

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
 Data File : VX038511.D
 Acq On : 26 Oct 2023 10:12
 Operator : JC/MD
 Sample : 05065-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 26 13:39:06 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)

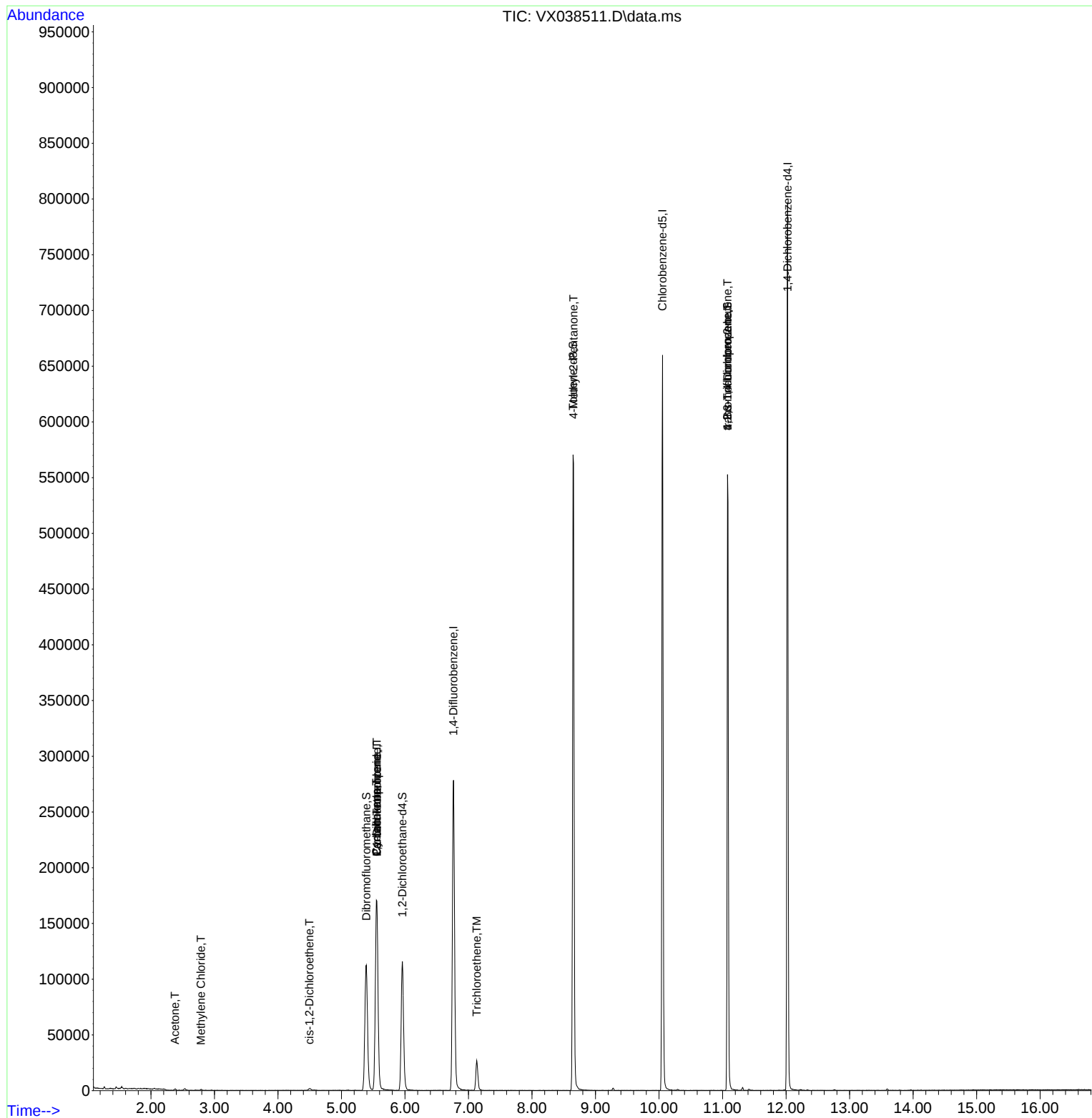
Internal Standards						
1) Pentafluorobenzene	5.556	168	174985	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	298638	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	307105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	110124	39.127	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	78.260%
35) Dibromofluoromethane	5.391	113	98902	45.961	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.920%
50) Toluene-d8	8.647	98	361255	43.933	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.860%#
62) 4-Bromofluorobenzene	11.079	95	143787	46.125	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.240%
Target Compounds						
						Qvalue
5) Bromomethane	1.727	94	50	Below Cal	#	3
6) Chloroethane	1.685	64	103	Below Cal	#	43
11) Tert butyl alcohol	2.965	59	63	Below Cal	#	78
16) Acetone	2.380	43	1488	1.267	ug/l	92
20) Methylene Chloride	2.788	84	457	0.207	ug/l	# 71
27) cis-1,2-Dichloroethene	4.495	96	1214	0.514	ug/l	78
31) Cyclohexane	5.550	56	3347	1.098	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	12640	4.260	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	16664	5.709	ug/l	# 15
44) Trichloroethene	7.129	130	11206	5.162	ug/l	88
51) 4-Methyl-2-Pentanone	8.653	43	1485	0.409	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	74502	19.090	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	74502	55.277	ug/l	# 5

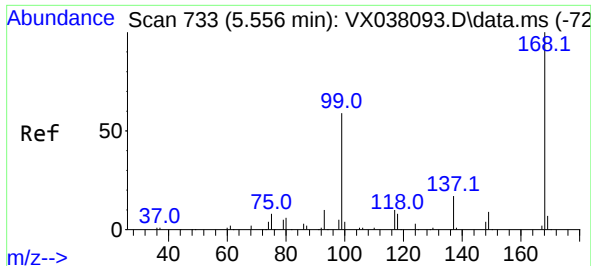
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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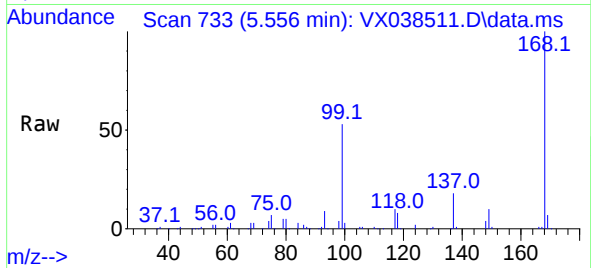
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



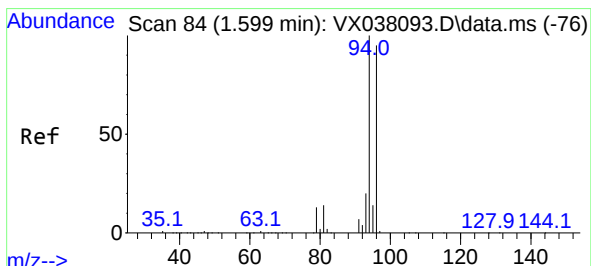
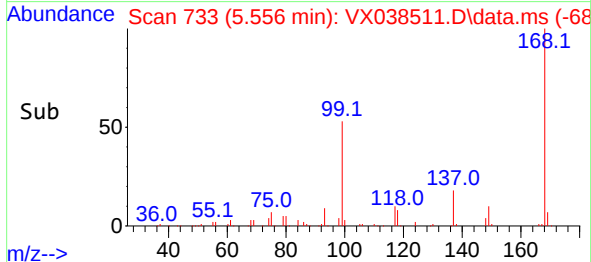
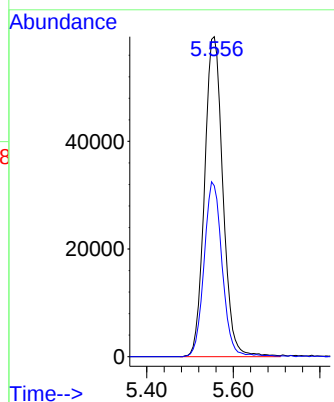


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038511.D
Acq: 26 Oct 2023 10:12

Instrument :
MSVOA_X
ClientSampleId :

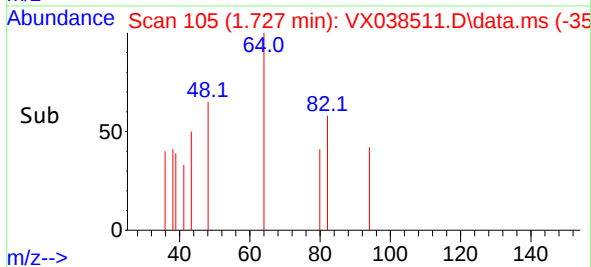
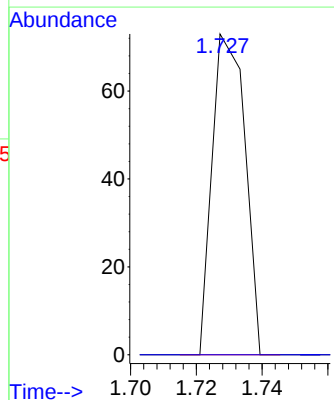
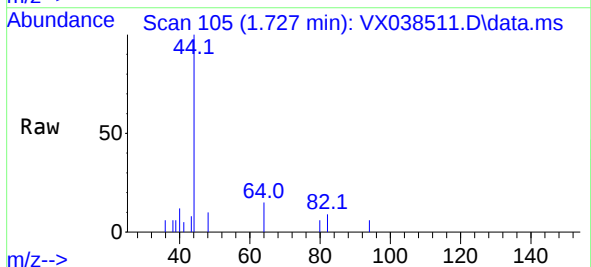


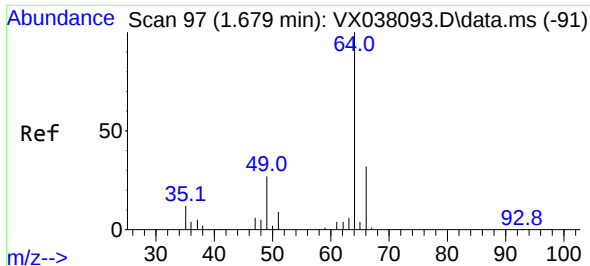
Tgt Ion:168 Resp: 174985
Ion Ratio Lower Upper
168 100
99 53.4 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.727 min Scan# 105
Delta R.T. 0.128 min
Lab File: VX038511.D
Acq: 26 Oct 2023 10:12

Tgt Ion: 94 Resp: 50
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

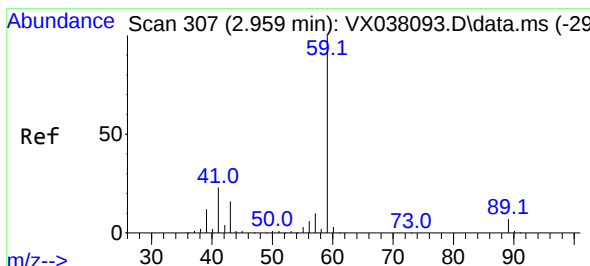
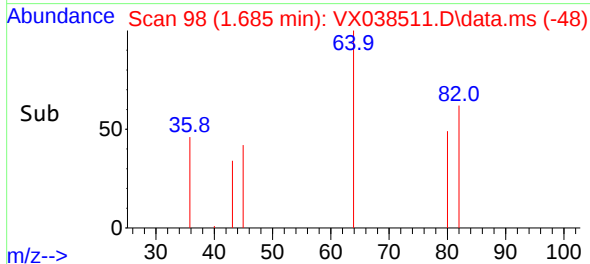
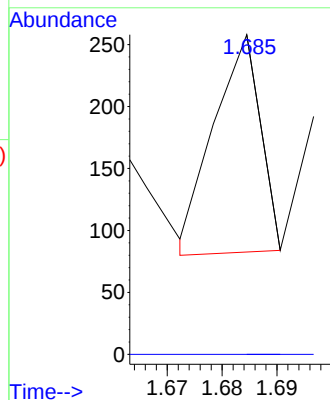
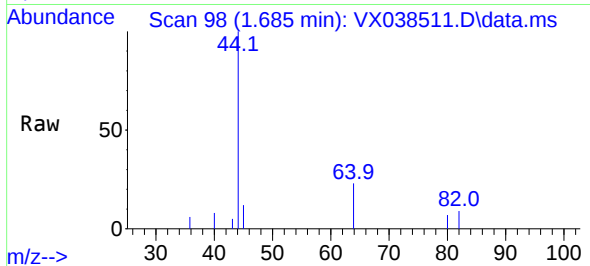




#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX038511.D
Acq: 26 Oct 2023 10:12

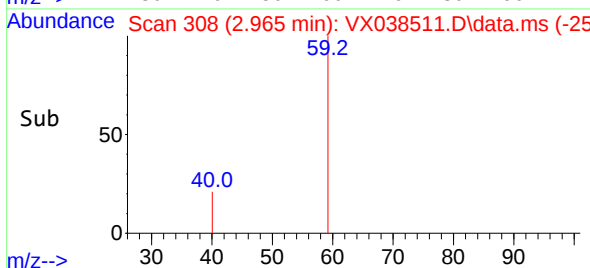
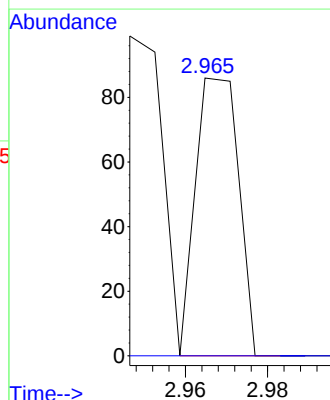
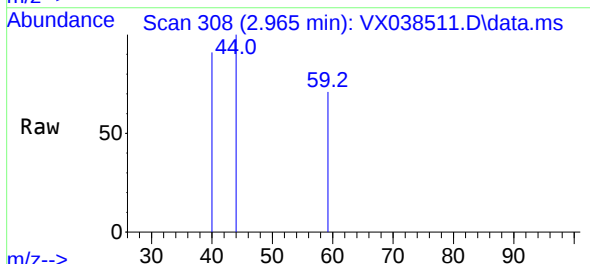
Instrument :
MSVOA_X
ClientSampleId :

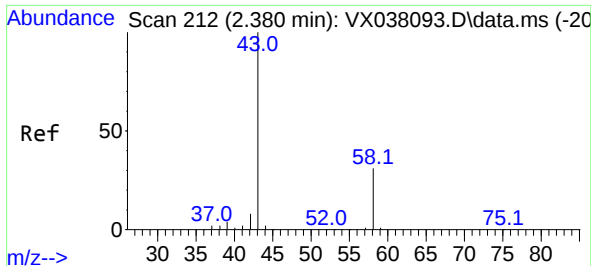
Tgt Ion: 64 Resp: 103
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.965 min Scan# 308
Delta R.T. 0.006 min
Lab File: VX038511.D
Acq: 26 Oct 2023 10:12

Tgt Ion: 59 Resp: 63
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

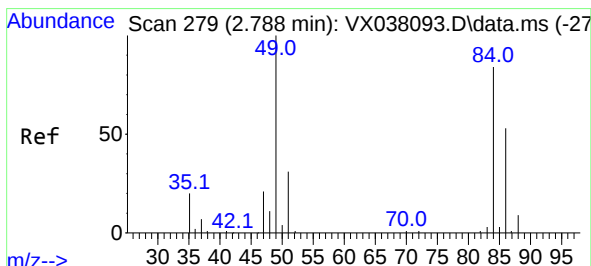
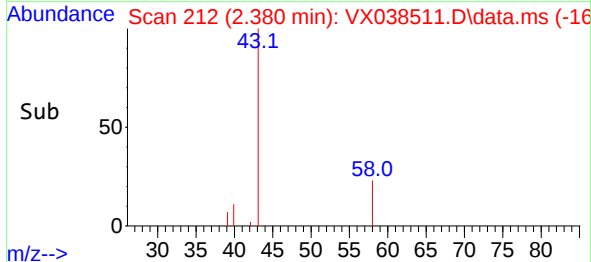
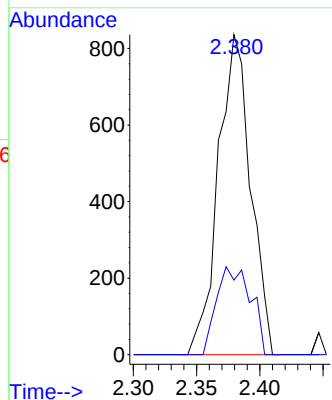
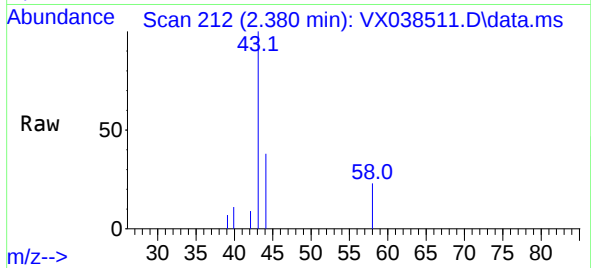




#16
Acetone
Concen: 1.267 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038511.D
Acq: 26 Oct 2023 10:12

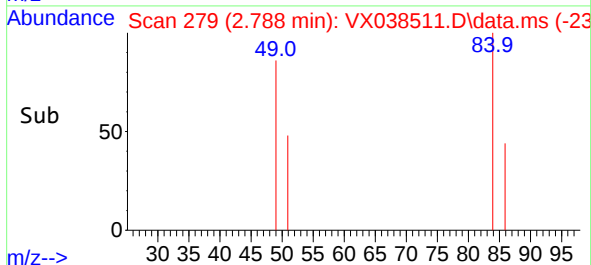
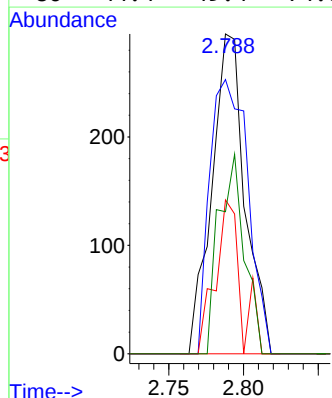
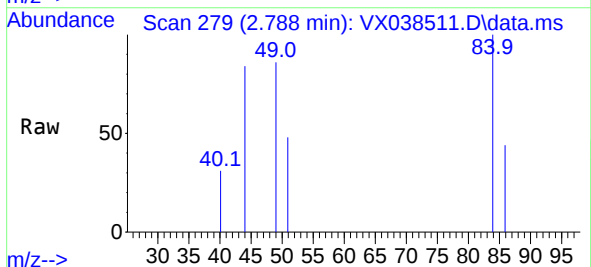
Instrument :
MSVOA_X
ClientSampleId :

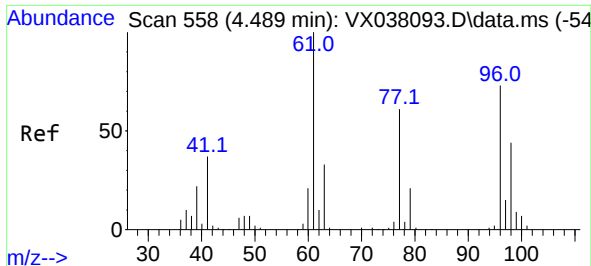
Tgt Ion: 43 Resp: 1488
Ion Ratio Lower Upper
43 100
58 23.3 21.9 32.9



#20
Methylene Chloride
Concen: 0.207 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038511.D
Acq: 26 Oct 2023 10:12

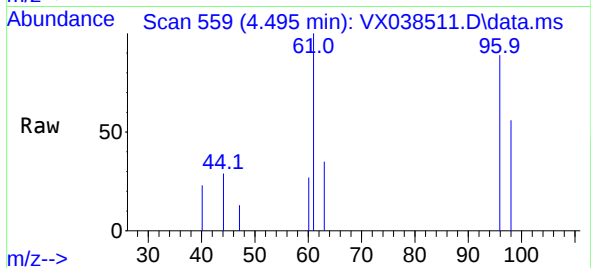
Tgt Ion: 84 Resp: 457
Ion Ratio Lower Upper
84 100
49 85.8 103.6 155.4#
51 48.1 33.8 50.6
86 44.4 49.4 74.0#



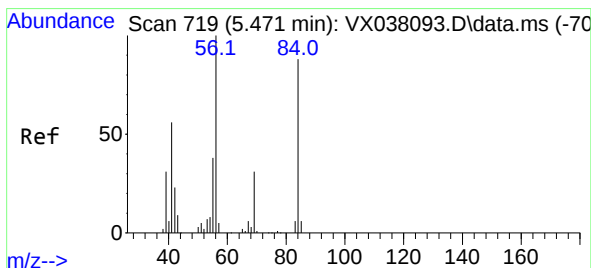
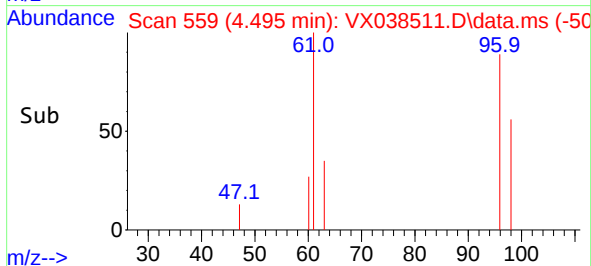
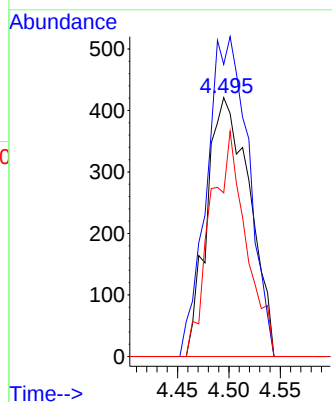


#27
cis-1,2-Dichloroethene
Concen: 0.514 ug/l
RT: 4.495 min Scan# 511
Delta R.T. 0.006 min
Lab File: VX038511.D
Acq: 26 Oct 2023 10:12

Instrument :
MSVOA_X
ClientSampleId :

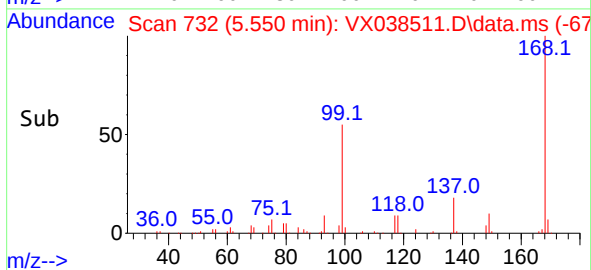
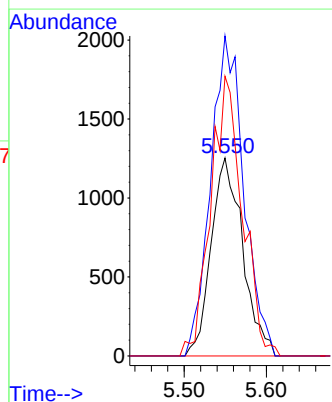
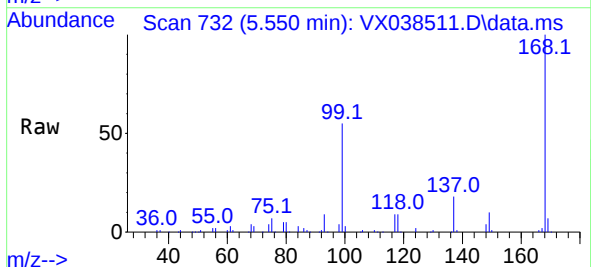


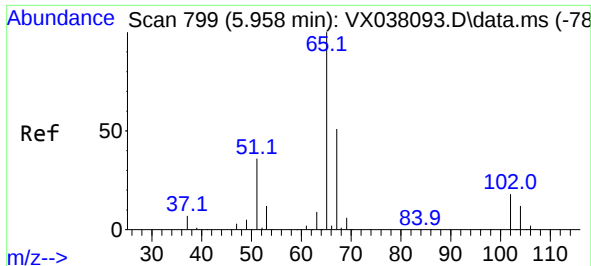
Tgt Ion: 96 Resp: 1214
Ion Ratio Lower Upper
96 100
61 121.4 0.0 312.2
98 72.7 0.0 129.0



#31
Cyclohexane
Concen: 1.098 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX038511.D
Acq: 26 Oct 2023 10:12

Tgt Ion: 56 Resp: 3347
Ion Ratio Lower Upper
56 100
69 161.7 23.4 35.2#
84 141.3 65.9 98.9#

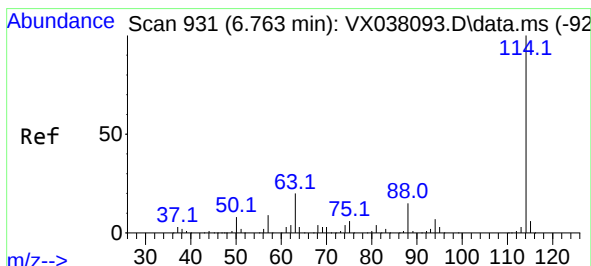
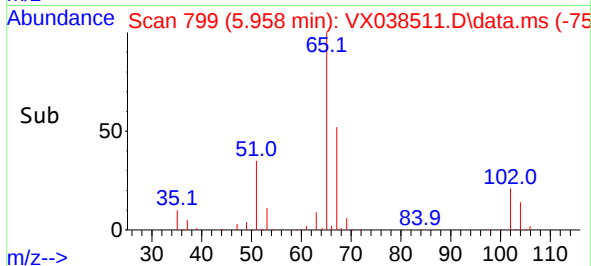
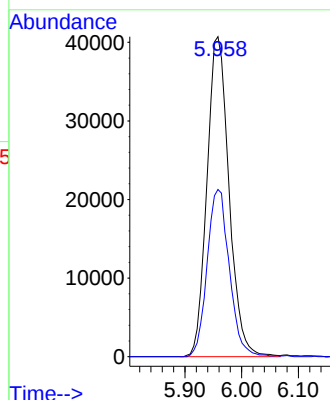
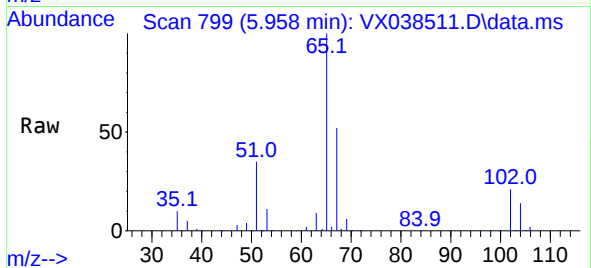




#33
 1,2-Dichloroethane-d4
 Concen: 39.127 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038511.D
 Acq: 26 Oct 2023 10:12

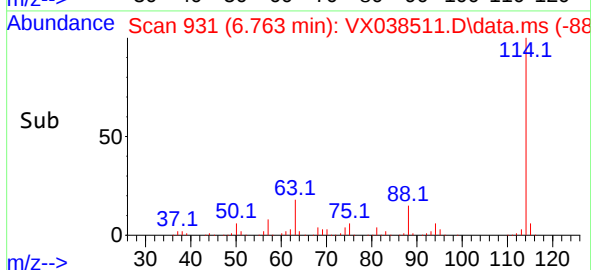
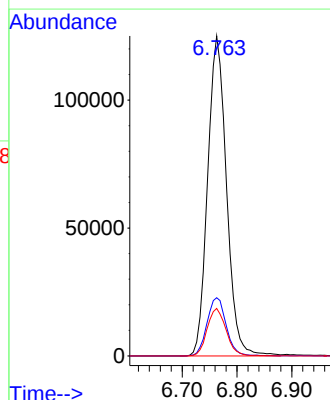
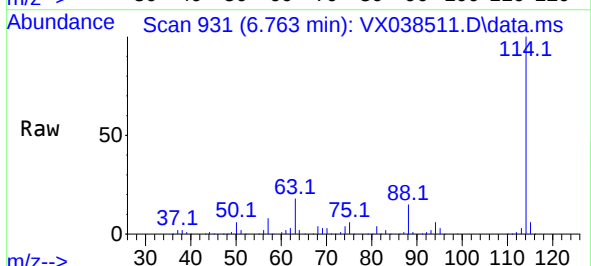
Instrument :
 MSVOA_X
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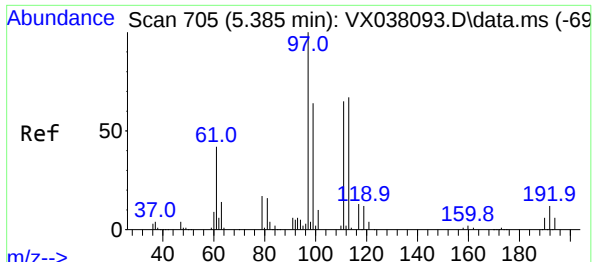
Tgt Ion: 65 Resp: 110124
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038511.D
 Acq: 26 Oct 2023 10:12

Tgt Ion: 114 Resp: 298638
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 45.0
 88 14.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.961 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

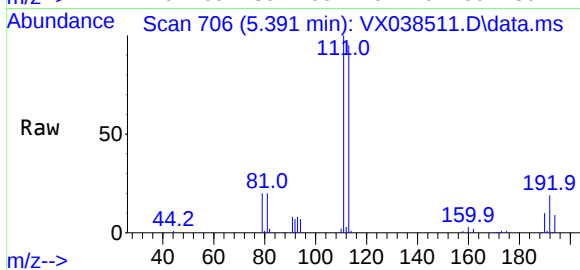
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Acq: 26 Oct 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :



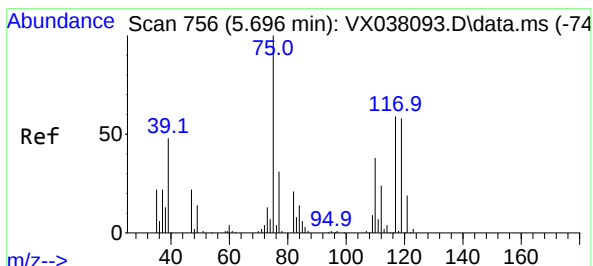
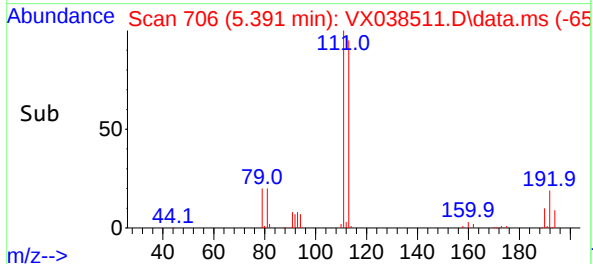
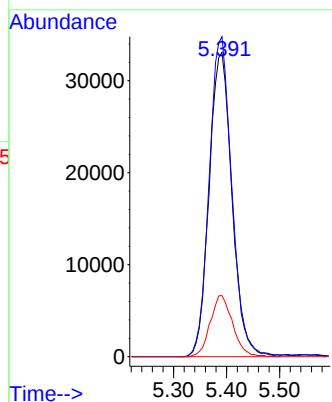
Tgt Ion:113 Resp: 98902

Ion Ratio Lower Upper

113 100

111 103.9 82.9 124.3

192 19.8 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.260 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX038511.D

Acq: 26 Oct 2023 10:12

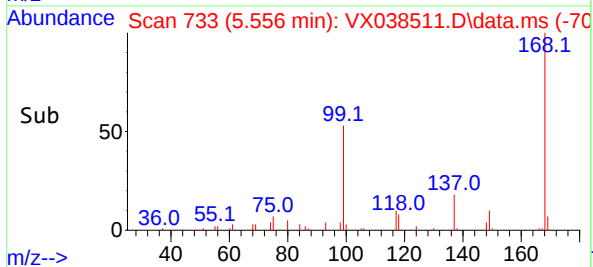
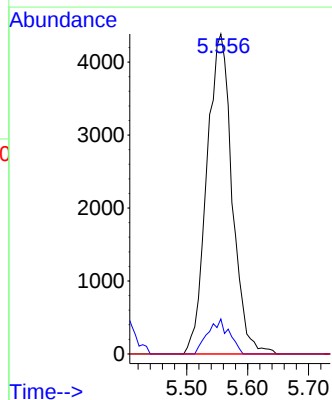
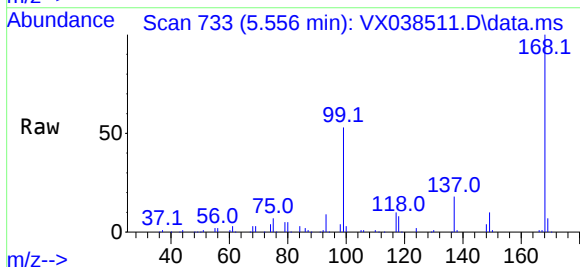
Tgt Ion: 75 Resp: 12640

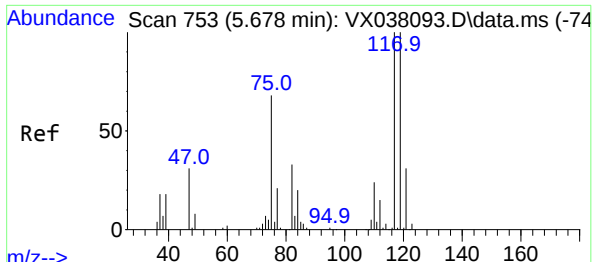
Ion Ratio Lower Upper

75 100

110 9.2 17.0 50.9#

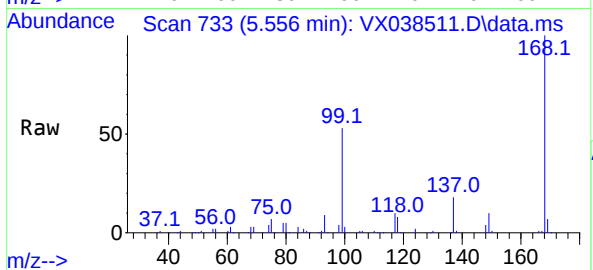
77 0.0 24.7 37.1#



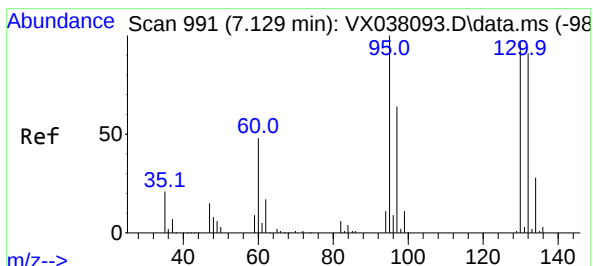
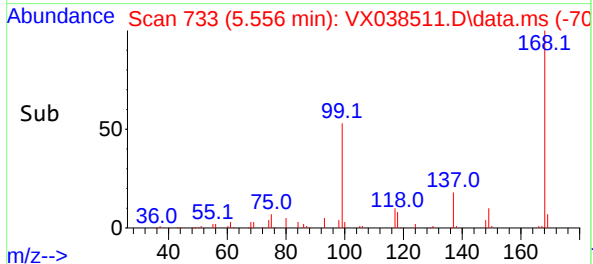
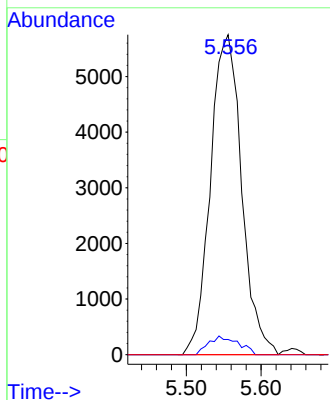


#38
Carbon Tetrachloride
Concen: 5.709 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX038511.D
Acq: 26 Oct 2023 10:12

Instrument :
MSVOA_X
ClientSampleId :

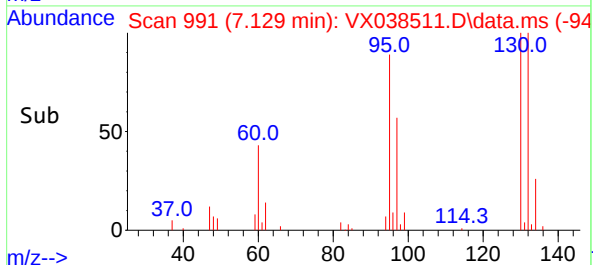
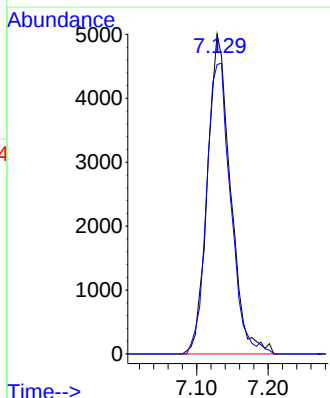
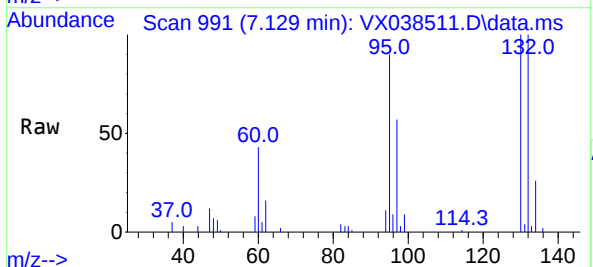


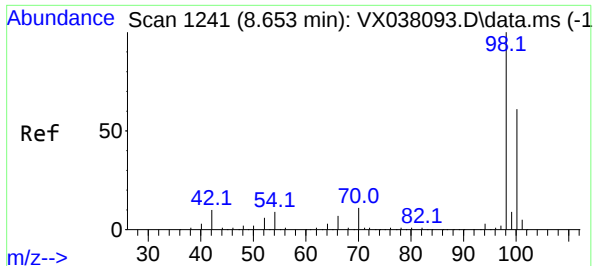
Tgt Ion:117 Resp: 16664
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 5.162 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038511.D
Acq: 26 Oct 2023 10:12

Tgt Ion:130 Resp: 11206
Ion Ratio Lower Upper
130 100
95 90.5 0.0 204.4





#50

Toluene-d8

Concen: 43.933 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038511.D

Acq: 26 Oct 2023 10:12

Instrument :

MSVOA_X

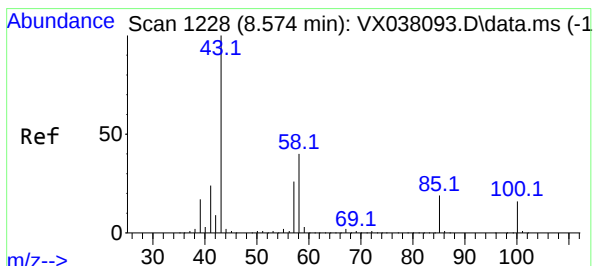
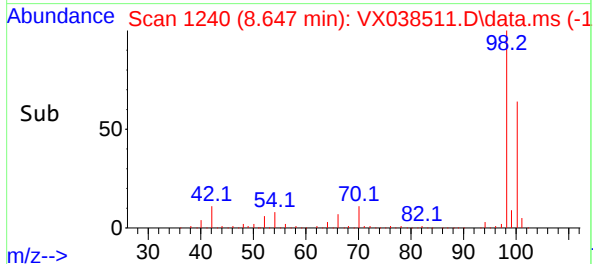
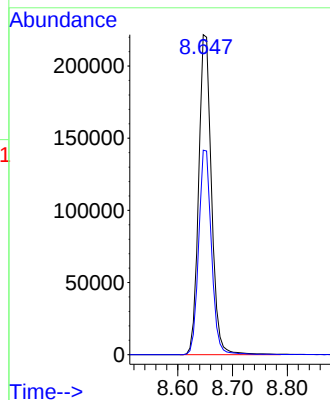
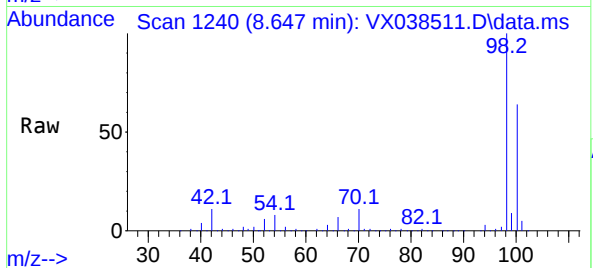
ClientSampleId :

Tgt Ion: 98 Resp: 361255

Ion Ratio Lower Upper

98 100

100 64.0 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.409 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX038511.D

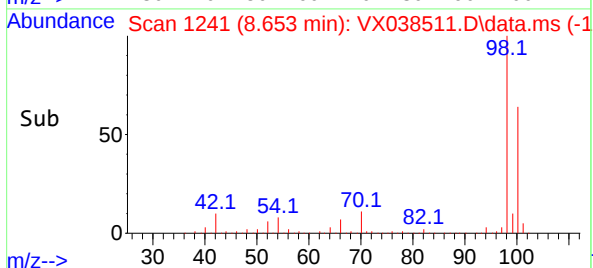
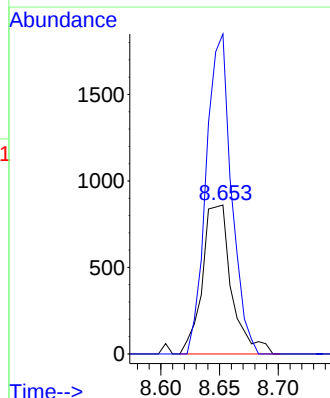
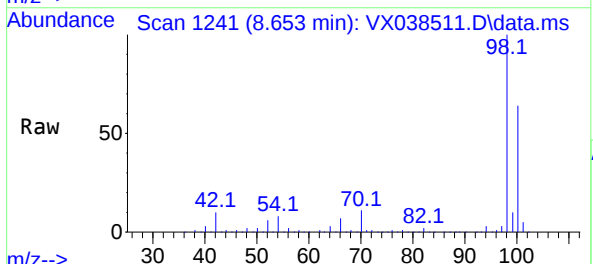
Acq: 26 Oct 2023 10:12

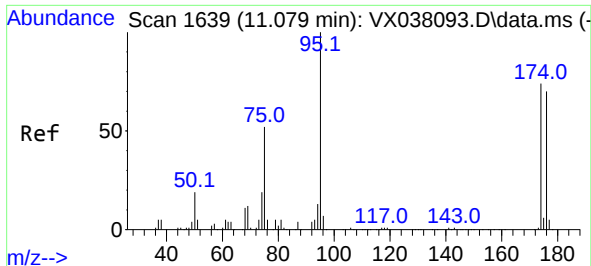
Tgt Ion: 43 Resp: 1485

Ion Ratio Lower Upper

43 100

58 186.1 30.4 45.6#

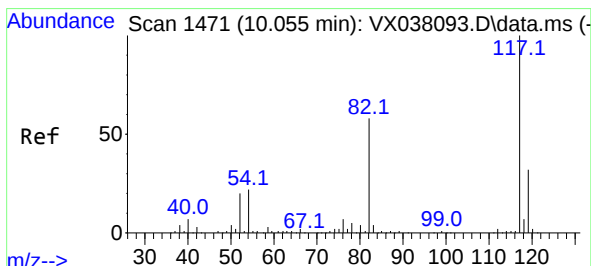
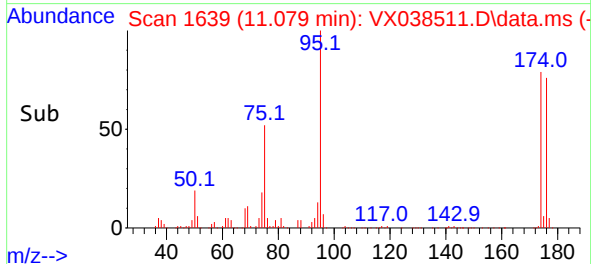
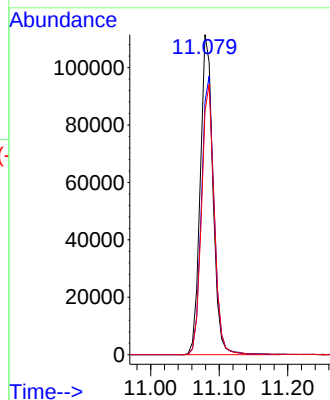
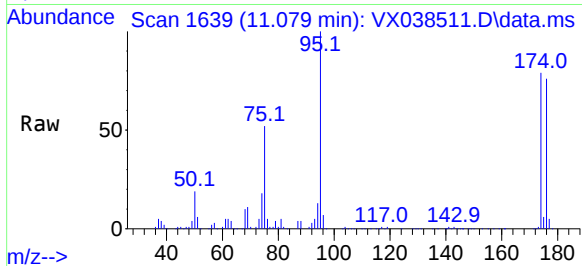




#62
4-Bromofluorobenzene
Concen: 46.125 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038511.D
Acq: 26 Oct 2023 10:12

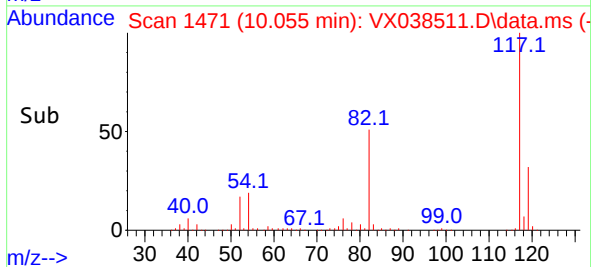
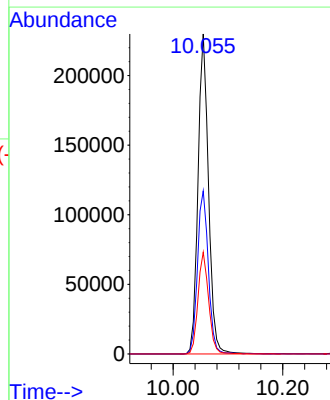
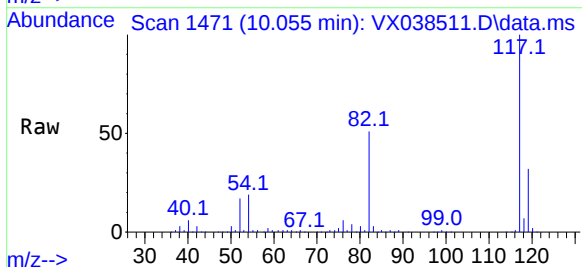
Instrument :
MSVOA_X
ClientSampleId :

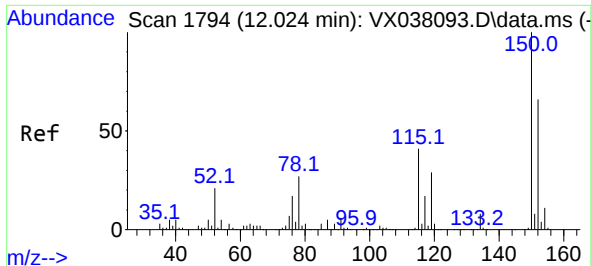
Tgt Ion: 95 Resp: 143787
Ion Ratio Lower Upper
95 100
174 87.3 0.0 135.6
176 84.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038511.D
Acq: 26 Oct 2023 10:12

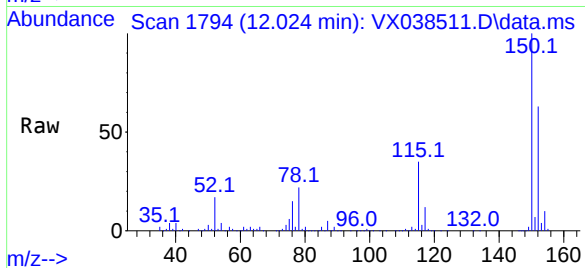
Tgt Ion: 117 Resp: 307105
Ion Ratio Lower Upper
117 100
82 51.0 46.2 69.4
119 31.8 25.5 38.3



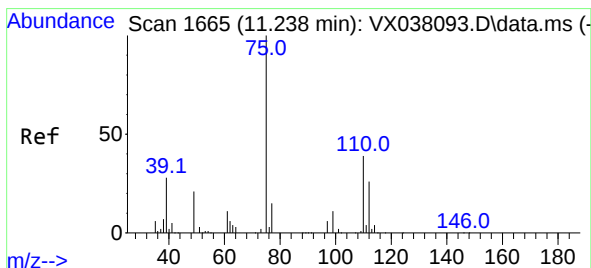
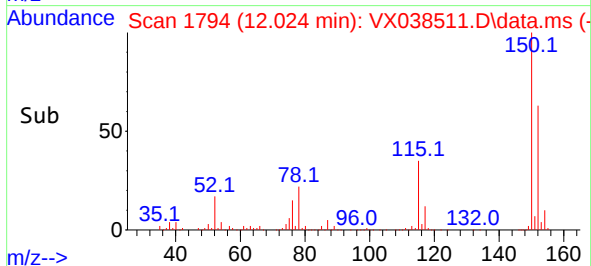
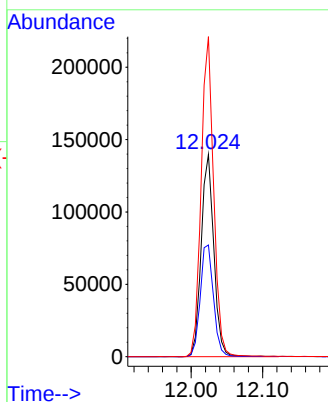


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038511.D
Acq: 26 Oct 2023 10:12

Instrument :
MSVOA_X
ClientSampleId :

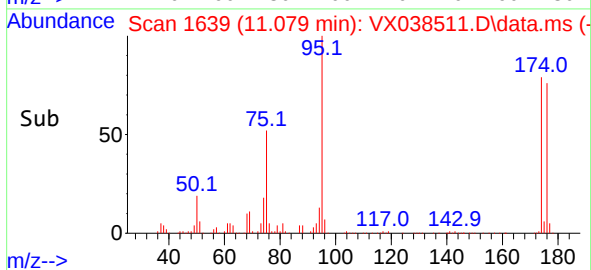
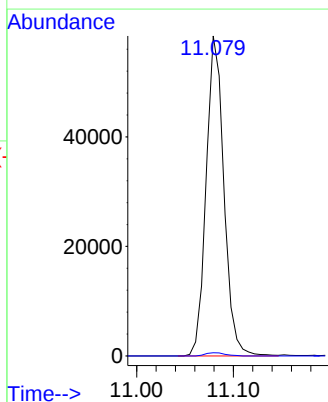
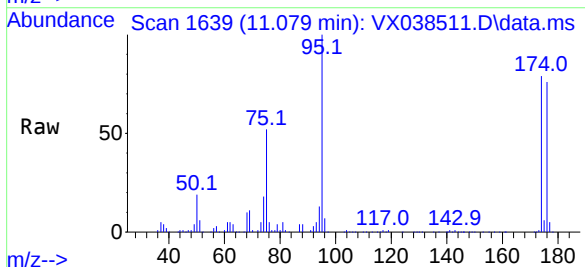


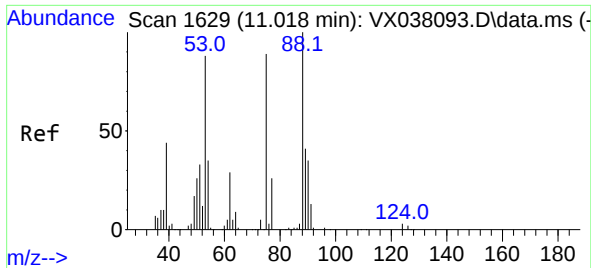
Tgt Ion:152 Resp: 171673
Ion Ratio Lower Upper
152 100
115 58.0 43.3 129.9
150 156.4 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 19.090 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038511.D
Acq: 26 Oct 2023 10:12

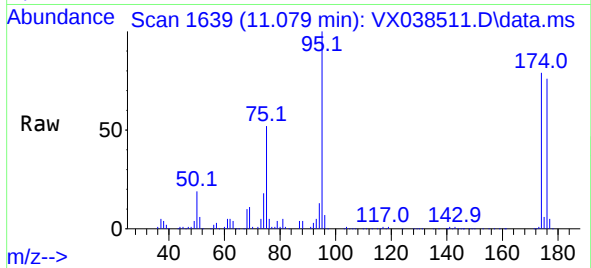
Tgt Ion: 75 Resp: 74502
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.277 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX038511.D
 Acq: 26 Oct 2023 10:12

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 74502
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

