

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091323\
 Data File : VX037689.D
 Acq On : 13 Sep 2023 12:51
 Operator : JC/MD
 Sample : 04373-03DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 14 02:18:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

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

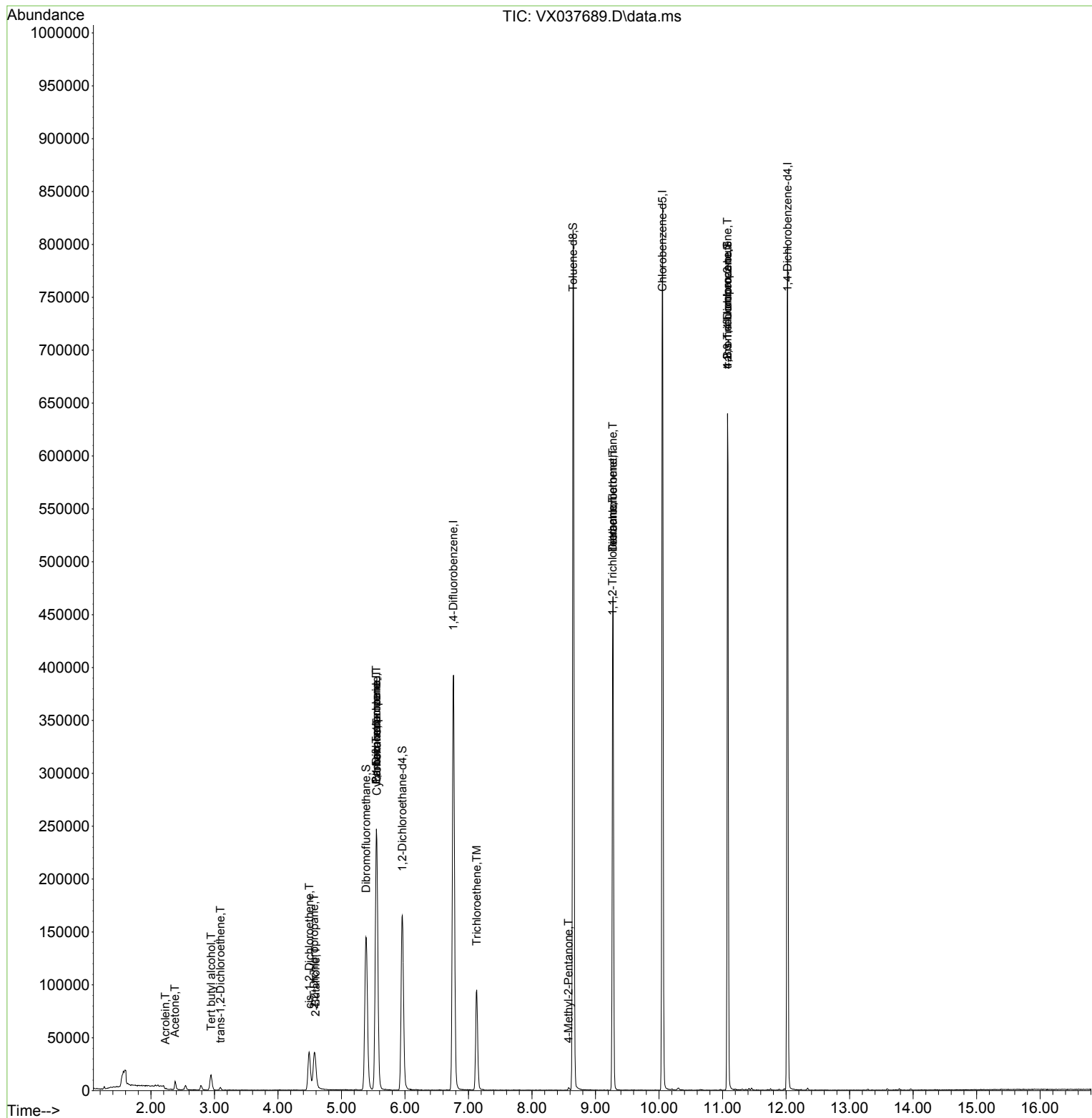
Internal Standards						
1) Pentafluorobenzene	5.550	168	231544	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	406052	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	374905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	162142	43.282	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.560%
35) Dibromofluoromethane	5.385	113	129600	45.029	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.060%
50) Toluene-d8	8.647	98	492510	45.373	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.740%#
62) 4-Bromofluorobenzene	11.079	95	169426	43.264	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.520%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	8926	0.687	ug/l #	82
13) Acrolein	2.227	56	204	0.333	ug/l #	65
16) Acetone	2.380	43	8158	5.386	ug/l #	88
20) Methylene Chloride	2.788	84	2181	Below Cal	#	93
21) trans-1,2-Dichloroethene	3.093	96	966	0.352	ug/l #	75
25) 2-Butanone	4.593	43	3009	1.218	ug/l #	90
26) 2,2-Dichloropropane	4.568	77	2952	0.801	ug/l #	54
27) cis-1,2-Dichloroethene	4.495	96	23710	7.094	ug/l	82
31) Cyclohexane	5.556	56	5273	1.222	ug/l #	22
36) 1,1-Dichloropropene	5.550	75	19451	4.968	ug/l #	51
38) Carbon Tetrachloride	5.550	117	24013	6.003	ug/l #	15
44) Trichloroethene	7.129	130	36610	12.345	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	1510	0.322	ug/l	98
55) 1,1,2-Trichloroethane	9.269	97	759	0.236	ug/l #	1
60) Dibromochloromethane	9.275	129	80888	25.625	ug/l #	11
64) Tetrachloroethene	9.275	164	81816	33.683	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	89705	25.347	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	89705	77.047	ug/l #	5

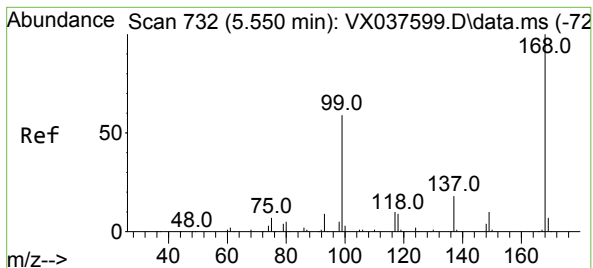
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091323\
Data File : VX037689.D
Acq On : 13 Sep 2023 12:51
Operator : JC/MD
Sample : 04373-03DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Sep 14 02:18:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 10:10:04 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX037689.D

Acq: 13 Sep 2023 12:51

Instrument :

MSVOA_X

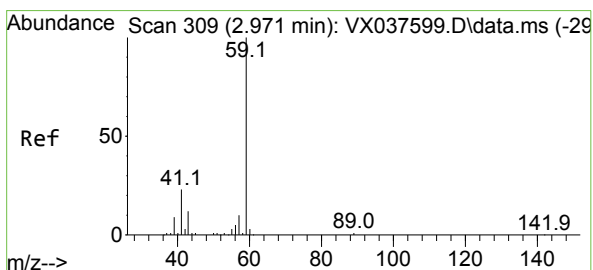
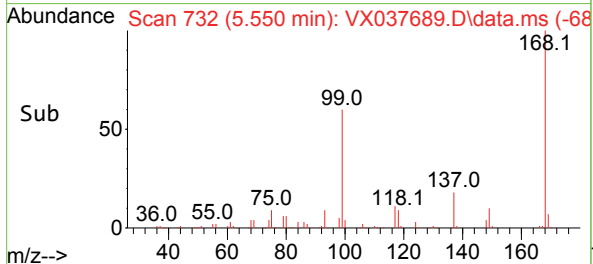
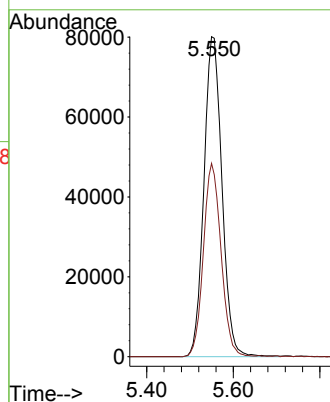
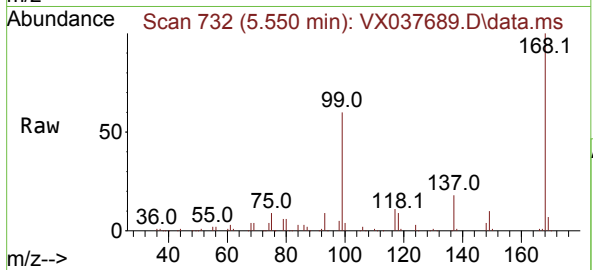
ClientSampleId :

Tgt Ion:168 Resp: 231544

Ion Ratio Lower Upper

168 100

99 60.4 56.6 85.0



#11

Tert butyl alcohol

Concen: 0.687 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.024 min

Lab File: VX037689.D

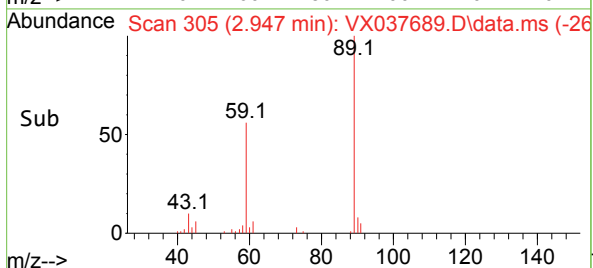
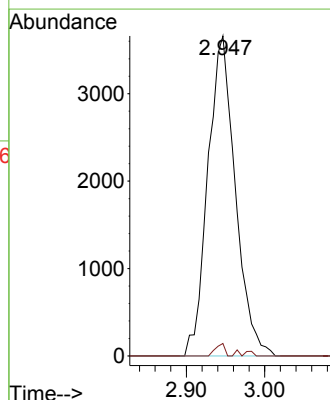
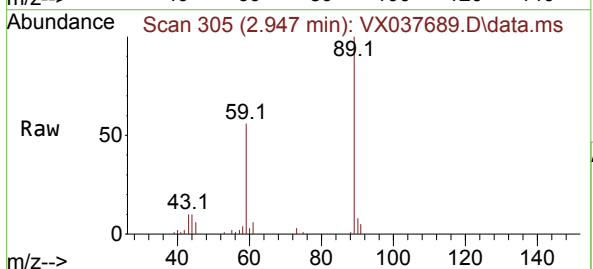
Acq: 13 Sep 2023 12:51

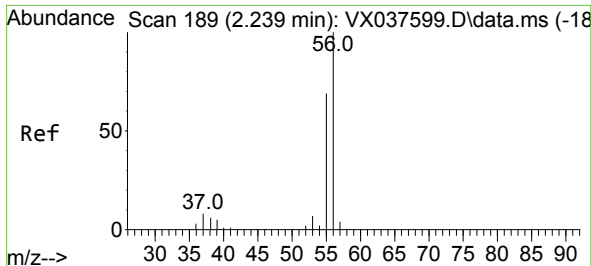
Tgt Ion: 59 Resp: 8926

Ion Ratio Lower Upper

59 100

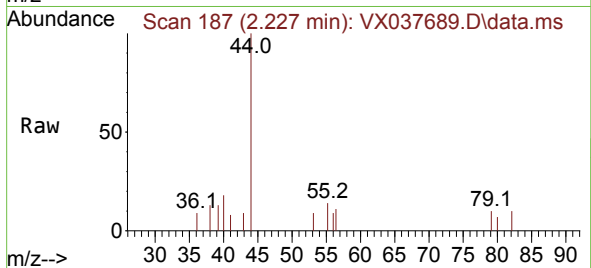
57 1.3 6.0 9.0#



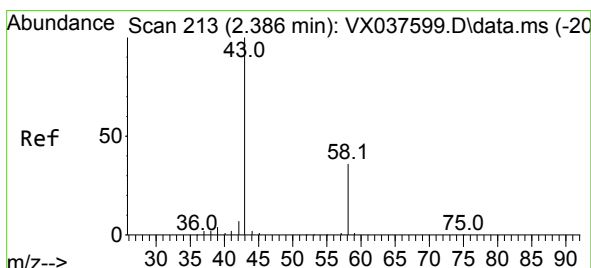
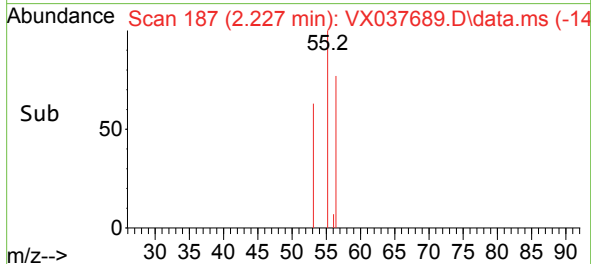
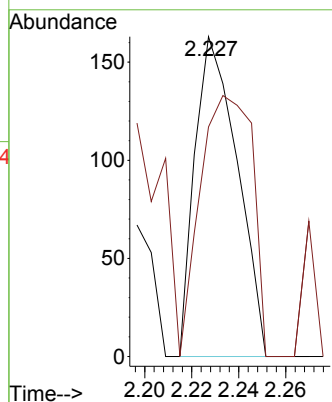


#13
Acrolein
Concen: 0.333 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX037689.D
Acq: 13 Sep 2023 12:51

Instrument :
MSVOA_X
ClientSampleId :

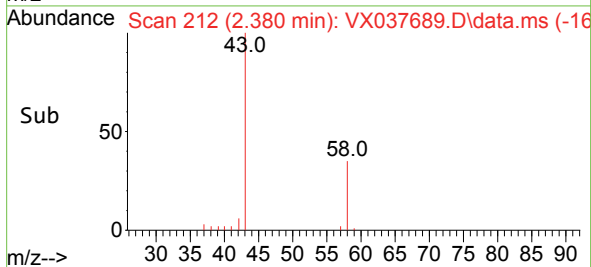
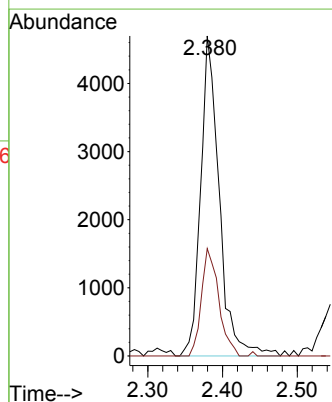
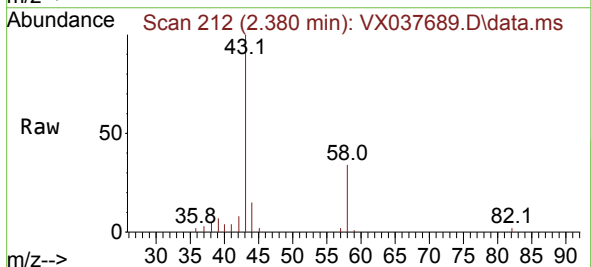


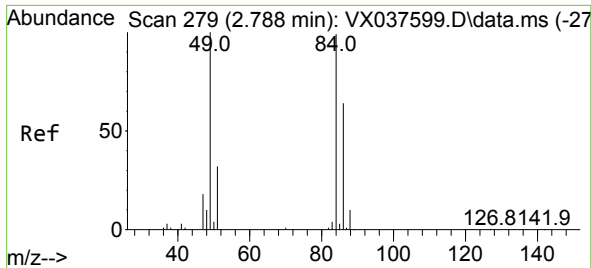
Tgt Ion: 56 Resp: 204
Ion Ratio Lower Upper
56 100
55 100.5 57.1 85.7#



#16
Acetone
Concen: 5.386 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037689.D
Acq: 13 Sep 2023 12:51

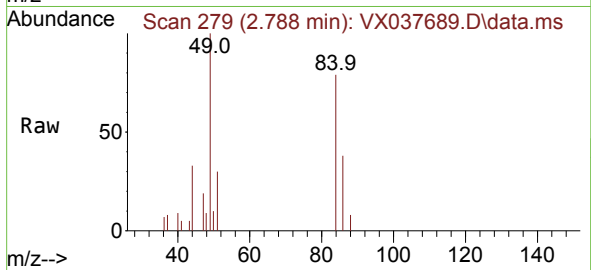
Tgt Ion: 43 Resp: 8158
Ion Ratio Lower Upper
43 100
58 33.6 21.9 32.9#



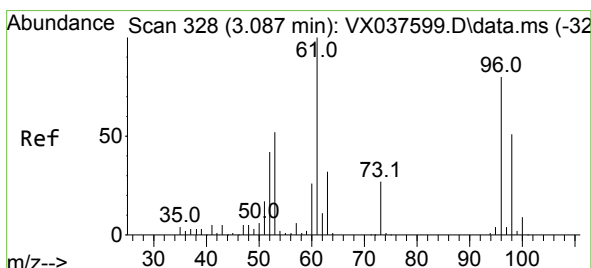
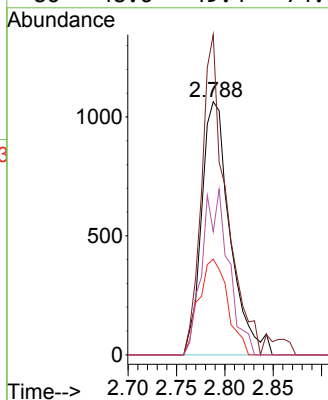
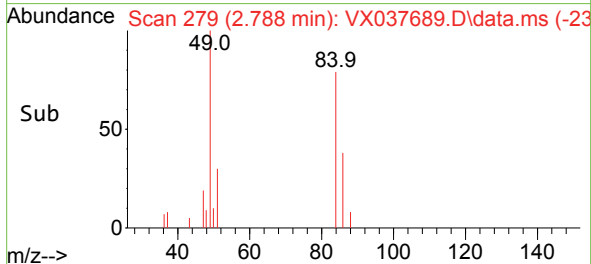


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037689.D
Acq: 13 Sep 2023 12:51

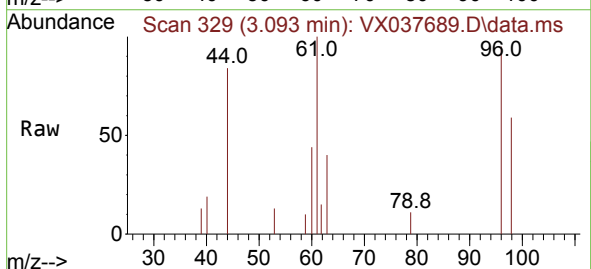
Instrument :
MSVOA_X
ClientSampleId :



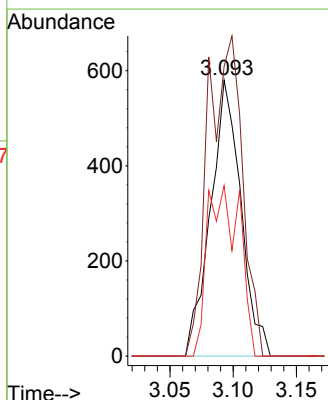
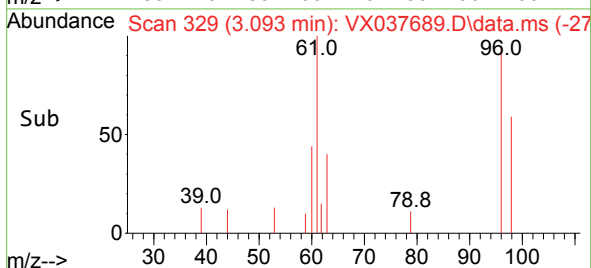
Tgt Ion: 84 Resp: 2181
Ion Ratio Lower Upper
84 100
49 126.5 103.6 155.4
51 37.8 33.8 50.6
86 48.6 49.4 74.0#

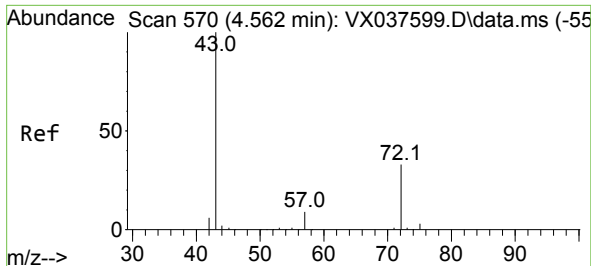


#21
trans-1,2-Dichloroethene
Concen: 0.352 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.006 min
Lab File: VX037689.D
Acq: 13 Sep 2023 12:51



Tgt Ion: 96 Resp: 966
Ion Ratio Lower Upper
96 100
61 105.0 119.2 178.8#
98 61.7 48.7 73.1

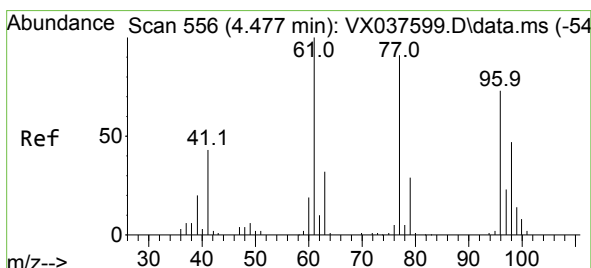
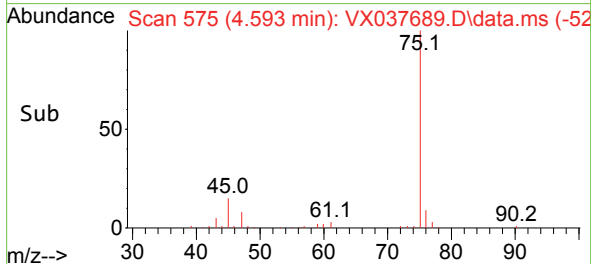
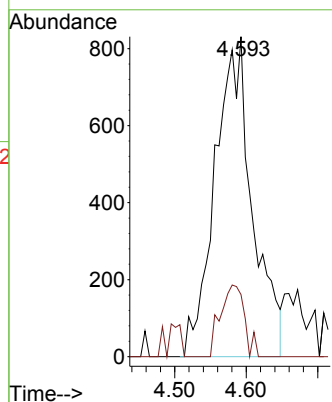
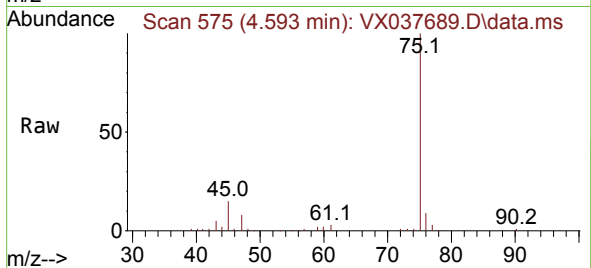




#25
2-Butanone
Concen: 1.218 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX037689.D
Acq: 13 Sep 2023 12:51

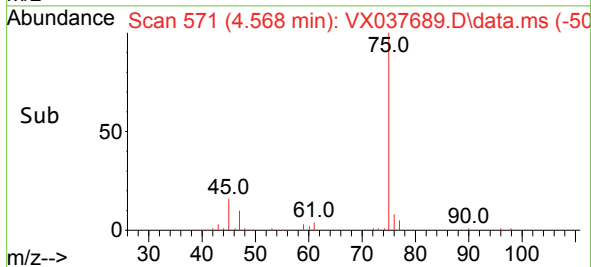
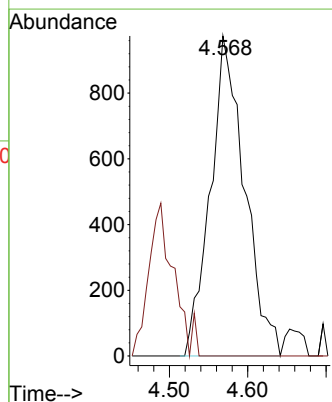
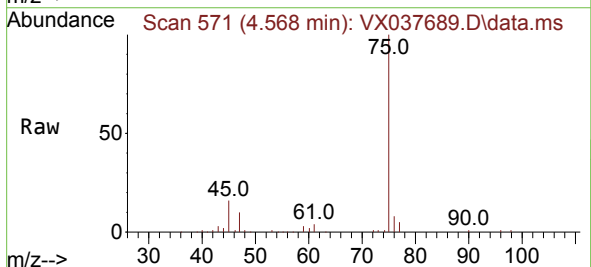
Instrument :
MSVOA_X
ClientSampleId :

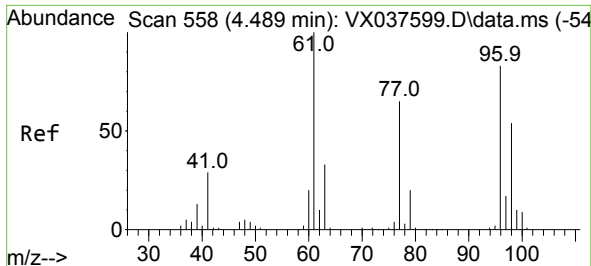
Tgt Ion: 43 Resp: 3009
Ion Ratio Lower Upper
43 100
72 19.4 19.4 29.2#



#26
2,2-Dichloropropane
Concen: 0.801 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.091 min
Lab File: VX037689.D
Acq: 13 Sep 2023 12:51

Tgt Ion: 77 Resp: 2952
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#





#27

cis-1,2-Dichloroethene

Concen: 7.094 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

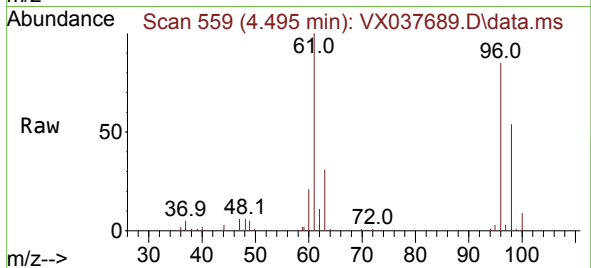
Lab File: VX037689.D

Acq: 13 Sep 2023 12:51

Instrument :

MSVOA_X

ClientSampleId :



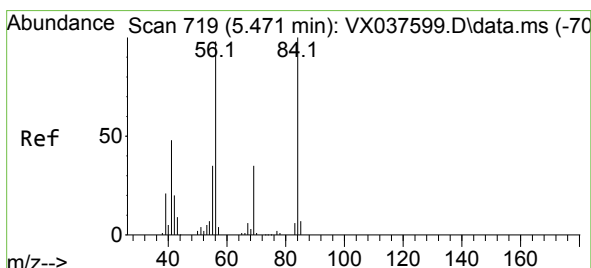
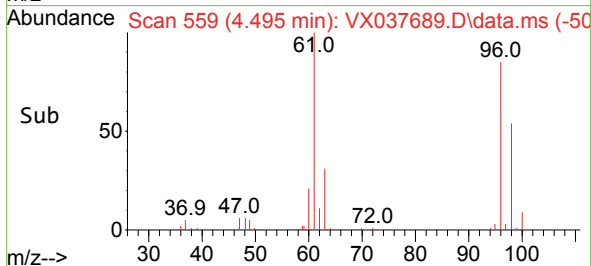
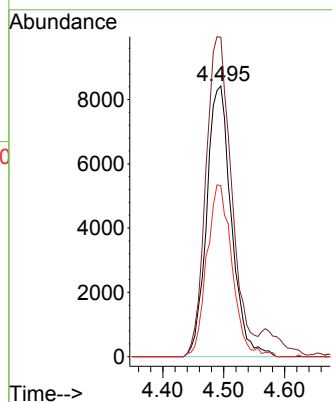
Tgt Ion: 96 Resp: 23710

Ion Ratio Lower Upper

96 100

61 123.8 0.0 312.2

98 64.9 0.0 129.0



#31

Cyclohexane

Concen: 1.222 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX037689.D

Acq: 13 Sep 2023 12:51

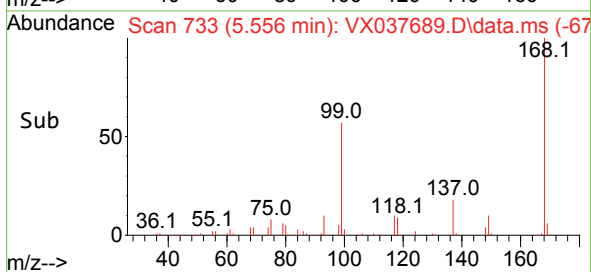
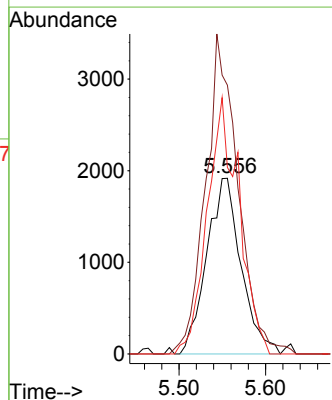
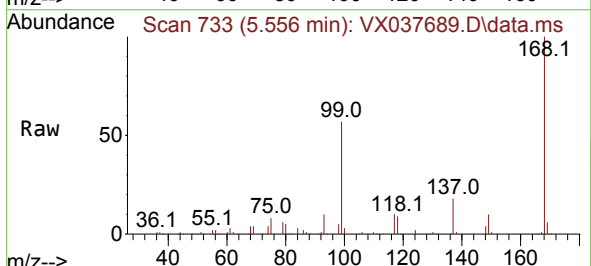
Tgt Ion: 56 Resp: 5273

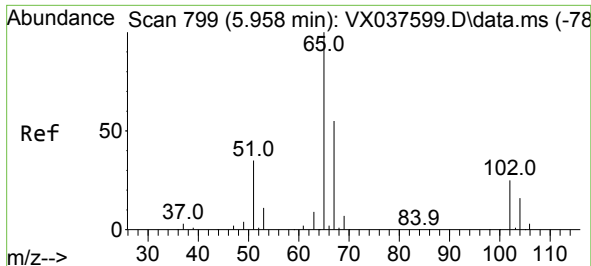
Ion Ratio Lower Upper

56 100

69 148.4 23.4 35.2#

84 106.2 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 43.282 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037689.D

Acq: 13 Sep 2023 12:51

Instrument :

MSVOA_X

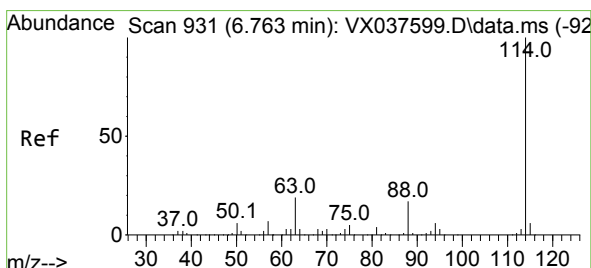
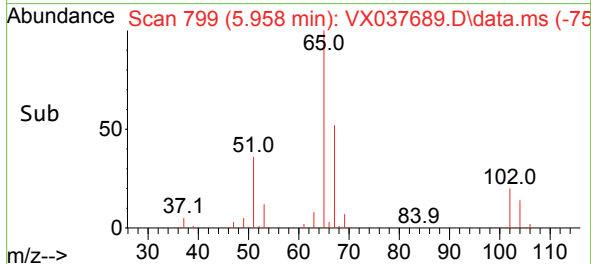
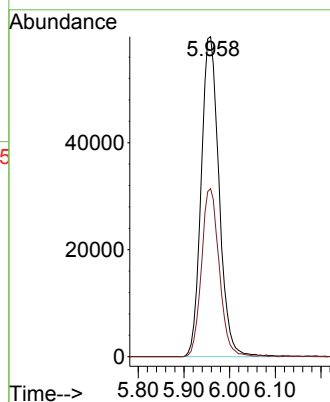
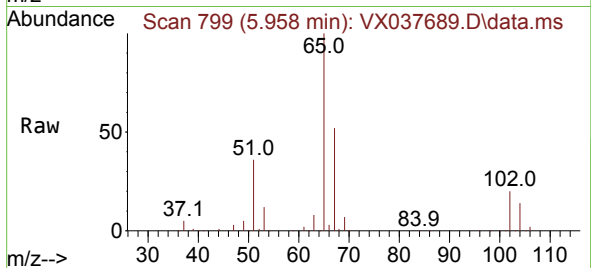
ClientSampleId :

Tgt Ion: 65 Resp: 162142

Ion Ratio Lower Upper

65 100

67 52.1 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: VX037689.D

Acq: 13 Sep 2023 12:51

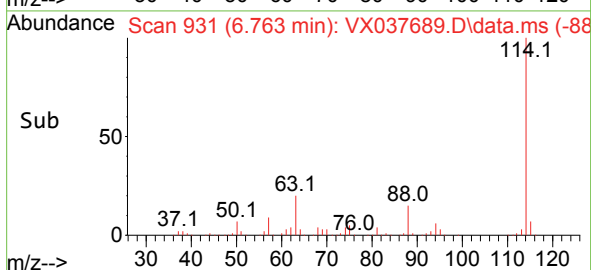
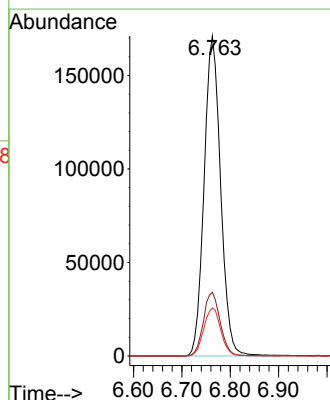
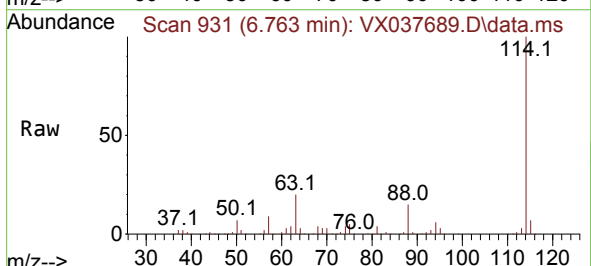
Tgt Ion:114 Resp: 406052

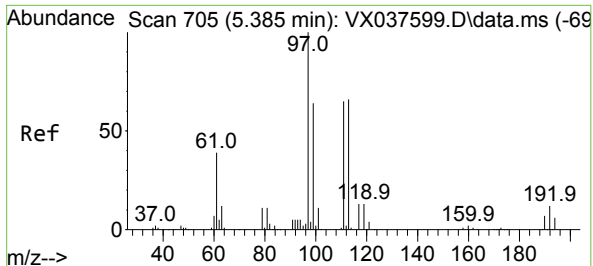
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

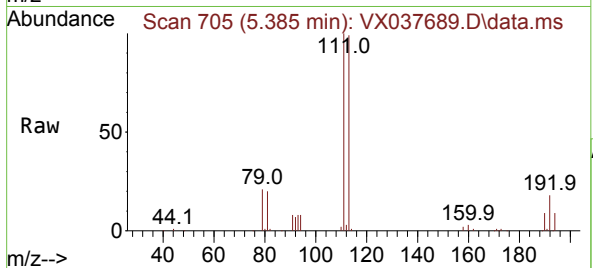
88 15.0 0.0 36.6



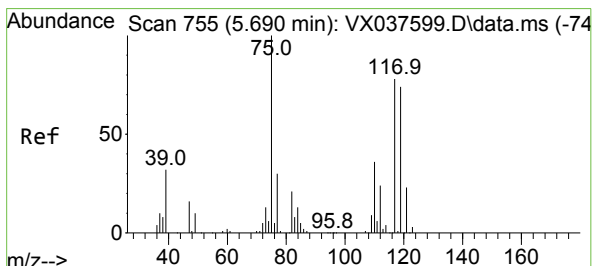
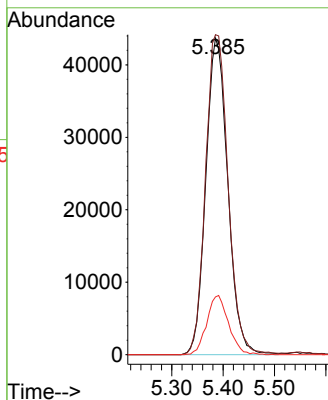
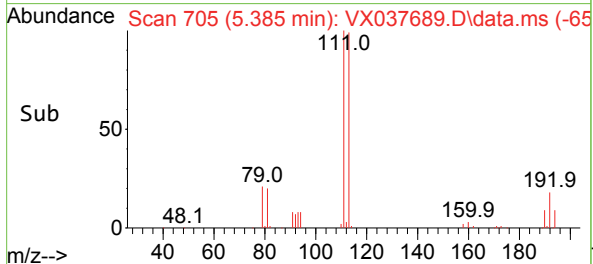


#35
Dibromofluoromethane
Concen: 45.029 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037689.D
Acq: 13 Sep 2023 12:51

Instrument :
MSVOA_X
ClientSampleId :

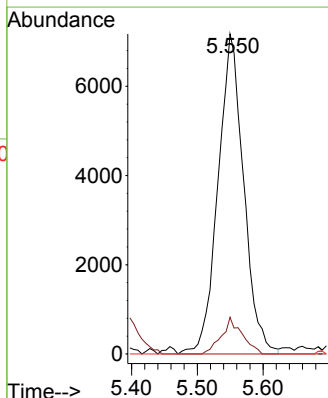
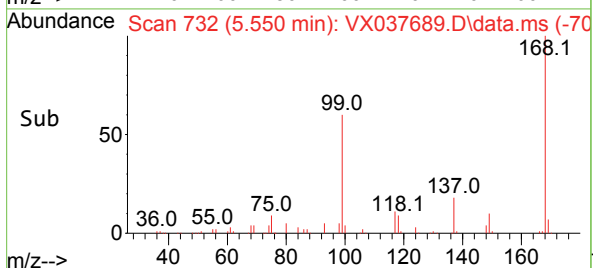
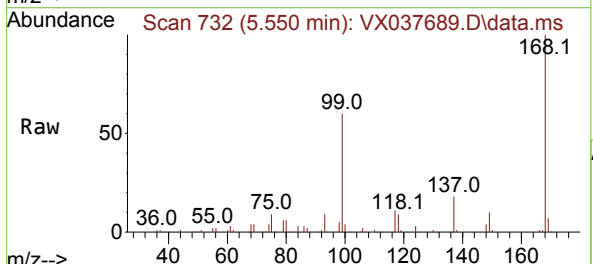


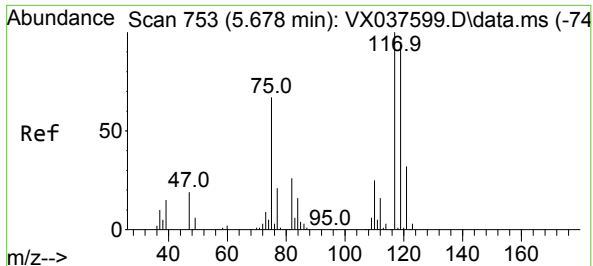
Tgt Ion:113 Resp: 129600
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 18.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.968 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX037689.D
Acq: 13 Sep 2023 12:51

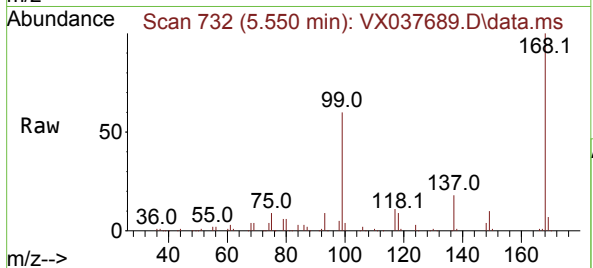
Tgt Ion: 75 Resp: 19451
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



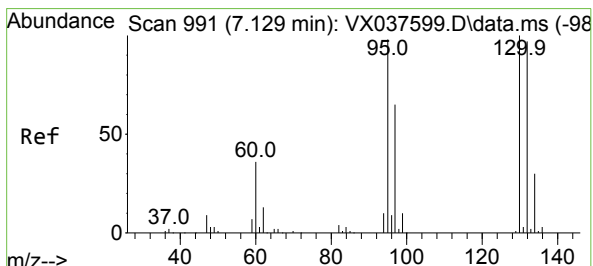
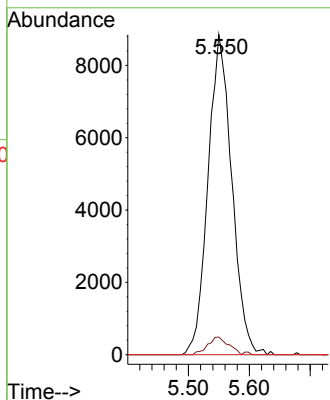
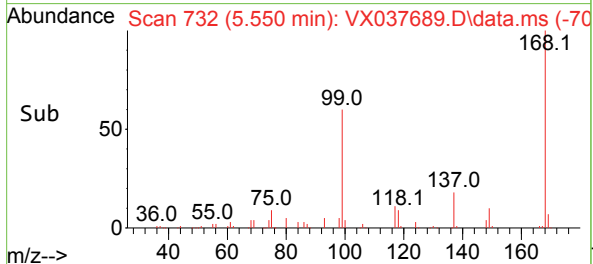


#38
Carbon Tetrachloride
Concen: 6.003 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037689.D
Acq: 13 Sep 2023 12:51

Instrument :
MSVOA_X
ClientSampleId :

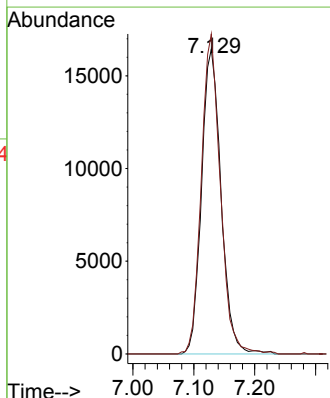
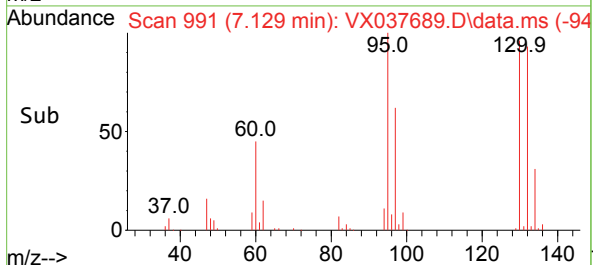
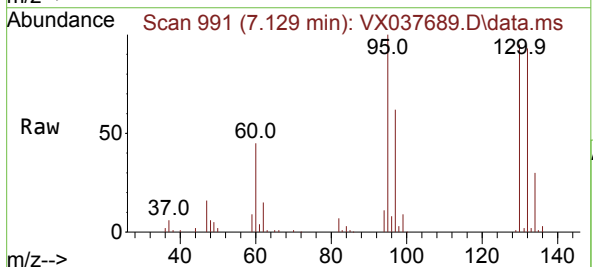


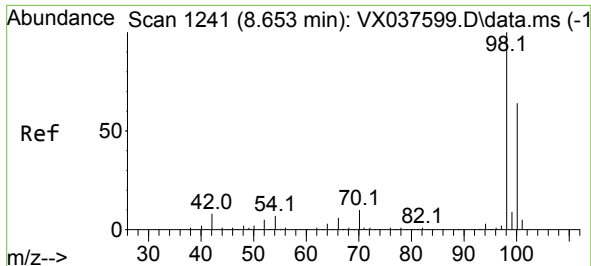
Tgt Ion:117 Resp: 24013
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 12.345 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX037689.D
Acq: 13 Sep 2023 12:51

Tgt Ion:130 Resp: 36610
Ion Ratio Lower Upper
130 100
95 105.0 0.0 204.4

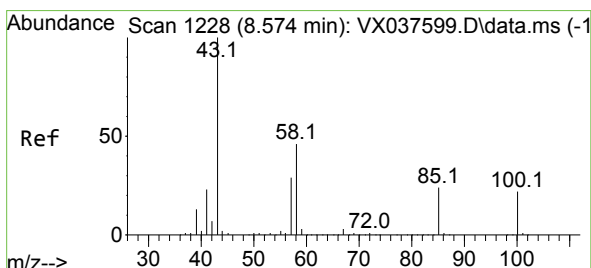
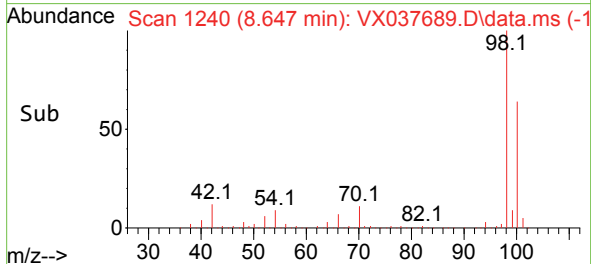
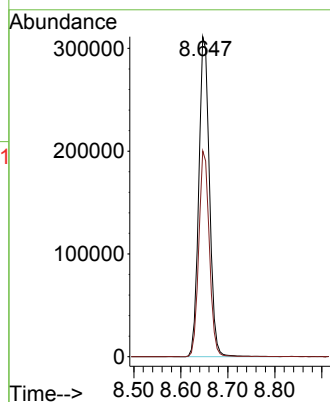
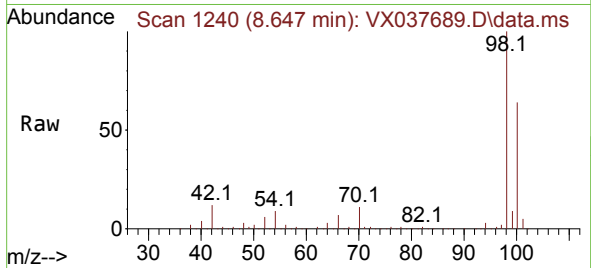




#50
Toluene-d8
Concen: 45.373 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037689.D
Acq: 13 Sep 2023 12:51

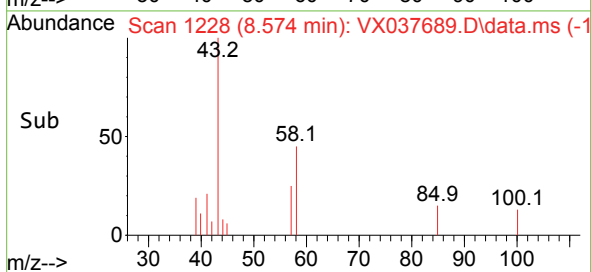
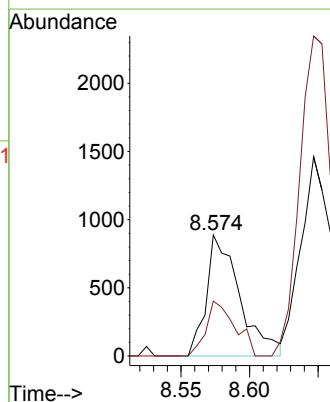
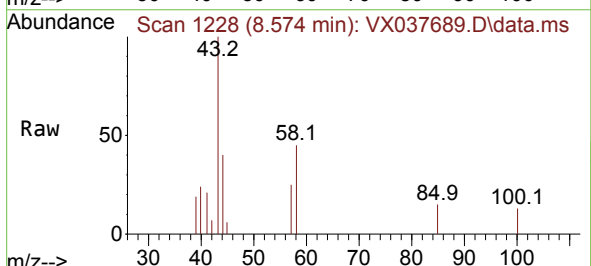
Instrument :
MSVOA_X
ClientSampleId :

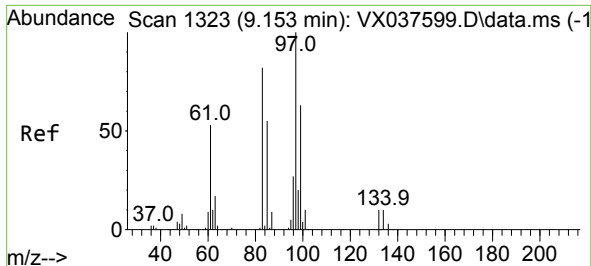
Tgt Ion: 98 Resp: 492510
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.322 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX037689.D
Acq: 13 Sep 2023 12:51

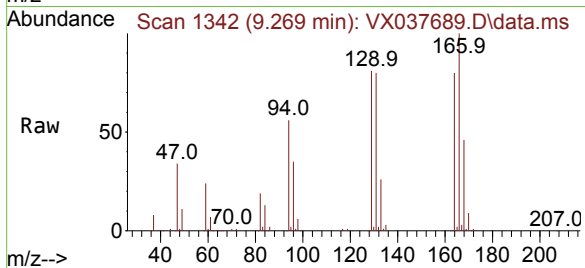
Tgt Ion: 43 Resp: 1510
Ion Ratio Lower Upper
43 100
58 39.1 30.4 45.6



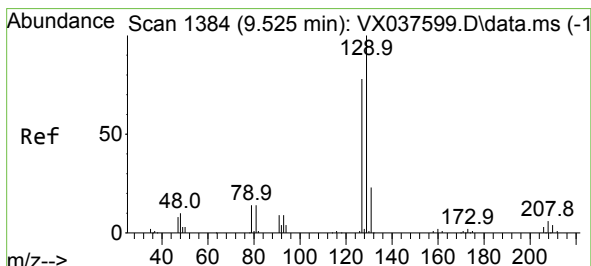
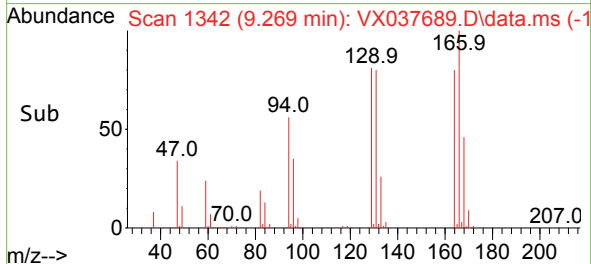
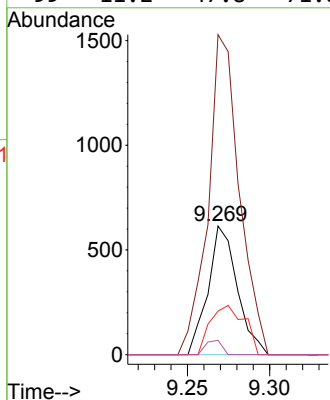


#55
1,1,2-Trichloroethane
Concen: 0.236 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.116 min
Lab File: VX037689.D
Acq: 13 Sep 2023 12:51

Instrument :
MSVOA_X
ClientSampleId :

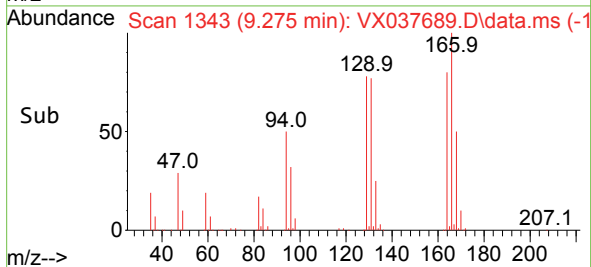
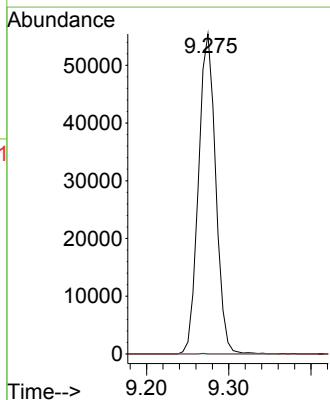
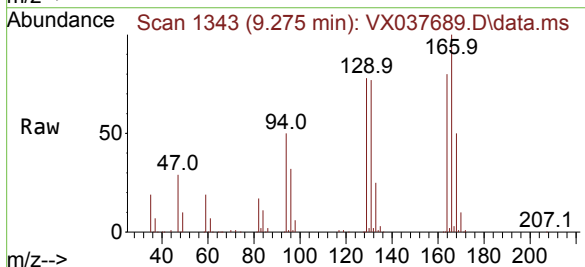


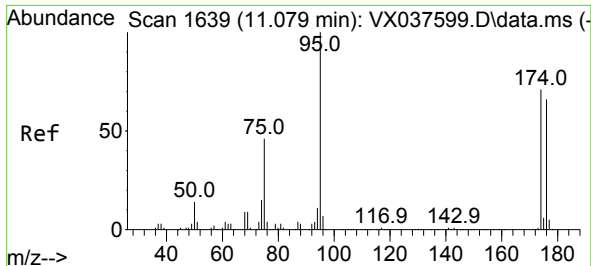
Tgt Ion:	97	Resp:	759
Ion	Ratio	Lower	Upper
97	100		
83	248.9	65.8	98.8#
85	33.9	41.6	62.4#
99	11.2	47.8	71.8#



#60
Dibromochloromethane
Concen: 25.625 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX037689.D
Acq: 13 Sep 2023 12:51

Tgt Ion:	129	Resp:	80888
Ion	Ratio	Lower	Upper
129	100		
127	0.1	38.8	116.4#

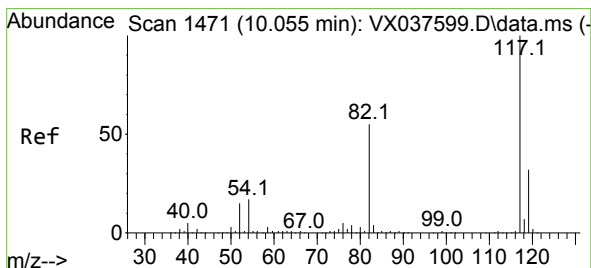
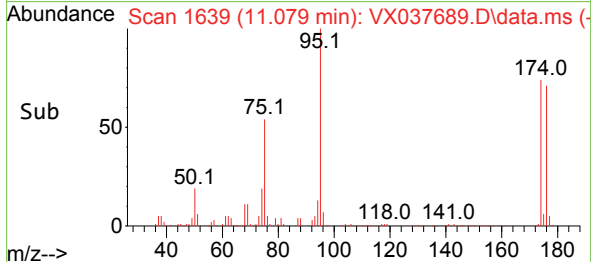
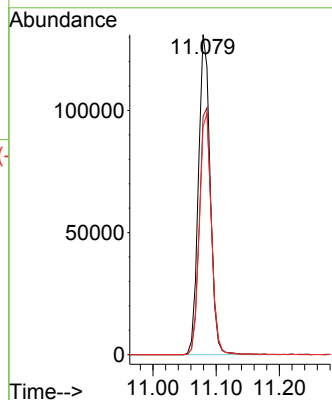
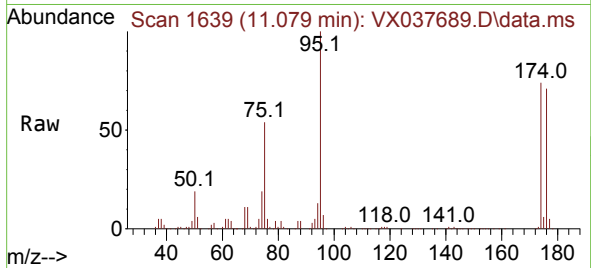




#62
4-Bromofluorobenzene
Concen: 43.264 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037689.D
Acq: 13 Sep 2023 12:51

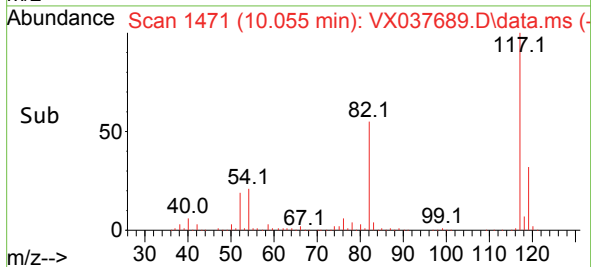
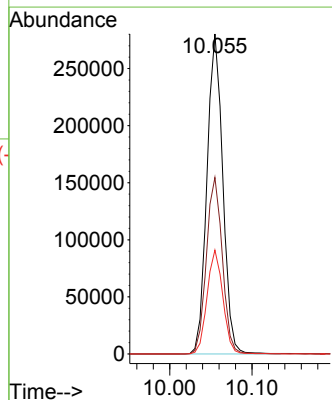
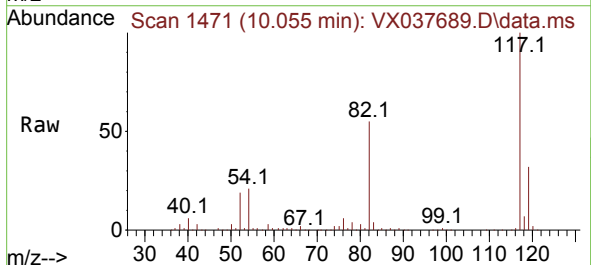
Instrument :
MSVOA_X
ClientSampleId :

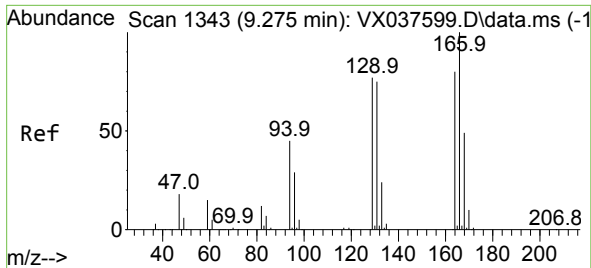
Tgt Ion: 95 Resp: 169426
Ion Ratio Lower Upper
95 100
174 78.9 0.0 135.6
176 76.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037689.D
Acq: 13 Sep 2023 12:51

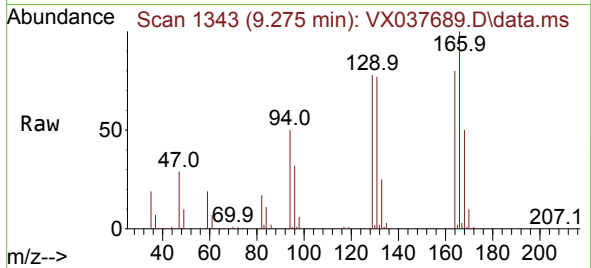
Tgt Ion: 117 Resp: 374905
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 32.4 25.5 38.3



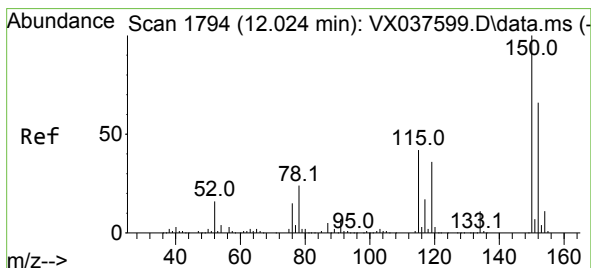
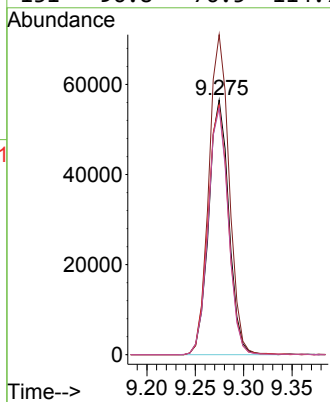
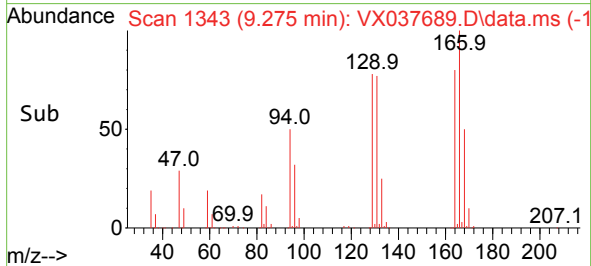


#64
Tetrachloroethene
Concen: 33.683 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037689.D
Acq: 13 Sep 2023 12:51

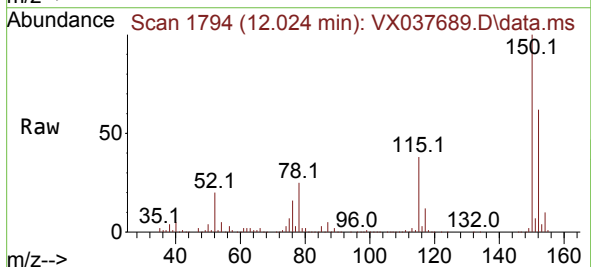
Instrument :
MSVOA_X
ClientSampleId :



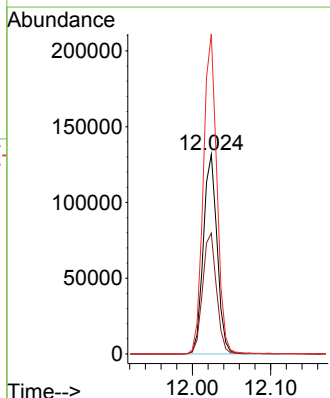
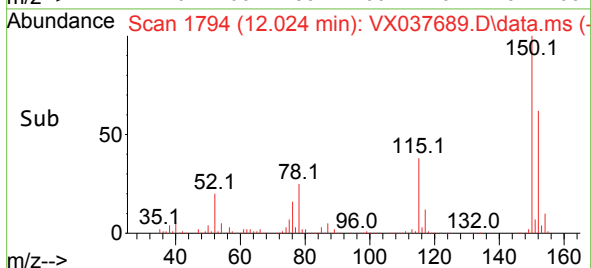
Tgt Ion:164 Resp: 81816
Ion Ratio Lower Upper
164 100
166 125.6 102.7 154.1
129 98.0 80.4 120.6
131 96.8 76.5 114.7

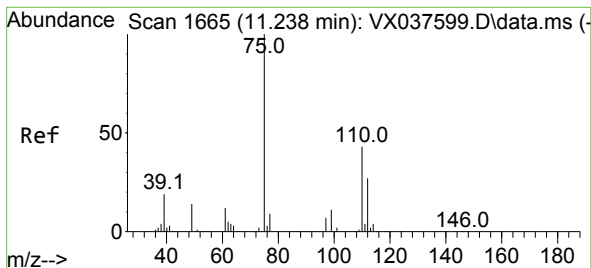


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037689.D
Acq: 13 Sep 2023 12:51



Tgt Ion:152 Resp: 160981
Ion Ratio Lower Upper
152 100
115 61.1 43.3 129.9
150 157.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.347 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037689.D

Acq: 13 Sep 2023 12:51

Instrument :

MSVOA_X

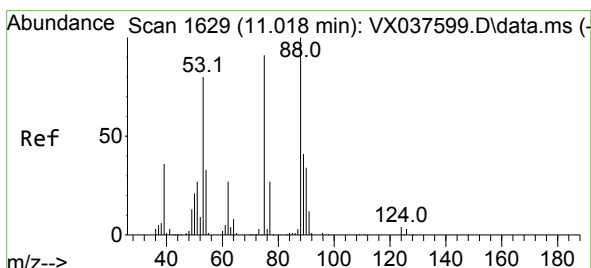
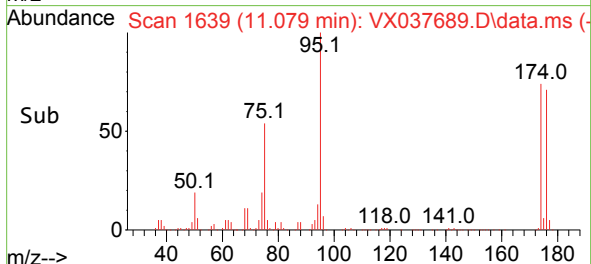
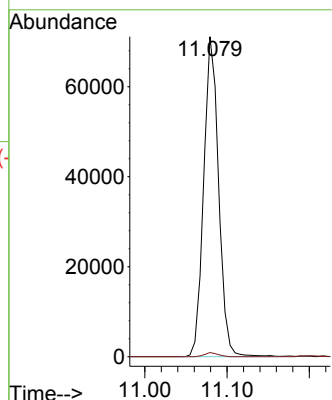
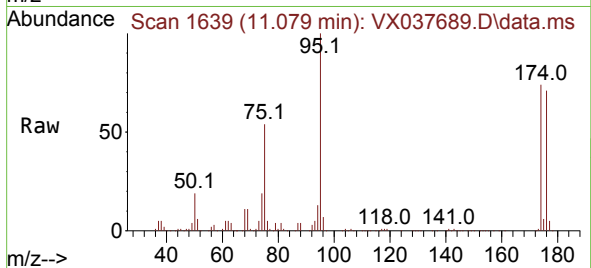
ClientSampleId :

Tgt Ion: 75 Resp: 89705

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 77.047 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037689.D

Acq: 13 Sep 2023 12:51

Tgt Ion: 75 Resp: 89705

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

