

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
 Data File : VX038512.D
 Acq On : 26 Oct 2023 10:35
 Operator : JC/MD
 Sample : 05065-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 26 13:39:16 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)

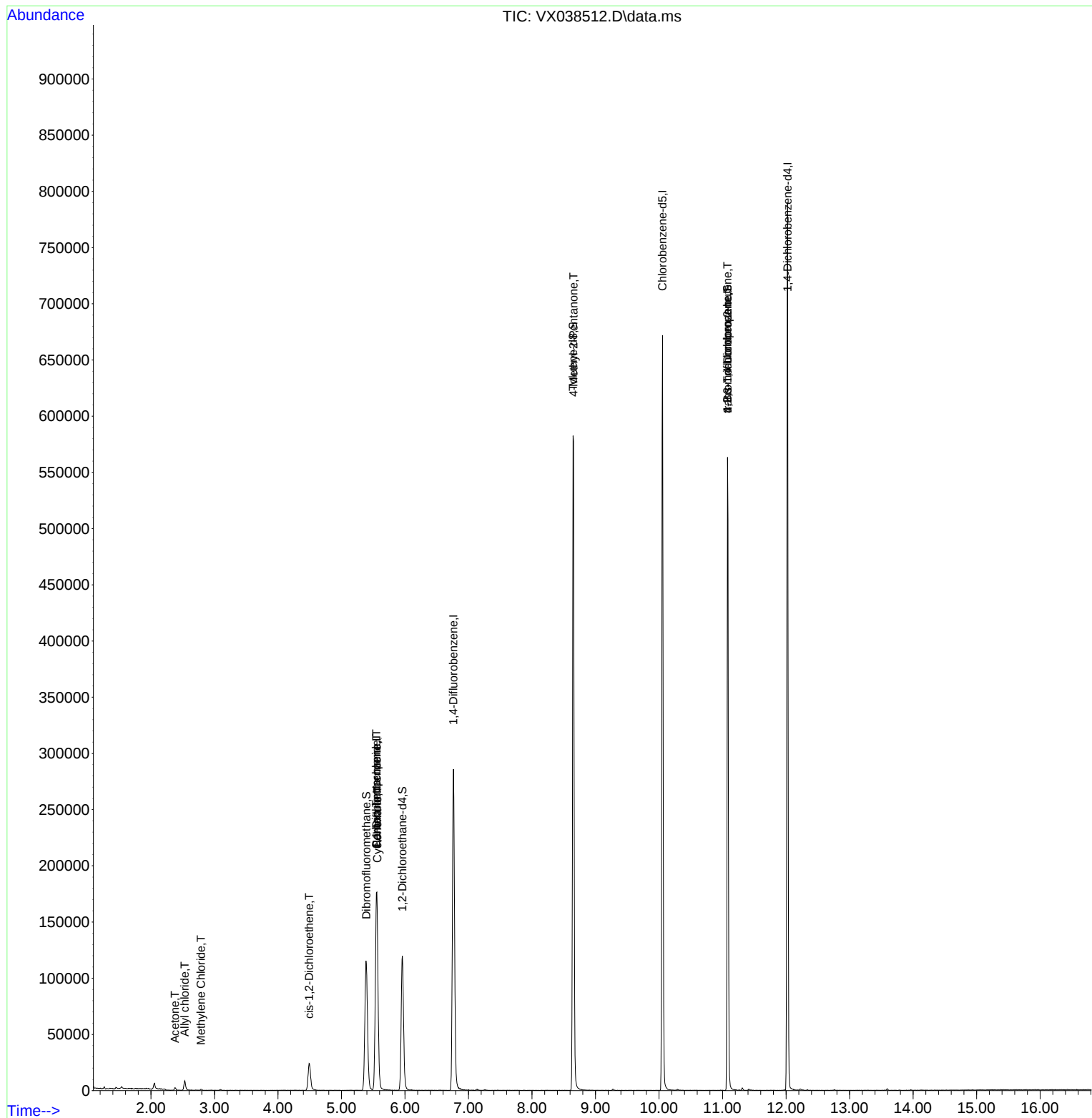
Internal Standards						
1) Pentafluorobenzene	5.556	168	180475	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	305620	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	315405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	111844	38.529	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	77.060%#
35) Dibromofluoromethane	5.391	113	100157	45.481	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.960%
50) Toluene-d8	8.647	98	370746	44.057	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.120%#
62) 4-Bromofluorobenzene	11.079	95	146167	45.817	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.640%
Target Compounds						
						Qvalue
5) Bromomethane	1.618	94	48	Below Cal	#	3
6) Chloroethane	1.703	64	61	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	116	Below Cal	#	78
14) Allyl chloride	2.532	41	969	0.328	ug/l #	83
16) Acetone	2.380	43	2649	2.187	ug/l	96
20) Methylene Chloride	2.788	84	493	0.216	ug/l #	68
27) cis-1,2-Dichloroethene	4.489	96	16105	6.614	ug/l	79
31) Cyclohexane	5.562	56	3546	1.128	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	12547	4.132	ug/l #	52
38) Carbon Tetrachloride	5.550	117	17395	5.823	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1449	0.390	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	74857	19.217	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	74857	55.618	ug/l #	5

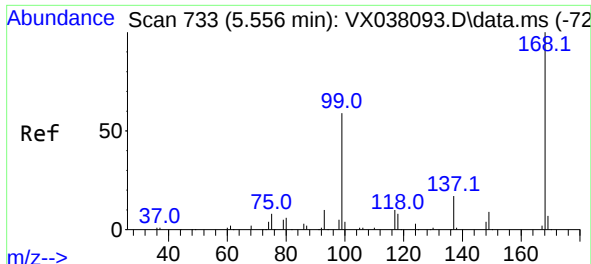
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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
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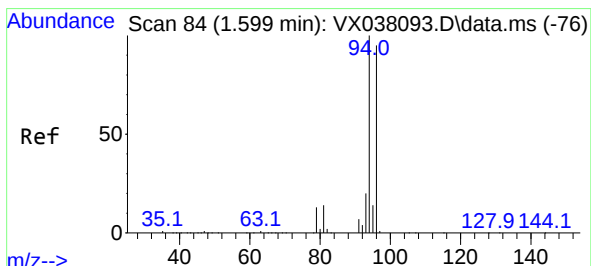
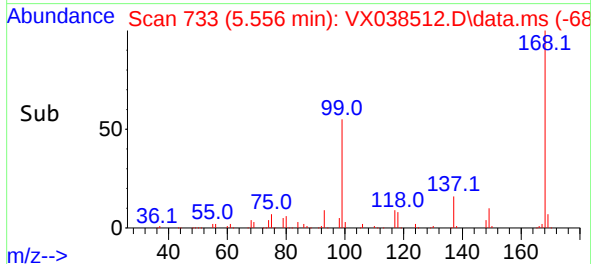
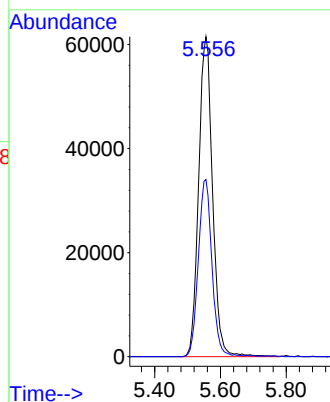
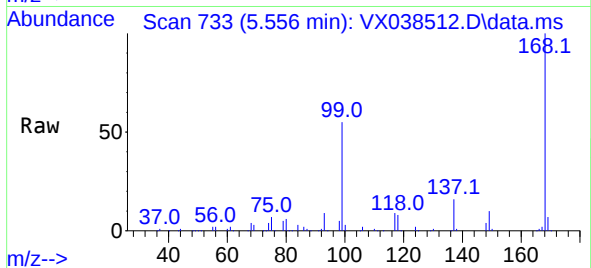




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038512.D
Acq: 26 Oct 2023 10:35

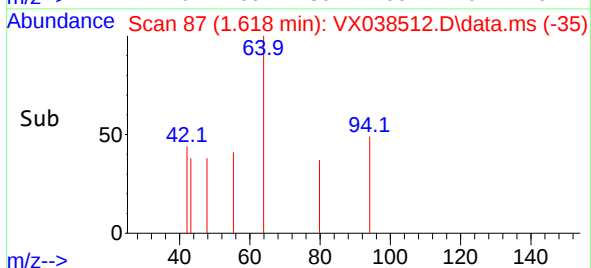
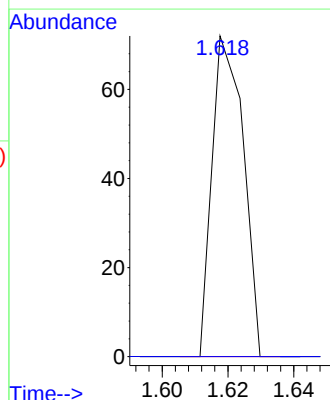
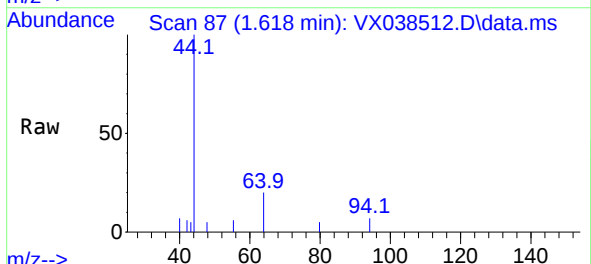
Instrument :
MSVOA_X
ClientSampleId :

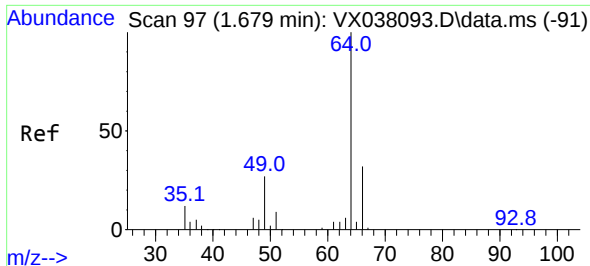
Tgt Ion:168 Resp: 180475
Ion Ratio Lower Upper
168 100
99 55.4 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX038512.D
Acq: 26 Oct 2023 10:35

Tgt Ion: 94 Resp: 48
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

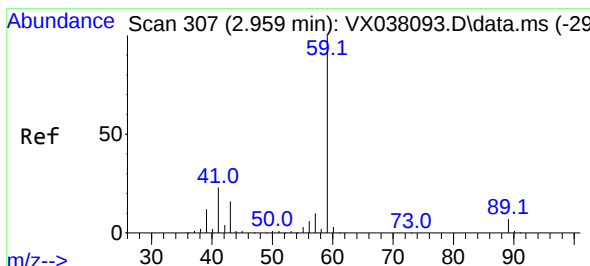
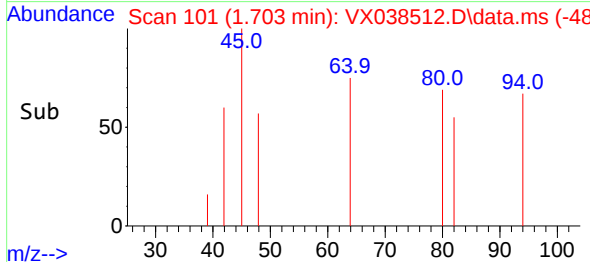
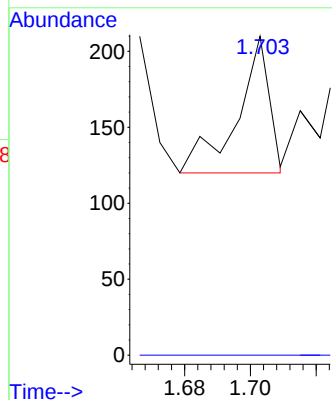
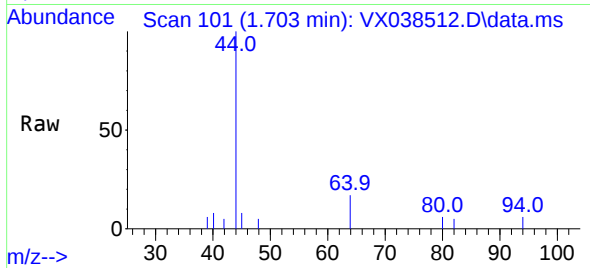




#6
Chloroethane
Concen: Below Cal
RT: 1.703 min Scan# 101
Delta R.T. 0.024 min
Lab File: VX038512.D
Acq: 26 Oct 2023 10:35

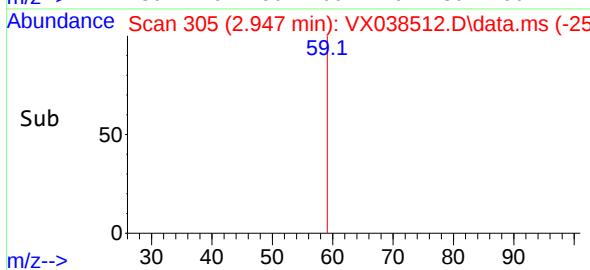
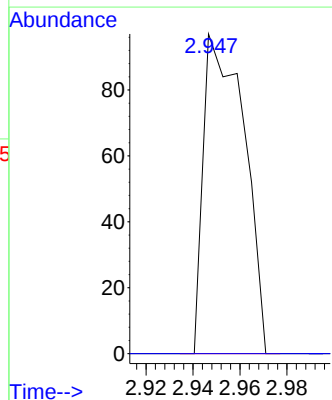
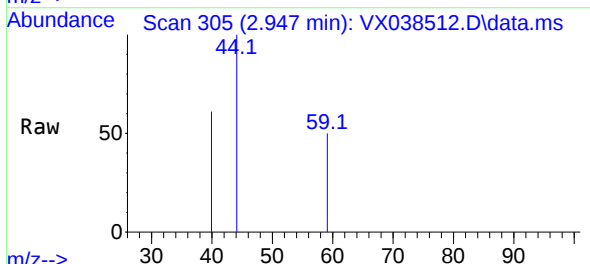
Instrument :
MSVOA_X
ClientSampleId :

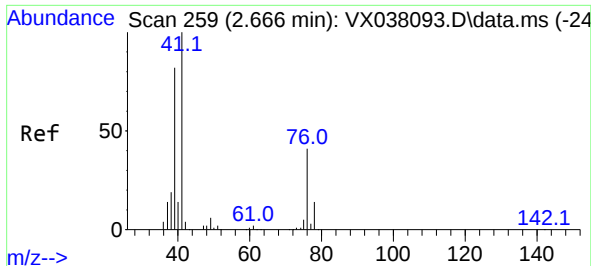
Tgt Ion: 64 Resp: 61
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX038512.D
Acq: 26 Oct 2023 10:35

Tgt Ion: 59 Resp: 116
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#14

Allyl chloride

Concen: 0.328 ug/l

RT: 2.532 min Scan# 21

Delta R.T. -0.128 min

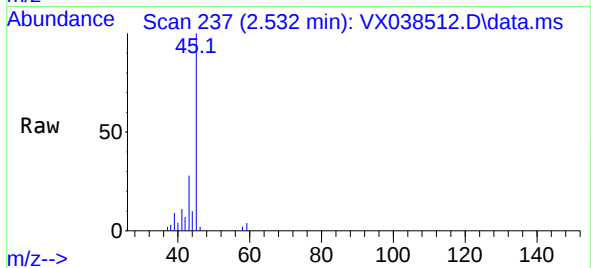
Lab File: VX038512.D

Acq: 26 Oct 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :



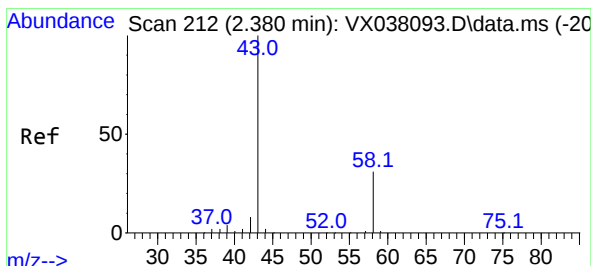
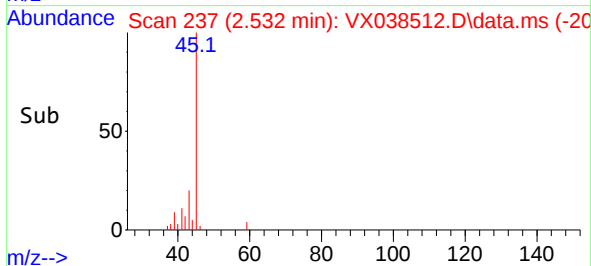
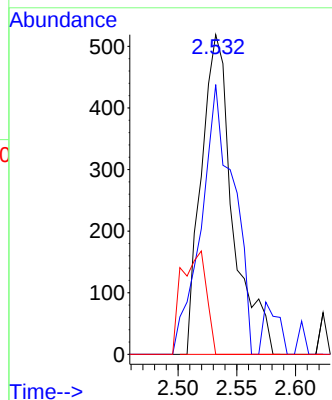
Tgt Ion: 41 Resp: 969

Ion Ratio Lower Upper

41 100

39 86.7 55.8 83.6#

76 25.3 24.3 36.5



#16

Acetone

Concen: 2.187 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX038512.D

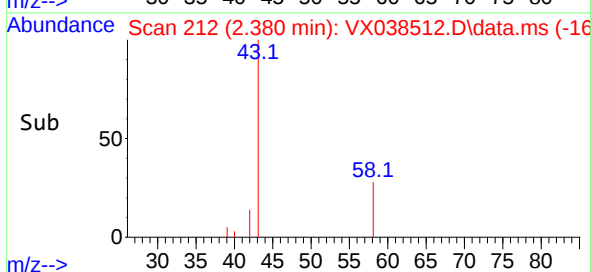
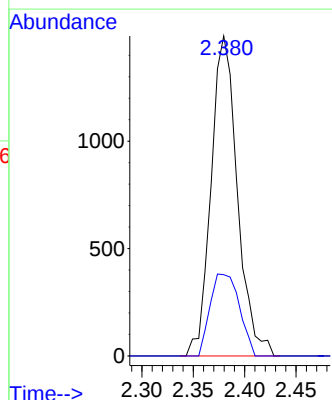
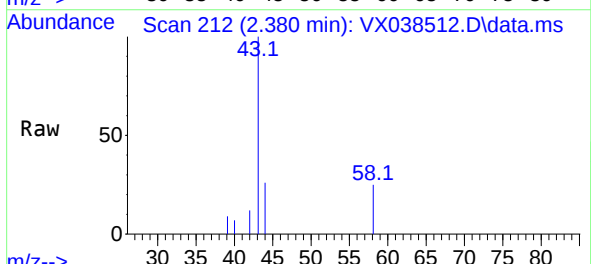
Acq: 26 Oct 2023 10:35

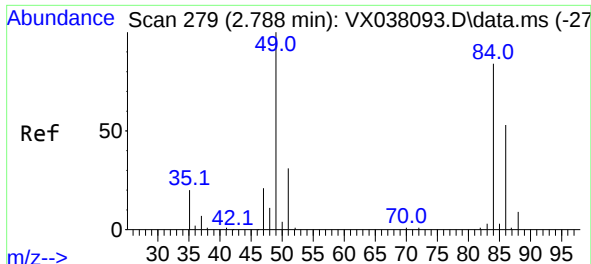
Tgt Ion: 43 Resp: 2649

Ion Ratio Lower Upper

43 100

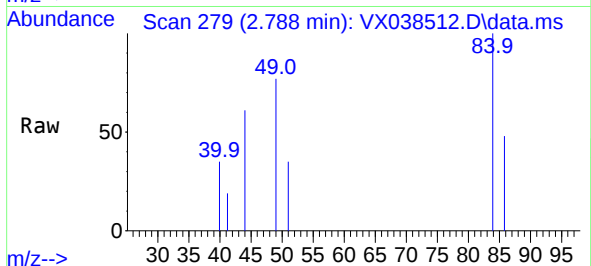
58 25.4 21.9 32.9





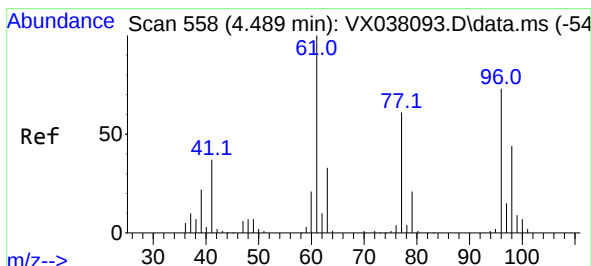
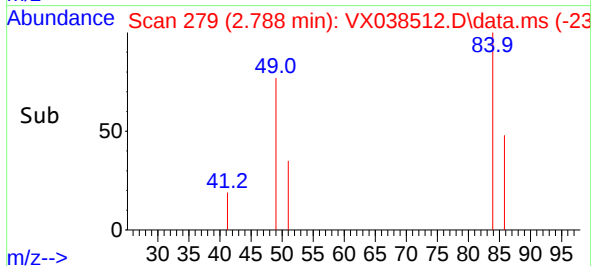
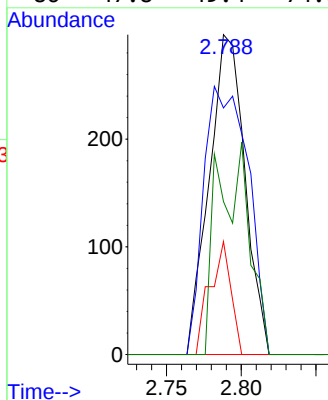
#20
Methylene Chloride
Concen: 0.216 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038512.D
Acq: 26 Oct 2023 10:35

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 493

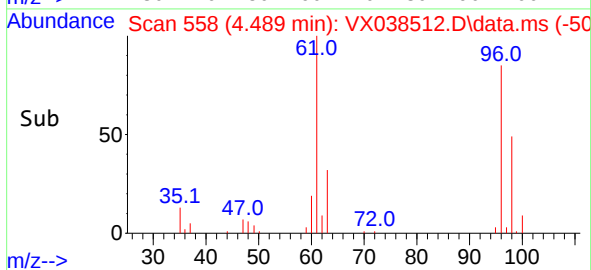
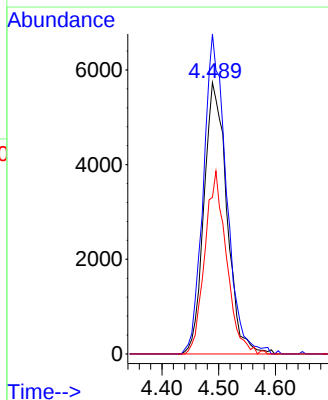
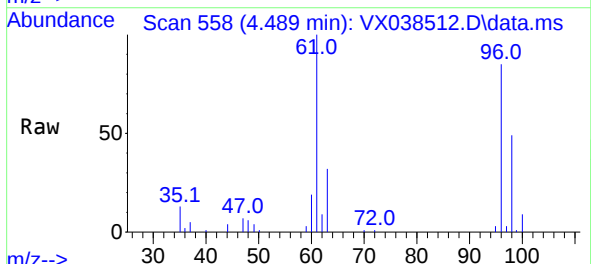
Ion	Ratio	Lower	Upper
84	100		
49	77.1	103.6	155.4#
51	35.4	33.8	50.6
86	47.8	49.4	74.0#

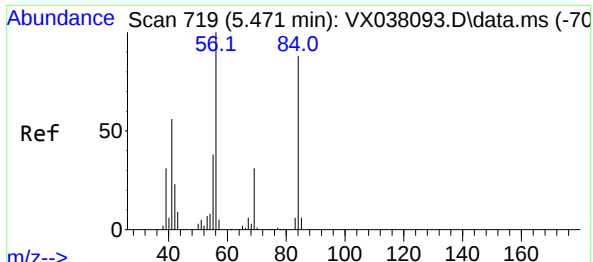


#27
cis-1,2-Dichloroethene
Concen: 6.614 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX038512.D
Acq: 26 Oct 2023 10:35

Tgt Ion: 96 Resp: 16105

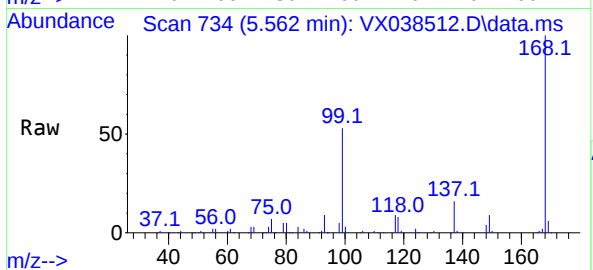
Ion	Ratio	Lower	Upper
96	100		
61	117.5	0.0	312.2
98	63.7	0.0	129.0



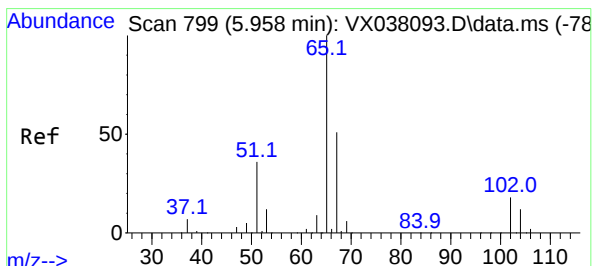
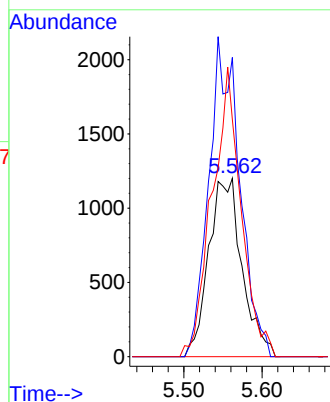
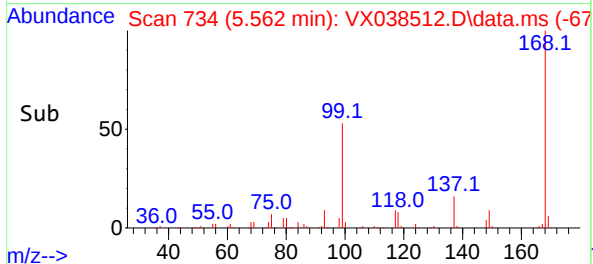


#31
Cyclohexane
Concen: 1.128 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX038512.D
Acq: 26 Oct 2023 10:35

Instrument :
MSVOA_X
ClientSampleId :

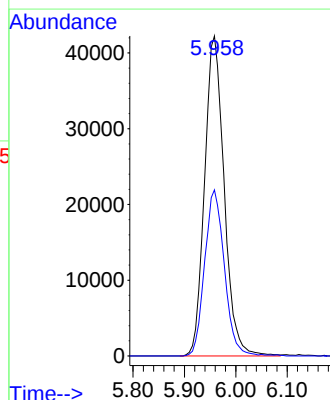
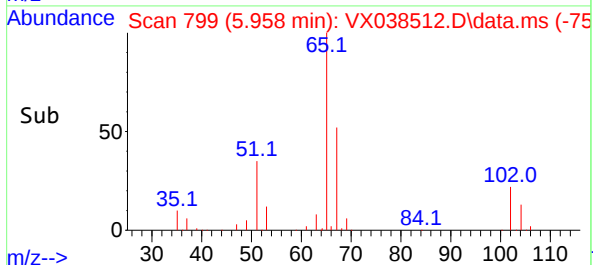
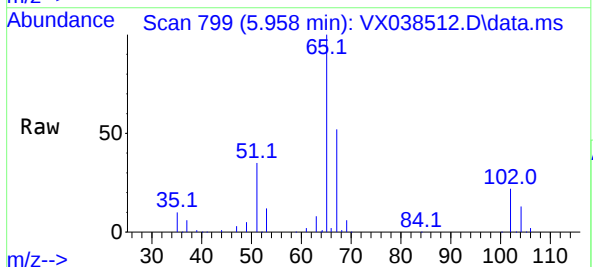


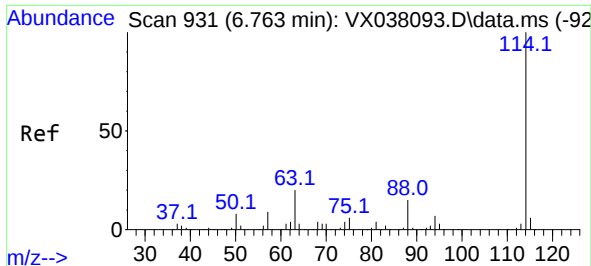
Tgt Ion: 56 Resp: 3546
Ion Ratio Lower Upper
56 100
69 167.8 23.4 35.2#
84 133.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 38.529 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038512.D
Acq: 26 Oct 2023 10:35

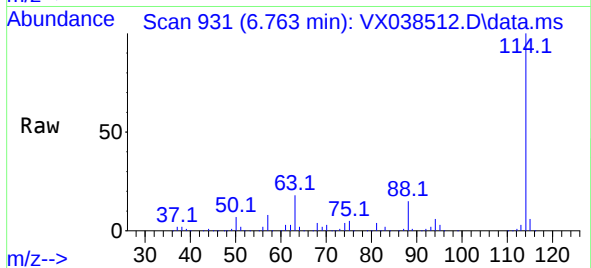
Tgt Ion: 65 Resp: 111844
Ion Ratio Lower Upper
65 100
67 52.4 0.0 100.2



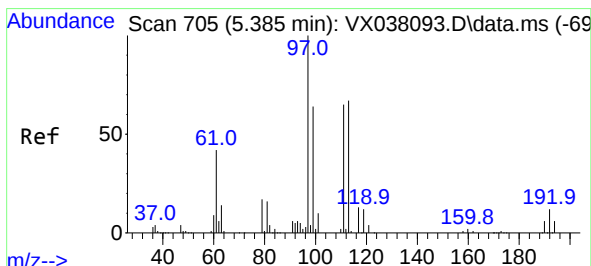
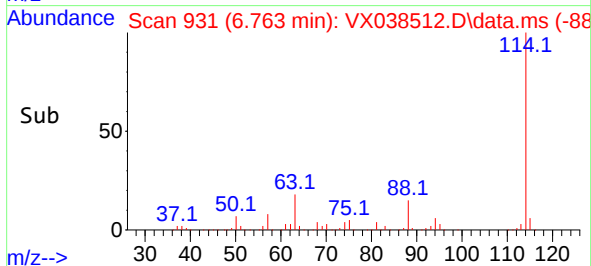
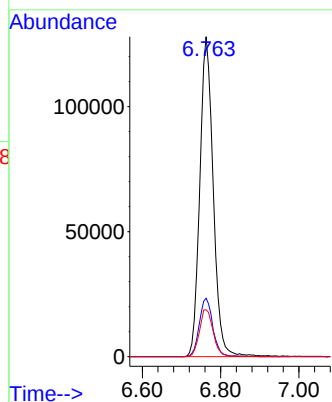


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038512.D
Acq: 26 Oct 2023 10:35

Instrument :
MSVOA_X
ClientSampleId :

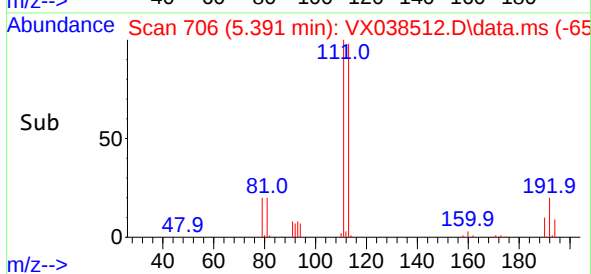
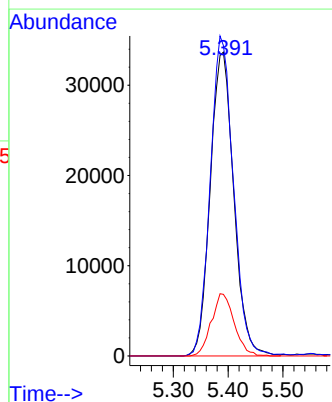
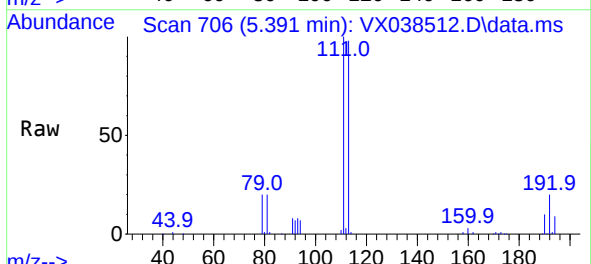


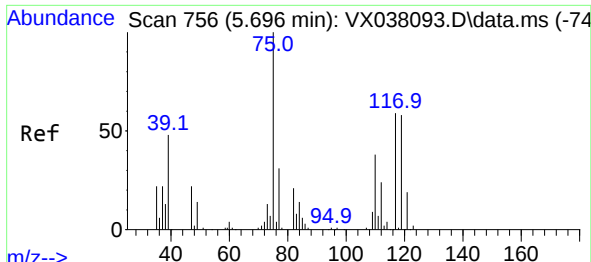
Tgt Ion:114 Resp: 305620
Ion Ratio Lower Upper
114 100
63 18.3 0.0 45.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.481 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038512.D
Acq: 26 Oct 2023 10:35

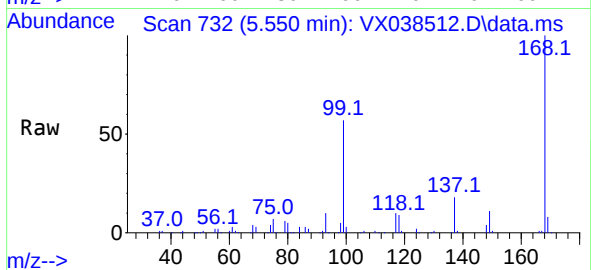
Tgt Ion:113 Resp: 100157
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 19.9 13.3 19.9#



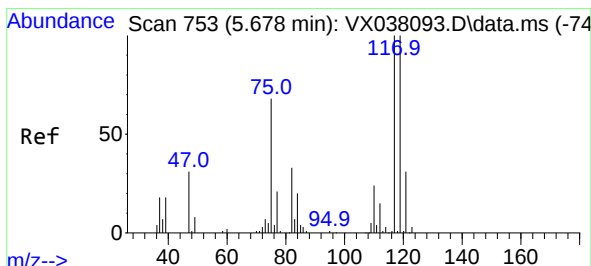
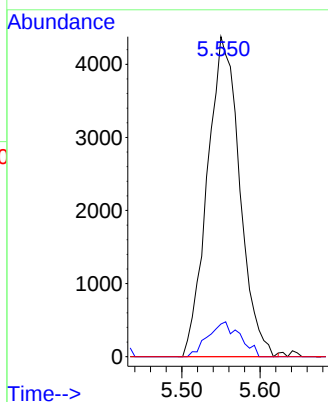
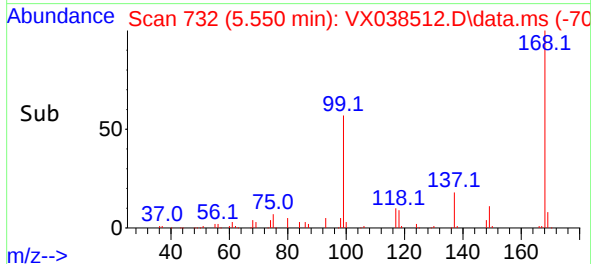


#36
1,1-Dichloropropene
Concen: 4.132 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX038512.D
Acq: 26 Oct 2023 10:35

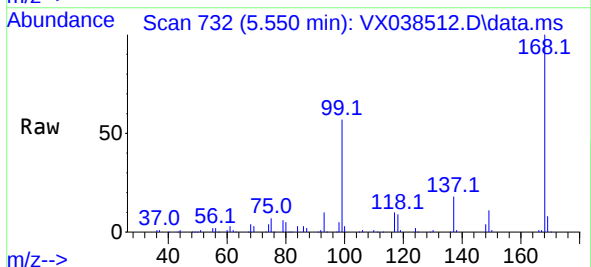
Instrument :
MSVOA_X
ClientSampleId :



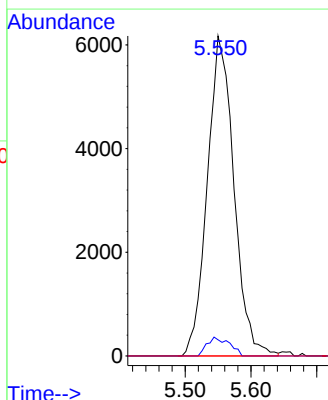
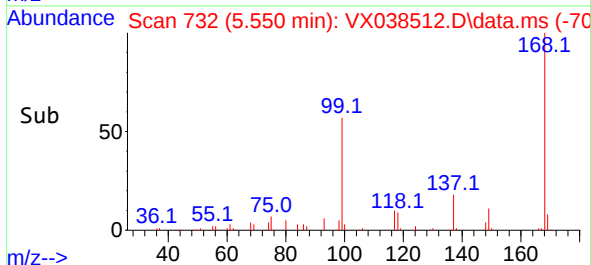
Tgt Ion: 75 Resp: 12547
Ion Ratio Lower Upper
75 100
110 10.7 17.0 50.9#
77 0.0 24.7 37.1#

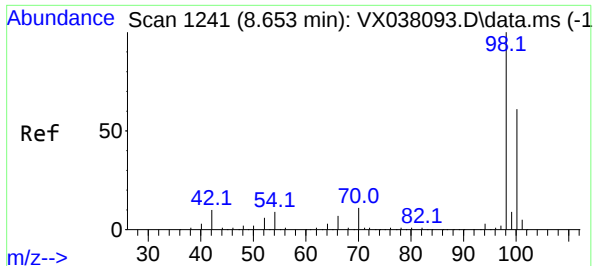


#38
Carbon Tetrachloride
Concen: 5.823 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038512.D
Acq: 26 Oct 2023 10:35



Tgt Ion: 117 Resp: 17395
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#

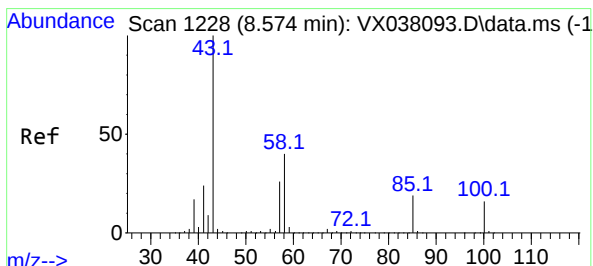
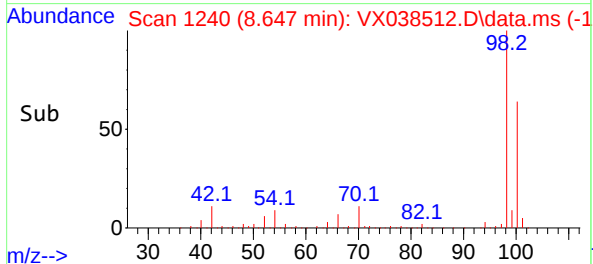
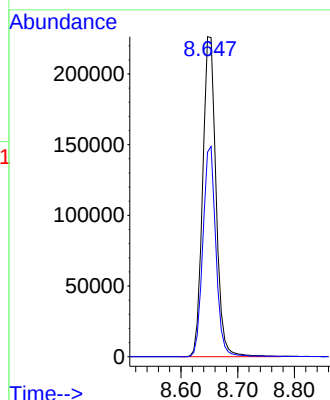
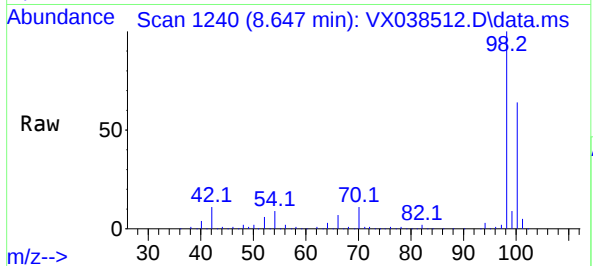




#50
Toluene-d8
Concen: 44.057 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038512.D
Acq: 26 Oct 2023 10:35

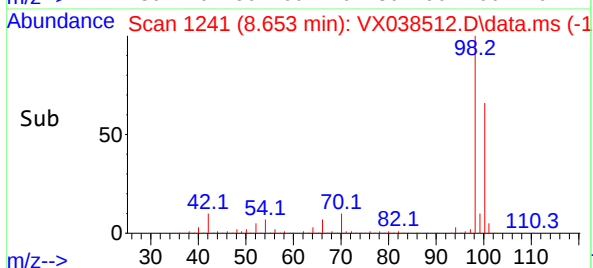
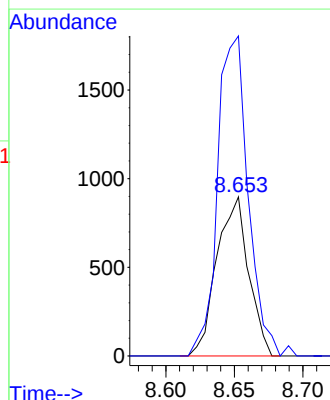
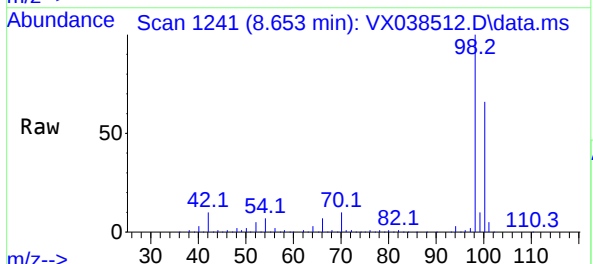
Instrument :
MSVOA_X
ClientSampleId :

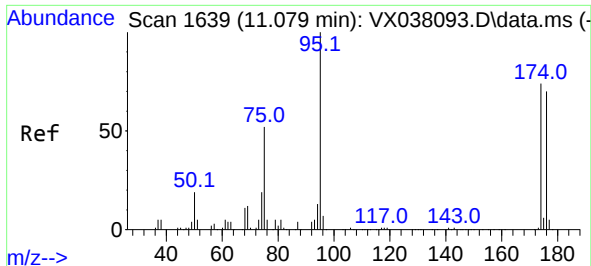
Tgt Ion: 98 Resp: 370746
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.390 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX038512.D
Acq: 26 Oct 2023 10:35

Tgt Ion: 43 Resp: 1449
Ion Ratio Lower Upper
43 100
58 193.9 30.4 45.6#

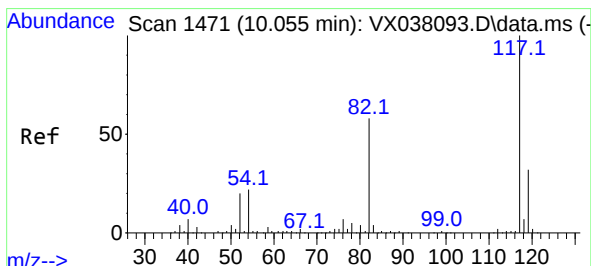
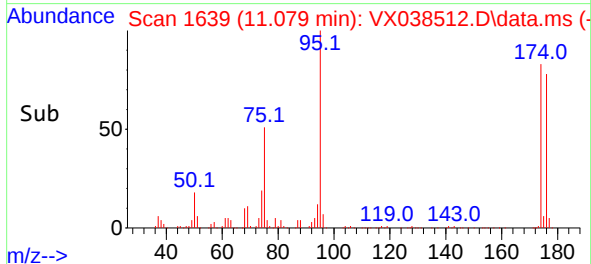
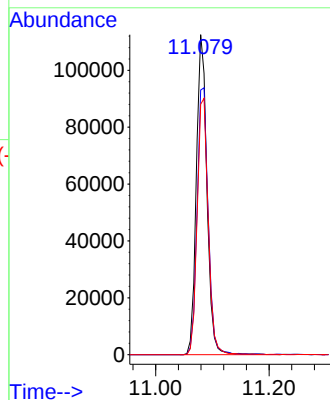
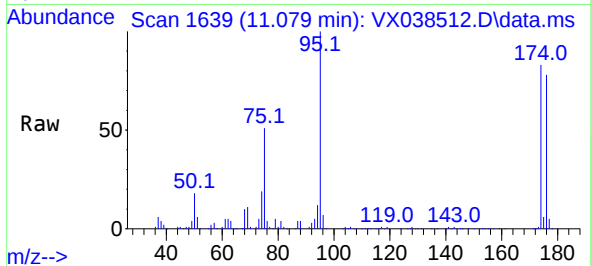




#62
4-Bromofluorobenzene
Concen: 45.817 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038512.D
Acq: 26 Oct 2023 10:35

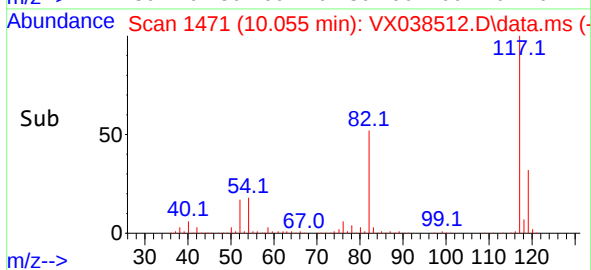
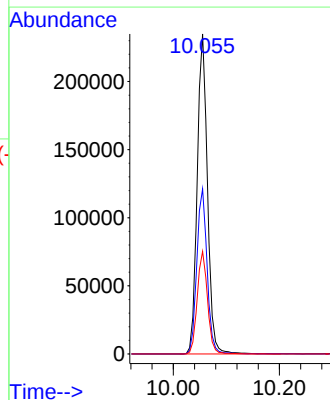
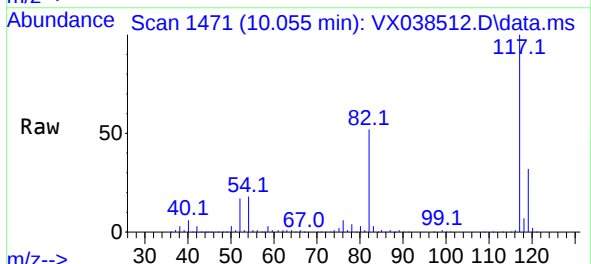
Instrument :
MSVOA_X
ClientSampleId :

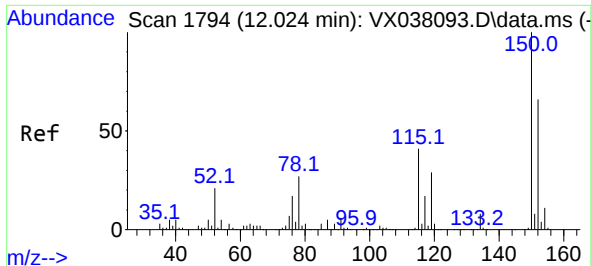
Tgt Ion: 95 Resp: 146167
Ion Ratio Lower Upper
95 100
174 87.4 0.0 135.6
176 83.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038512.D
Acq: 26 Oct 2023 10:35

Tgt Ion: 117 Resp: 315405
Ion Ratio Lower Upper
117 100
82 51.6 46.2 69.4
119 32.0 25.5 38.3

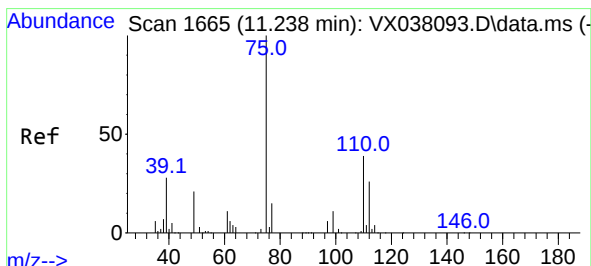
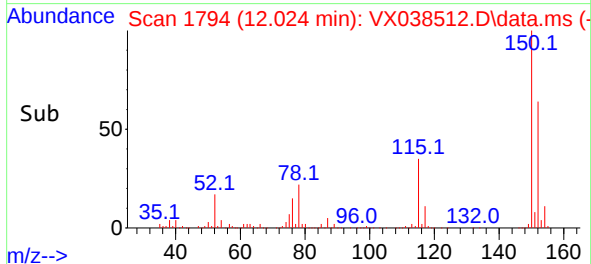
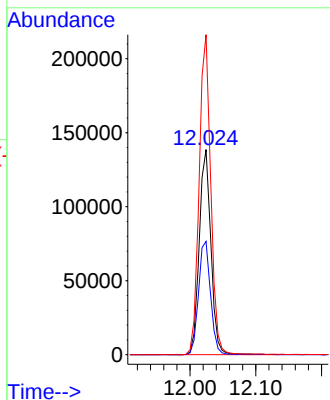
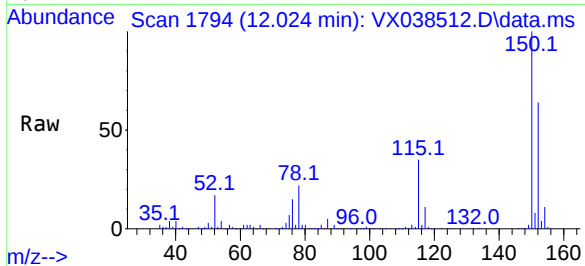




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038512.D
 Acq: 26 Oct 2023 10:35

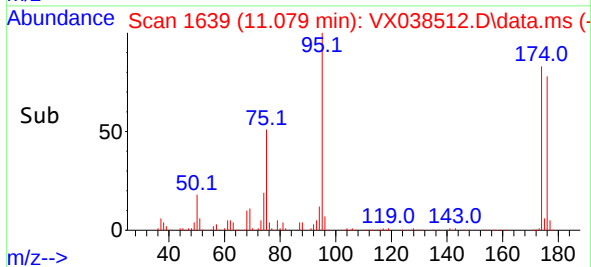
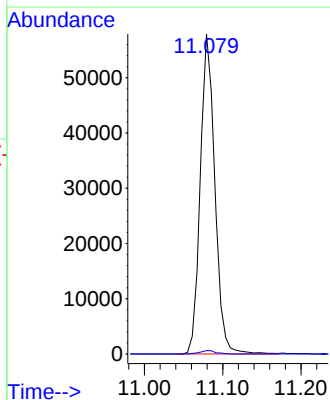
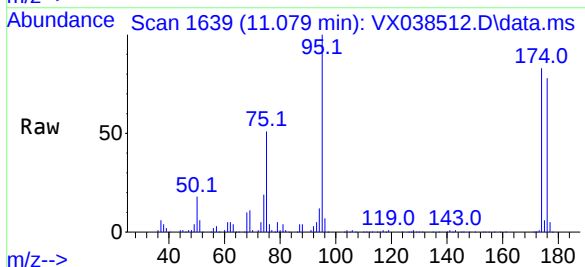
Instrument :
 MSVOA_X
 ClientSampleId :

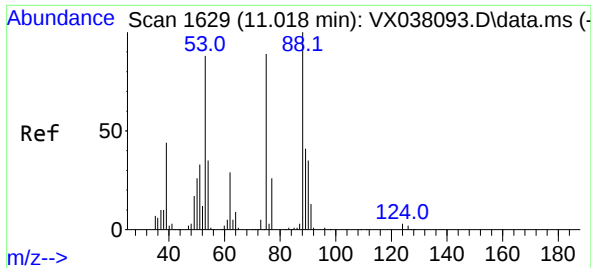
Tgt Ion:152 Resp: 171351
 Ion Ratio Lower Upper
 152 100
 115 56.9 43.3 129.9
 150 154.8 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 19.217 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038512.D
 Acq: 26 Oct 2023 10:35

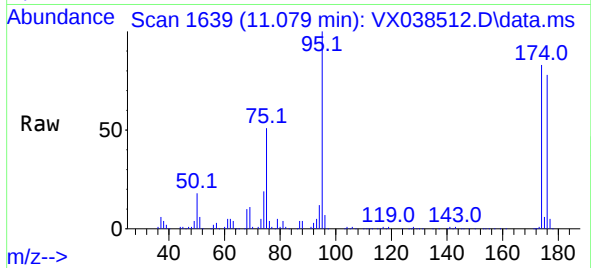
Tgt Ion: 75 Resp: 74857
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.618 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX038512.D
 Acq: 26 Oct 2023 10:35

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 74857
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

