

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090723\
 Data File : VX037583.D
 Acq On : 07 Sep 2023 17:04
 Operator : JC/MD
 Sample : 04311-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 08 00:47:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

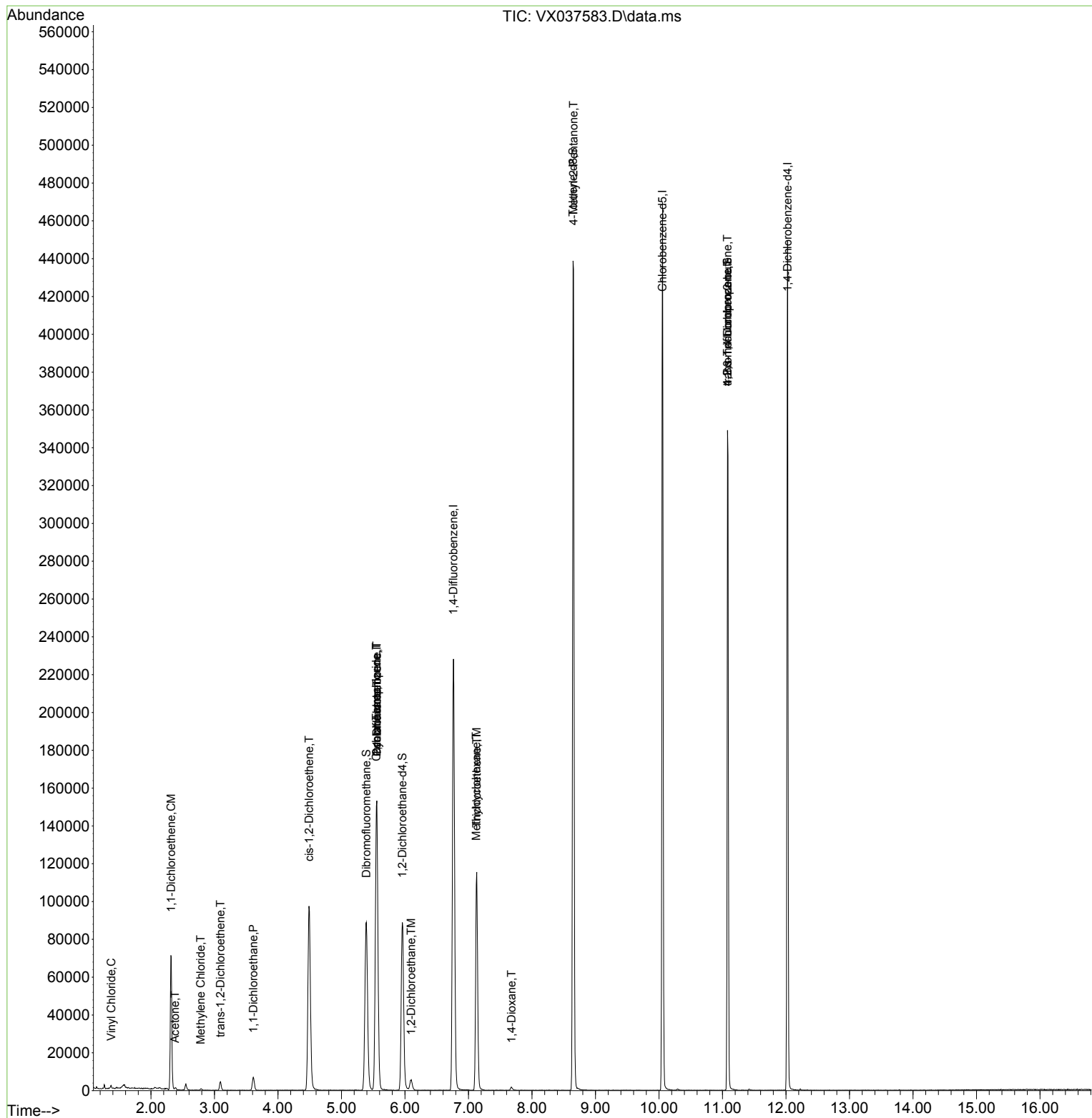
Internal Standards						
1) Pentafluorobenzene	5.556	168	147071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	248461	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88289	41.640	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.280%
35) Dibromofluoromethane	5.391	113	81268	49.388	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.780%
50) Toluene-d8	8.647	98	278520	46.662	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.320%
62) 4-Bromofluorobenzene	11.079	95	103301	44.039	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.080%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	1024	0.629	ug/l #	87
12) 1,1-Dichloroethene	2.319	96	26070	17.220	ug/l	81
16) Acetone	2.380	43	1458	1.758	ug/l #	82
20) Methylene Chloride	2.782	84	498	0.268	ug/l #	60
21) trans-1,2-Dichloroethene	3.093	96	2070	1.203	ug/l #	73
24) 1,1-Dichloroethane	3.611	63	7938	2.632	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	67448	33.244	ug/l	79
31) Cyclohexane	5.556	56	2648	1.111	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11179	4.782	ug/l #	51
38) Carbon Tetrachloride	5.550	117	15055	5.928	ug/l #	15
39) Methylcyclohexane	7.123	83	521	0.212	ug/l #	1
42) 1,2-Dichloroethane	6.099	62	6346	2.414	ug/l	91
44) Trichloroethene	7.129	130	47550	25.011	ug/l	98
49) 1,4-Dioxane	7.678	88	1640	32.934	ug/l #	88
51) 4-Methyl-2-Pentanone	8.653	43	920	0.400	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	48582	24.134	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	48582	67.408	ug/l #	5

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090723\
Data File : VX037583.D
Acq On : 07 Sep 2023 17:04
Operator : JC/MD
Sample : 04311-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Sep 08 00:47:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration

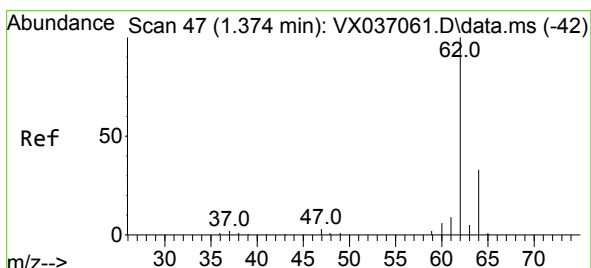
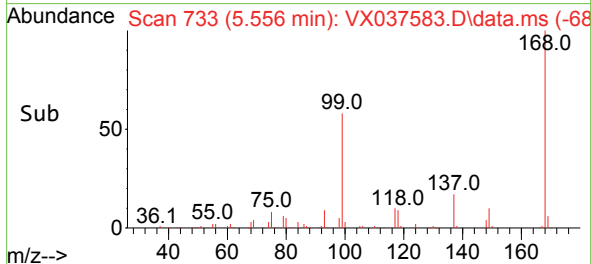
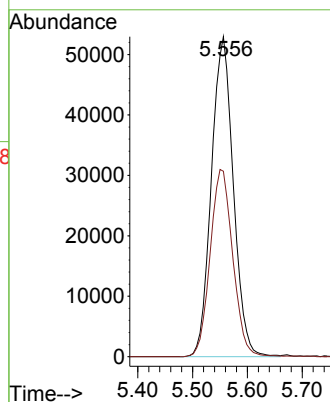
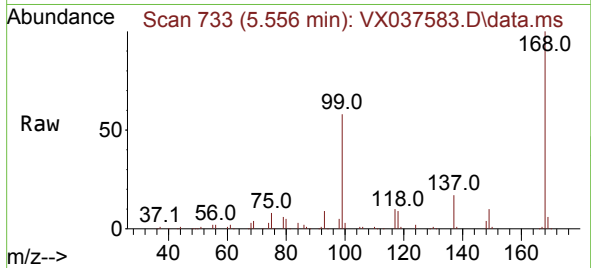




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037583.D
Acq: 07 Sep 2023 17:04

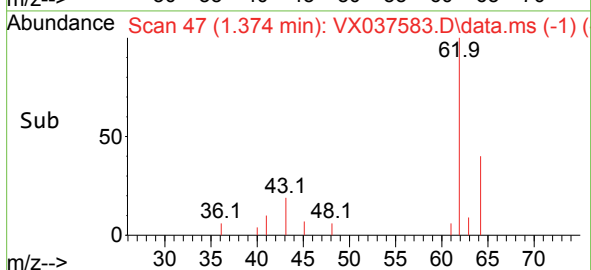
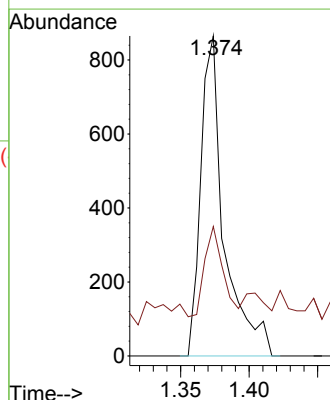
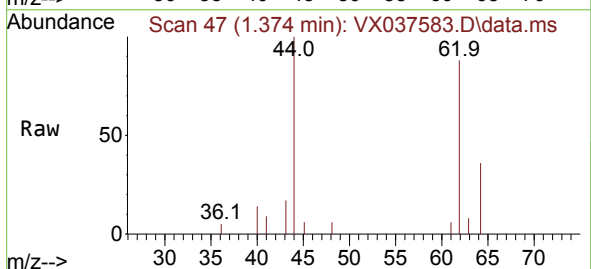
Instrument :
MSVOA_X
ClientSampleId :

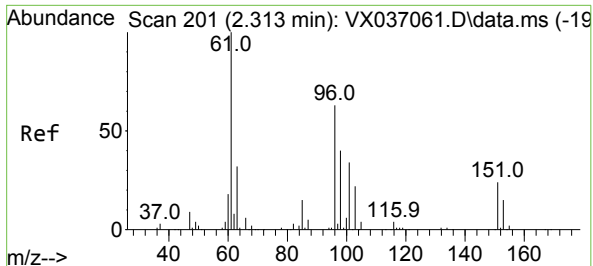
Tgt Ion:168 Resp: 147071
Ion Ratio Lower Upper
168 100
99 58.0 56.6 85.0



#4
Vinyl Chloride
Concen: 0.629 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX037583.D
Acq: 07 Sep 2023 17:04

Tgt Ion: 62 Resp: 1024
Ion Ratio Lower Upper
62 100
64 24.3 25.4 38.0#





#12

1,1-Dichloroethene

Concen: 17.220 ug/l

RT: 2.319 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX037583.D

Acq: 07 Sep 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

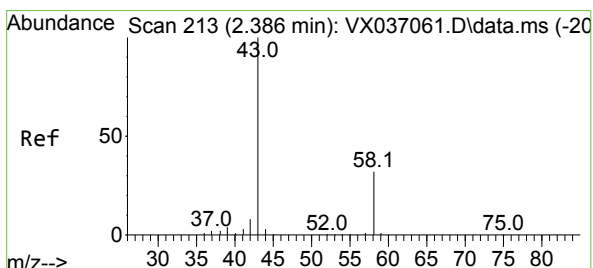
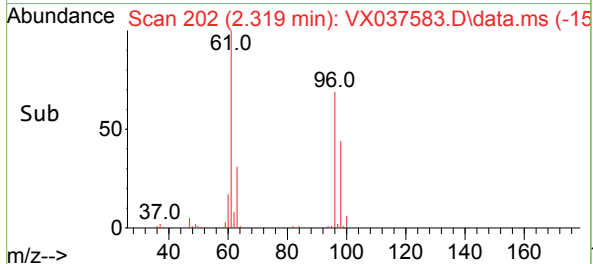
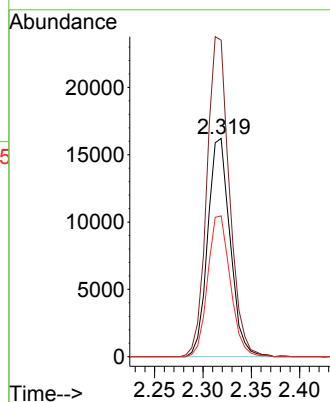
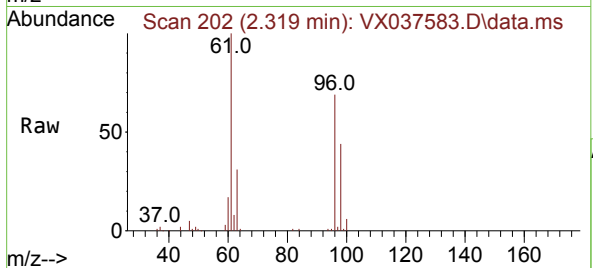
Tgt Ion: 96 Resp: 26070

Ion Ratio Lower Upper

96 100

61 145.1 144.6 216.8

98 64.5 50.4 75.6



#16

Acetone

Concen: 1.758 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX037583.D

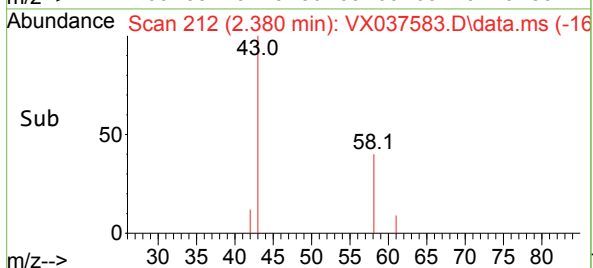
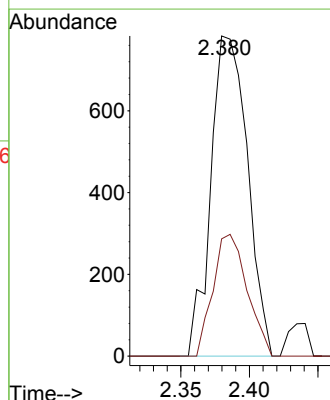
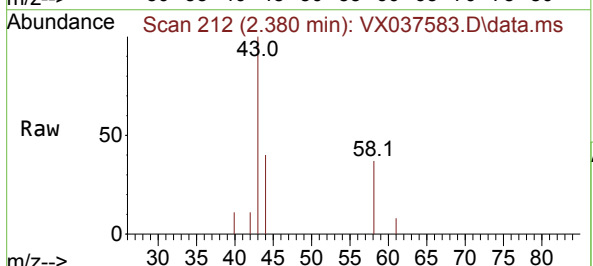
Acq: 07 Sep 2023 17:04

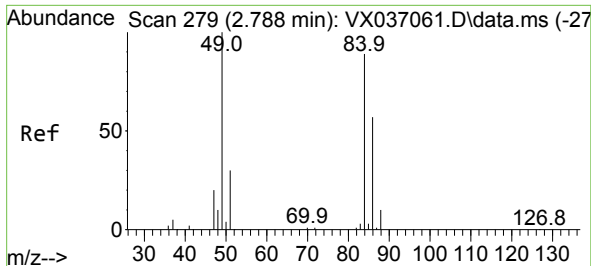
Tgt Ion: 43 Resp: 1458

Ion Ratio Lower Upper

43 100

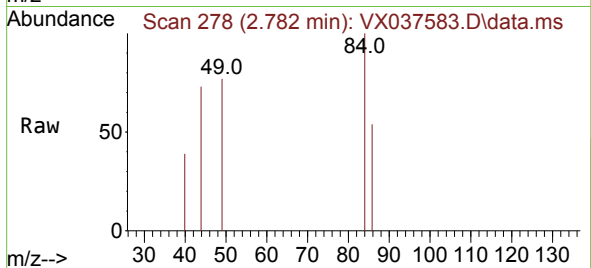
58 36.7 21.9 32.9#





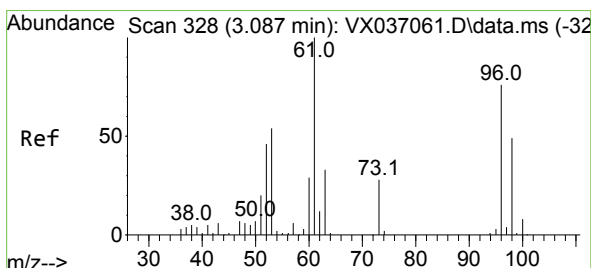
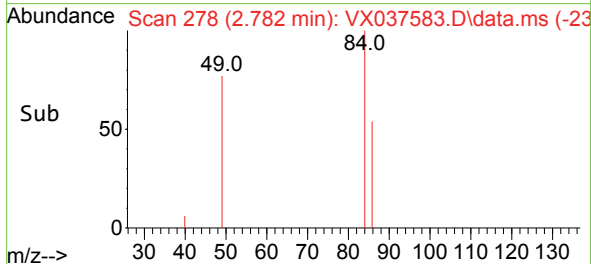
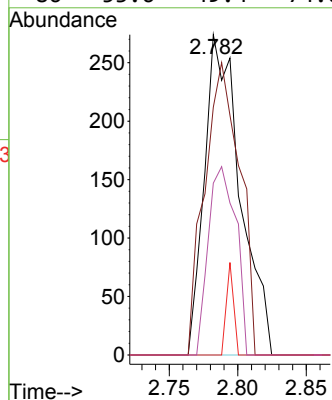
#20
Methylene Chloride
Concen: 0.268 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX037583.D
Acq: 07 Sep 2023 17:04

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 498

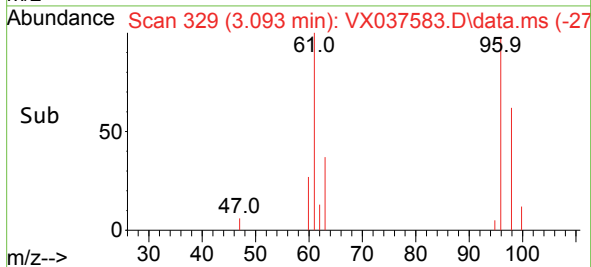
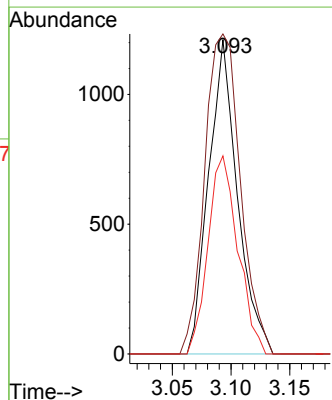
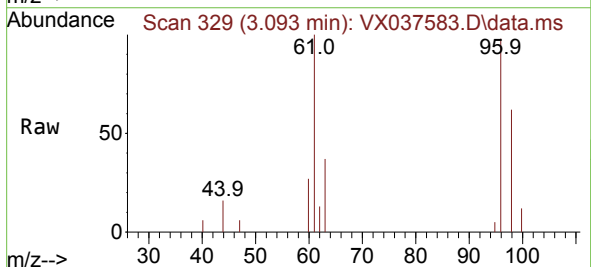
Ion	Ratio	Lower	Upper
84	100		
49	77.4	103.6	155.4#
51	0.0	33.8	50.6#
86	53.6	49.4	74.0

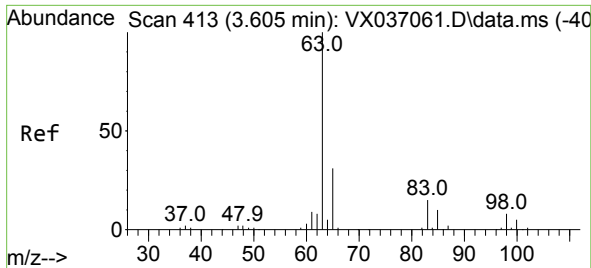


#21
trans-1,2-Dichloroethene
Concen: 1.203 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.006 min
Lab File: VX037583.D
Acq: 07 Sep 2023 17:04

Tgt Ion: 96 Resp: 2070

Ion	Ratio	Lower	Upper
96	100		
61	101.8	119.2	178.8#
98	63.0	48.7	73.1

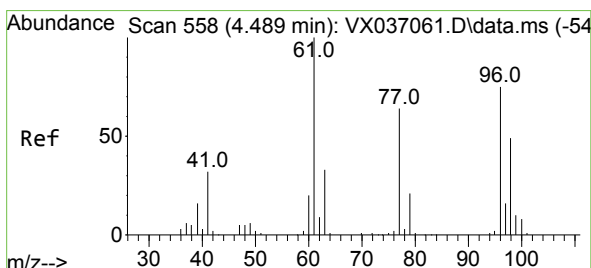
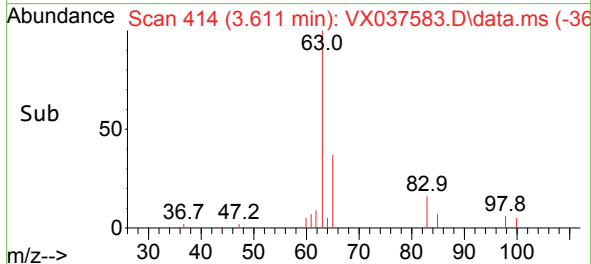
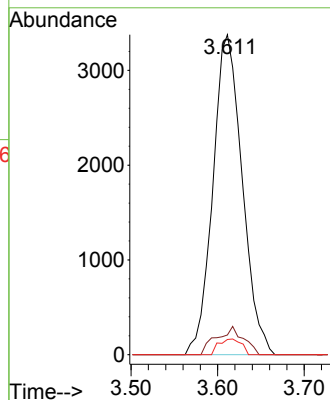
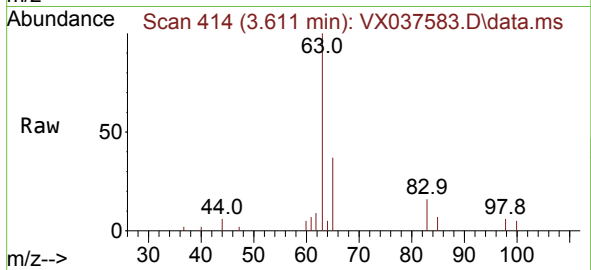




#24
1,1-Dichloroethane
Concen: 2.632 ug/l
RT: 3.611 min Scan# 413
Delta R.T. 0.006 min
Lab File: VX037583.D
Acq: 07 Sep 2023 17:04

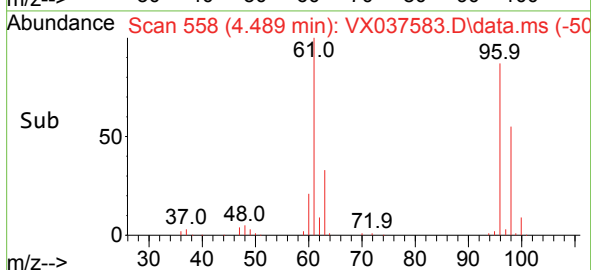
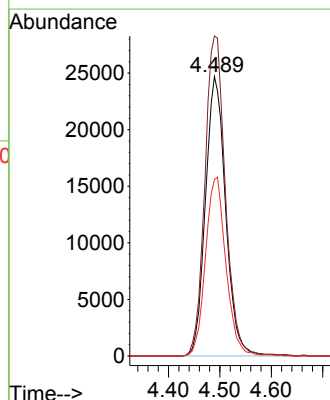
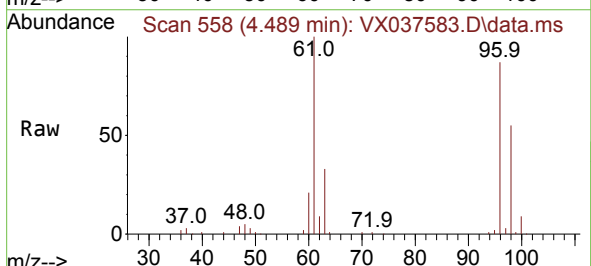
Instrument :
MSVOA_X
ClientSampleId :

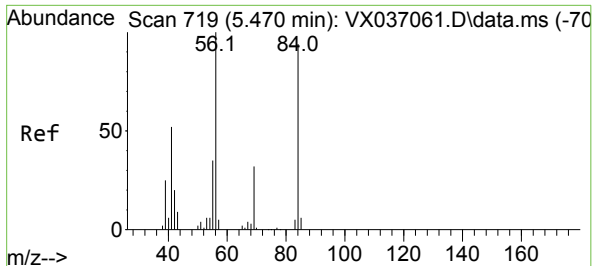
Tgt Ion: 63 Resp: 7938
Ion Ratio Lower Upper
63 100
98 6.2 3.3 9.8
100 4.7 2.1 6.5



#27
cis-1,2-Dichloroethene
Concen: 33.244 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX037583.D
Acq: 07 Sep 2023 17:04

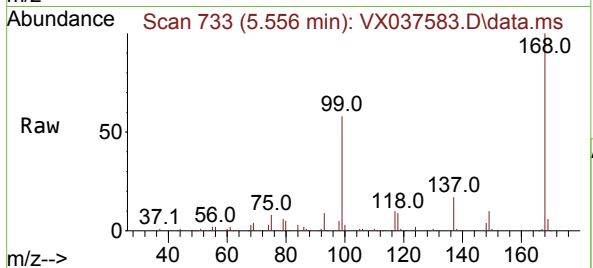
Tgt Ion: 96 Resp: 67448
Ion Ratio Lower Upper
96 100
61 116.7 0.0 312.2
98 64.4 0.0 129.0



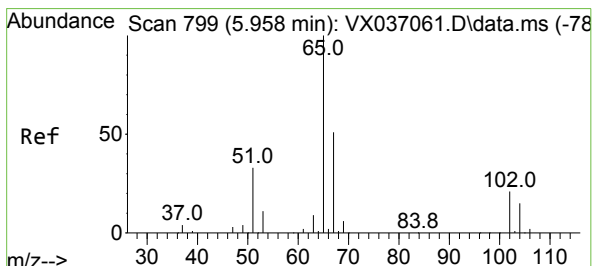
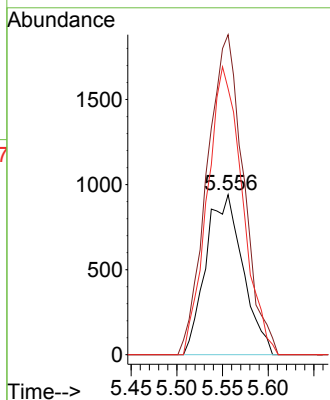
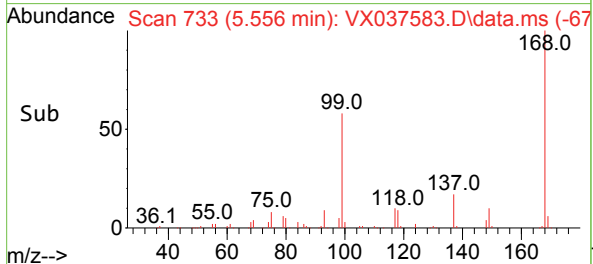


#31
Cyclohexane
Concen: 1.111 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX037583.D
Acq: 07 Sep 2023 17:04

Instrument :
MSVOA_X
ClientSampleId :

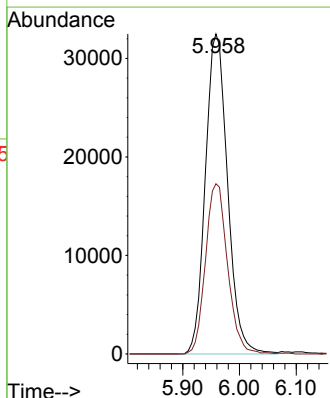
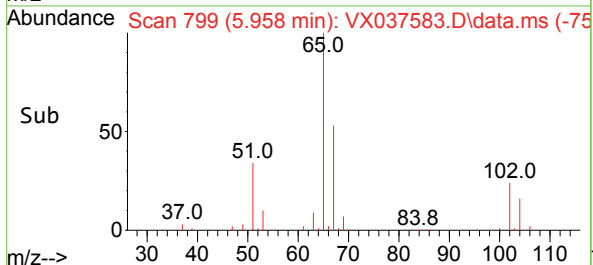
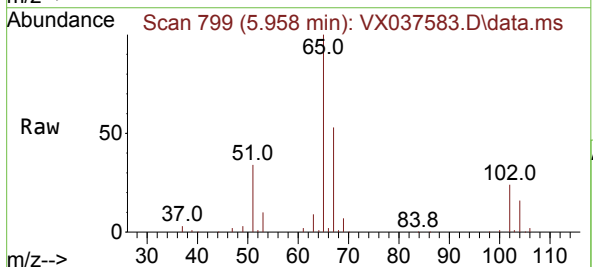


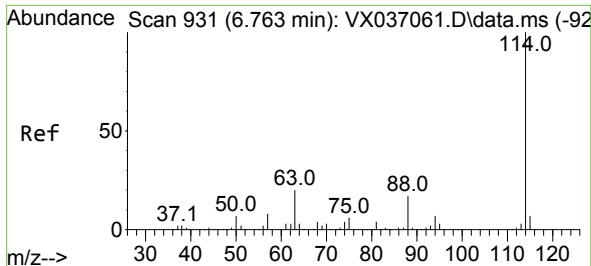
Tgt Ion: 56 Resp: 2648
Ion Ratio Lower Upper
56 100
69 199.9 23.4 35.2#
84 166.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 41.640 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037583.D
Acq: 07 Sep 2023 17:04

Tgt Ion: 65 Resp: 88289
Ion Ratio Lower Upper
65 100
67 52.8 0.0 100.2

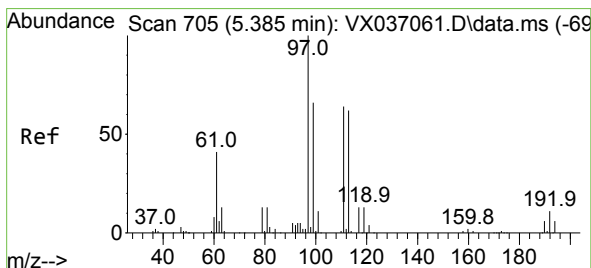
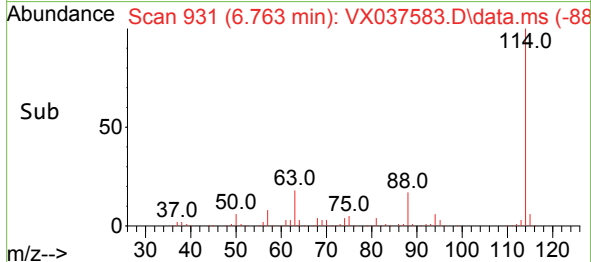
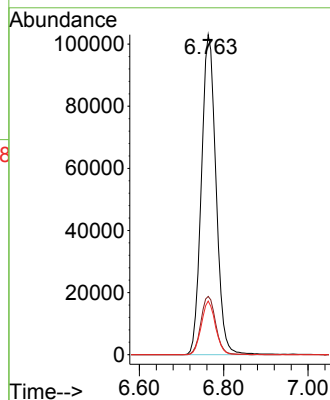
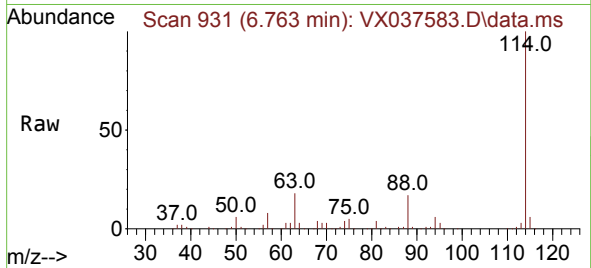




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX037583.D
Acq: 07 Sep 2023 17:04

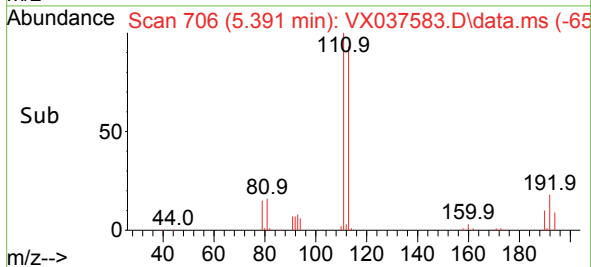
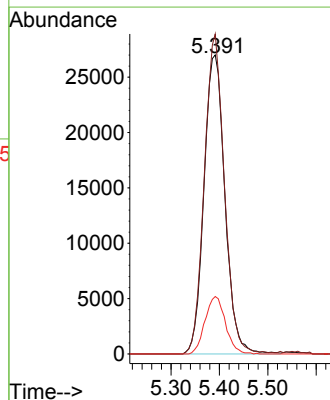
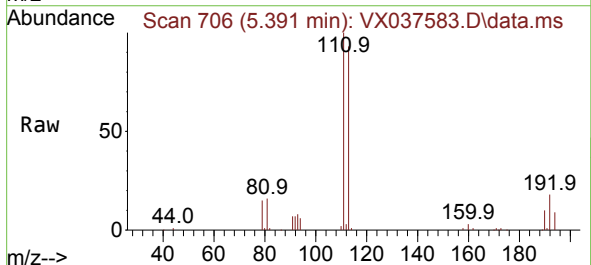
Instrument :
MSVOA_X
ClientSampleId :

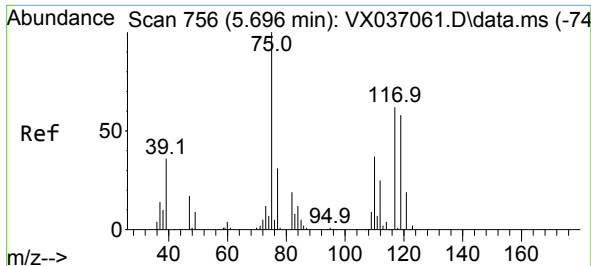
Tgt Ion:114 Resp: 248461
Ion Ratio Lower Upper
114 100
63 18.2 0.0 45.0
88 16.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.388 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037583.D
Acq: 07 Sep 2023 17:04

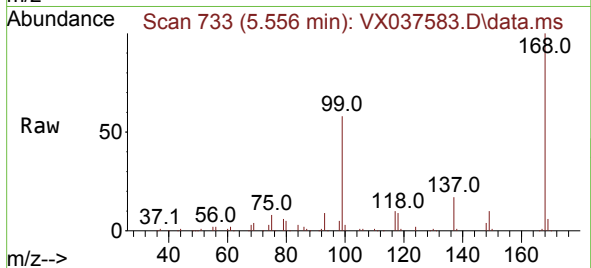
Tgt Ion:113 Resp: 81268
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 18.8 13.3 19.9



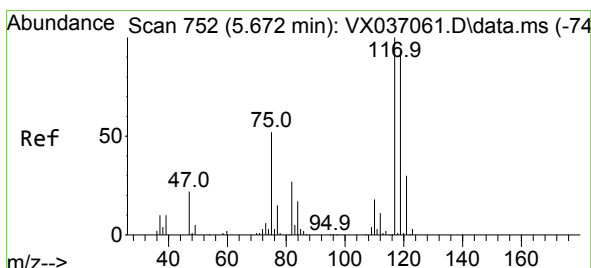
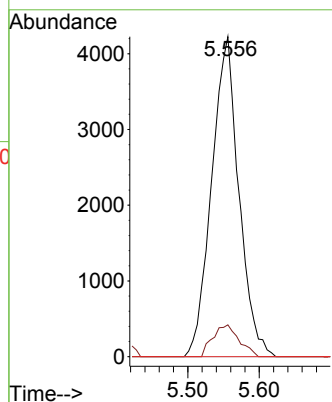
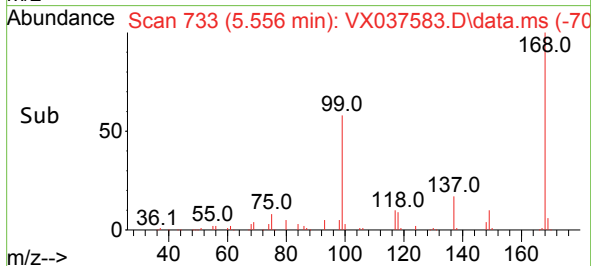


#36
1,1-Dichloropropene
Concen: 4.782 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX037583.D
Acq: 07 Sep 2023 17:04

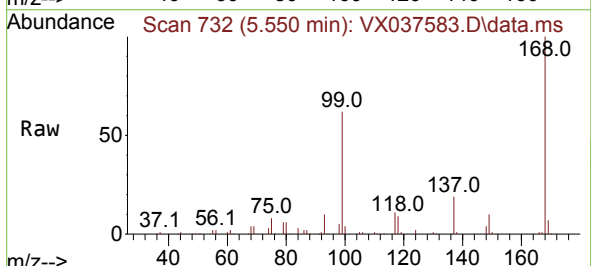
Instrument :
MSVOA_X
ClientSampleId :



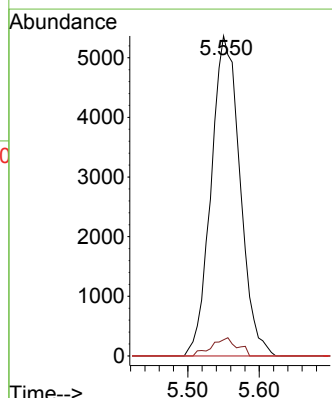
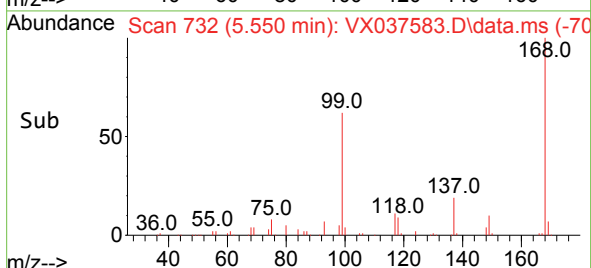
Tgt Ion: 75 Resp: 11179
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#

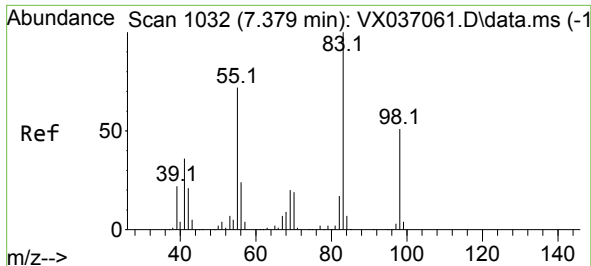


#38
Carbon Tetrachloride
Concen: 5.928 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX037583.D
Acq: 07 Sep 2023 17:04



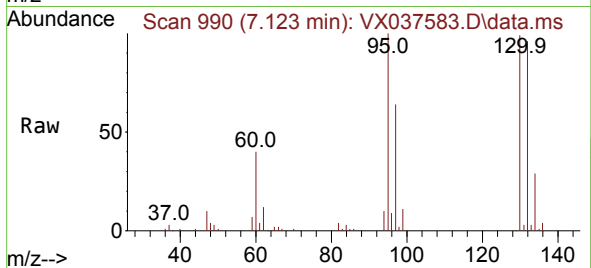
Tgt Ion: 117 Resp: 15055
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#



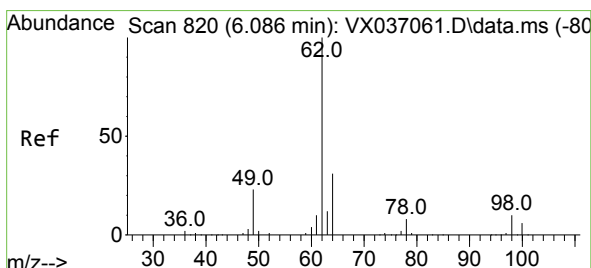
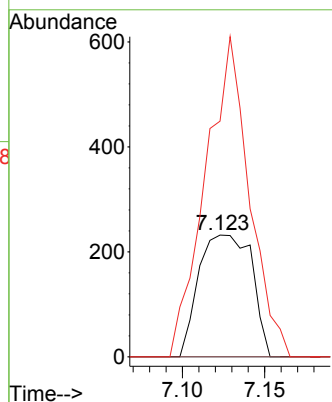
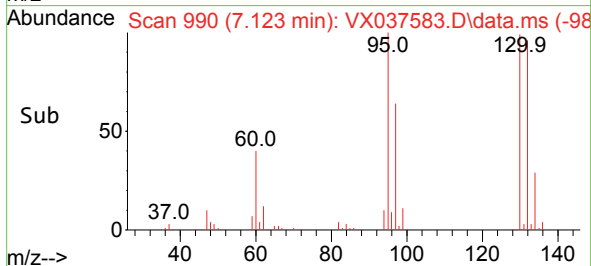


#39
Methylcyclohexane
Concen: 0.212 ug/l
RT: 7.123 min Scan# 99
Delta R.T. -0.256 min
Lab File: VX037583.D
Acq: 07 Sep 2023 17:04

Instrument :
MSVOA_X
ClientSampleId :

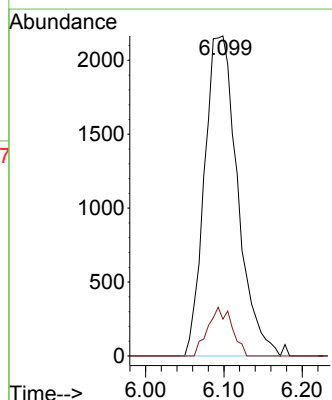
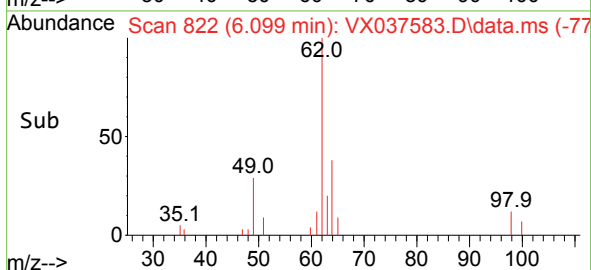
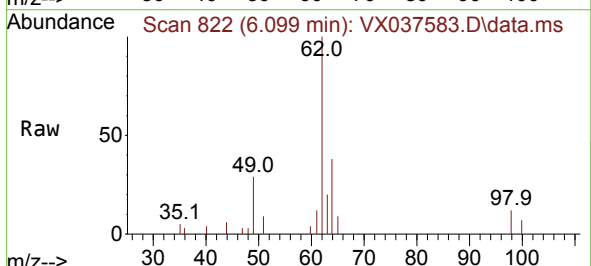


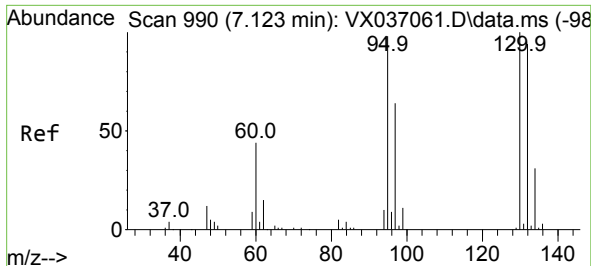
Tgt Ion: 83 Resp: 521
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 170.7 36.7 55.1#



#42
1,2-Dichloroethane
Concen: 2.414 ug/l
RT: 6.099 min Scan# 822
Delta R.T. 0.012 min
Lab File: VX037583.D
Acq: 07 Sep 2023 17:04

Tgt Ion: 62 Resp: 6346
Ion Ratio Lower Upper
62 100
98 11.1 0.0 16.0

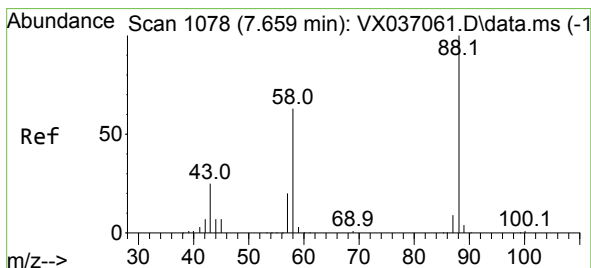
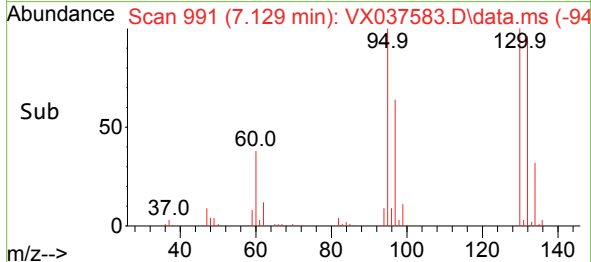
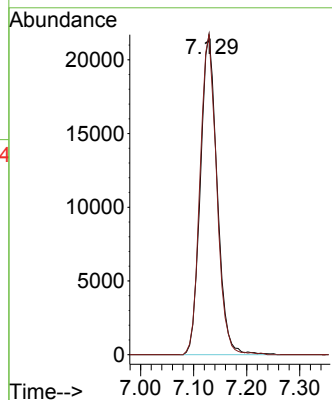
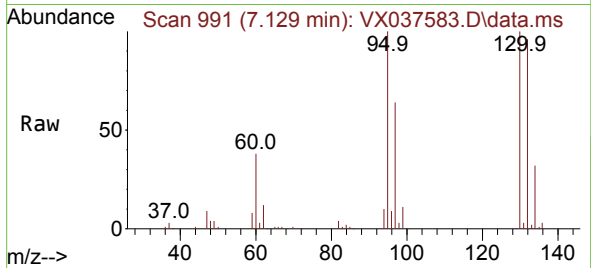




#44
Trichloroethene
Concen: 25.011 ug/l
RT: 7.129 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX037583.D
Acq: 07 Sep 2023 17:04

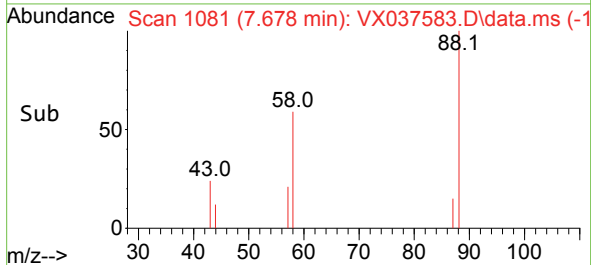
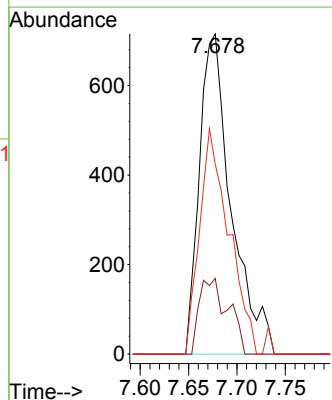
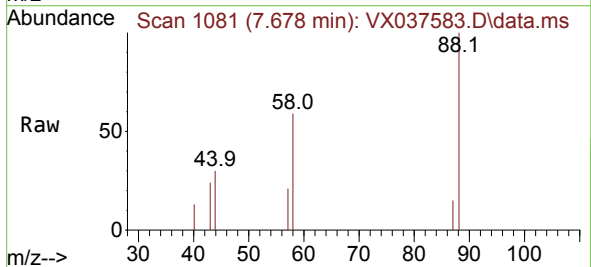
Instrument :
MSVOA_X
ClientSampleId :

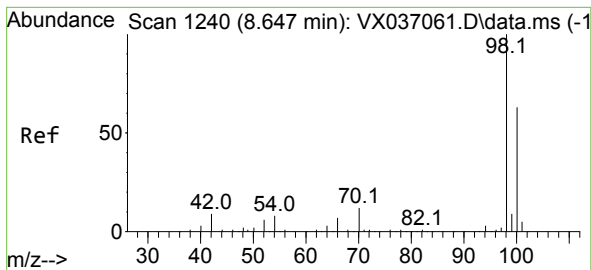
Tgt Ion:130 Resp: 47550
Ion Ratio Lower Upper
130 100
95 100.0 0.0 204.4



#49
1,4-Dioxane
Concen: 32.934 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.018 min
Lab File: VX037583.D
Acq: 07 Sep 2023 17:04

Tgt Ion: 88 Resp: 1640
Ion Ratio Lower Upper
88 100
43 21.3 0.0 0.0#
58 64.8 60.1 90.1





#50

Toluene-d8

Concen: 46.662 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037583.D

Acq: 07 Sep 2023 17:04

Instrument :

MSVOA_X

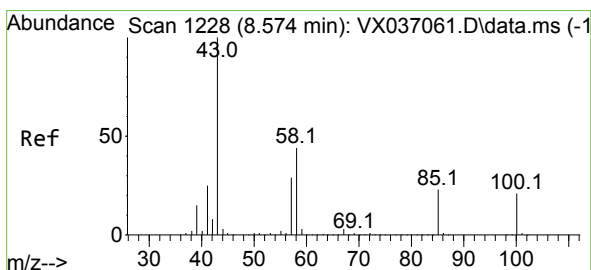
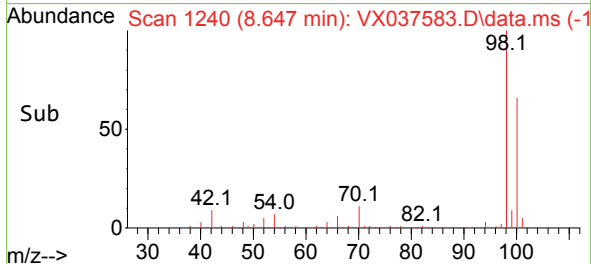
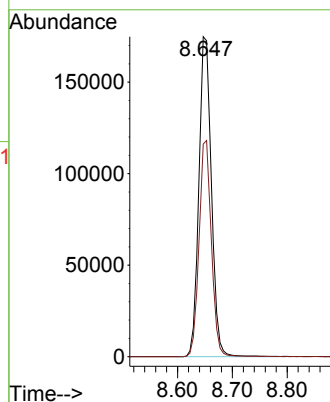
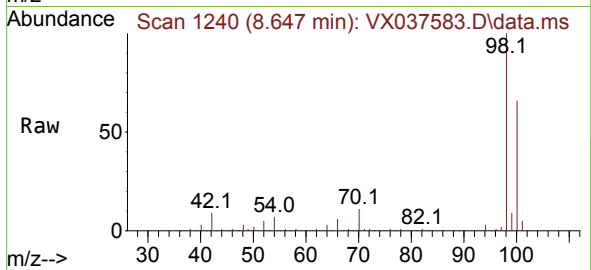
ClientSampleId :

Tgt Ion: 98 Resp: 278520

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.400 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX037583.D

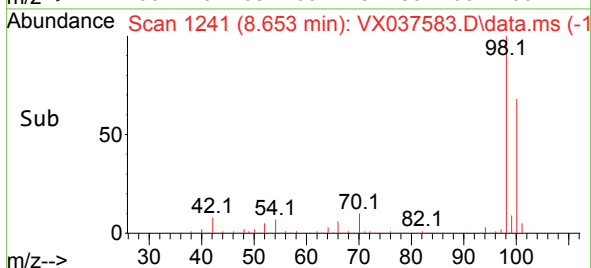
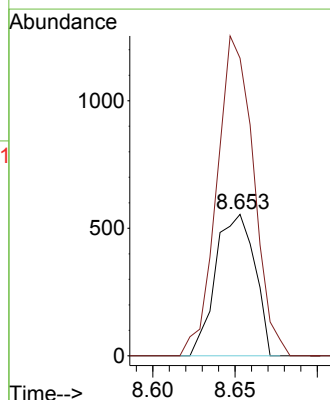
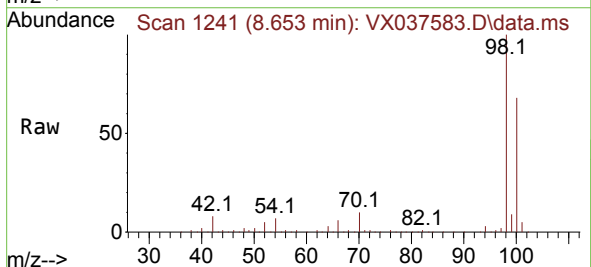
Acq: 07 Sep 2023 17:04

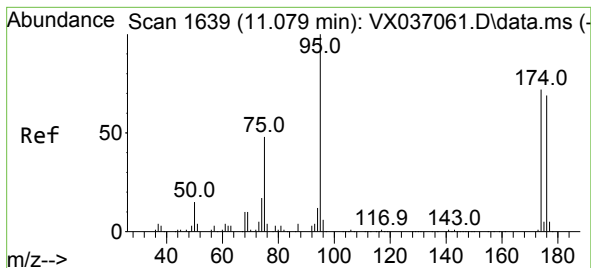
Tgt Ion: 43 Resp: 920

Ion Ratio Lower Upper

43 100

58 212.4 30.4 45.6#

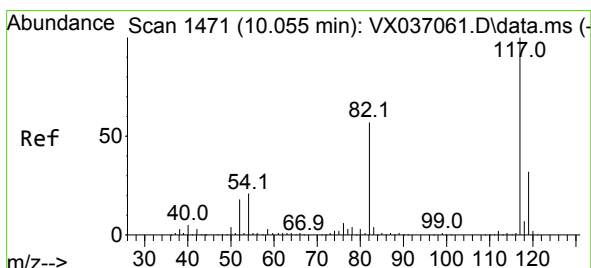
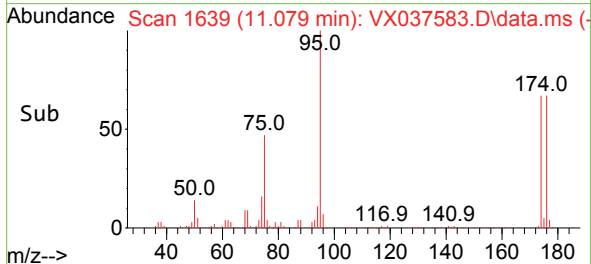
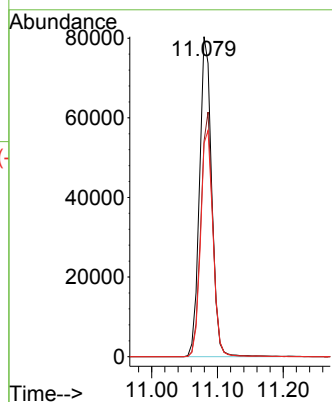
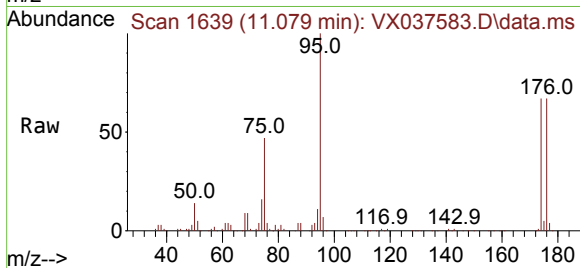




#62
4-Bromofluorobenzene
Concen: 44.039 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037583.D
Acq: 07 Sep 2023 17:04

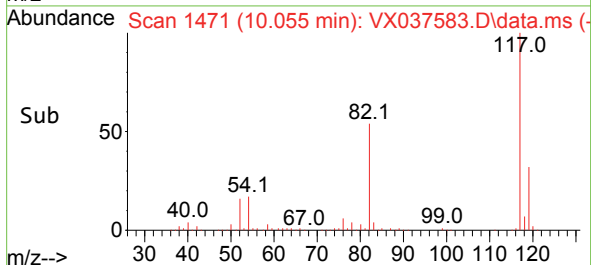
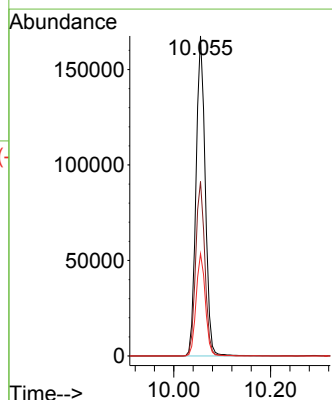
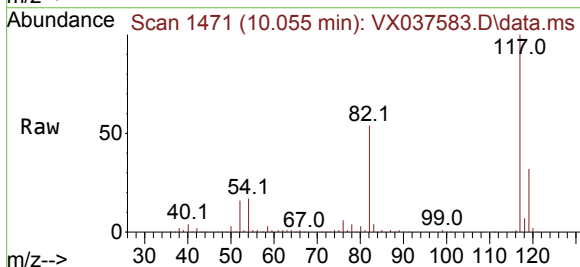
Instrument :
MSVOA_X
ClientSampleId :

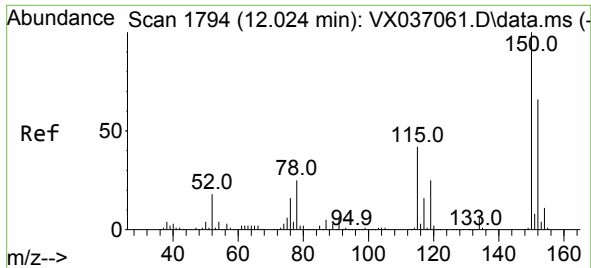
Tgt Ion: 95 Resp: 103301
Ion Ratio Lower Upper
95 100
174 75.9 0.0 135.6
176 71.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037583.D
Acq: 07 Sep 2023 17:04

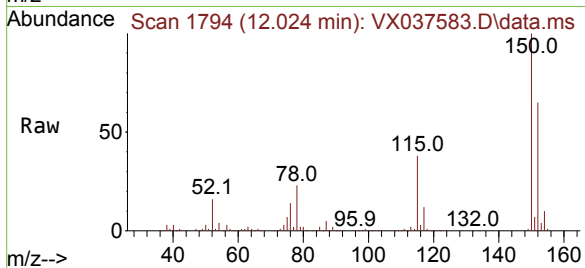
Tgt Ion: 117 Resp: 221003
Ion Ratio Lower Upper
117 100
82 54.5 46.2 69.4
119 31.9 25.5 38.3



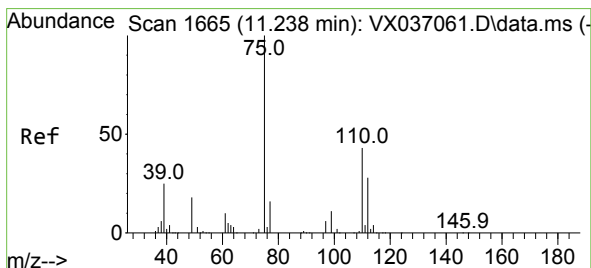
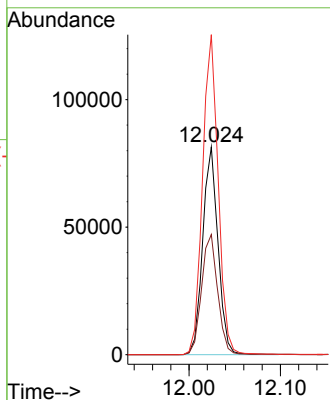
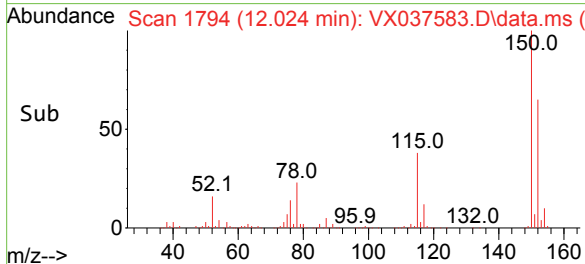


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037583.D
 Acq: 07 Sep 2023 17:04

Instrument :
 MSVOA_X
 ClientSampleId :

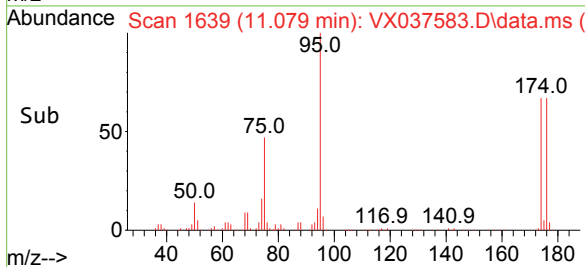
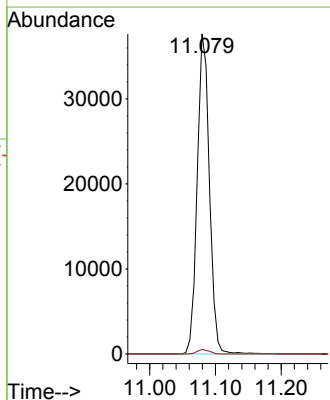
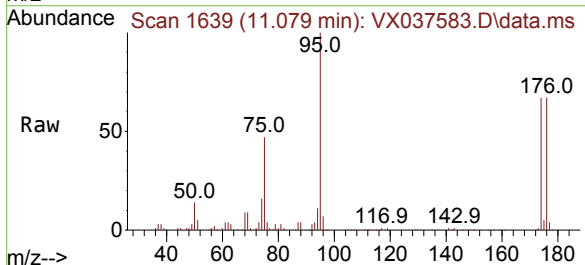


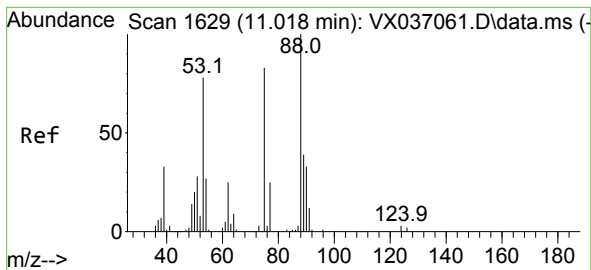
Tgt Ion:152 Resp: 94521
 Ion Ratio Lower Upper
 152 100
 115 61.1 43.3 129.9
 150 157.5 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 24.134 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX037583.D
 Acq: 07 Sep 2023 17:04

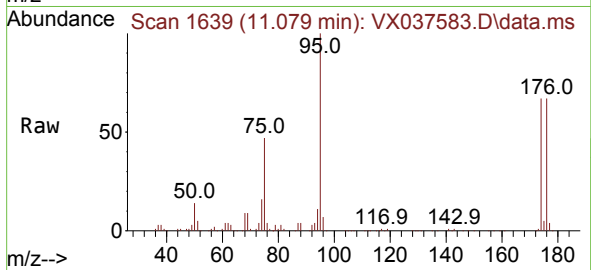
Tgt Ion: 75 Resp: 48582
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.408 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037583.D
 Acq: 07 Sep 2023 17:04

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 48582
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

