

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091423\
 Data File : VX037727.D
 Acq On : 14 Sep 2023 14:07
 Operator : JC/MD
 Sample : 04374-02 20X
 Misc : 4.97g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 15 01:33:38 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)

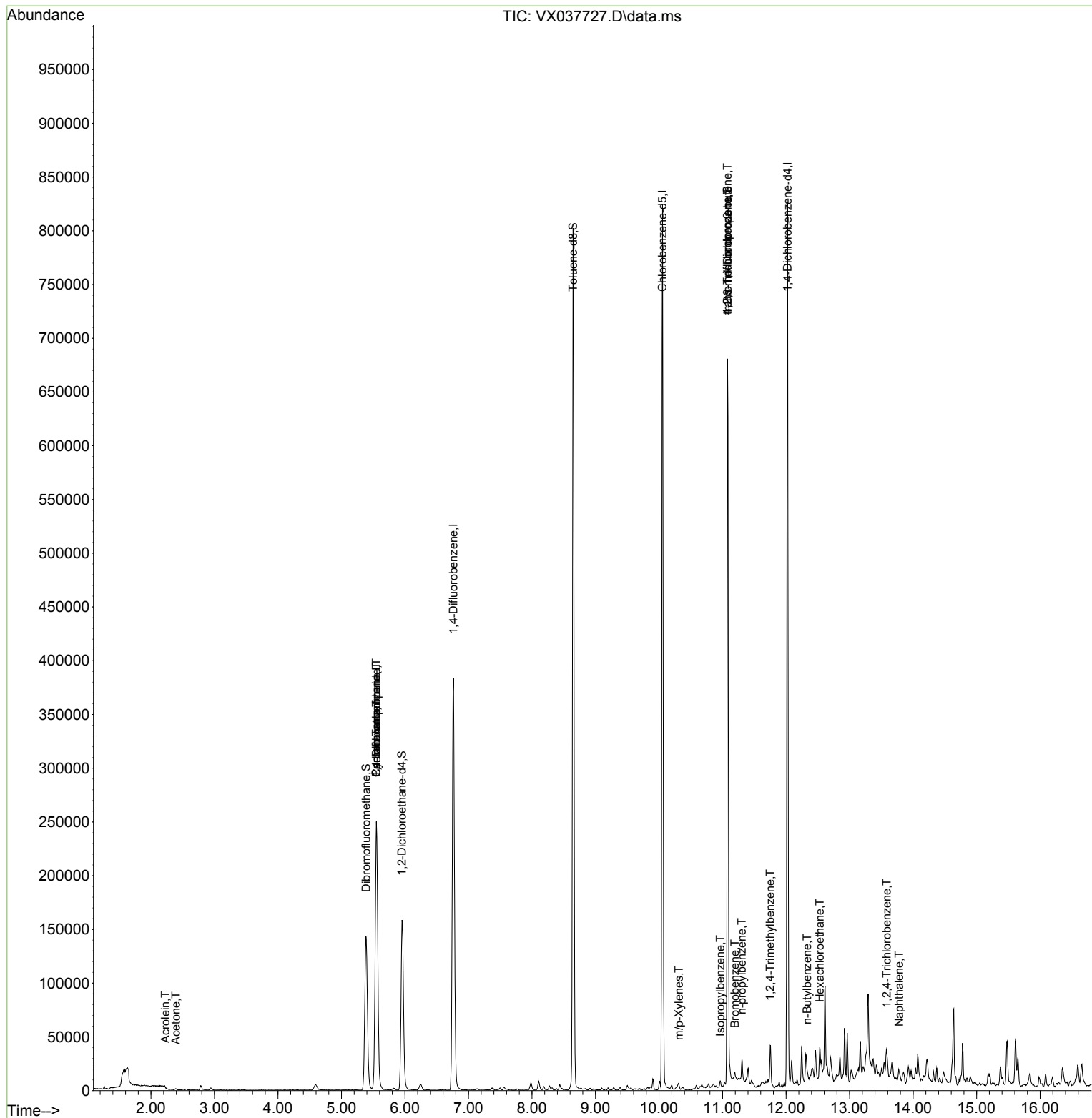
Internal Standards						
1) Pentafluorobenzene	5.549	168	240906	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	403885	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	377084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	151956	38.986	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	77.980%#
35) Dibromofluoromethane	5.385	113	126212	44.087	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.180%
50) Toluene-d8	8.646	98	485425	44.960	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.920%#
62) 4-Bromofluorobenzene	11.079	95	179340	46.041	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.080%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.995	59	64	Below Cal	#	78
13) Acrolein	2.227	56	263	0.413	ug/l	91
16) Acetone	2.391	43	1167	0.741	ug/l	# 87
20) Methylene Chloride	2.782	84	2236	Below Cal	#	84
31) Cyclohexane	5.549	56	5710	1.272	ug/l	# 13
36) 1,1-Dichloropropene	5.549	75	18483	4.746	ug/l	# 50
38) Carbon Tetrachloride	5.549	117	24138	6.067	ug/l	# 16
68) m/p-Xylenes	10.311	106	1223	0.224	ug/l	81
73) Isopropylbenzene	10.963	105	3096	0.239	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	90798	23.863	ug/l	# 39
77) Bromobenzene	11.195	156	698	0.227	ug/l	# 32
78) n-propylbenzene	11.304	91	13265	0.890	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	90798	72.536	ug/l	# 5
84) 1,2,4-Trimethylbenzene	11.750	105	16686	1.520	ug/l	96
89) n-Butylbenzene	12.329	91	4580	0.457	ug/l	# 70
90) Hexachloroethane	12.530	117	1995	1.068	ug/l	# 17
93) 1,2,4-Trichlorobenzene	13.585	180	966	0.275	ug/l	# 65
95) Naphthalene	13.780	128	7444	0.585	ug/l	# 89

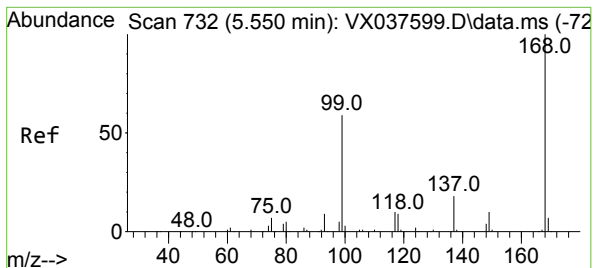
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 15 01:33:38 2023
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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: 5.549 min Scan# 71

Delta R.T. -0.001 min

Lab File: VX037727.D

Acq: 14 Sep 2023 14:07

Instrument :

MSVOA_X

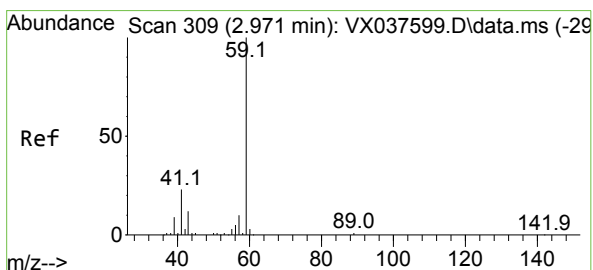
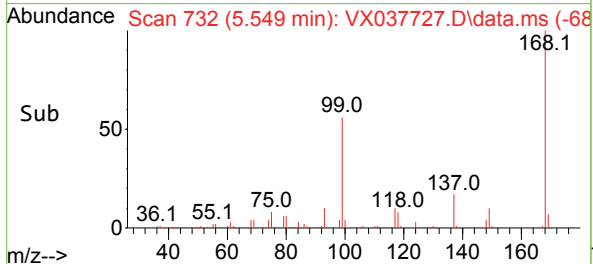
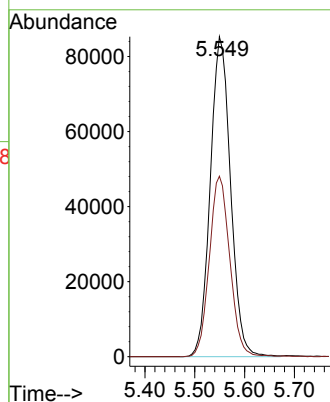
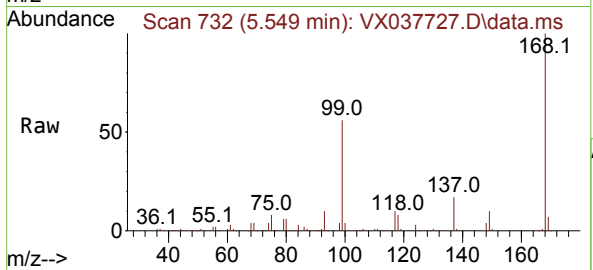
ClientSampleId :

Tgt Ion:168 Resp: 240906

Ion Ratio Lower Upper

168 100

99 56.4 56.6 85.0#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.995 min Scan# 313

Delta R.T. 0.024 min

Lab File: VX037727.D

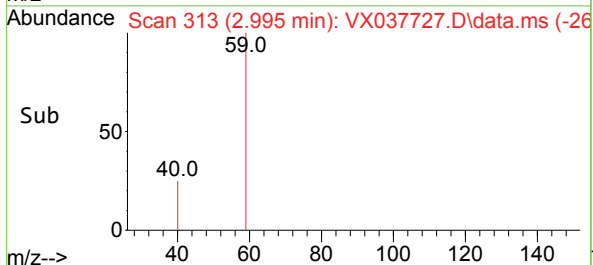
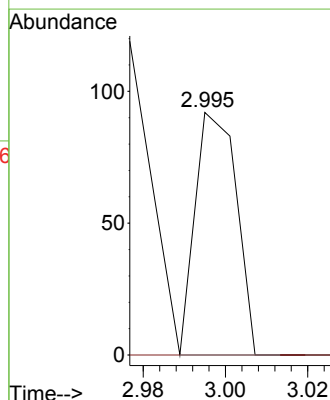
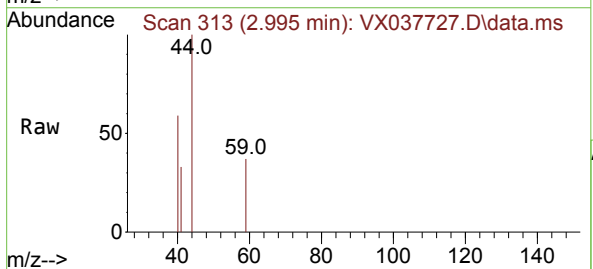
Acq: 14 Sep 2023 14:07

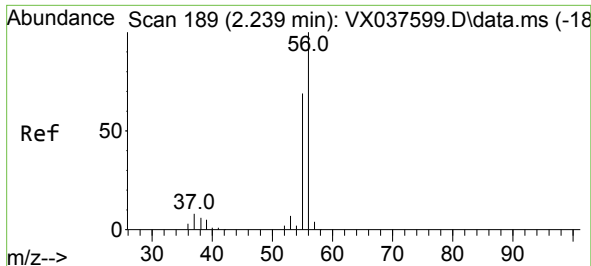
Tgt Ion: 59 Resp: 64

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.413 ug/l

RT: 2.227 min Scan# 11

Delta R.T. -0.013 min

Lab File: VX037727.D

Acq: 14 Sep 2023 14:07

Instrument :

MSVOA_X

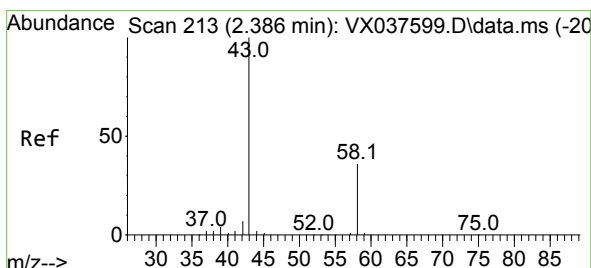
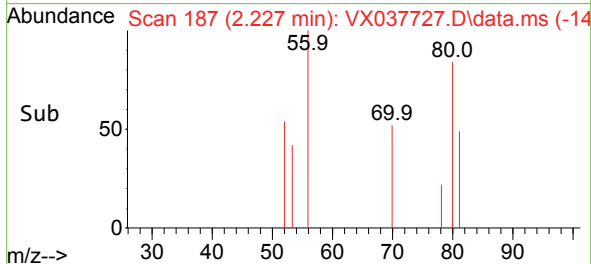
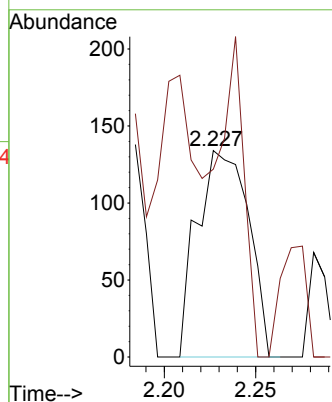
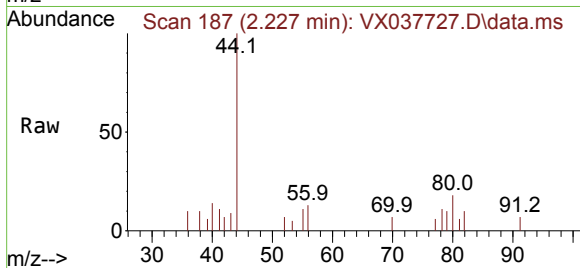
ClientSampleId :

Tgt Ion: 56 Resp: 263

Ion Ratio Lower Upper

56 100

55 78.7 57.1 85.7



#16

Acetone

Concen: 0.741 ug/l

RT: 2.391 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX037727.D

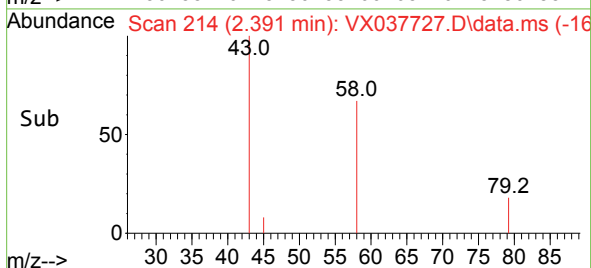
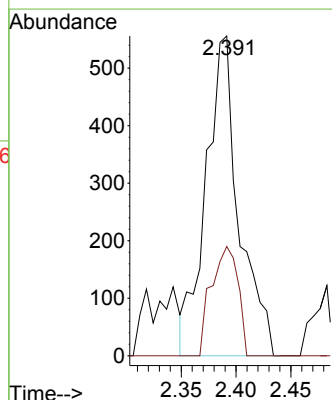
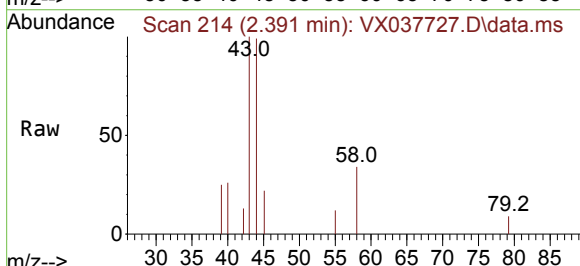
Acq: 14 Sep 2023 14:07

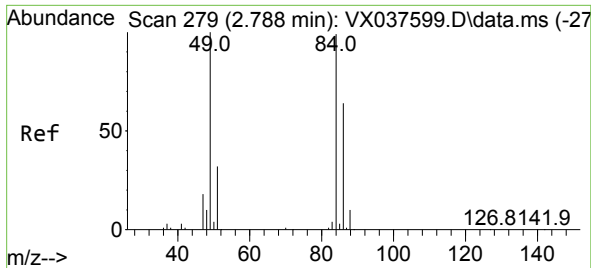
Tgt Ion: 43 Resp: 1167

Ion Ratio Lower Upper

43 100

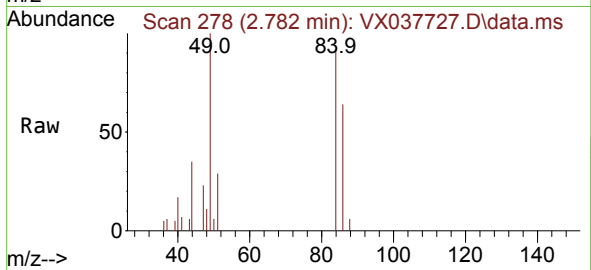
58 34.2 21.9 32.9#



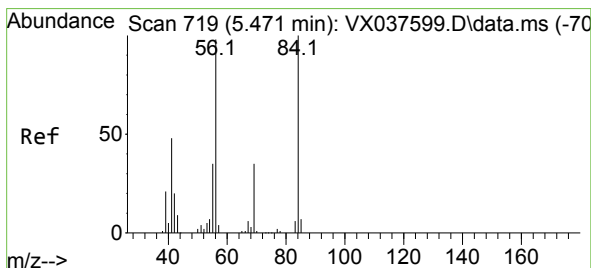
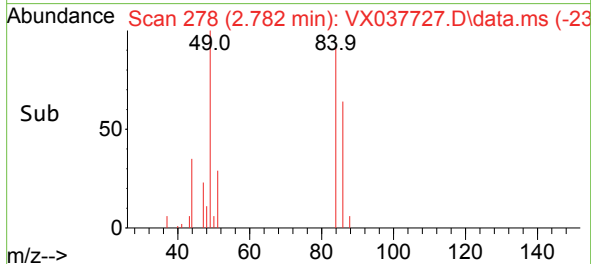
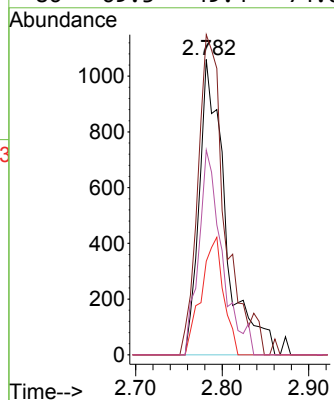


#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX037727.D
Acq: 14 Sep 2023 14:07

Instrument :
MSVOA_X
ClientSampleId :

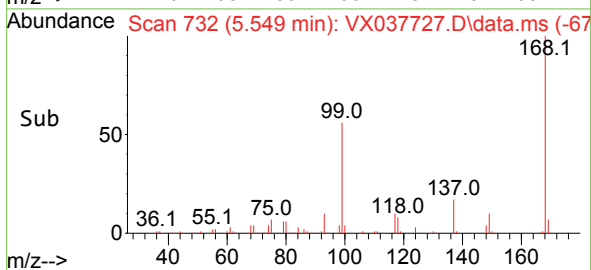
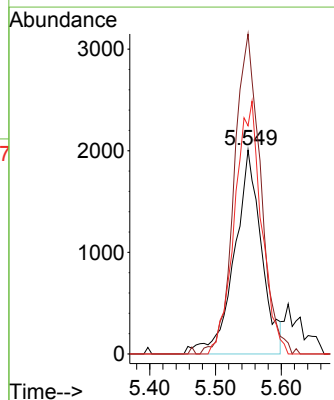
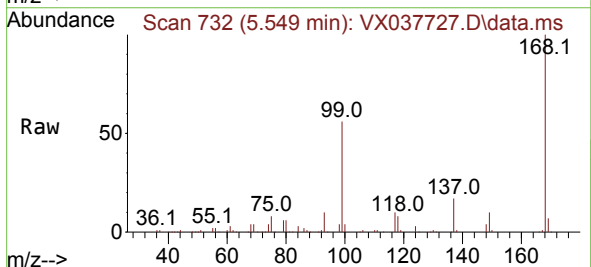


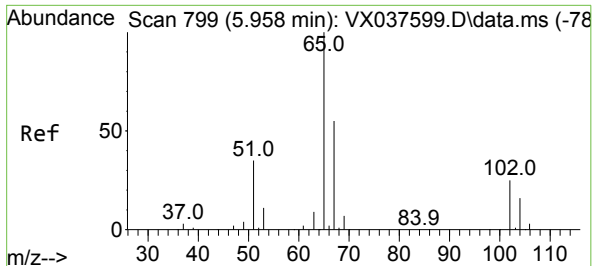
Tgt Ion:	84	Resp:	2236
Ion	Ratio	Lower	Upper
84	100		
49	108.4	103.6	155.4
51	31.7	33.8	50.6#
86	69.3	49.4	74.0



#31
Cyclohexane
Concen: 1.272 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037727.D
Acq: 14 Sep 2023 14:07

Tgt Ion:	56	Resp:	5710
Ion	Ratio	Lower	Upper
56	100		
69	156.8	23.4	35.2#
84	111.8	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 38.986 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.007 min

Lab File: VX037727.D

Acq: 14 Sep 2023 14:07

Instrument :

MSVOA_X

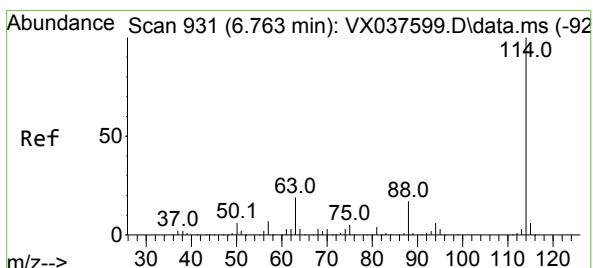
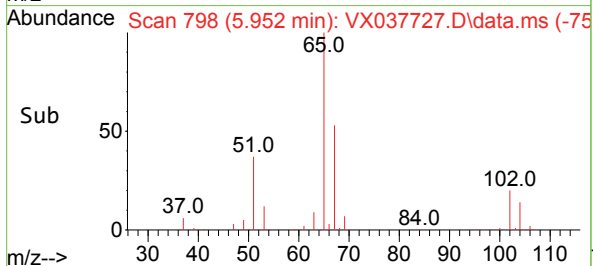
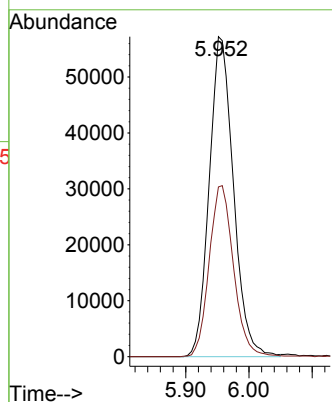
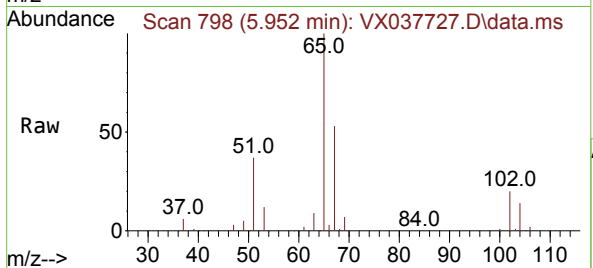
ClientSampleId :

Tgt Ion: 65 Resp: 151956

Ion Ratio Lower Upper

65 100

67 54.0 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: VX037727.D

Acq: 14 Sep 2023 14:07

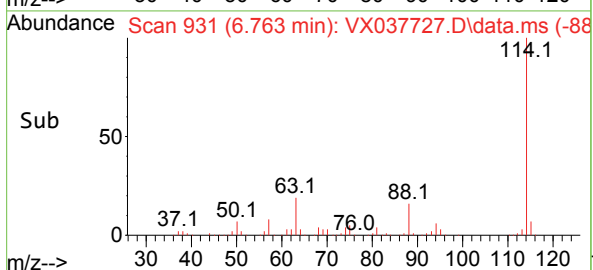
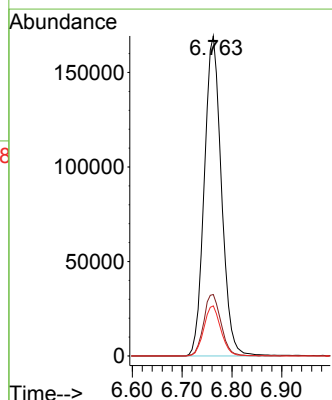
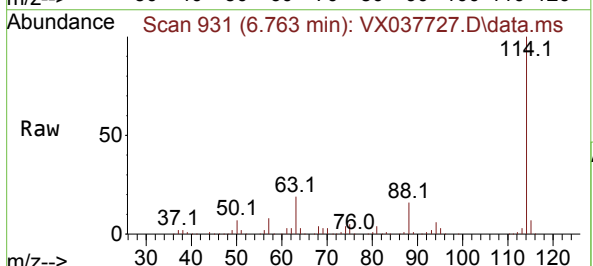
Tgt Ion: 114 Resp: 403885

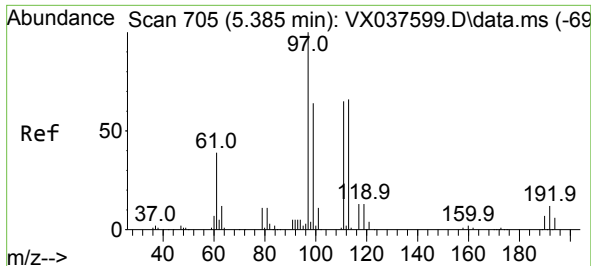
Ion Ratio Lower Upper

114 100

63 19.2 0.0 45.0

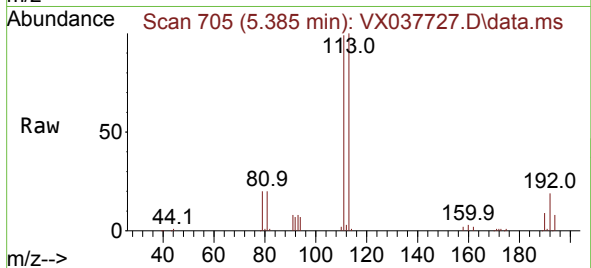
88 15.6 0.0 36.6



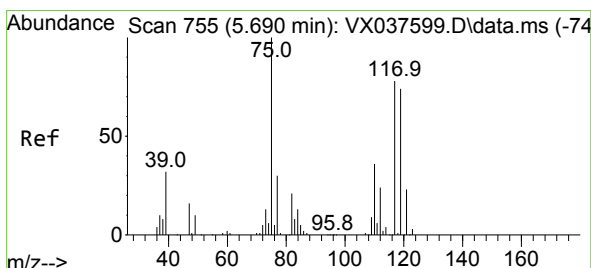
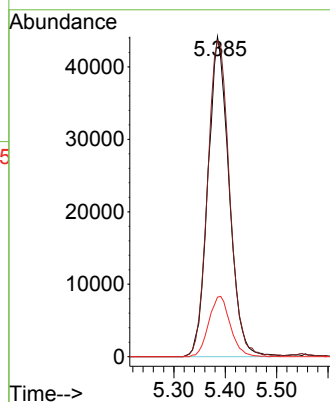
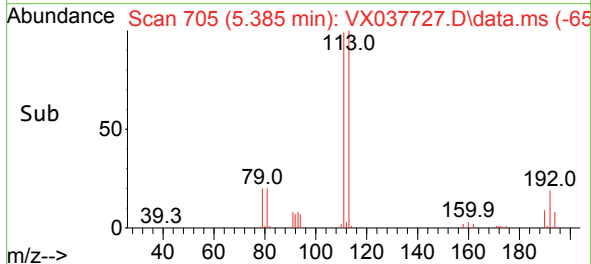


#35
Dibromofluoromethane
Concen: 44.087 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037727.D
Acq: 14 Sep 2023 14:07

Instrument :
MSVOA_X
ClientSampleId :

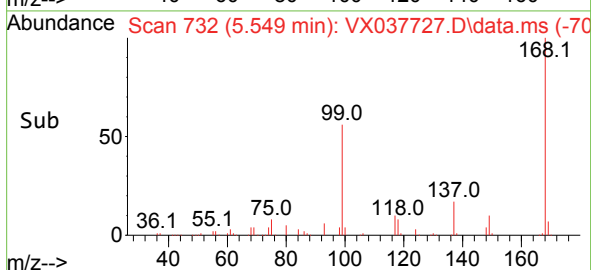
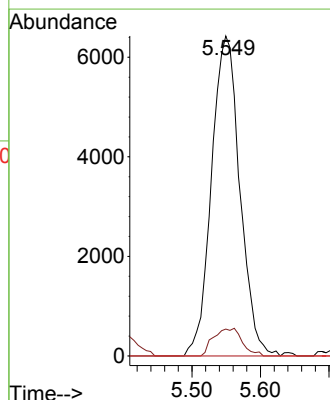
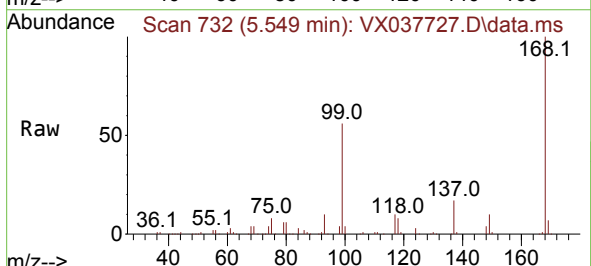


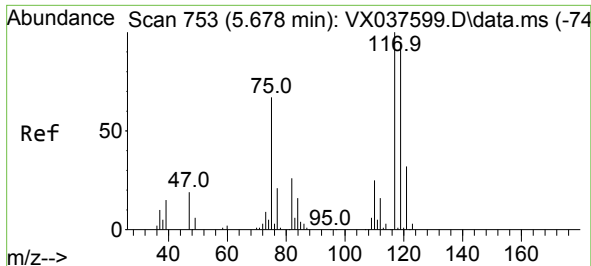
Tgt Ion:113 Resp: 126212
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 19.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.746 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.141 min
Lab File: VX037727.D
Acq: 14 Sep 2023 14:07

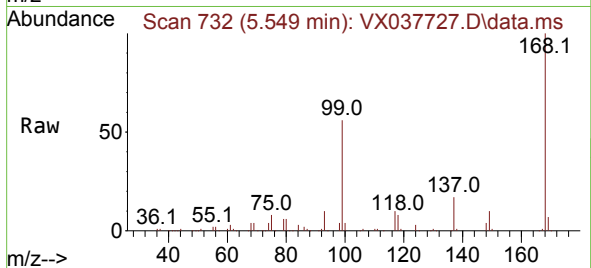
Tgt Ion: 75 Resp: 18483
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#



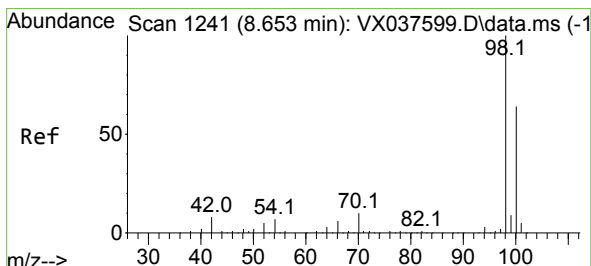
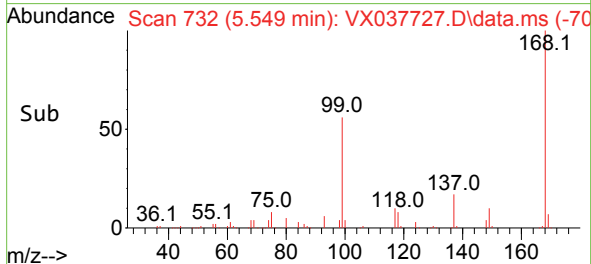
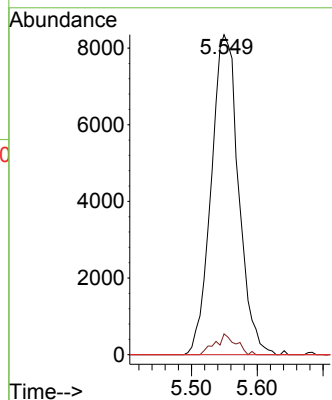


#38
Carbon Tetrachloride
Concen: 6.067 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037727.D
Acq: 14 Sep 2023 14:07

Instrument :
MSVOA_X
ClientSampleId :

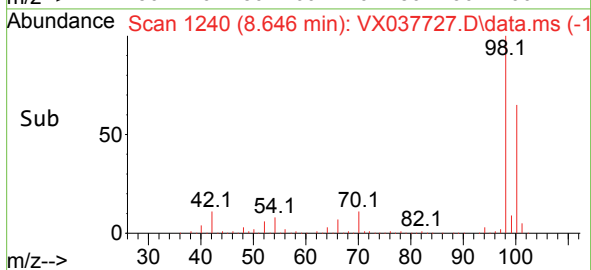
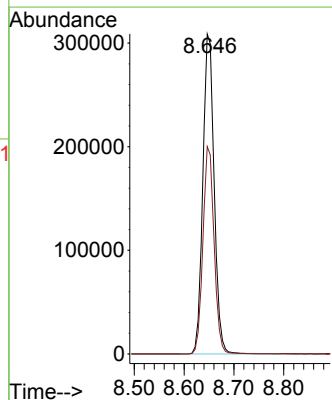
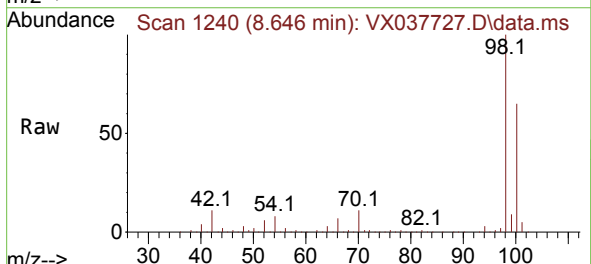


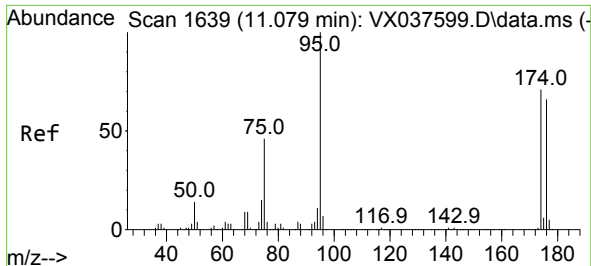
Tgt Ion:117 Resp: 24138
Ion Ratio Lower Upper
117 100
119 6.5 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 44.960 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.007 min
Lab File: VX037727.D
Acq: 14 Sep 2023 14:07

Tgt Ion: 98 Resp: 485425
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

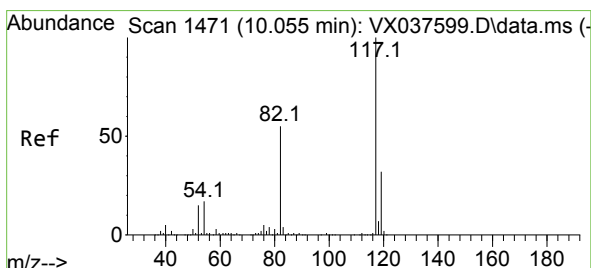
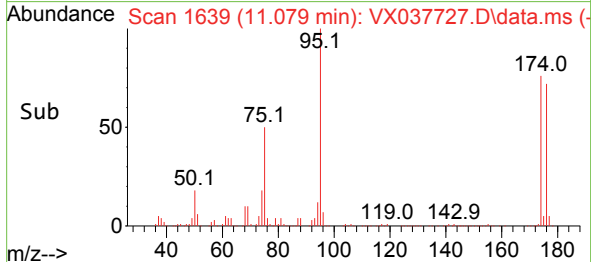
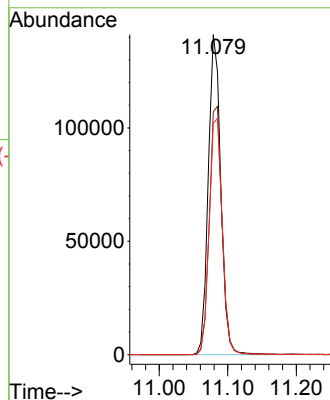
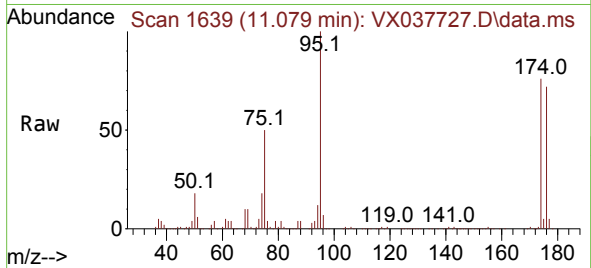




#62
4-Bromofluorobenzene
Concen: 46.041 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037727.D
Acq: 14 Sep 2023 14:07

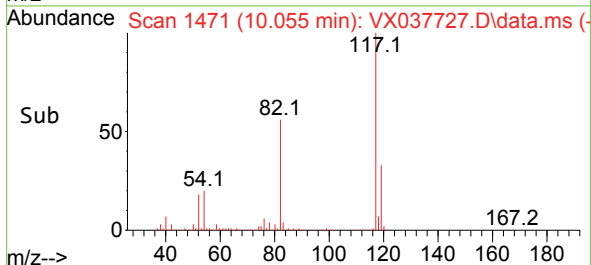
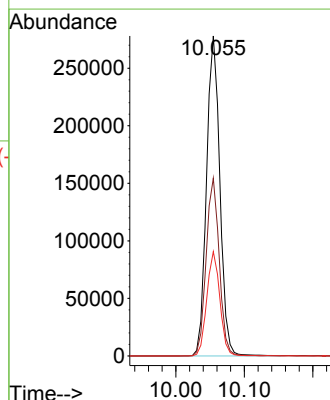
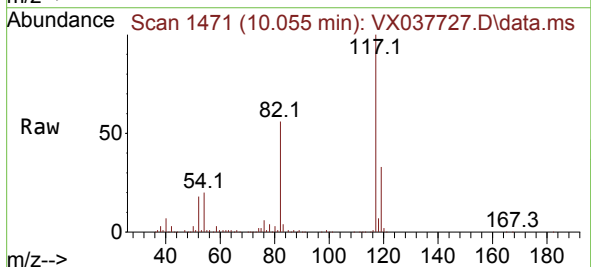
Instrument :
MSVOA_X
ClientSampleId :

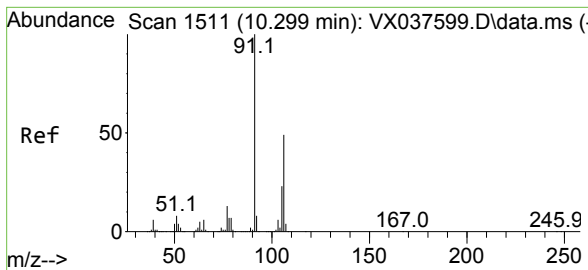
Tgt Ion: 95 Resp: 179340
Ion Ratio Lower Upper
95 100
174 79.8 0.0 135.6
176 77.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037727.D
Acq: 14 Sep 2023 14:07

Tgt Ion: 117 Resp: 377084
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 32.6 25.5 38.3

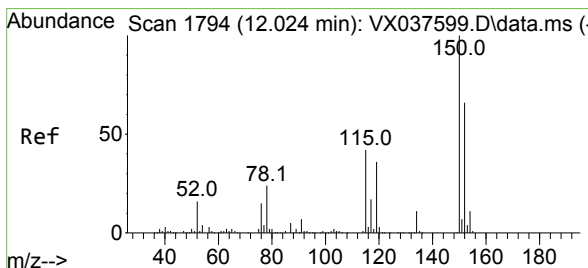
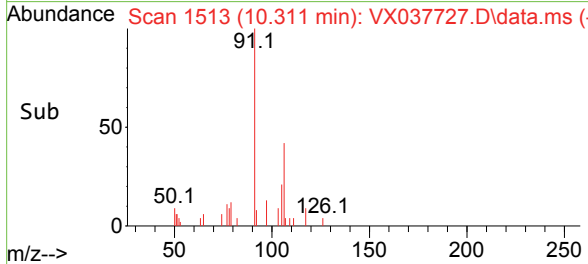
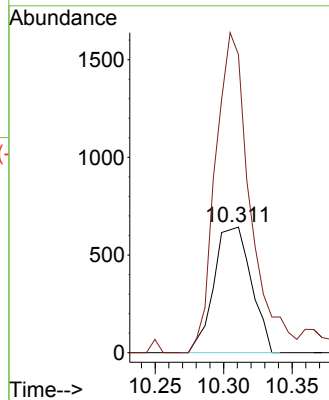
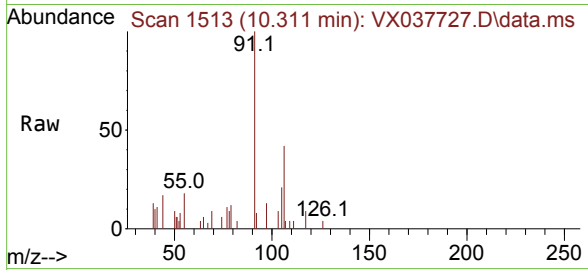




#68
m/p-Xylenes
Concen: 0.224 ug/l
RT: 10.311 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX037727.D
Acq: 14 Sep 2023 14:07

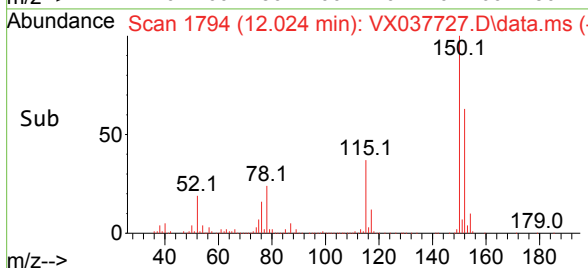
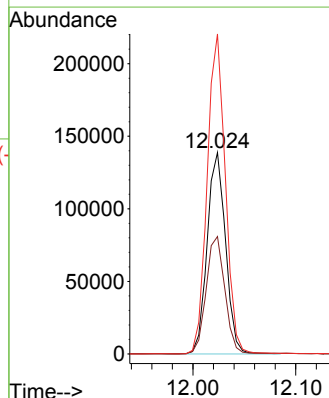
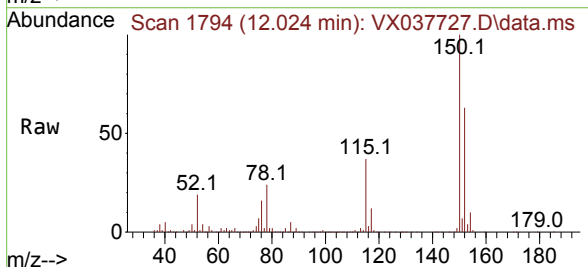
Instrument :
MSVOA_X
ClientSampleId :

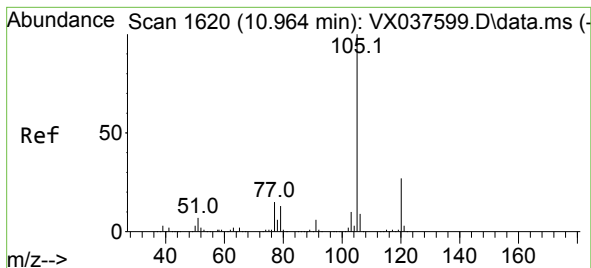
Tgt Ion:106 Resp: 1223
Ion Ratio Lower Upper
106 100
91 237.0 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037727.D
Acq: 14 Sep 2023 14:07

Tgt Ion:152 Resp: 173077
Ion Ratio Lower Upper
152 100
115 58.8 43.3 129.9
150 156.8 0.0 345.0





#73

Isopropylbenzene

Concen: 0.239 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX037727.D

Acq: 14 Sep 2023 14:07

Instrument :

MSVOA_X

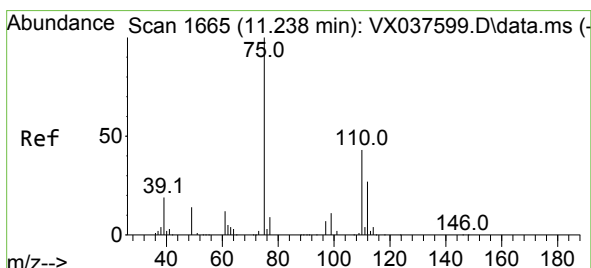
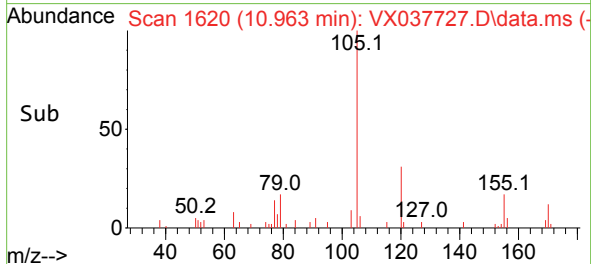
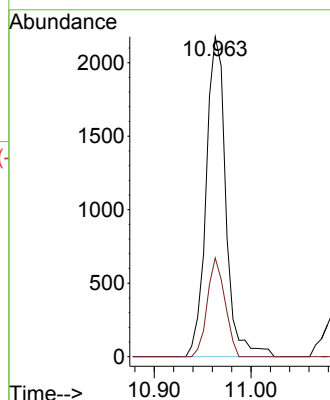
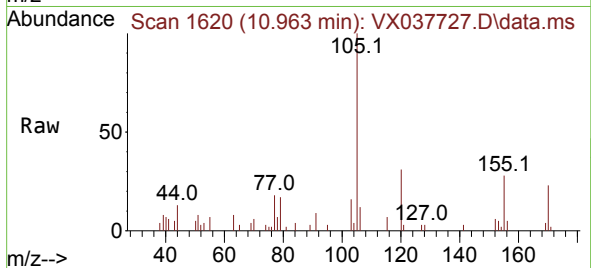
ClientSampleId :

Tgt Ion:105 Resp: 3096

Ion Ratio Lower Upper

105 100

120 27.5 12.9 38.6



#76

1,2,3-Trichloropropane

Concen: 23.863 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037727.D

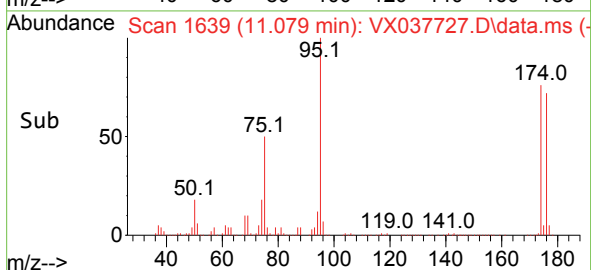
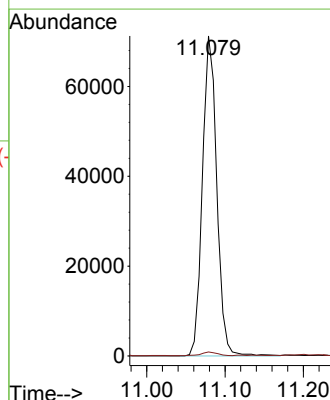
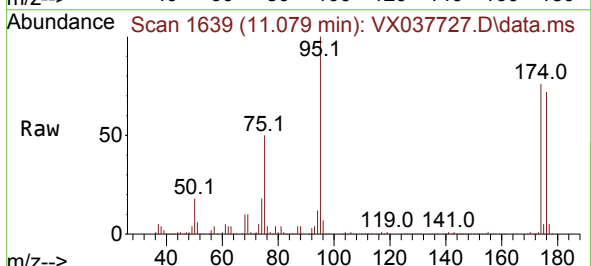
Acq: 14 Sep 2023 14:07

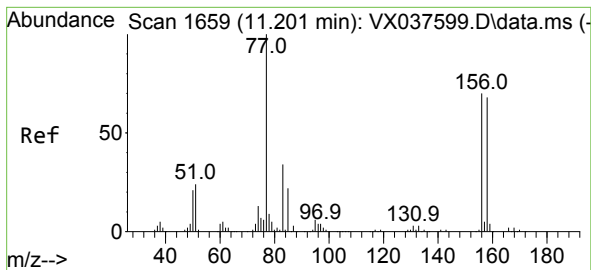
Tgt Ion: 75 Resp: 90798

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#





#77

Bromobenzene

Concen: 0.227 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.007 min

Lab File: VX037727.D

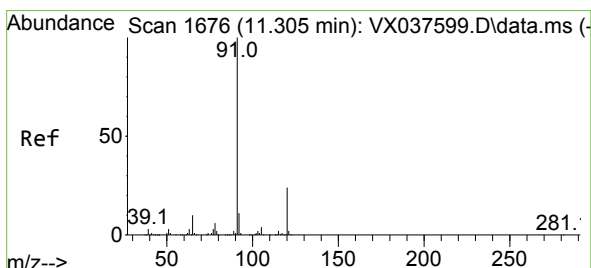
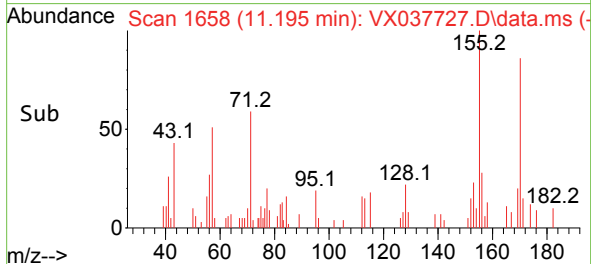
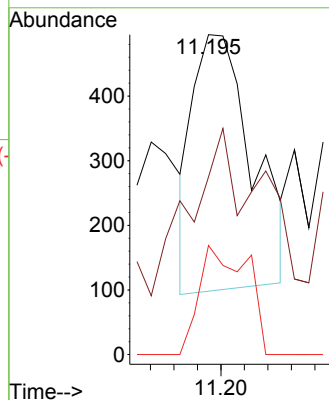
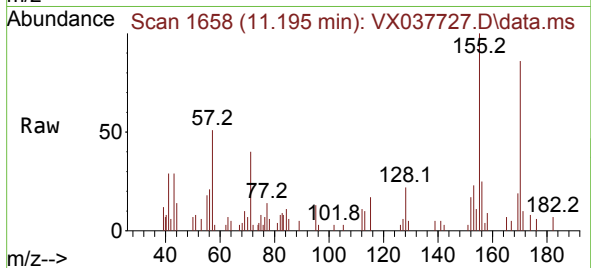
Acq: 14 Sep 2023 14:07

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:156	Resp:	698
Ion	Ratio	Lower Upper
156	100	
77	76.9	88.4 265.3#
158	34.1	48.0 144.0#



#78

n-propylbenzene

Concen: 0.890 ug/l

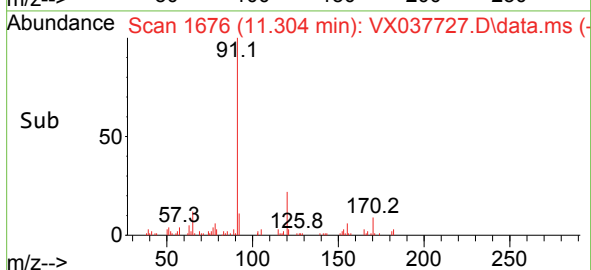
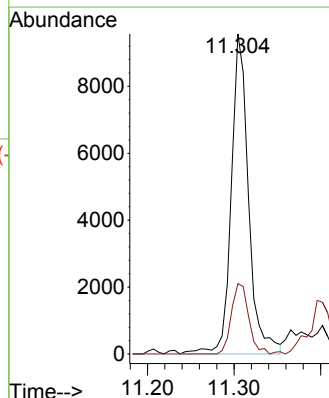
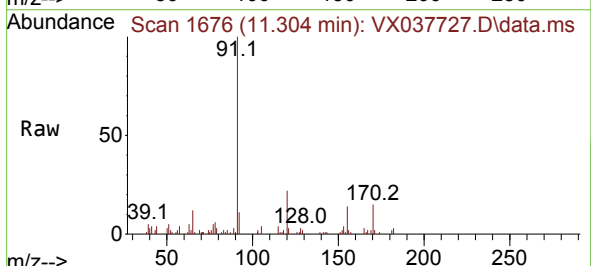
RT: 11.304 min Scan# 1676

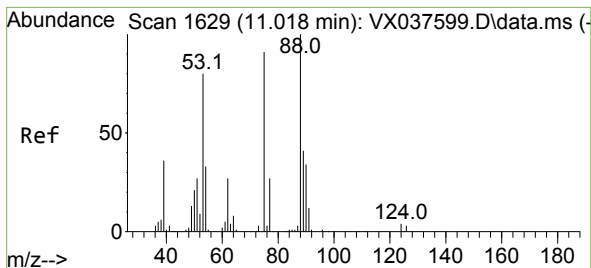
Delta R.T. -0.000 min

Lab File: VX037727.D

Acq: 14 Sep 2023 14:07

Tgt Ion: 91	Resp:	13265
Ion	Ratio	Lower Upper
91	100	
120	22.1	11.5 34.4

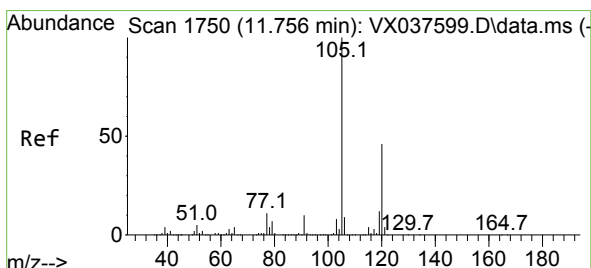
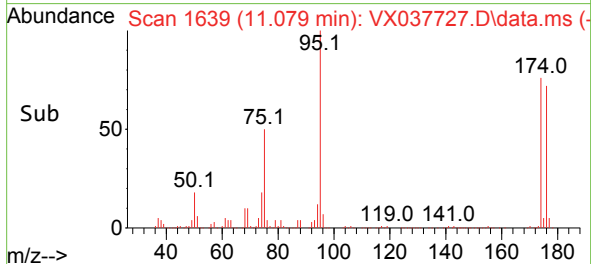
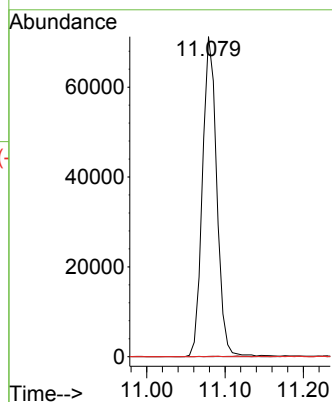
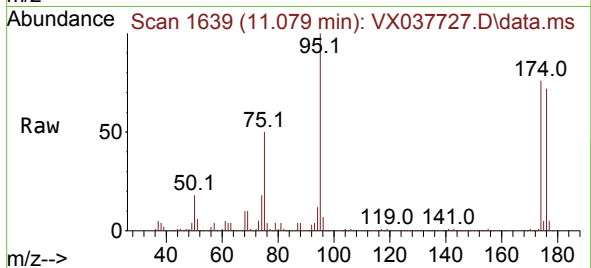




#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.536 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX037727.D
 Acq: 14 Sep 2023 14:07

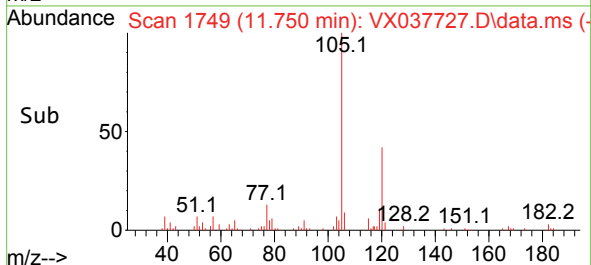
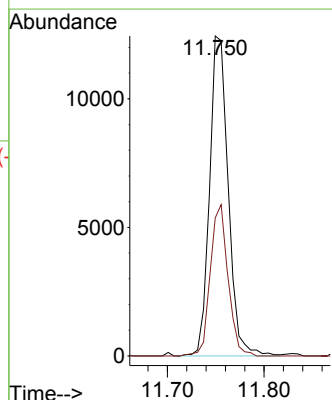
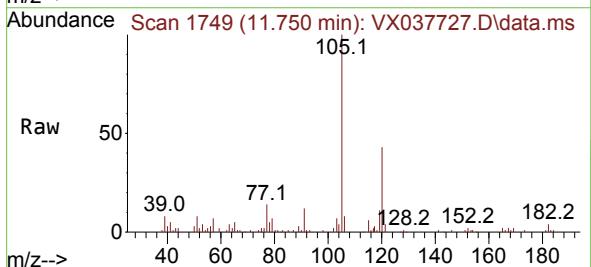
Instrument :
 MSVOA_X
 ClientSampleId :

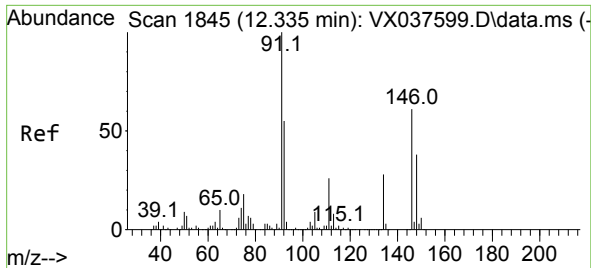
Tgt Ion: 75 Resp: 90798
 Ion Ratio Lower Upper
 75 100
 53 0.1 90.5 135.7#
 89 0.0 36.9 55.3#



#84
 1,2,4-Trimethylbenzene
 Concen: 1.520 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.007 min
 Lab File: VX037727.D
 Acq: 14 Sep 2023 14:07

Tgt Ion:105 Resp: 16686
 Ion Ratio Lower Upper
 105 100
 120 44.9 21.2 63.6

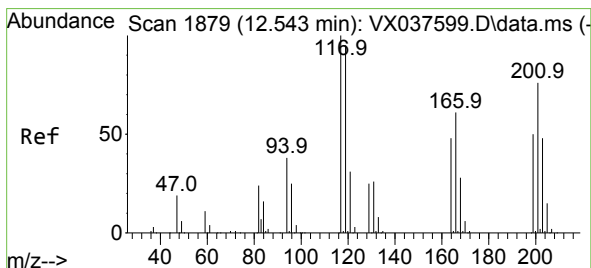
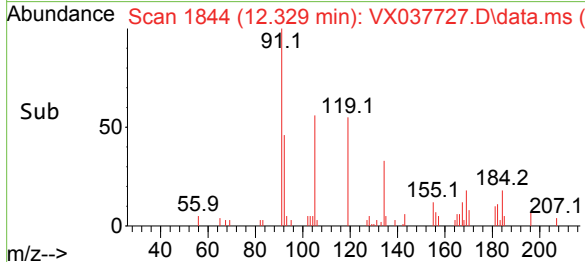
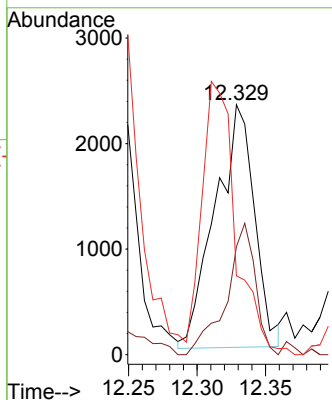
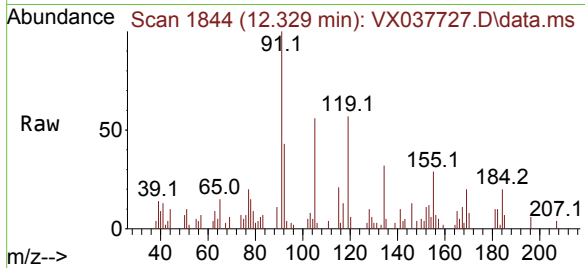




#89
n-Butylbenzene
Concen: 0.457 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.007 min
Lab File: VX037727.D
Acq: 14 Sep 2023 14:07

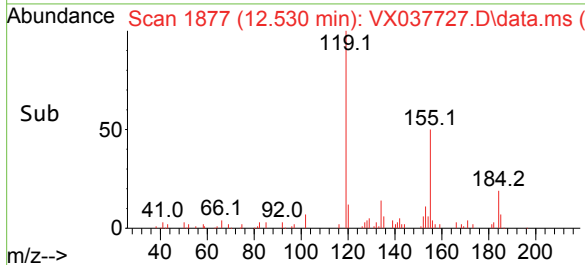
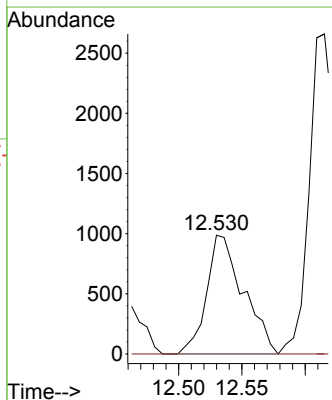
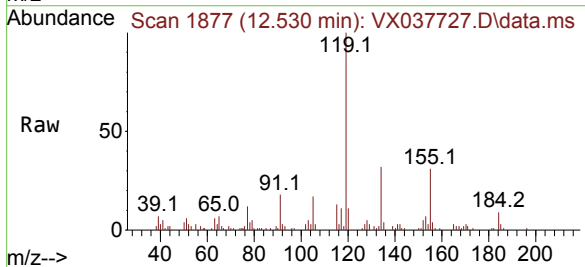
Instrument :
MSVOA_X
ClientSampleId :

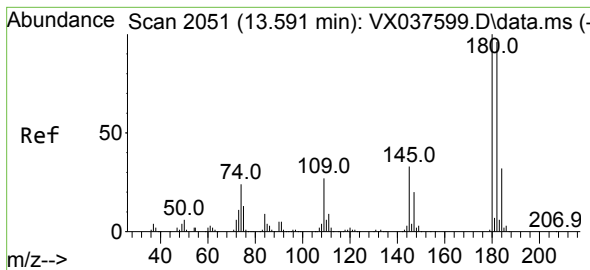
Tgt Ion:	91	Resp:	4580
Ion	Ratio	Lower	Upper
91	100		
92	39.8	27.4	82.0
134	0.0	12.6	37.8#



#90
Hexachloroethane
Concen: 1.068 ug/l
RT: 12.530 min Scan# 1877
Delta R.T. -0.013 min
Lab File: VX037727.D
Acq: 14 Sep 2023 14:07

Tgt Ion:	117	Resp:	1995
Ion	Ratio	Lower	Upper
117	100		
201	0.0	32.9	98.6#





#93

1,2,4-Trichlorobenzene

Concen: 0.275 ug/l

RT: 13.585 min Scan# 2051

Delta R.T. -0.007 min

Lab File: VX037727.D

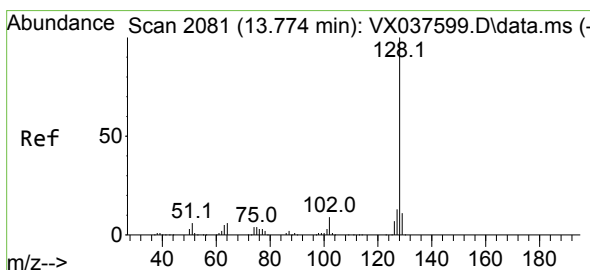
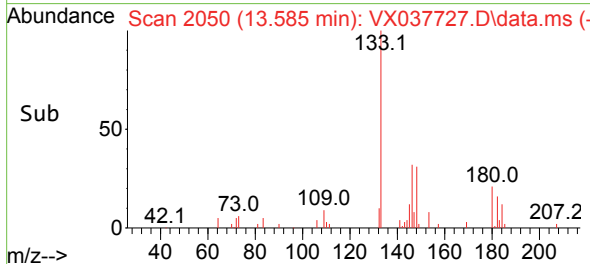
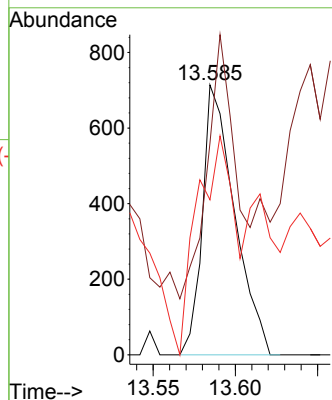
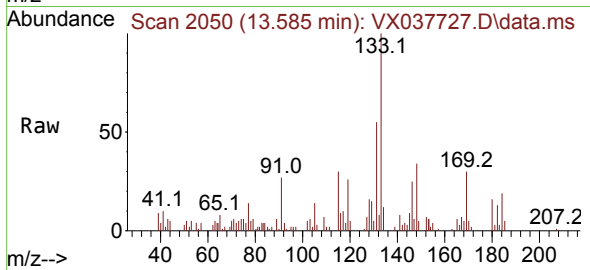
Acq: 14 Sep 2023 14:07

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180	Resp:	966
Ion Ratio	Lower	Upper
180	100	
182	85.7	48.3 144.8
145	93.4	18.0 54.0#



#95

Naphthalene

Concen: 0.585 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX037727.D

Acq: 14 Sep 2023 14:07

Tgt Ion:128	Resp:	7444
Ion Ratio	Lower	Upper
128	100	
127	17.0	10.3 15.5#
129	15.2	8.8 13.2#

