

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
 Data File : VX038268.D
 Acq On : 12 Oct 2023 19:41
 Operator : JC/MD
 Sample : 04875-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 13 04:55:06 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	105584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	193975	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102711	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80609	47.466	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.940%
35) Dibromofluoromethane	5.385	113	62825	44.948	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.900%
50) Toluene-d8	8.647	98	246104	46.078	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.160%
62) 4-Bromofluorobenzene	11.079	95	94833	46.835	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.680%

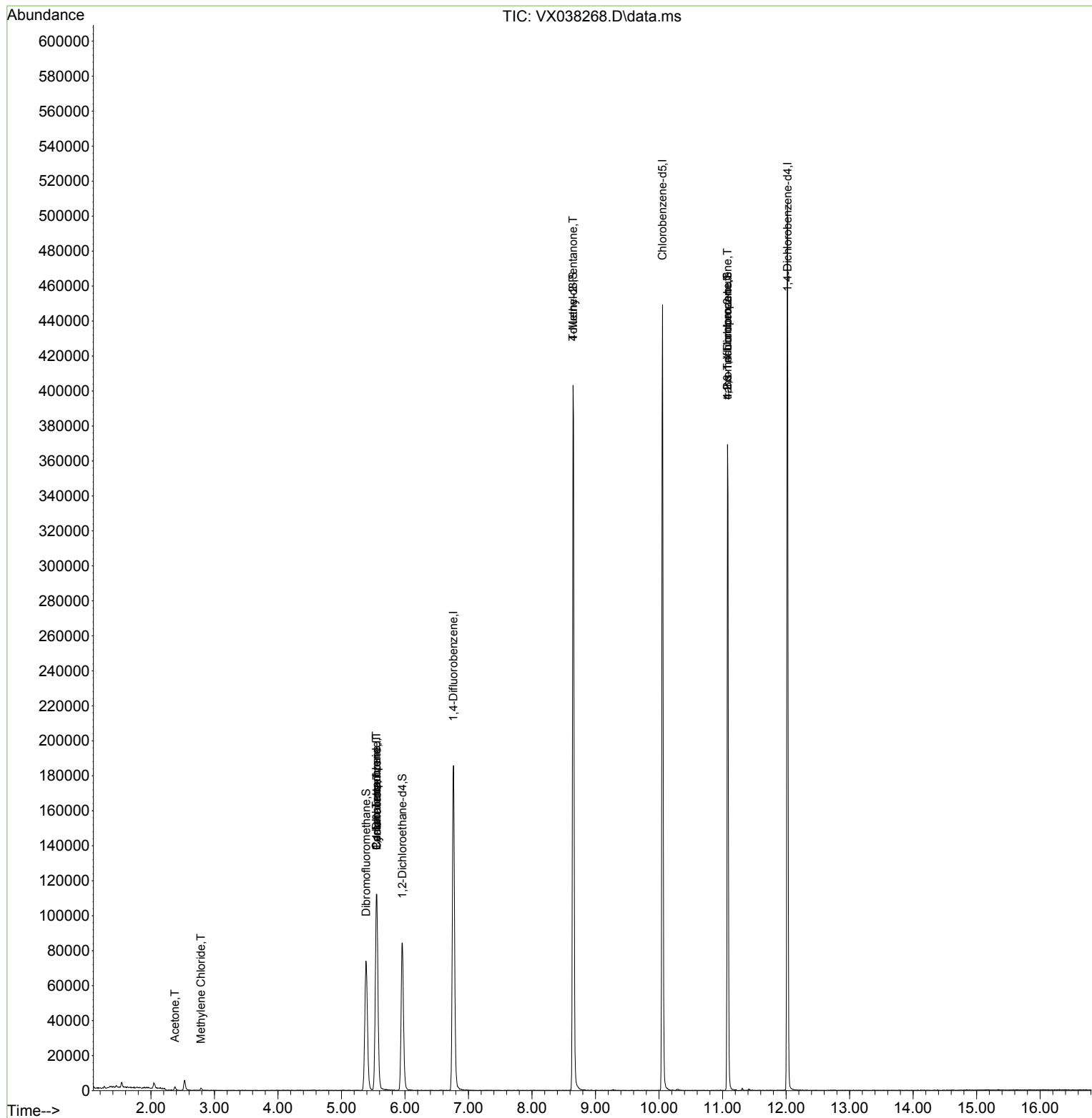
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.544	94	87	Below Cal	#	3
6) Chloroethane	1.691	64	216	Below Cal	#	43
16) Acetone	2.380	43	1981	2.795	ug/l	96
20) Methylene Chloride	2.788	84	582	0.437	ug/l #	90
31) Cyclohexane	5.556	56	2471	1.343	ug/l #	18
36) 1,1-Dichloropropene	5.550	75	8969	4.653	ug/l #	50
38) Carbon Tetrachloride	5.550	117	10845	5.720	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1015	0.431	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	51556	22.080	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	51556	63.304	ug/l #	5

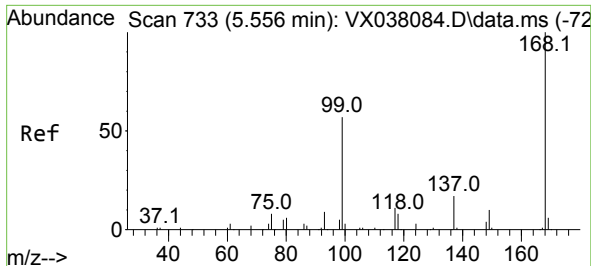
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
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ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

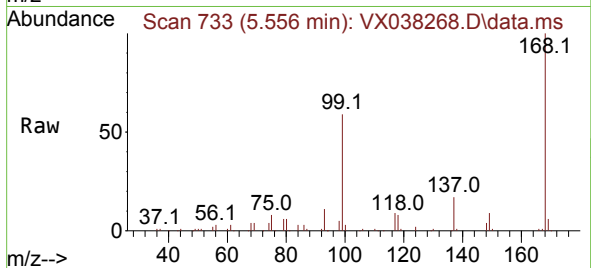
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



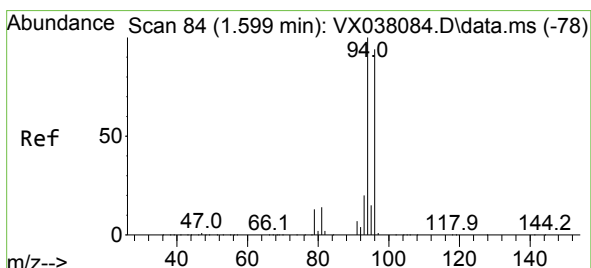
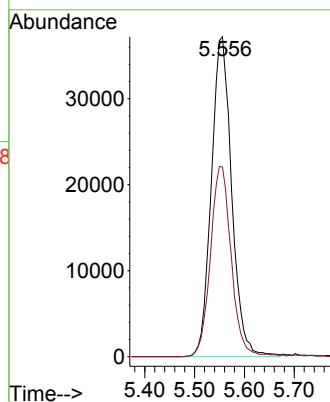
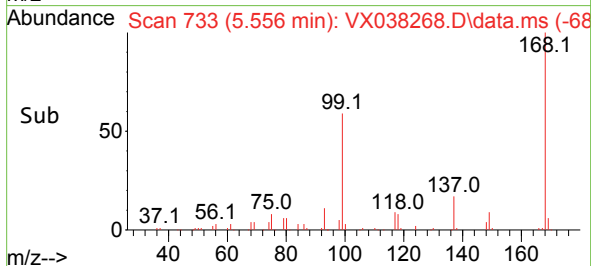


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038268.D
Acq: 12 Oct 2023 19:41

Instrument :
MSVOA_X
ClientSampleId :

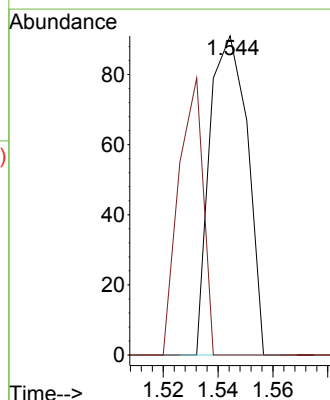
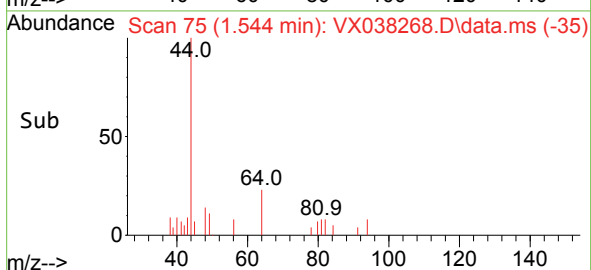
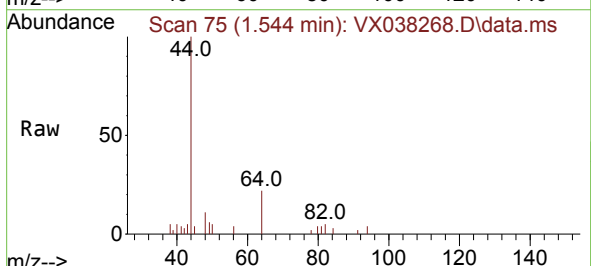


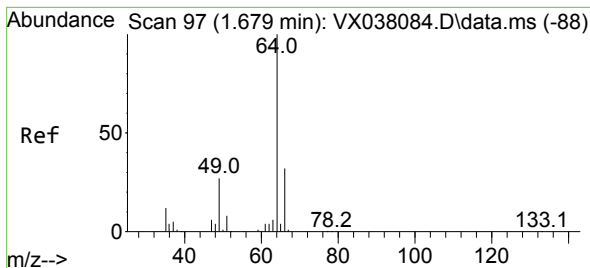
Tgt Ion:168 Resp: 105584
Ion Ratio Lower Upper
168 100
99 59.2 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.544 min Scan# 75
Delta R.T. -0.055 min
Lab File: VX038268.D
Acq: 12 Oct 2023 19:41

Tgt Ion: 94 Resp: 87
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#





#6

Chloroethane

Concen: Below Cal

RT: 1.691 min Scan# 91

Delta R.T. 0.012 min

Lab File: VX038268.D

Acq: 12 Oct 2023 19:41

Instrument :

MSVOA_X

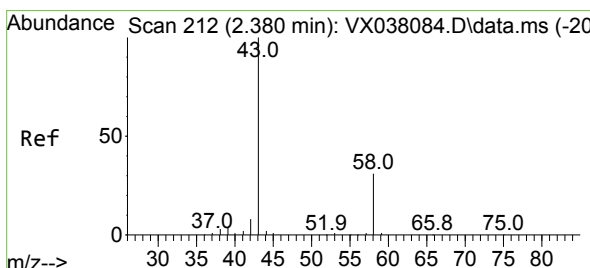
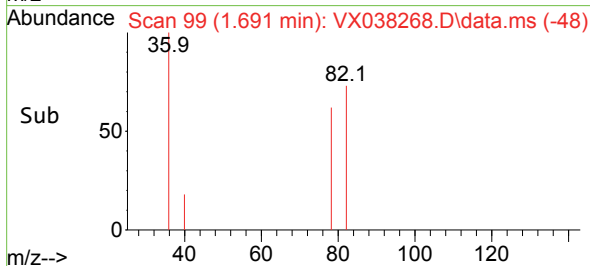
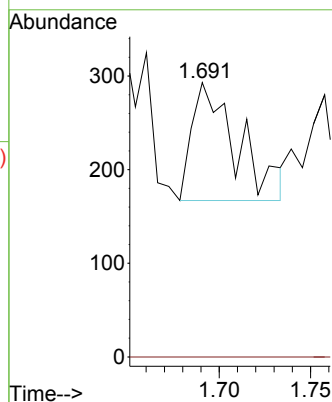
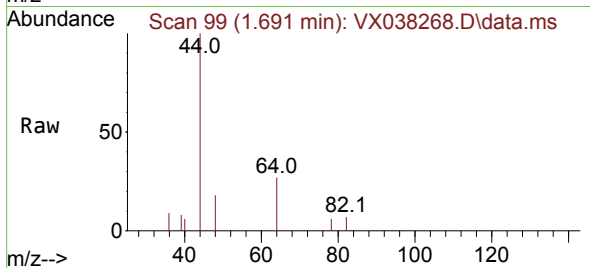
ClientSampleId :

Tgt Ion: 64 Resp: 216

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



#16

Acetone

Concen: 2.795 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX038268.D

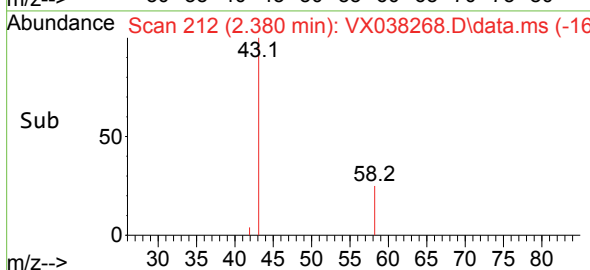
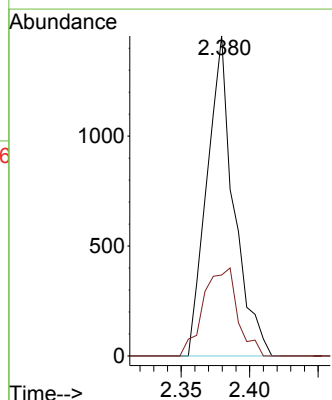
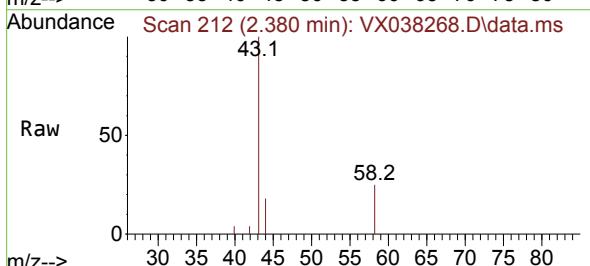
Acq: 12 Oct 2023 19:41

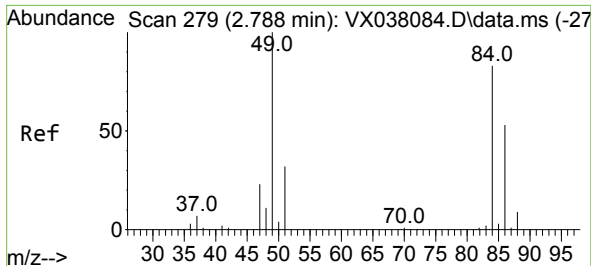
Tgt Ion: 43 Resp: 1981

Ion Ratio Lower Upper

43 100

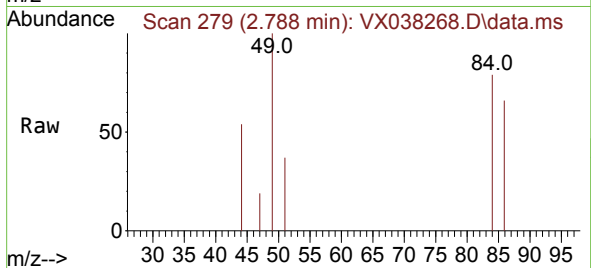
58 25.3 21.9 32.9





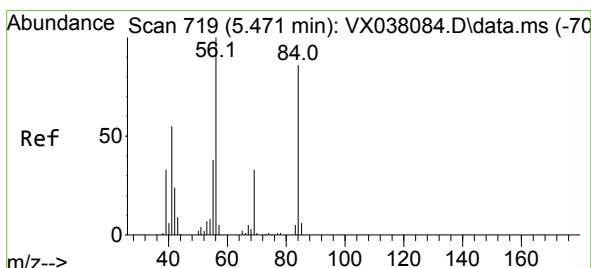
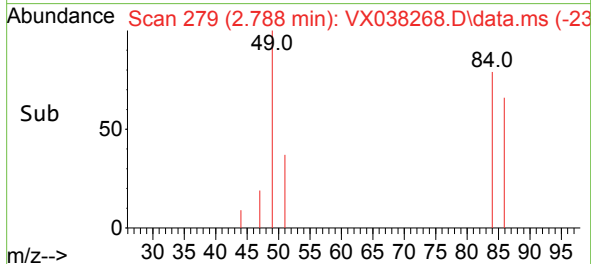
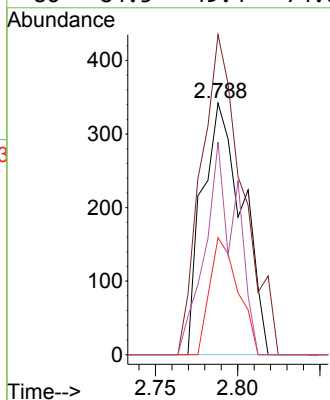
#20
Methylene Chloride
Concen: 0.437 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038268.D
Acq: 12 Oct 2023 19:41

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 582

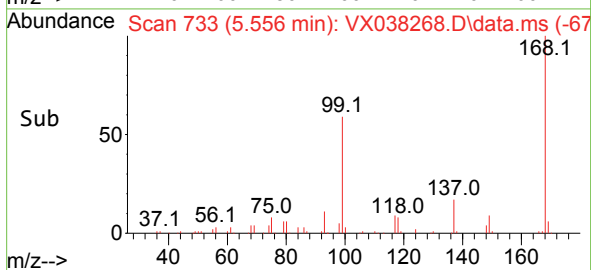
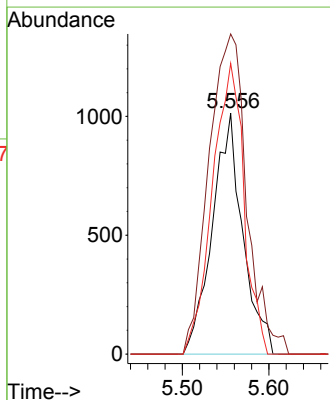
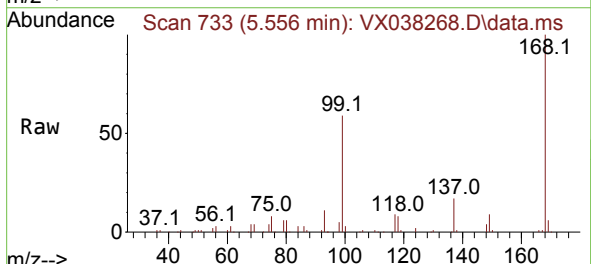
Ion	Ratio	Lower	Upper
84	100		
49	127.2	103.6	155.4
51	46.5	33.8	50.6
86	84.5	49.4	74.0

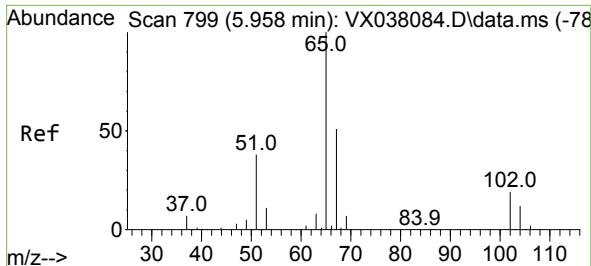


#31
Cyclohexane
Concen: 1.343 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX038268.D
Acq: 12 Oct 2023 19:41

Tgt Ion: 56 Resp: 2471

Ion	Ratio	Lower	Upper
56	100		
69	132.8	23.4	35.2
84	120.6	65.9	98.9

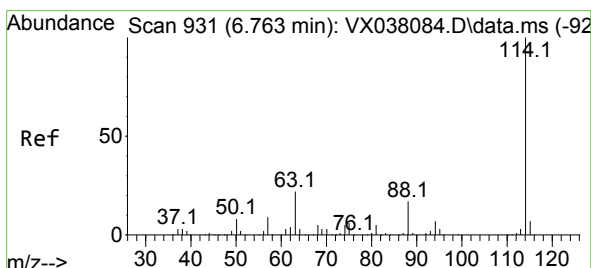
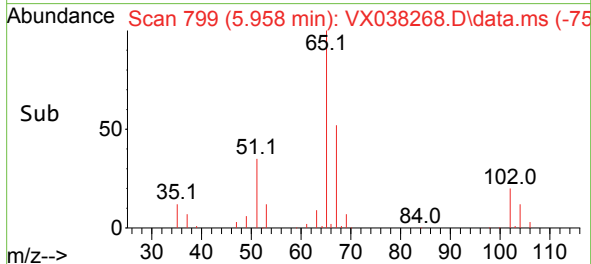
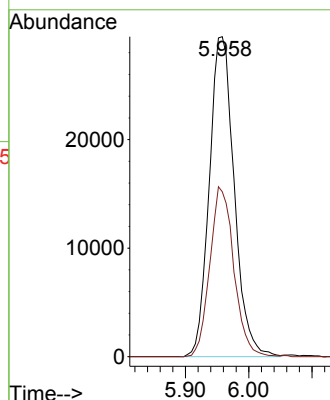
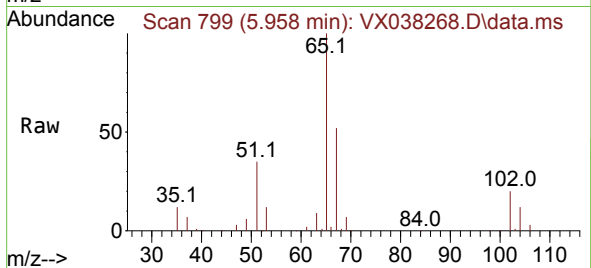




#33
1,2-Dichloroethane-d4
Concen: 47.466 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038268.D
Acq: 12 Oct 2023 19:41

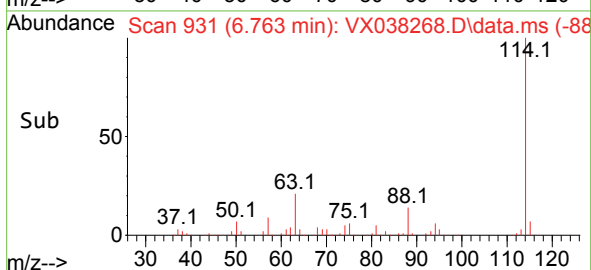
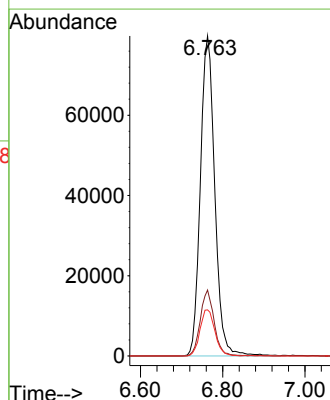
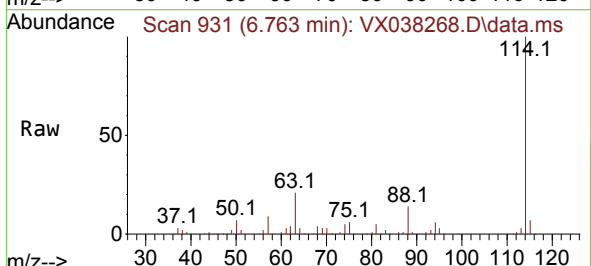
Instrument :
MSVOA_X
ClientSampleId :

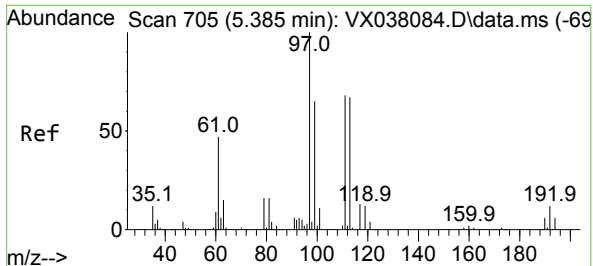
Tgt Ion: 65 Resp: 80609
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX038268.D
Acq: 12 Oct 2023 19:41

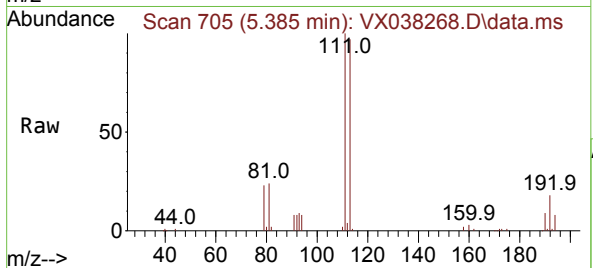
Tgt Ion: 114 Resp: 193975
Ion Ratio Lower Upper
114 100
63 20.6 0.0 45.0
88 14.4 0.0 36.6



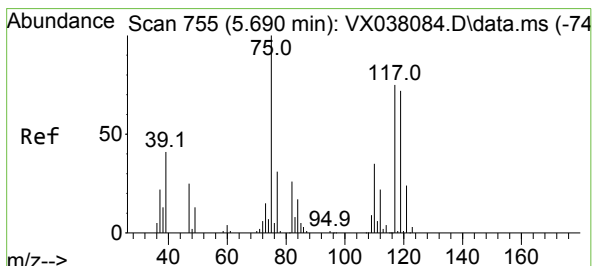
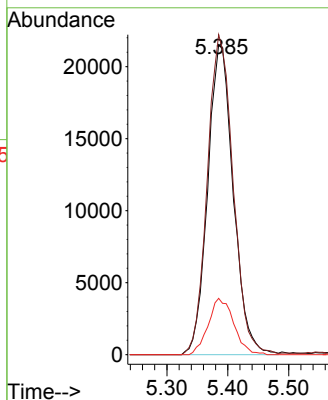
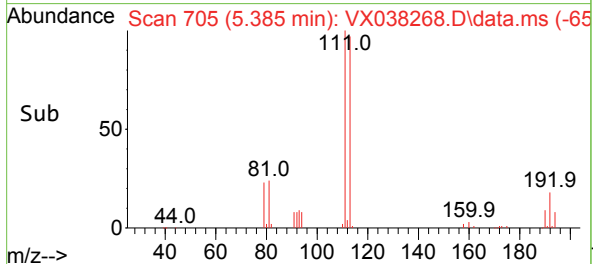


#35
Dibromofluoromethane
Concen: 44.948 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038268.D
Acq: 12 Oct 2023 19:41

Instrument :
MSVOA_X
ClientSampleId :

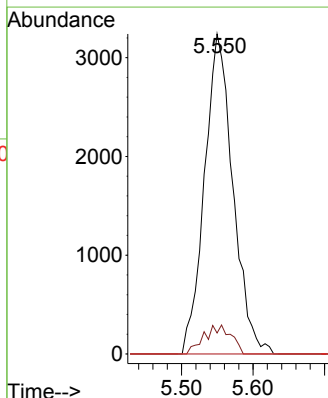
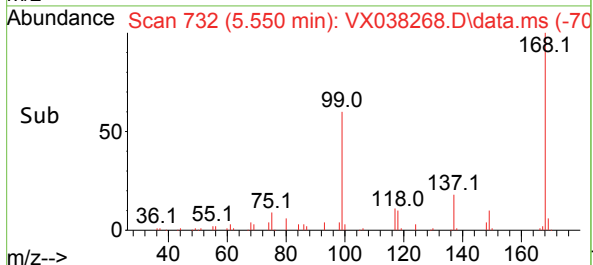
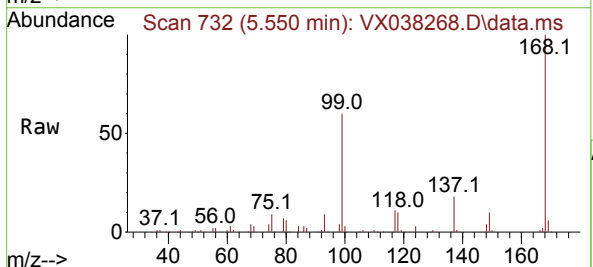


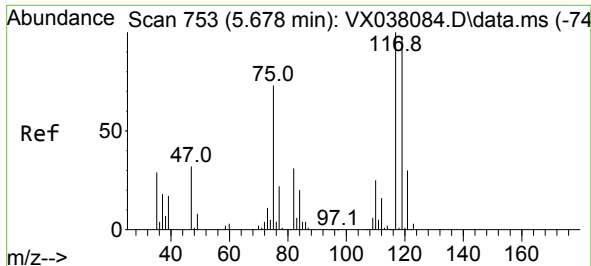
Tgt Ion:113 Resp: 62825
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 18.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.653 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038268.D
Acq: 12 Oct 2023 19:41

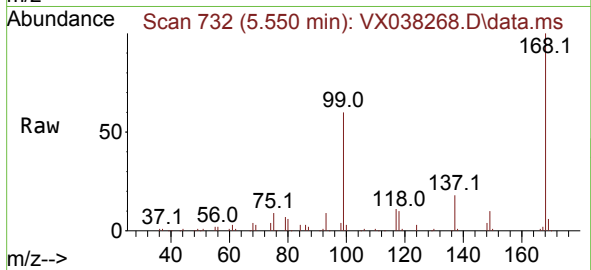
Tgt Ion: 75 Resp: 8969
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.0 24.7 37.1#



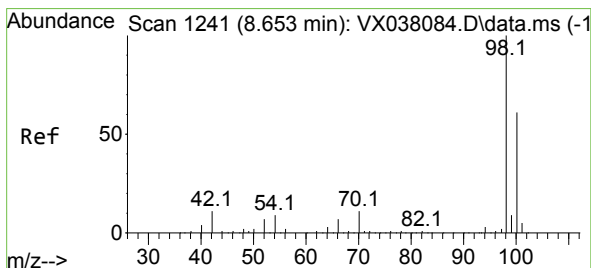
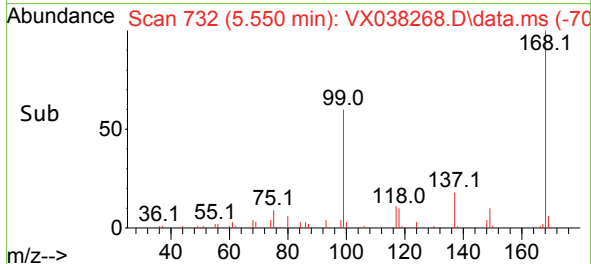
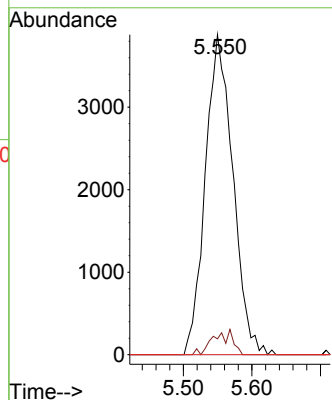


#38
Carbon Tetrachloride
Concen: 5.720 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038268.D
Acq: 12 Oct 2023 19:41

Instrument :
MSVOA_X
ClientSampleId :

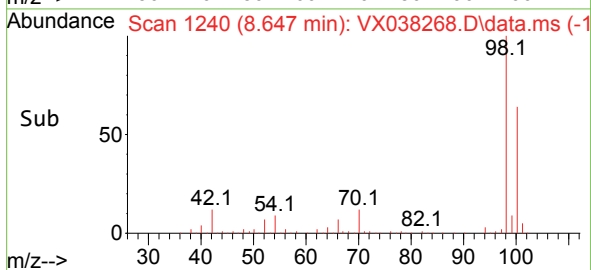
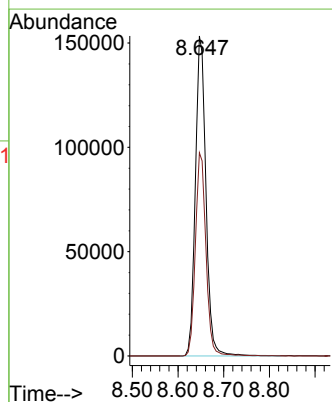
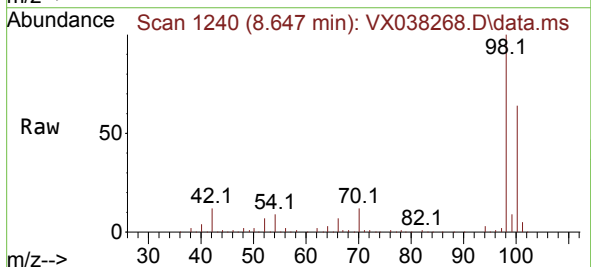


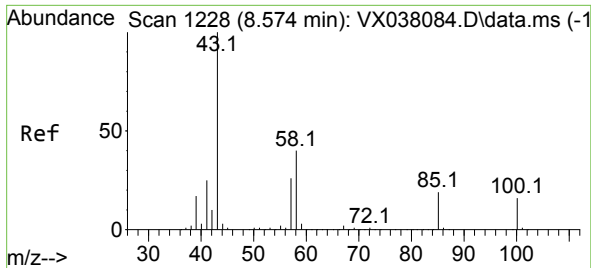
Tgt Ion:117 Resp: 10845
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.078 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038268.D
Acq: 12 Oct 2023 19:41

Tgt Ion: 98 Resp: 246104
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7

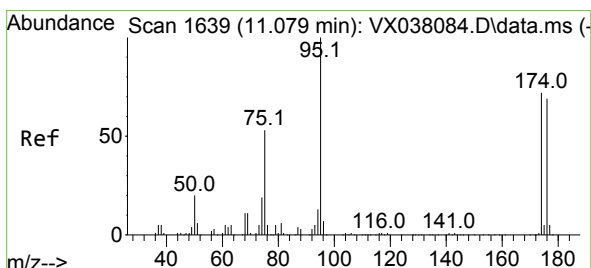
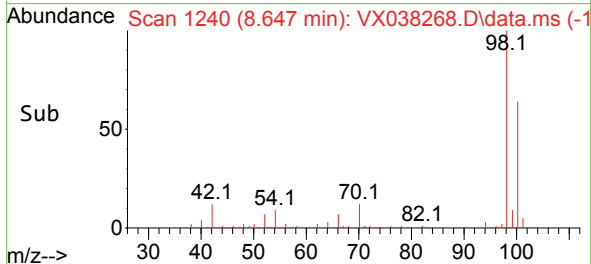
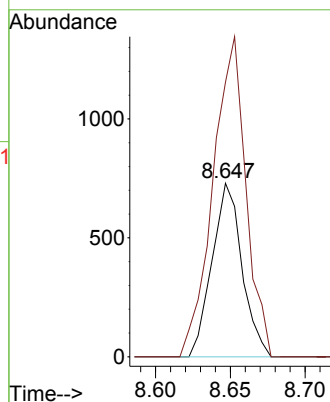
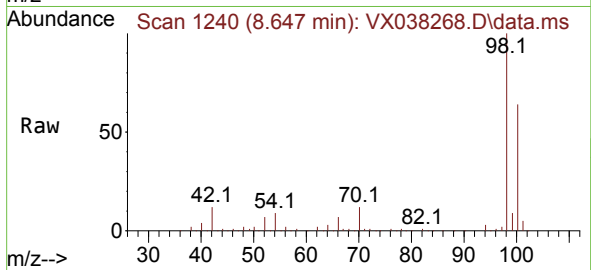




#51
4-Methyl-2-Pentanone
Concen: 0.431 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX038268.D
Acq: 12 Oct 2023 19:41

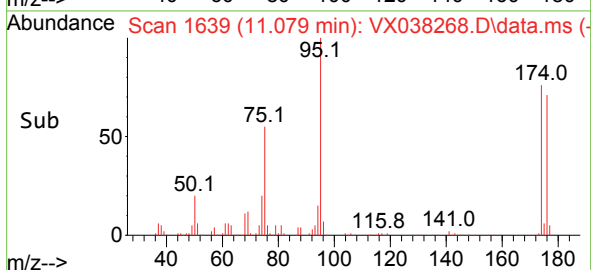
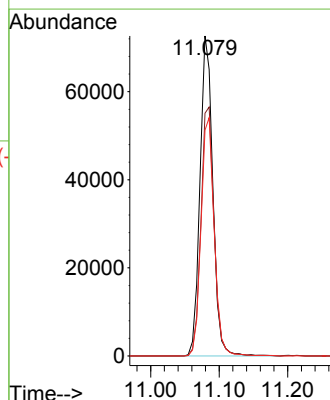
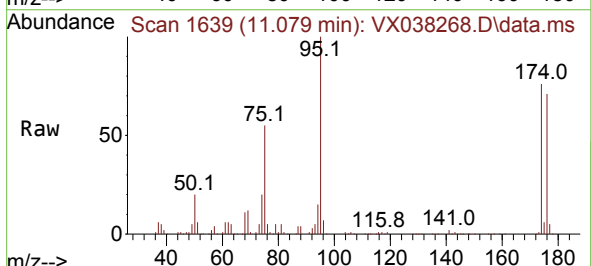
Instrument :
MSVOA_X
ClientSampleId :

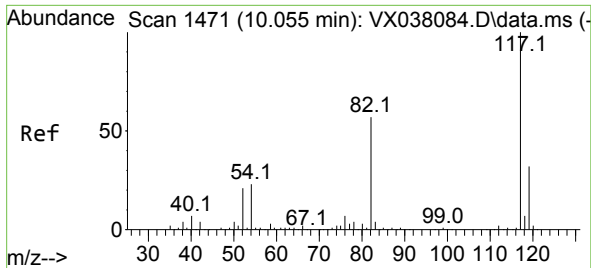
Tgt Ion: 43 Resp: 1015
Ion Ratio Lower Upper
43 100
58 203.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 46.835 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038268.D
Acq: 12 Oct 2023 19:41

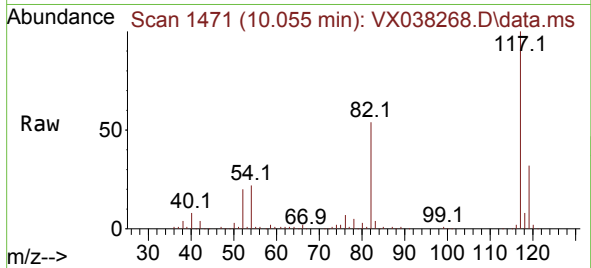
Tgt Ion: 95 Resp: 94833
Ion Ratio Lower Upper
95 100
174 79.7 0.0 135.6
176 76.4 0.0 131.0



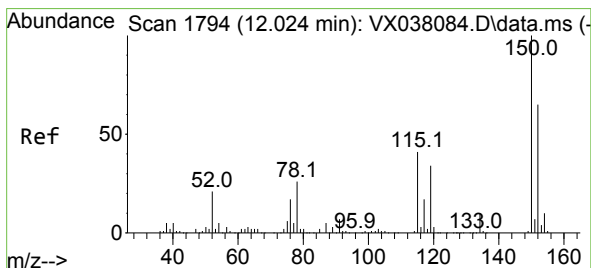
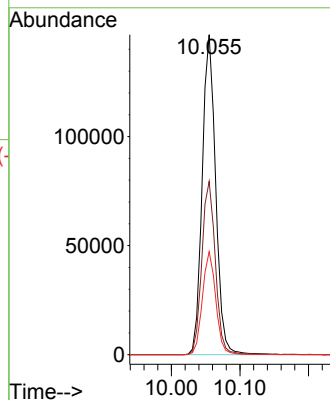
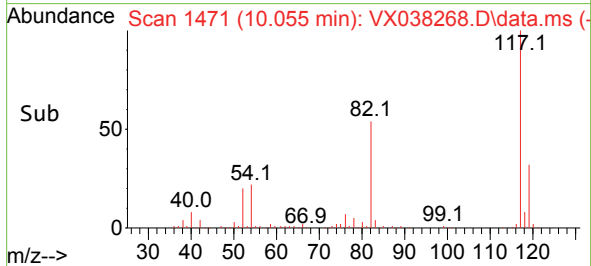


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038268.D
Acq: 12 Oct 2023 19:41

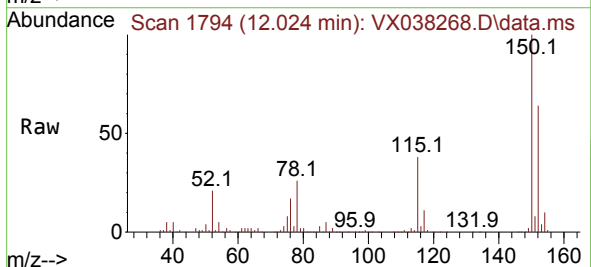
Instrument :
MSVOA_X
ClientSampleId :



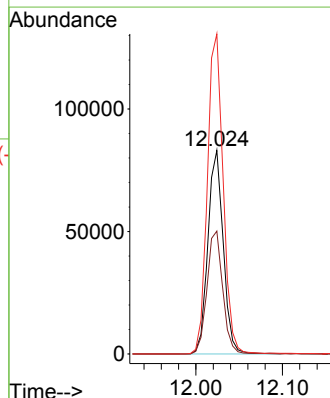
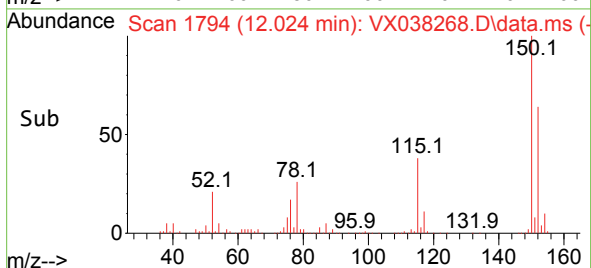
Tgt Ion:117 Resp: 201236
Ion Ratio Lower Upper
117 100
82 54.1 46.2 69.4
119 32.2 25.5 38.3

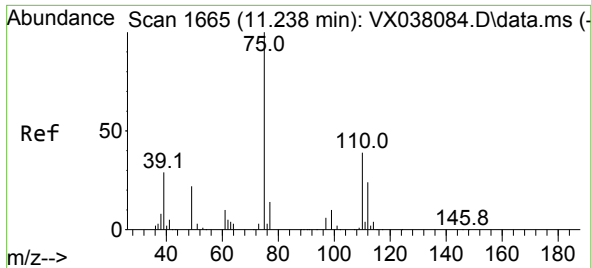


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038268.D
Acq: 12 Oct 2023 19:41



Tgt Ion:152 Resp: 102711
Ion Ratio Lower Upper
152 100
115 61.8 43.3 129.9
150 161.1 0.0 345.0

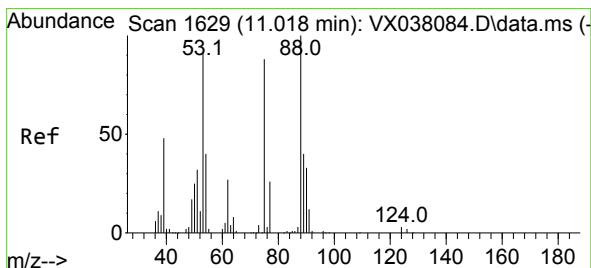
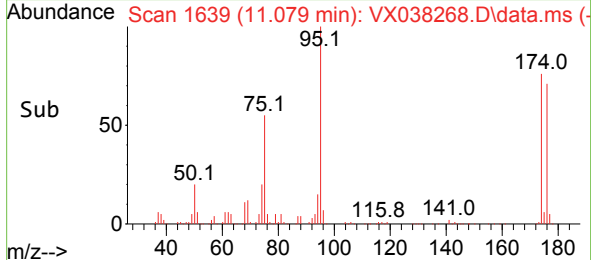
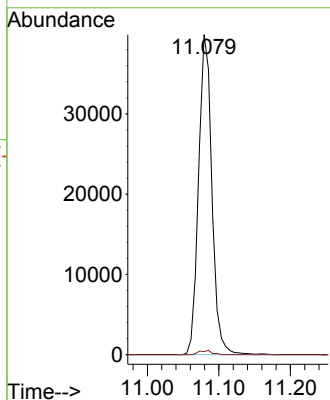
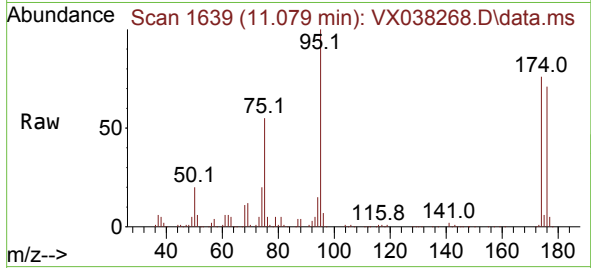




#76
1,2,3-Trichloropropane
Concen: 22.080 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038268.D
Acq: 12 Oct 2023 19:41

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 51556
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.304 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038268.D
Acq: 12 Oct 2023 19:41

Tgt Ion: 75 Resp: 51556
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 36.9 55.3#

