

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
 Data File : VX038479.D
 Acq On : 25 Oct 2023 14:57
 Operator : JC/MD
 Sample : 05007-18RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 26 04:05:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

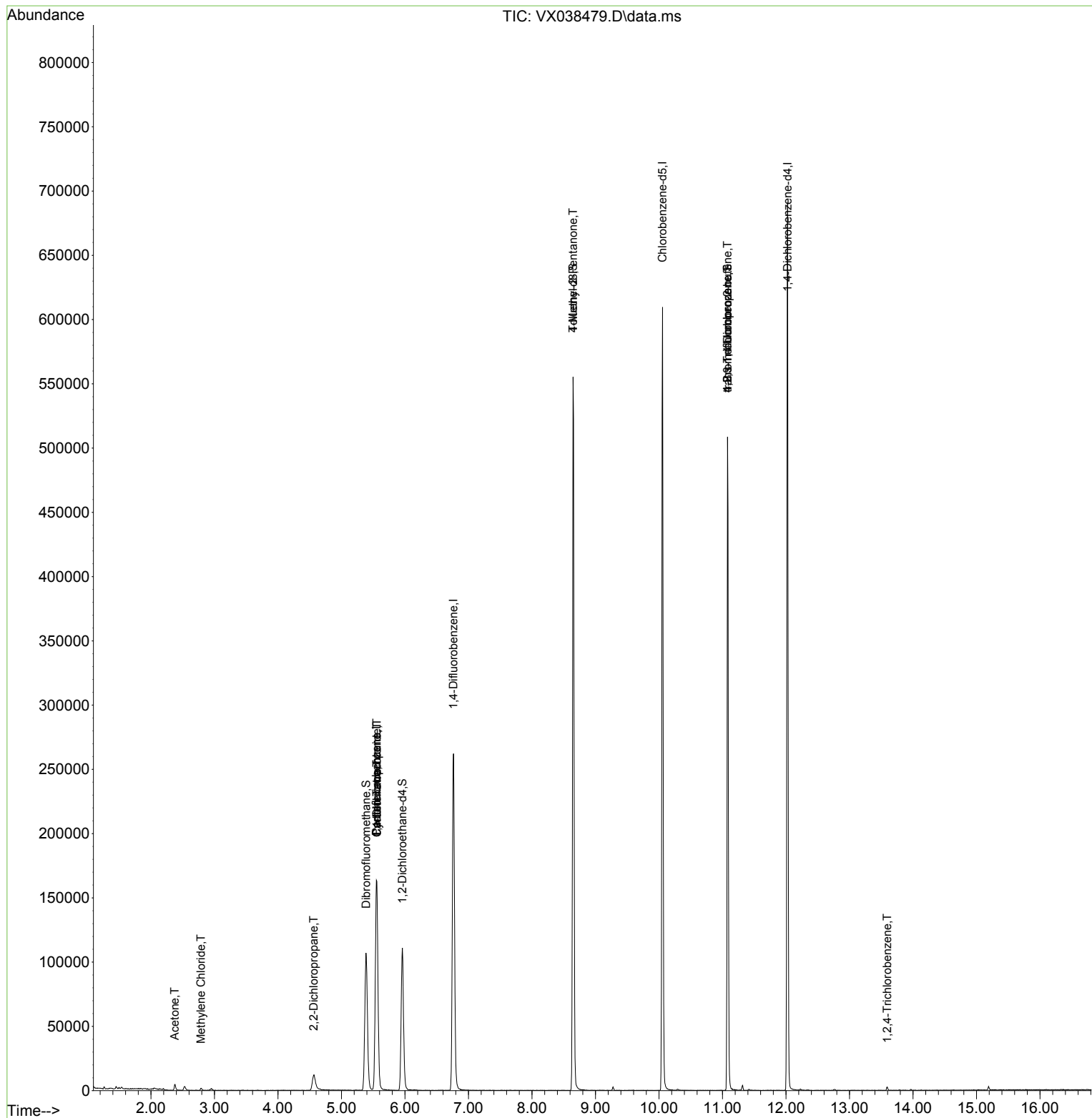
Internal Standards						
1) Pentafluorobenzene	5.550	168	161825	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	280074	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	283624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	103923	39.927	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	79.860%
35) Dibromofluoromethane	5.385	113	93280	46.221	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.440%
50) Toluene-d8	8.647	98	342136	44.366	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.740%#
62) 4-Bromofluorobenzene	11.079	95	130660	44.692	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.380%
Target Compounds						
					Qvalue	
5) Bromomethane	1.435	94	19	Below Cal	#	3
6) Chloroethane	1.673	64	48	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	1026	Below Cal	#	91
16) Acetone	2.374	43	4650	4.281	ug/l	95
20) Methylene Chloride	2.788	84	742	0.363	ug/l	# 81
26) 2,2-Dichloropropane	4.562	77	944	0.359	ug/l	# 54
31) Cyclohexane	5.556	56	3292	1.167	ug/l	# 11
36) 1,1-Dichloropropene	5.556	75	12215	4.389	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	16160	5.903	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	1365	0.401	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	67415	19.826	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	67415	57.254	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	1033	0.326	ug/l	81

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

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Quant Time: Oct 26 04:05:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

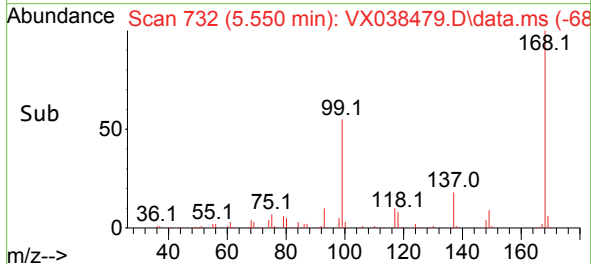
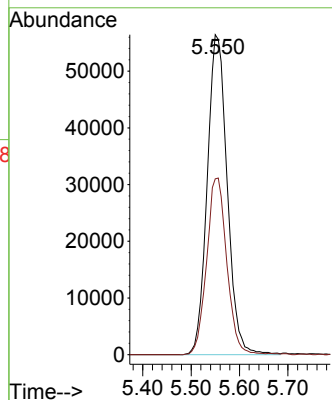
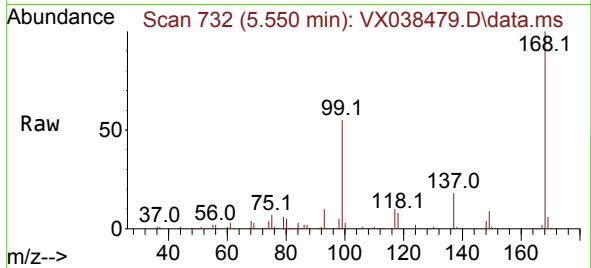




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038479.D
Acq: 25 Oct 2023 14:57

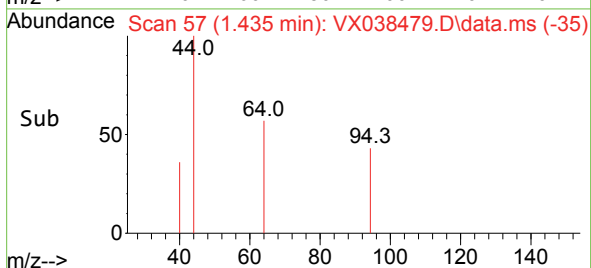
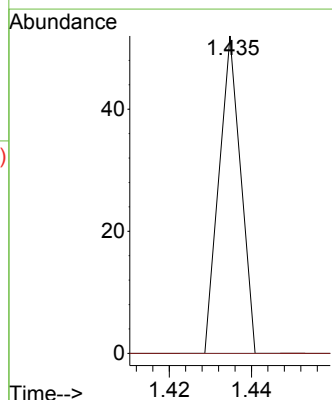
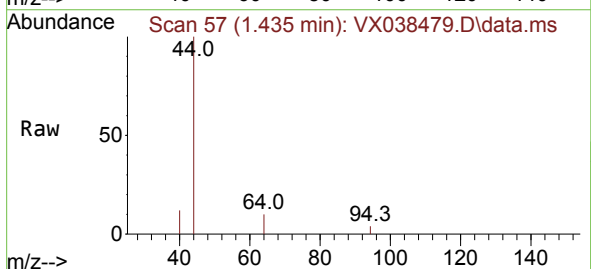
Instrument :
MSVOA_X
ClientSampleId :

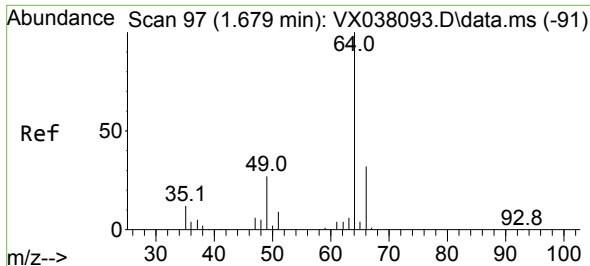
Tgt Ion:168 Resp: 161825
Ion Ratio Lower Upper
168 100
99 55.0 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.435 min Scan# 57
Delta R.T. -0.164 min
Lab File: VX038479.D
Acq: 25 Oct 2023 14:57

Tgt Ion: 94 Resp: 19
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

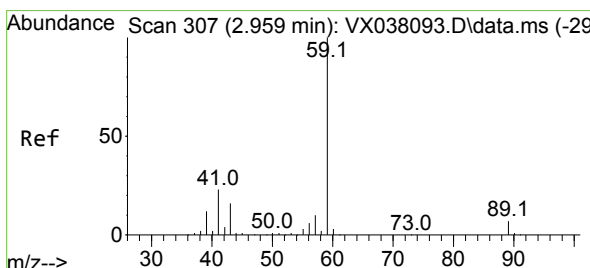
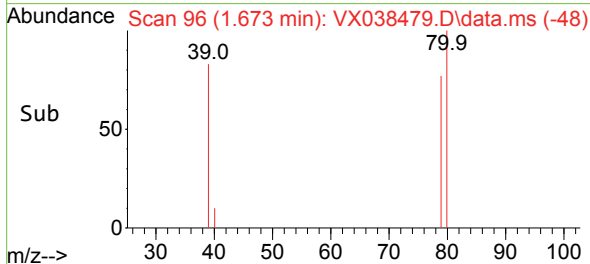
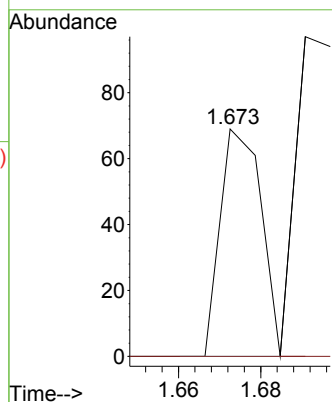
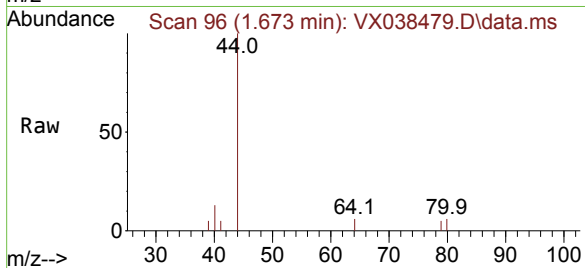




#6
Chloroethane
Concen: Below Cal
RT: 1.673 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX038479.D
Acq: 25 Oct 2023 14:57

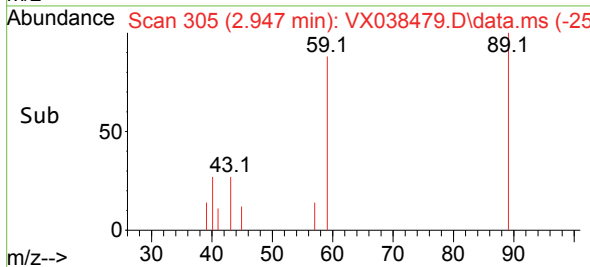
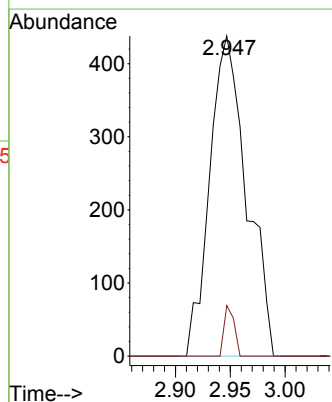
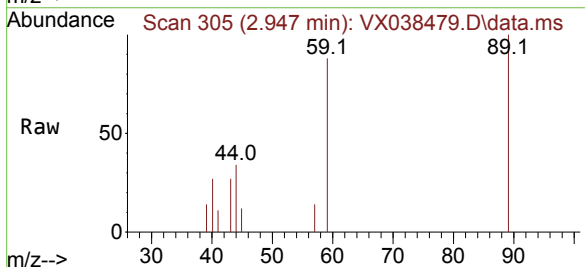
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 48
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX038479.D
Acq: 25 Oct 2023 14:57

Tgt Ion: 59 Resp: 1026
Ion Ratio Lower Upper
59 100
57 4.3 6.0 9.0#

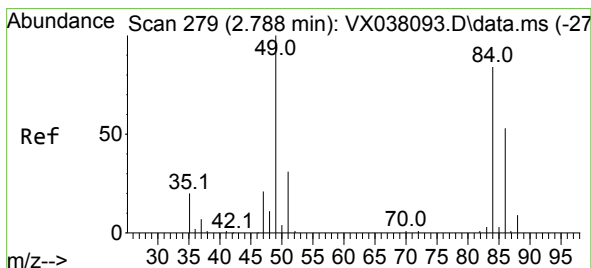
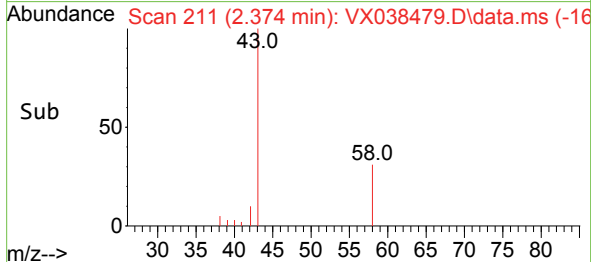
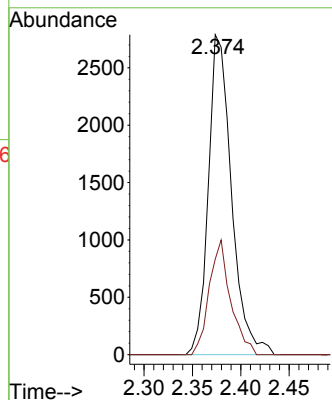
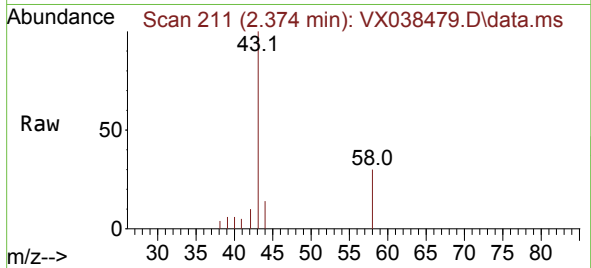




#16
Acetone
Concen: 4.281 ug/l
RT: 2.374 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX038479.D
Acq: 25 Oct 2023 14:57

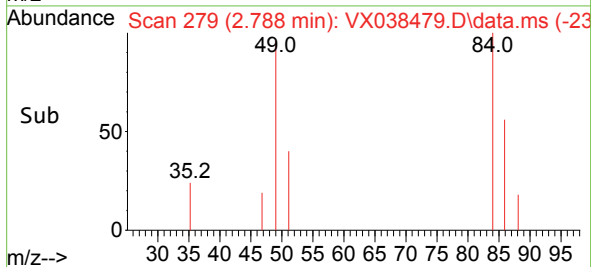
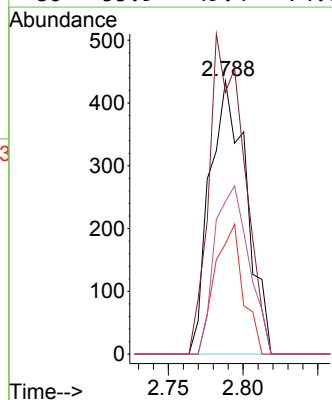
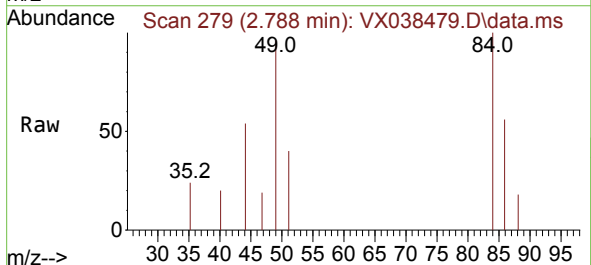
Instrument :
MSVOA_X
ClientSampleId :

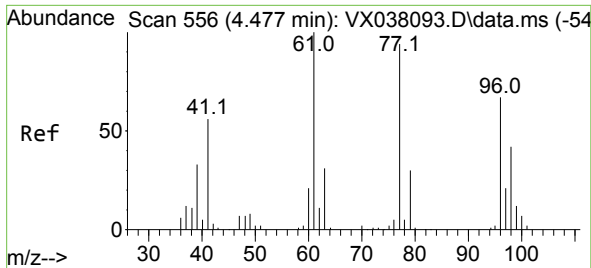
Tgt Ion: 43 Resp: 4650
Ion Ratio Lower Upper
43 100
58 29.8 21.9 32.9



#20
Methylene Chloride
Concen: 0.363 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038479.D
Acq: 25 Oct 2023 14:57

Tgt Ion: 84 Resp: 742
Ion Ratio Lower Upper
84 100
49 95.9 103.6 155.4#
51 40.5 33.8 50.6
86 55.9 49.4 74.0

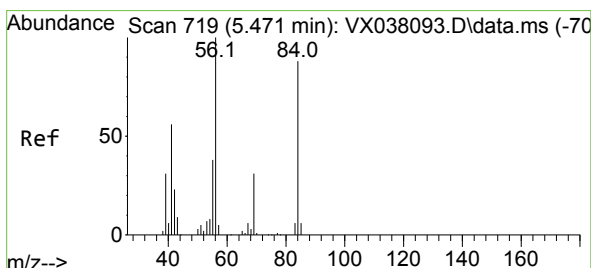
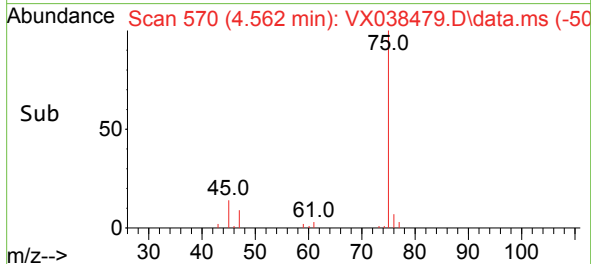
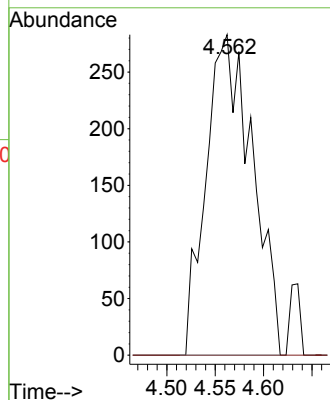
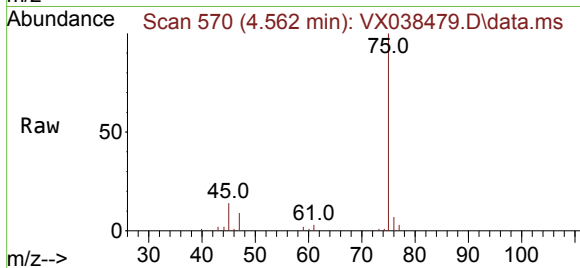




#26
2,2-Dichloropropane
Concen: 0.359 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.085 min
Lab File: VX038479.D
Acq: 25 Oct 2023 14:57

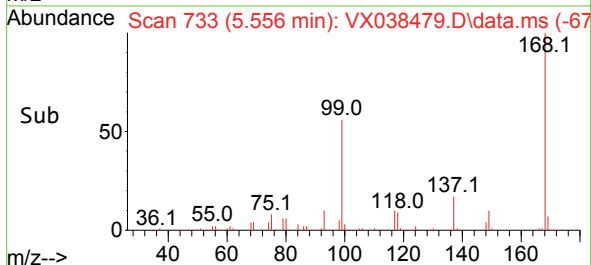
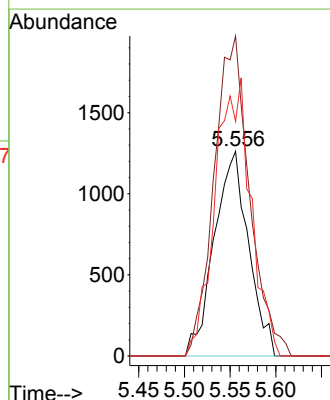
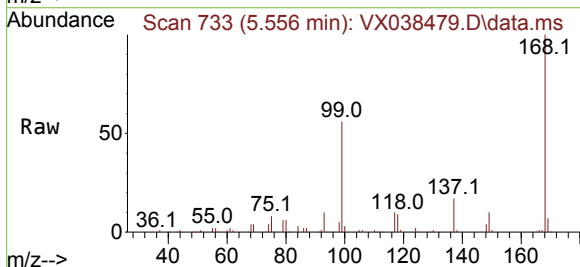
Instrument :
MSVOA_X
ClientSampleId :

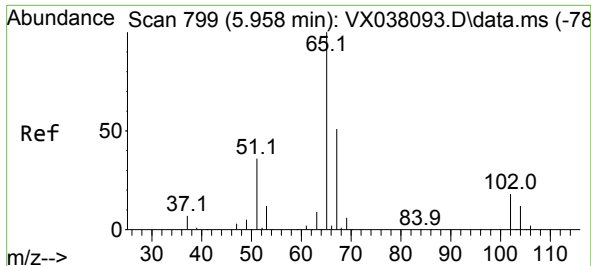
Tgt Ion: 77 Resp: 944
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#31
Cyclohexane
Concen: 1.167 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX038479.D
Acq: 25 Oct 2023 14:57

Tgt Ion: 56 Resp: 3292
Ion Ratio Lower Upper
56 100
69 156.3 23.4 35.2#
84 114.7 65.9 98.9#

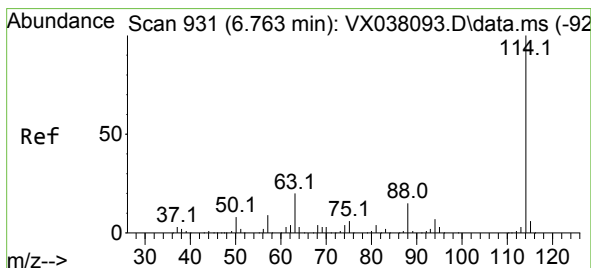
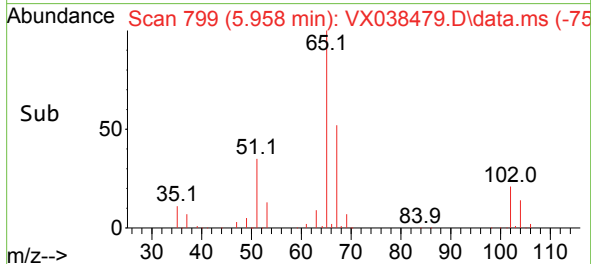
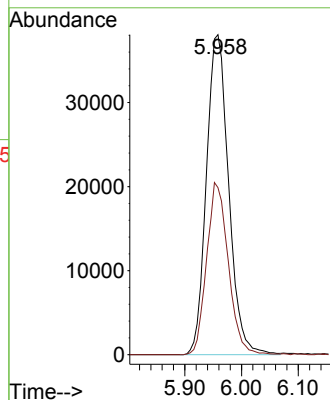
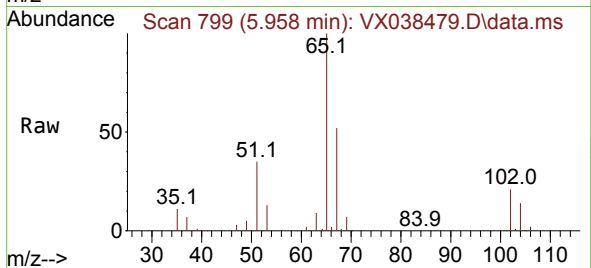




#33
 1,2-Dichloroethane-d4
 Concen: 39.927 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038479.D
 Acq: 25 Oct 2023 14:57

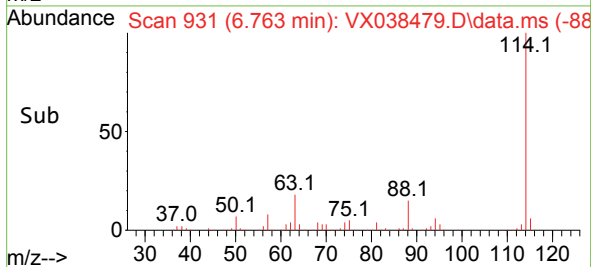
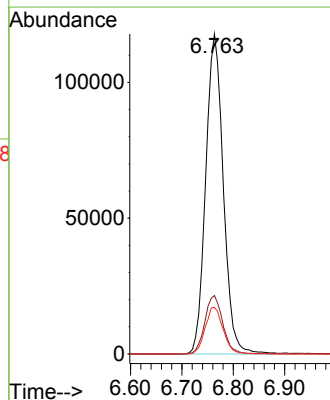
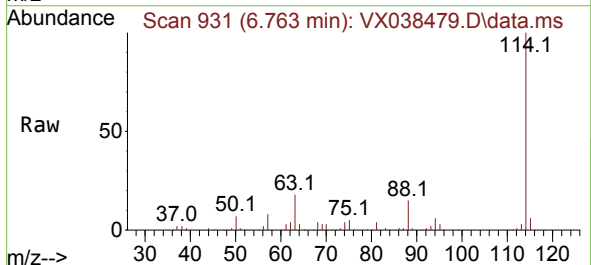
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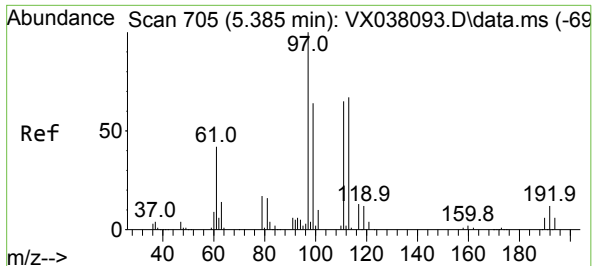
Tgt Ion: 65 Resp: 103923
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038479.D
 Acq: 25 Oct 2023 14:57

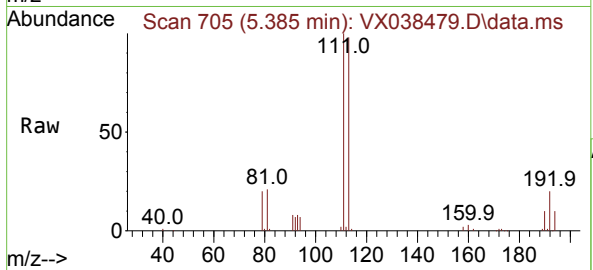
Tgt Ion:114 Resp: 280074
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 45.0
 88 14.5 0.0 36.6



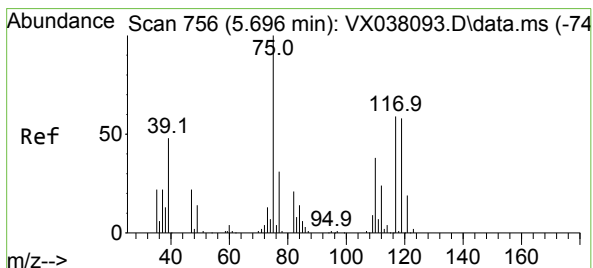
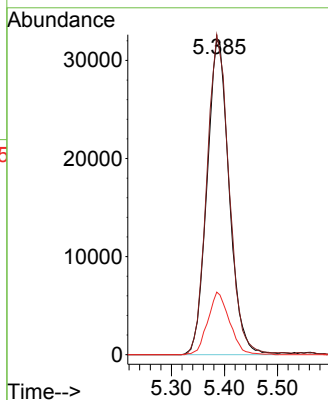
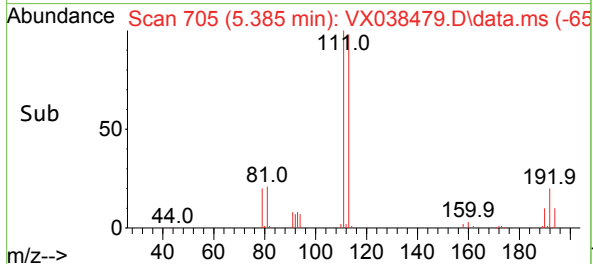


#35
 Dibromofluoromethane
 Concen: 46.221 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX038479.D
 Acq: 25 Oct 2023 14:57

Instrument :
 MSVOA_X
 ClientSampleId :

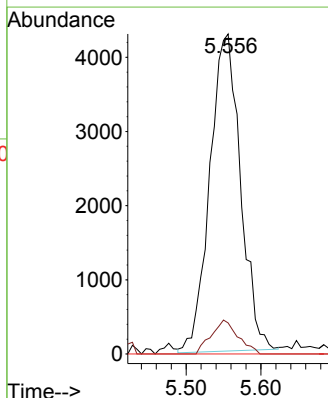
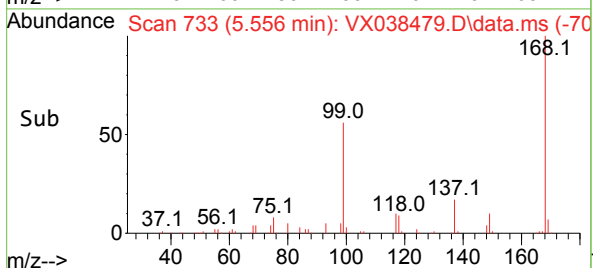
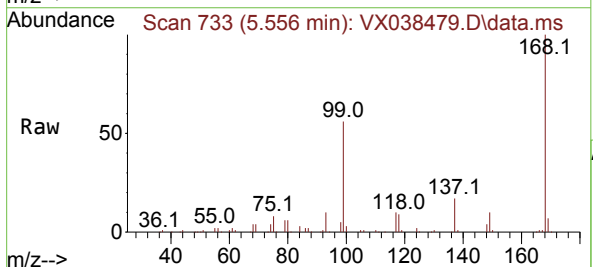


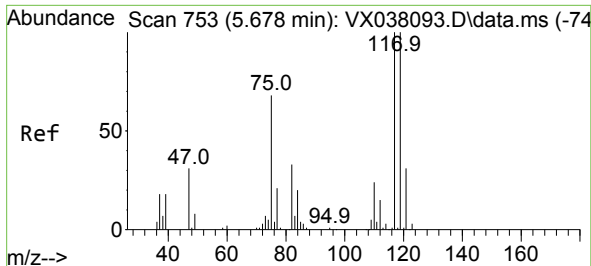
Tgt Ion:113 Resp: 93280
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.9 124.3
 192 19.5 13.3 19.9



#36
 1,1-Dichloropropene
 Concen: 4.389 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.134 min
 Lab File: VX038479.D
 Acq: 25 Oct 2023 14:57

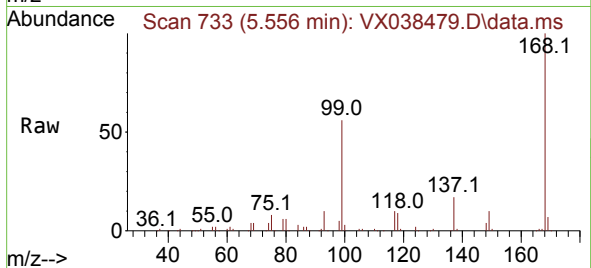
Tgt Ion: 75 Resp: 12215
 Ion Ratio Lower Upper
 75 100
 110 9.3 17.0 50.9#
 77 0.0 24.7 37.1#



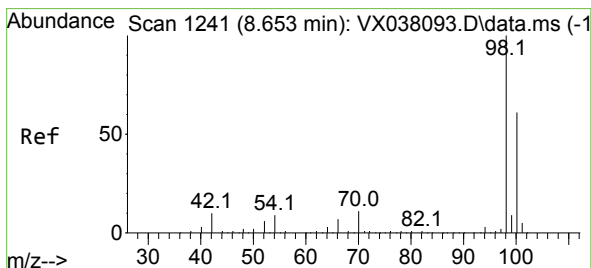
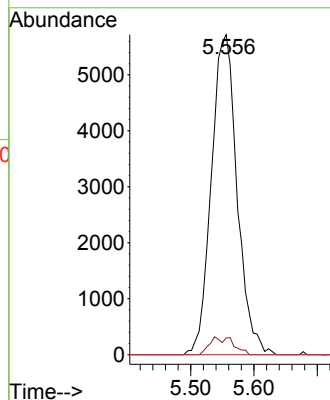
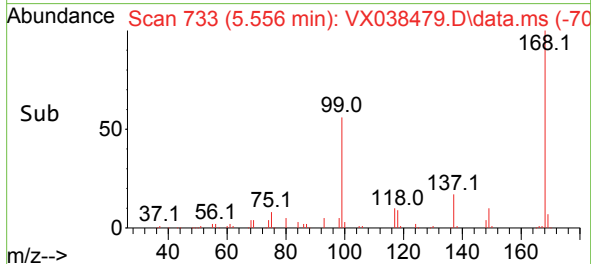


#38
Carbon Tetrachloride
Concen: 5.903 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX038479.D
Acq: 25 Oct 2023 14:57

Instrument :
MSVOA_X
ClientSampleId :

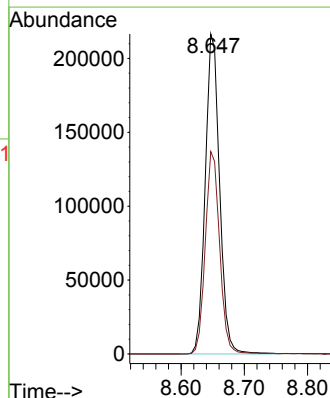
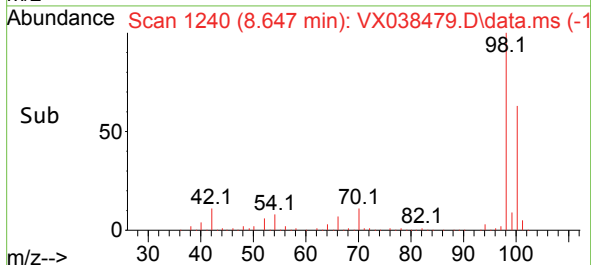
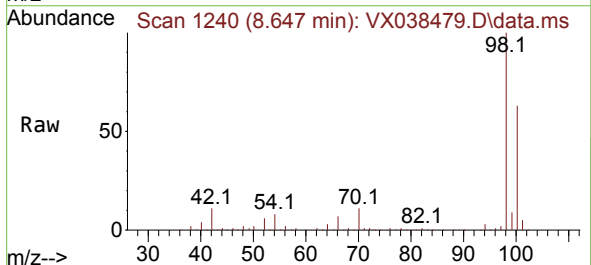


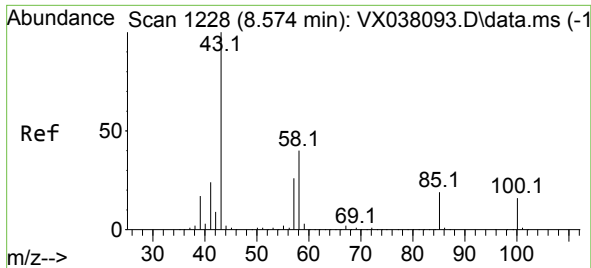
Tgt Ion:117 Resp: 16160
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 44.366 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038479.D
Acq: 25 Oct 2023 14:57

Tgt Ion: 98 Resp: 342136
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7

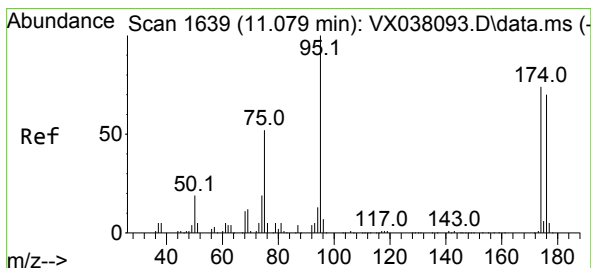
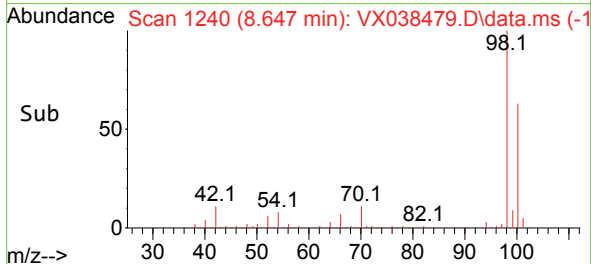
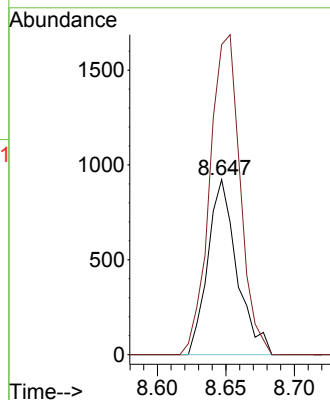
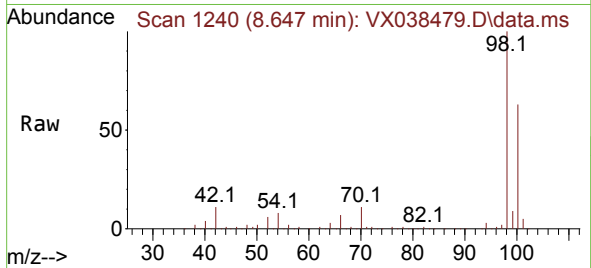




#51
4-Methyl-2-Pentanone
Concen: 0.401 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX038479.D
Acq: 25 Oct 2023 14:57

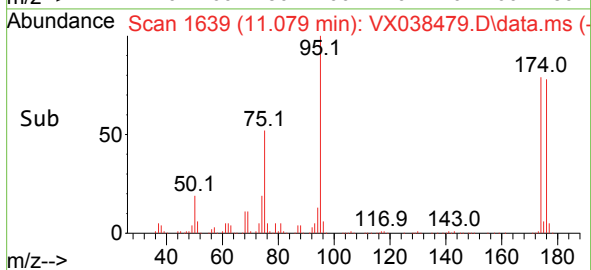
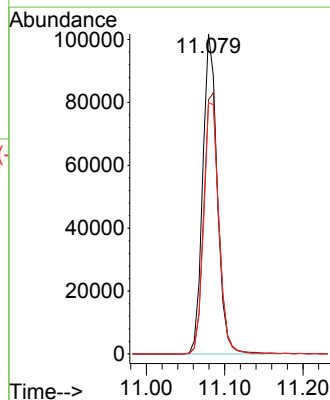
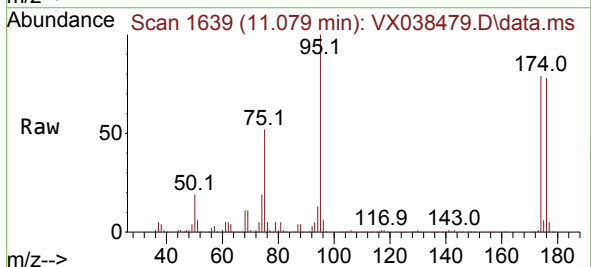
Instrument :
MSVOA_X
ClientSampleId :

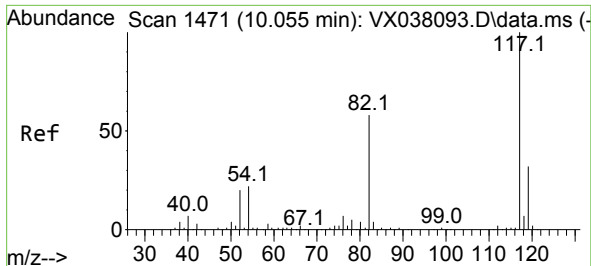
Tgt Ion: 43 Resp: 1365
Ion Ratio Lower Upper
43 100
58 190.6 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 44.692 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038479.D
Acq: 25 Oct 2023 14:57

Tgt Ion: 95 Resp: 130660
Ion Ratio Lower Upper
95 100
174 84.9 0.0 135.6
176 82.4 0.0 131.0

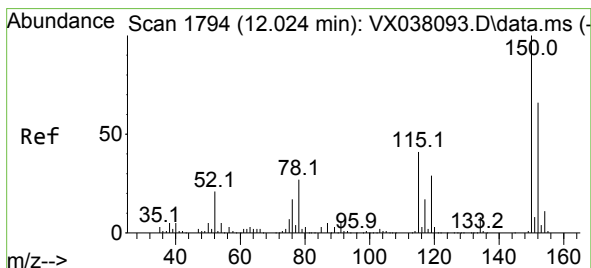
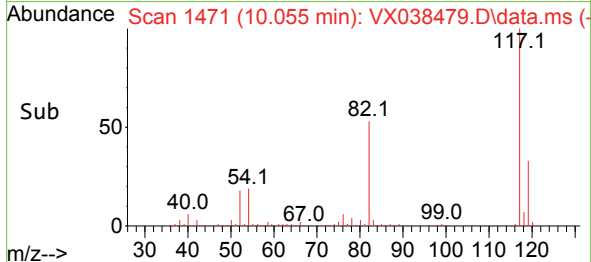
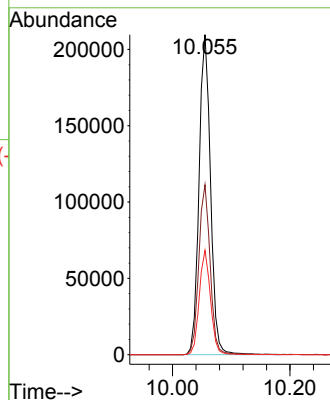
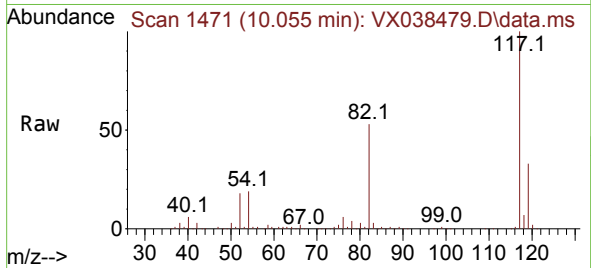




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038479.D
Acq: 25 Oct 2023 14:57

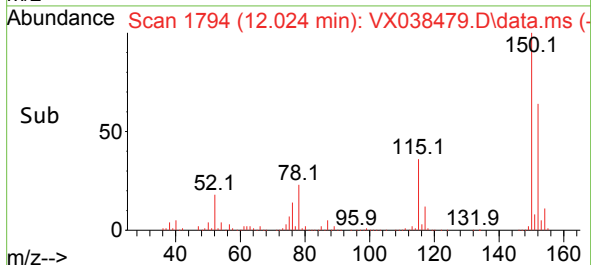
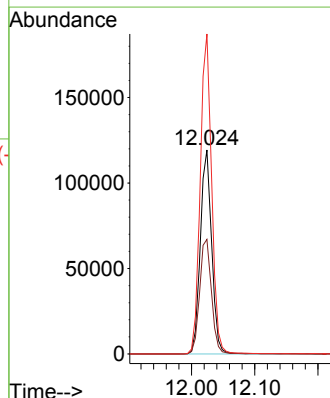
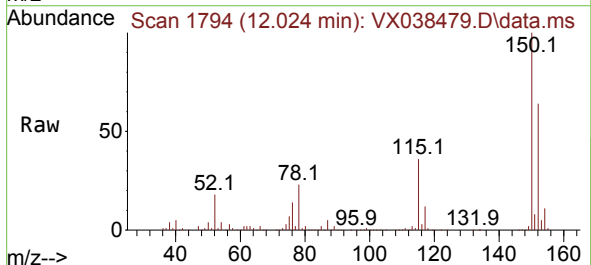
Instrument :
MSVOA_X
ClientSampleId :

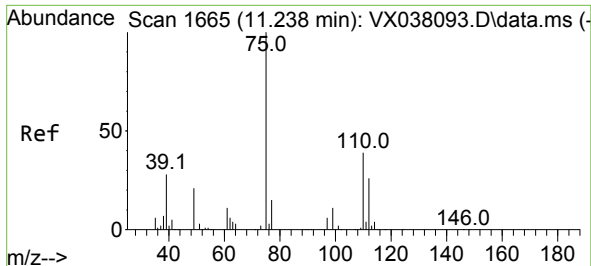
Tgt Ion:117 Resp: 283624
Ion Ratio Lower Upper
117 100
82 53.1 46.2 69.4
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038479.D
Acq: 25 Oct 2023 14:57

Tgt Ion:152 Resp: 149573
Ion Ratio Lower Upper
152 100
115 58.7 43.3 129.9
150 157.2 0.0 345.0

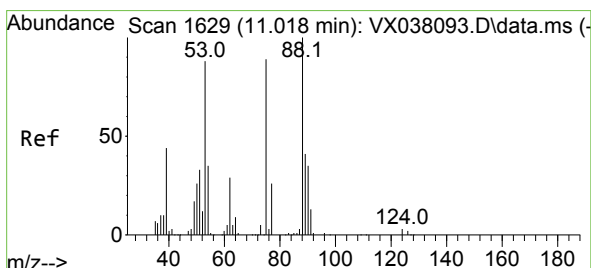
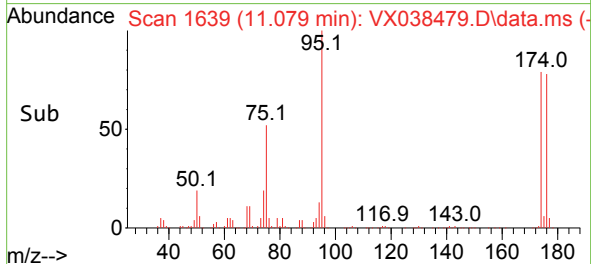
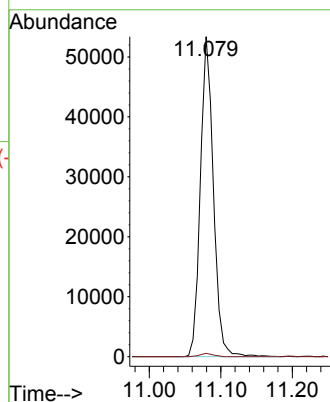
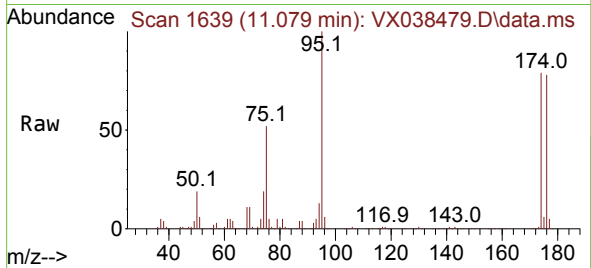




#76
1,2,3-Trichloropropane
Concen: 19.826 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038479.D
Acq: 25 Oct 2023 14:57

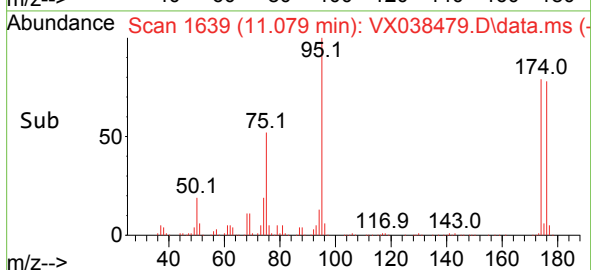
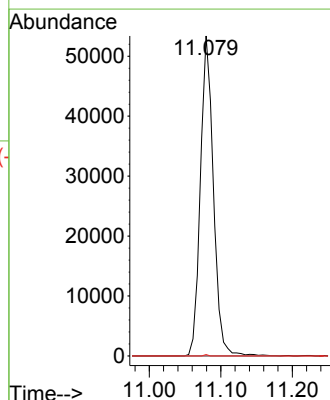
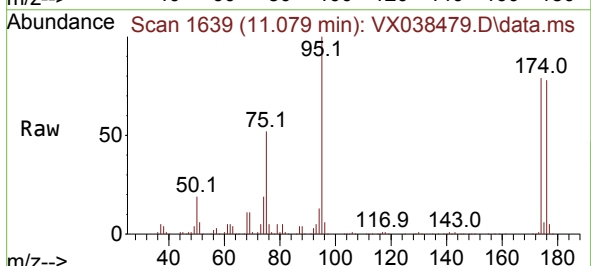
Instrument :
MSVOA_X
ClientSampleId :

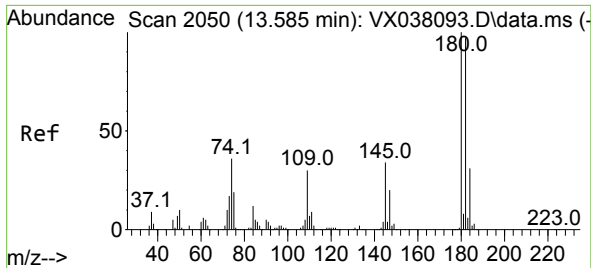
Tgt Ion: 75 Resp: 67415
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.254 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038479.D
Acq: 25 Oct 2023 14:57

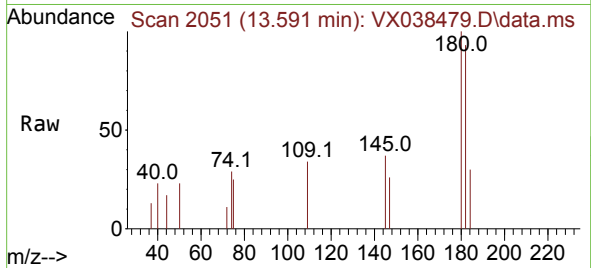
Tgt Ion: 75 Resp: 67415
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#





#93
 1,2,4-Trichlorobenzene
 Concen: 0.326 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX038479.D
 Acq: 25 Oct 2023 14:57

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	1033
Ion	Ratio	Lower	Upper
180	100		
182	78.6	48.3	144.8
145	24.1	18.0	54.0

