

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102623\
 Data File : VX038529.D
 Acq On : 26 Oct 2023 19:38
 Operator : JC/MD
 Sample : 05097-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 27 05:22:19 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)

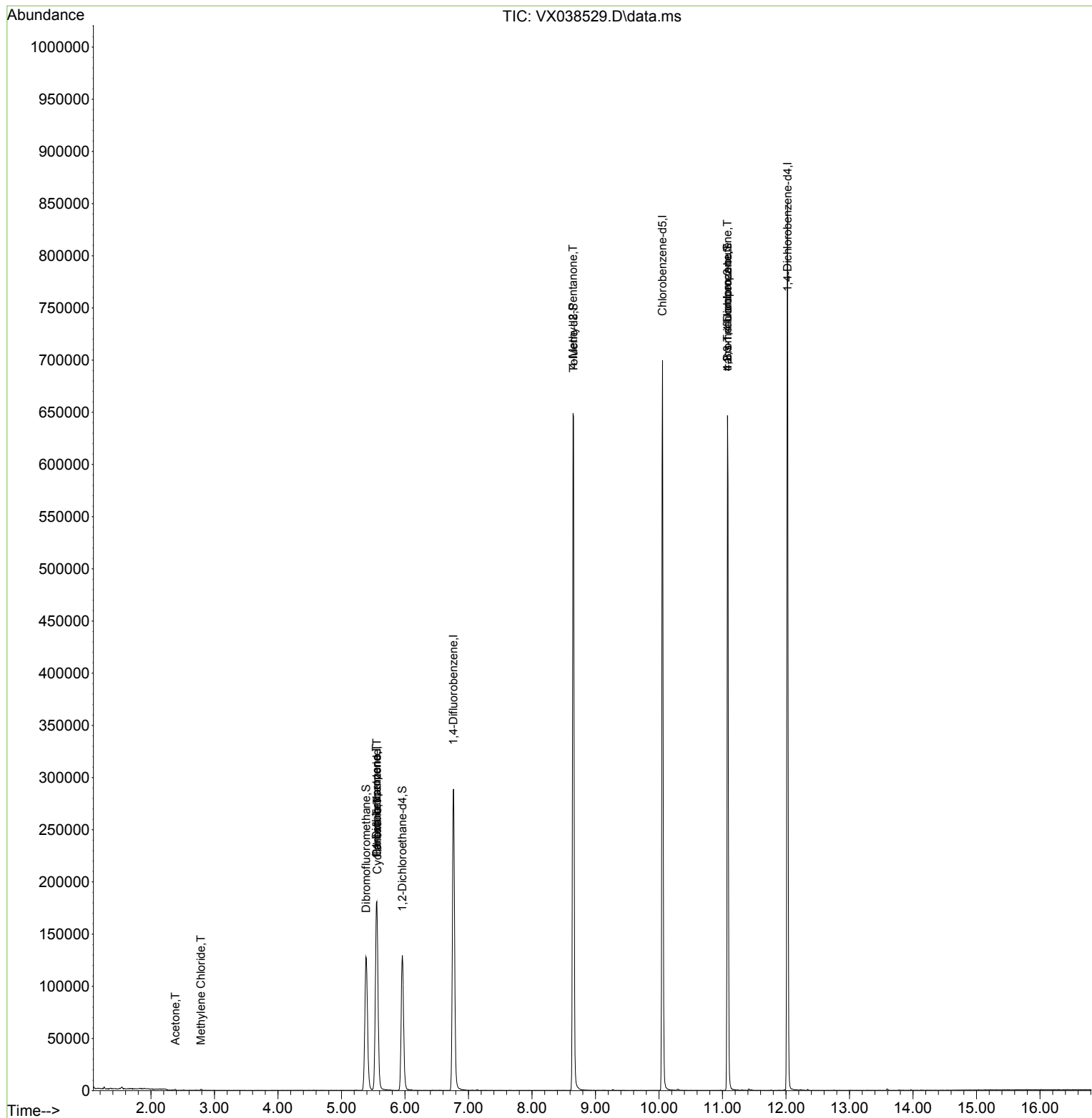
Internal Standards						
1) Pentafluorobenzene	5.556	168	184947	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	313764	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	329156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	184816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	124908	41.989	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.980%
35) Dibromofluoromethane	5.385	113	113567	50.232	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.460%
50) Toluene-d8	8.653	98	414486	47.977	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.960%
62) 4-Bromofluorobenzene	11.079	95	167896	51.262	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.520%
Target Compounds						
					Qvalue	
5) Bromomethane	1.538	94	40	Below Cal	#	3
6) Chloroethane	1.673	64	22	Below Cal	#	43
16) Acetone	2.386	43	869	0.700	ug/l	99
20) Methylene Chloride	2.788	84	523	0.224	ug/l	# 69
31) Cyclohexane	5.562	56	3601	1.117	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	12954	4.155	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	17771	5.794	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	1638	0.430	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	86134	20.500	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	86134	59.065	ug/l	# 5

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

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Instrument :
MSVOA_X
ClientSampleId :

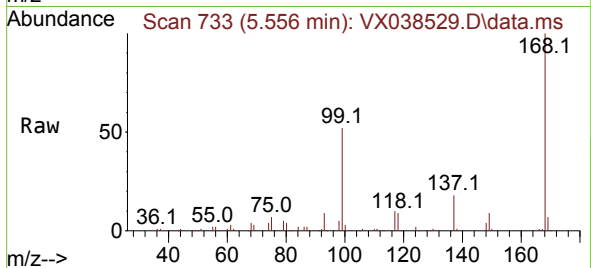
Quant Time: Oct 27 05:22:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



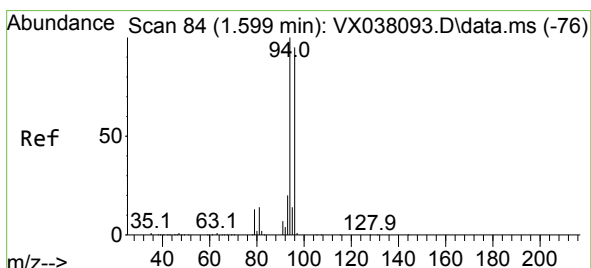
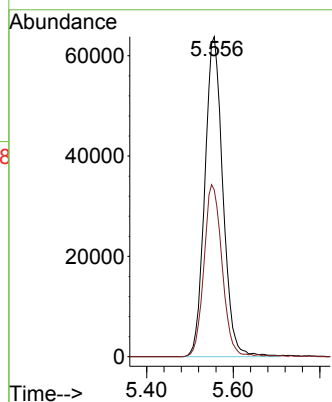
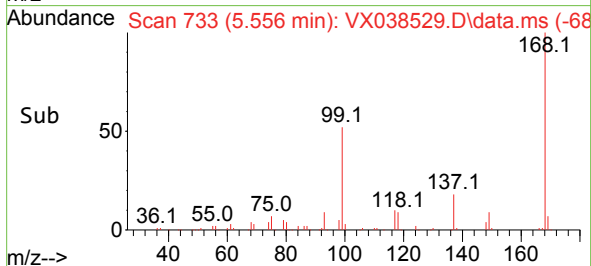


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038529.D
Acq: 26 Oct 2023 19:38

Instrument :
MSVOA_X
ClientSampleId :

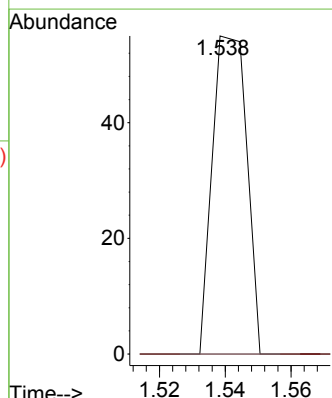
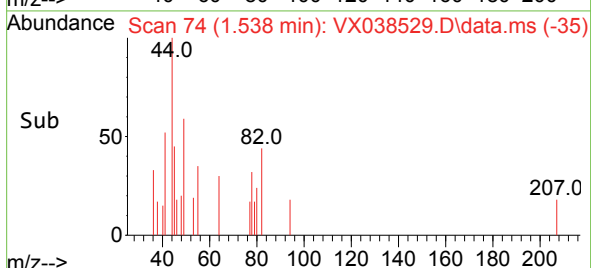
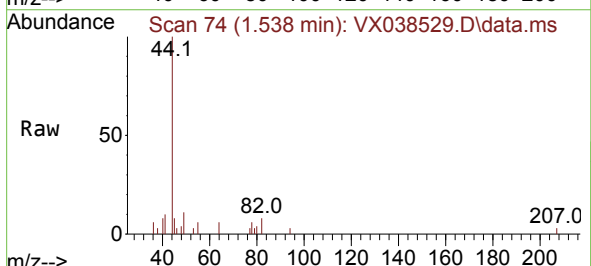


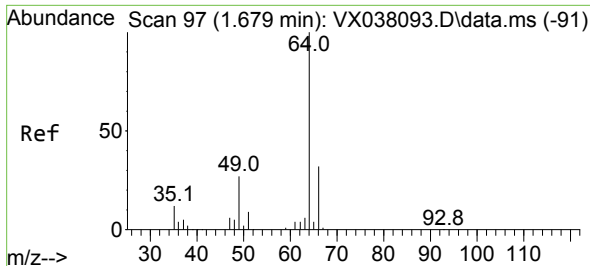
Tgt Ion:168 Resp: 184947
Ion Ratio Lower Upper
168 100
99 52.1 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.538 min Scan# 74
Delta R.T. -0.061 min
Lab File: VX038529.D
Acq: 26 Oct 2023 19:38

Tgt Ion: 94 Resp: 40
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

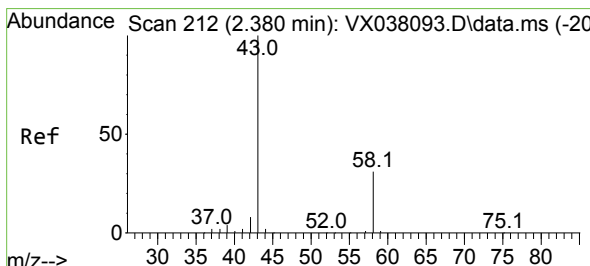
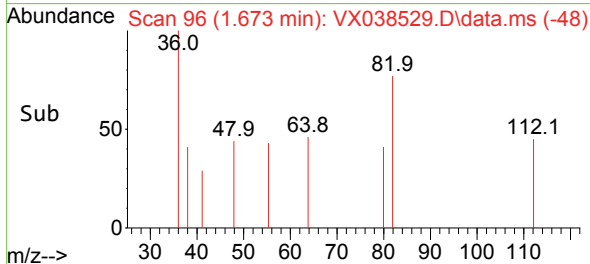
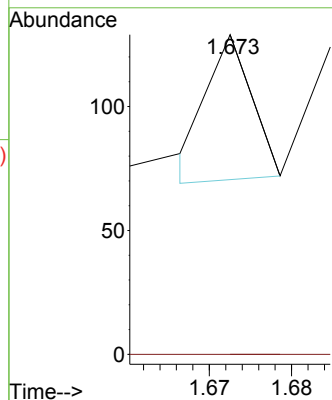
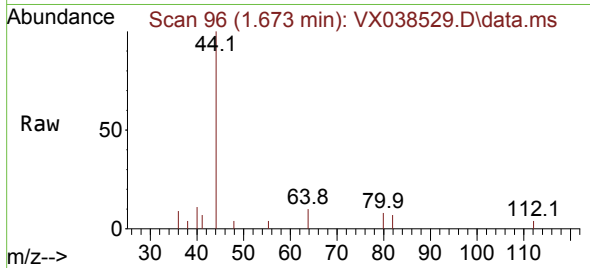




#6
Chloroethane
Concen: Below Cal
RT: 1.673 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX038529.D
Acq: 26 Oct 2023 19:38

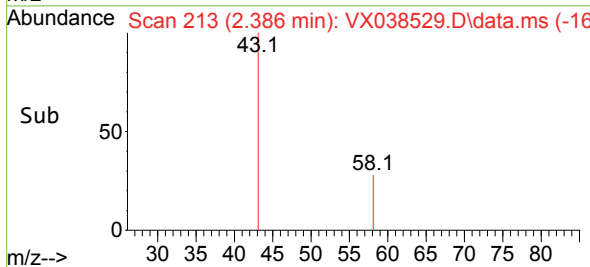
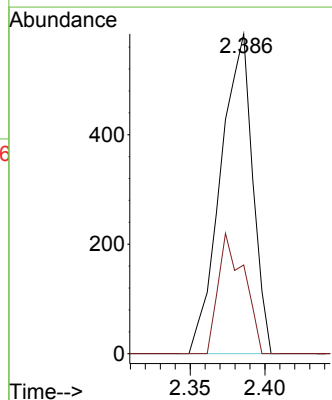
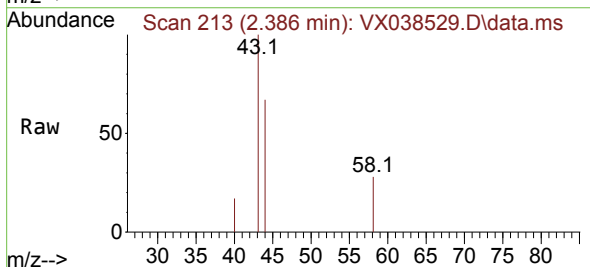
Instrument :
MSVOA_X
ClientSampleId :

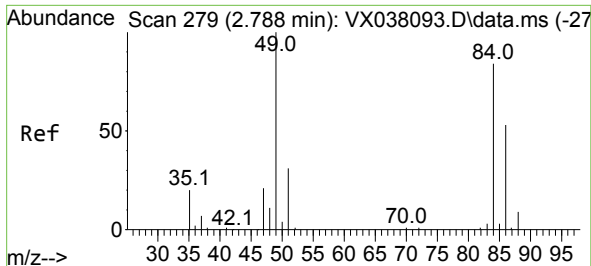
Tgt Ion: 64 Resp: 22
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 0.700 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX038529.D
Acq: 26 Oct 2023 19:38

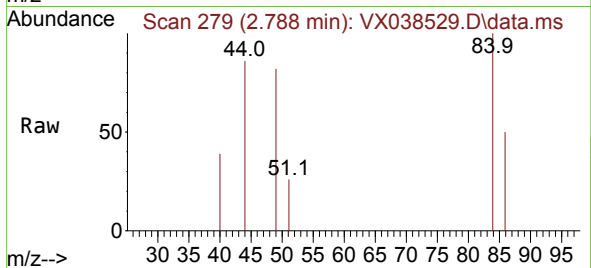
Tgt Ion: 43 Resp: 869
Ion Ratio Lower Upper
43 100
58 27.7 21.9 32.9



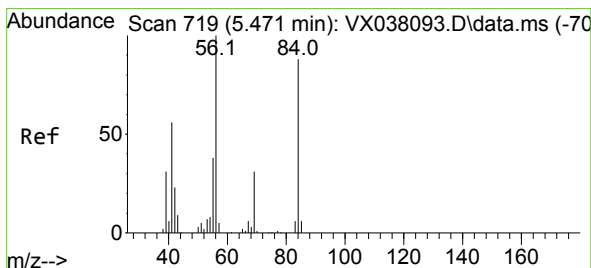
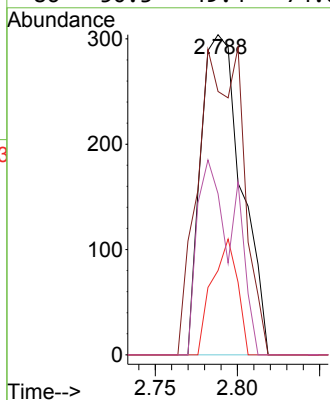
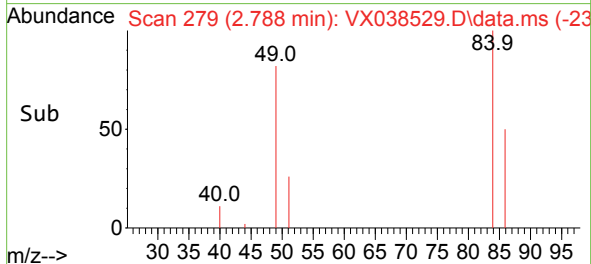


#20
Methylene Chloride
Concen: 0.224 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038529.D
Acq: 26 Oct 2023 19:38

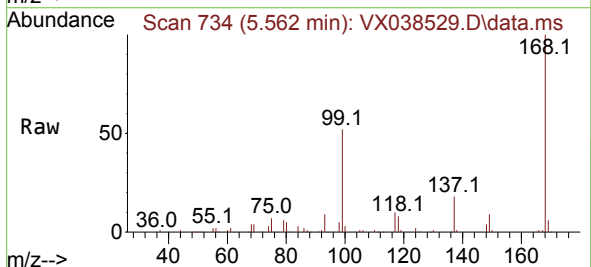
Instrument :
MSVOA_X
ClientSampleId :



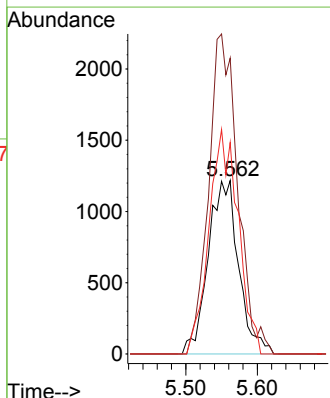
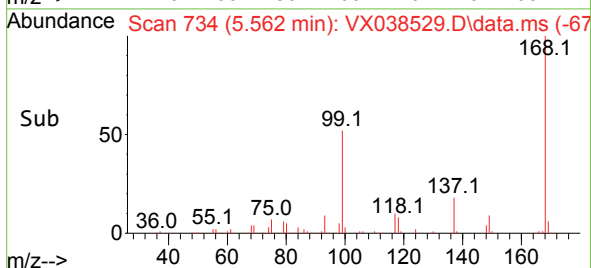
Tgt Ion: 84	Resp: 523
Ion Ratio	Lower Upper
84 100	
49 82.2	103.6 155.4#
51 26.3	33.8 50.6#
86 50.3	49.4 74.0

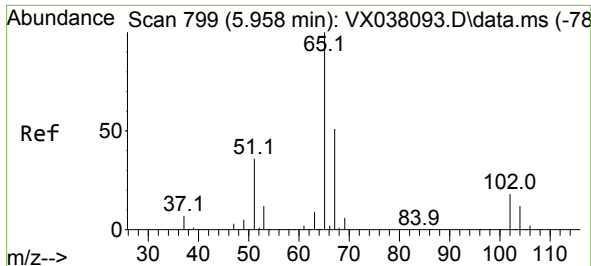


#31
Cyclohexane
Concen: 1.117 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.091 min
Lab File: VX038529.D
Acq: 26 Oct 2023 19:38



Tgt Ion: 56	Resp: 3601
Ion Ratio	Lower Upper
56 100	
69 170.5	23.4 35.2#
84 121.9	65.9 98.9#

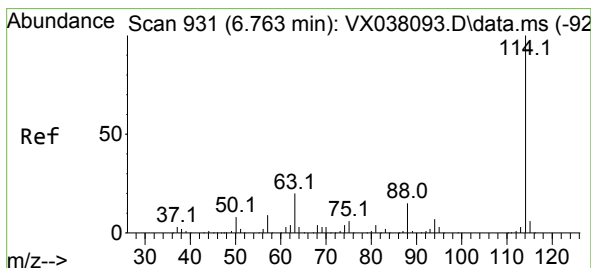
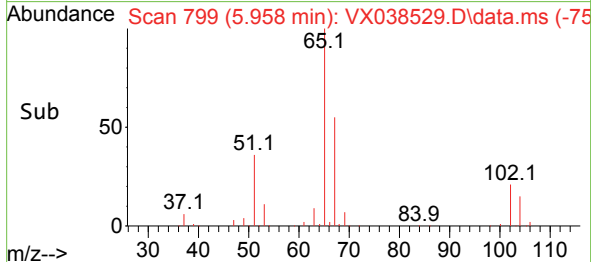
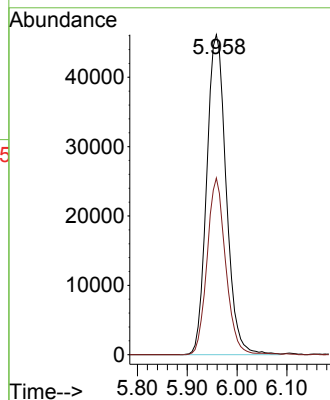
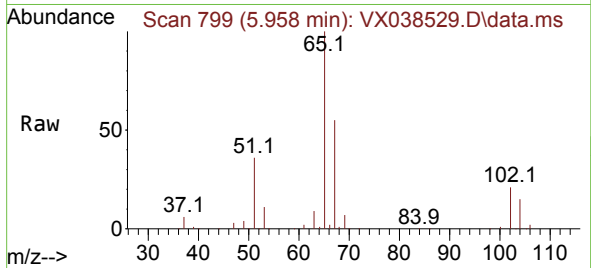




#33
 1,2-Dichloroethane-d4
 Concen: 41.989 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038529.D
 Acq: 26 Oct 2023 19:38

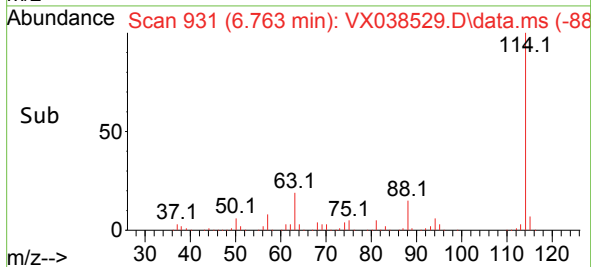
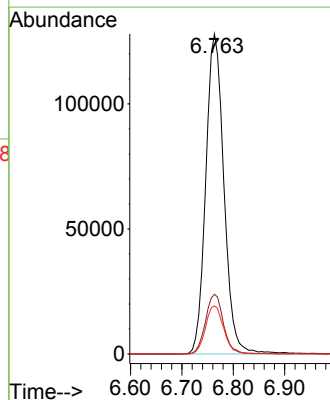
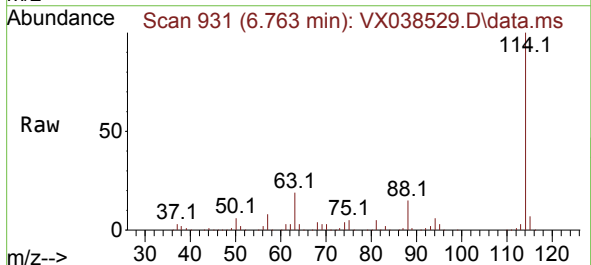
Instrument :
 MSVOA_X
 ClientSampleId :

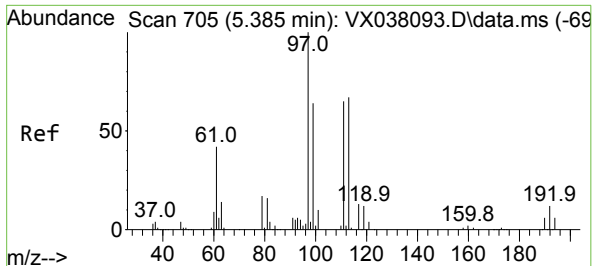
Tgt Ion: 65 Resp: 124908
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038529.D
 Acq: 26 Oct 2023 19:38

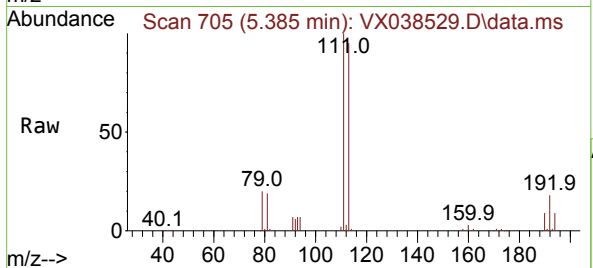
Tgt Ion: 114 Resp: 313764
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 45.0
 88 15.0 0.0 36.6



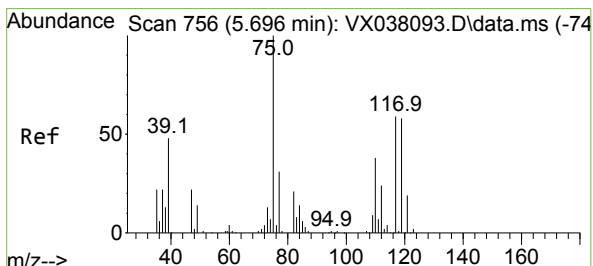
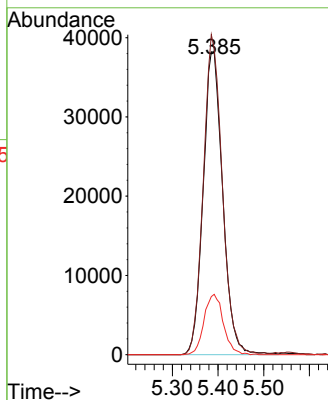
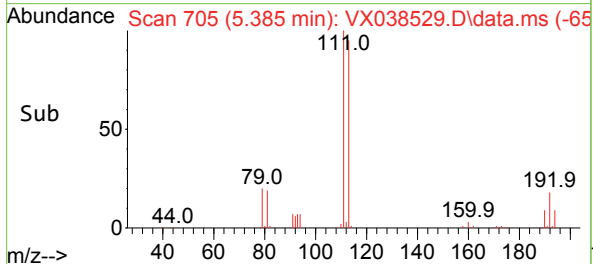


#35
Dibromofluoromethane
Concen: 50.232 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038529.D
Acq: 26 Oct 2023 19:38

Instrument :
MSVOA_X
ClientSampleId :

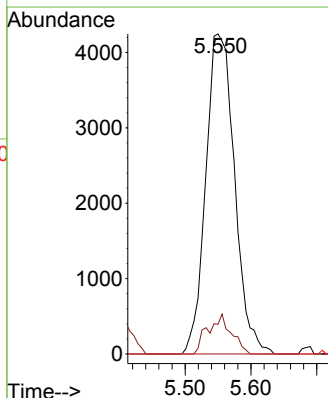
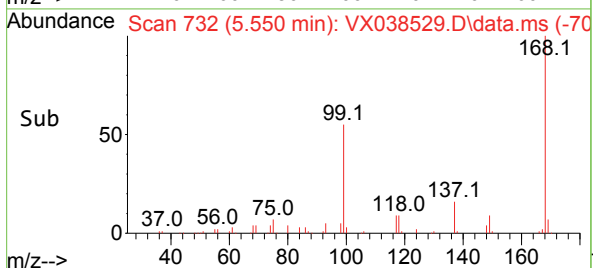
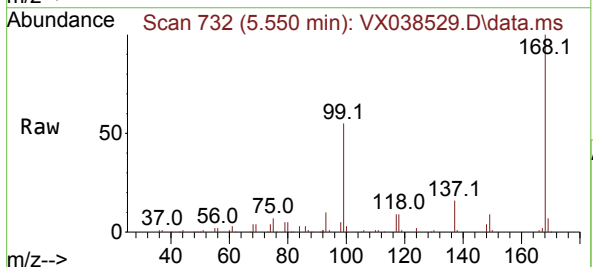


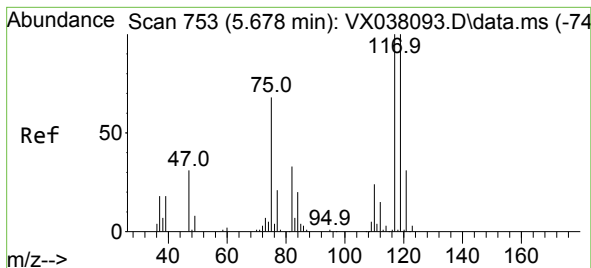
Tgt Ion:113 Resp: 113567
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 19.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.155 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038529.D
Acq: 26 Oct 2023 19:38

Tgt Ion: 75 Resp: 12954
Ion Ratio Lower Upper
75 100
110 10.1 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.794 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.122 min

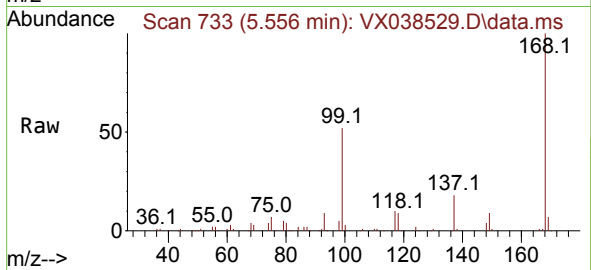
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Acq: 26 Oct 2023 19:38

Instrument :

MSVOA_X

ClientSampleId :



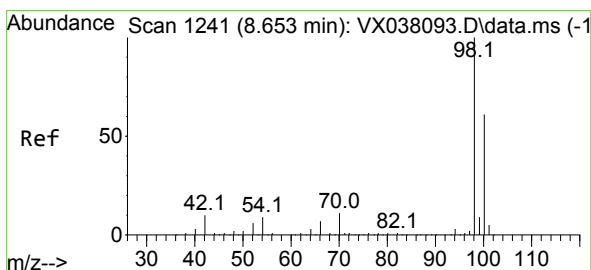
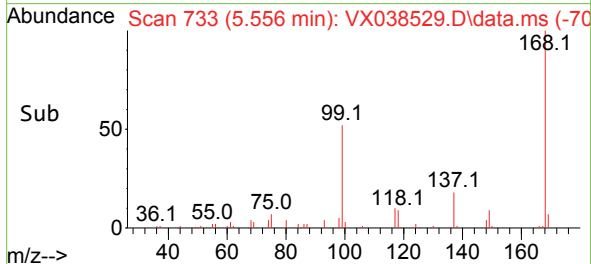
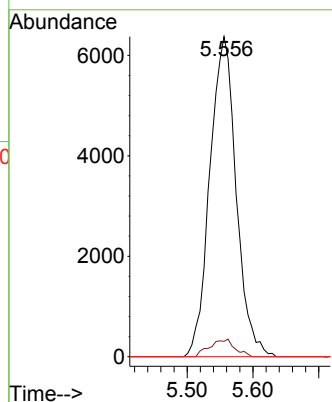
Tgt Ion:117 Resp: 17771

Ion Ratio Lower Upper

117 100

119 4.8 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 47.977 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX038529.D

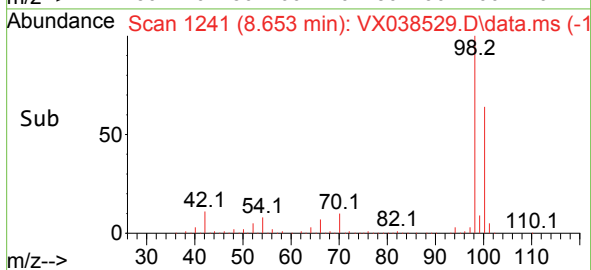
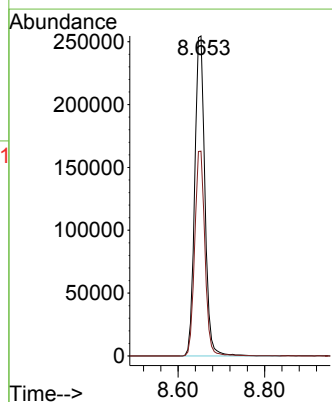
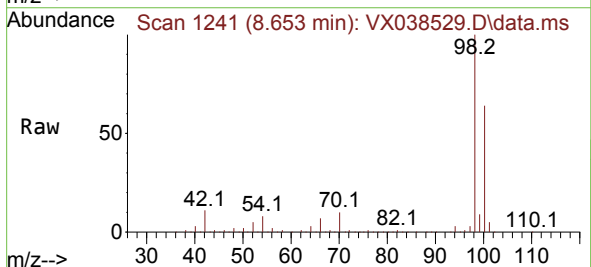
Acq: 26 Oct 2023 19:38

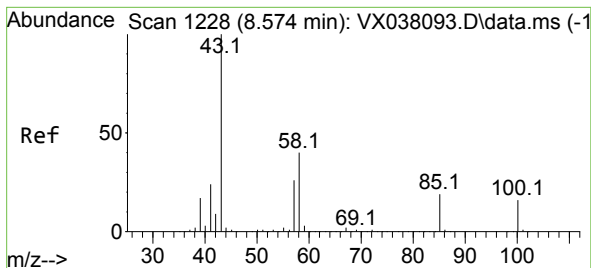
Tgt Ion: 98 Resp: 414486

Ion Ratio Lower Upper

98 100

100 64.3 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.430 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX038529.D

Acq: 26 Oct 2023 19:38

Instrument :

MSVOA_X

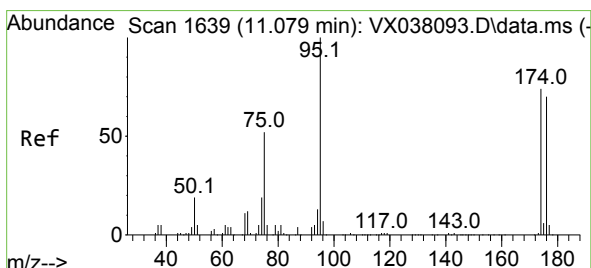
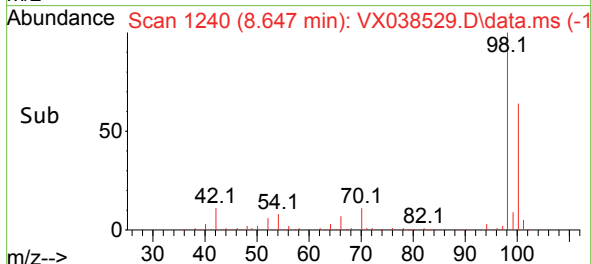
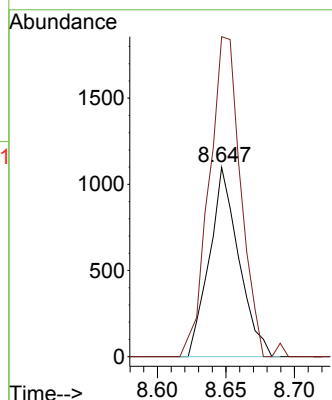
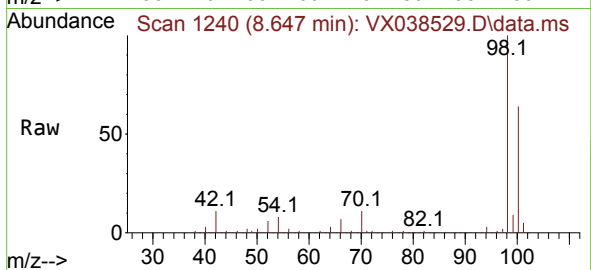
ClientSampleId :

Tgt Ion: 43 Resp: 1638

Ion Ratio Lower Upper

43 100

58 181.0 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 51.262 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038529.D

Acq: 26 Oct 2023 19:38

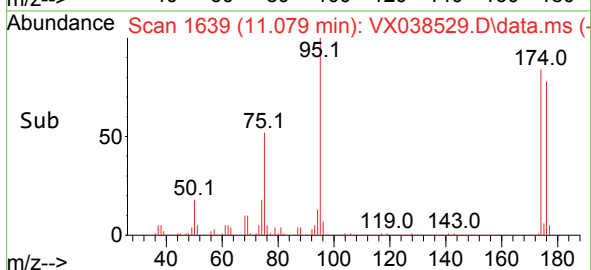
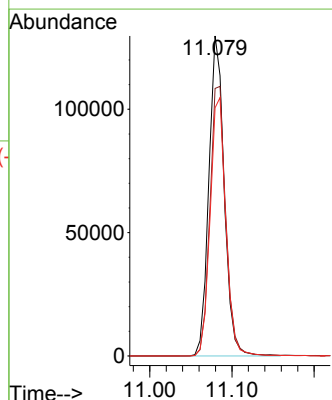
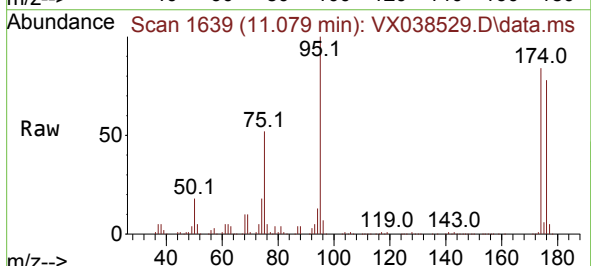
Tgt Ion: 95 Resp: 167896

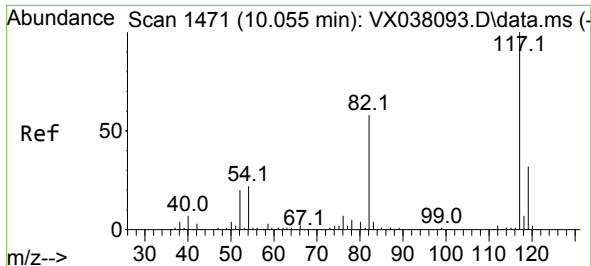
Ion Ratio Lower Upper

95 100

174 87.8 0.0 135.6

176 83.1 0.0 131.0

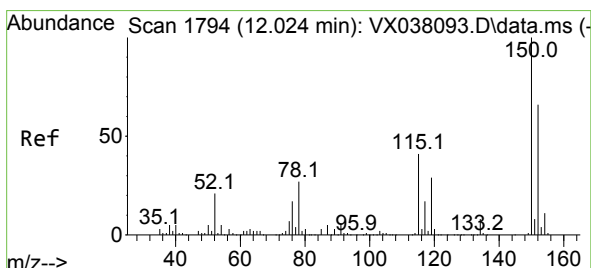
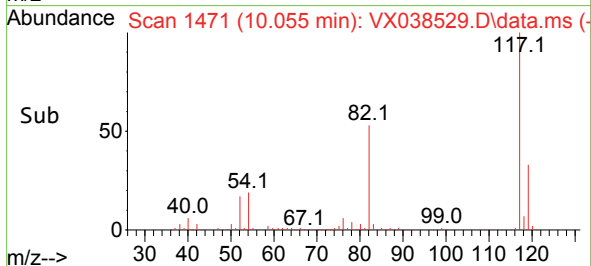
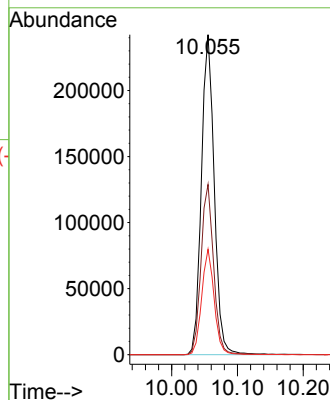
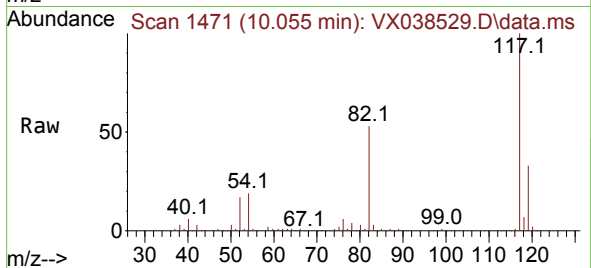




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038529.D
Acq: 26 Oct 2023 19:38

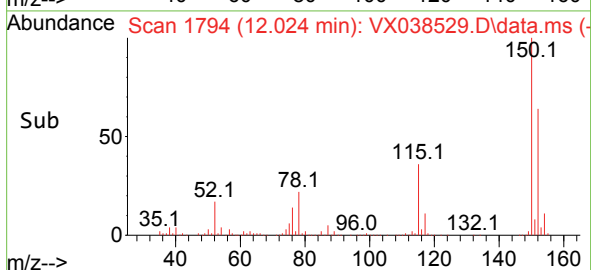
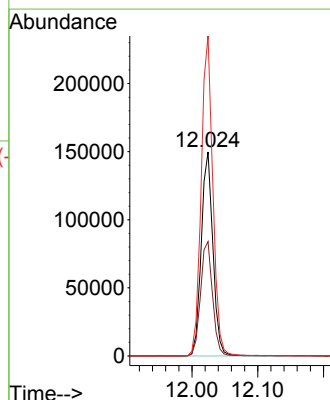
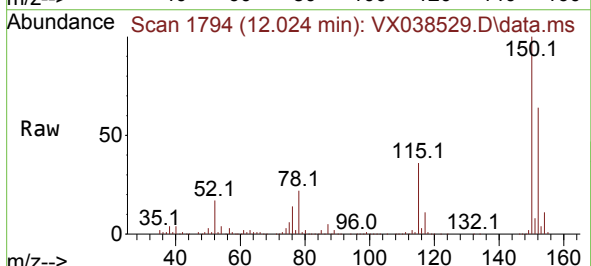
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MSVOA_X
ClientSampleId :

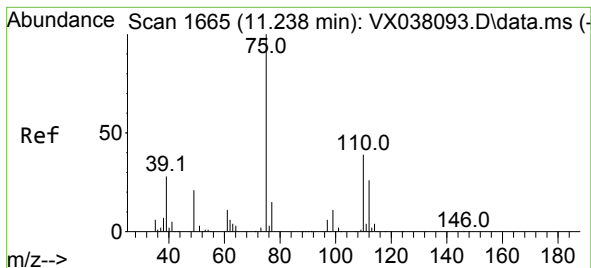
Tgt Ion:117 Resp: 329156
Ion Ratio Lower Upper
117 100
82 53.2 46.2 69.4
119 33.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038529.D
Acq: 26 Oct 2023 19:38

Tgt Ion:152 Resp: 184816
Ion Ratio Lower Upper
152 100
115 57.9 43.3 129.9
150 157.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 20.500 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038529.D

Acq: 26 Oct 2023 19:38

Instrument :

MSVOA_X

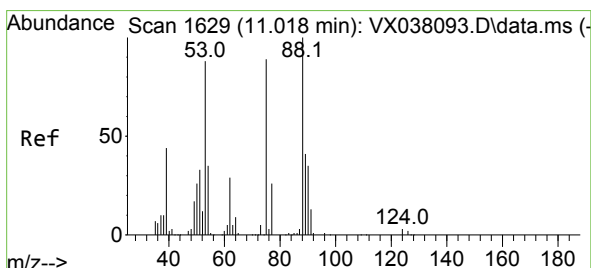
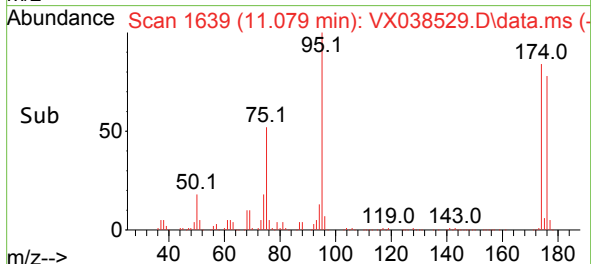
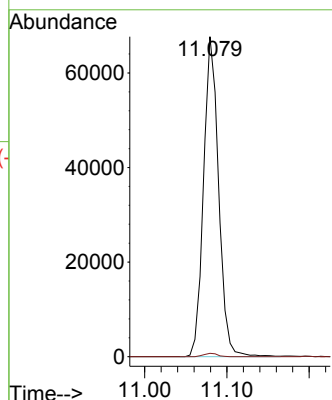
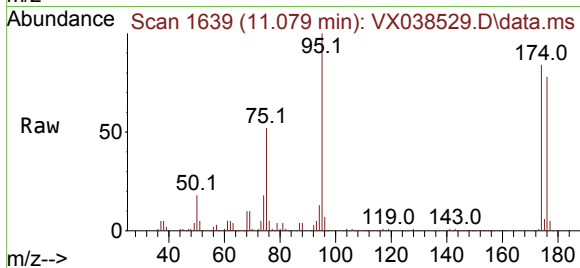
ClientSampleId :

Tgt Ion: 75 Resp: 86134

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 59.065 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038529.D

Acq: 26 Oct 2023 19:38

Tgt Ion: 75 Resp: 86134

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

