

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081523\
 Data File : VX036991.D
 Acq On : 15 Aug 2023 16:32
 Operator : JC/MD
 Sample : 03989-03
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-PP24B

Quant Time: Aug 16 05:48:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

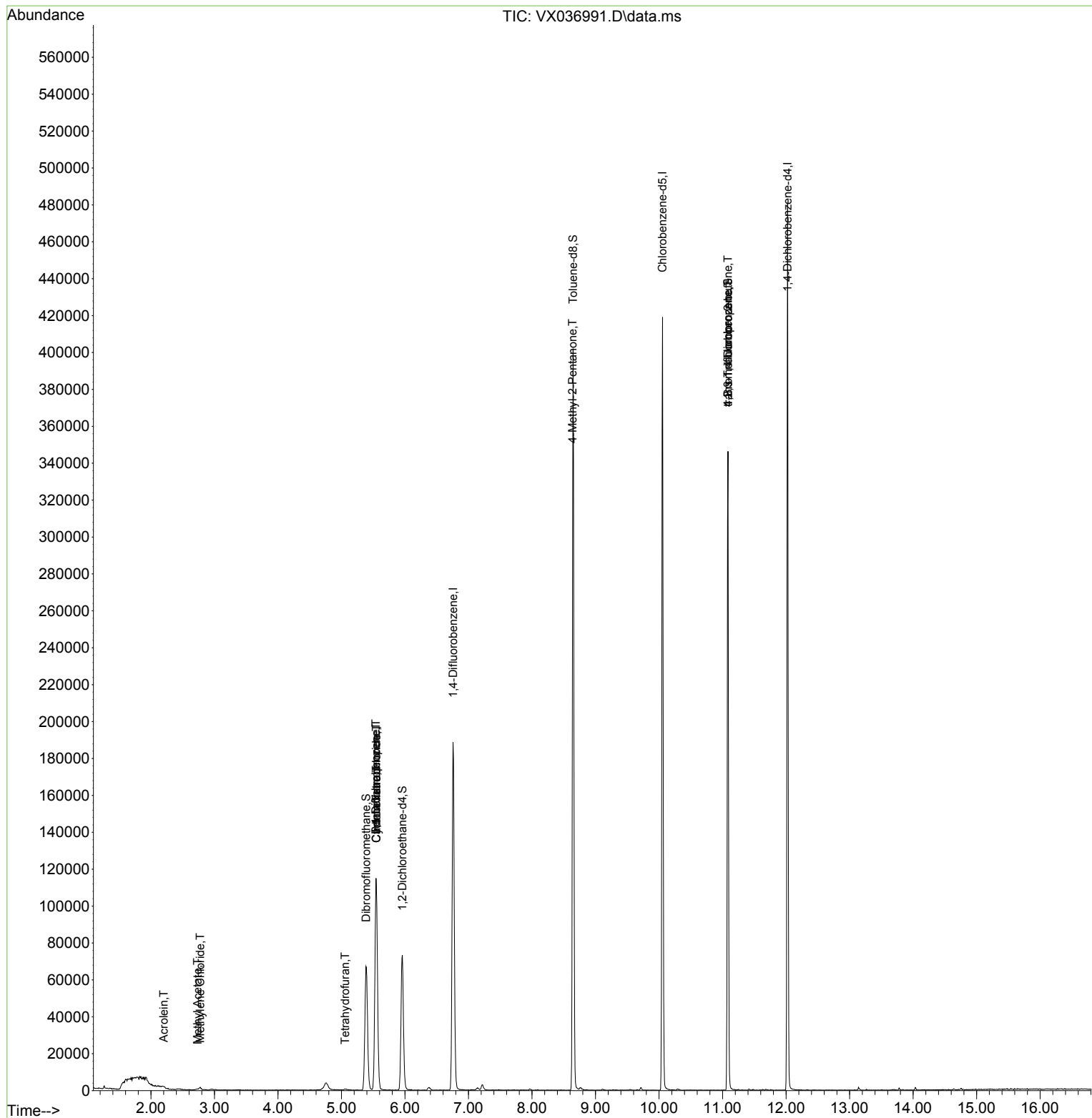
Internal Standards						
1) Pentafluorobenzene	5.544	168	106814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	193086	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95060	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73031	46.208	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.420%		
35) Dibromofluoromethane	5.385	113	59347	44.717	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.440%		
50) Toluene-d8	8.647	98	233898	49.698	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.400%		
62) 4-Bromofluorobenzene	11.085	95	98119	55.258	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.520%		
Target Compounds						
					Qvalue	
13) Acrolein	2.203	56	68	0.318	ug/l #	14
18) Methyl Acetate	2.733	43	579	0.210	ug/l #	53
20) Methylene Chloride	2.776	84	755	0.518	ug/l #	82
29) Tetrahydrofuran	5.056	42	314	0.458	ug/l #	82
31) Cyclohexane	5.550	56	2150	0.983	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	8735	4.416	ug/l #	50
38) Carbon Tetrachloride	5.550	117	11186	5.319	ug/l #	14
51) 4-Methyl-2-Pentanone	8.641	43	1123	0.527	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	50301	22.497	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	50301	50.990	ug/l #	5

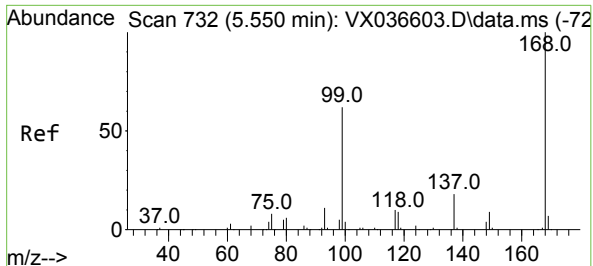
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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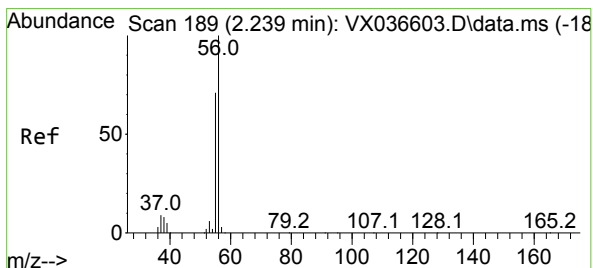
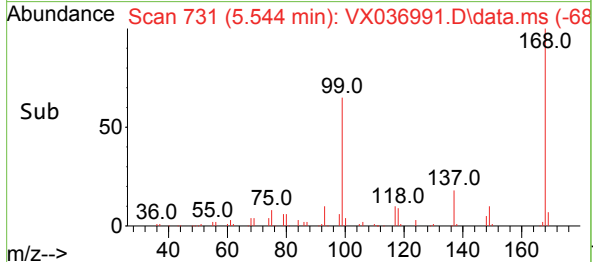
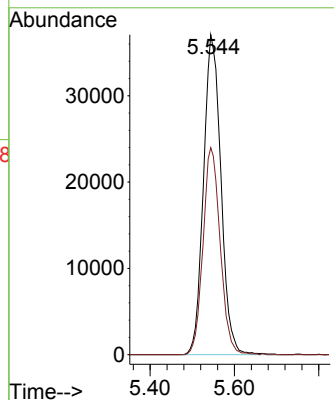
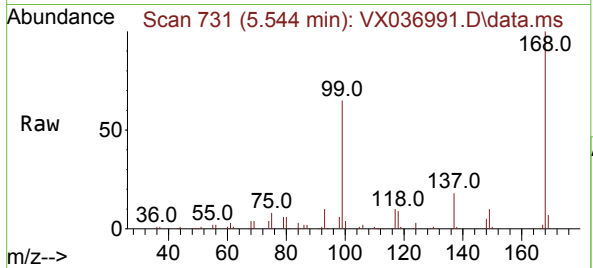




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX036991.D
Acq: 15 Aug 2023 16:32

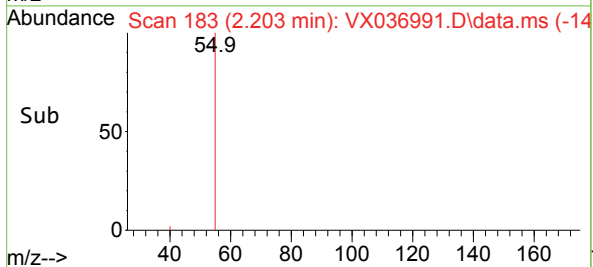
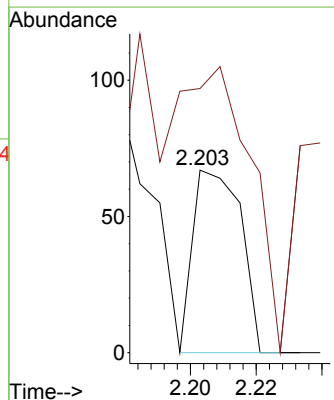
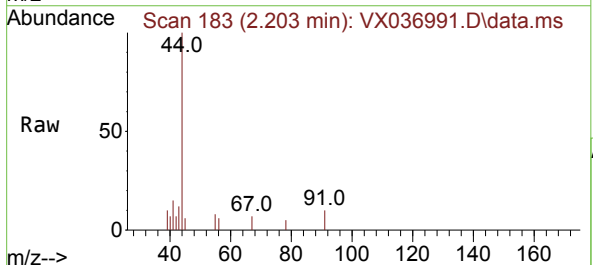
Instrument :
MSVOA_X
ClientSampleId :
B-PP24B

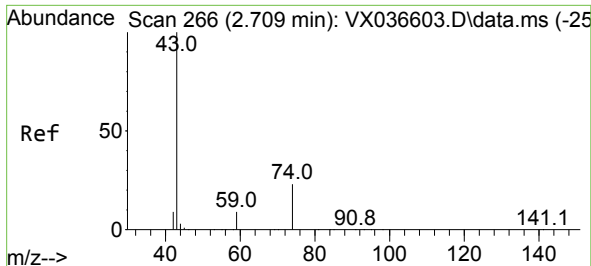
Tgt Ion:168 Resp: 106814
Ion Ratio Lower Upper
168 100
99 64.7 56.6 85.0



#13
Acrolein
Concen: 0.318 ug/l
RT: 2.203 min Scan# 183
Delta R.T. -0.036 min
Lab File: VX036991.D
Acq: 15 Aug 2023 16:32

Tgt Ion: 56 Resp: 68
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#

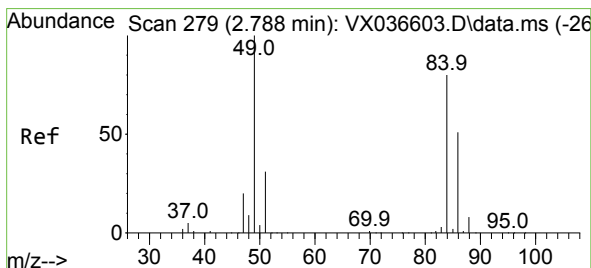
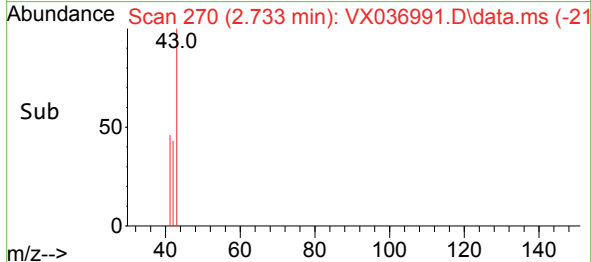
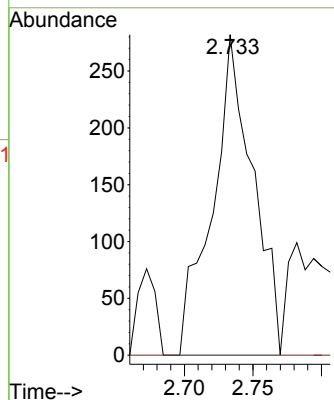
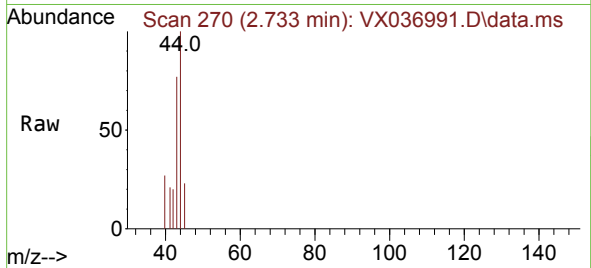




#18
Methyl Acetate
Concen: 0.210 ug/l
RT: 2.733 min Scan# 21
Delta R.T. 0.025 min
Lab File: VX036991.D
Acq: 15 Aug 2023 16:32

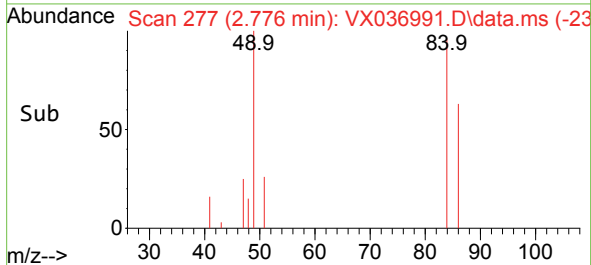
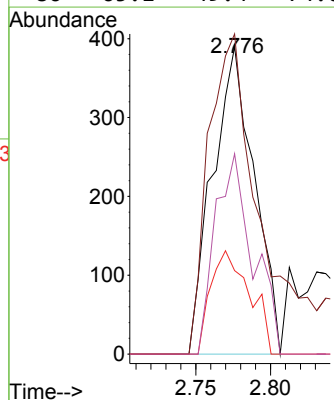
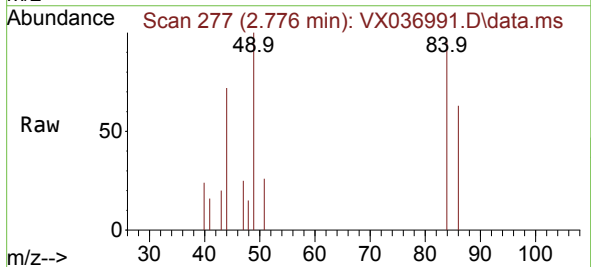
Instrument :
MSVOA_X
ClientSampleId :
B-PP24B

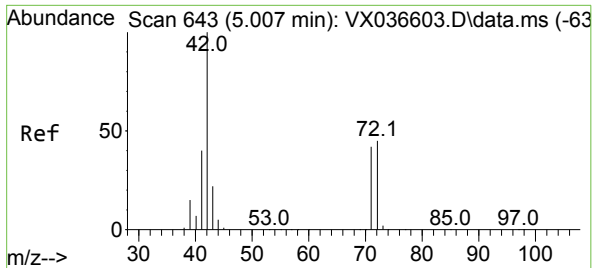
Tgt Ion: 43 Resp: 579
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: 0.518 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.012 min
Lab File: VX036991.D
Acq: 15 Aug 2023 16:32

Tgt Ion: 84 Resp: 755
Ion Ratio Lower Upper
84 100
49 104.1 103.6 155.4
51 27.2 33.8 50.6#
86 65.1 49.4 74.0





#29

Tetrahydrofuran

Concen: 0.458 ug/l

RT: 5.056 min Scan# 61

Delta R.T. 0.049 min

Lab File: VX036991.D

Acq: 15 Aug 2023 16:32

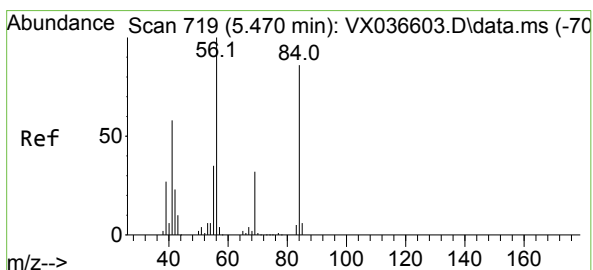
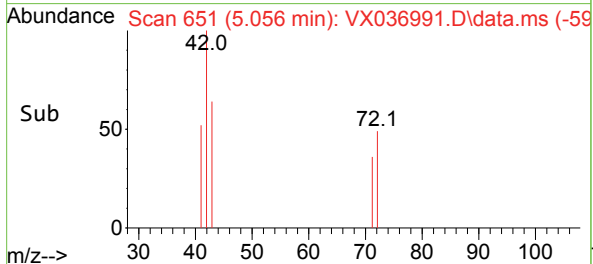
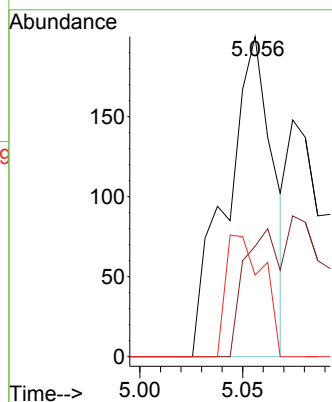
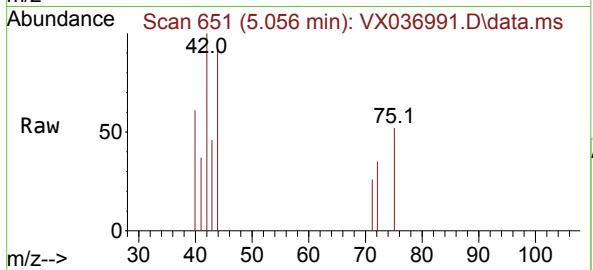
Instrument :

MSVOA_X

ClientSampleId :

B-PP24B

Tgt Ion:	42	Resp:	314
Ion	Ratio	Lower	Upper
42	100		
72	30.6	34.2	51.4#
71	30.3	32.2	48.2#



#31

Cyclohexane

Concen: 0.983 ug/l

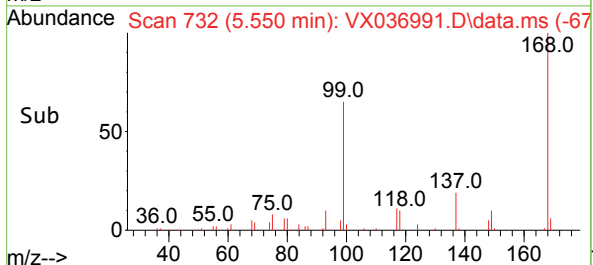
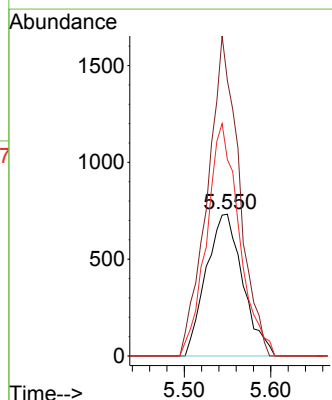
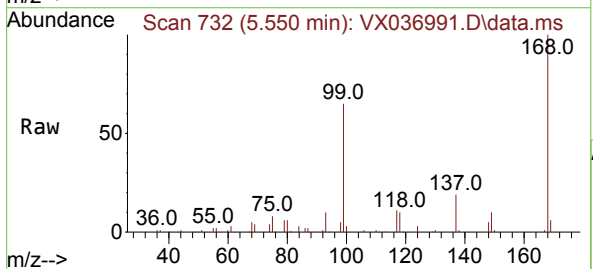
RT: 5.550 min Scan# 732

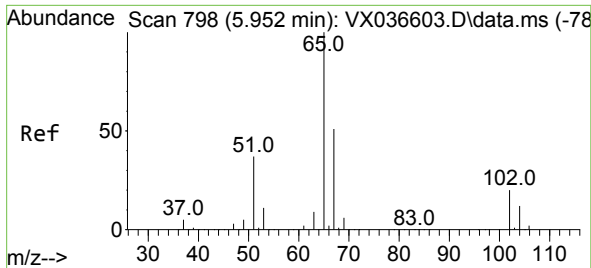
Delta R.T. 0.079 min

Lab File: VX036991.D

Acq: 15 Aug 2023 16:32

Tgt Ion:	56	Resp:	2150
Ion	Ratio	Lower	Upper
56	100		
69	194.3	23.4	35.2#
84	138.5	65.9	98.9#

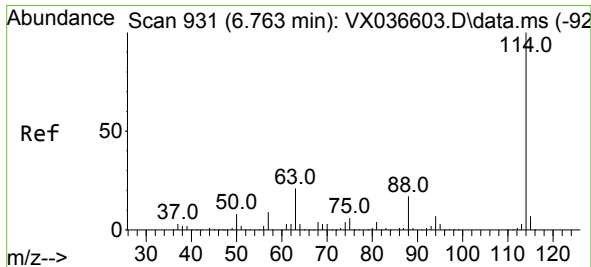
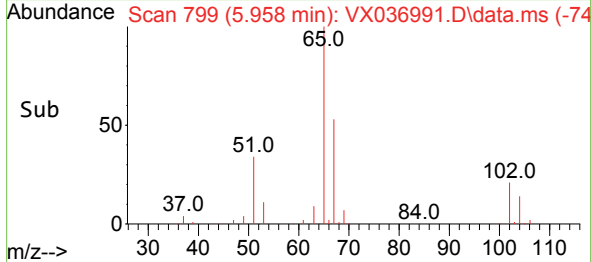
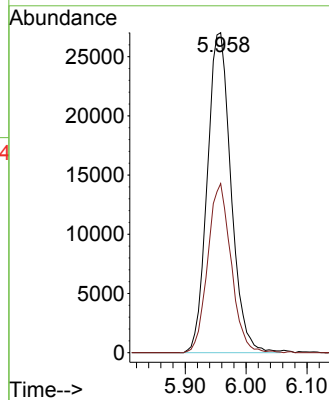
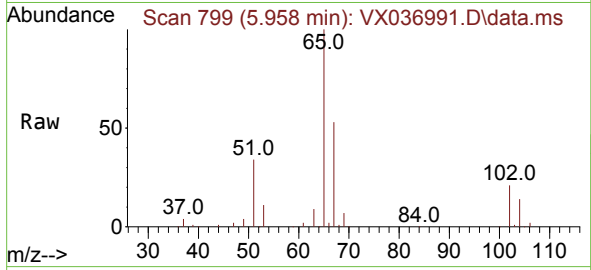




#33
 1,2-Dichloroethane-d4
 Concen: 46.208 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX036991.D
 Acq: 15 Aug 2023 16:32

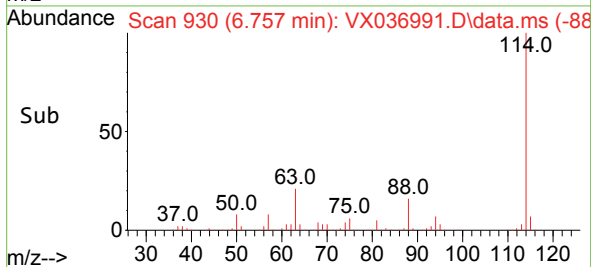
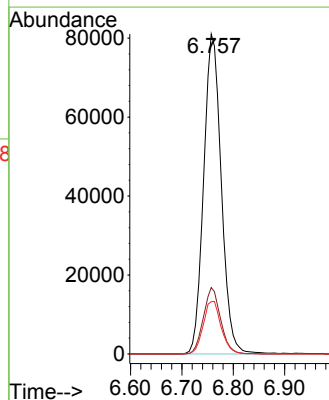
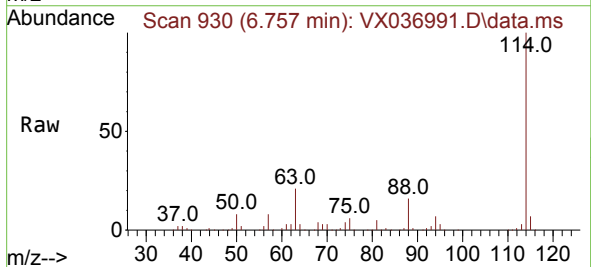
Instrument :
 MSVOA_X
 ClientSampleId :
 B-PP24B

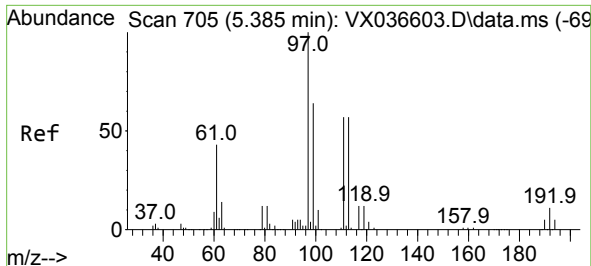
Tgt Ion: 65 Resp: 73031
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX036991.D
 Acq: 15 Aug 2023 16:32

Tgt Ion: 114 Resp: 193086
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 45.0
 88 16.4 0.0 36.6

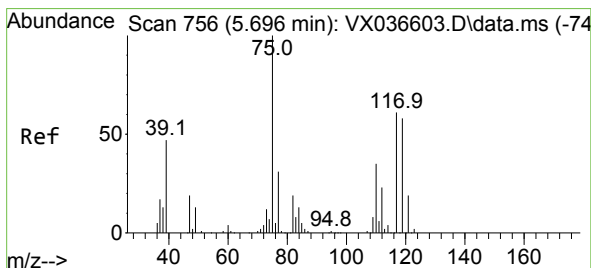
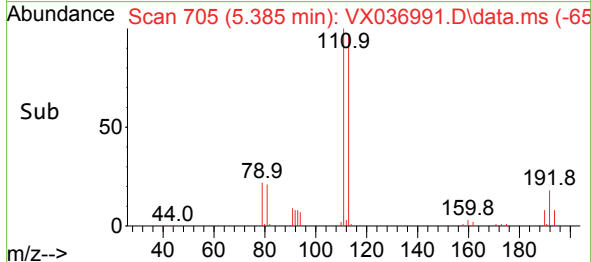
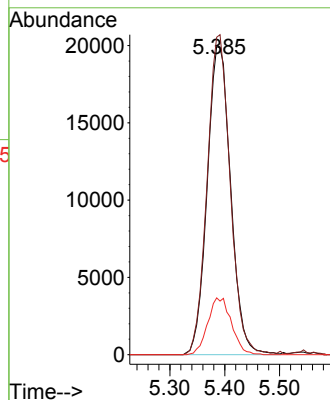
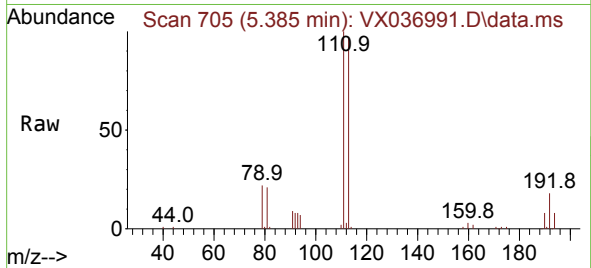




#35
Dibromofluoromethane
Concen: 44.717 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036991.D
Acq: 15 Aug 2023 16:32

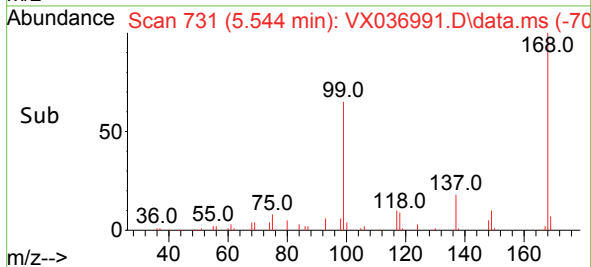
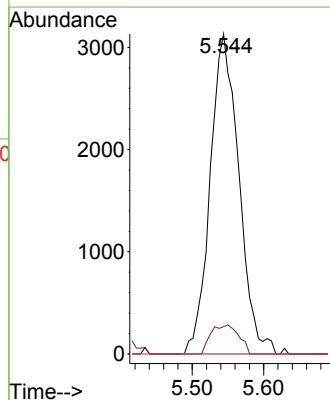
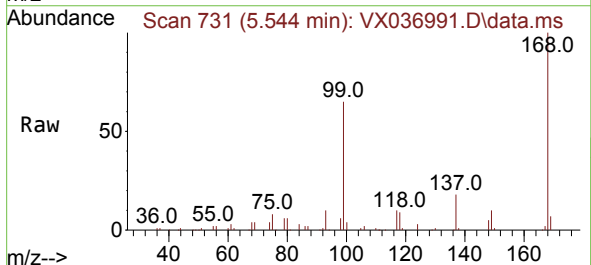
Instrument :
MSVOA_X
ClientSampleId :
B-PP24B

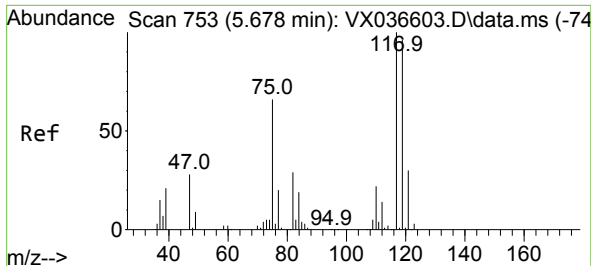
Tgt Ion:113 Resp: 59347
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 18.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.416 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX036991.D
Acq: 15 Aug 2023 16:32

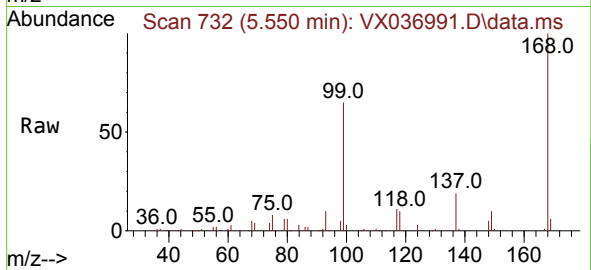
Tgt Ion: 75 Resp: 8735
Ion Ratio Lower Upper
75 100
110 8.8 17.0 50.9#
77 0.0 24.7 37.1#



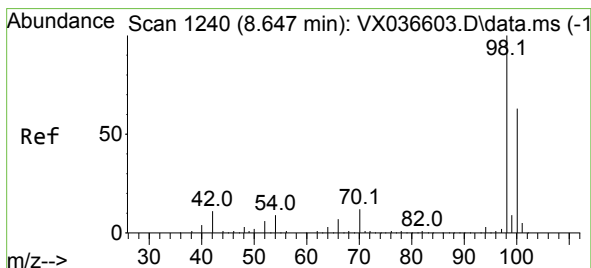
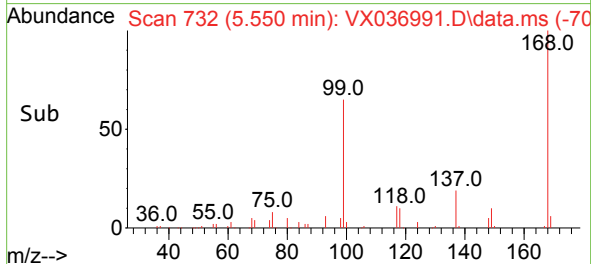
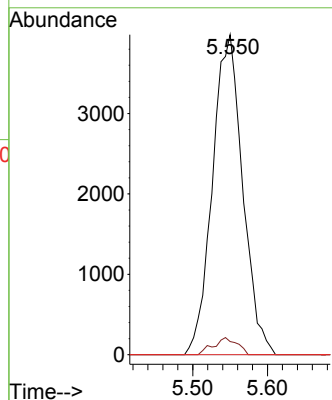


#38
Carbon Tetrachloride
Concen: 5.319 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036991.D
Acq: 15 Aug 2023 16:32

Instrument :
MSVOA_X
ClientSampleId :
B-PP24B

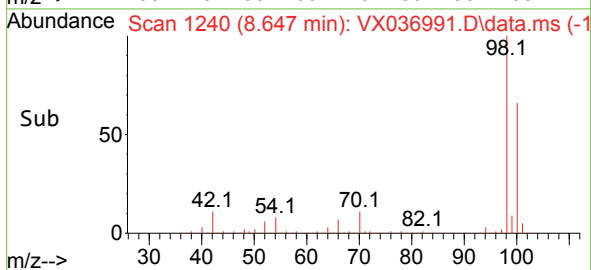
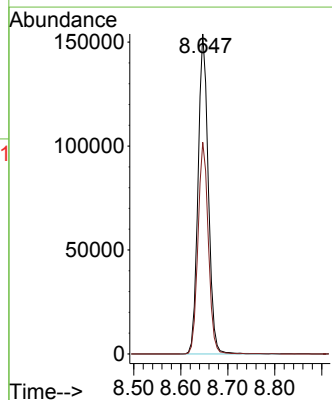
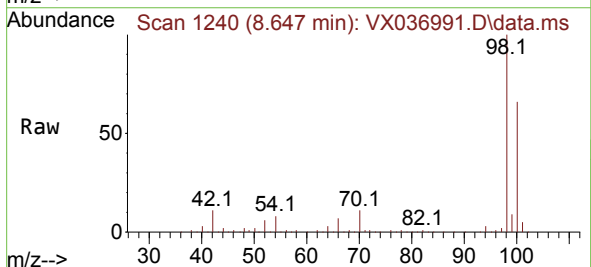


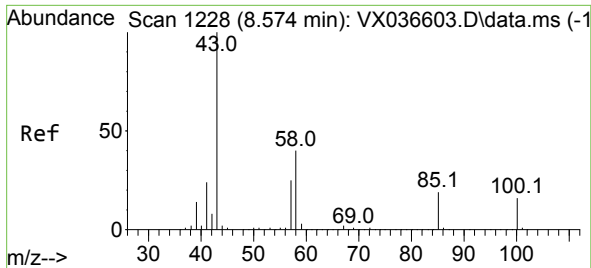
Tgt Ion:117 Resp: 11186
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.698 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036991.D
Acq: 15 Aug 2023 16:32

Tgt Ion: 98 Resp: 233898
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7

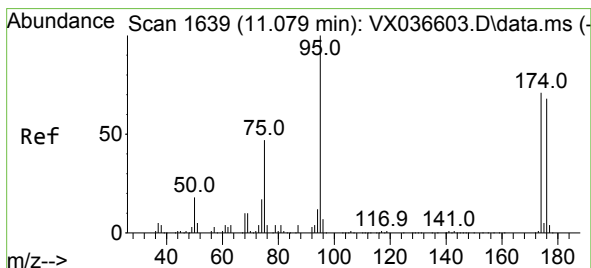
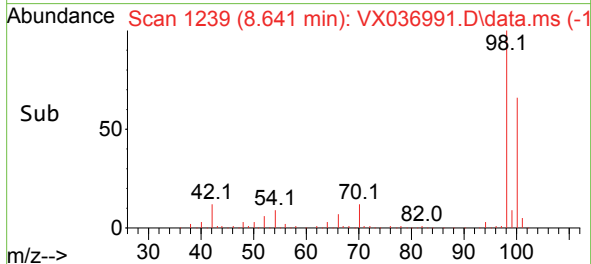
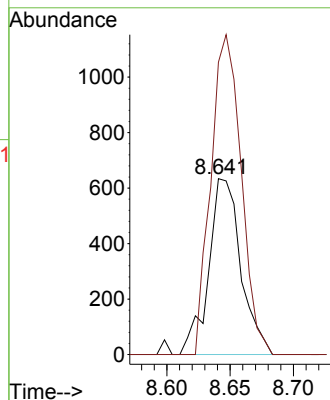
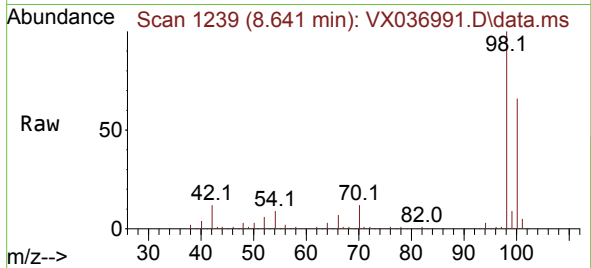




#51
4-Methyl-2-Pentanone
Concen: 0.527 ug/l
RT: 8.641 min Scan# 1123
Delta R.T. 0.067 min
Lab File: VX036991.D
Acq: 15 Aug 2023 16:32

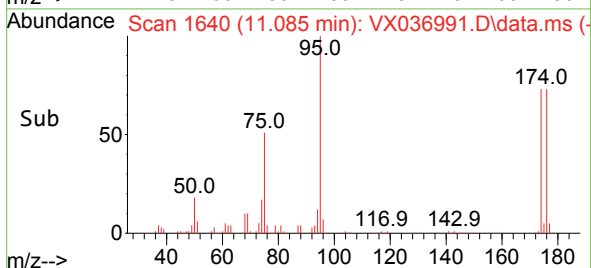
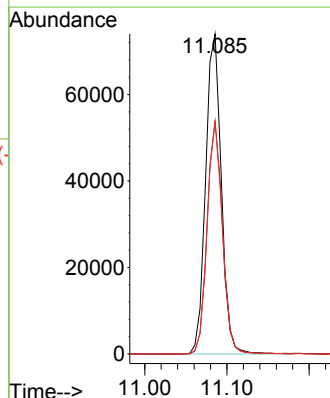
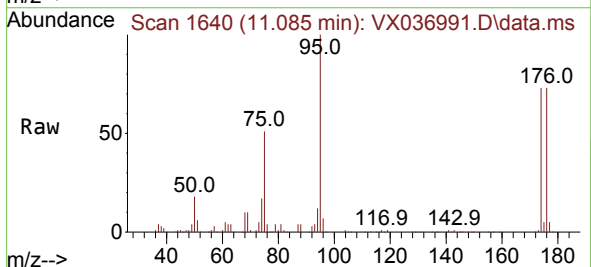
Instrument :
MSVOA_X
ClientSampleId :
B-PP24B

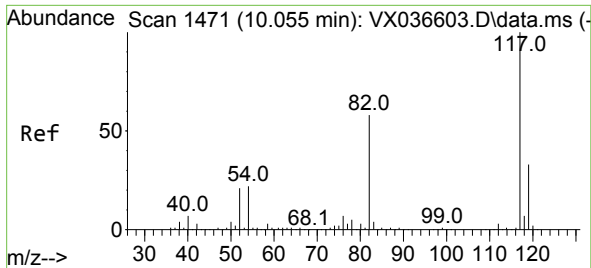
Tgt Ion: 43 Resp: 1123
Ion Ratio Lower Upper
43 100
58 171.2 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 55.258 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX036991.D
Acq: 15 Aug 2023 16:32

Tgt Ion: 95 Resp: 98119
Ion Ratio Lower Upper
95 100
174 71.0 0.0 135.6
176 70.4 0.0 131.0

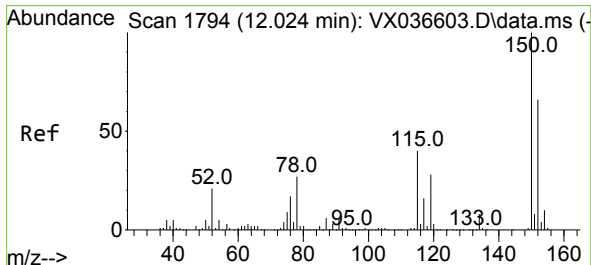
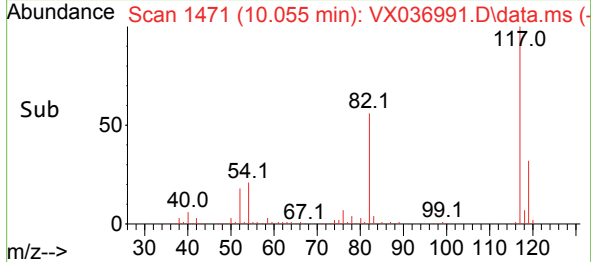
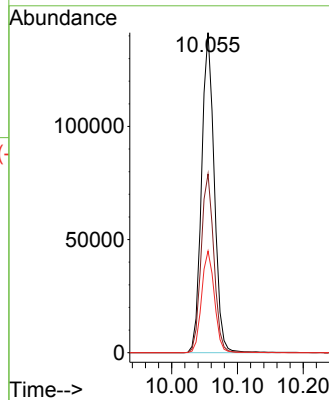
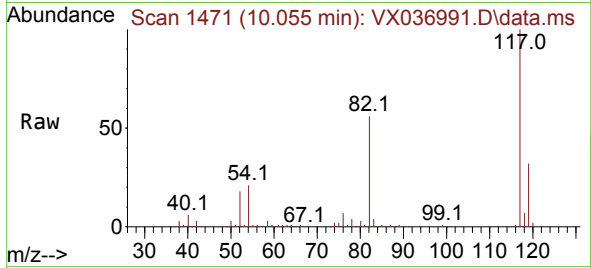




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036991.D
Acq: 15 Aug 2023 16:32

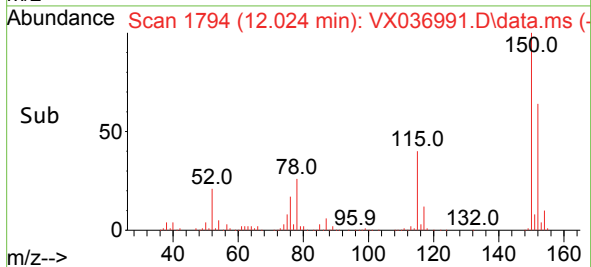
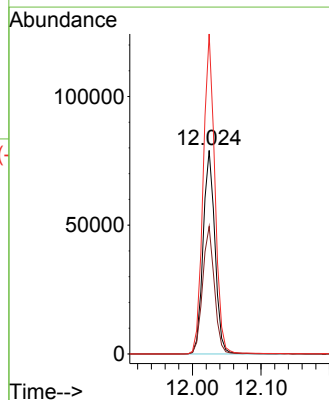
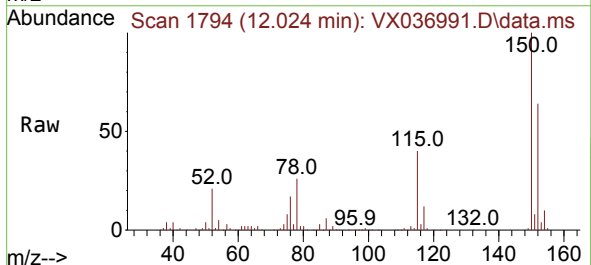
Instrument :
MSVOA_X
ClientSampleId :
B-PP24B

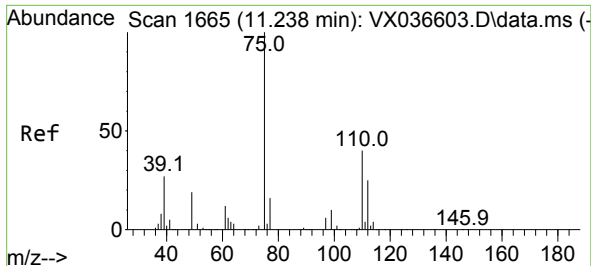
Tgt Ion:117 Resp: 190008
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 31.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036991.D
Acq: 15 Aug 2023 16:32

Tgt Ion:152 Resp: 95060
Ion Ratio Lower Upper
152 100
115 62.6 43.3 129.9
150 156.6 0.0 345.0

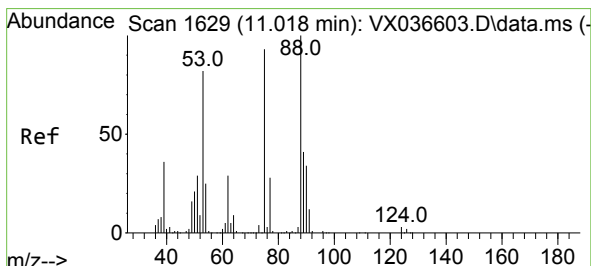
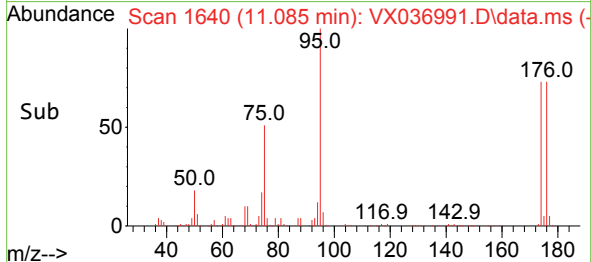
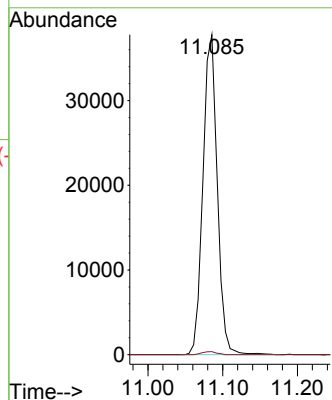
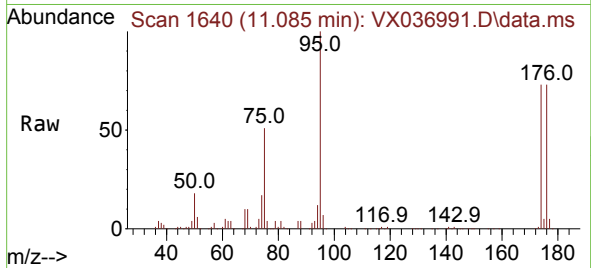




#76
1,2,3-Trichloropropane
Concen: 22.497 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.152 min
Lab File: VX036991.D
Acq: 15 Aug 2023 16:32

Instrument :
MSVOA_X
ClientSampleId :
B-PP24B

Tgt Ion: 75 Resp: 50301
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 50.990 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX036991.D
Acq: 15 Aug 2023 16:32

Tgt Ion: 75 Resp: 50301
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

