

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038684.D
 Acq On : 09 Nov 2023 16:38
 Operator : JC/MD
 Sample : 05241-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 10 03:41:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

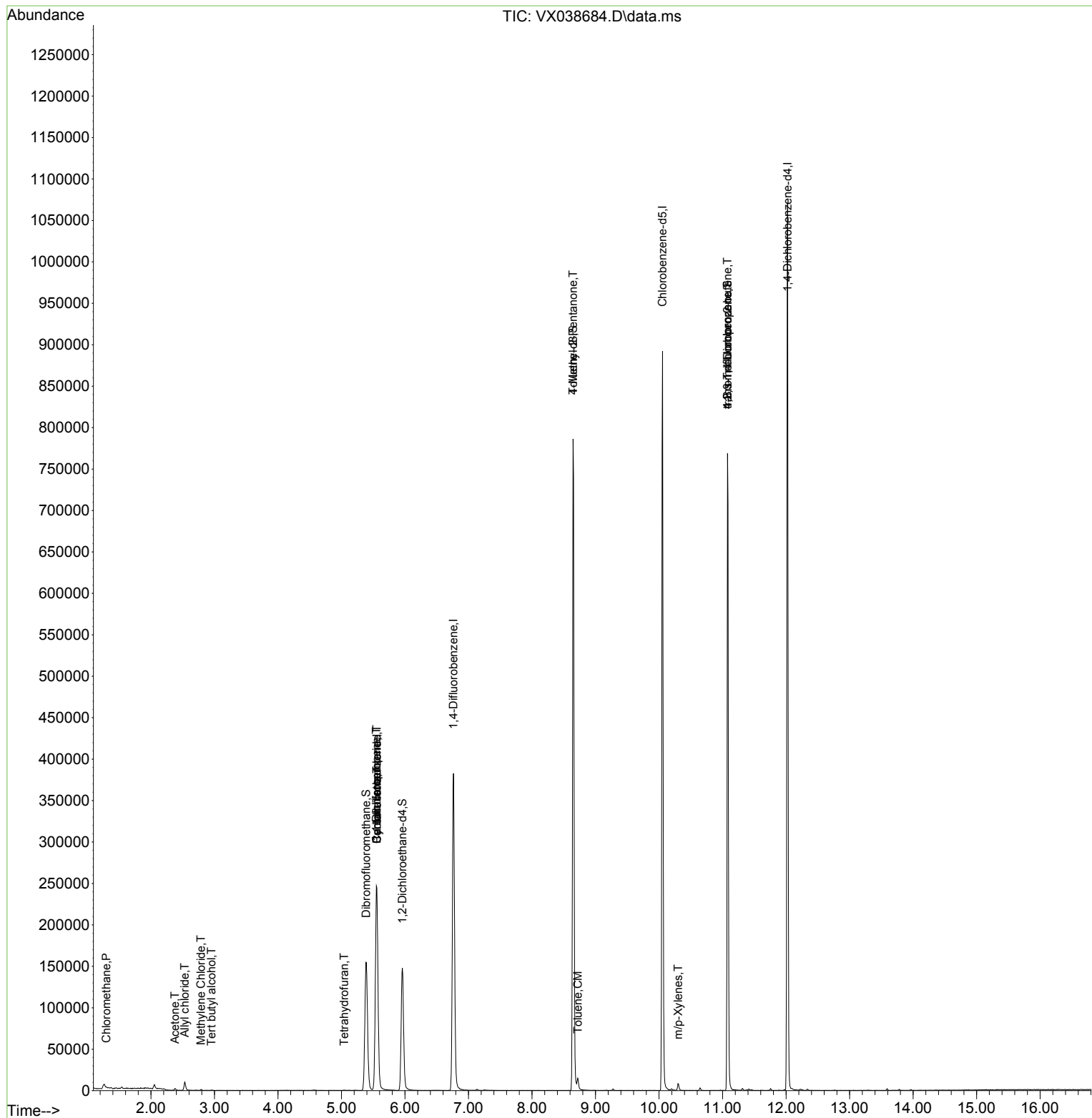
Internal Standards						
1) Pentafluorobenzene	5.556	168	256325	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	420025	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	435754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	249535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149971	46.996	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.000%
35) Dibromofluoromethane	5.385	113	139010	45.951	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.900%
50) Toluene-d8	8.647	98	497222	45.932	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.860%#
62) 4-Bromofluorobenzene	11.079	95	212528	50.637	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.280%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	470	0.204	ug/l	92
11) Tert butyl alcohol	2.953	59	206	0.316	ug/l	# 78
14) Allyl chloride	2.532	41	1161	0.339	ug/l	# 72
16) Acetone	2.380	43	2430	1.808	ug/l	95
20) Methylene Chloride	2.788	84	586	0.216	ug/l	# 62
29) Tetrahydrofuran	5.044	42	290	0.239	ug/l	# 39
31) Cyclohexane	5.556	56	4017	1.137	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	16830	4.479	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	24039	5.722	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	1678	0.437	ug/l	# 1
52) Toluene	8.720	92	4846	0.683	ug/l	97
68) m/p-Xylenes	10.299	106	2185	0.367	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	102639	20.769	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	102639	63.209	ug/l	# 5

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

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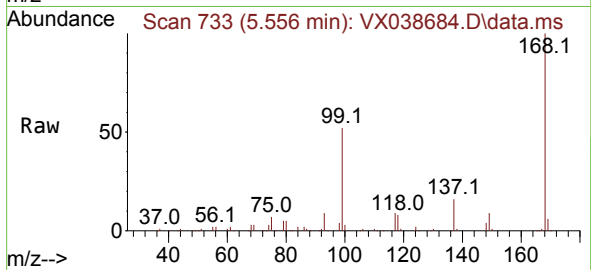
Quant Time: Nov 10 03:41:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
Quant Title : SW846 8260
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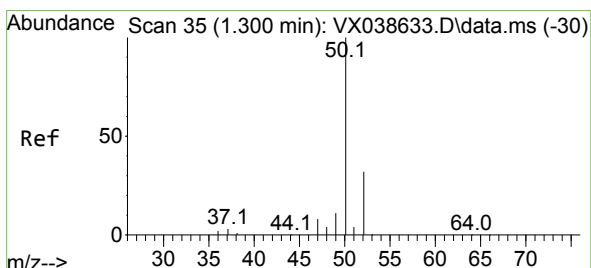
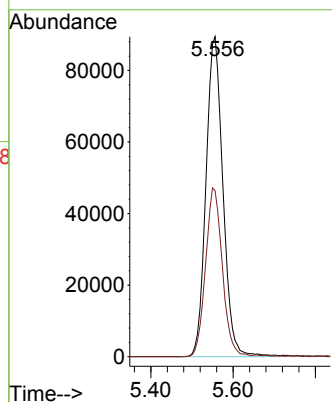
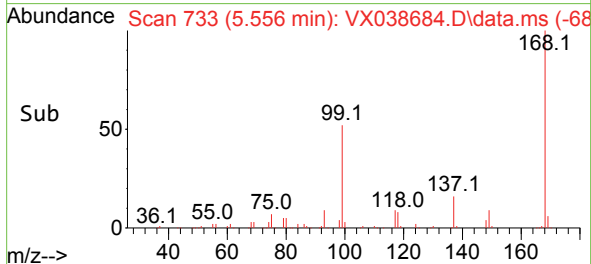


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038684.D
Acq: 09 Nov 2023 16:38

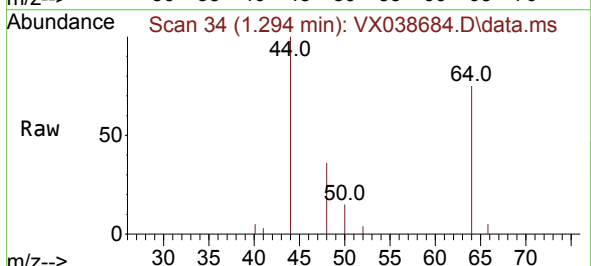
Instrument :
MSVOA_X
ClientSampleId :



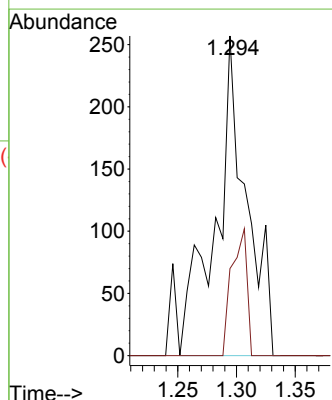
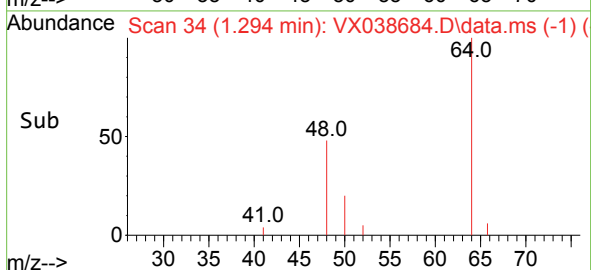
Tgt Ion:168 Resp: 256325
Ion Ratio Lower Upper
168 100
99 51.8 56.6 85.0#

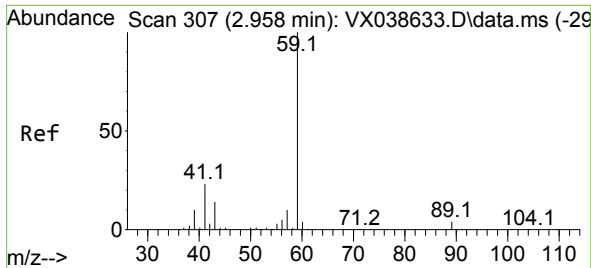


#3
Chloromethane
Concen: 0.204 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX038684.D
Acq: 09 Nov 2023 16:38



Tgt Ion: 50 Resp: 470
Ion Ratio Lower Upper
50 100
52 27.2 25.5 38.3

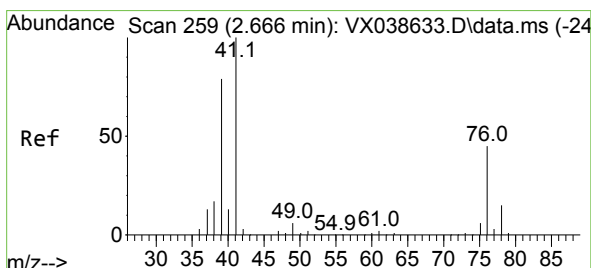
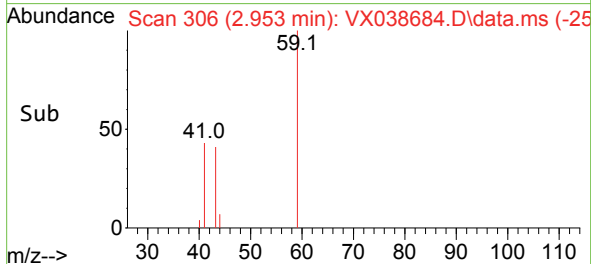
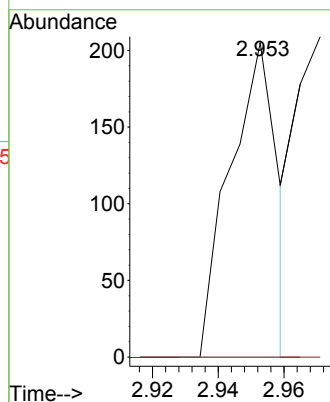
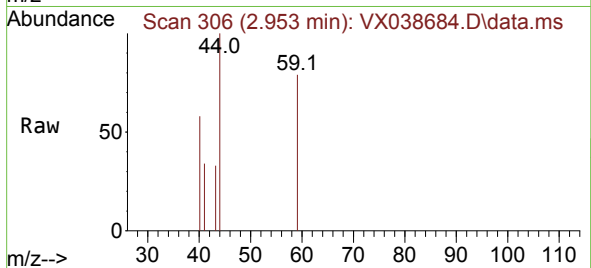




#11
Tert butyl alcohol
Concen: 0.316 ug/l
RT: 2.953 min Scan# 30
Delta R.T. -0.006 min
Lab File: VX038684.D
Acq: 09 Nov 2023 16:38

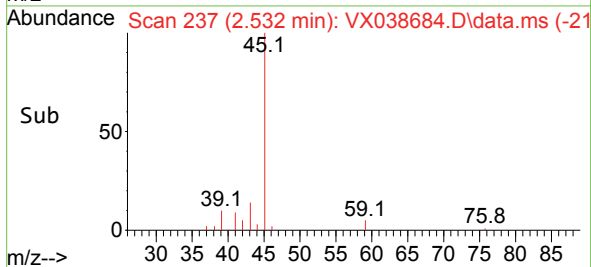
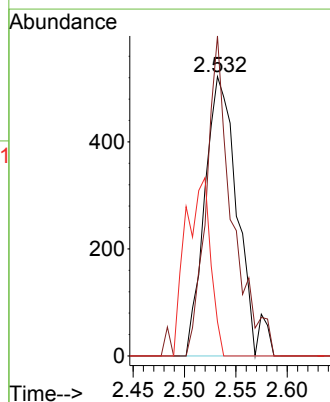
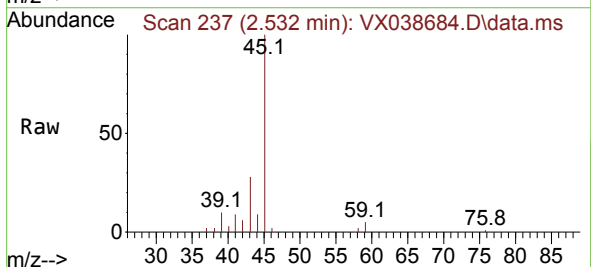
Instrument :
MSVOA_X
ClientSampleId :

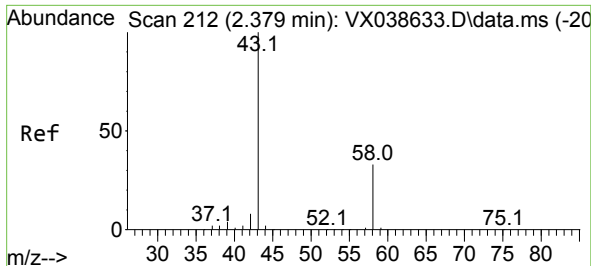
Tgt Ion: 59 Resp: 206
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#14
Allyl chloride
Concen: 0.339 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.134 min
Lab File: VX038684.D
Acq: 09 Nov 2023 16:38

Tgt Ion: 41 Resp: 1161
Ion Ratio Lower Upper
41 100
39 90.5 55.8 83.6#
76 48.2 24.3 36.5#

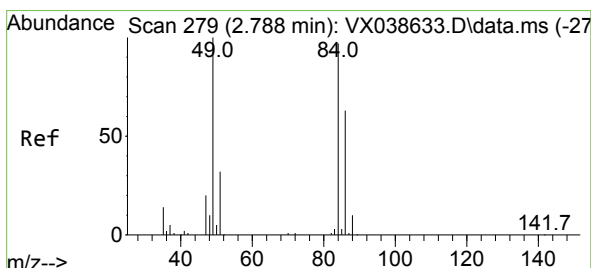
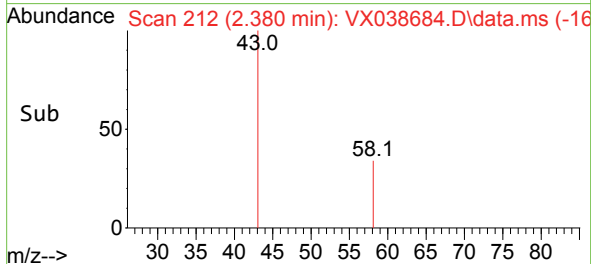
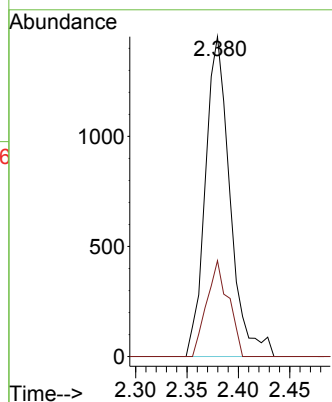
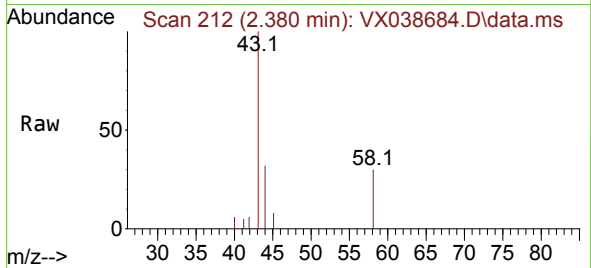




#16
Acetone
Concen: 1.808 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038684.D
Acq: 09 Nov 2023 16:38

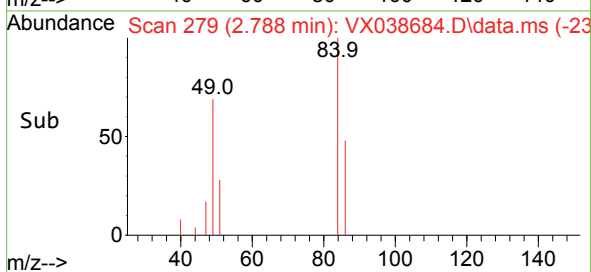
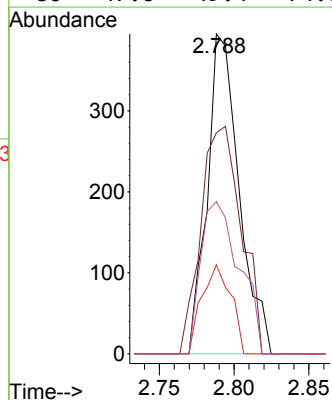
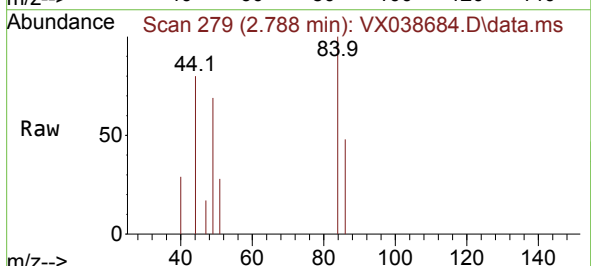
Instrument :
MSVOA_X
ClientSampleId :

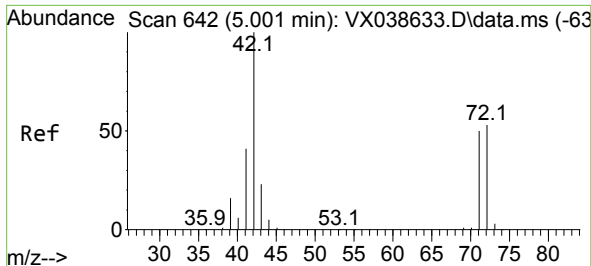
Tgt Ion: 43 Resp: 2430
Ion Ratio Lower Upper
43 100
58 30.0 21.9 32.9



#20
Methylene Chloride
Concen: 0.216 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038684.D
Acq: 09 Nov 2023 16:38

Tgt Ion: 84 Resp: 586
Ion Ratio Lower Upper
84 100
49 69.1 103.6 155.4#
51 27.8 33.8 50.6#
86 47.6 49.4 74.0#





#29

Tetrahydrofuran

Concen: 0.239 ug/l

RT: 5.044 min Scan# 64

Delta R.T. 0.043 min

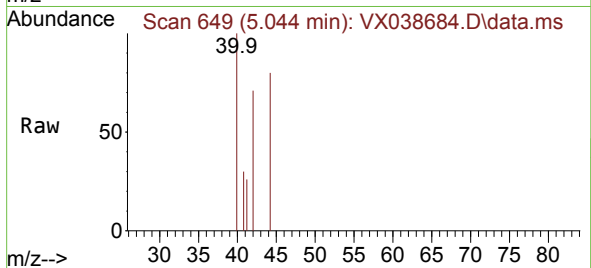
Lab File: VX038684.D

Acq: 09 Nov 2023 16:38

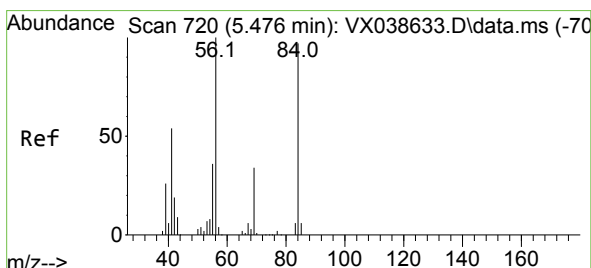
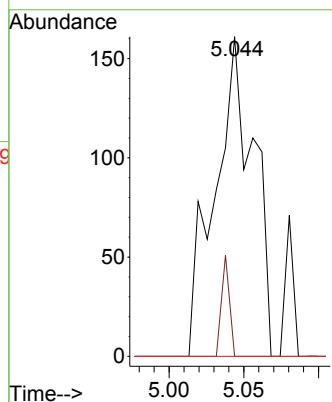
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	42	Resp:	290
Ion	Ratio	Lower	Upper
42	100		
72	6.6	34.2	51.4#
71	0.0	32.2	48.2#



#31

Cyclohexane

Concen: 1.137 ug/l

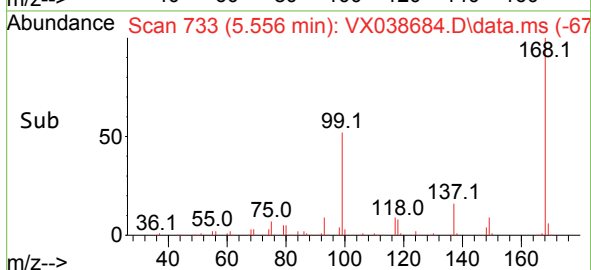
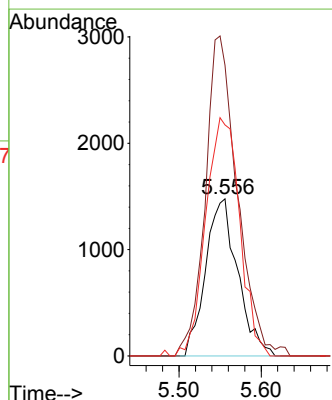
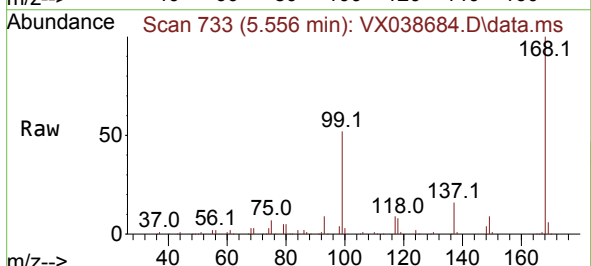
RT: 5.556 min Scan# 733

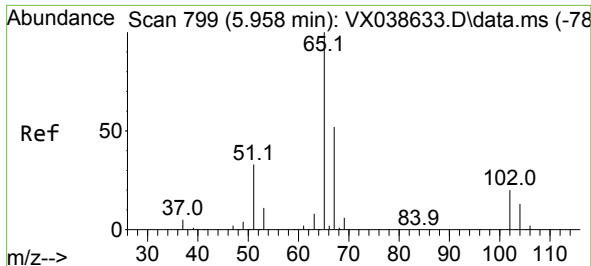
Delta R.T. 0.080 min

Lab File: VX038684.D

Acq: 09 Nov 2023 16:38

Tgt Ion:	56	Resp:	4017
Ion	Ratio	Lower	Upper
56	100		
69	179.3	23.4	35.2#
84	147.1	65.9	98.9#

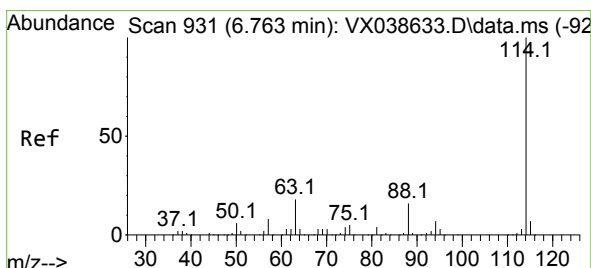
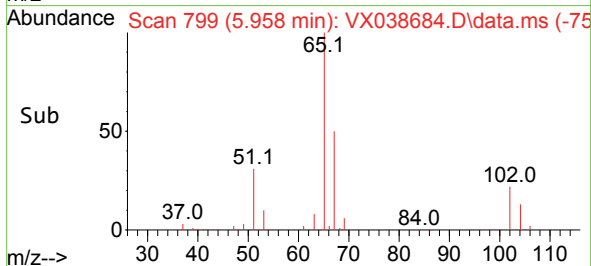
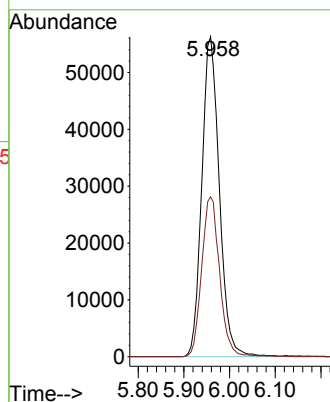
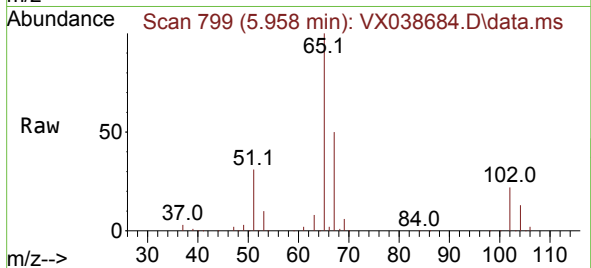




#33
 1,2-Dichloroethane-d4
 Concen: 46.996 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038684.D
 Acq: 09 Nov 2023 16:38

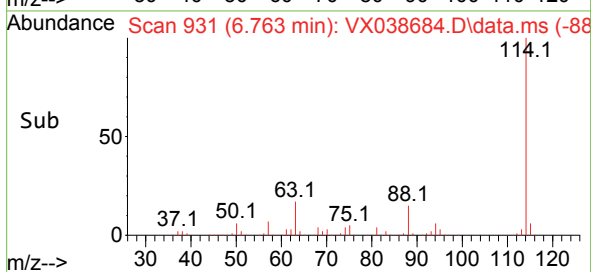
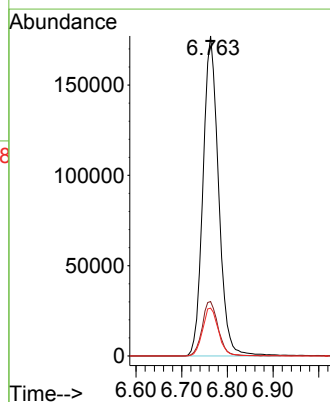
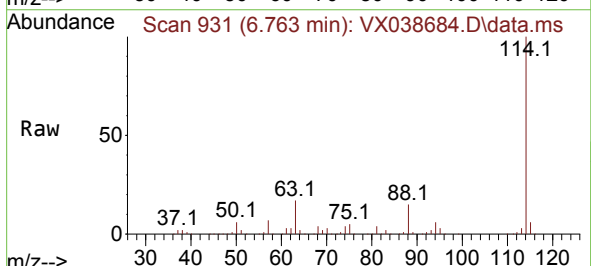
Instrument :
 MSVOA_X
 ClientSampleId :

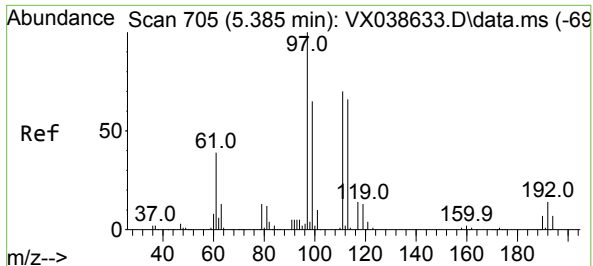
Tgt Ion: 65 Resp: 149971
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038684.D
 Acq: 09 Nov 2023 16:38

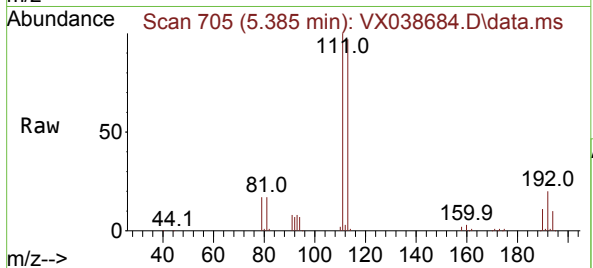
Tgt Ion: 114 Resp: 420025
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 45.0
 88 15.0 0.0 36.6



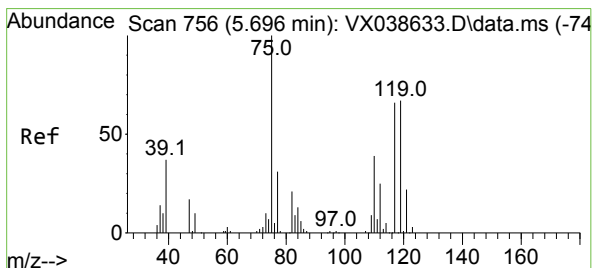
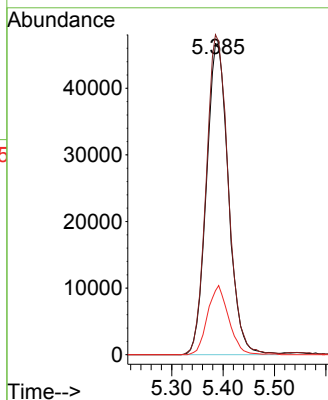
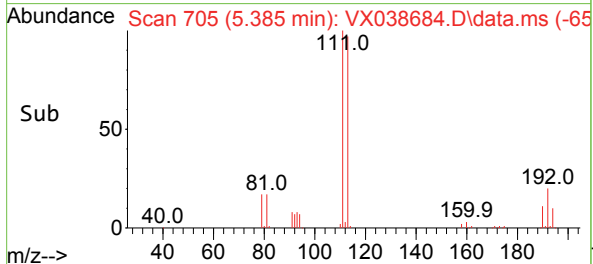


#35
Dibromofluoromethane
Concen: 45.951 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038684.D
Acq: 09 Nov 2023 16:38

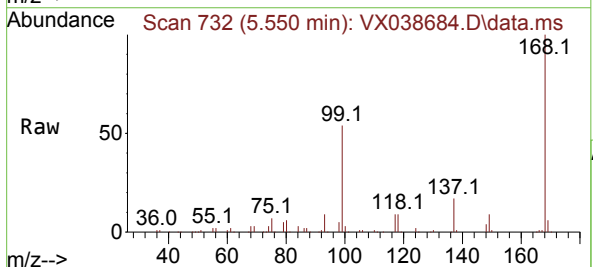
Instrument :
MSVOA_X
ClientSampleId :



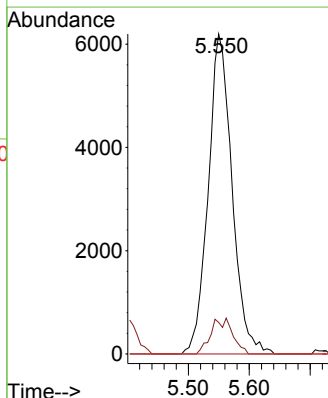
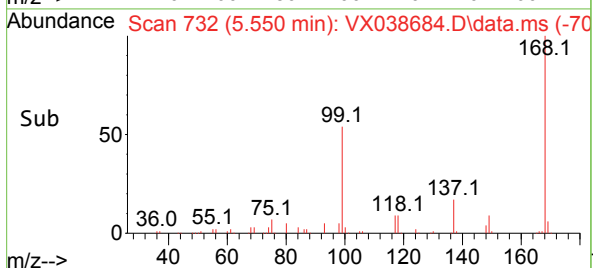
Tgt Ion:113 Resp: 139010
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 21.3 13.3 19.9#

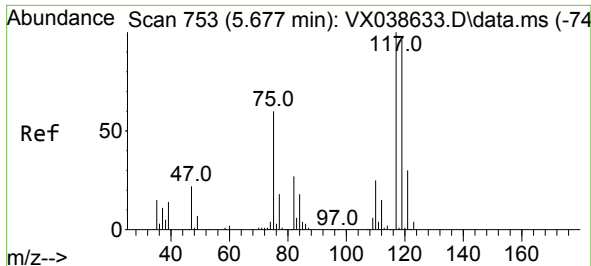


#36
1,1-Dichloropropene
Concen: 4.479 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX038684.D
Acq: 09 Nov 2023 16:38



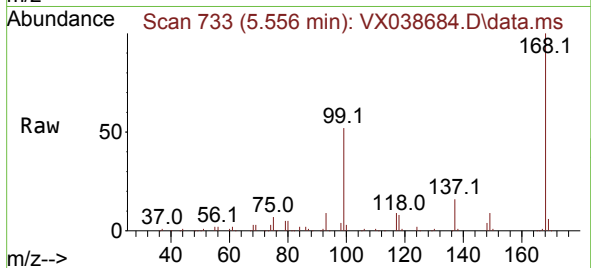
Tgt Ion: 75 Resp: 16830
Ion Ratio Lower Upper
75 100
110 10.2 17.0 50.9#
77 0.0 24.7 37.1#



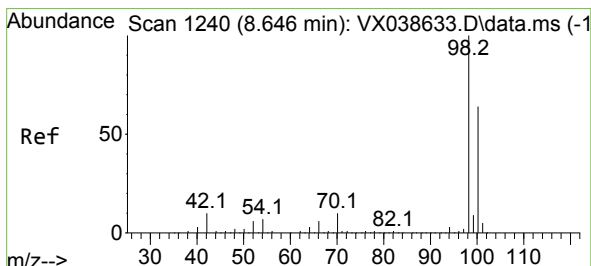
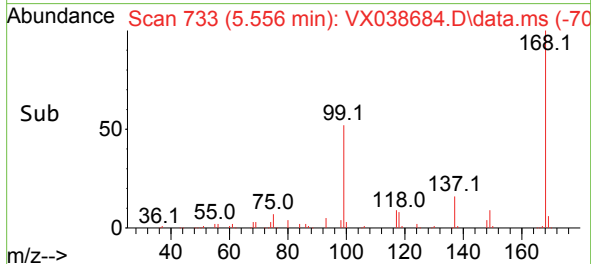
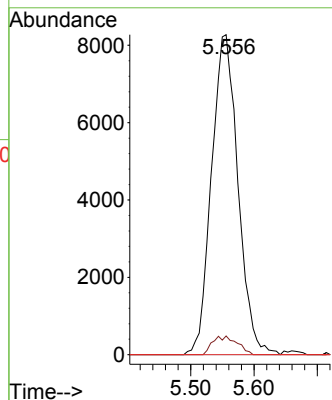


#38
Carbon Tetrachloride
Concen: 5.722 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX038684.D
Acq: 09 Nov 2023 16:38

Instrument :
MSVOA_X
ClientSampleId :

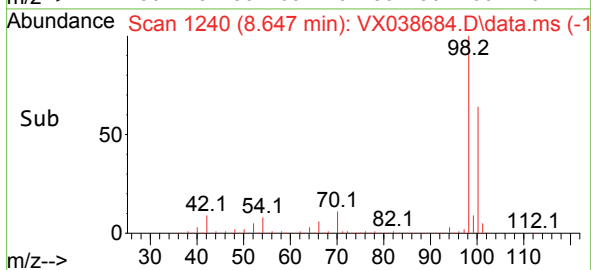
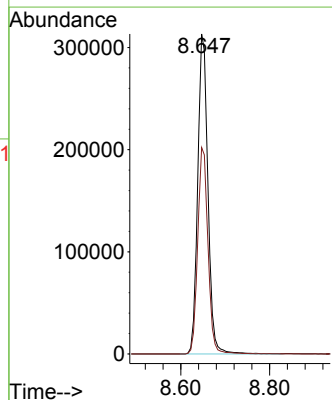
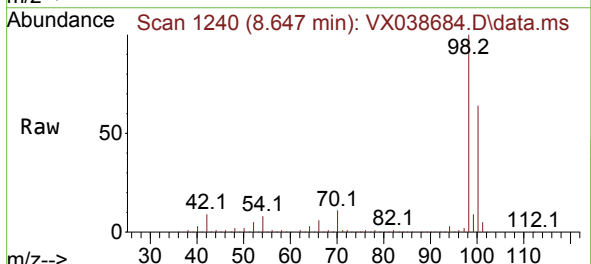


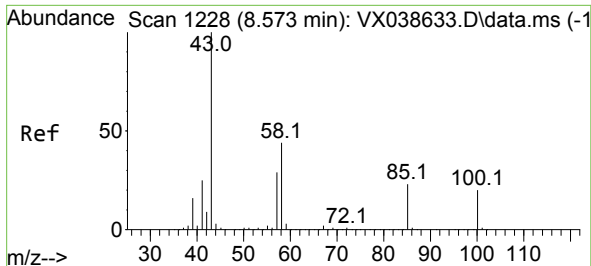
Tgt Ion:117 Resp: 24039
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.932 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038684.D
Acq: 09 Nov 2023 16:38

Tgt Ion: 98 Resp: 497222
Ion Ratio Lower Upper
98 100
100 65.0 53.1 79.7

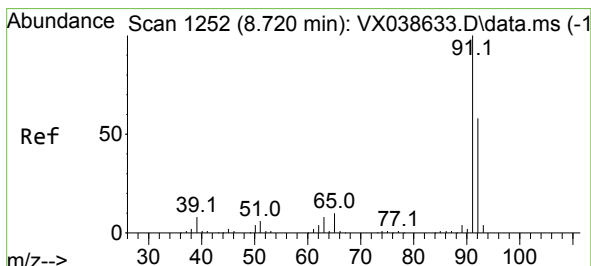
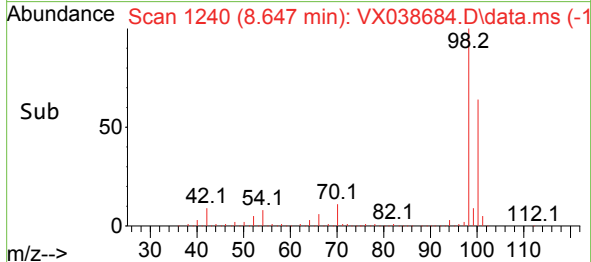
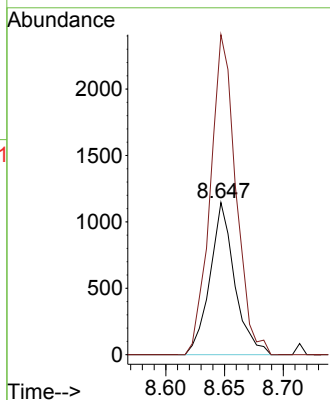
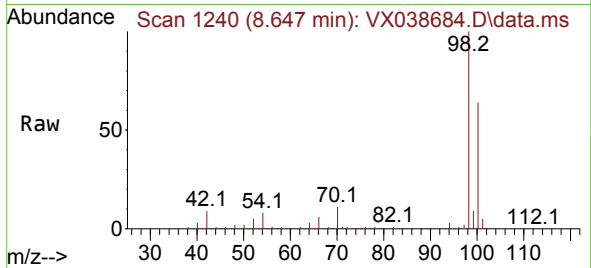




#51
4-Methyl-2-Pentanone
Concen: 0.437 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX038684.D
Acq: 09 Nov 2023 16:38

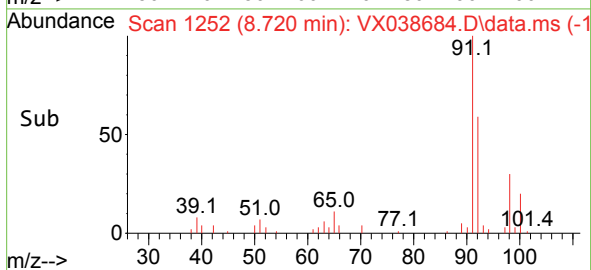
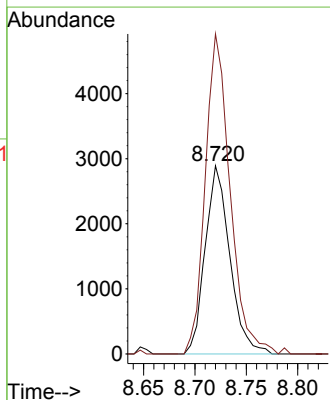
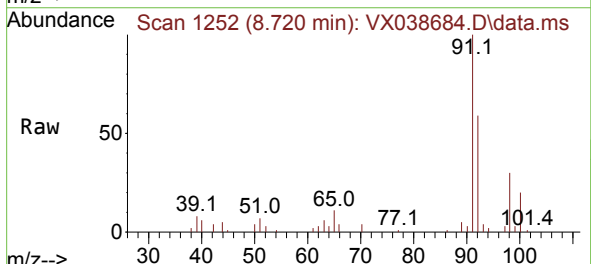
Instrument :
MSVOA_X
ClientSampleId :

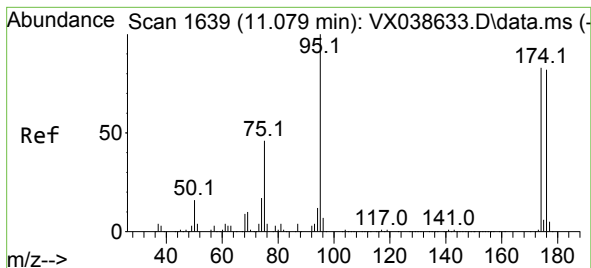
Tgt Ion: 43 Resp: 1678
Ion Ratio Lower Upper
43 100
58 217.9 30.4 45.6#



#52
Toluene
Concen: 0.683 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038684.D
Acq: 09 Nov 2023 16:38

Tgt Ion: 92 Resp: 4846
Ion Ratio Lower Upper
92 100
91 171.4 134.2 201.2

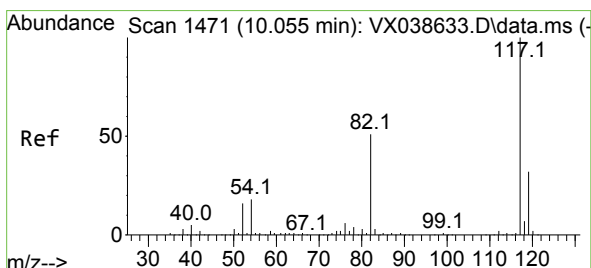
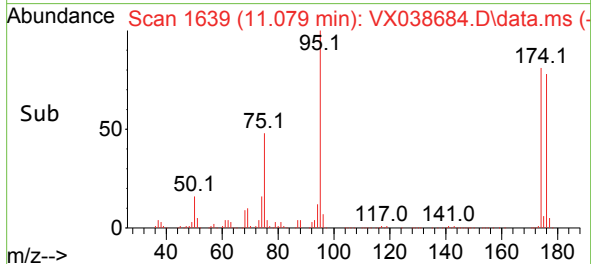
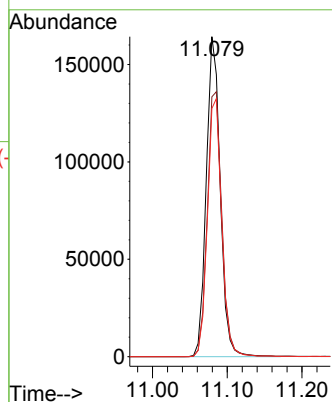
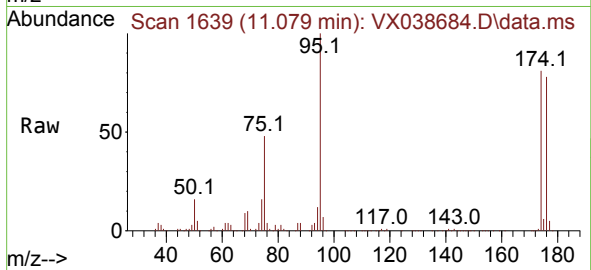




#62
4-Bromofluorobenzene
Concen: 50.637 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038684.D
Acq: 09 Nov 2023 16:38

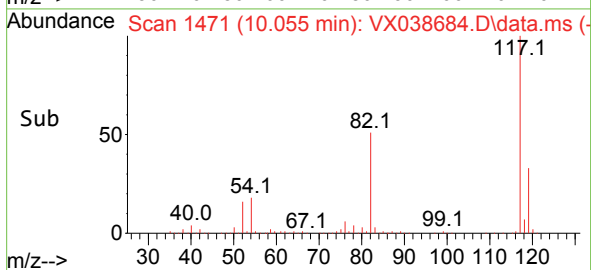
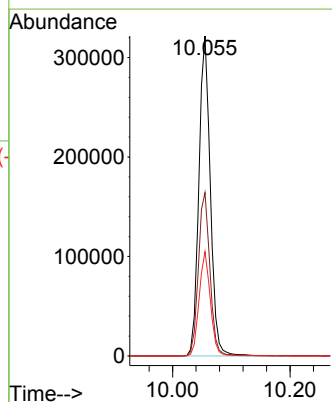
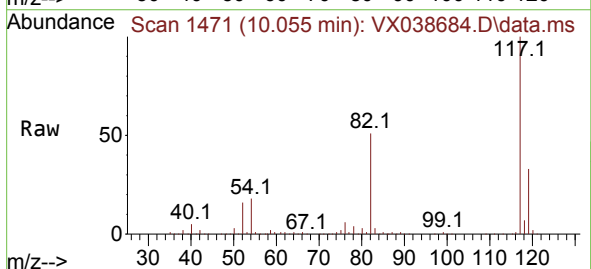
Instrument :
MSVOA_X
ClientSampleId :

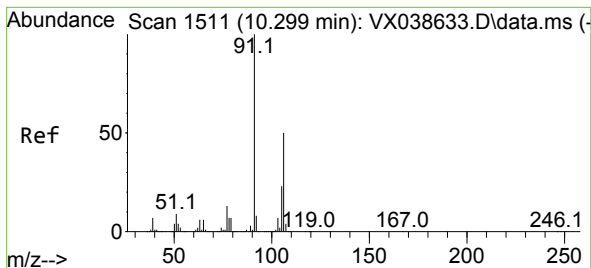
Tgt Ion: 95 Resp: 212528
Ion Ratio Lower Upper
95 100
174 86.6 0.0 135.6
176 82.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038684.D
Acq: 09 Nov 2023 16:38

Tgt Ion: 117 Resp: 435754
Ion Ratio Lower Upper
117 100
82 51.1 46.2 69.4
119 32.6 25.5 38.3

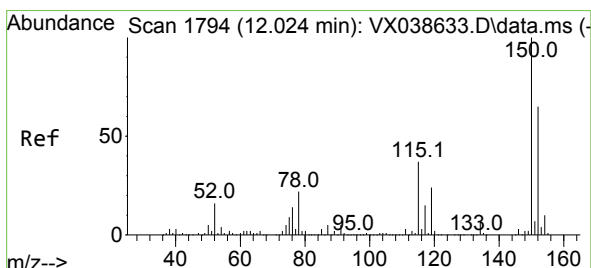
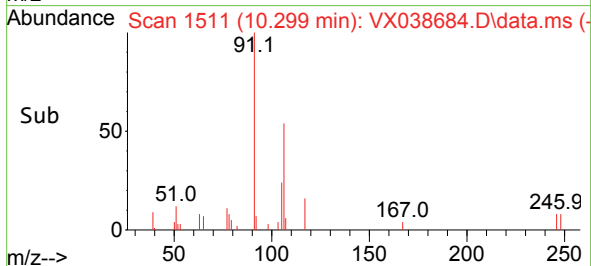
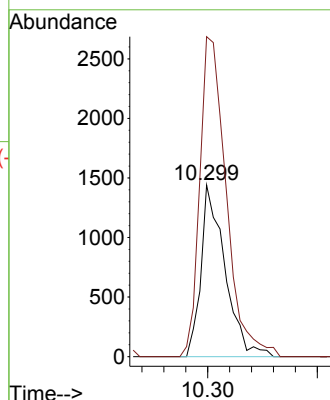
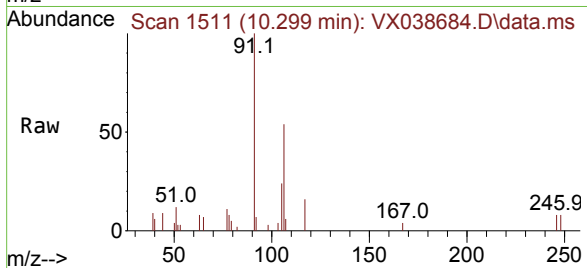




#68
m/p-Xylenes
Concen: 0.367 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038684.D
Acq: 09 Nov 2023 16:38

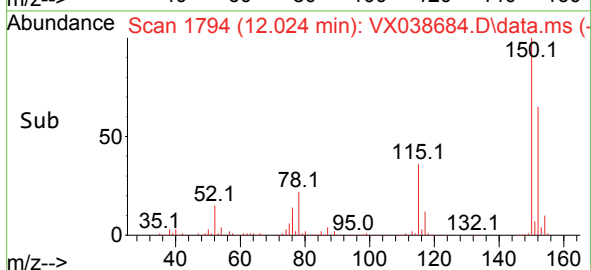
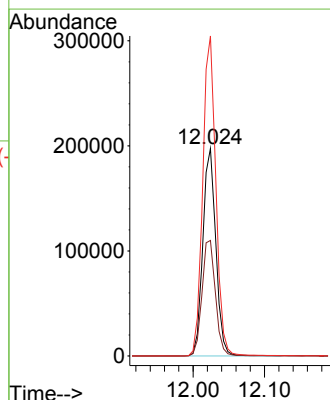
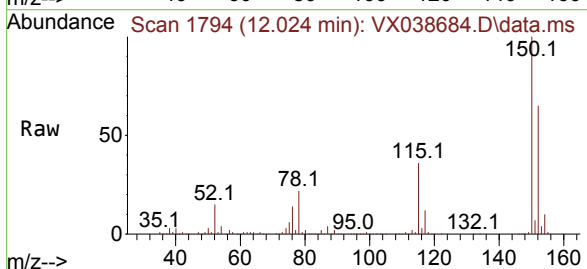
Instrument :
MSVOA_X
ClientSampleId :

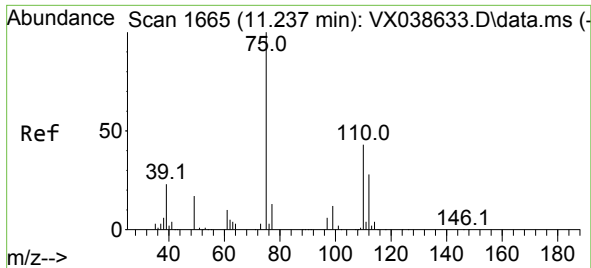
Tgt Ion:106 Resp: 2185
Ion Ratio Lower Upper
106 100
91 205.6 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038684.D
Acq: 09 Nov 2023 16:38

Tgt Ion:152 Resp: 249535
Ion Ratio Lower Upper
152 100
115 57.6 43.3 129.9
150 155.7 0.0 345.0

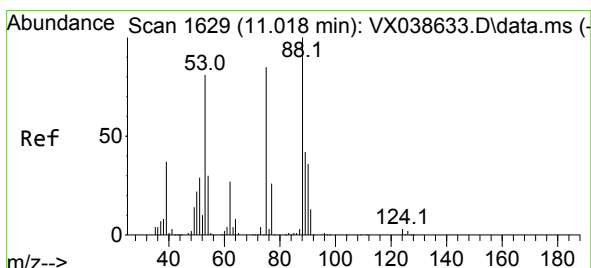
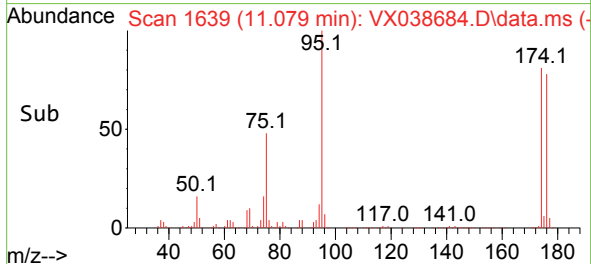
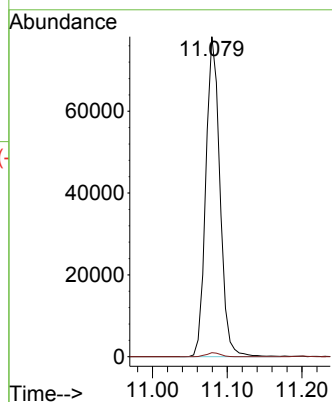
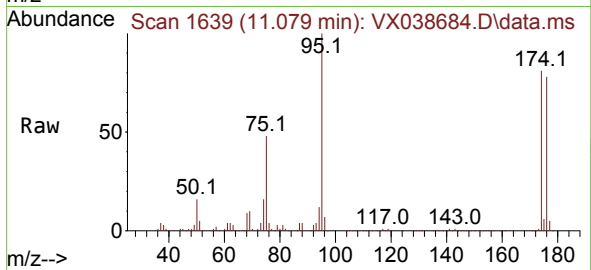




#76
1,2,3-Trichloropropane
Concen: 20.769 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038684.D
Acq: 09 Nov 2023 16:38

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 102639
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.209 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038684.D
Acq: 09 Nov 2023 16:38

Tgt Ion: 75 Resp: 102639
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

