

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
 Data File : VX038504.D
 Acq On : 26 Oct 2023 07:30
 Operator : JC/MD
 Sample : 05049-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 26 08:40:10 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)

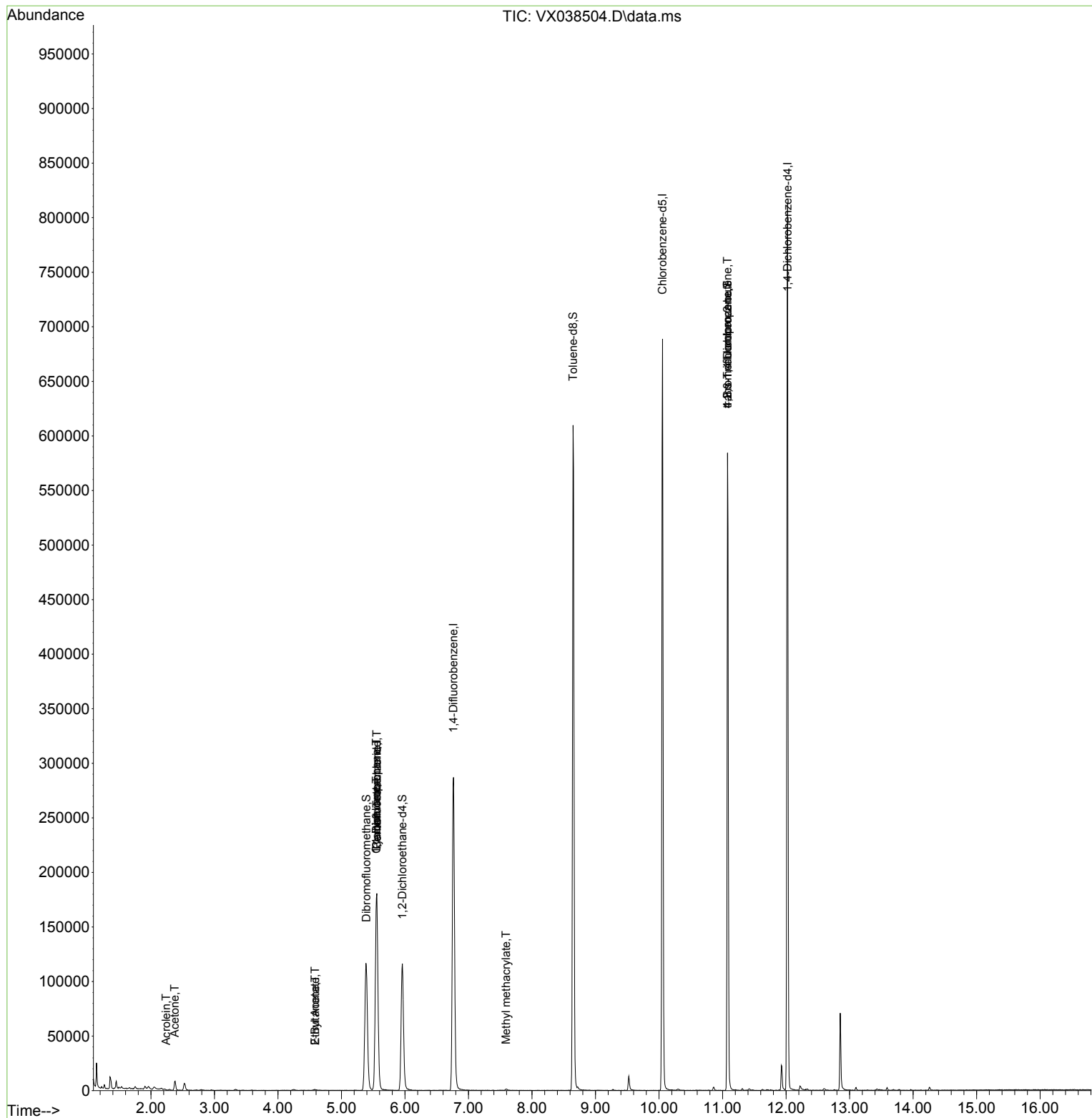
Internal Standards						
1) Pentafluorobenzene	5.556	168	180723	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	311994	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	321211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178161	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	112034	38.542	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	77.080%	#	
35) Dibromofluoromethane	5.391	113	101950	45.349	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.700%		
50) Toluene-d8	8.647	98	378832	44.098	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.200%	#	
62) 4-Bromofluorobenzene	11.079	95	149891	46.024	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.040%		
Target Compounds						
						Qvalue
5) Bromomethane	1.611	94	22	Below Cal	#	3
6) Chloroethane	1.660	64	176	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	339	Below Cal	#	78
13) Acrolein	2.239	56	150	0.363	ug/l	# 14
16) Acetone	2.374	43	8924	7.356	ug/l	97
25) 2-Butanone	4.587	43	1120	0.572	ug/l	94
31) Cyclohexane	5.550	56	3624	1.151	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	12898	4.160	ug/l	# 52
37) Ethyl Acetate	4.587	43	1120	0.304	ug/l	# 69
38) Carbon Tetrachloride	5.556	117	17753	5.821	ug/l	# 15
48) Methyl methacrylate	7.592	41	584	0.223	ug/l	# 38
76) 1,2,3-Trichloropropane	11.079	75	77900	19.233	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	77900	55.663	ug/l	# 5

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

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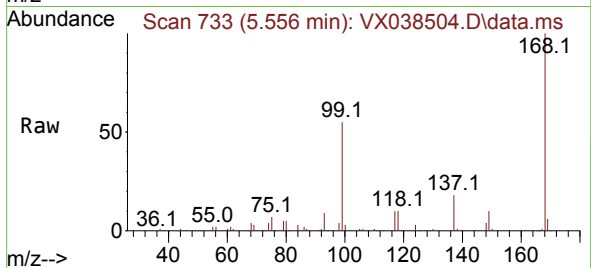
Quant Time: Oct 26 08:40:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



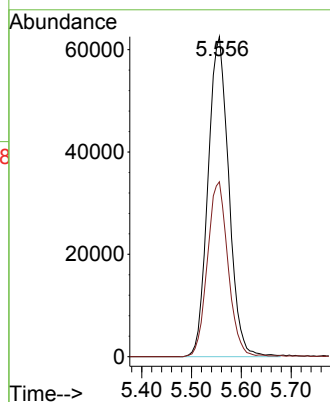
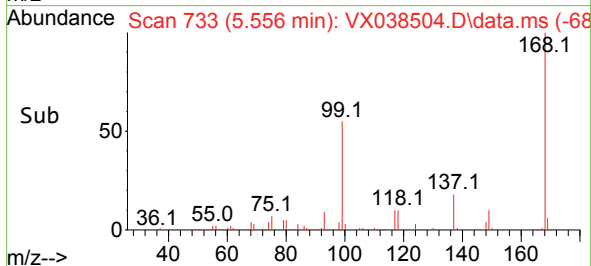


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038504.D
Acq: 26 Oct 2023 07:30

Instrument :
MSVOA_X
ClientSampleId :

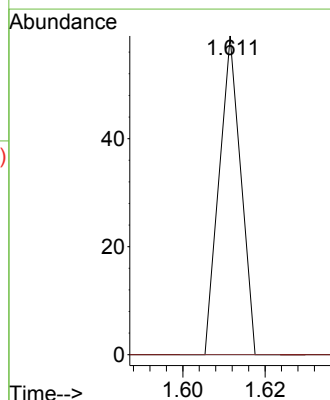
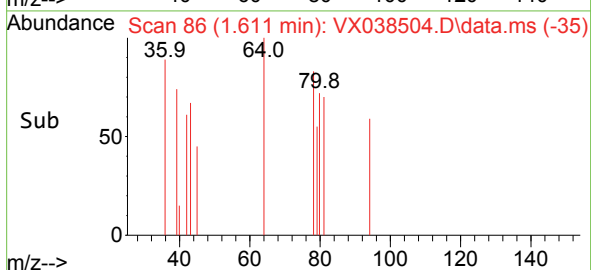
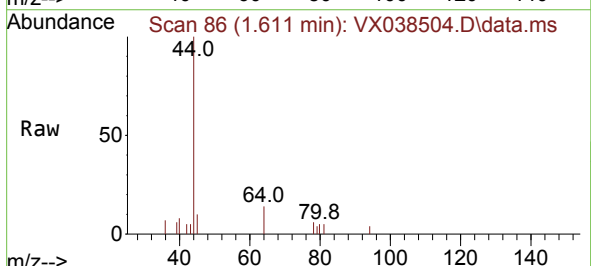


Tgt Ion:168 Resp: 180723
Ion Ratio Lower Upper
168 100
99 54.6 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX038504.D
Acq: 26 Oct 2023 07:30

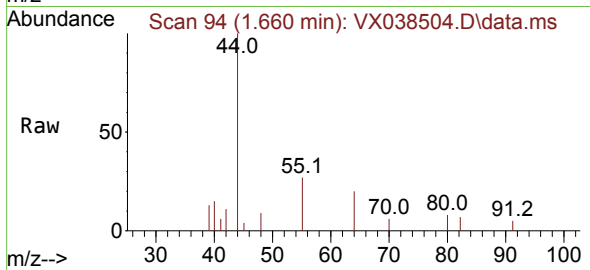
Tgt Ion: 94 Resp: 22
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



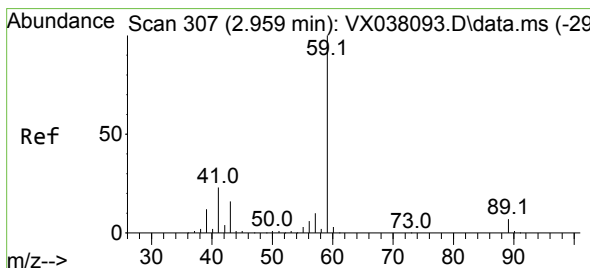
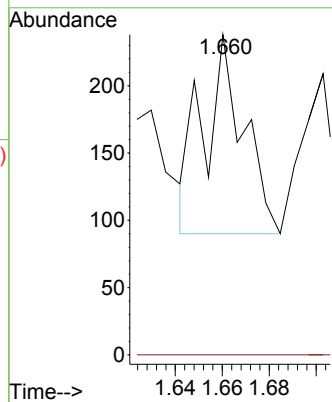
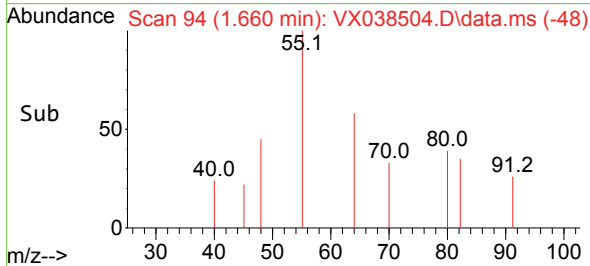


#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX038504.D
Acq: 26 Oct 2023 07:30

Instrument :
MSVOA_X
ClientSampleId :

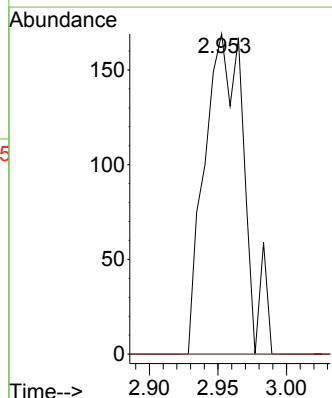
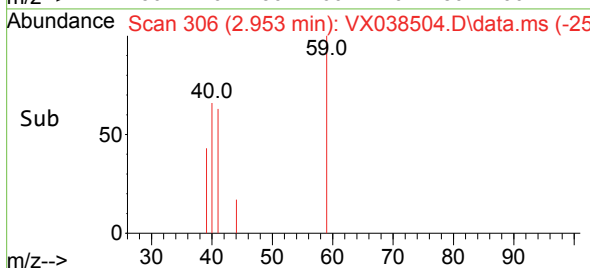
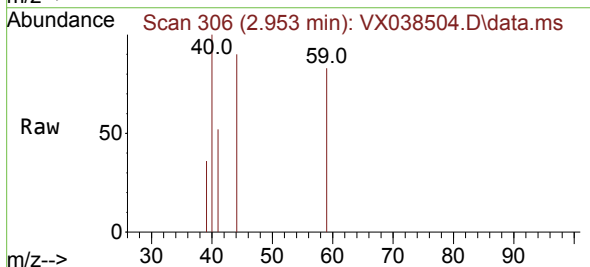


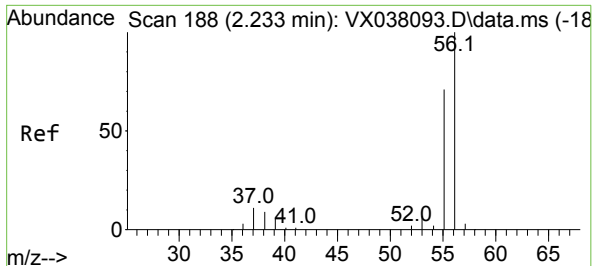
Tgt Ion: 64 Resp: 176
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038504.D
Acq: 26 Oct 2023 07:30

Tgt Ion: 59 Resp: 339
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.363 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX038504.D

Acq: 26 Oct 2023 07:30

Instrument :

MSVOA_X

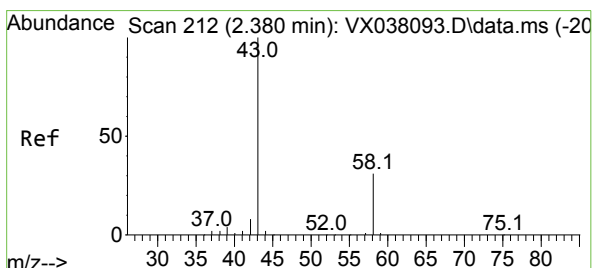
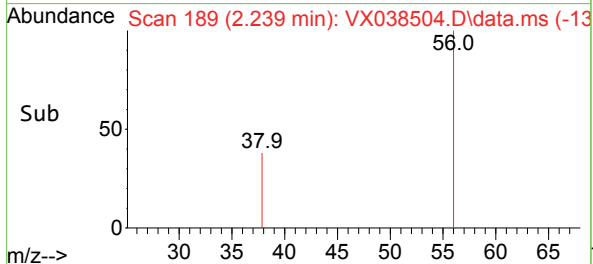
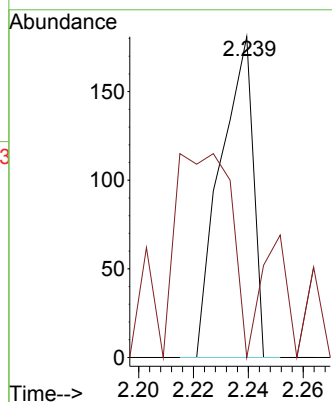
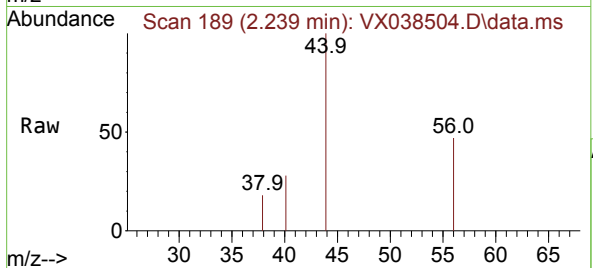
ClientSampleId :

Tgt Ion: 56 Resp: 150

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#



#16

Acetone

Concen: 7.356 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX038504.D

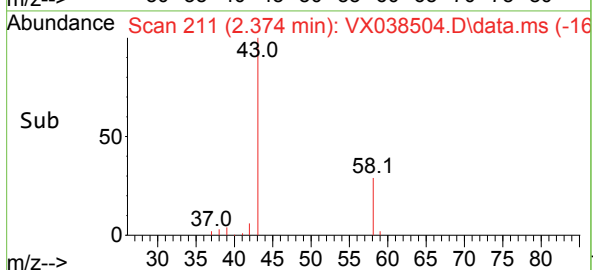
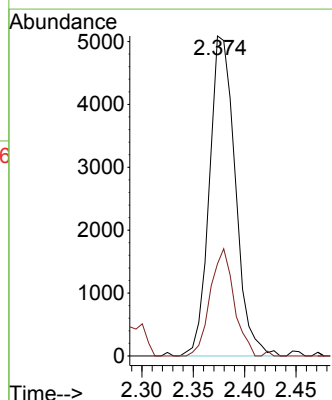
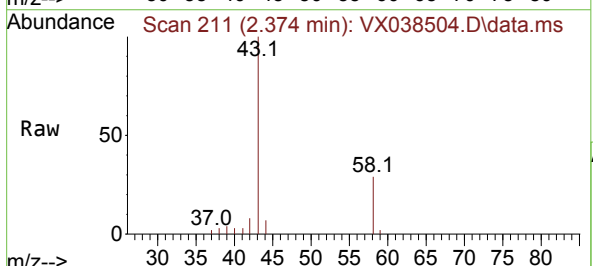
Acq: 26 Oct 2023 07:30

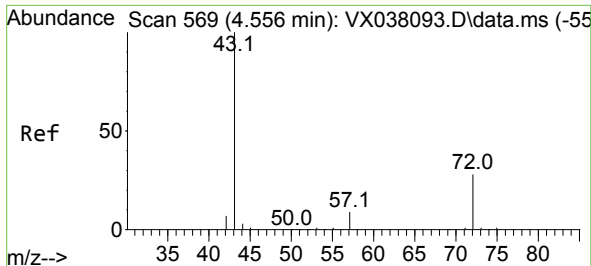
Tgt Ion: 43 Resp: 8924

Ion Ratio Lower Upper

43 100

58 28.8 21.9 32.9

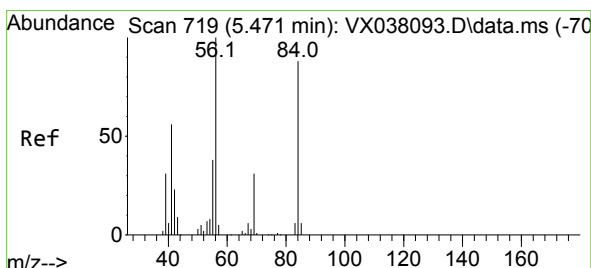
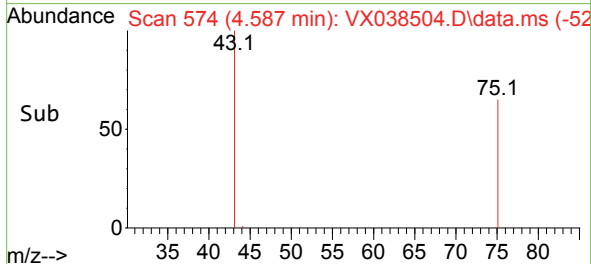
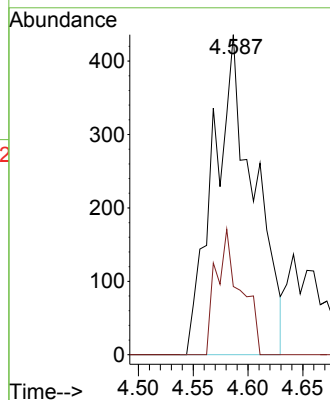
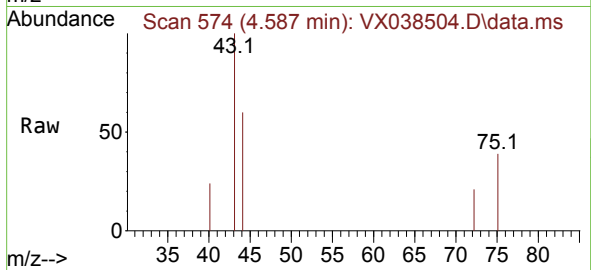




#25
2-Butanone
Concen: 0.572 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX038504.D
Acq: 26 Oct 2023 07:30

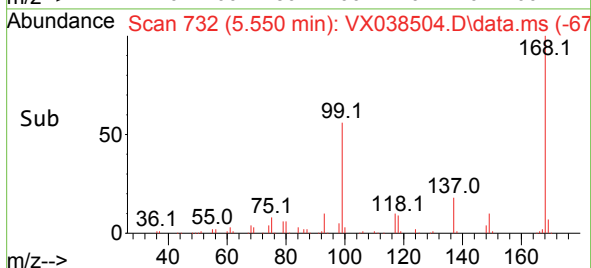
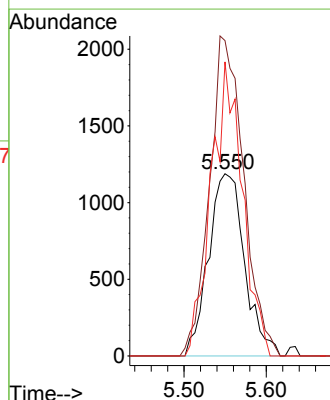
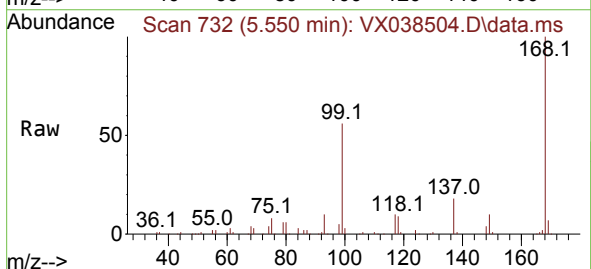
Instrument :
MSVOA_X
ClientSampleId :

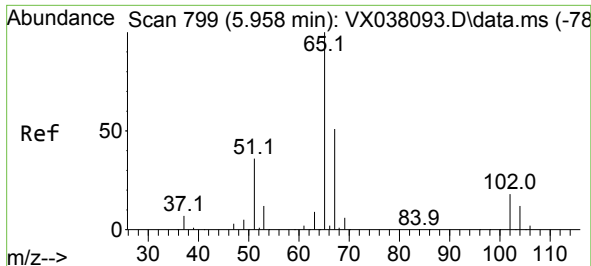
Tgt Ion: 43 Resp: 1120
Ion Ratio Lower Upper
43 100
72 21.3 19.4 29.2



#31
Cyclohexane
Concen: 1.151 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX038504.D
Acq: 26 Oct 2023 07:30

Tgt Ion: 56 Resp: 3624
Ion Ratio Lower Upper
56 100
69 173.1 23.4 35.2#
84 161.4 65.9 98.9#

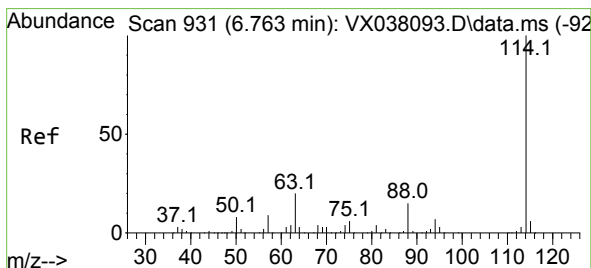
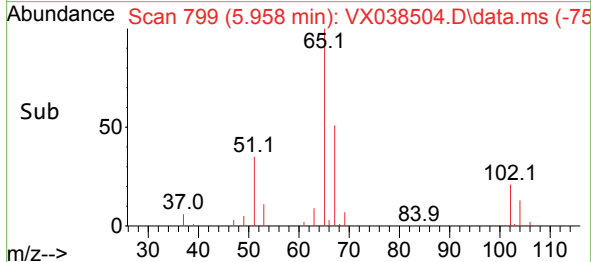
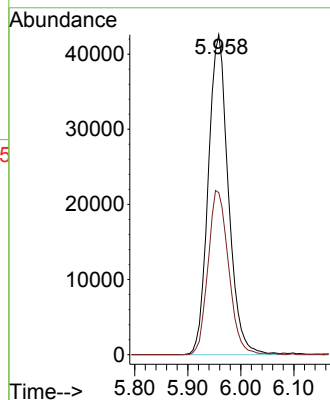
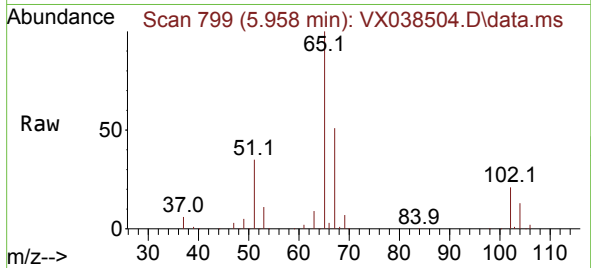




#33
 1,2-Dichloroethane-d4
 Concen: 38.542 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038504.D
 Acq: 26 Oct 2023 07:30

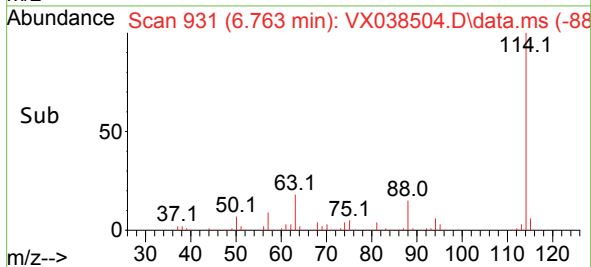
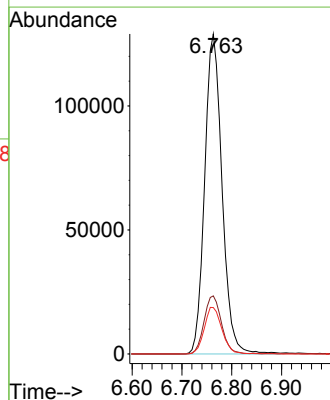
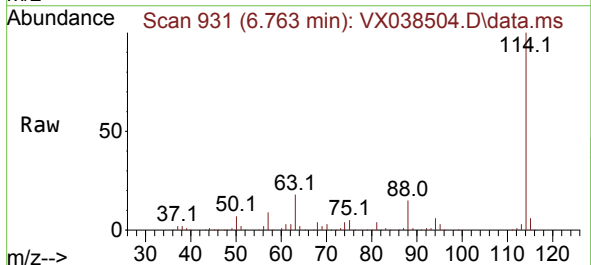
Instrument :
 MSVOA_X
 ClientSampleId :

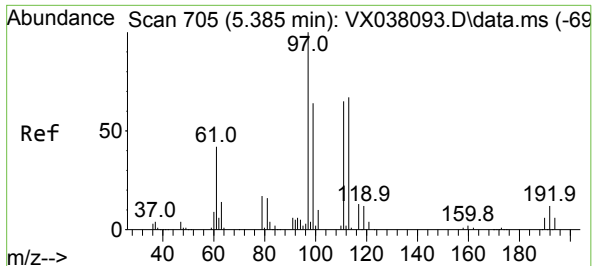
Tgt Ion: 65 Resp: 112034
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038504.D
 Acq: 26 Oct 2023 07:30

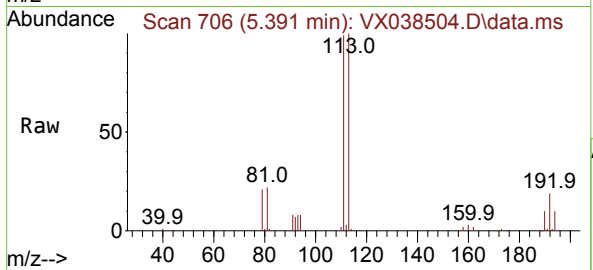
Tgt Ion:114 Resp: 311994
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 45.0
 88 14.5 0.0 36.6



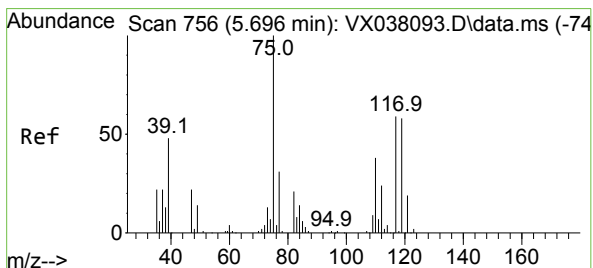
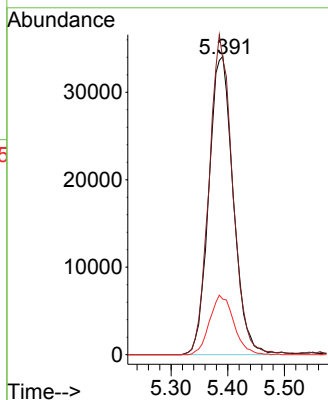
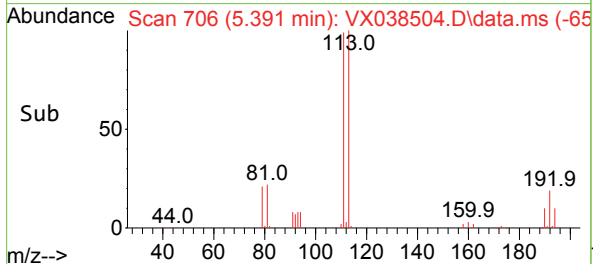


#35
Dibromofluoromethane
Concen: 45.349 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038504.D
Acq: 26 Oct 2023 07:30

Instrument :
MSVOA_X
ClientSampleId :

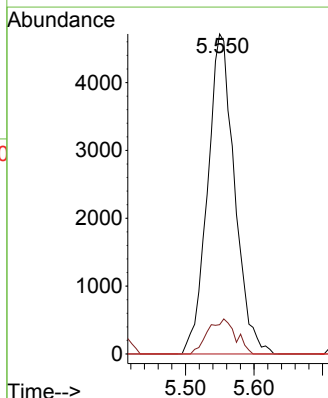
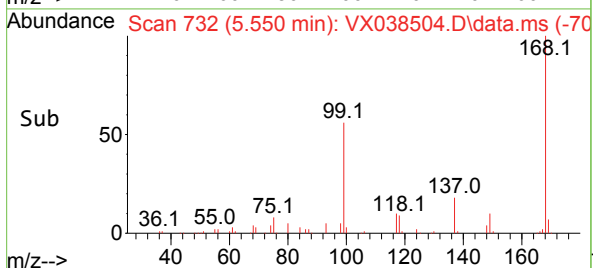
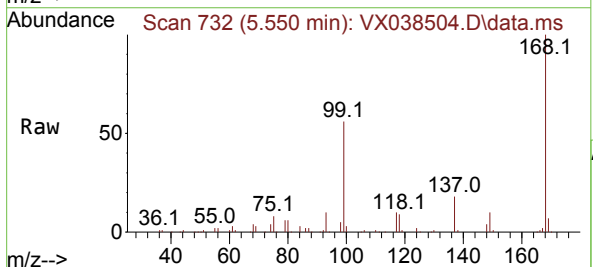


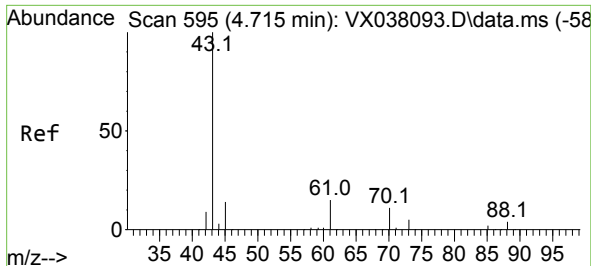
Tgt Ion:113 Resp: 101950
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 19.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.160 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038504.D
Acq: 26 Oct 2023 07:30

Tgt Ion: 75 Resp: 12898
Ion Ratio Lower Upper
75 100
110 11.3 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.304 ug/l

RT: 4.587 min Scan# 51

Delta R.T. -0.128 min

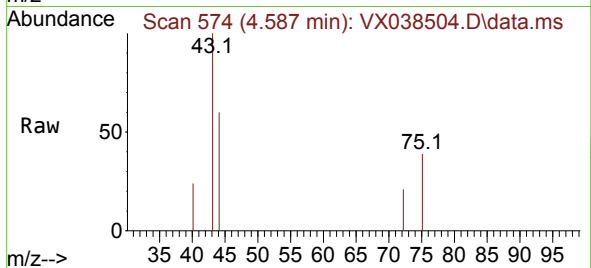
Lab File: VX038504.D

Acq: 26 Oct 2023 07:30

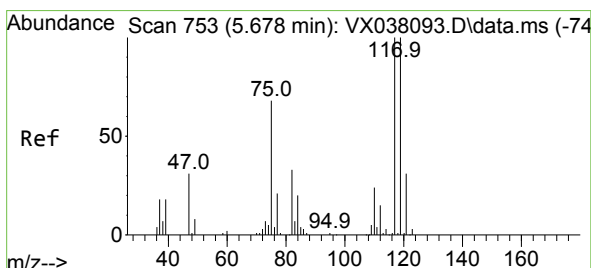
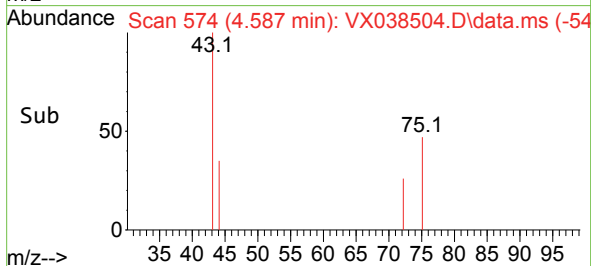
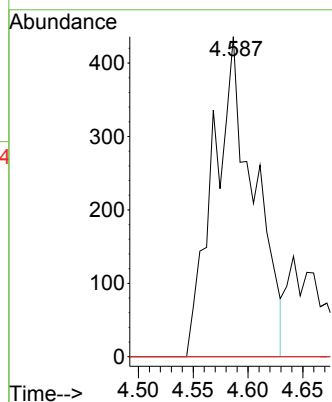
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43	Resp: 1120
Ion Ratio	Lower Upper
43	100
61	0.0 10.6 16.0#
70	0.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 5.821 ug/l

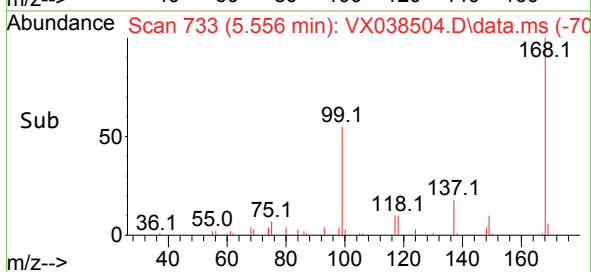
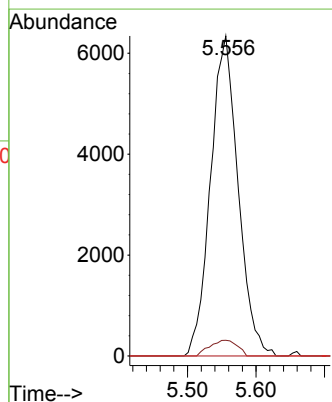
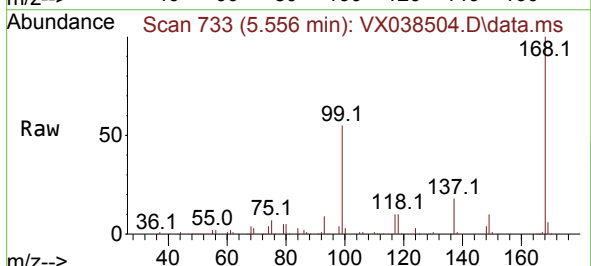
RT: 5.556 min Scan# 733

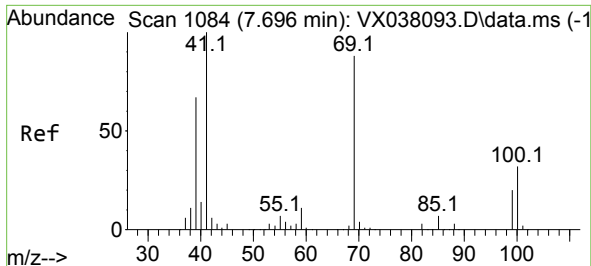
Delta R.T. -0.122 min

Lab File: VX038504.D

Acq: 26 Oct 2023 07:30

Tgt Ion: 117	Resp: 17753
Ion Ratio	Lower Upper
117	100
119	4.9 78.2 117.2#
121	0.0 24.4 36.6#

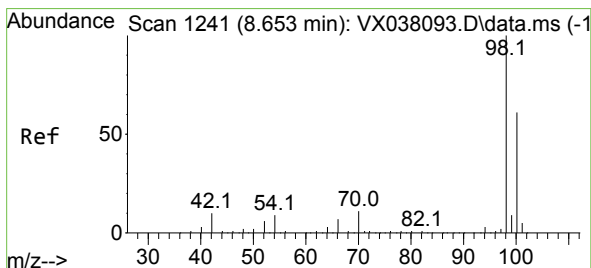
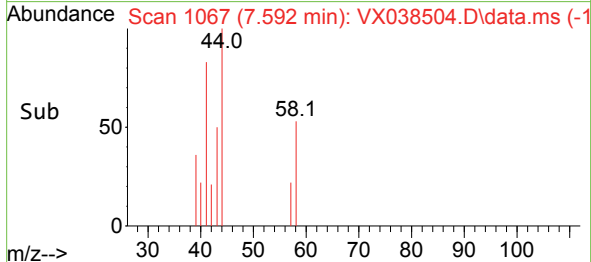
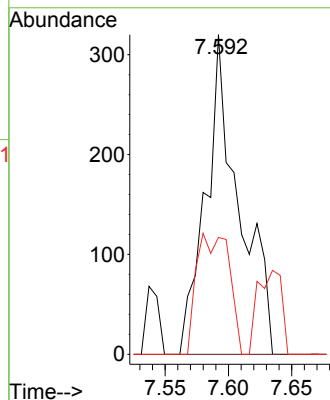
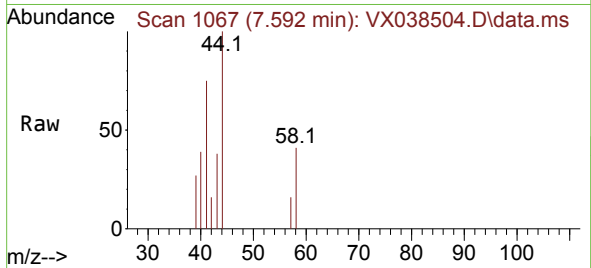




#48
Methyl methacrylate
Concen: 0.223 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. -0.098 min
Lab File: VX038504.D
Acq: 26 Oct 2023 07:30

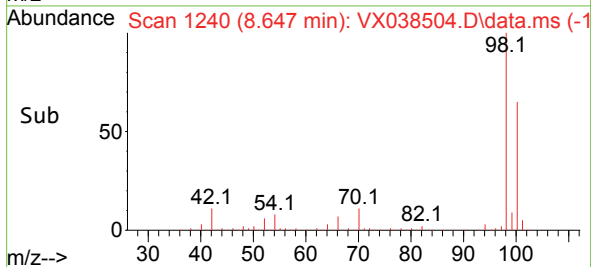
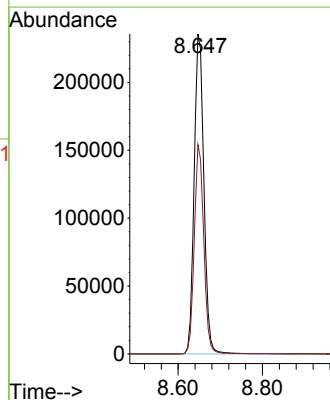
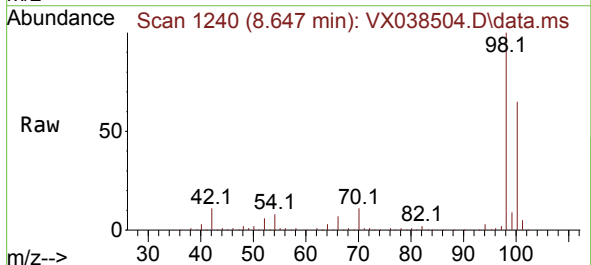
Instrument :
MSVOA_X
ClientSampleId :

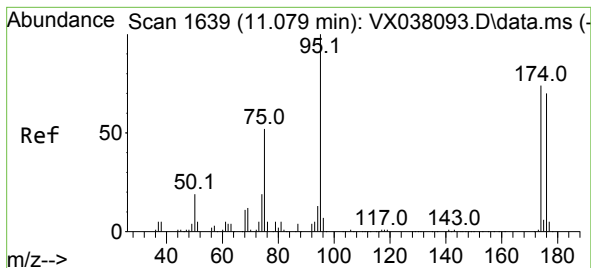
Tgt Ion: 41 Resp: 584
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 37.2 47.7 71.5#



#50
Toluene-d8
Concen: 44.098 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038504.D
Acq: 26 Oct 2023 07:30

Tgt Ion: 98 Resp: 378832
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7

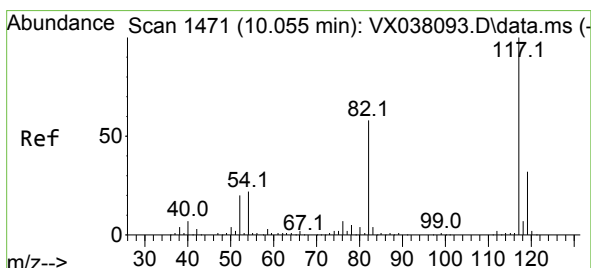
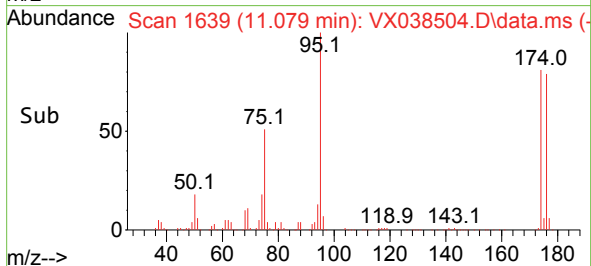
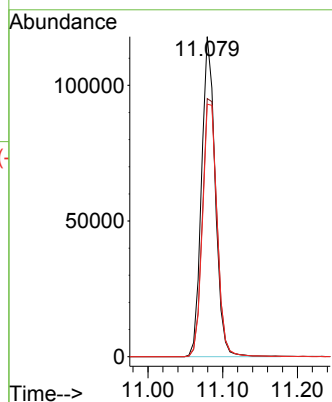
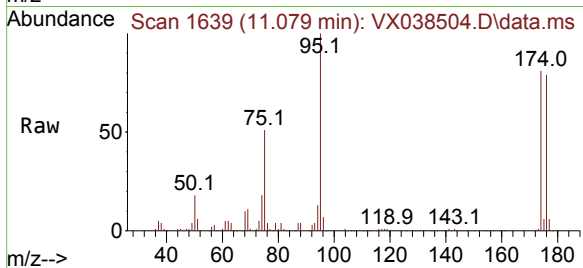




#62
4-Bromofluorobenzene
Concen: 46.024 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038504.D
Acq: 26 Oct 2023 07:30

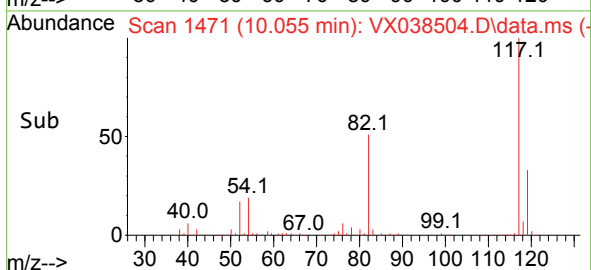
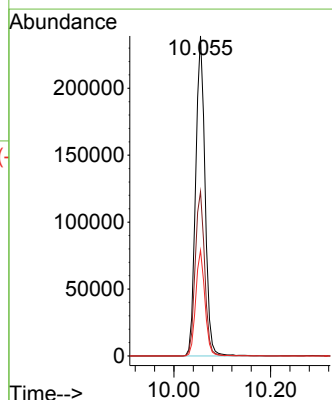
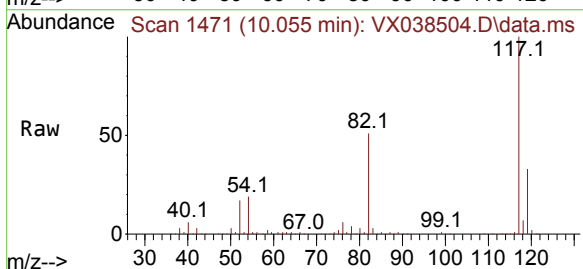
Instrument :
MSVOA_X
ClientSampleId :

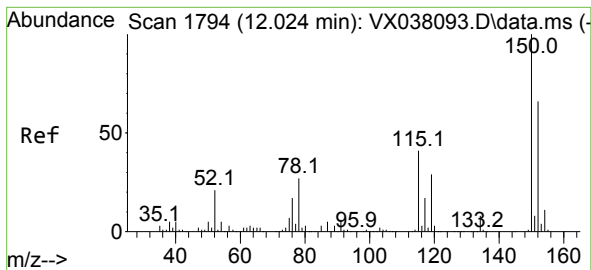
Tgt Ion: 95 Resp: 149891
Ion Ratio Lower Upper
95 100
174 86.0 0.0 135.6
176 84.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038504.D
Acq: 26 Oct 2023 07:30

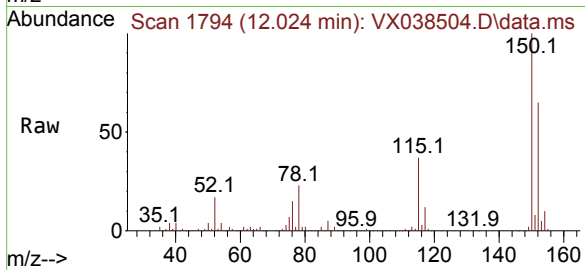
Tgt Ion: 117 Resp: 321211
Ion Ratio Lower Upper
117 100
82 51.4 46.2 69.4
119 33.0 25.5 38.3



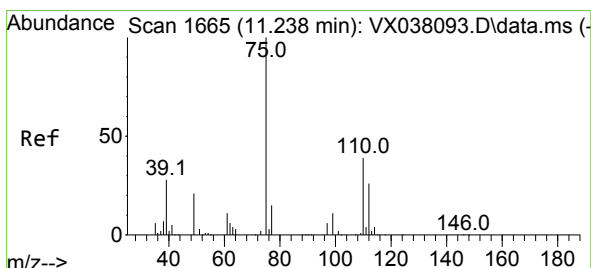
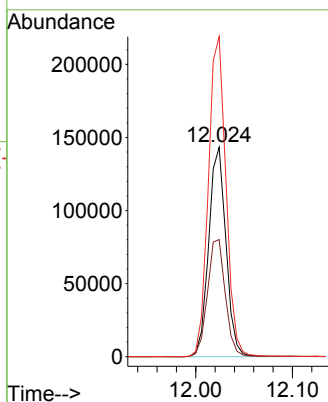
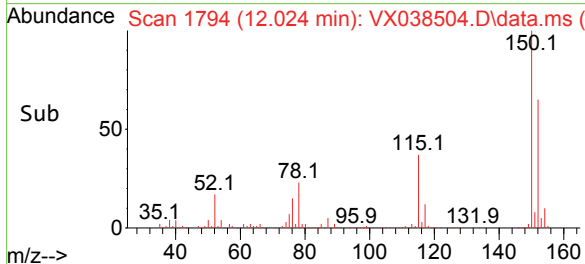


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038504.D
Acq: 26 Oct 2023 07:30

Instrument :
MSVOA_X
ClientSampleId :

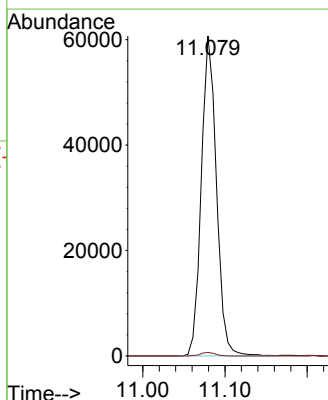
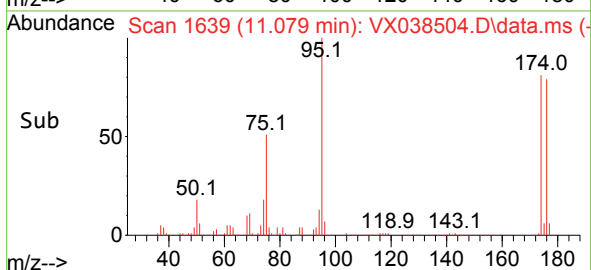
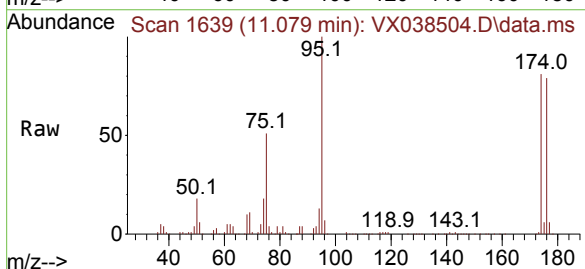


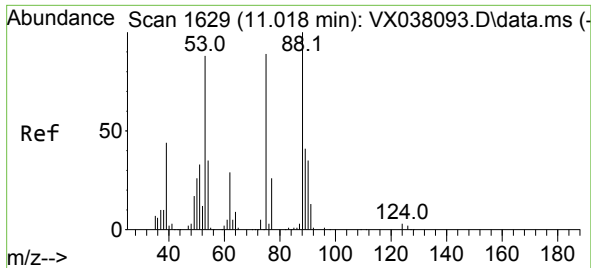
Tgt Ion:152 Resp: 178161
Ion Ratio Lower Upper
152 100
115 58.1 43.3 129.9
150 155.8 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 19.233 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038504.D
Acq: 26 Oct 2023 07:30

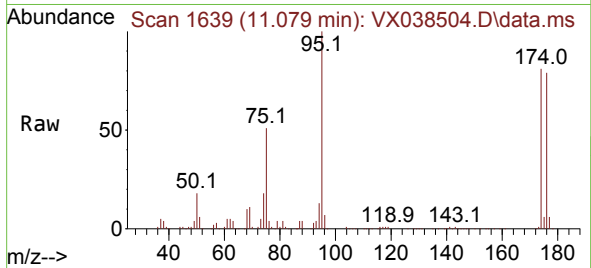
Tgt Ion: 75 Resp: 77900
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.663 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX038504.D
 Acq: 26 Oct 2023 07:30

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 77900
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

