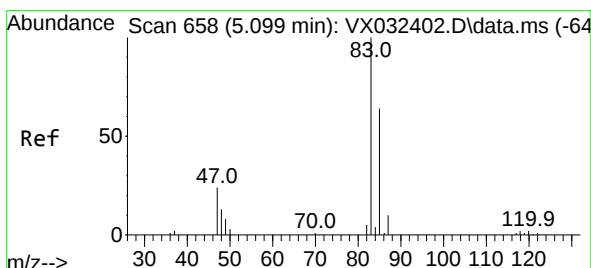
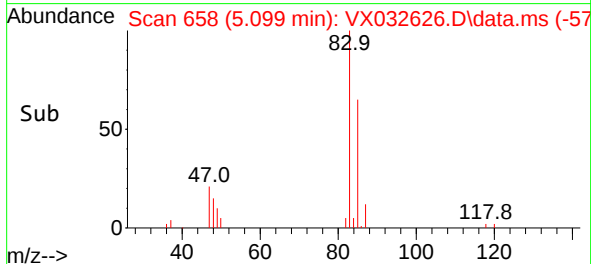
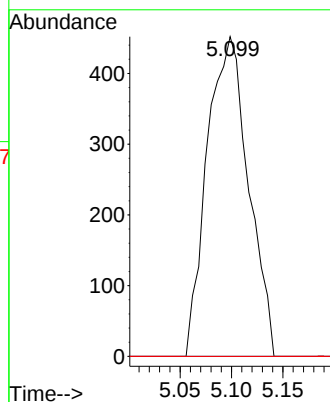
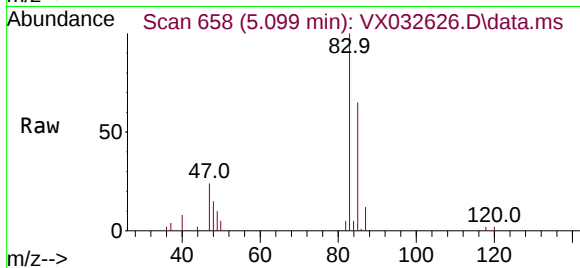




#28
Bromochloromethane
Concen: 1.728 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.195 min
Lab File: VX032626.D
Acq: 07 Nov 2022 14:51

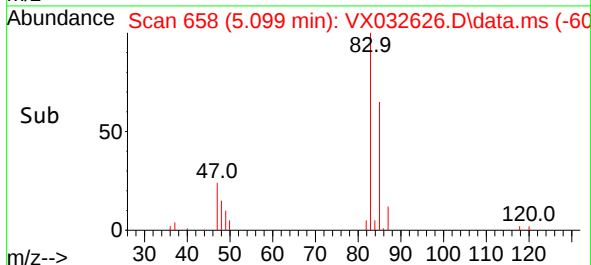
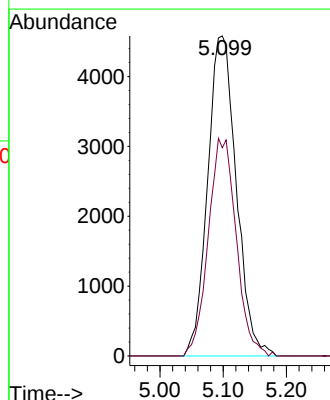
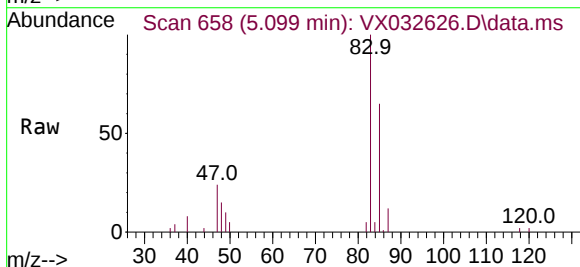
Instrument :
MSVOA_X
ClientSampleId :
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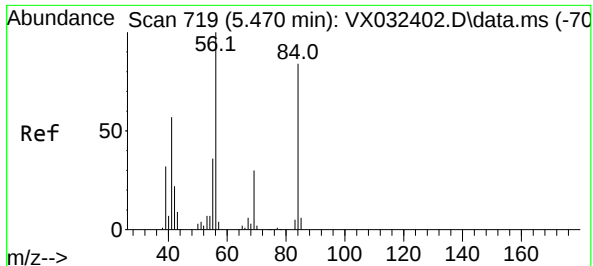
Tgt Ion: 49 Resp: 1265
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 67.5 101.3#



#30
Chloroform
Concen: 6.399 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX032626.D
Acq: 07 Nov 2022 14:51

Tgt Ion: 83 Resp: 14434
Ion Ratio Lower Upper
83 100
85 65.1 51.1 76.7

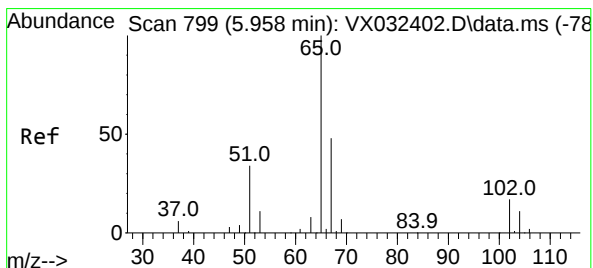
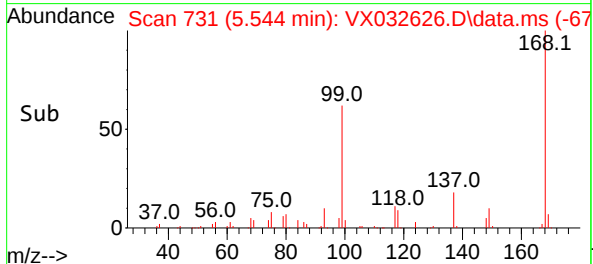
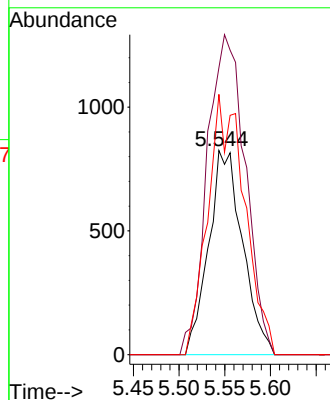
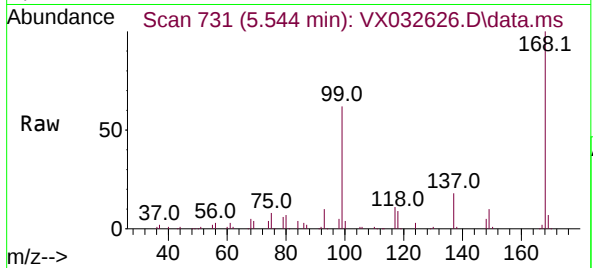




#31
Cyclohexane
Concen: 1.226 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX032626.D
Acq: 07 Nov 2022 14:51

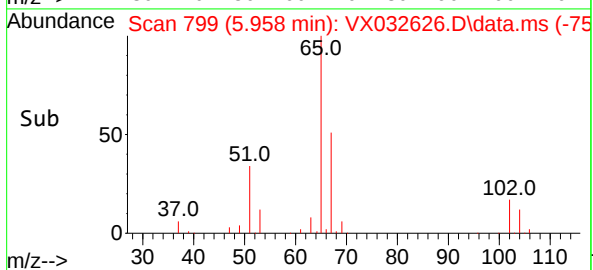
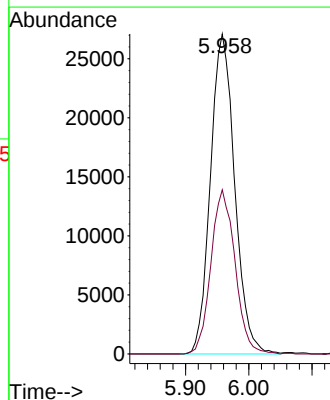
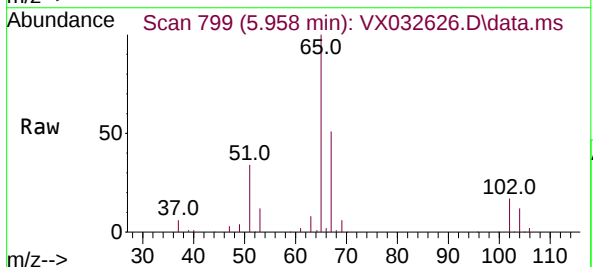
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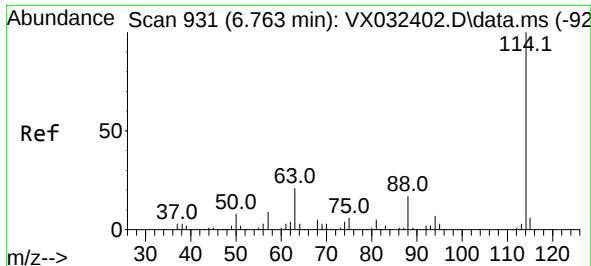
Tgt Ion: 56 Resp: 2134
Ion Ratio Lower Upper
56 100
69 140.6 24.1 36.1#
84 127.5 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 50.206 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032626.D
Acq: 07 Nov 2022 14:51

Tgt Ion: 65 Resp: 72098
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.8

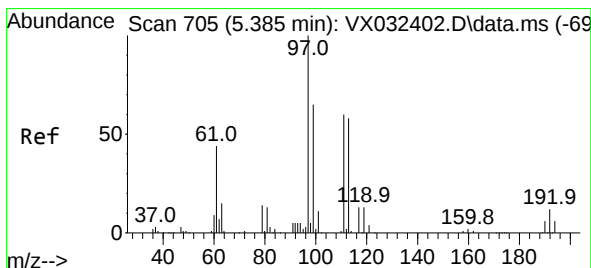
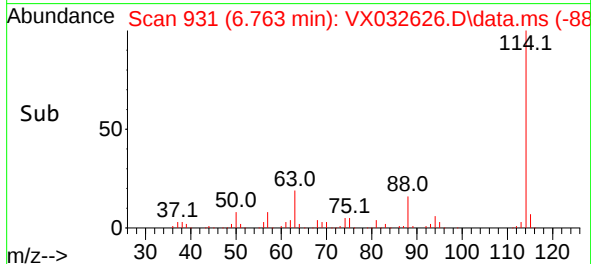
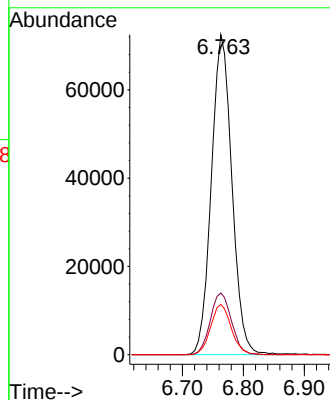
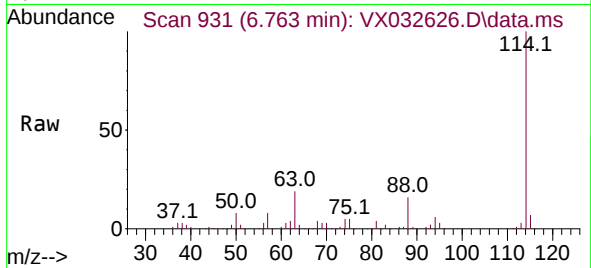




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032626.D
Acq: 07 Nov 2022 14:51

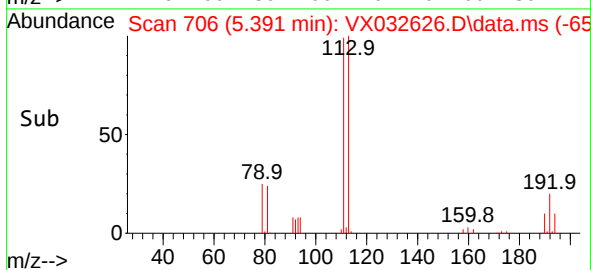
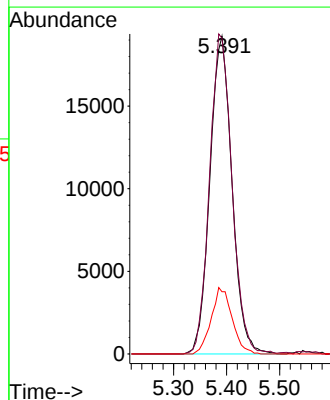
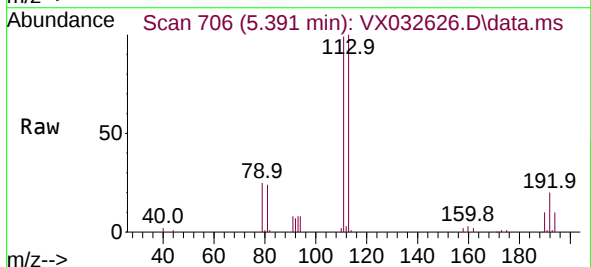
Instrument :
MSVOA_X
ClientSampleId :
P2-1

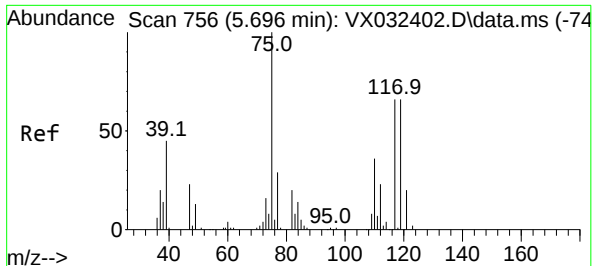
Tgt Ion:114 Resp: 169869
Ion Ratio Lower Upper
114 100
63 19.3 0.0 41.6
88 15.7 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.966 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032626.D
Acq: 07 Nov 2022 14:51

Tgt Ion:113 Resp: 55697
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 19.7 15.4 23.2

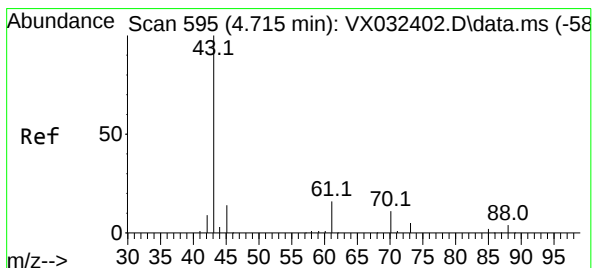
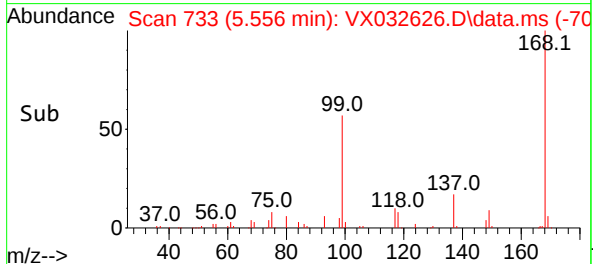
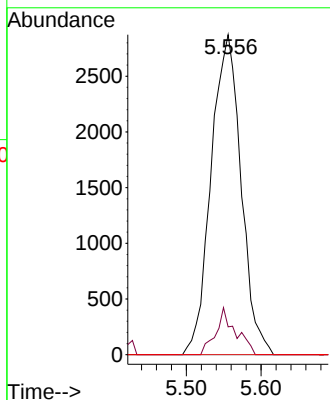
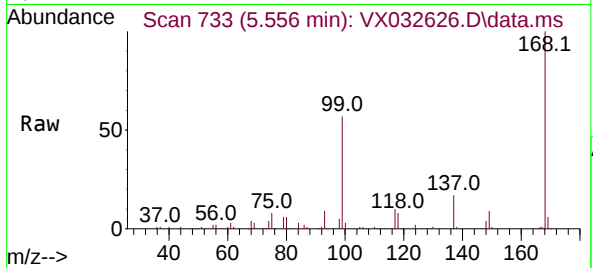




#36
1,1-Dichloropropene
Concen: 4.754 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX032626.D
Acq: 07 Nov 2022 14:51

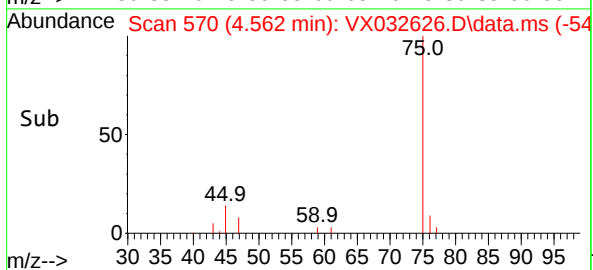
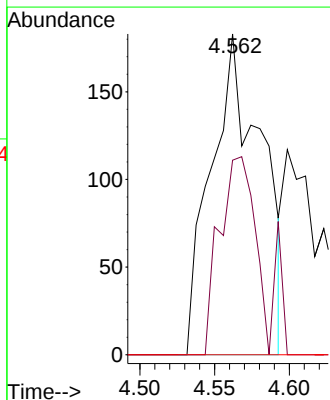
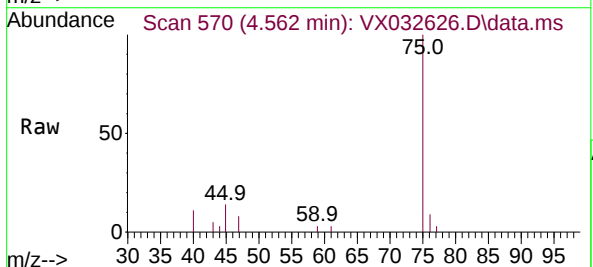
Instrument :
MSVOA_X
ClientSampleId :
P2-1

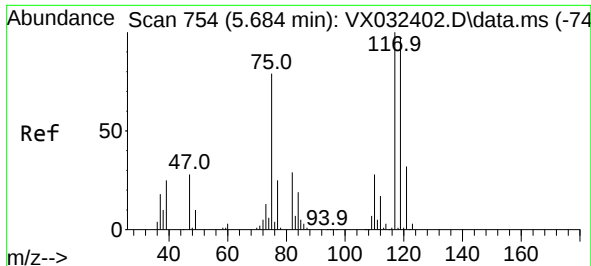
Tgt Ion: 75 Resp: 8022
Ion Ratio Lower Upper
75 100
110 9.6 18.4 55.2#
77 0.0 24.5 36.7#



#37
Ethyl Acetate
Concen: 0.244 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.152 min
Lab File: VX032626.D
Acq: 07 Nov 2022 14:51

Tgt Ion: 43 Resp: 428
Ion Ratio Lower Upper
43 100
61 43.5 11.5 17.3#
70 0.0 9.1 13.7#

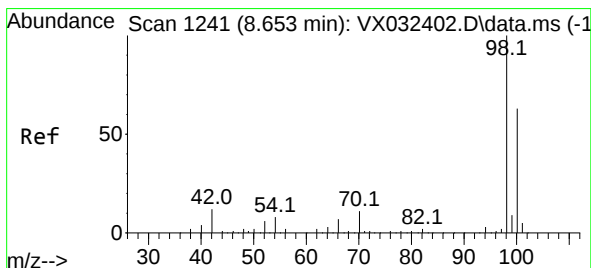
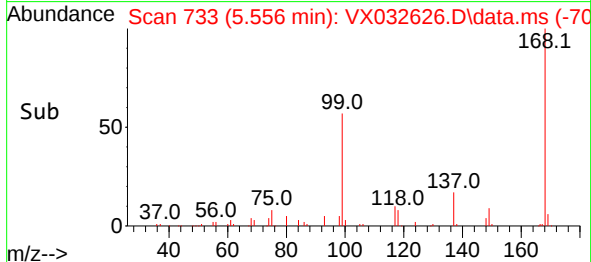
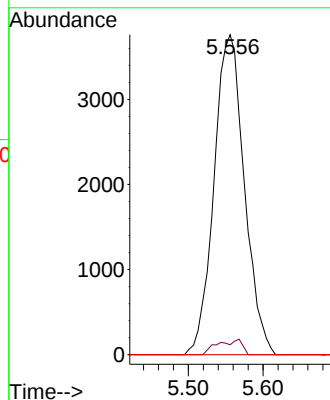
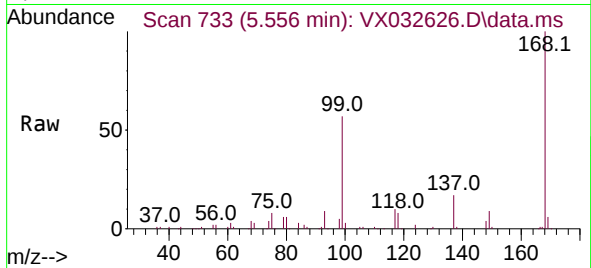




#38
Carbon Tetrachloride
Concen: 5.676 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX032626.D
Acq: 07 Nov 2022 14:51

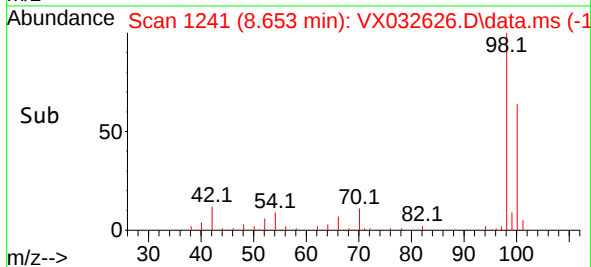
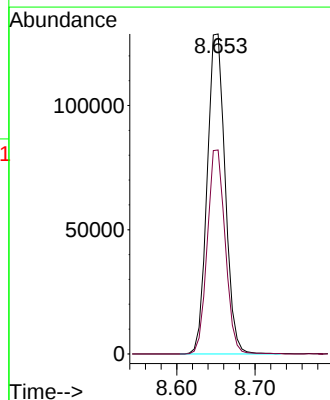
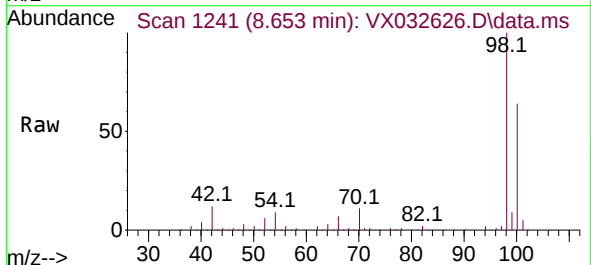
Instrument :
MSVOA_X
ClientSampleId :
P2-1

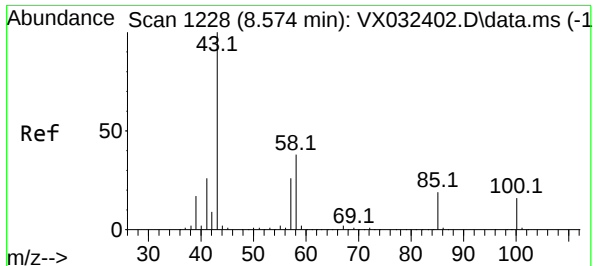
Tgt Ion:117 Resp: 10622
Ion Ratio Lower Upper
117 100
119 3.1 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.607 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032626.D
Acq: 07 Nov 2022 14:51

Tgt Ion: 98 Resp: 204799
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.535 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX032626.D

Acq: 07 Nov 2022 14:51

Instrument :

MSVOA_X

ClientSampleId :

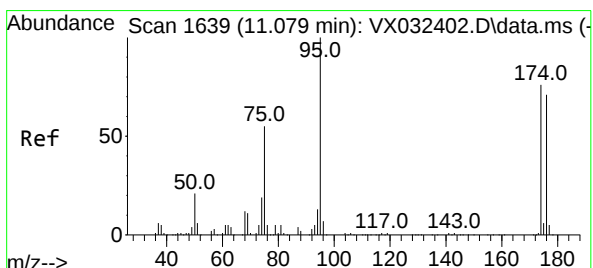
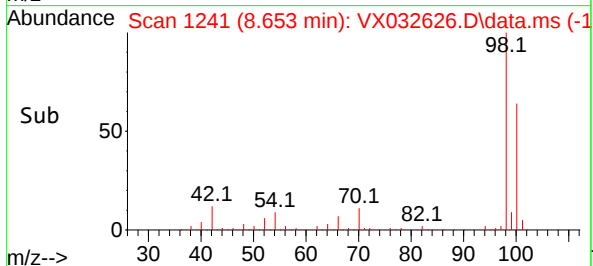
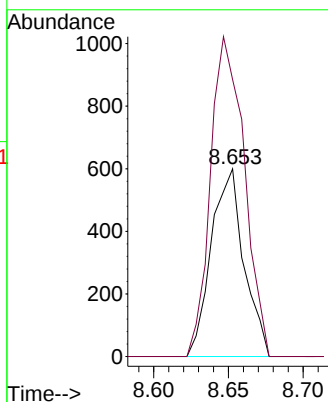
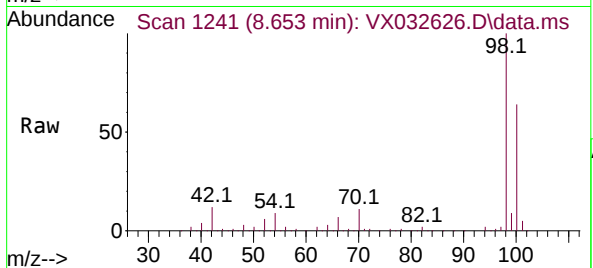
P2-1

Tgt Ion: 43 Resp: 909

Ion Ratio Lower Upper

43 100

58 176.7 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 46.795 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX032626.D

Acq: 07 Nov 2022 14:51

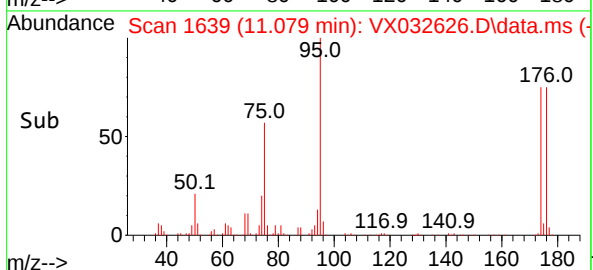
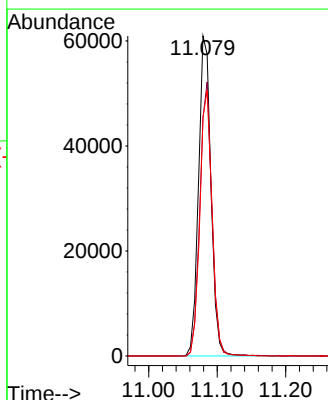
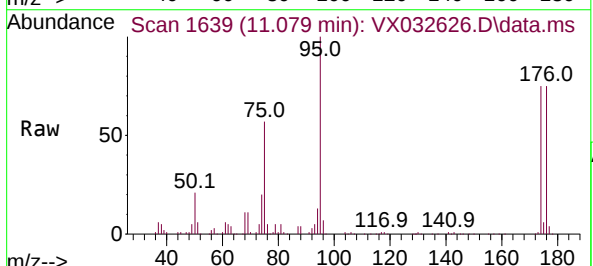
Tgt Ion: 95 Resp: 77016

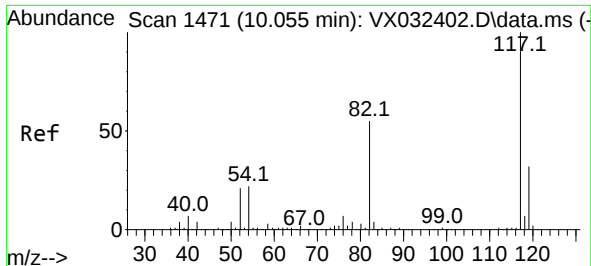
Ion Ratio Lower Upper

95 100

174 83.4 0.0 164.0

176 81.7 0.0 154.4

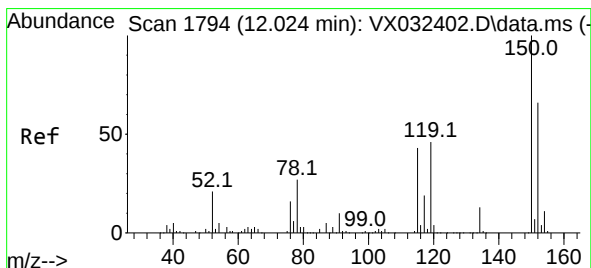
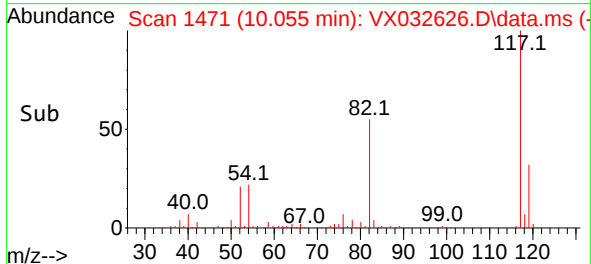
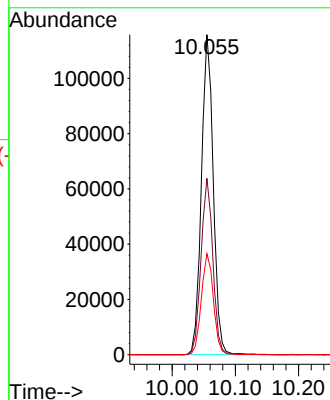
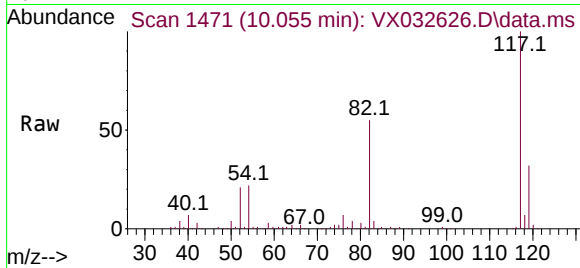




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032626.D
Acq: 07 Nov 2022 14:51

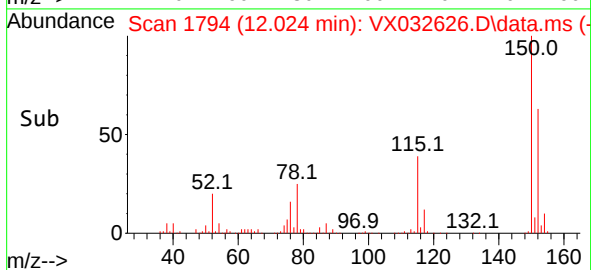
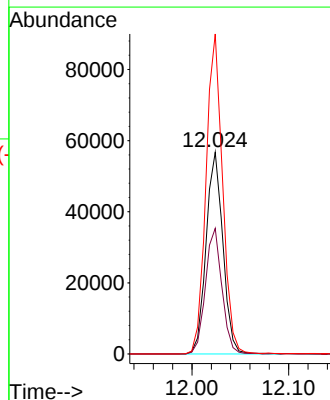
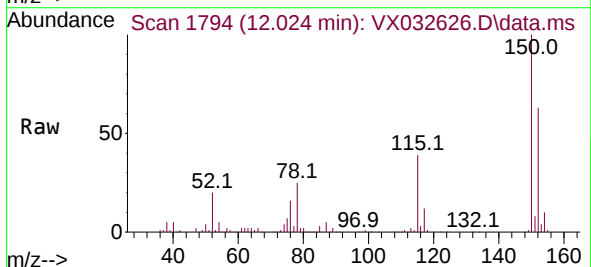
Instrument :
MSVOA_X
ClientSampleId :
P2-1

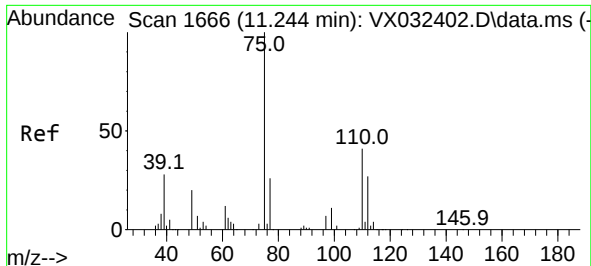
Tgt Ion:117 Resp: 151193
Ion Ratio Lower Upper
117 100
82 55.1 44.3 66.5
119 31.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032626.D
Acq: 07 Nov 2022 14:51

Tgt Ion:152 Resp: 68688
Ion Ratio Lower Upper
152 100
115 61.1 44.0 132.0
150 156.0 0.0 351.8

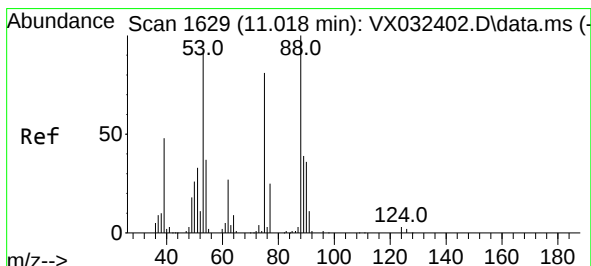
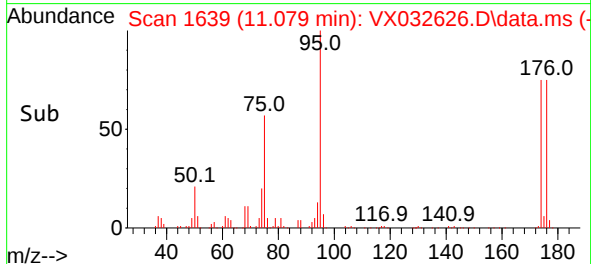
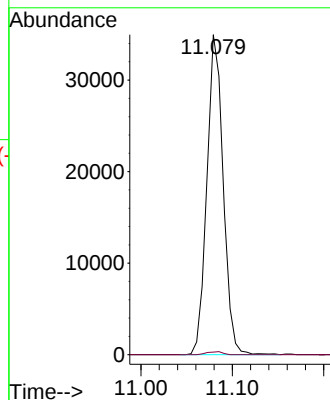
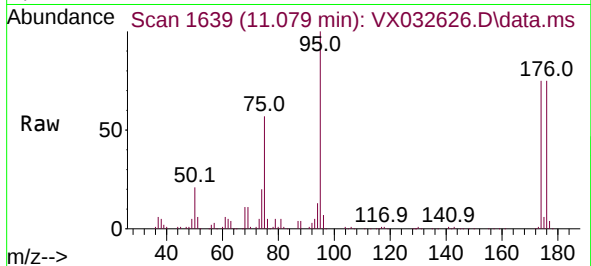




#76
1,2,3-Trichloropropane
Concen: 28.272 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032626.D
Acq: 07 Nov 2022 14:51

Instrument :
MSVOA_X
ClientSampleId :
P2-1

Tgt Ion: 75 Resp: 43204
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.963 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032626.D
Acq: 07 Nov 2022 14:51

Tgt Ion: 75 Resp: 43204
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

