

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102623\
 Data File : VX038534.D
 Acq On : 26 Oct 2023 21:34
 Operator : JC/MD
 Sample : 05063-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 27 05:24:13 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)

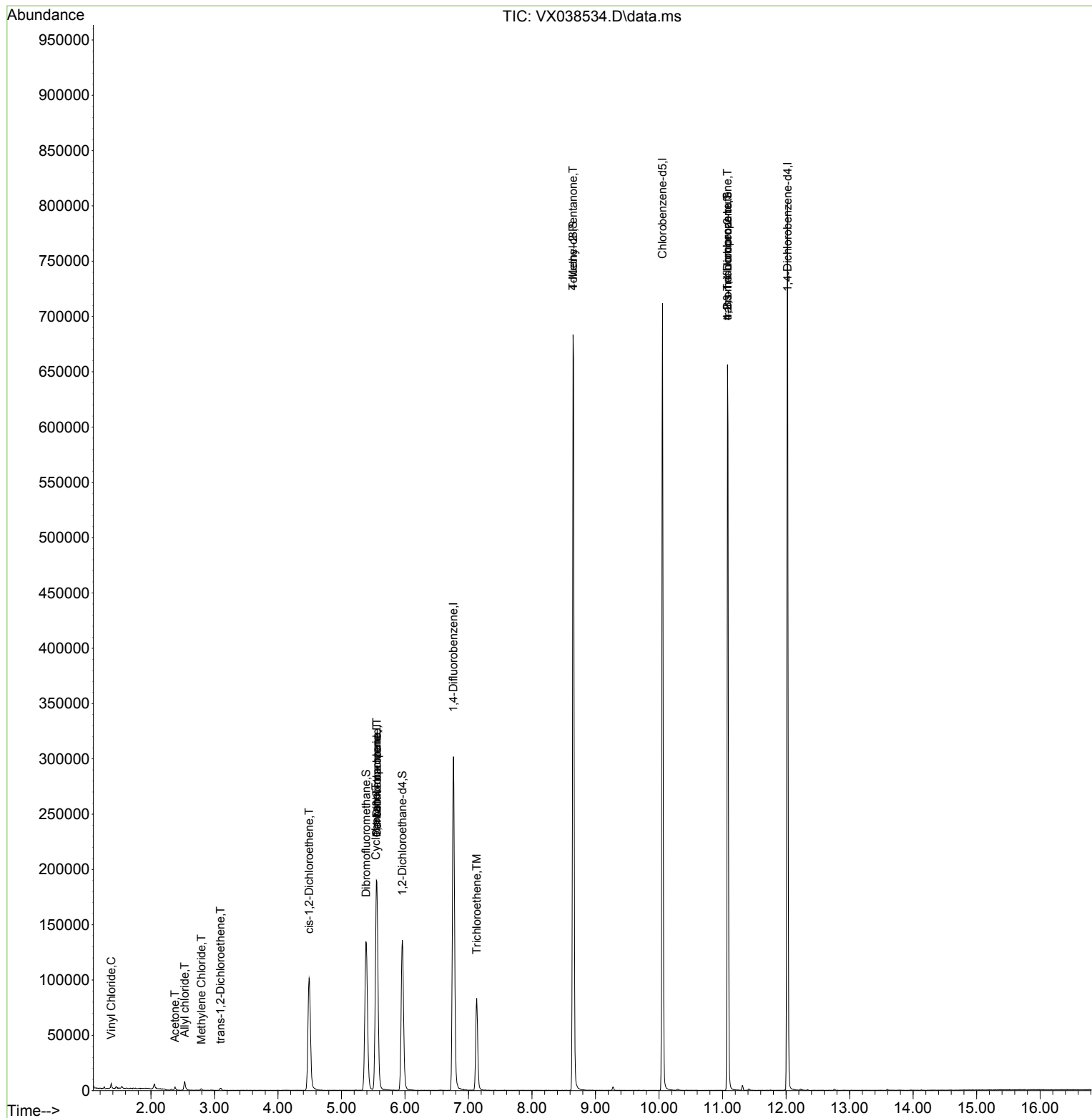
Internal Standards						
1) Pentafluorobenzene	5.556	168	192576	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	325602	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	330607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	130757	42.214	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.420%
35) Dibromofluoromethane	5.385	113	118849	50.657	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.320%
50) Toluene-d8	8.647	98	433427	48.345	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.700%
62) 4-Bromofluorobenzene	11.079	95	171639	50.499	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.000%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	2392	1.139	ug/l	97
5) Bromomethane	1.587	94	20	Below Cal	#	3
6) Chloroethane	1.691	64	38	Below Cal	#	43
11) Tert butyl alcohol	2.946	59	124	Below Cal	#	78
14) Allyl chloride	2.532	41	845	0.268	ug/l	# 81
16) Acetone	2.380	43	2615	2.023	ug/l	# 86
20) Methylene Chloride	2.794	84	649	0.267	ug/l	# 81
21) trans-1,2-Dichloroethene	3.093	96	862	0.395	ug/l	# 80
27) cis-1,2-Dichloroethene	4.489	96	70552	27.155	ug/l	75
31) Cyclohexane	5.544	56	3740	1.114	ug/l	# 25
36) 1,1-Dichloropropene	5.556	75	13606	4.205	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	18757	5.893	ug/l	# 14
44) Trichloroethene	7.129	130	33544	14.173	ug/l	90
51) 4-Methyl-2-Pentanone	8.647	43	1809	0.457	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	87678	21.821	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	87678	62.609	ug/l	# 5

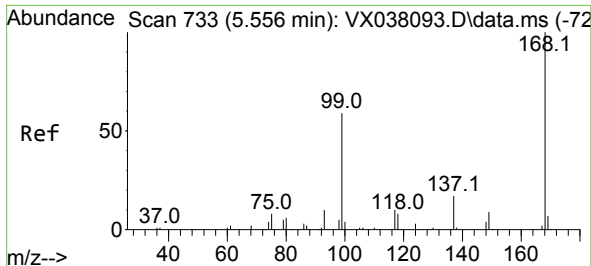
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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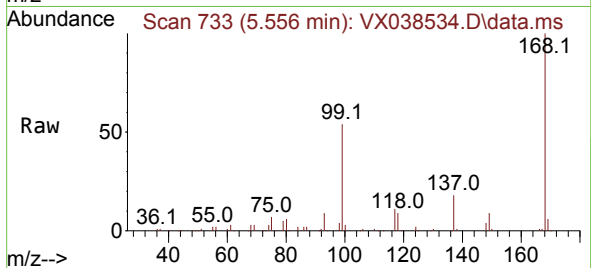
Quant Time: Oct 27 05:24:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



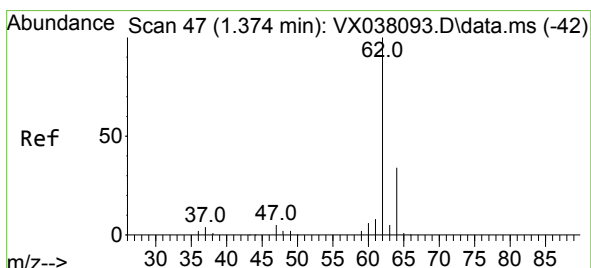
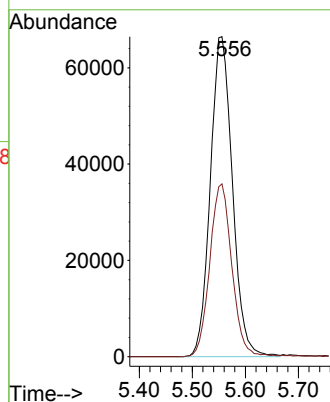
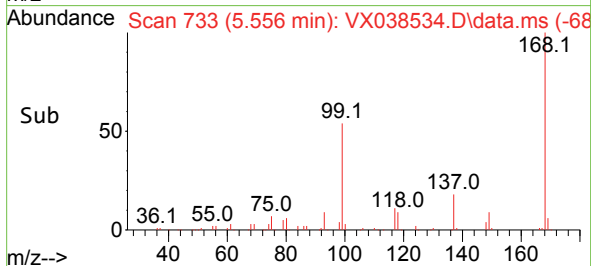


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038534.D
Acq: 26 Oct 2023 21:34

Instrument :
MSVOA_X
ClientSampleId :

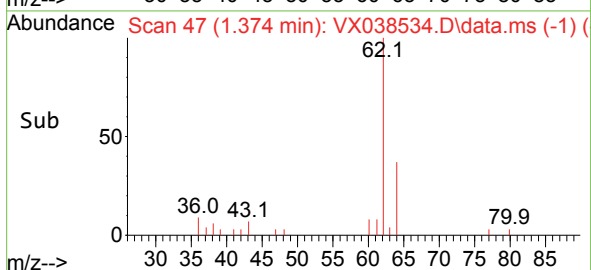
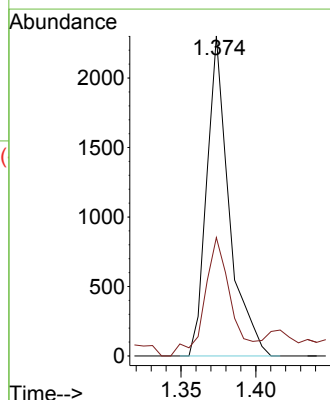
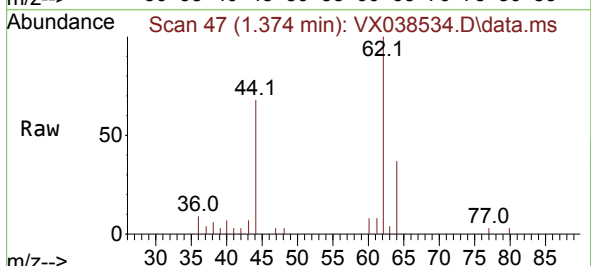


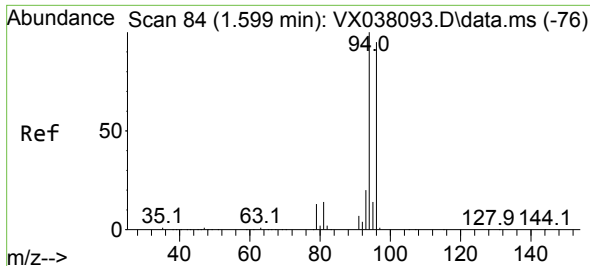
Tgt Ion:168 Resp: 192576
Ion Ratio Lower Upper
168 100
99 54.0 56.6 85.0#



#4
Vinyl Chloride
Concen: 1.139 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038534.D
Acq: 26 Oct 2023 21:34

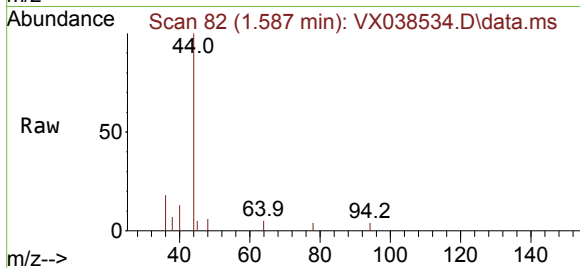
Tgt Ion: 62 Resp: 2392
Ion Ratio Lower Upper
62 100
64 33.2 25.4 38.0



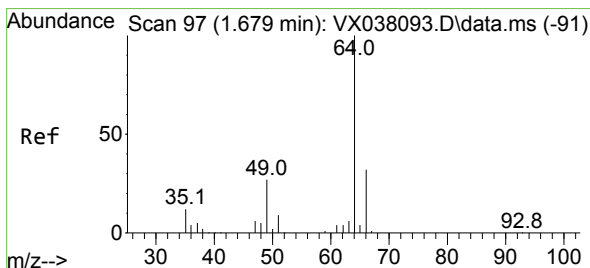
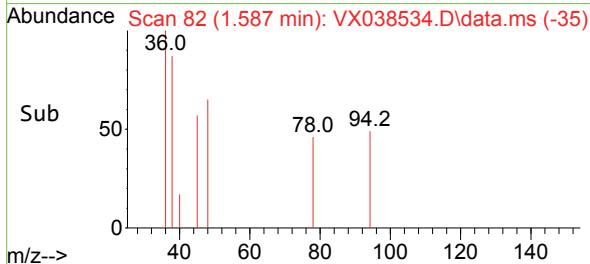
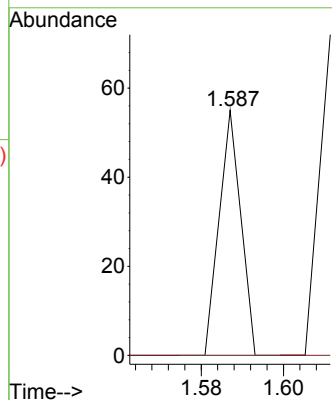


#5
Bromomethane
Concen: Below Cal
RT: 1.587 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX038534.D
Acq: 26 Oct 2023 21:34

Instrument : MSVOA_X
ClientSampleId :

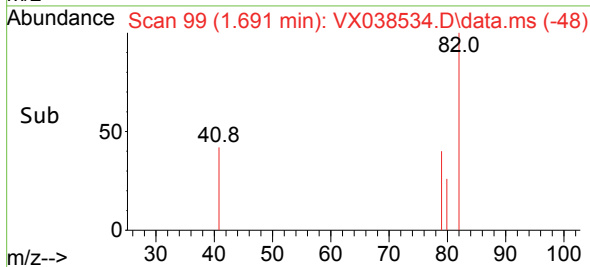
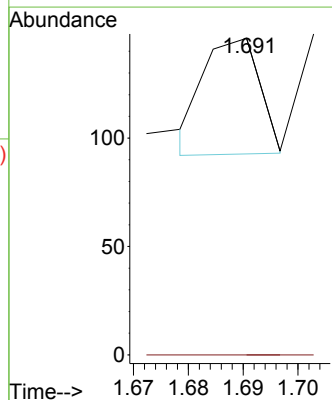
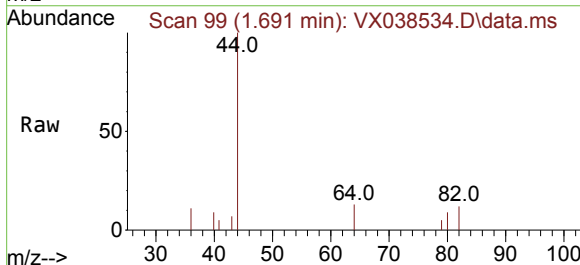


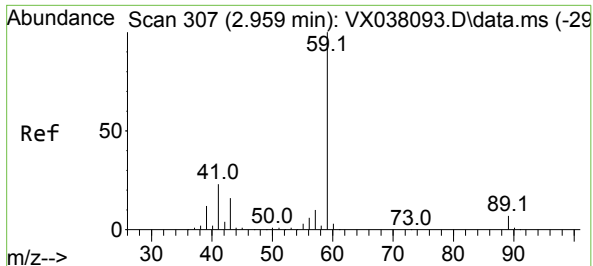
Tgt Ion: 94 Resp: 20
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX038534.D
Acq: 26 Oct 2023 21:34

Tgt Ion: 64 Resp: 38
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.946 min Scan# 307

Delta R.T. -0.013 min

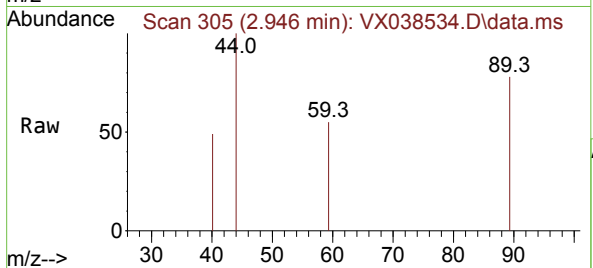
Lab File: VX038534.D

Acq: 26 Oct 2023 21:34

Instrument :

MSVOA_X

ClientSampleId :

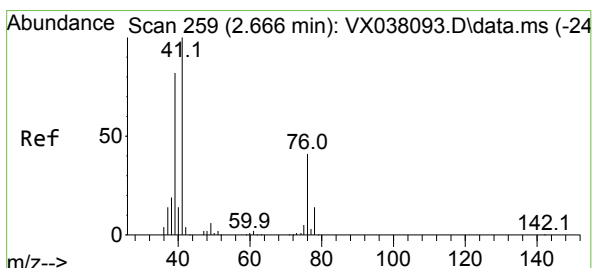
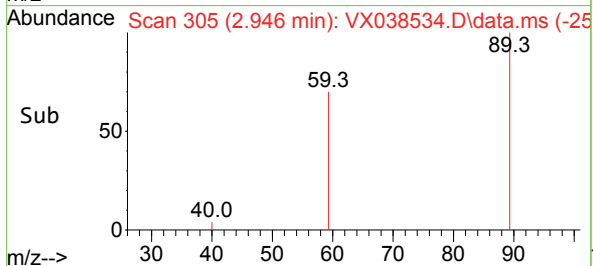
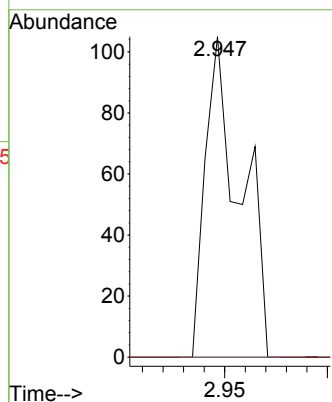


Tgt Ion: 59 Resp: 124

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#14

Allyl chloride

Concen: 0.268 ug/l

RT: 2.532 min Scan# 237

Delta R.T. -0.128 min

Lab File: VX038534.D

Acq: 26 Oct 2023 21:34

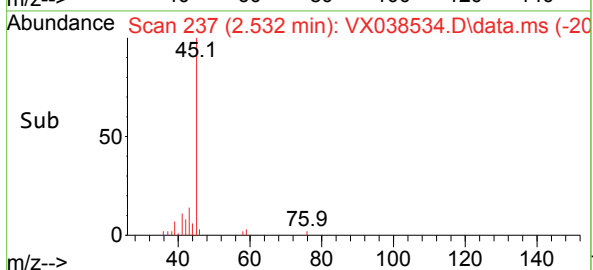
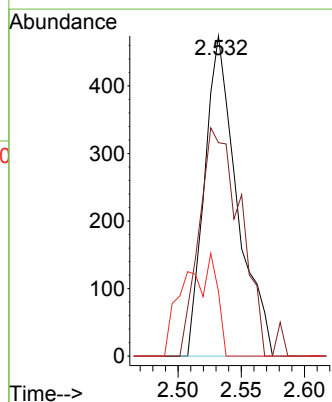
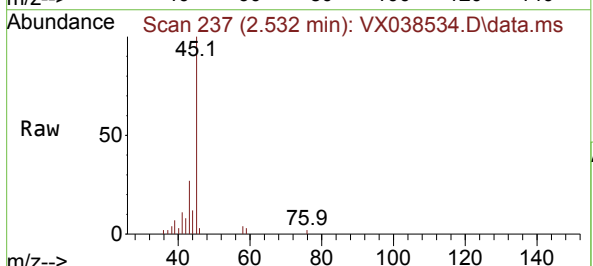
Tgt Ion: 41 Resp: 845

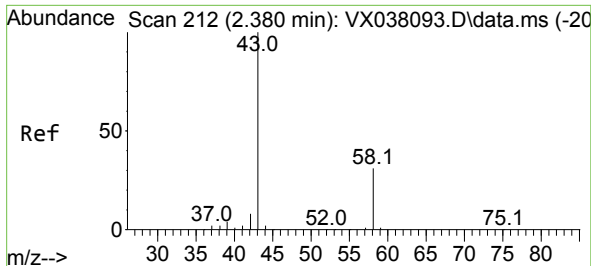
Ion Ratio Lower Upper

41 100

39 90.4 55.8 83.6#

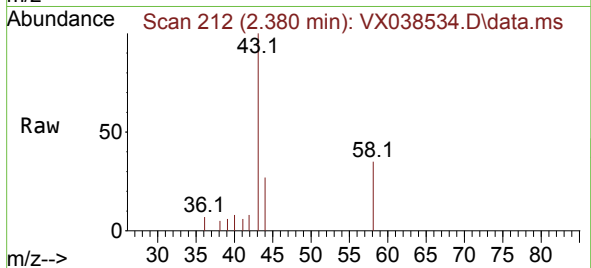
76 32.4 24.3 36.5



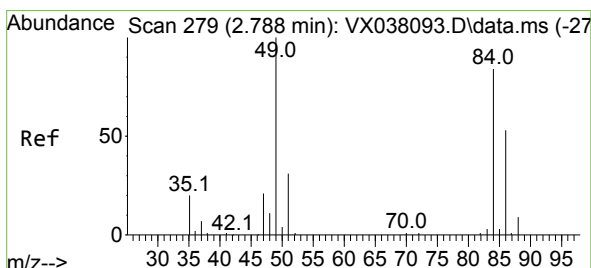
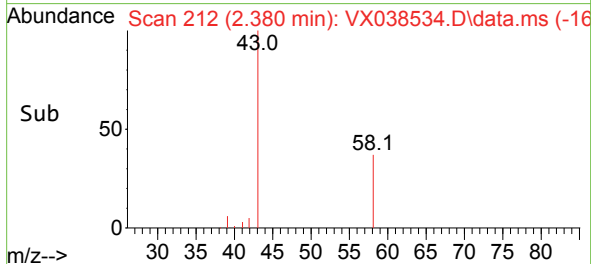
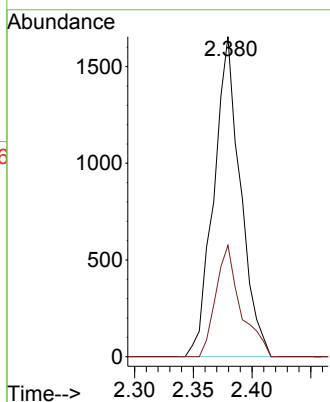


#16
Acetone
Concen: 2.023 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038534.D
Acq: 26 Oct 2023 21:34

Instrument :
MSVOA_X
ClientSampleId :

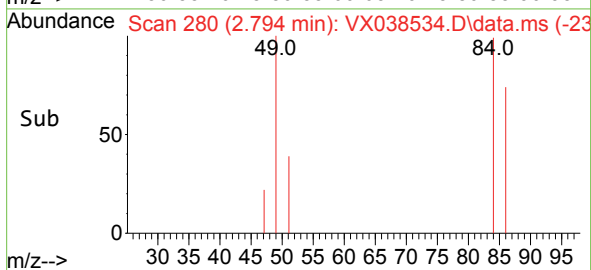
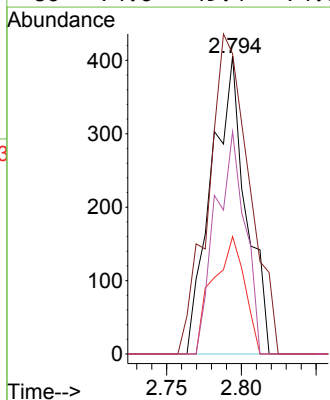
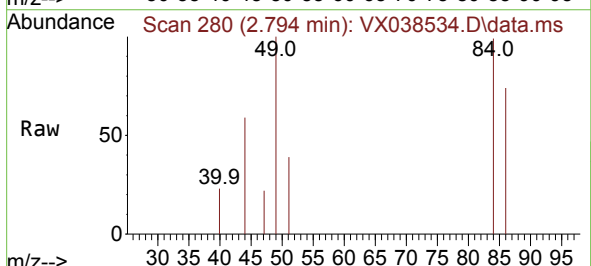


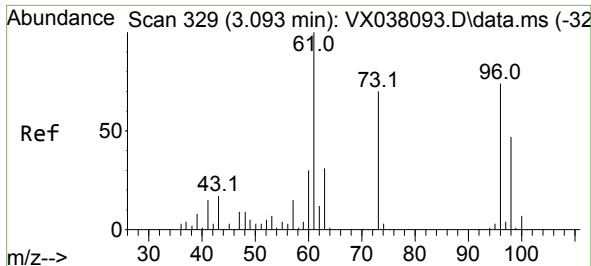
Tgt Ion: 43 Resp: 2615
Ion Ratio Lower Upper
43 100
58 34.8 21.9 32.9#



#20
Methylene Chloride
Concen: 0.267 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038534.D
Acq: 26 Oct 2023 21:34

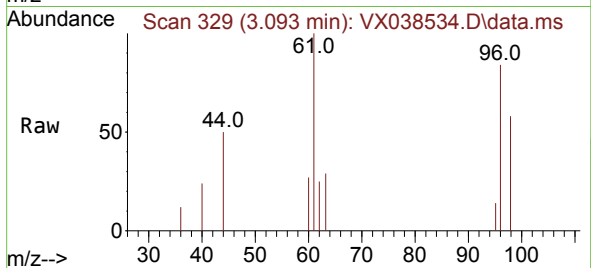
Tgt Ion: 84 Resp: 649
Ion Ratio Lower Upper
84 100
49 100.7 103.6 155.4#
51 39.4 33.8 50.6
86 74.6 49.4 74.0#



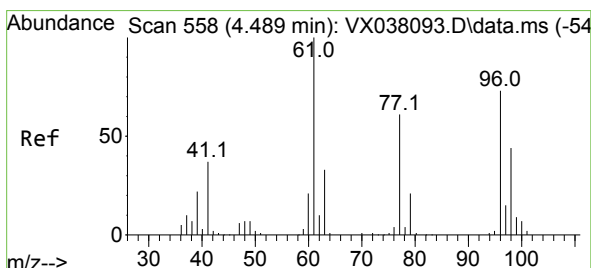
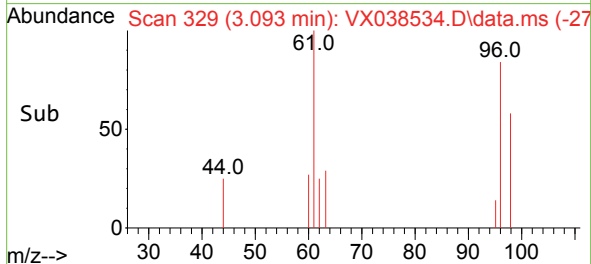
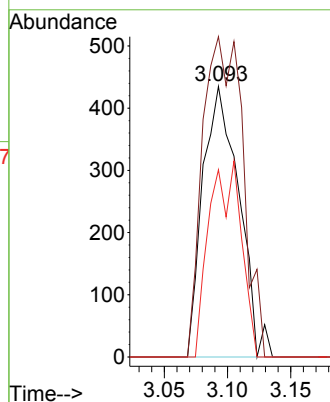


#21
trans-1,2-Dichloroethene
Concen: 0.395 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038534.D
Acq: 26 Oct 2023 21:34

Instrument :
MSVOA_X
ClientSampleId :

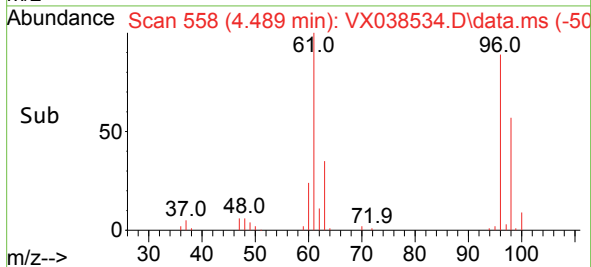
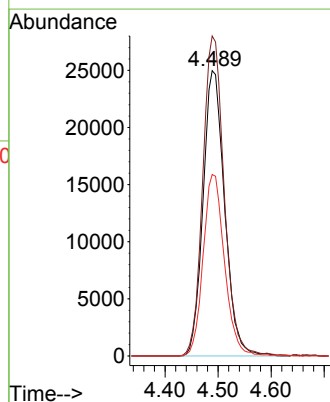
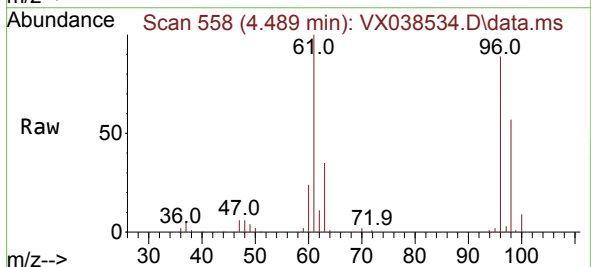


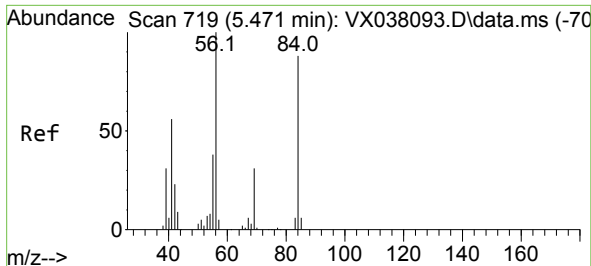
Tgt Ion: 96 Resp: 862
Ion Ratio Lower Upper
96 100
61 118.4 119.2 178.8#
98 69.2 48.7 73.1



#27
cis-1,2-Dichloroethene
Concen: 27.155 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX038534.D
Acq: 26 Oct 2023 21:34

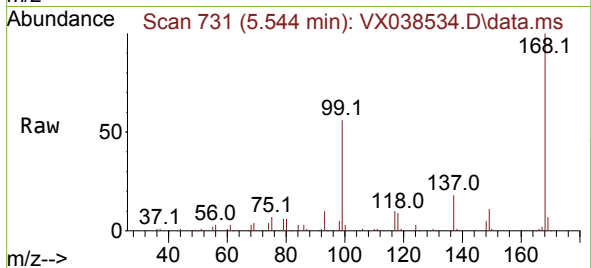
Tgt Ion: 96 Resp: 70552
Ion Ratio Lower Upper
96 100
61 111.6 0.0 312.2
98 62.9 0.0 129.0



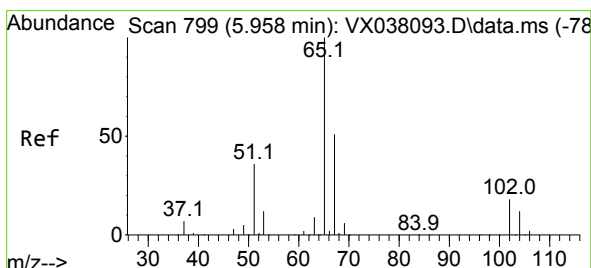
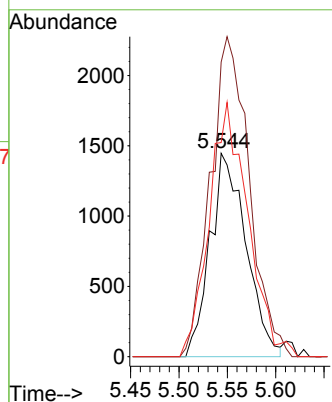
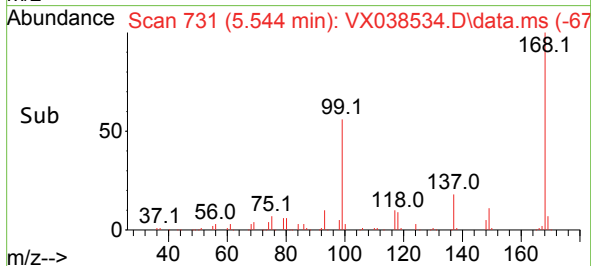


#31
Cyclohexane
Concen: 1.114 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX038534.D
Acq: 26 Oct 2023 21:34

Instrument :
MSVOA_X
ClientSampleId :

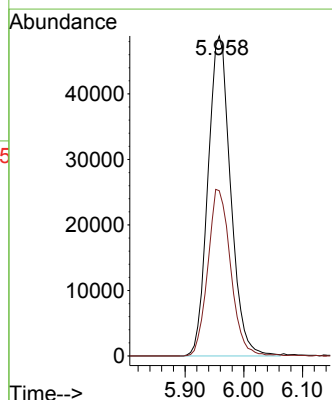
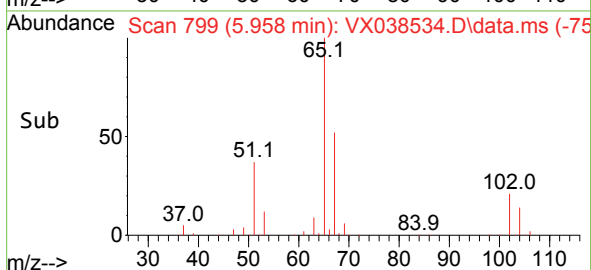
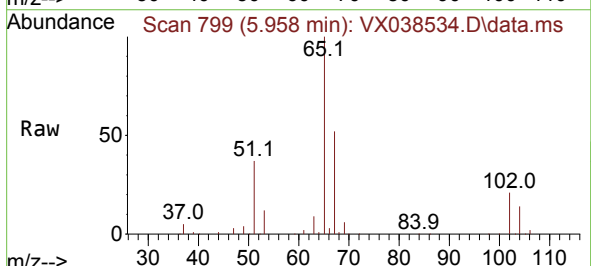


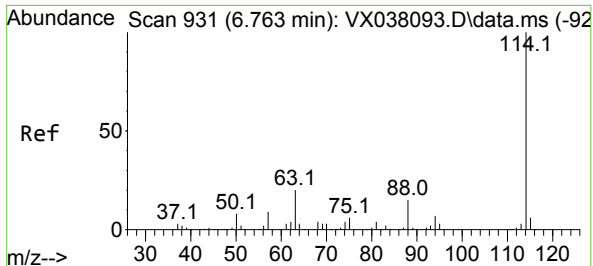
Tgt Ion: 56 Resp: 3740
Ion Ratio Lower Upper
56 100
69 144.8 23.4 35.2#
84 105.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 42.214 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038534.D
Acq: 26 Oct 2023 21:34

Tgt Ion: 65 Resp: 130757
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2

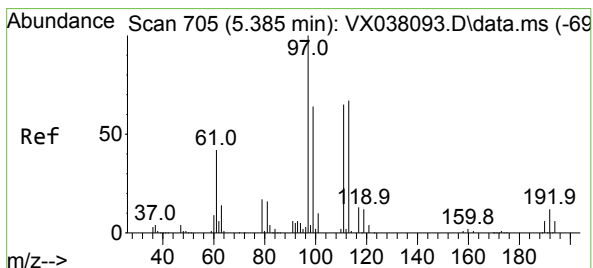
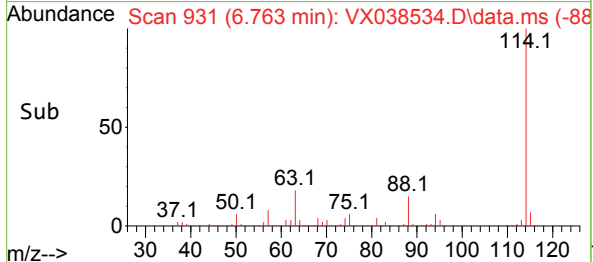
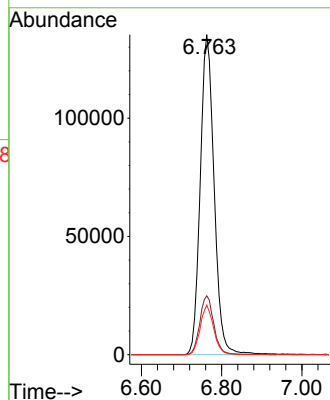
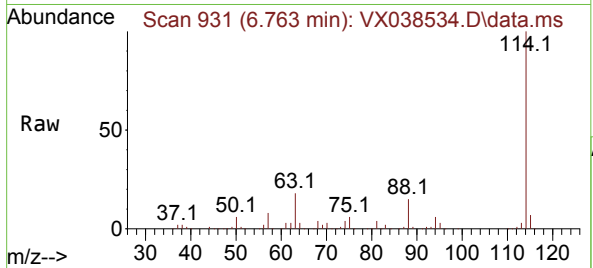




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038534.D
Acq: 26 Oct 2023 21:34

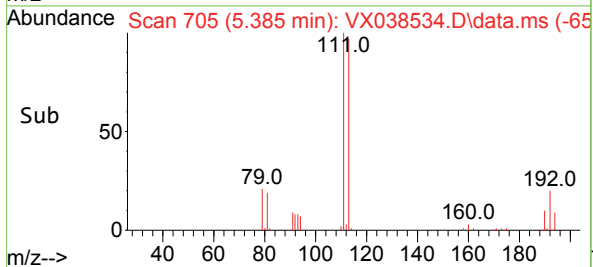
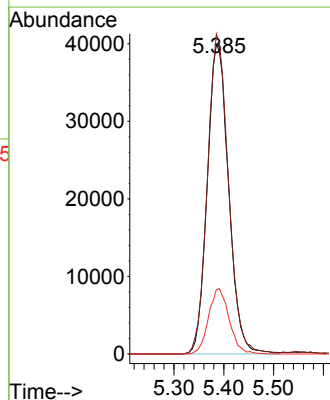
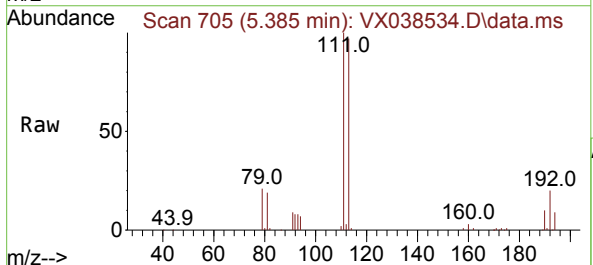
Instrument :
MSVOA_X
ClientSampleId :

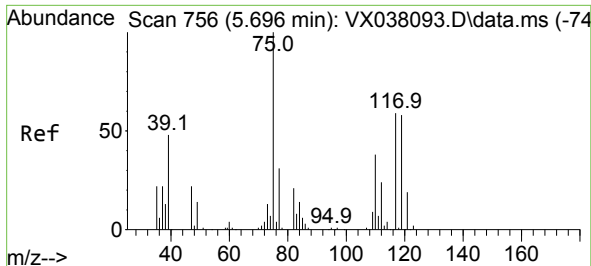
Tgt Ion:114 Resp: 325602
Ion Ratio Lower Upper
114 100
63 18.4 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.657 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038534.D
Acq: 26 Oct 2023 21:34

Tgt Ion:113 Resp: 118849
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 20.3 13.3 19.9#

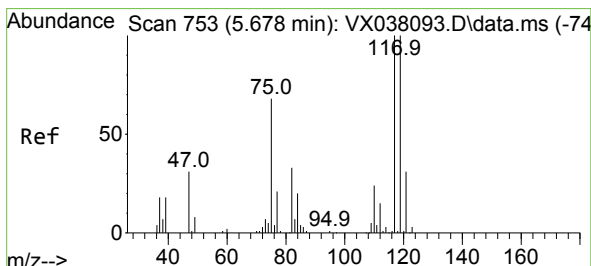
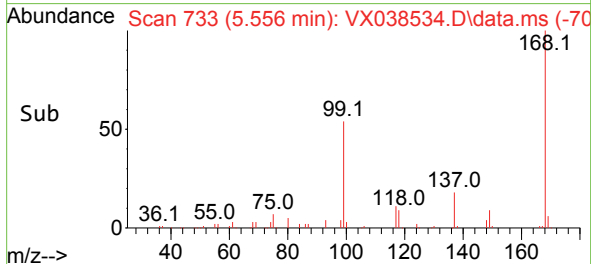
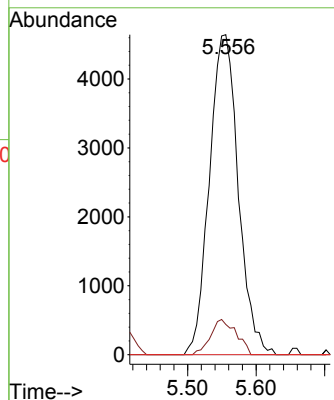
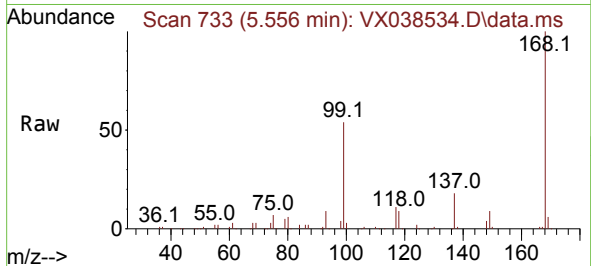




#36
1,1-Dichloropropene
Concen: 4.205 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX038534.D
Acq: 26 Oct 2023 21:34

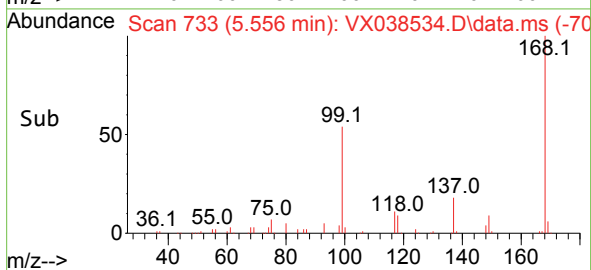
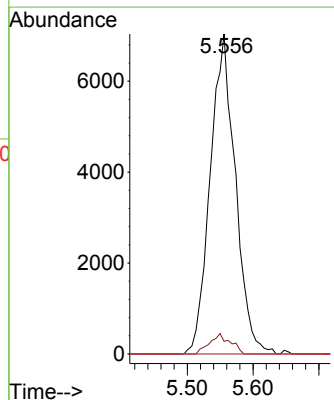
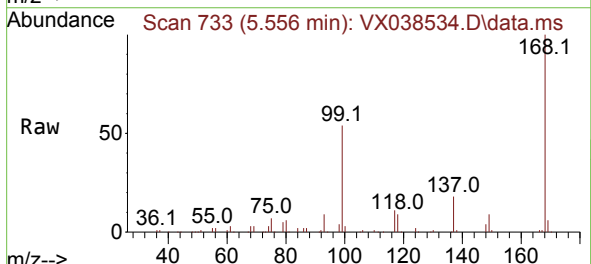
Instrument :
MSVOA_X
ClientSampleId :

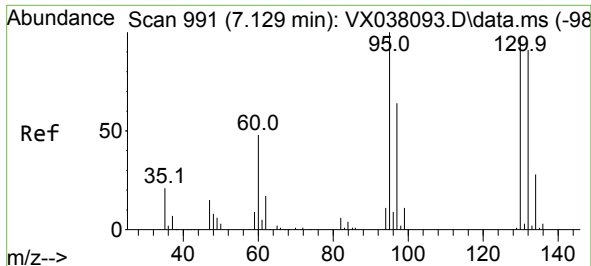
Tgt Ion: 75 Resp: 13606
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.893 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038534.D
Acq: 26 Oct 2023 21:34

Tgt Ion: 117 Resp: 18757
Ion Ratio Lower Upper
117 100
119 4.0 78.2 117.2#
121 0.0 24.4 36.6#

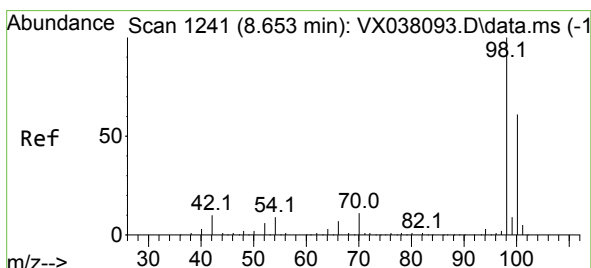
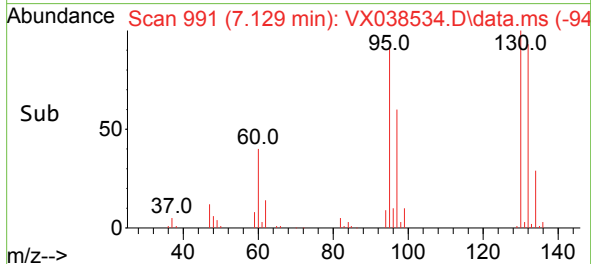
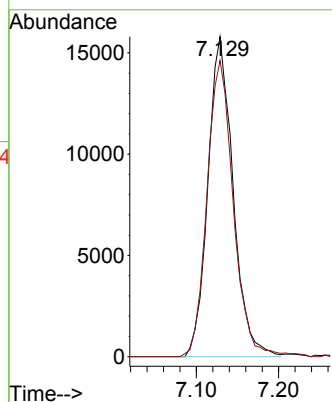
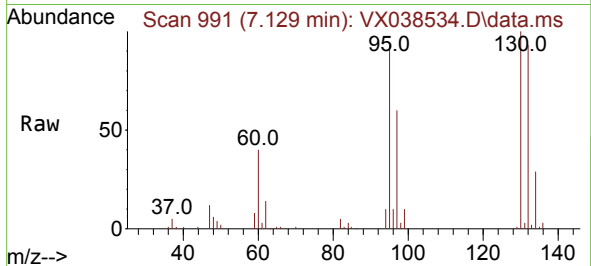




#44
Trichloroethene
Concen: 14.173 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038534.D
Acq: 26 Oct 2023 21:34

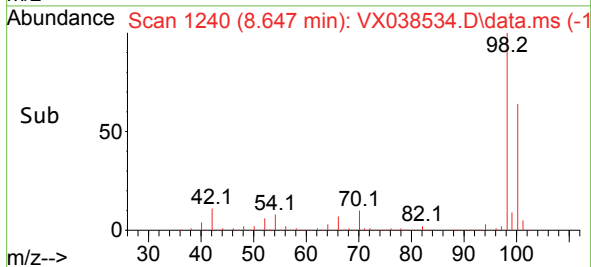
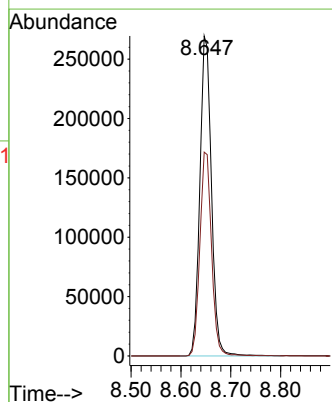
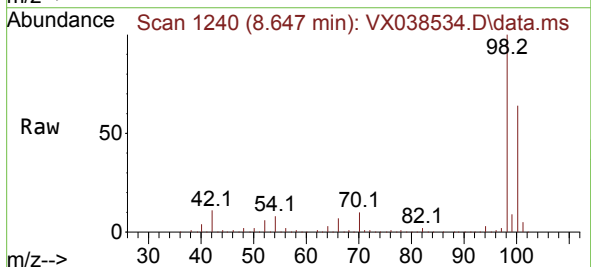
Instrument :
MSVOA_X
ClientSampleId :

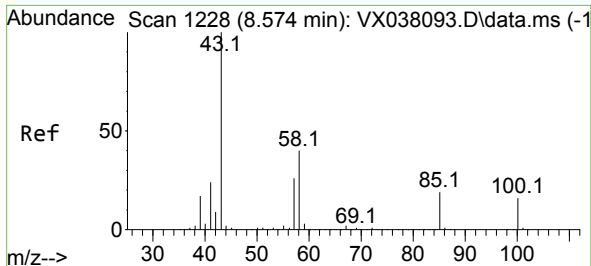
Tgt Ion:130 Resp: 33544
Ion Ratio Lower Upper
130 100
95 92.6 0.0 204.4



#50
Toluene-d8
Concen: 48.345 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038534.D
Acq: 26 Oct 2023 21:34

Tgt Ion: 98 Resp: 433427
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.457 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX038534.D

Acq: 26 Oct 2023 21:34

Instrument :

MSVOA_X

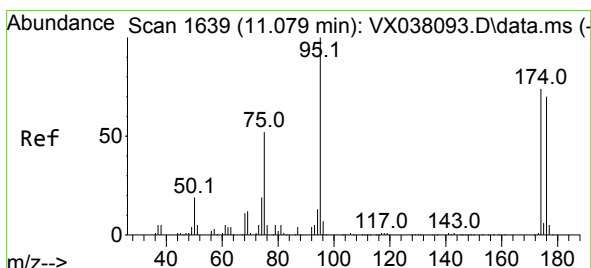
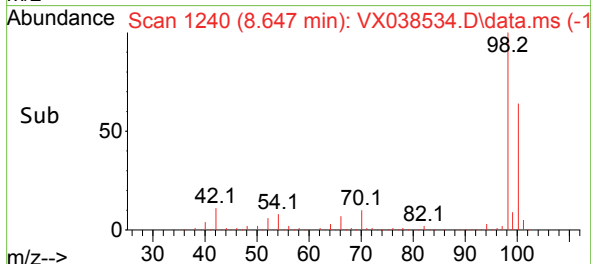
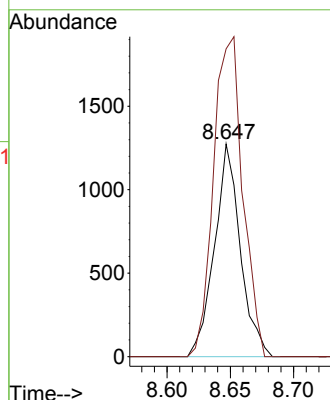
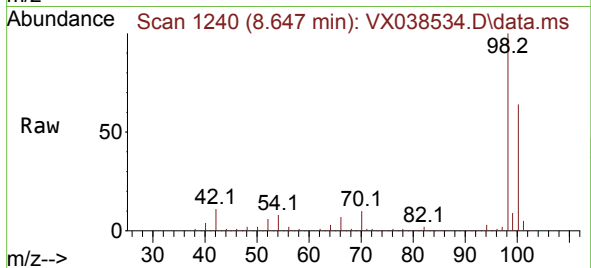
ClientSampleId :

Tgt Ion: 43 Resp: 1809

Ion Ratio Lower Upper

43 100

58 170.4 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 50.499 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038534.D

Acq: 26 Oct 2023 21:34

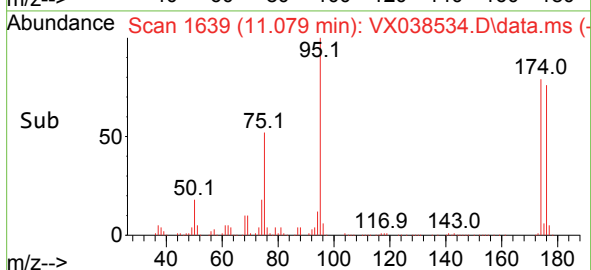
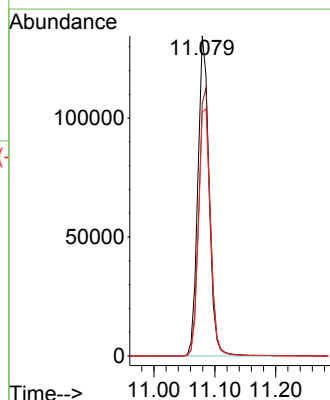
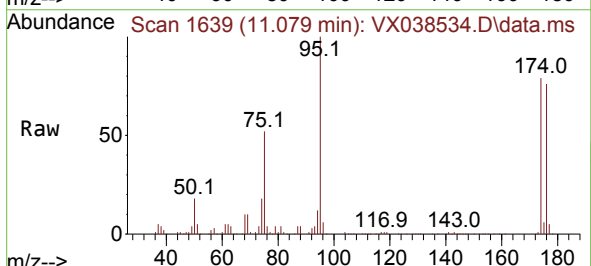
Tgt Ion: 95 Resp: 171639

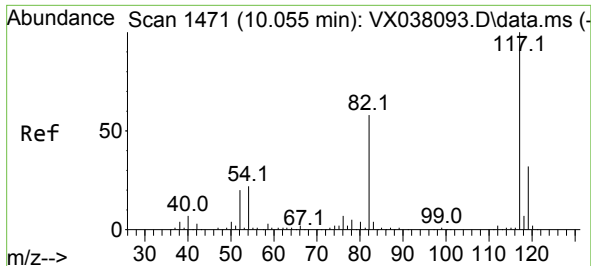
Ion Ratio Lower Upper

95 100

174 86.9 0.0 135.6

176 82.3 0.0 131.0

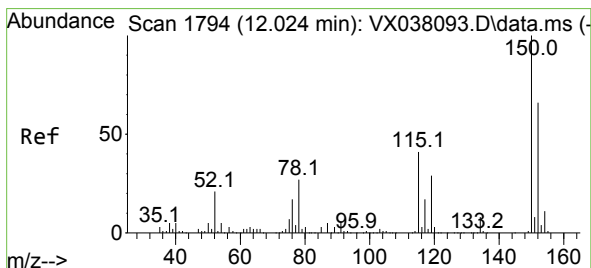
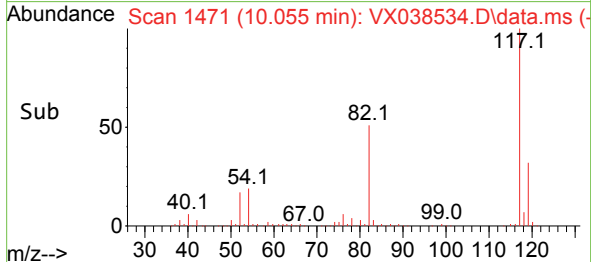
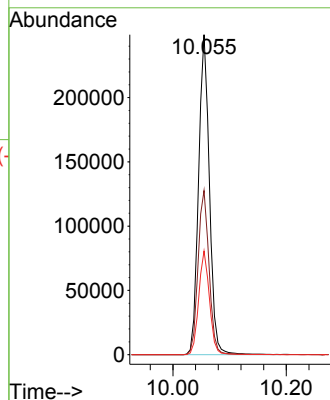
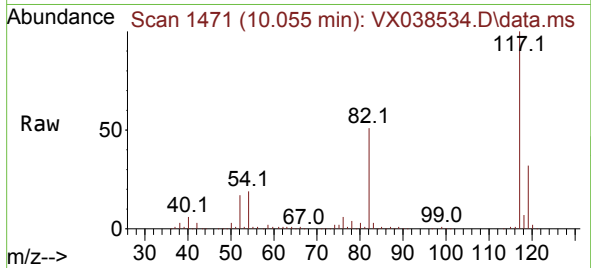




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038534.D
Acq: 26 Oct 2023 21:34

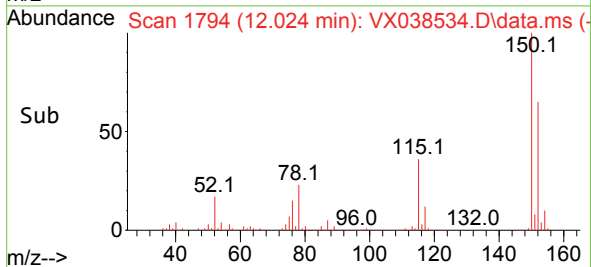
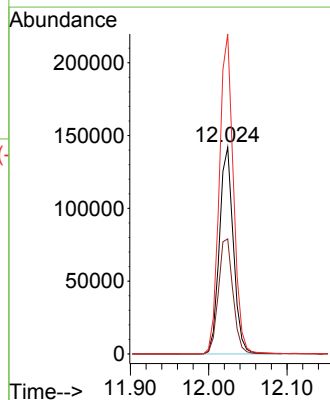
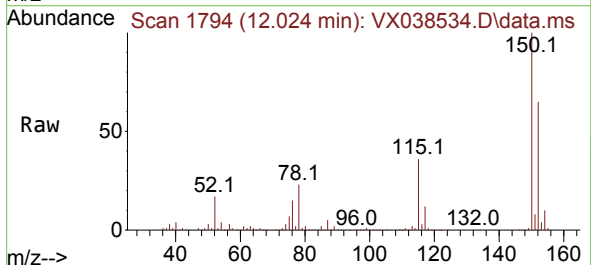
Instrument :
MSVOA_X
ClientSampleId :

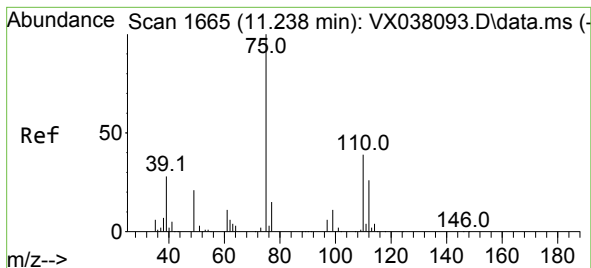
Tgt Ion:117 Resp: 330607
Ion Ratio Lower Upper
117 100
82 51.3 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038534.D
Acq: 26 Oct 2023 21:34

Tgt Ion:152 Resp: 176747
Ion Ratio Lower Upper
152 100
115 58.4 43.3 129.9
150 156.2 0.0 345.0

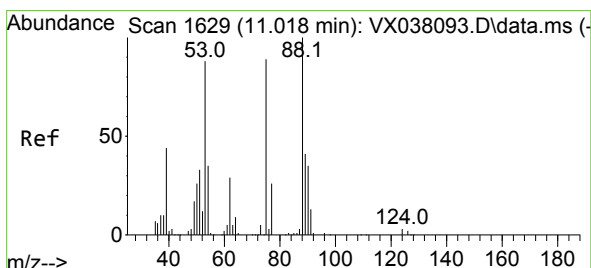
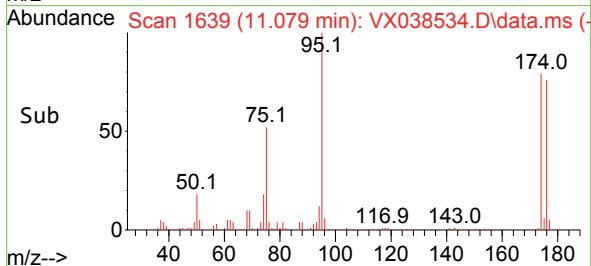
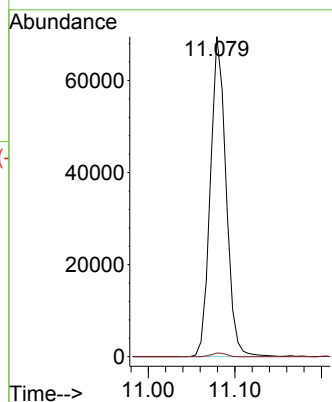
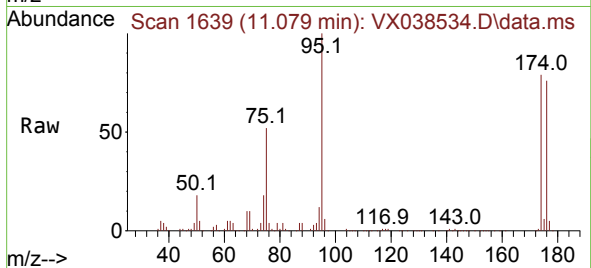




#76
1,2,3-Trichloropropane
Concen: 21.821 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038534.D
Acq: 26 Oct 2023 21:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 87678
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.609 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038534.D
Acq: 26 Oct 2023 21:34

Tgt Ion: 75 Resp: 87678
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

