

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101323\
 Data File : VX038288.D
 Acq On : 13 Oct 2023 16:39
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Oct 13 23:14:32 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	108480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195037	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108966	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80136	45.928	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.860%
35) Dibromofluoromethane	5.385	113	64372	45.805	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.600%
50) Toluene-d8	8.647	98	251742	46.877	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.760%
62) 4-Bromofluorobenzene	11.079	95	97794	48.034	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.060%

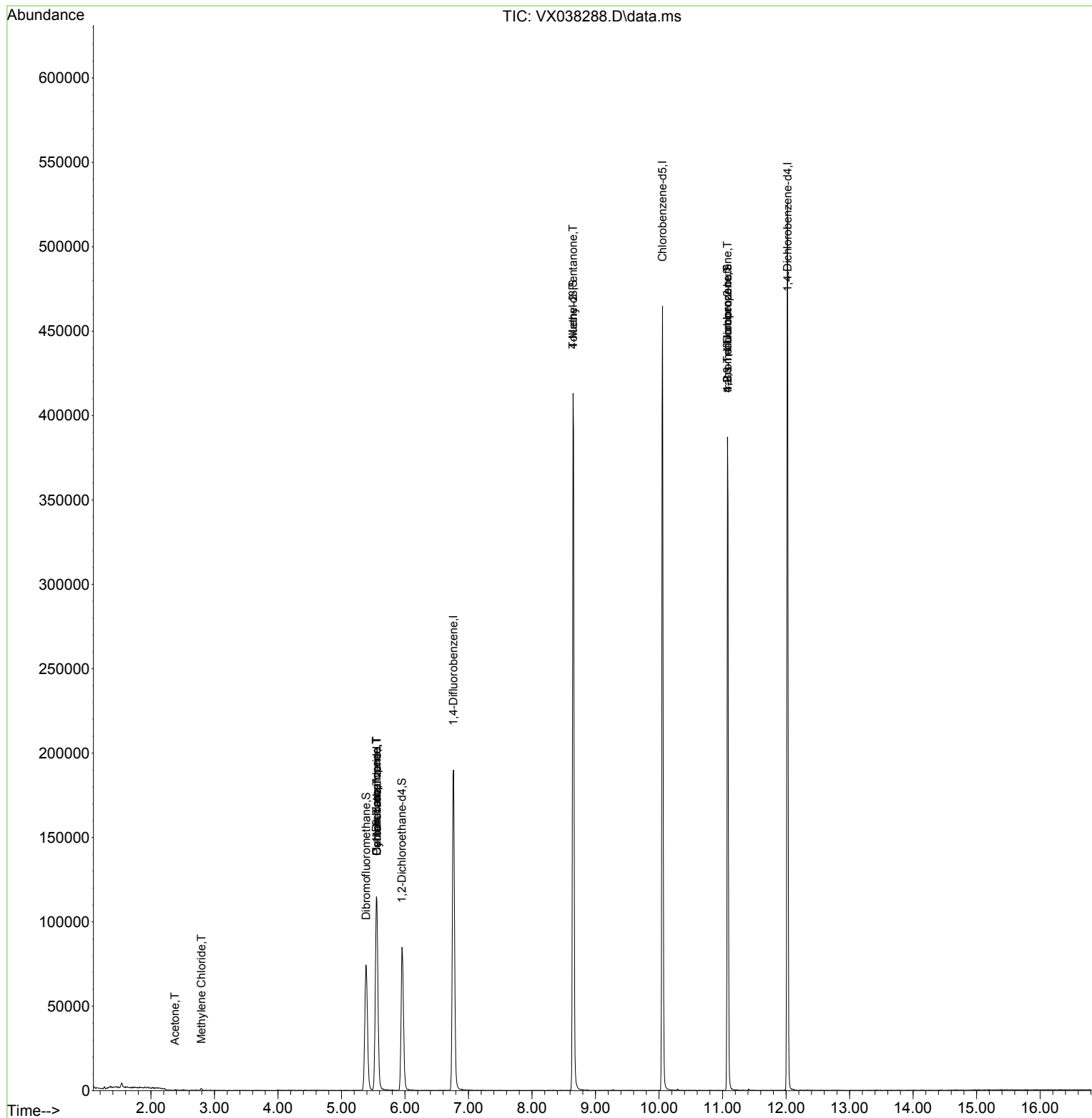
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.617	94	31	Below Cal	#	3
6) Chloroethane	1.709	64	95	Below Cal	#	43
16) Acetone	2.380	43	401	0.551	ug/l	91
20) Methylene Chloride	2.794	84	568	0.415	ug/l #	69
31) Cyclohexane	5.556	56	2597	1.374	ug/l #	47
36) 1,1-Dichloropropene	5.550	75	9327	4.813	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11402	5.981	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1094	0.462	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	53661	21.662	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	53661	62.183	ug/l #	5

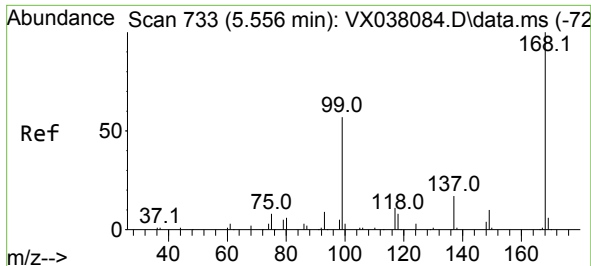
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101323\
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Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

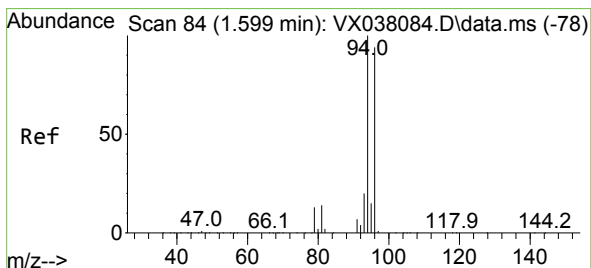
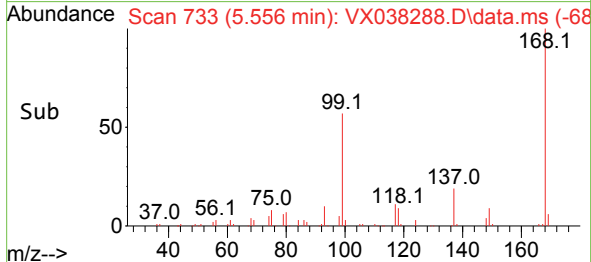
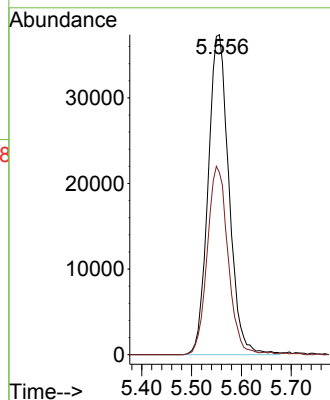
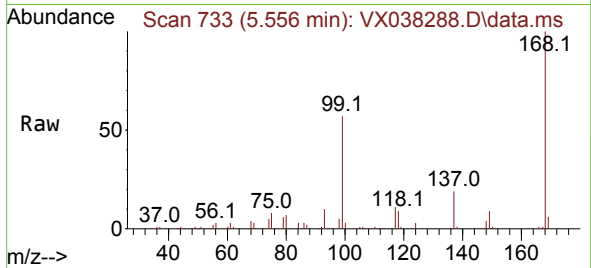




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038288.D
Acq: 13 Oct 2023 16:39

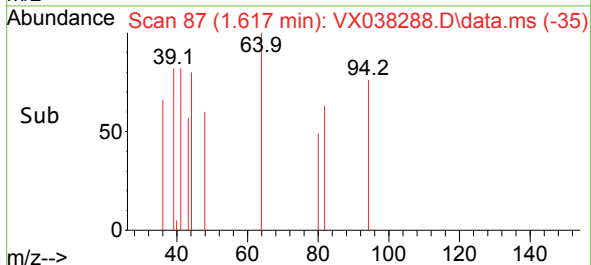
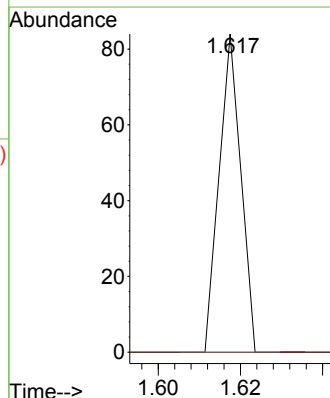
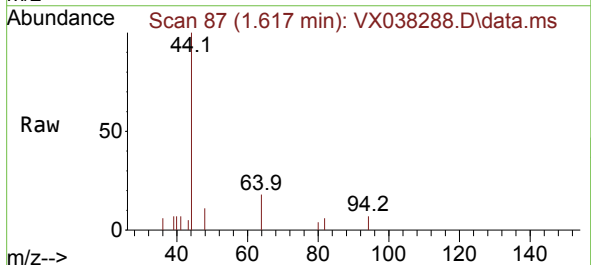
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

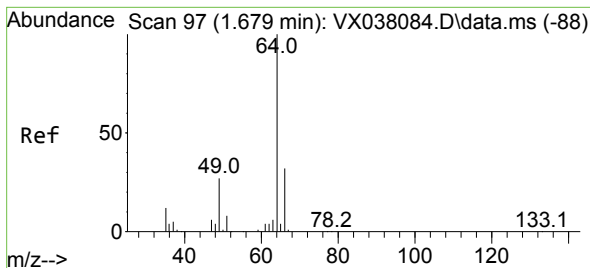
Tgt Ion:168 Resp: 108480
Ion Ratio Lower Upper
168 100
99 57.0 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX038288.D
Acq: 13 Oct 2023 16:39

Tgt Ion: 94 Resp: 31
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#





#6

Chloroethane

Concen: Below Cal

RT: 1.709 min Scan# 102

Delta R.T. 0.030 min

Lab File: VX038288.D

Acq: 13 Oct 2023 16:39

Instrument :

MSVOA_X

ClientSampleId :

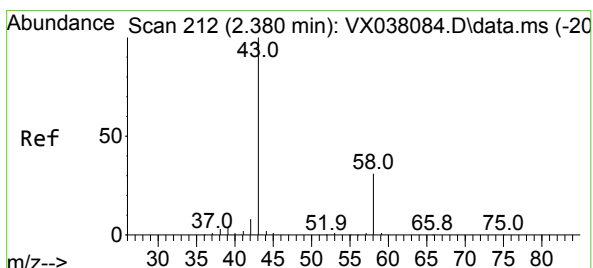
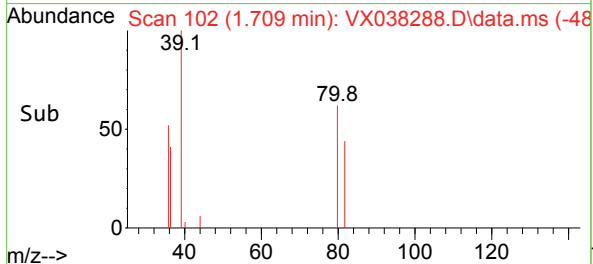
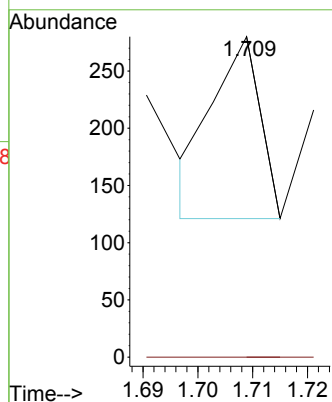
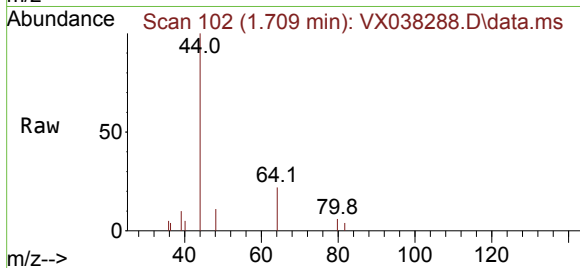
VIBLK

Tgt Ion: 64 Resp: 95

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



#16

Acetone

Concen: 0.551 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX038288.D

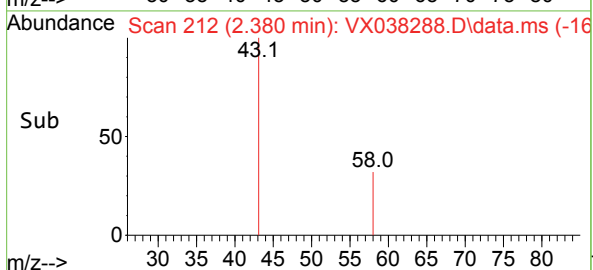
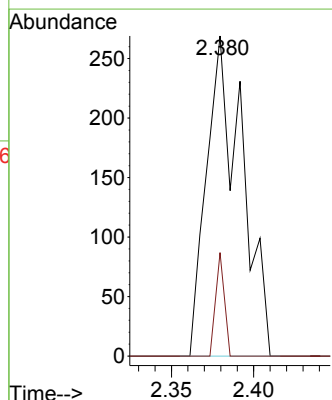
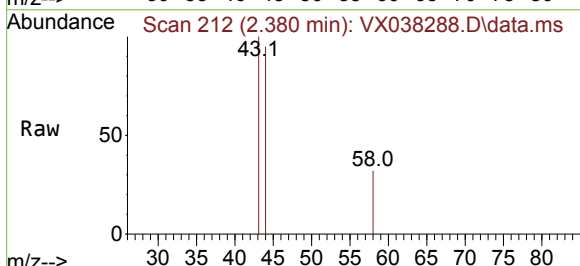
Acq: 13 Oct 2023 16:39

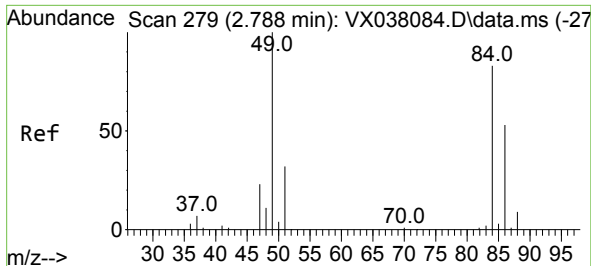
Tgt Ion: 43 Resp: 401

Ion Ratio Lower Upper

43 100

58 32.3 21.9 32.9

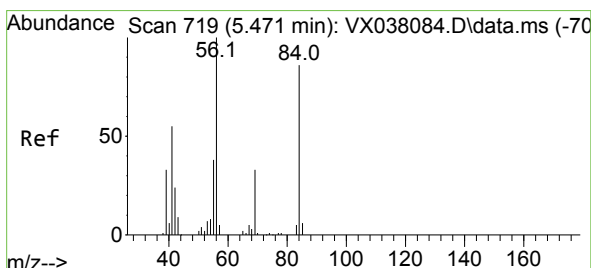
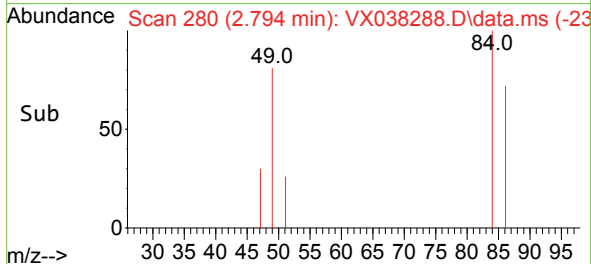
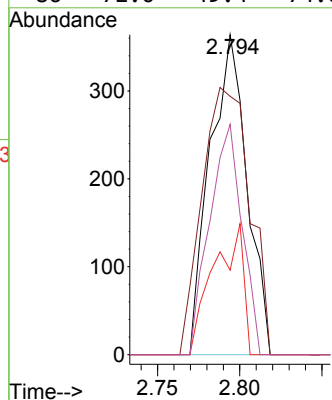
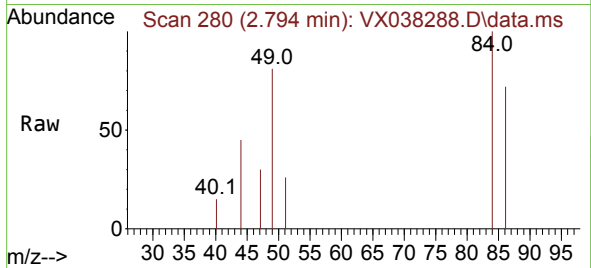




#20
Methylene Chloride
Concen: 0.415 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038288.D
Acq: 13 Oct 2023 16:39

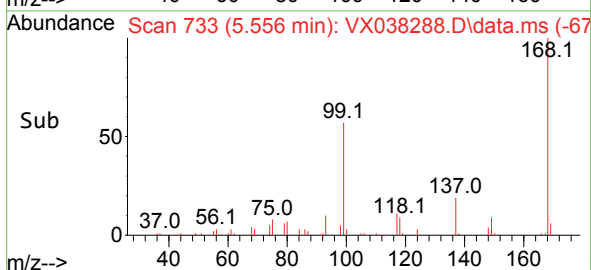
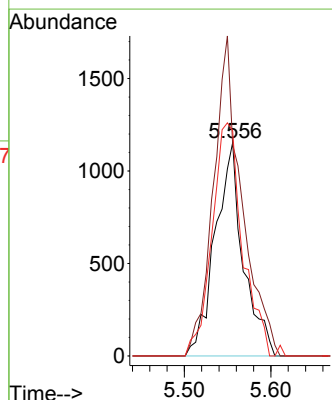
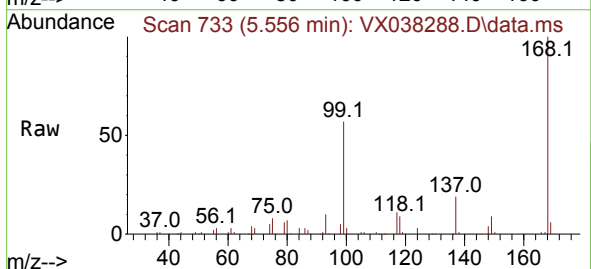
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

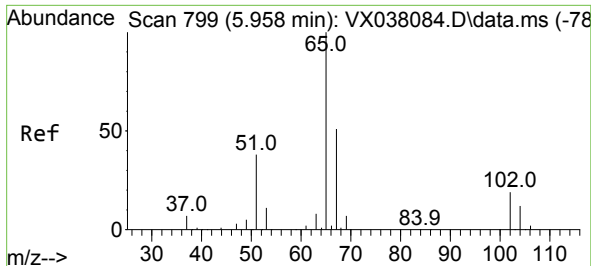
Tgt Ion: 84	Resp:	568
Ion	Ratio	Lower Upper
84	100	
49	80.8	103.6 155.4#
51	26.4	33.8 50.6#
86	72.0	49.4 74.0



#31
Cyclohexane
Concen: 1.374 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX038288.D
Acq: 13 Oct 2023 16:39

Tgt Ion: 56	Resp:	2597
Ion	Ratio	Lower Upper
56	100	
69	98.9	23.4 35.2#
84	105.5	65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.928 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038288.D

Acq: 13 Oct 2023 16:39

Instrument :

MSVOA_X

ClientSampleId :

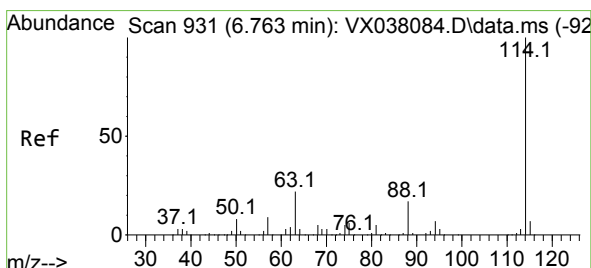
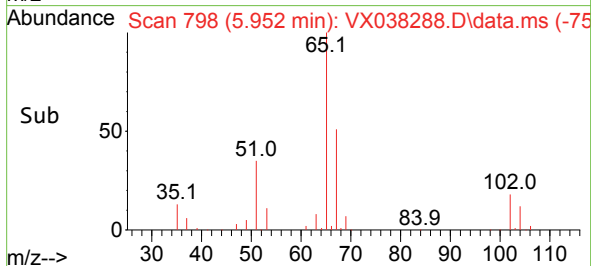
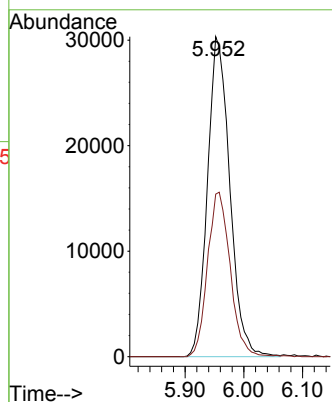
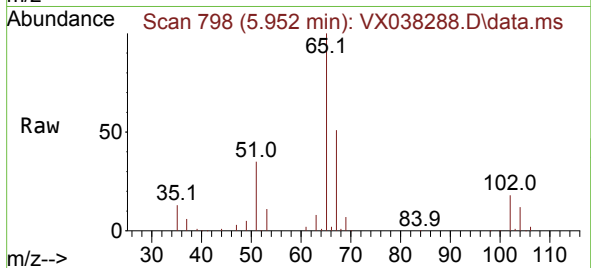
VIBLK

Tgt Ion: 65 Resp: 80136

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: VX038288.D

Acq: 13 Oct 2023 16:39

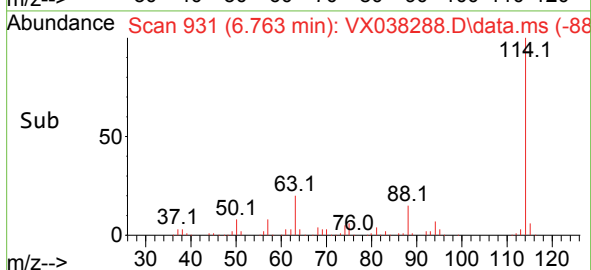
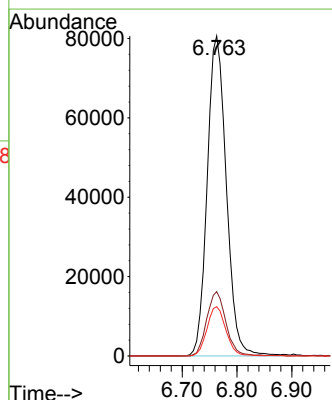
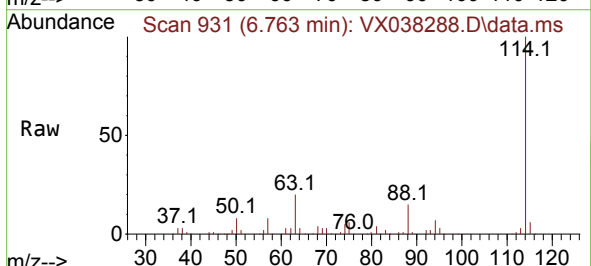
Tgt Ion:114 Resp: 195037

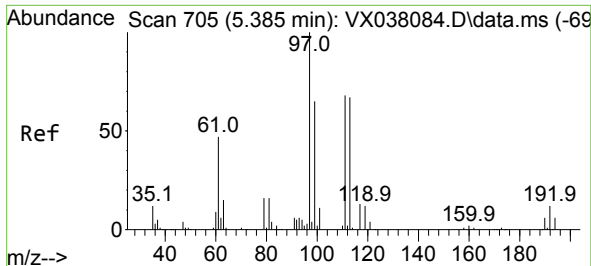
Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.0

88 15.4 0.0 36.6

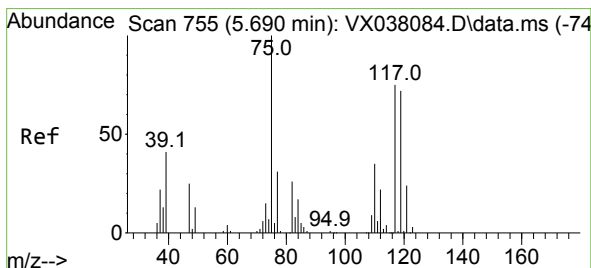
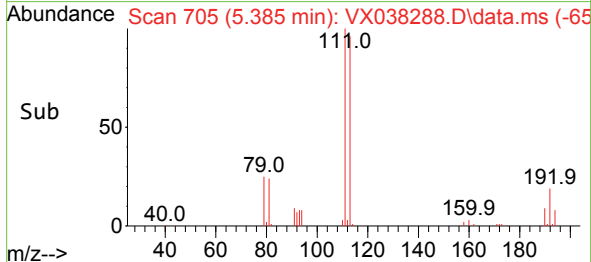
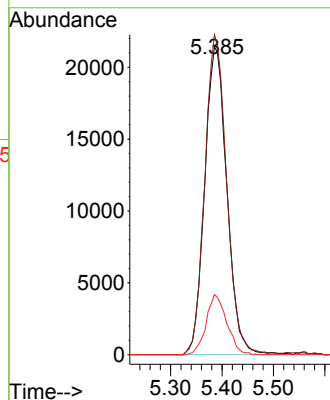
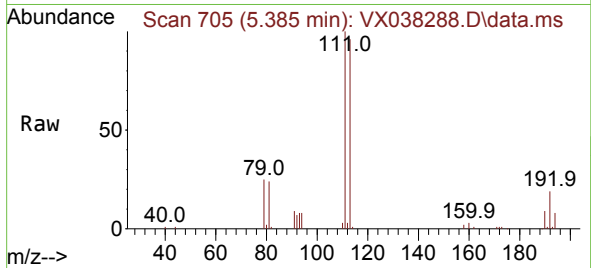




#35
Dibromofluoromethane
Concen: 45.805 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038288.D
Acq: 13 Oct 2023 16:39

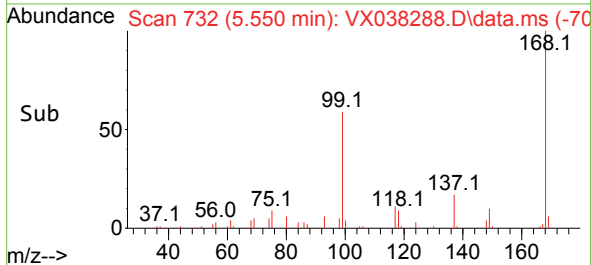
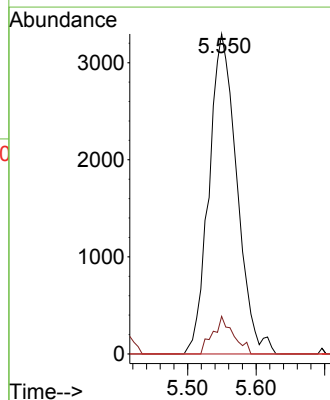
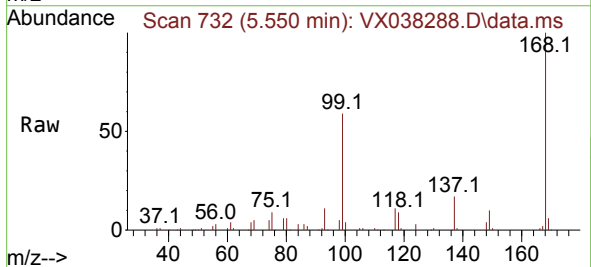
Instrument :
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VIBLK

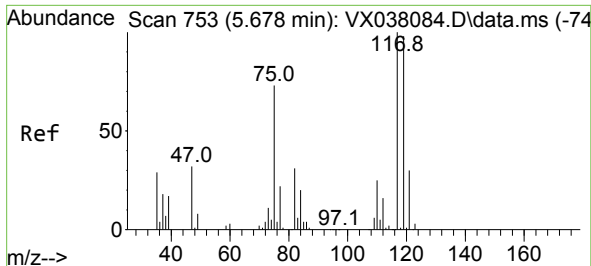
Tgt Ion:113 Resp: 64372
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 18.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.813 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038288.D
Acq: 13 Oct 2023 16:39

Tgt Ion: 75 Resp: 9327
Ion Ratio Lower Upper
75 100
110 8.6 17.0 50.9#
77 0.0 24.7 37.1#

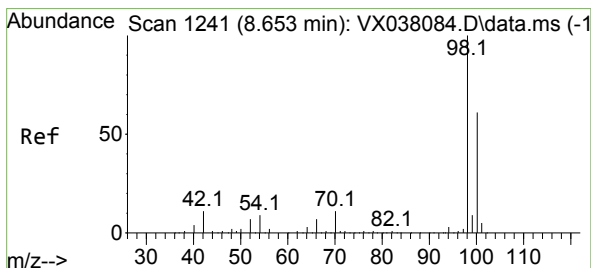
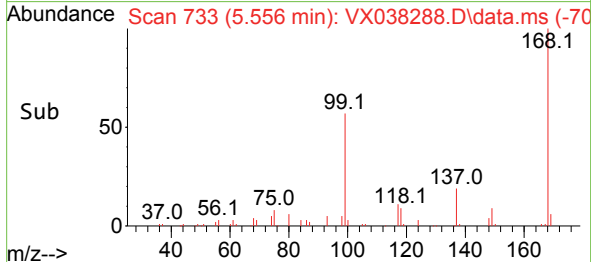
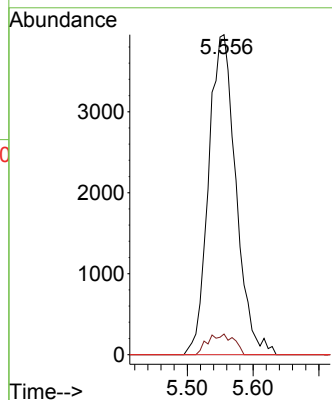
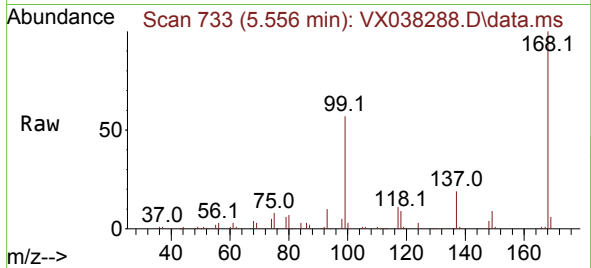




#38
Carbon Tetrachloride
Concen: 5.981 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX038288.D
Acq: 13 Oct 2023 16:39

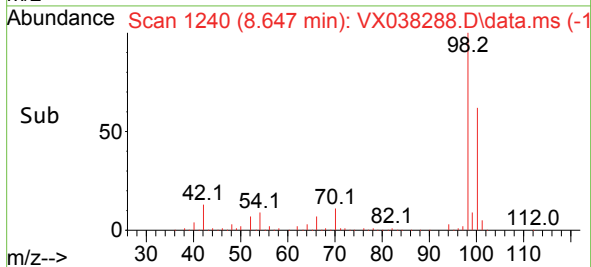
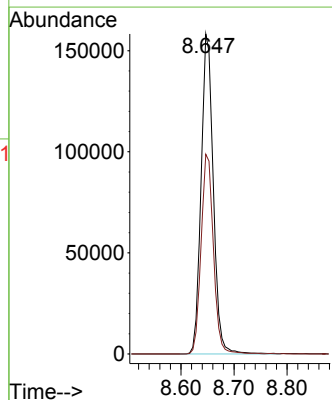
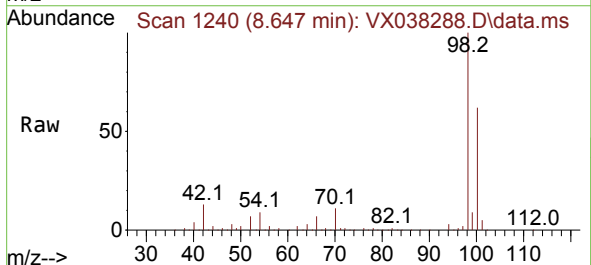
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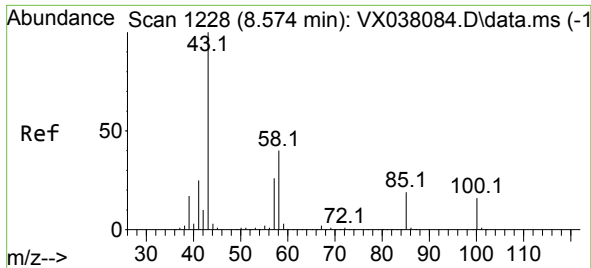
Tgt Ion:117 Resp: 11402
Ion Ratio Lower Upper
117 100
119 6.5 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.877 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038288.D
Acq: 13 Oct 2023 16:39

Tgt Ion: 98 Resp: 251742
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7

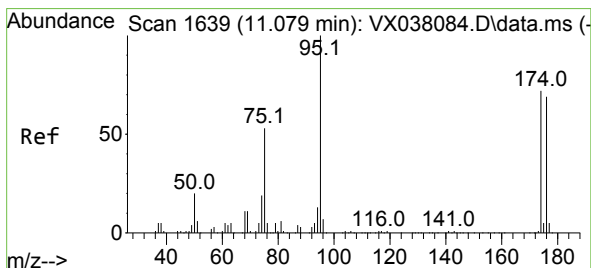
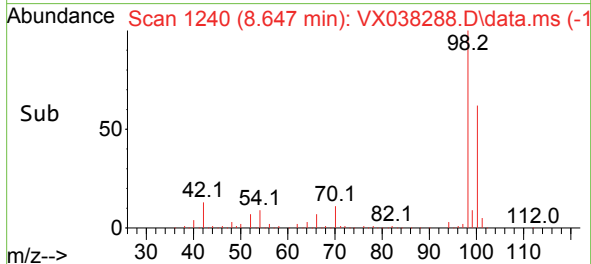
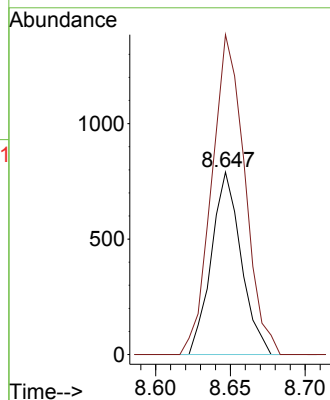
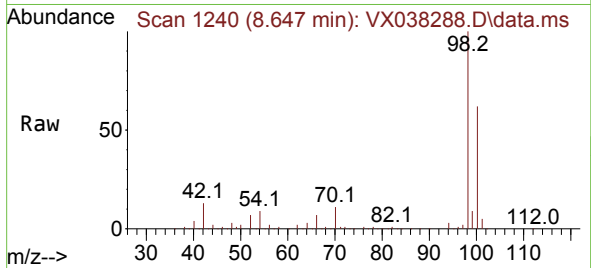




#51
4-Methyl-2-Pentanone
Concen: 0.462 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX038288.D
Acq: 13 Oct 2023 16:39

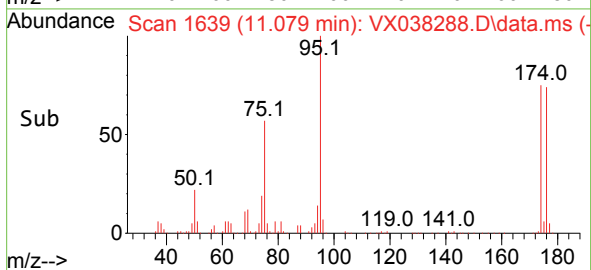
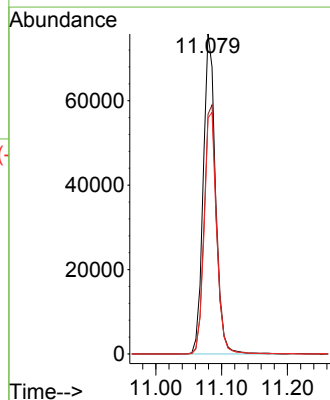
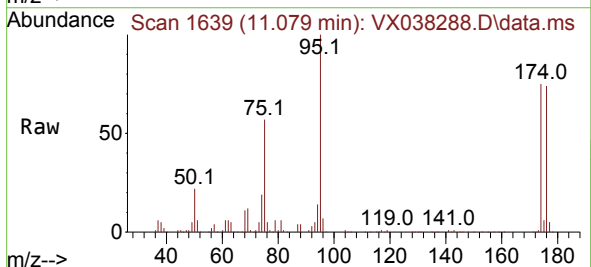
Instrument :
MSVOA_X
ClientSampleId :
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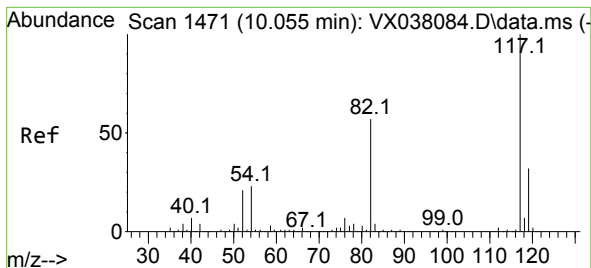
Tgt Ion: 43 Resp: 1094
Ion Ratio Lower Upper
43 100
58 194.2 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 48.034 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038288.D
Acq: 13 Oct 2023 16:39

Tgt Ion: 95 Resp: 97794
Ion Ratio Lower Upper
95 100
174 80.5 0.0 135.6
176 76.8 0.0 131.0

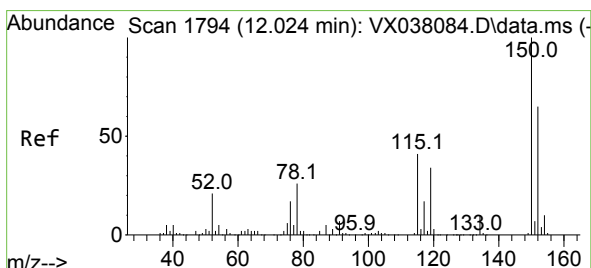
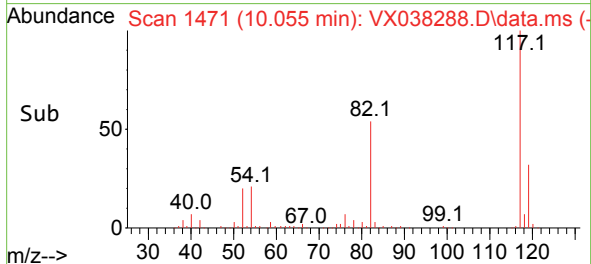
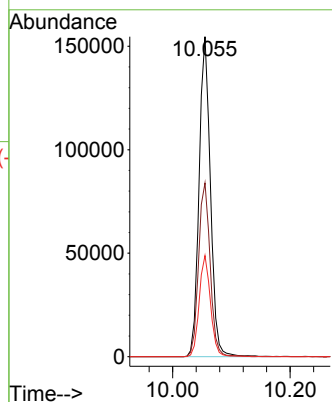
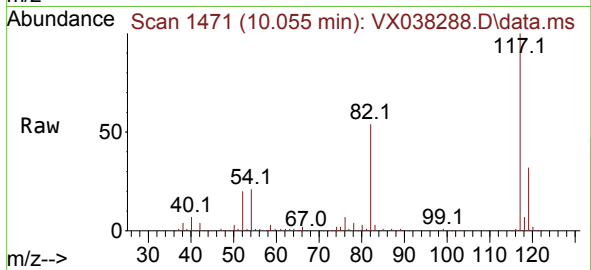




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038288.D
Acq: 13 Oct 2023 16:39

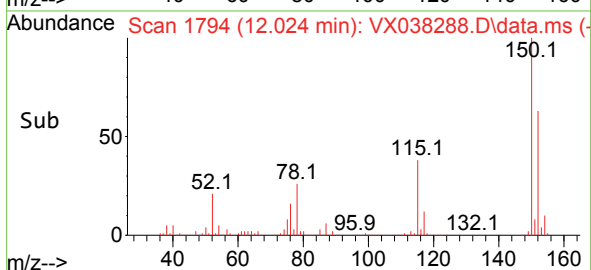
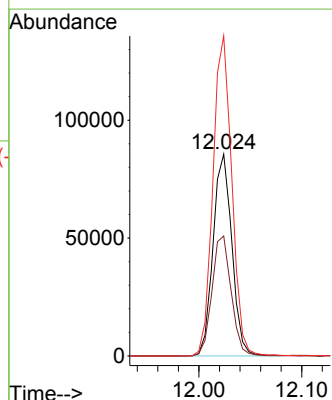
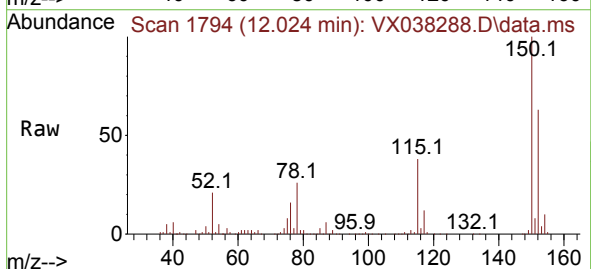
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

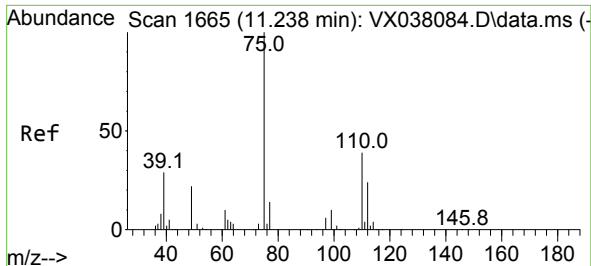
Tgt Ion:117 Resp: 206857
Ion Ratio Lower Upper
117 100
82 54.3 46.2 69.4
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038288.D
Acq: 13 Oct 2023 16:39

Tgt Ion:152 Resp: 108966
Ion Ratio Lower Upper
152 100
115 60.8 43.3 129.9
150 159.0 0.0 345.0

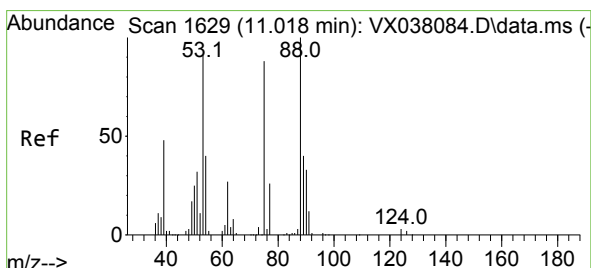
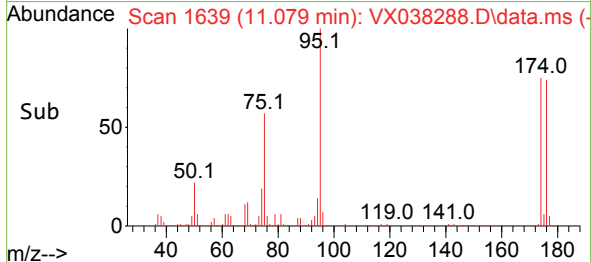
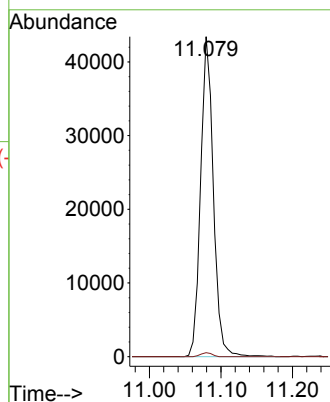
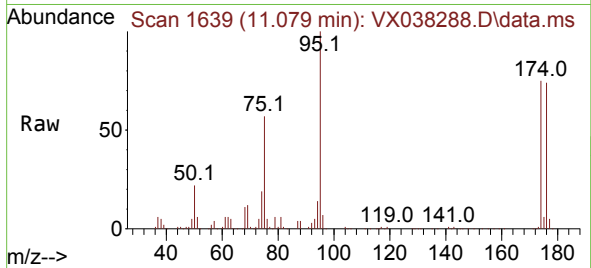




#76
1,2,3-Trichloropropane
Concen: 21.662 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038288.D
Acq: 13 Oct 2023 16:39

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 53661
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.183 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038288.D
Acq: 13 Oct 2023 16:39

Tgt Ion: 75 Resp: 53661
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

