

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102723\
 Data File : VX038600.D
 Acq On : 27 Oct 2023 14:16
 Operator : JC/MD
 Sample : 05097-10RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 30 01:30:23 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)

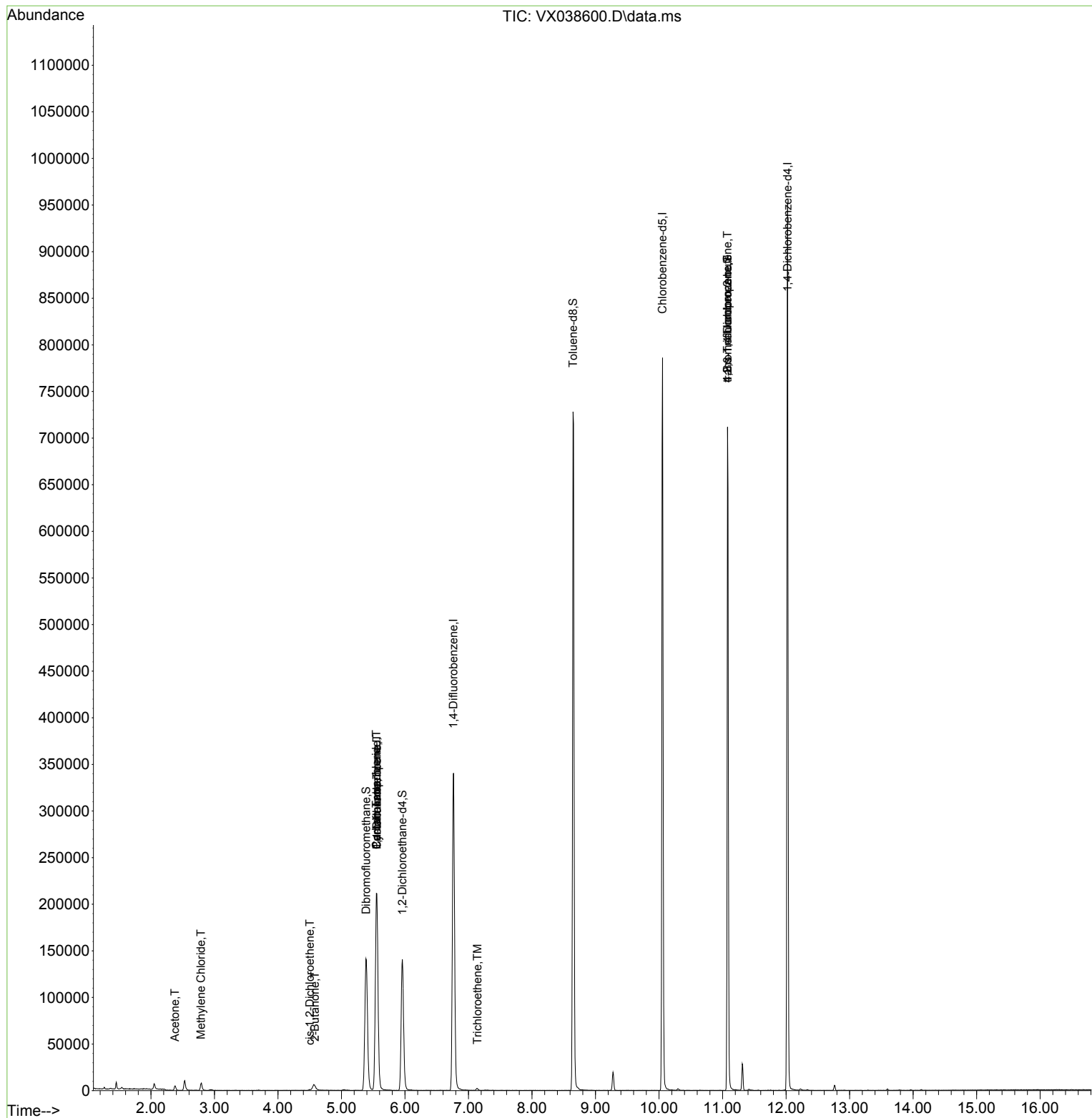
Internal Standards						
1) Pentafluorobenzene	5.556	168	215406	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	363093	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	377557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	208307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	139751	40.336	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	80.680%		
35) Dibromofluoromethane	5.385	113	125725	48.054	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.100%		
50) Toluene-d8	8.646	98	456508	45.662	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.320%#		
62) 4-Bromofluorobenzene	11.079	95	185884	49.043	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.080%		
Target Compounds						
						Qvalue
5) Bromomethane	1.617	94	65	Below Cal	#	3
6) Chloroethane	1.696	64	155	Below Cal	#	43
11) Tert butyl alcohol	2.952	59	853	Below Cal	#	78
16) Acetone	2.379	43	5399	3.734	ug/l	97
20) Methylene Chloride	2.788	84	4181	1.537	ug/l	# 78
25) 2-Butanone	4.580	43	807	0.346	ug/l	# 51
27) cis-1,2-Dichloroethene	4.501	96	618	0.213	ug/l	78
31) Cyclohexane	5.556	56	4209	1.121	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	15646	4.337	ug/l	# 51
38) Carbon Tetrachloride	5.549	117	20917	5.893	ug/l	# 18
44) Trichloroethene	7.141	130	1045	0.396	ug/l	73
76) 1,2,3-Trichloropropane	11.079	75	94958	20.052	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	94958	57.861	ug/l	# 5

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

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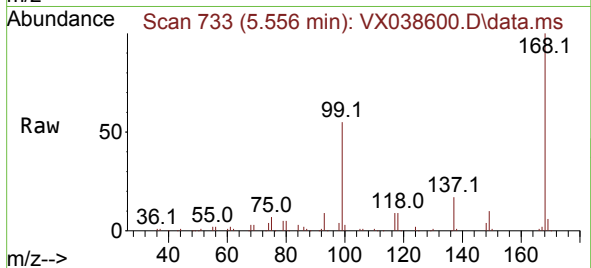
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



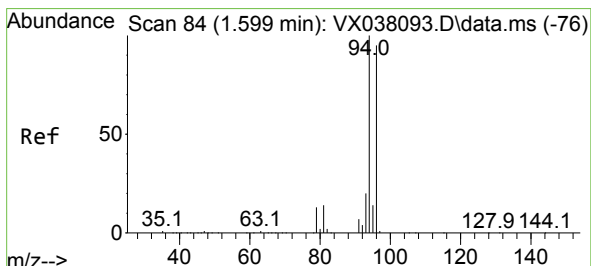
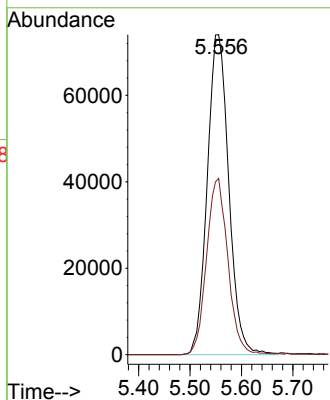
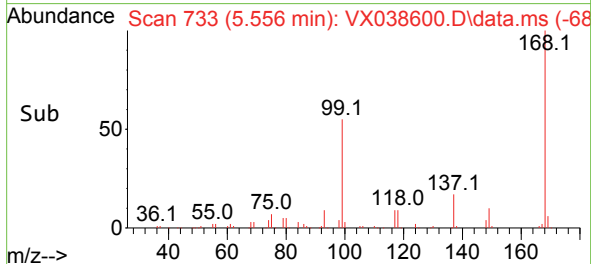


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038600.D
Acq: 27 Oct 2023 14:16

Instrument :
MSVOA_X
ClientSampleId :

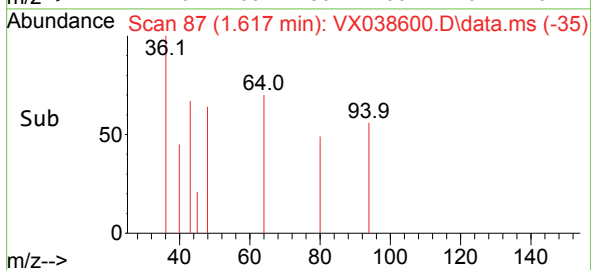
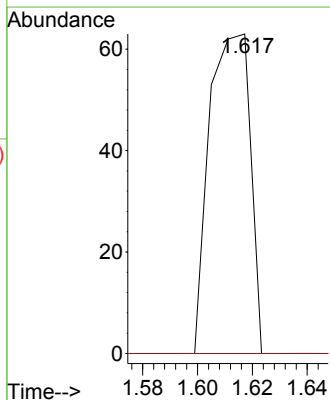
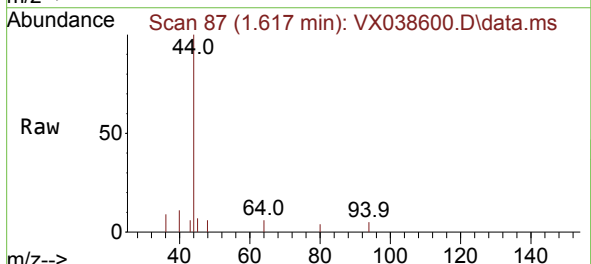


Tgt Ion:168 Resp: 215406
Ion Ratio Lower Upper
168 100
99 55.1 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX038600.D
Acq: 27 Oct 2023 14:16

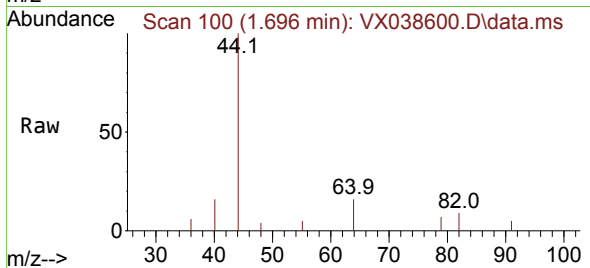
Tgt Ion: 94 Resp: 65
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



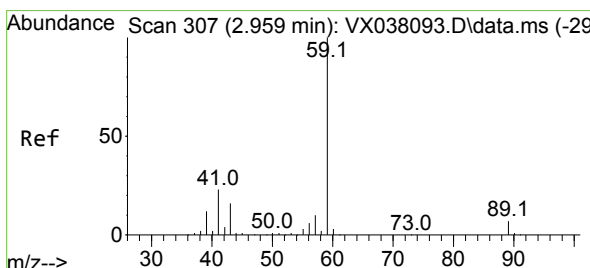
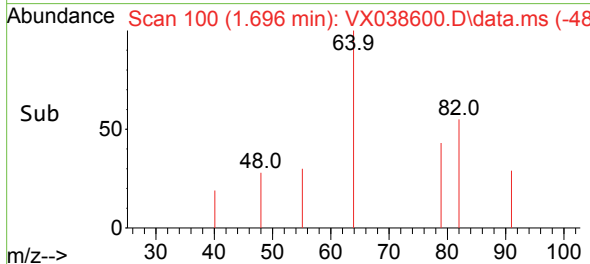
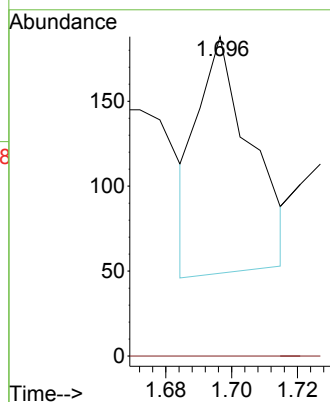


#6
Chloroethane
Concen: Below Cal
RT: 1.696 min Scan# 100
Delta R.T. 0.017 min
Lab File: VX038600.D
Acq: 27 Oct 2023 14:16

Instrument :
MSVOA_X
ClientSampleId :

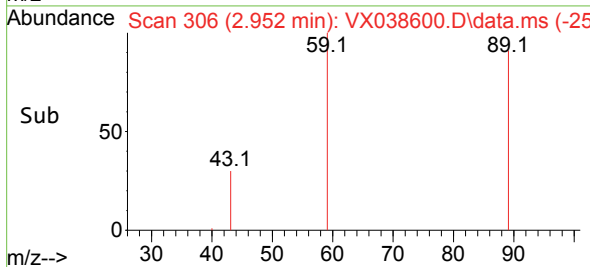
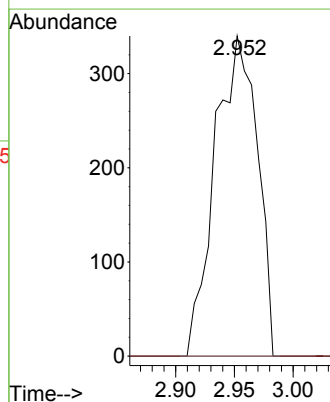
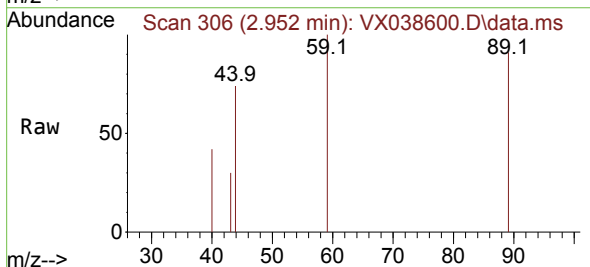


Tgt Ion: 64 Resp: 155
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.952 min Scan# 306
Delta R.T. -0.007 min
Lab File: VX038600.D
Acq: 27 Oct 2023 14:16

Tgt Ion: 59 Resp: 853
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

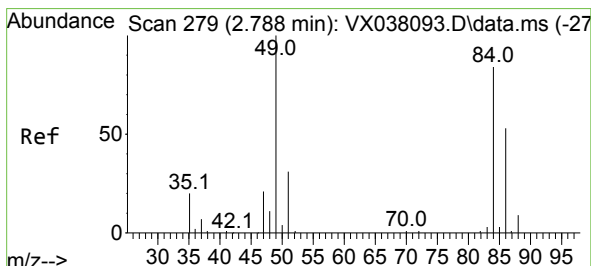
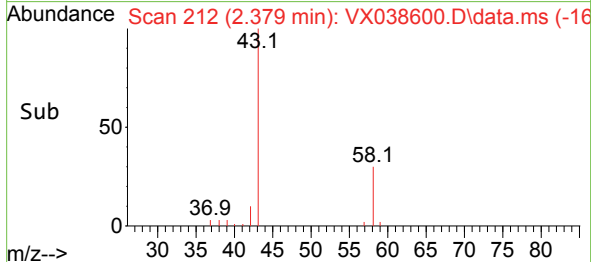
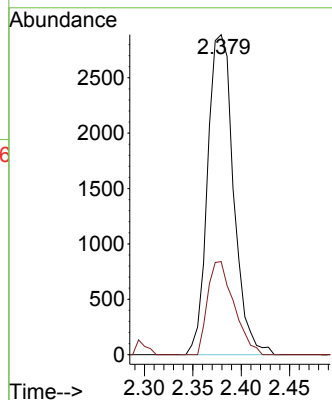
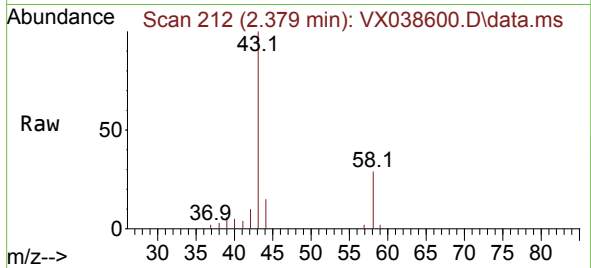




#16
Acetone
Concen: 3.734 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX038600.D
Acq: 27 Oct 2023 14:16

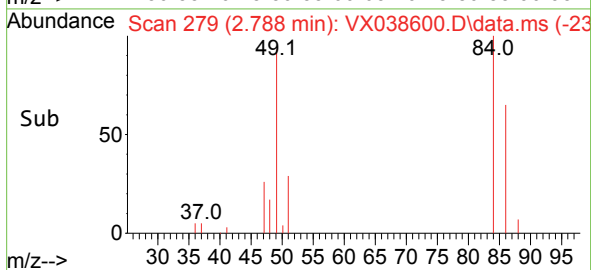
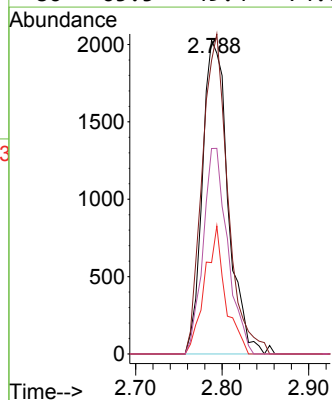
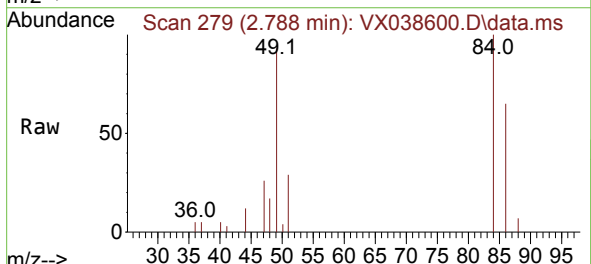
Instrument :
MSVOA_X
ClientSampleId :

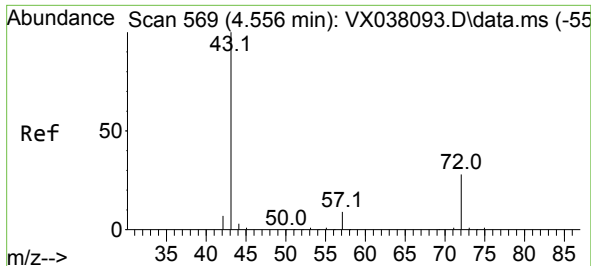
Tgt Ion: 43 Resp: 5399
Ion Ratio Lower Upper
43 100
58 29.1 21.9 32.9



#20
Methylene Chloride
Concen: 1.537 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038600.D
Acq: 27 Oct 2023 14:16

Tgt Ion: 84 Resp: 4181
Ion Ratio Lower Upper
84 100
49 93.5 103.6 155.4#
51 29.1 33.8 50.6#
86 65.5 49.4 74.0

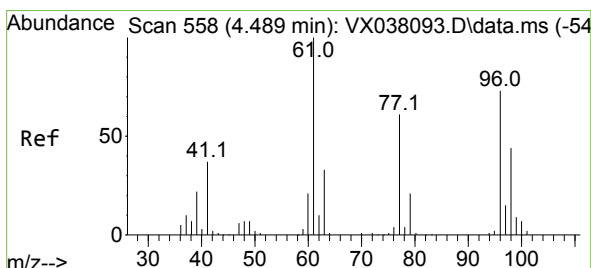
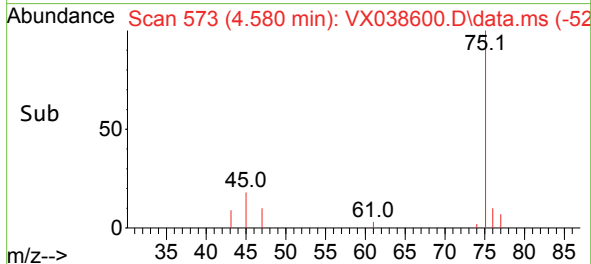
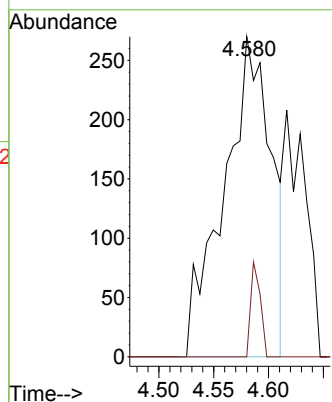
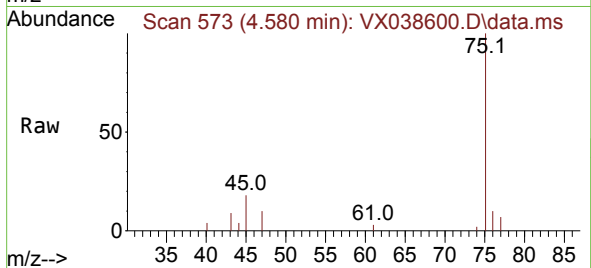




#25
2-Butanone
Concen: 0.346 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX038600.D
Acq: 27 Oct 2023 14:16

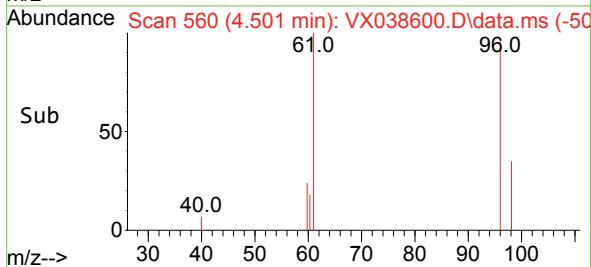
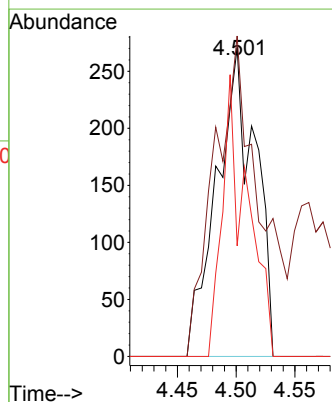
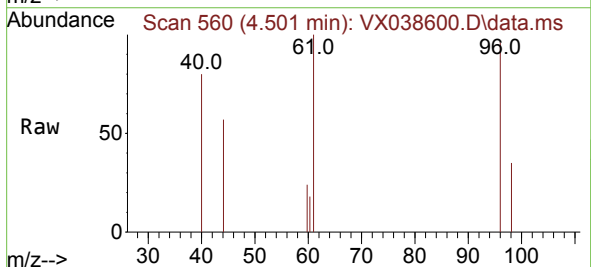
Instrument :
MSVOA_X
ClientSampleId :

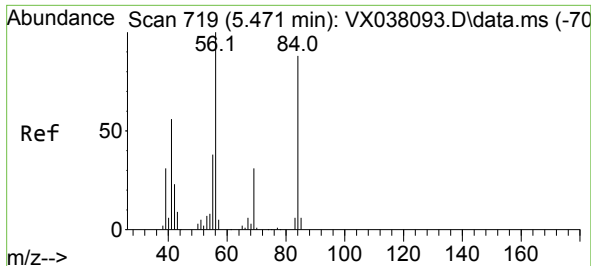
Tgt Ion: 43 Resp: 807
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#27
cis-1,2-Dichloroethene
Concen: 0.213 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX038600.D
Acq: 27 Oct 2023 14:16

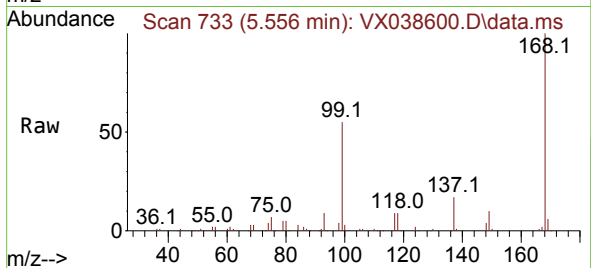
Tgt Ion: 96 Resp: 618
Ion Ratio Lower Upper
96 100
61 120.2 0.0 312.2
98 58.7 0.0 129.0



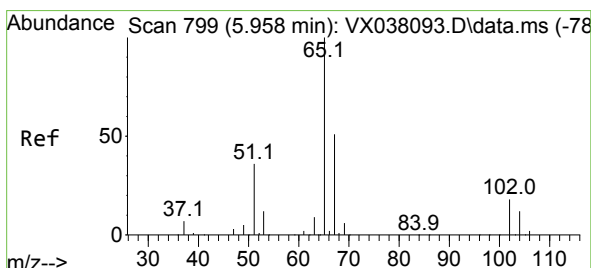
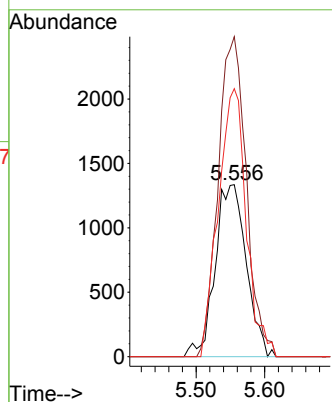
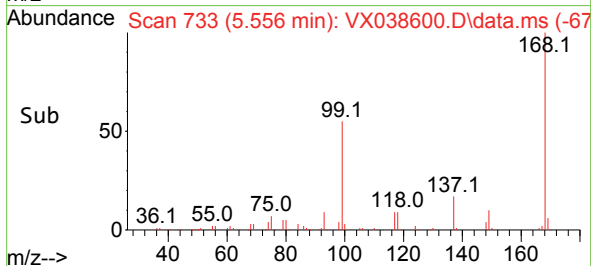


#31
Cyclohexane
Concen: 1.121 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX038600.D
Acq: 27 Oct 2023 14:16

Instrument :
MSVOA_X
ClientSampleId :

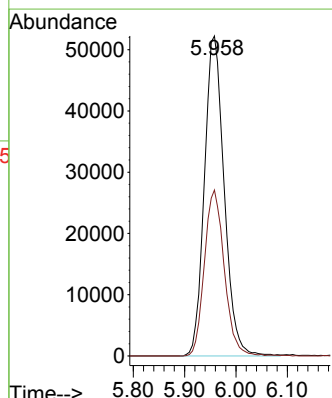
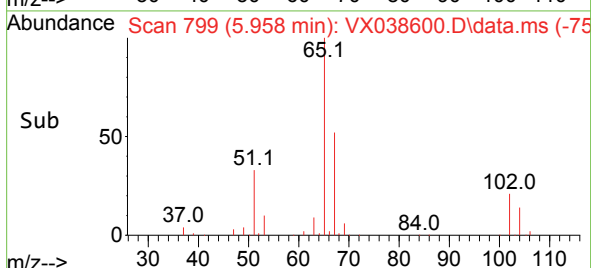
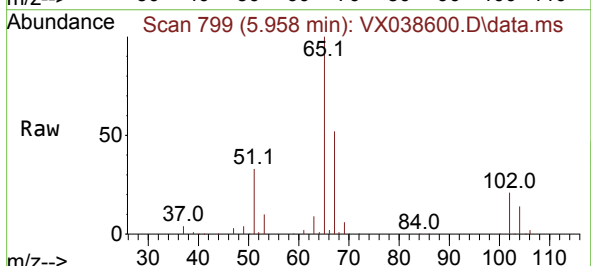


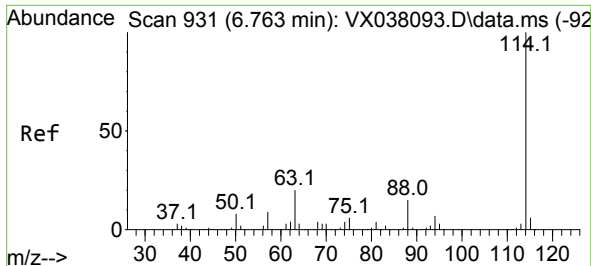
Tgt Ion: 56 Resp: 4209
Ion Ratio Lower Upper
56 100
69 186.1 23.4 35.2#
84 155.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 40.336 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX038600.D
Acq: 27 Oct 2023 14:16

Tgt Ion: 65 Resp: 139751
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2

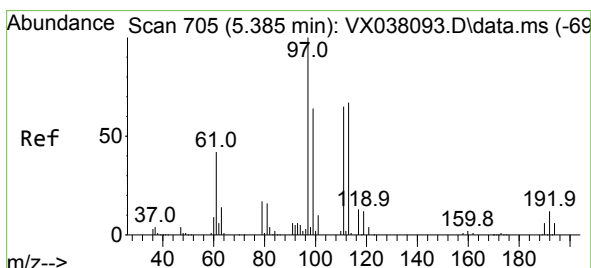
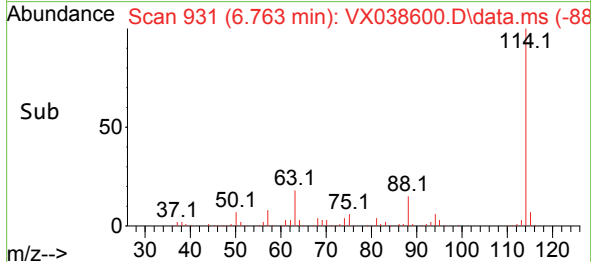
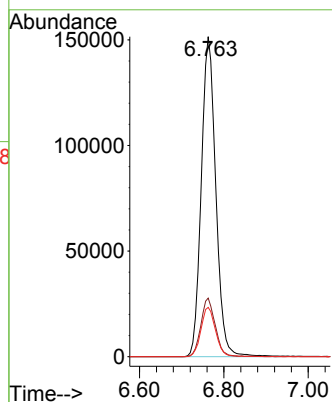
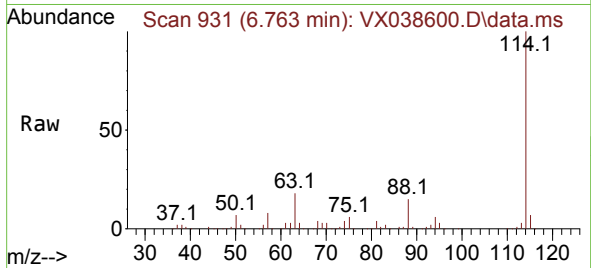




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038600.D
Acq: 27 Oct 2023 14:16

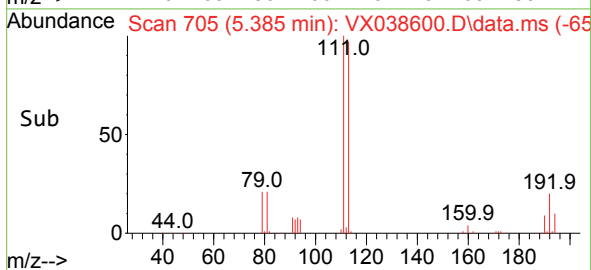
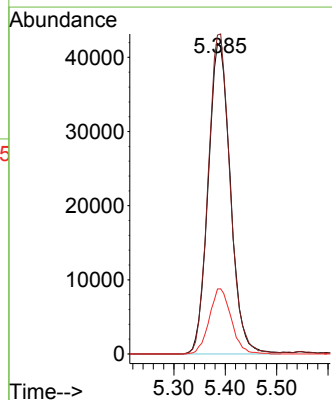
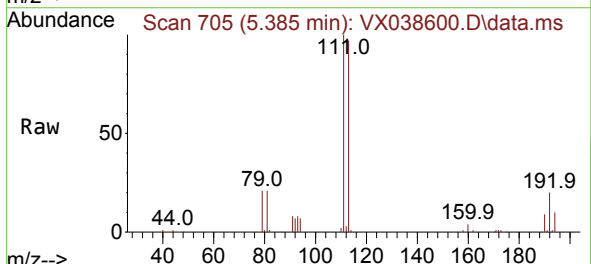
Instrument :
MSVOA_X
ClientSampleId :

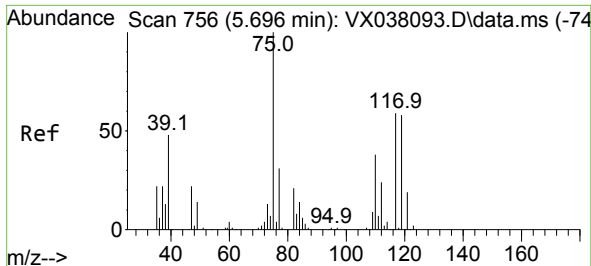
Tgt Ion:114 Resp: 363093
Ion Ratio Lower Upper
114 100
63 18.3 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.054 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038600.D
Acq: 27 Oct 2023 14:16

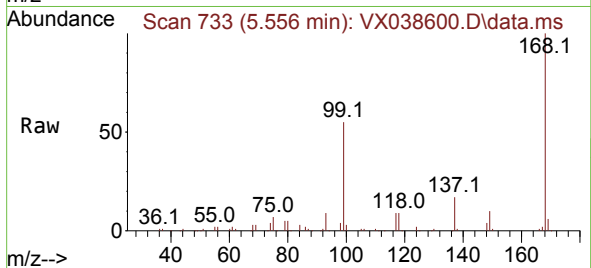
Tgt Ion:113 Resp: 125725
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 20.7 13.3 19.9#



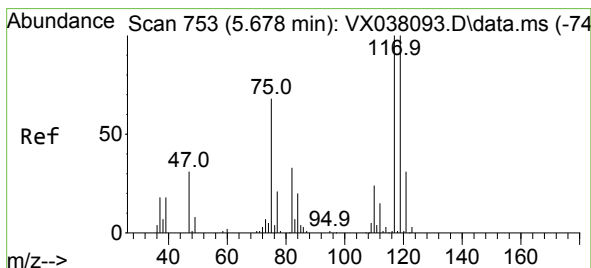
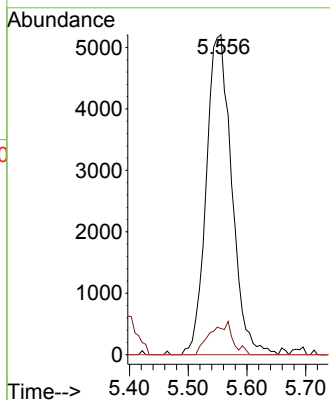
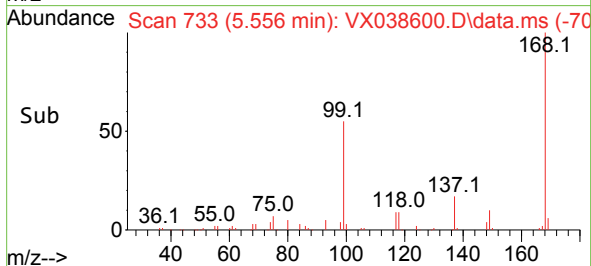


#36
1,1-Dichloropropene
Concen: 4.337 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX038600.D
Acq: 27 Oct 2023 14:16

Instrument :
MSVOA_X
ClientSampleId :

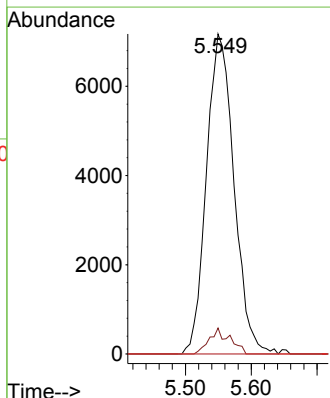
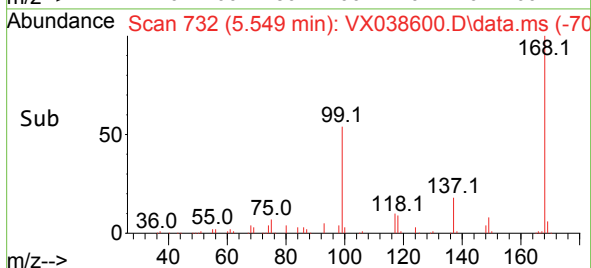
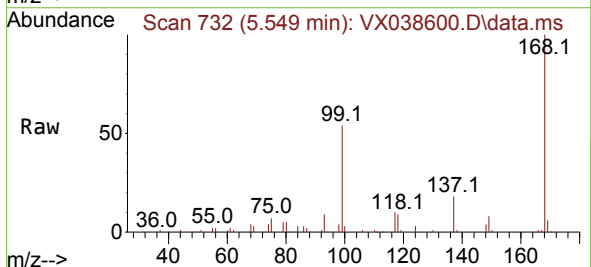


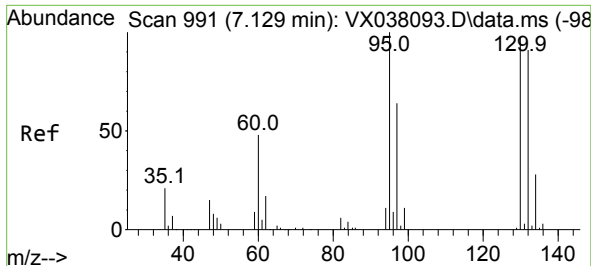
Tgt Ion: 75 Resp: 15646
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.893 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.129 min
Lab File: VX038600.D
Acq: 27 Oct 2023 14:16

Tgt Ion: 117 Resp: 20917
Ion Ratio Lower Upper
117 100
119 8.1 78.2 117.2#
121 0.0 24.4 36.6#

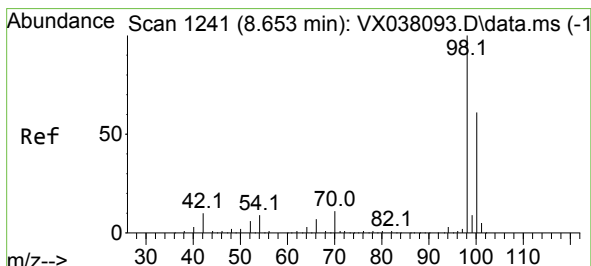
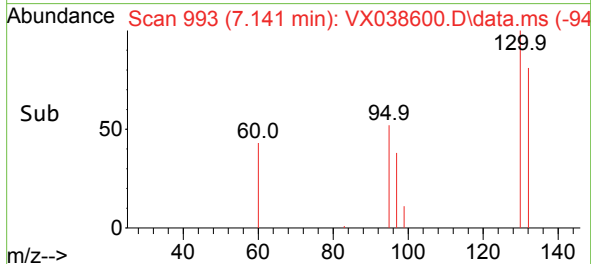
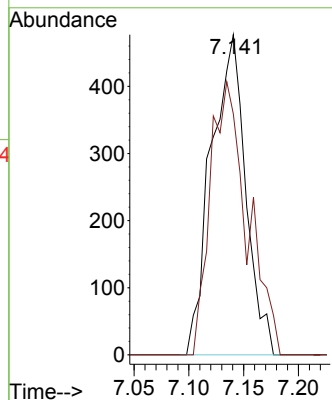
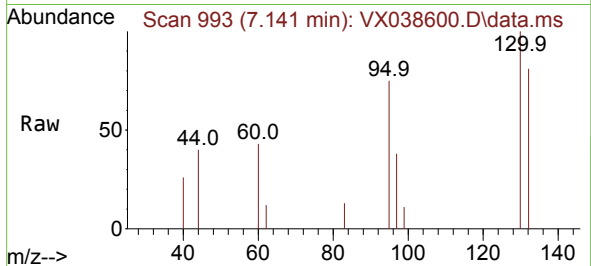




#44
Trichloroethene
Concen: 0.396 ug/l
RT: 7.141 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX038600.D
Acq: 27 Oct 2023 14:16

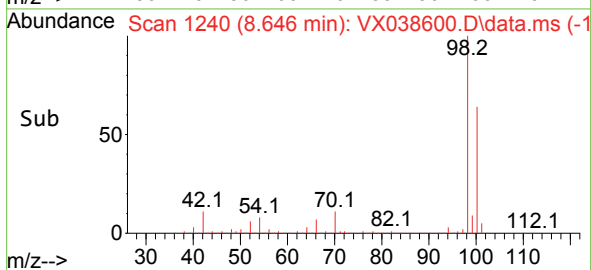
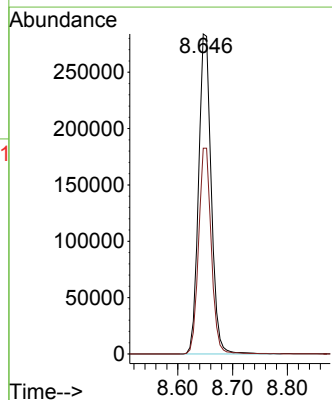
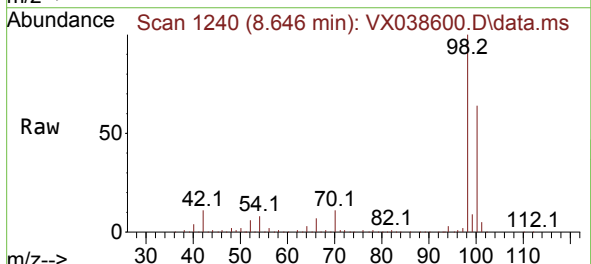
Instrument :
MSVOA_X
ClientSampleId :

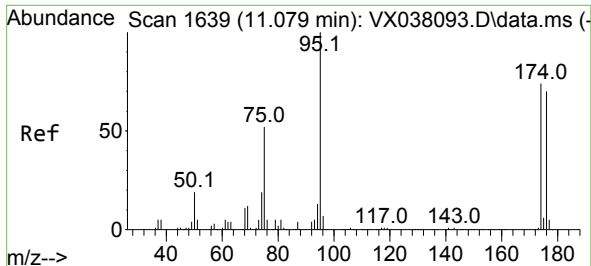
Tgt Ion:130 Resp: 1045
Ion Ratio Lower Upper
130 100
95 75.3 0.0 204.4



#50
Toluene-d8
Concen: 45.662 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.007 min
Lab File: VX038600.D
Acq: 27 Oct 2023 14:16

Tgt Ion: 98 Resp: 456508
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7

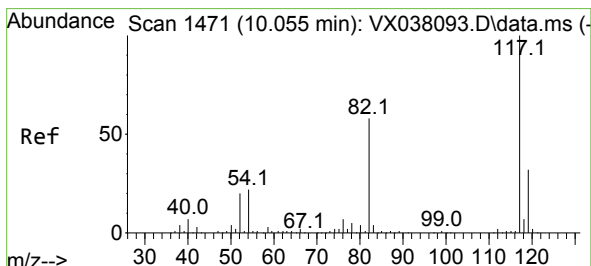
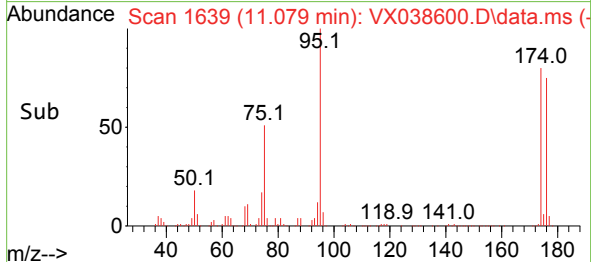
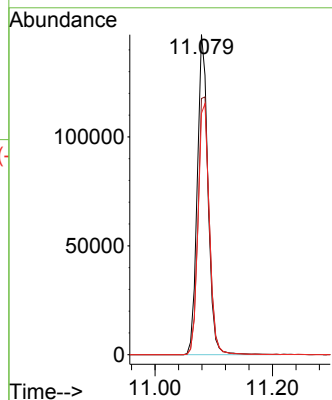
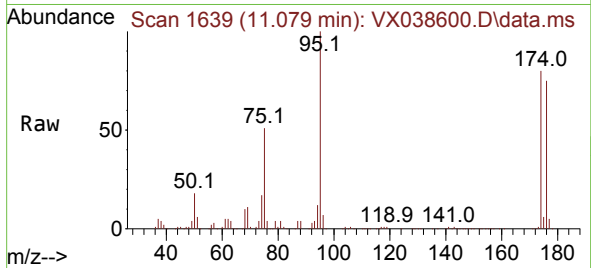




#62
4-Bromofluorobenzene
Concen: 49.043 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX038600.D
Acq: 27 Oct 2023 14:16

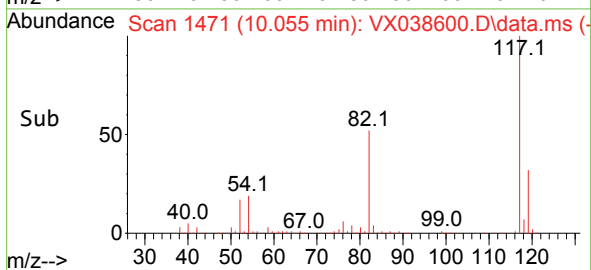
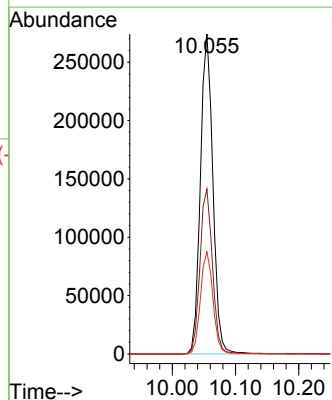
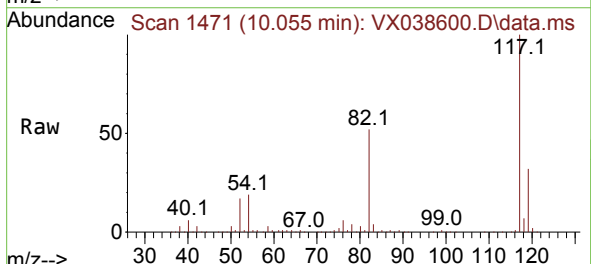
Instrument :
MSVOA_X
ClientSampleId :

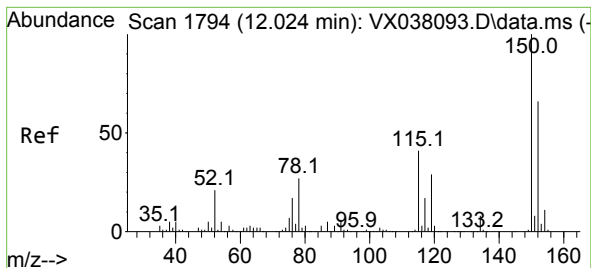
Tgt Ion: 95 Resp: 185884
Ion Ratio Lower Upper
95 100
174 85.0 0.0 135.6
176 82.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038600.D
Acq: 27 Oct 2023 14:16

Tgt Ion: 117 Resp: 377557
Ion Ratio Lower Upper
117 100
82 51.5 46.2 69.4
119 32.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX038600.D

Acq: 27 Oct 2023 14:16

Instrument :

MSVOA_X

ClientSampleId :

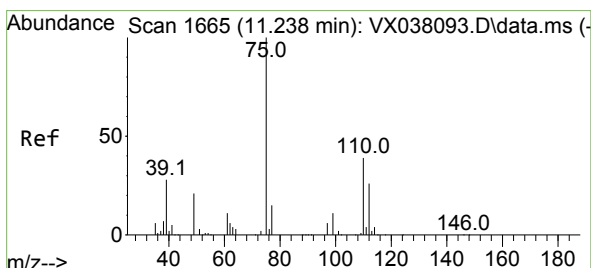
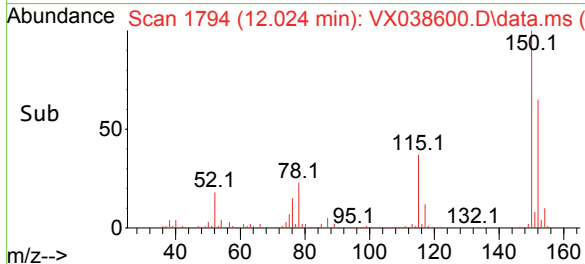
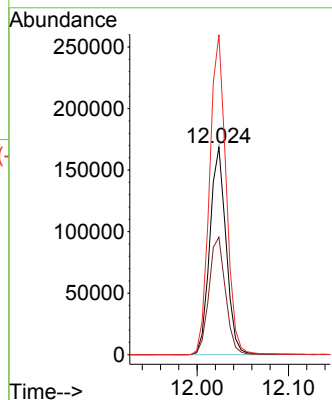
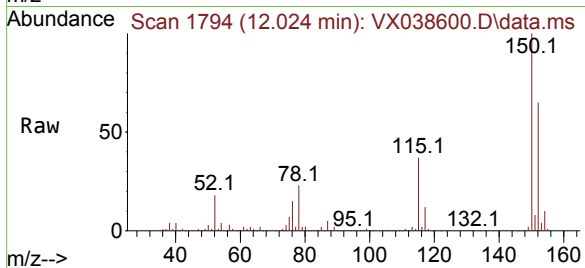
Tgt Ion:152 Resp: 208307

Ion Ratio Lower Upper

152 100

115 57.9 43.3 129.9

150 156.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 20.052 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038600.D

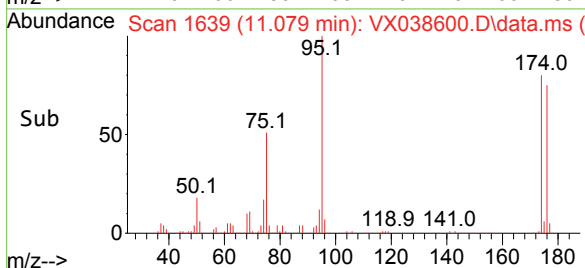
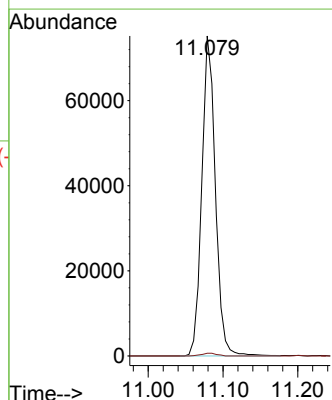
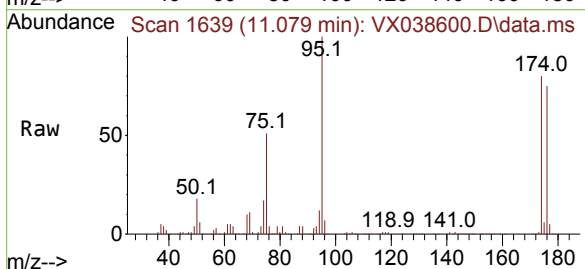
Acq: 27 Oct 2023 14:16

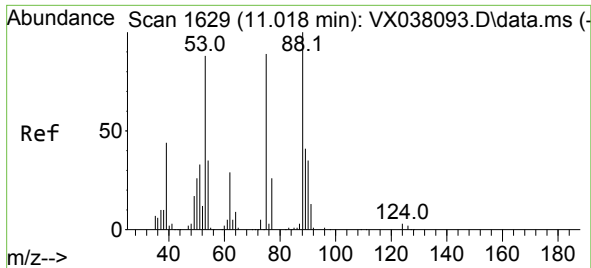
Tgt Ion: 75 Resp: 94958

Ion Ratio Lower Upper

75 100

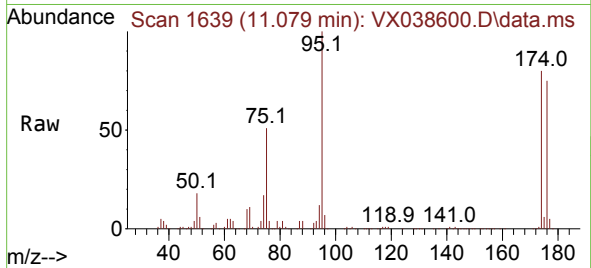
77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.861 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038600.D
 Acq: 27 Oct 2023 14:16

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 94958
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

