

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102623\
 Data File : VX038527.D
 Acq On : 26 Oct 2023 18:52
 Operator : JC/MD
 Sample : 05065-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 27 05:21:35 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)

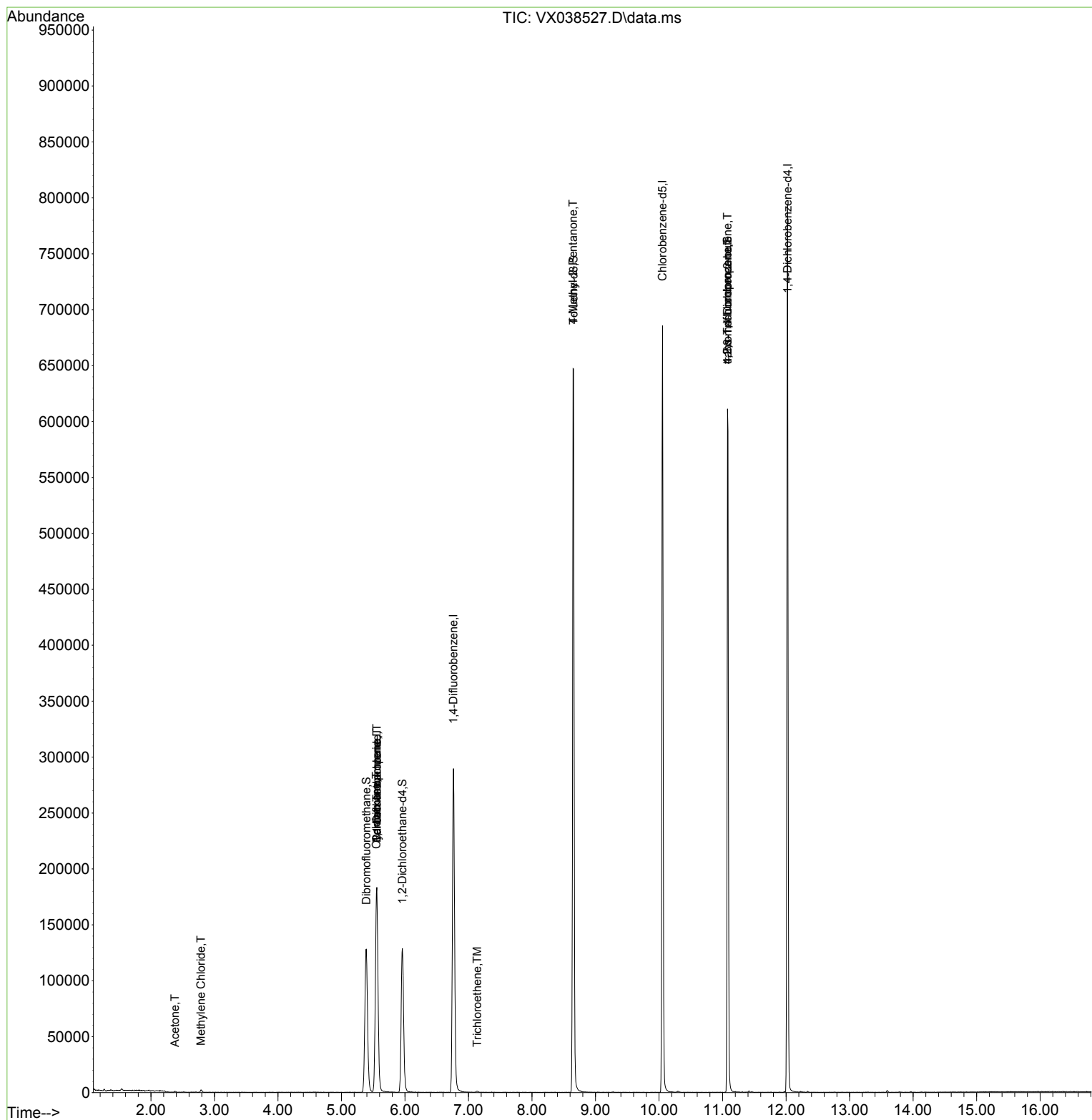
Internal Standards						
1) Pentafluorobenzene	5.556	168	183265	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	310062	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	321191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	125899	42.711	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.420%		
35) Dibromofluoromethane	5.391	113	114299	51.159	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.320%		
50) Toluene-d8	8.653	98	412397	48.305	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.600%		
62) 4-Bromofluorobenzene	11.079	95	165241	51.054	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.100%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	59	Below Cal	#	3
6) Chloroethane	1.672	64	101	Below Cal	#	43
16) Acetone	2.380	43	790	0.642	ug/l	100
20) Methylene Chloride	2.788	84	1048	0.453	ug/l	93
31) Cyclohexane	5.550	56	3572	1.118	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	13136	4.264	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	18259	6.024	ug/l	# 14
44) Trichloroethene	7.135	130	560	0.248	ug/l	92
51) 4-Methyl-2-Pentanone	8.647	43	1617	0.429	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	84804	21.373	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	84804	61.408	ug/l	# 5

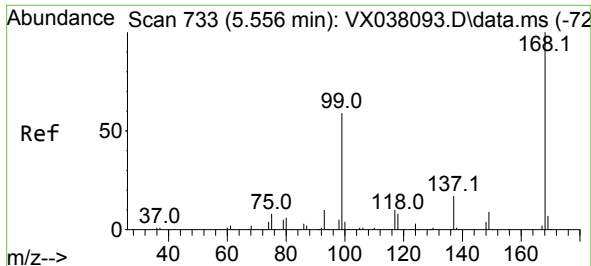
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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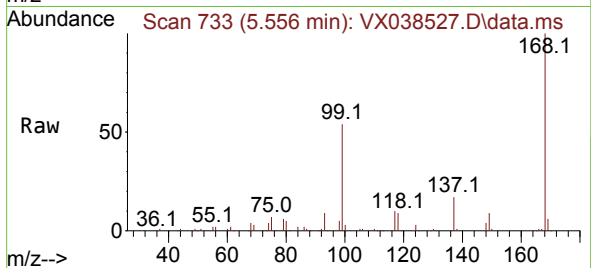
Quant Time: Oct 27 05:21:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



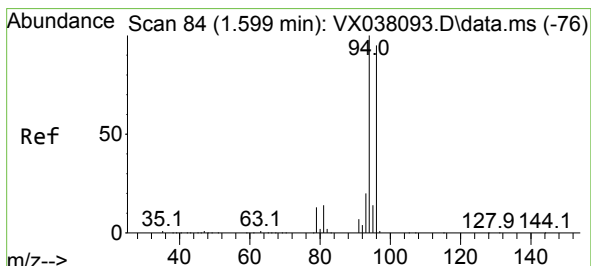
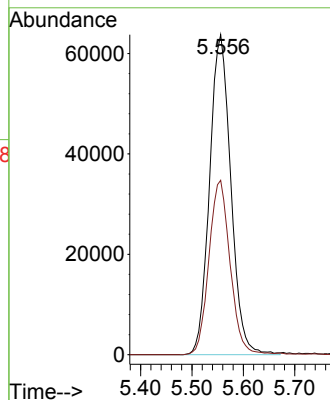
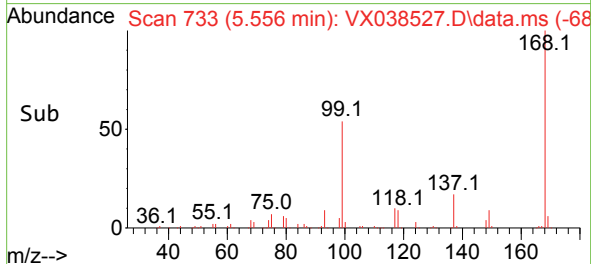


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038527.D
Acq: 26 Oct 2023 18:52

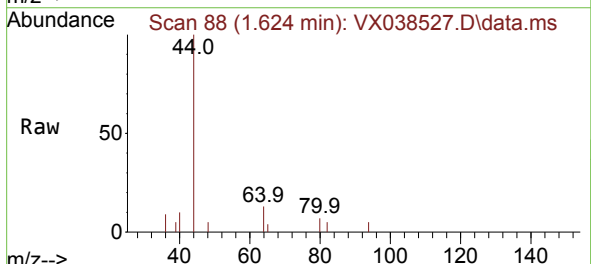
Instrument :
MSVOA_X
ClientSampleId :



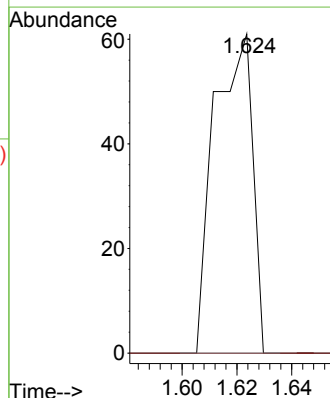
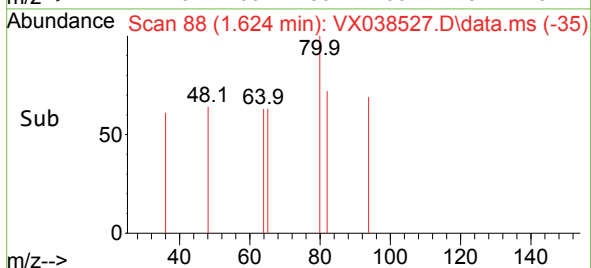
Tgt Ion:168 Resp: 183265
Ion Ratio Lower Upper
168 100
99 54.5 56.6 85.0#

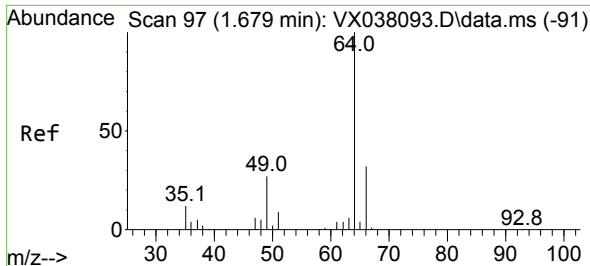


#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX038527.D
Acq: 26 Oct 2023 18:52



Tgt Ion: 94 Resp: 59
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

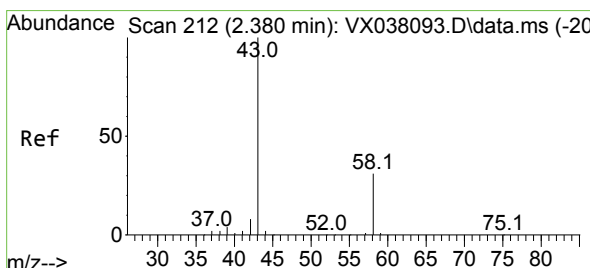
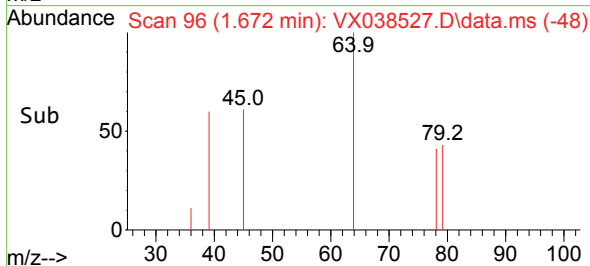
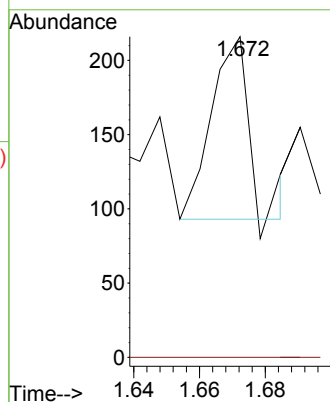
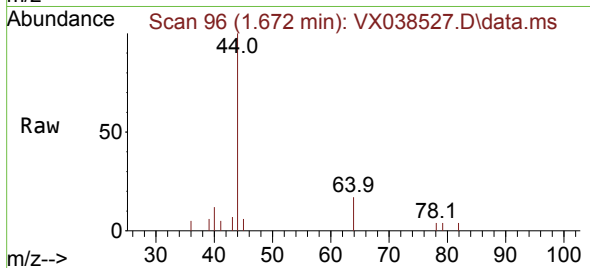




#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 91
Delta R.T. -0.007 min
Lab File: VX038527.D
Acq: 26 Oct 2023 18:52

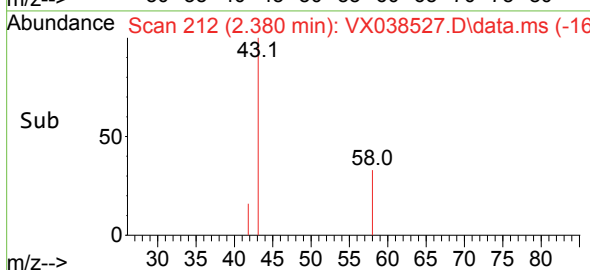
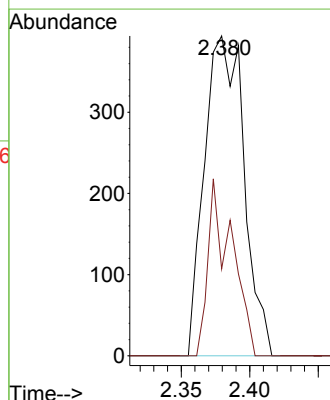
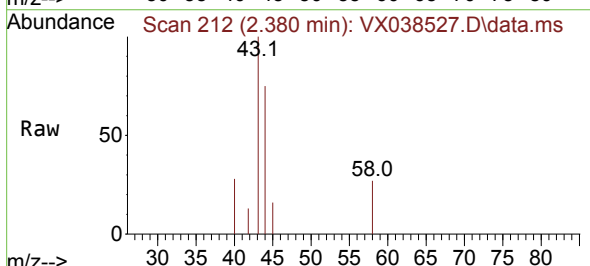
Instrument :
MSVOA_X
ClientSampleId :

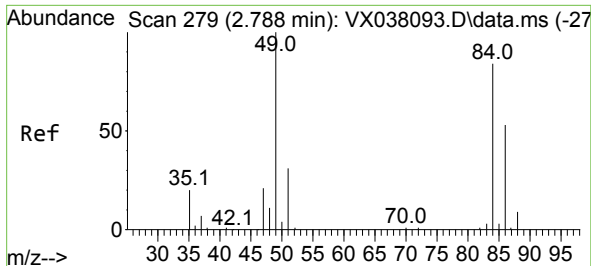
Tgt Ion: 64 Resp: 101
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 0.642 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038527.D
Acq: 26 Oct 2023 18:52

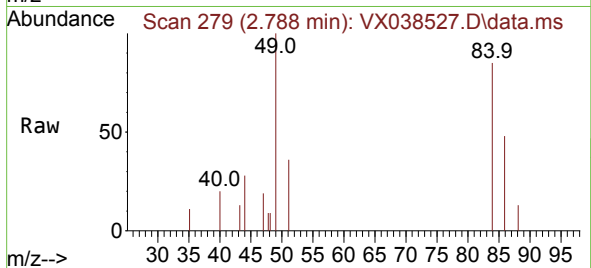
Tgt Ion: 43 Resp: 790
Ion Ratio Lower Upper
43 100
58 27.2 21.9 32.9



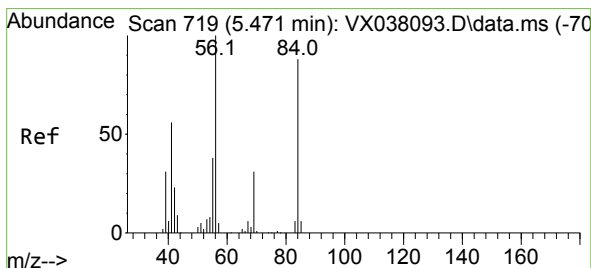
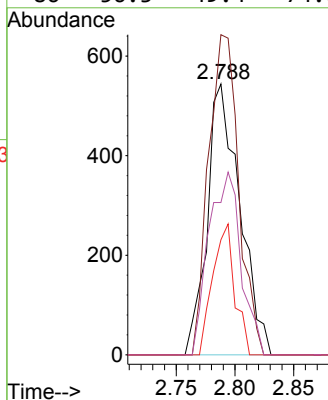
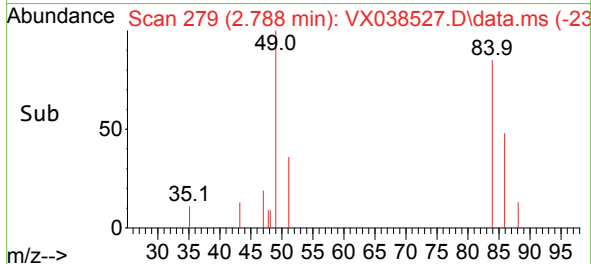


#20
Methylene Chloride
Concen: 0.453 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038527.D
Acq: 26 Oct 2023 18:52

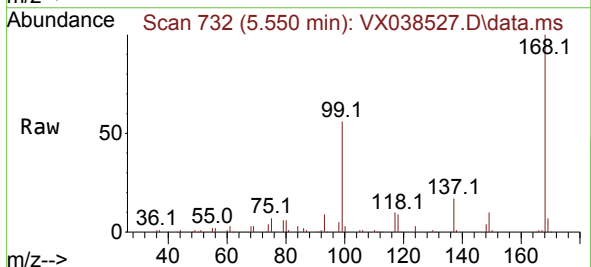
Instrument :
MSVOA_X
ClientSampleId :



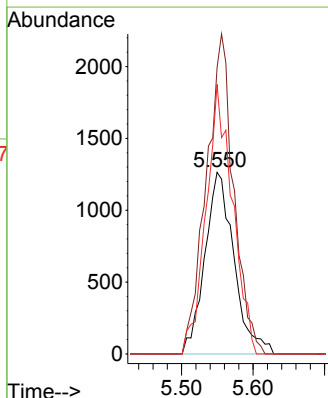
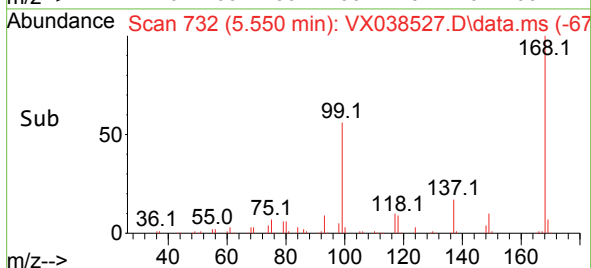
Tgt Ion:	84	Resp:	1048
Ion	Ratio	Lower	Upper
84	100		
49	118.2	103.6	155.4
51	42.5	33.8	50.6
86	56.3	49.4	74.0

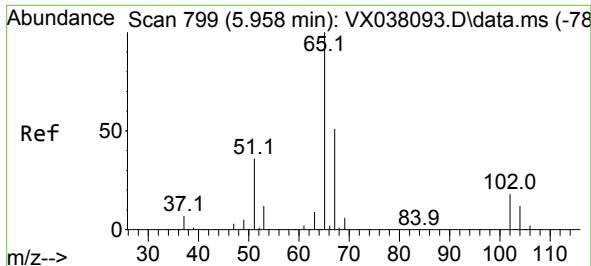


#31
Cyclohexane
Concen: 1.118 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX038527.D
Acq: 26 Oct 2023 18:52



Tgt Ion:	56	Resp:	3572
Ion	Ratio	Lower	Upper
56	100		
69	157.7	23.4	35.2#
84	148.4	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 42.711 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038527.D

Acq: 26 Oct 2023 18:52

Instrument :

MSVOA_X

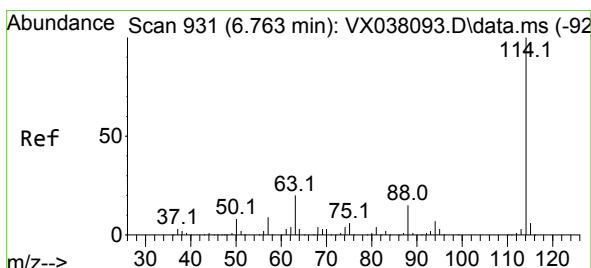
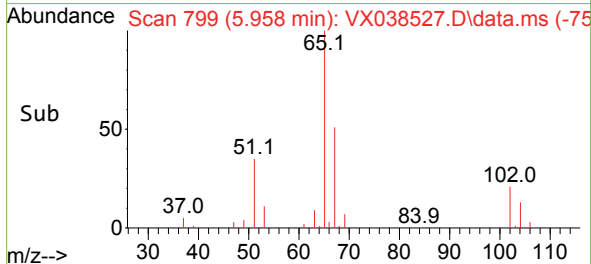
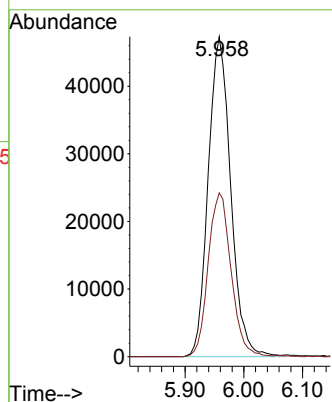
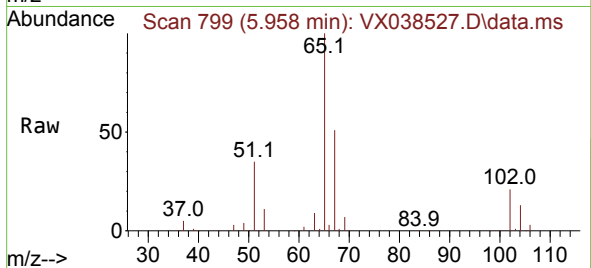
ClientSampleId :

Tgt Ion: 65 Resp: 125899

Ion Ratio Lower Upper

65 100

67 52.2 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: VX038527.D

Acq: 26 Oct 2023 18:52

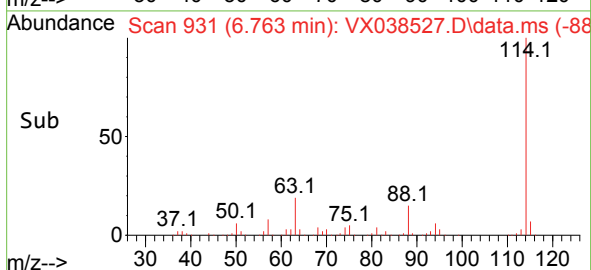
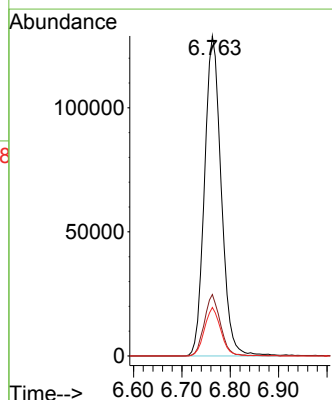
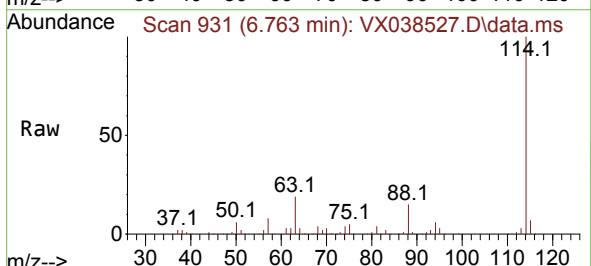
Tgt Ion: 114 Resp: 310062

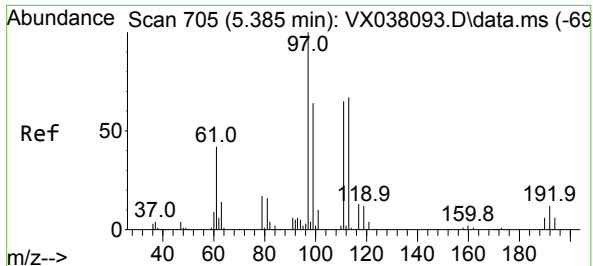
Ion Ratio Lower Upper

114 100

63 19.2 0.0 45.0

88 15.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 51.159 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

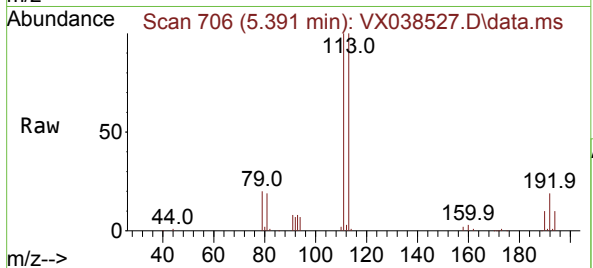
Lab File: VX038527.D

Acq: 26 Oct 2023 18:52

Instrument :

MSVOA_X

ClientSampleId :



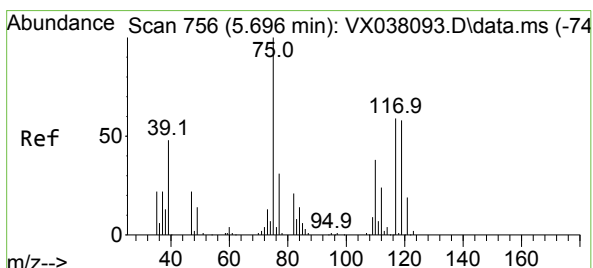
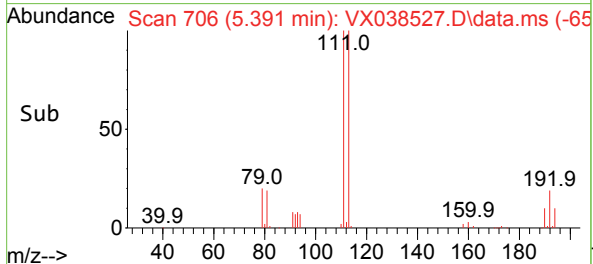
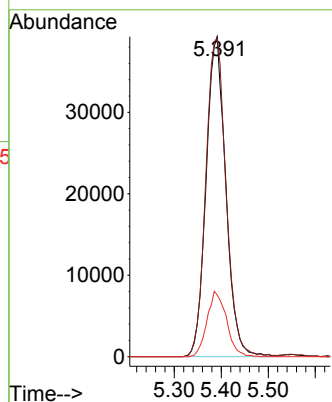
Tgt Ion:113 Resp: 114299

Ion Ratio Lower Upper

113 100

111 102.0 82.9 124.3

192 20.2 13.3 19.9#



#36

1,1-Dichloropropene

Concen: 4.264 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX038527.D

Acq: 26 Oct 2023 18:52

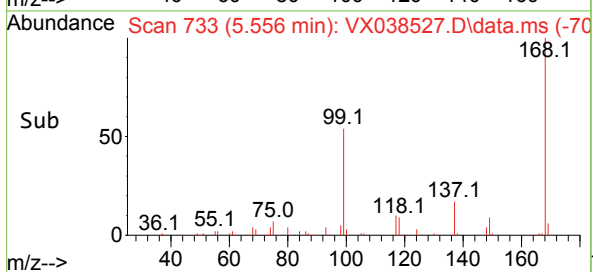
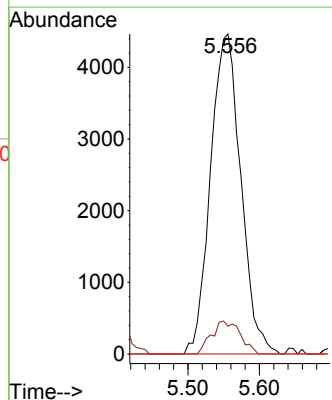
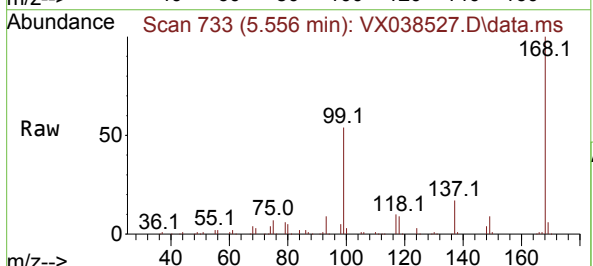
Tgt Ion: 75 Resp: 13136

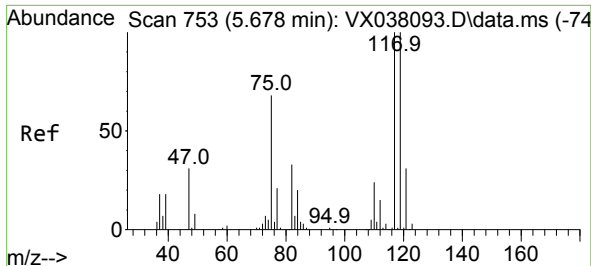
Ion Ratio Lower Upper

75 100

110 9.7 17.0 50.9#

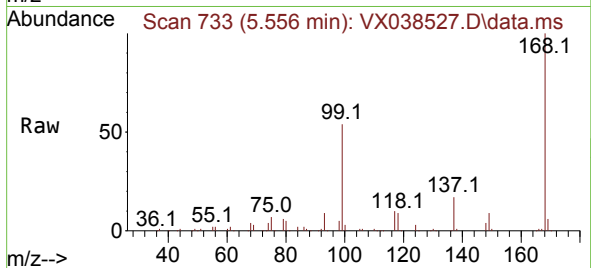
77 0.0 24.7 37.1#



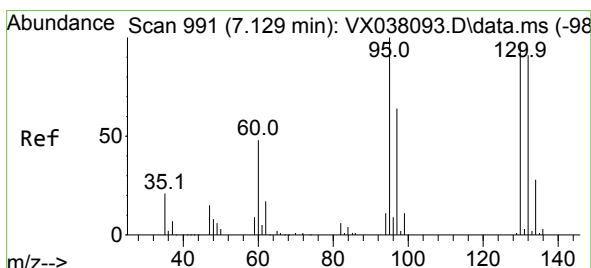
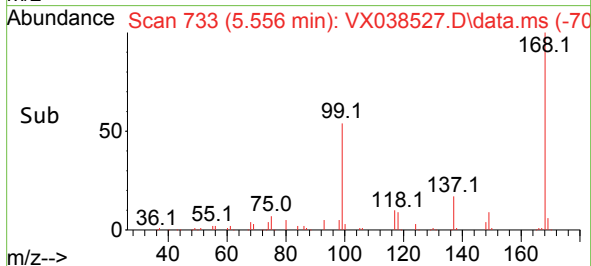
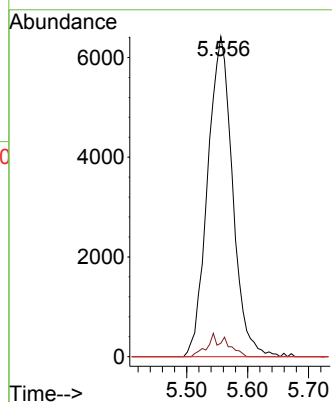


#38
Carbon Tetrachloride
Concen: 6.024 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX038527.D
Acq: 26 Oct 2023 18:52

Instrument :
MSVOA_X
ClientSampleId :

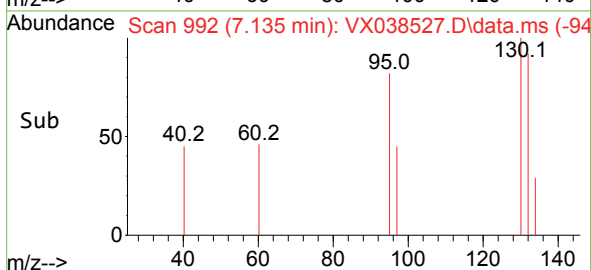
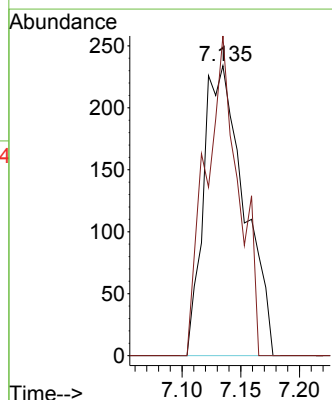
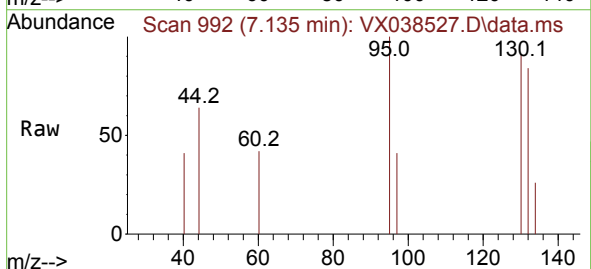


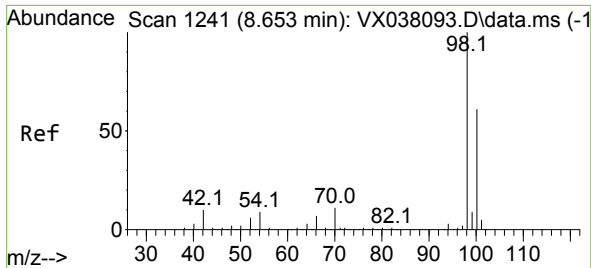
Tgt Ion:117 Resp: 18259
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.248 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX038527.D
Acq: 26 Oct 2023 18:52

Tgt Ion:130 Resp: 560
Ion Ratio Lower Upper
130 100
95 110.3 0.0 204.4

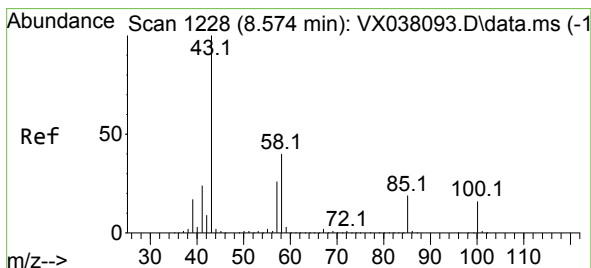
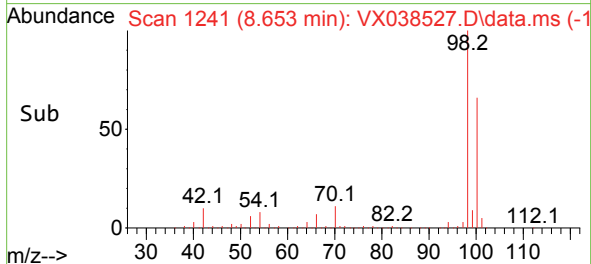
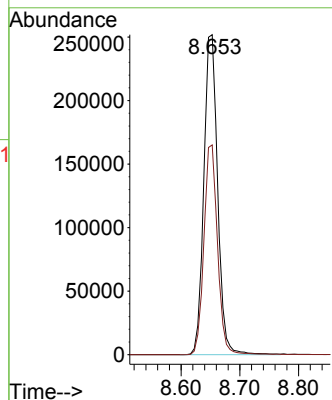
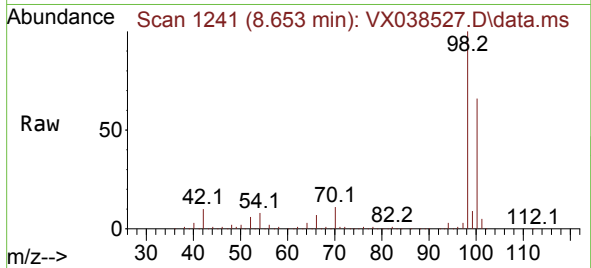




#50
Toluene-d8
Concen: 48.305 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038527.D
Acq: 26 Oct 2023 18:52

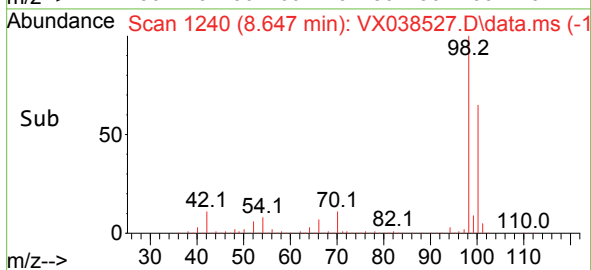
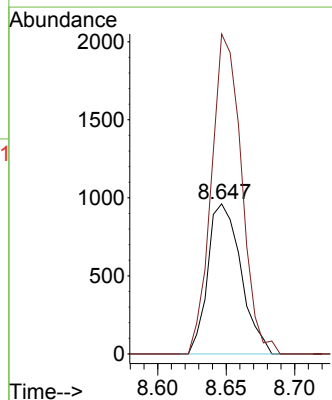
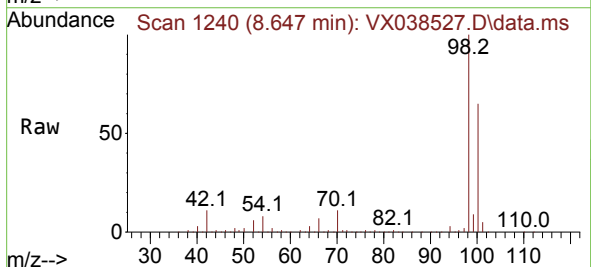
Instrument :
MSVOA_X
ClientSampleId :

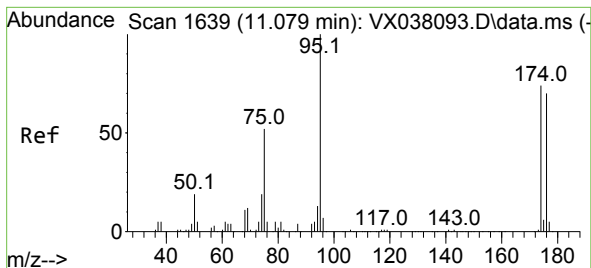
Tgt Ion: 98 Resp: 412397
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.429 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038527.D
Acq: 26 Oct 2023 18:52

Tgt Ion: 43 Resp: 1617
Ion Ratio Lower Upper
43 100
58 193.8 30.4 45.6#

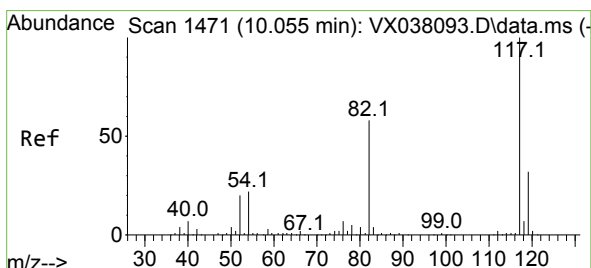
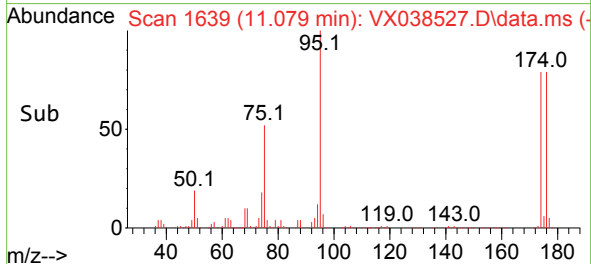
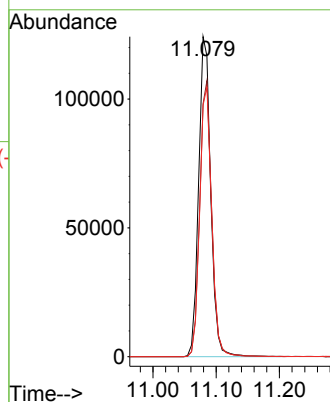
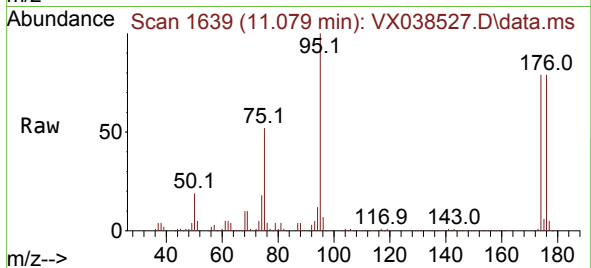




#62
4-Bromofluorobenzene
Concen: 51.054 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038527.D
Acq: 26 Oct 2023 18:52

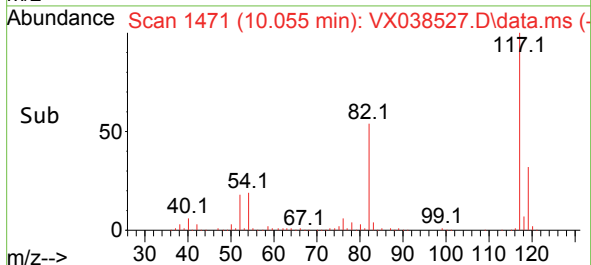
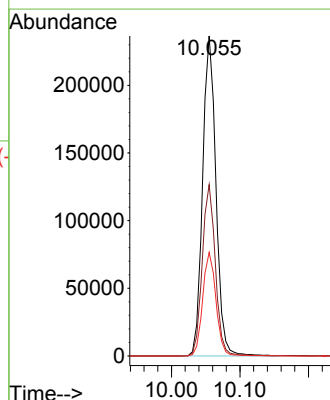
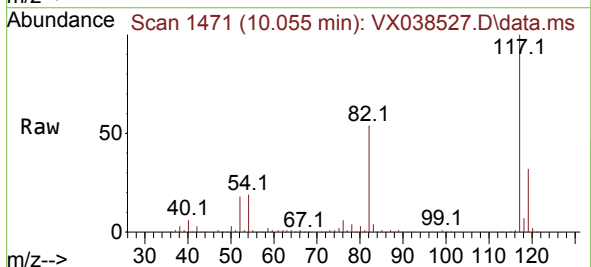
Instrument :
MSVOA_X
ClientSampleId :

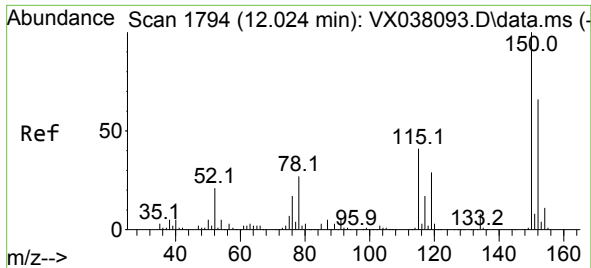
Tgt Ion: 95 Resp: 165241
Ion Ratio Lower Upper
95 100
174 85.2 0.0 135.6
176 84.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038527.D
Acq: 26 Oct 2023 18:52

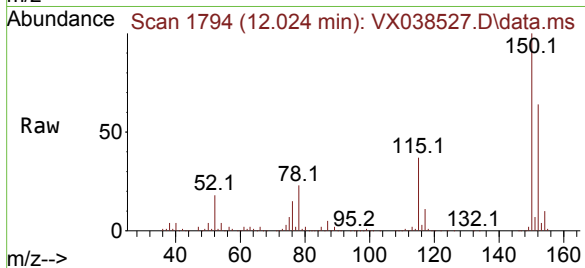
Tgt Ion: 117 Resp: 321191
Ion Ratio Lower Upper
117 100
82 53.5 46.2 69.4
119 32.3 25.5 38.3



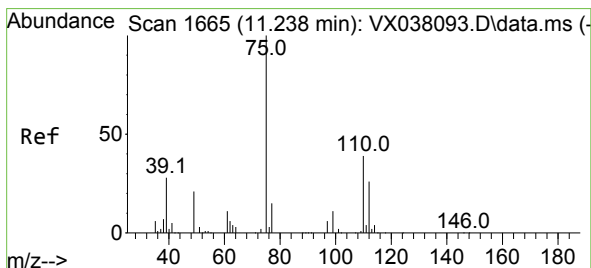
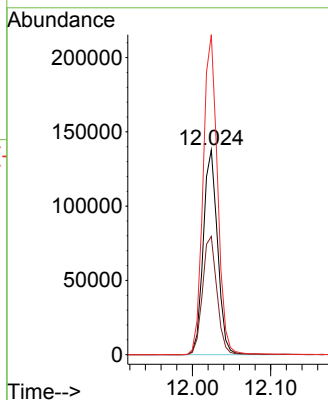
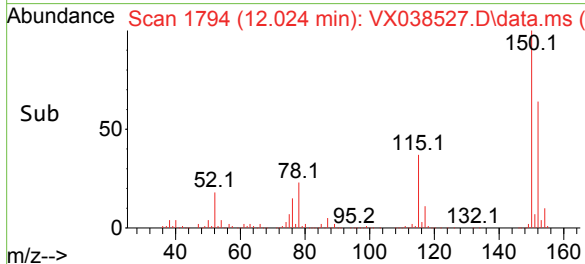


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038527.D
 Acq: 26 Oct 2023 18:52

Instrument :
 MSVOA_X
 ClientSampleId :

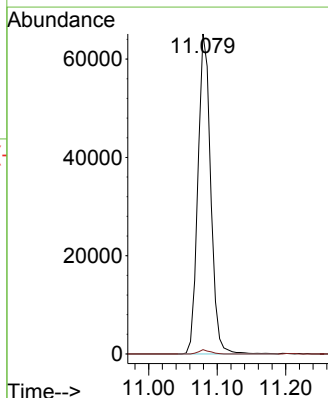
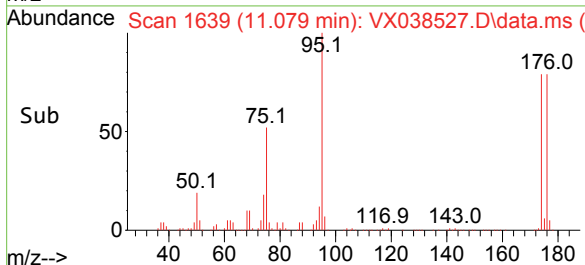
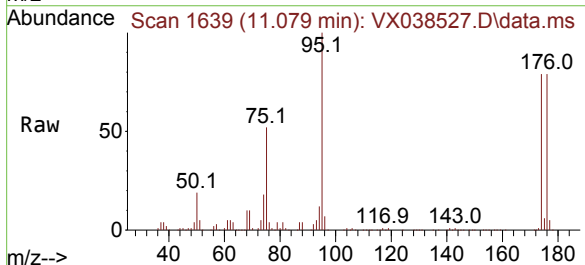


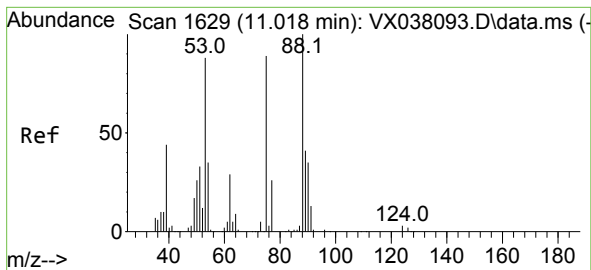
Tgt Ion:152 Resp: 174532
 Ion Ratio Lower Upper
 152 100
 115 58.9 43.3 129.9
 150 157.6 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 21.373 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038527.D
 Acq: 26 Oct 2023 18:52

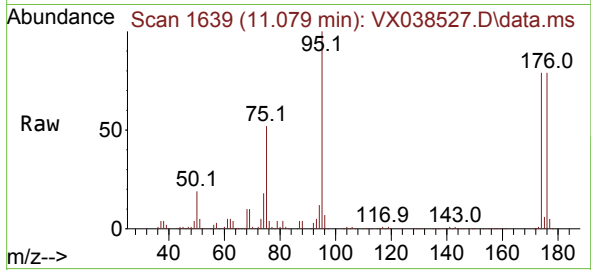
Tgt Ion: 75 Resp: 84804
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.408 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038527.D
 Acq: 26 Oct 2023 18:52

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 84804
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

