

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082323\
 Data File : VX037186.D
 Acq On : 23 Aug 2023 16:17
 Operator : JC/MD
 Sample : 04025-05DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D2-20230814DL

Quant Time: Aug 24 05:34:15 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)

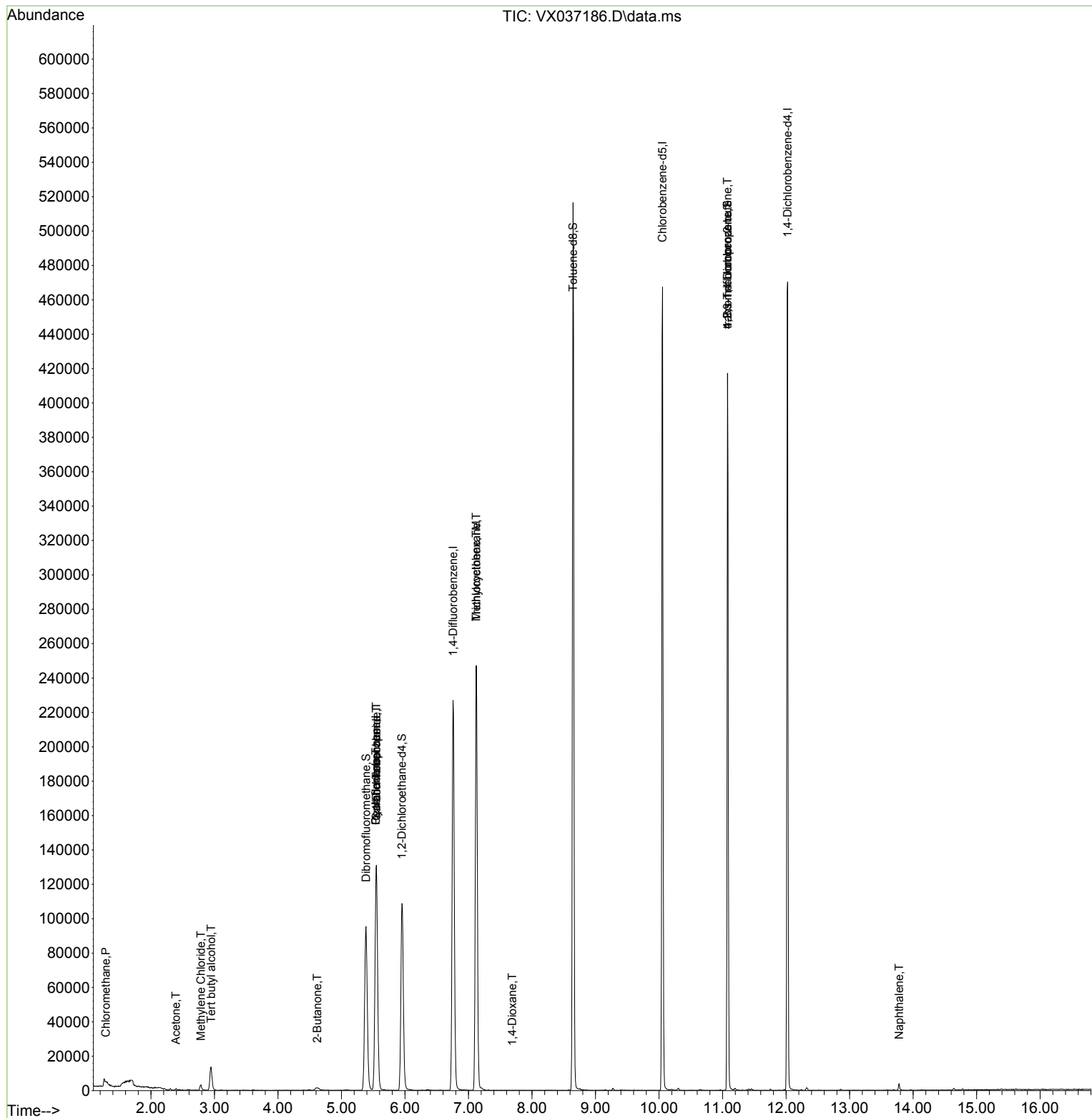
Internal Standards						
1) Pentafluorobenzene	5.544	168	121987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	238099	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97760	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	111602	63.459	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 126.920%#	
35) Dibromofluoromethane	5.385	113	84595	53.647	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.300%	
50) Toluene-d8	8.647	98	302363	52.861	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.720%	
62) 4-Bromofluorobenzene	11.079	95	113775	50.615	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.240%	
Target Compounds						
						Qvalue
3) Chloromethane	1.288	50	371	0.299	ug/l #	87
11) Tert butyl alcohol	2.947	59	8634	20.929	ug/l #	79
16) Acetone	2.392	43	796	1.157	ug/l	96
20) Methylene Chloride	2.788	84	1729	1.124	ug/l #	83
25) 2-Butanone	4.617	43	257	0.248	ug/l #	51
31) Cyclohexane	5.544	56	2343	1.185	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9827	4.386	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13011	5.346	ug/l #	16
39) Methylcyclohexane	7.123	83	1119	0.475	ug/l #	1
44) Trichloroethene	7.123	130	98113	53.852	ug/l	99
49) 1,4-Dioxane	7.690	88	19	0.398	ug/l #	12
76) 1,2,3-Trichloropropane	11.079	75	58532	28.114	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	58532	78.523	ug/l #	5
95) Naphthalene	13.780	128	3154	0.387	ug/l #	93

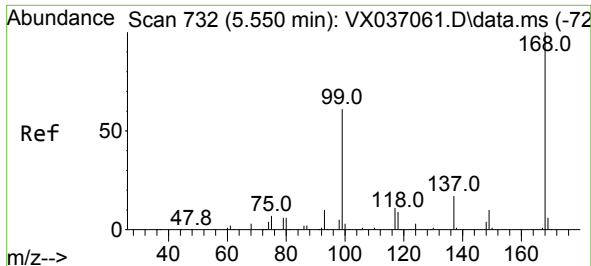
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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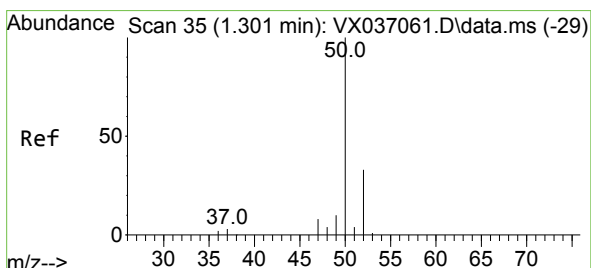
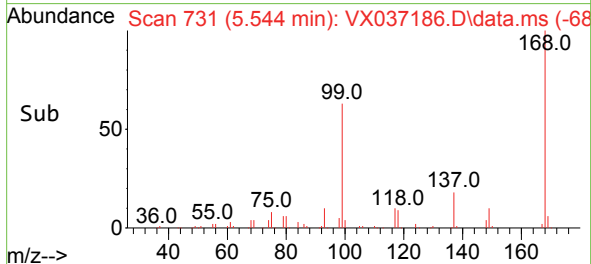
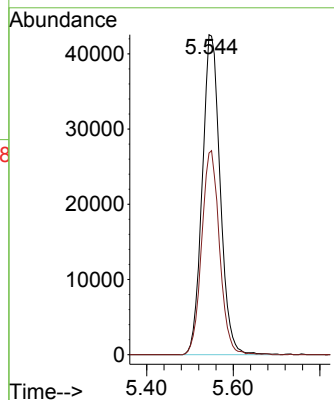
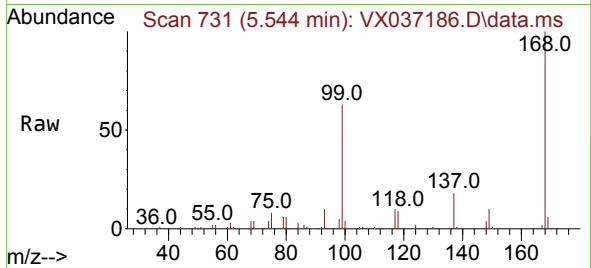




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX037186.D
Acq: 23 Aug 2023 16:17

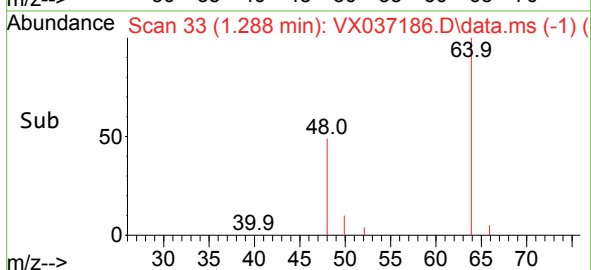
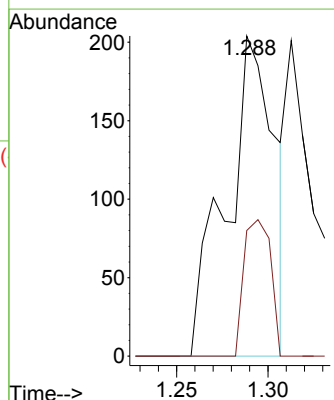
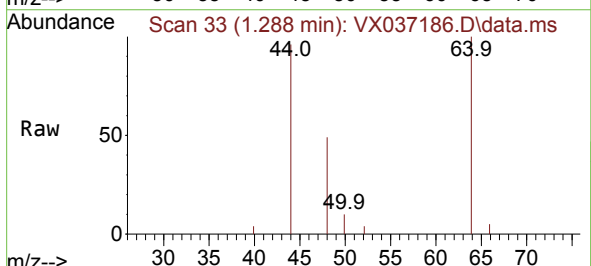
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20230814DL

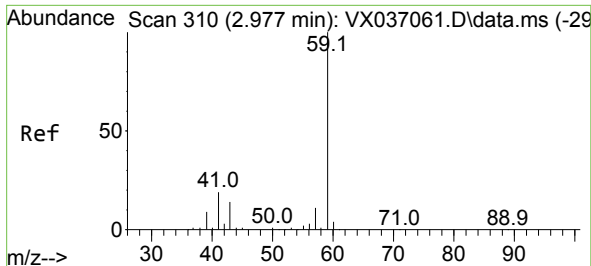
Tgt Ion:168 Resp: 121987
Ion Ratio Lower Upper
168 100
99 63.0 56.6 85.0



#3
Chloromethane
Concen: 0.299 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.012 min
Lab File: VX037186.D
Acq: 23 Aug 2023 16:17

Tgt Ion: 50 Resp: 371
Ion Ratio Lower Upper
50 100
52 39.2 25.5 38.3#





#11

Tert butyl alcohol

Concen: 20.929 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.030 min

Lab File: VX037186.D

Acq: 23 Aug 2023 16:17

Instrument :

MSVOA_X

ClientSampleId :

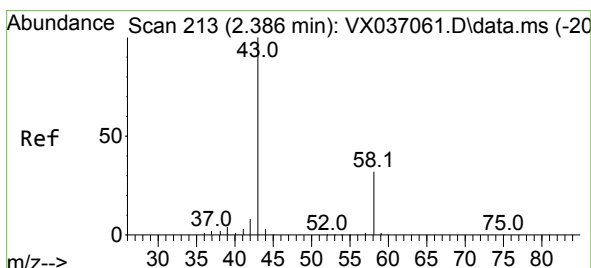
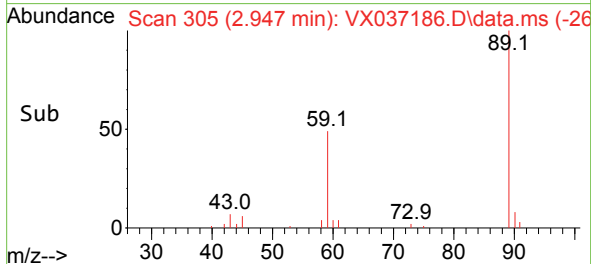
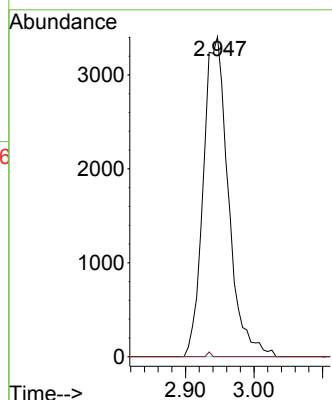
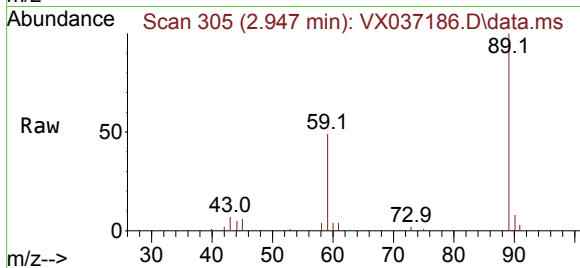
RE126D2-20230814DL

Tgt Ion: 59 Resp: 8634

Ion Ratio Lower Upper

59 100

57 0.2 6.0 9.0#



#16

Acetone

Concen: 1.157 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX037186.D

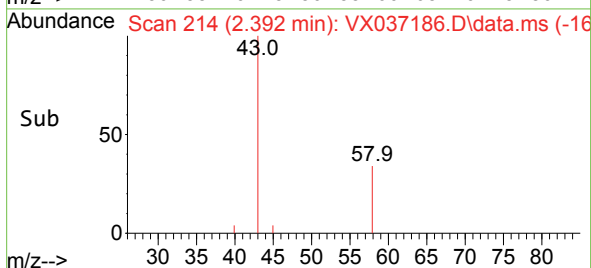
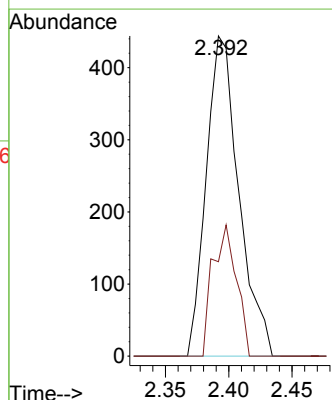
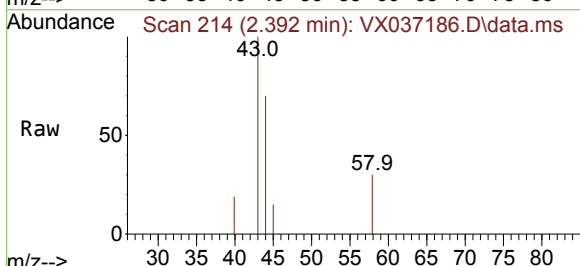
Acq: 23 Aug 2023 16:17

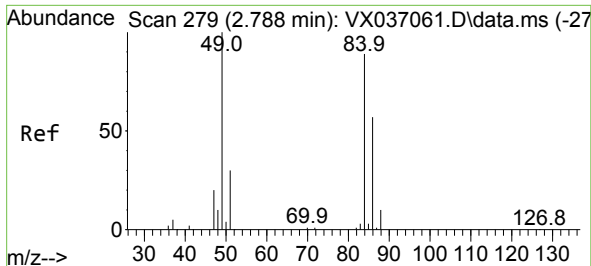
Tgt Ion: 43 Resp: 796

Ion Ratio Lower Upper

43 100

58 29.5 21.9 32.9





#20

Methylene Chloride

Concen: 1.124 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX037186.D

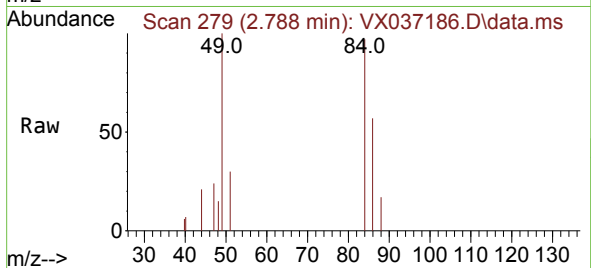
Acq: 23 Aug 2023 16:17

Instrument :

MSVOA_X

ClientSampleId :

RE126D2-20230814DL



Tgt Ion: 84 Resp: 1729

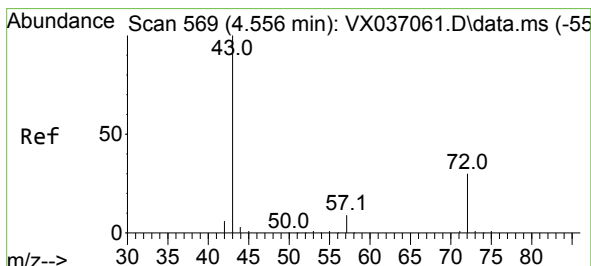
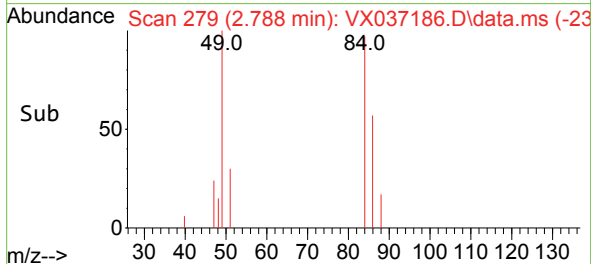
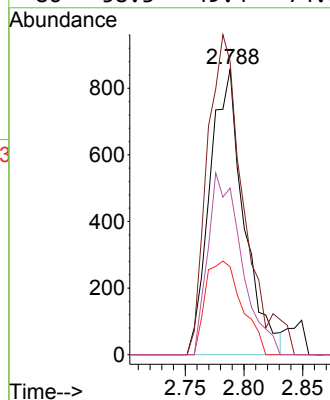
Ion Ratio Lower Upper

84 100

49 102.7 103.6 155.4#

51 30.8 33.8 50.6#

86 58.3 49.4 74.0



#25

2-Butanone

Concen: 0.248 ug/l

RT: 4.617 min Scan# 579

Delta R.T. 0.061 min

Lab File: VX037186.D

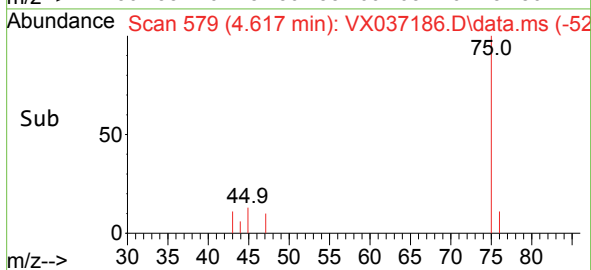
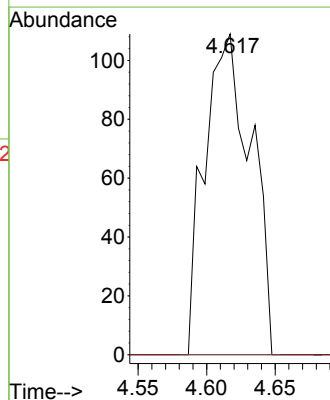
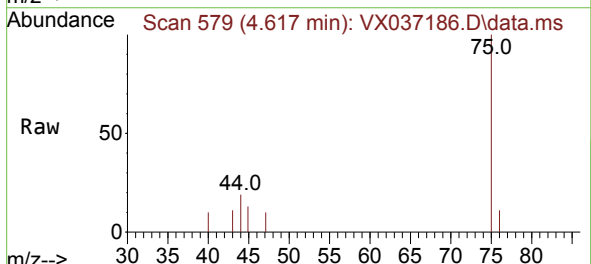
Acq: 23 Aug 2023 16:17

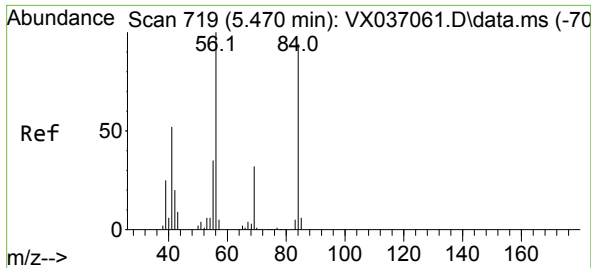
Tgt Ion: 43 Resp: 257

Ion Ratio Lower Upper

43 100

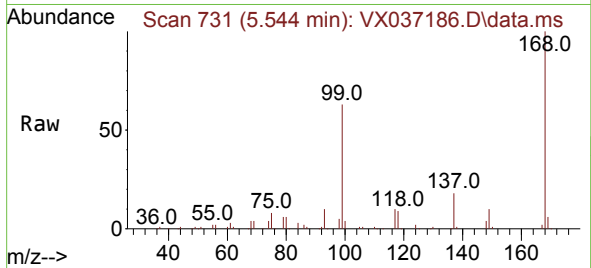
72 0.0 19.4 29.2#





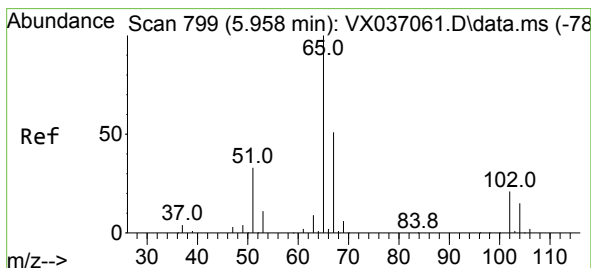
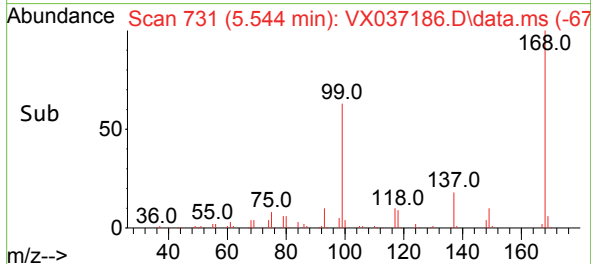
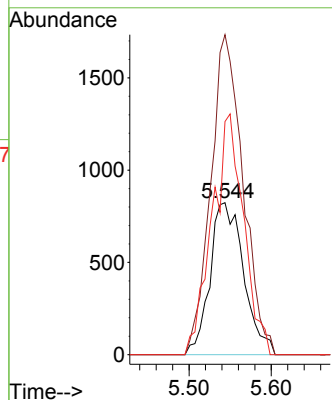
#31
Cyclohexane
Concen: 1.185 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX037186.D
Acq: 23 Aug 2023 16:17

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20230814DL



Tgt Ion: 56 Resp: 2343

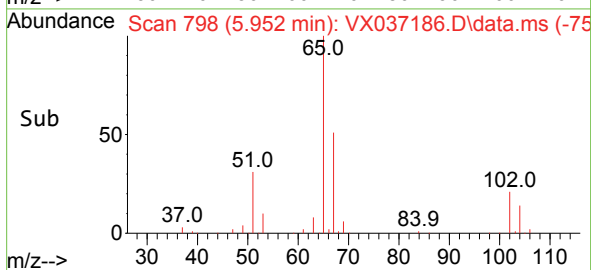
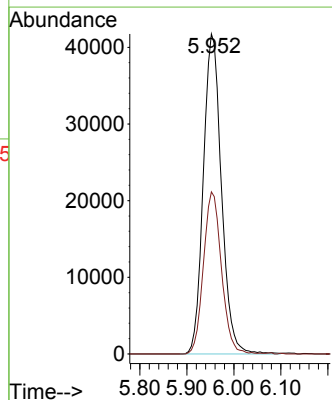
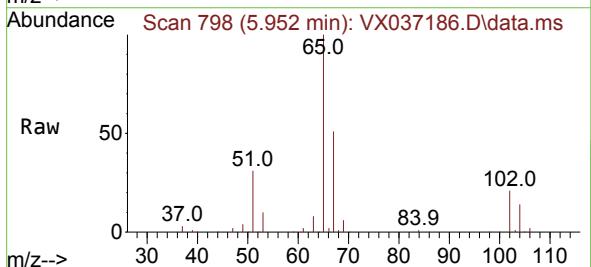
Ion	Ratio	Lower	Upper
56	100		
69	210.4	23.4	35.2#
84	153.3	65.9	98.9#

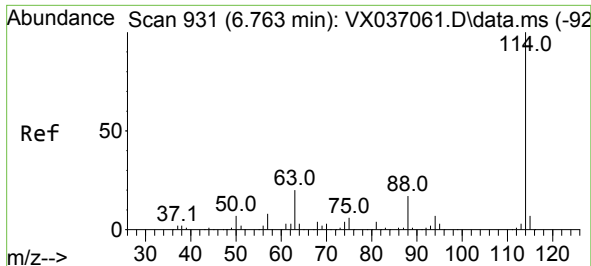


#33
1,2-Dichloroethane-d4
Concen: 63.459 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037186.D
Acq: 23 Aug 2023 16:17

Tgt Ion: 65 Resp: 111602

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	100.2

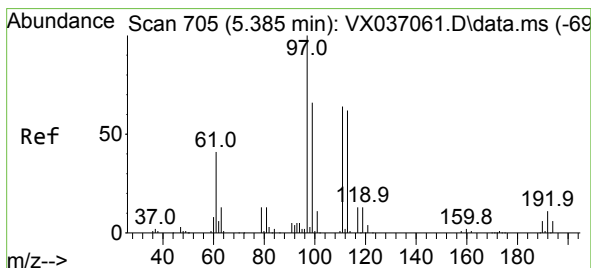
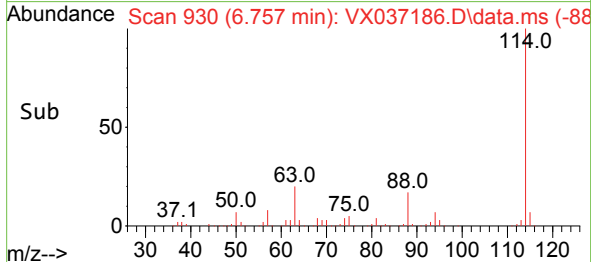
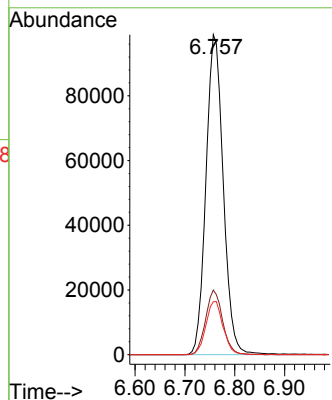
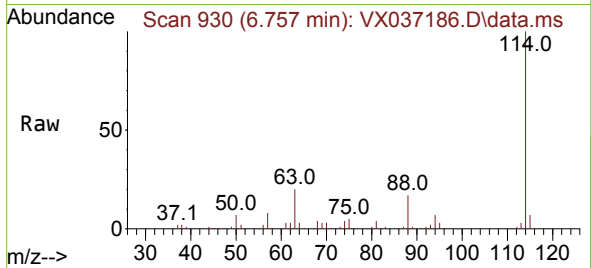




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX037186.D
Acq: 23 Aug 2023 16:17

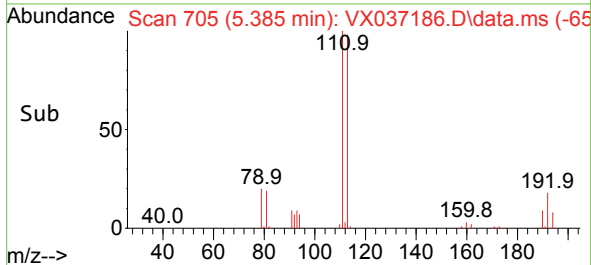
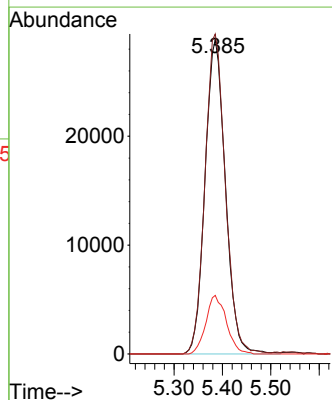
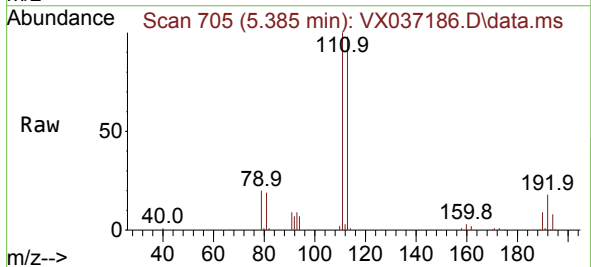
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20230814DL

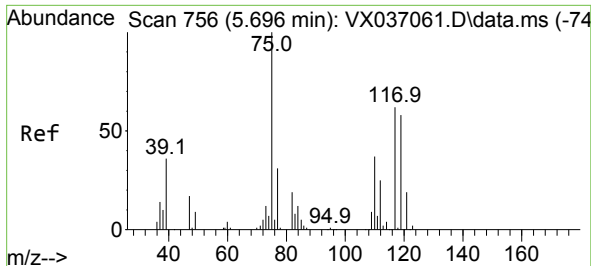
Tgt Ion:114 Resp: 238099
Ion Ratio Lower Upper
114 100
63 20.2 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 53.647 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037186.D
Acq: 23 Aug 2023 16:17

Tgt Ion:113 Resp: 84595
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 18.7 13.3 19.9

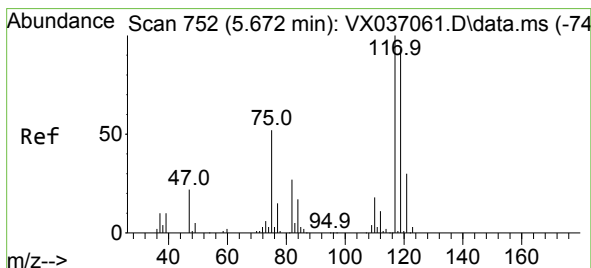
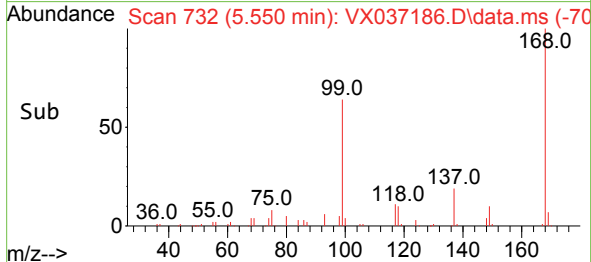
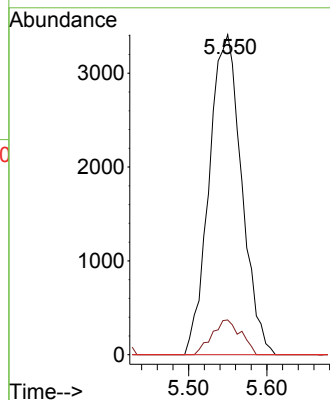
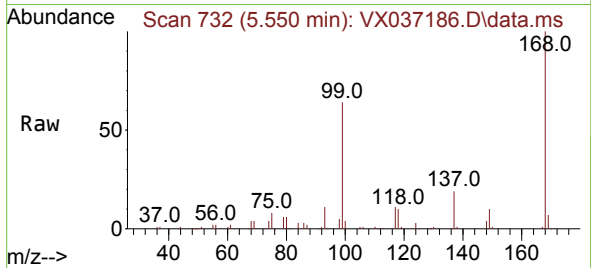




#36
1,1-Dichloropropene
Concen: 4.386 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX037186.D
Acq: 23 Aug 2023 16:17

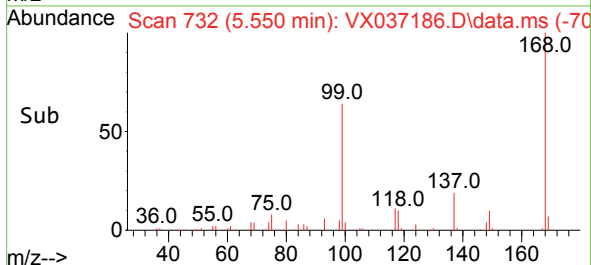
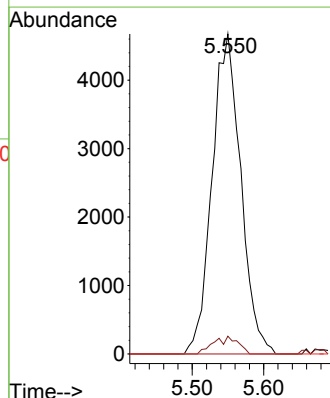
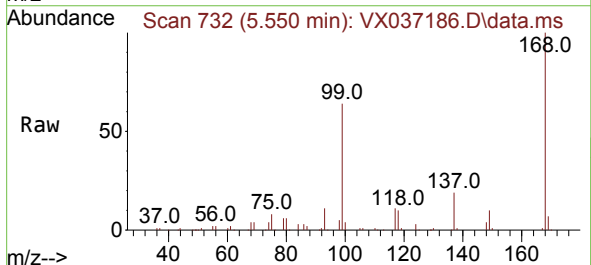
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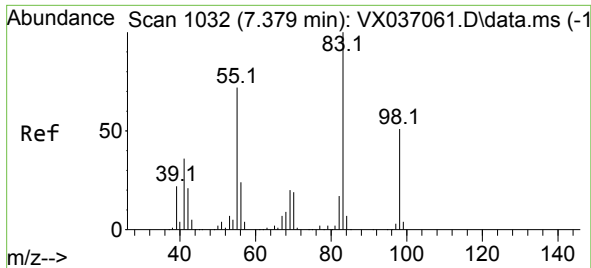
Tgt Ion: 75 Resp: 9827
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.346 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX037186.D
Acq: 23 Aug 2023 16:17

Tgt Ion: 117 Resp: 13011
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#

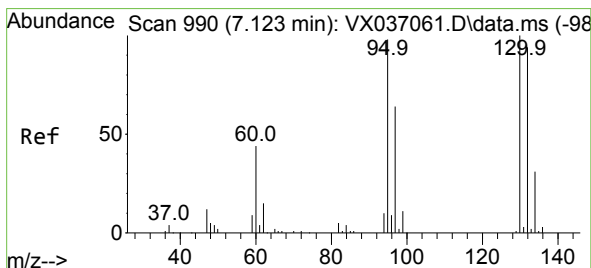
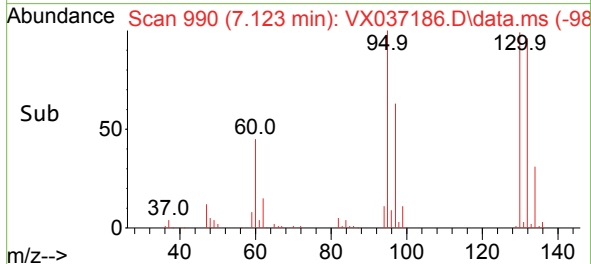
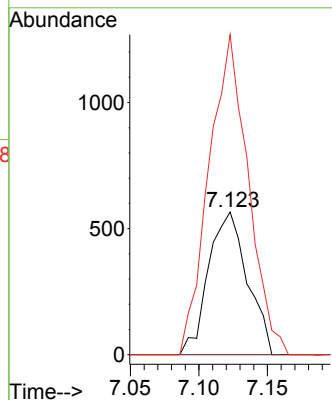
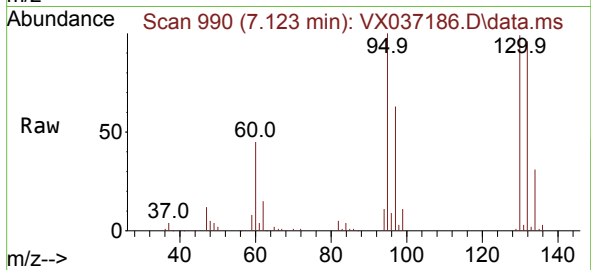




#39
Methylcyclohexane
Concen: 0.475 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.256 min
Lab File: VX037186.D
Acq: 23 Aug 2023 16:17

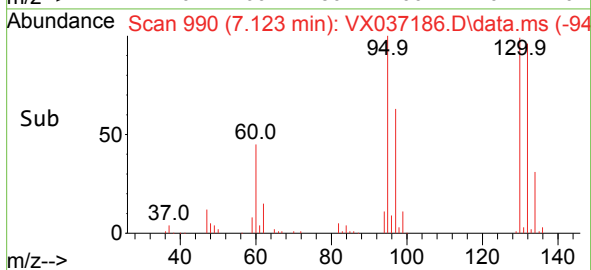
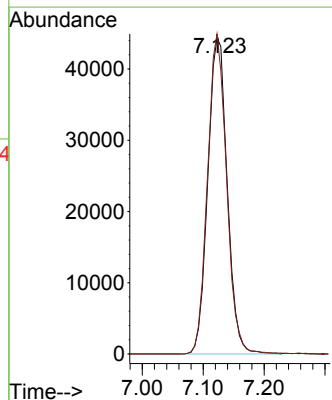
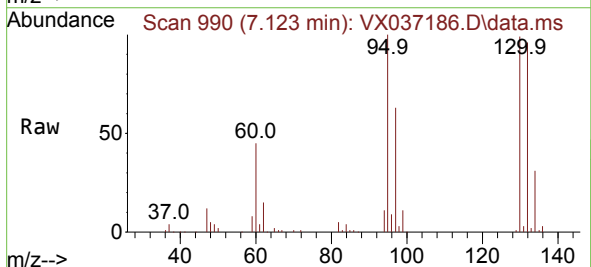
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20230814DL

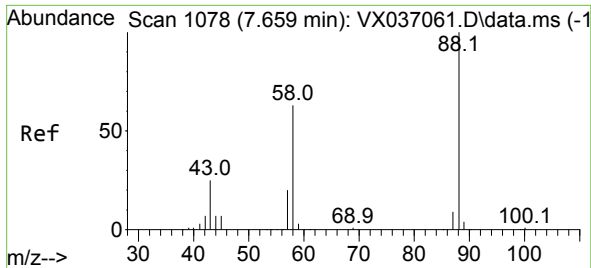
Tgt Ion: 83 Resp: 1119
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 224.2 36.7 55.1#



#44
Trichloroethene
Concen: 53.852 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037186.D
Acq: 23 Aug 2023 16:17

Tgt Ion:130 Resp: 98113
Ion Ratio Lower Upper
130 100
95 101.1 0.0 204.4

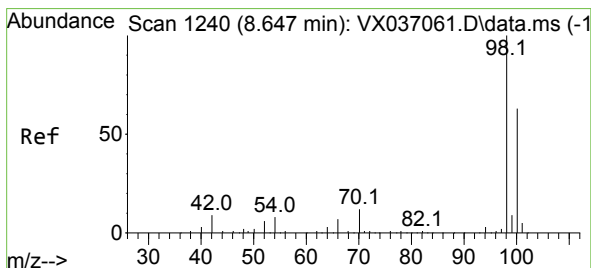
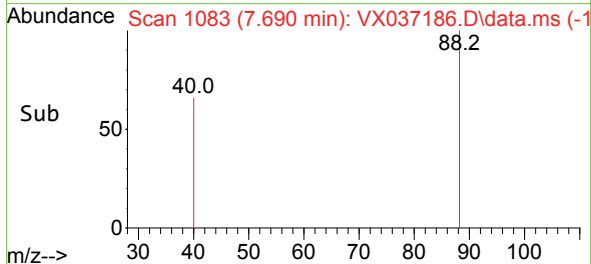
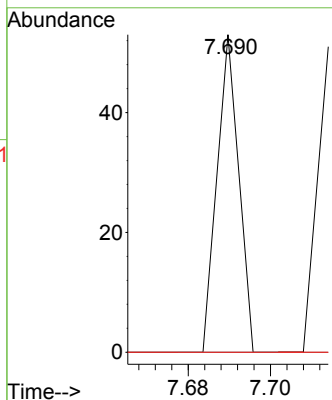
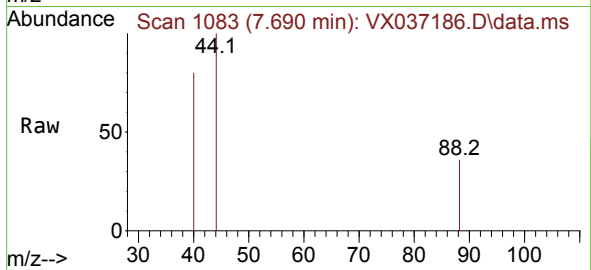




#49
1,4-Dioxane
Concen: 0.398 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.031 min
Lab File: VX037186.D
Acq: 23 Aug 2023 16:17

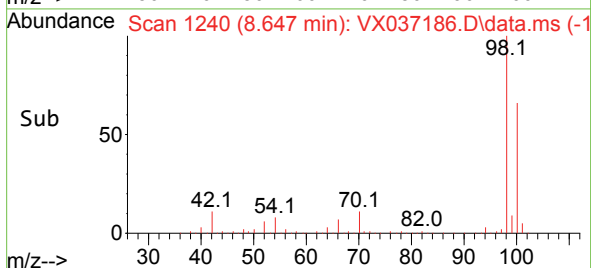
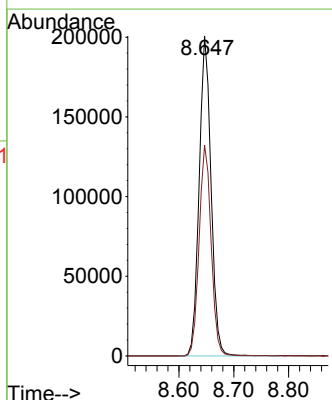
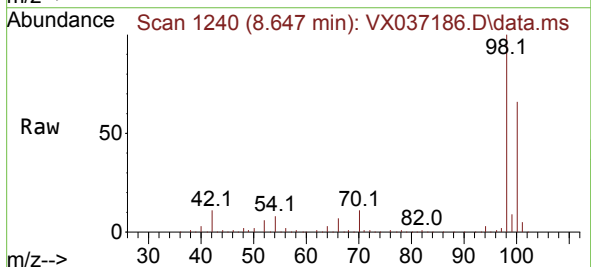
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20230814DL

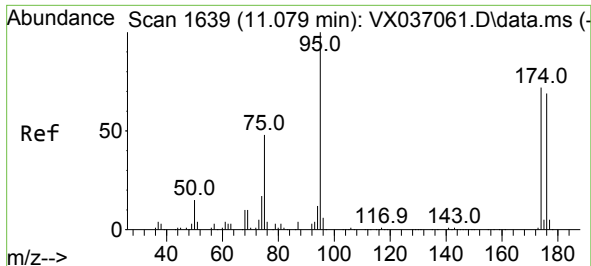
Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#



#50
Toluene-d8
Concen: 52.861 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037186.D
Acq: 23 Aug 2023 16:17

Tgt Ion: 98 Resp: 302363
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7

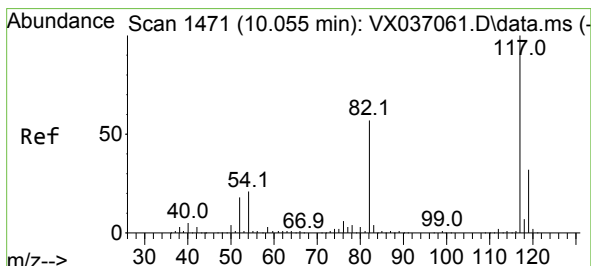
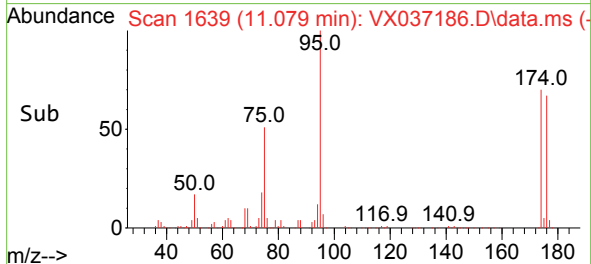
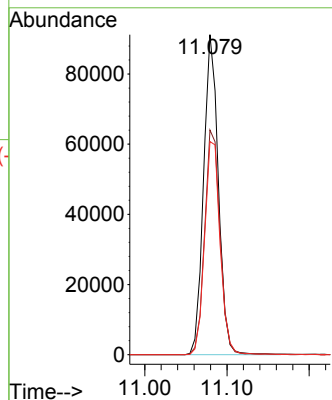
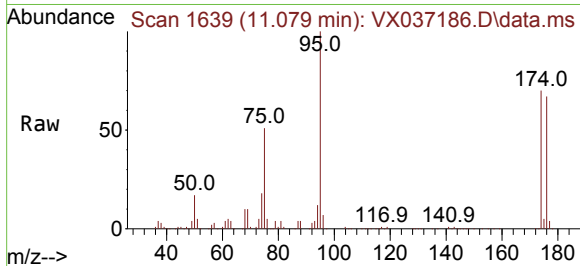




#62
4-Bromofluorobenzene
Concen: 50.615 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037186.D
Acq: 23 Aug 2023 16:17

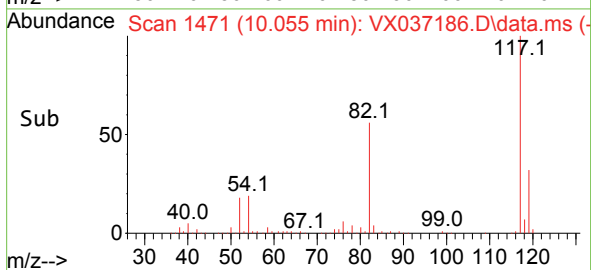
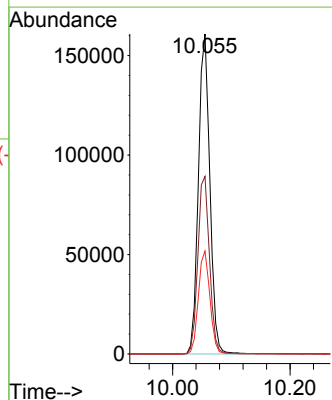
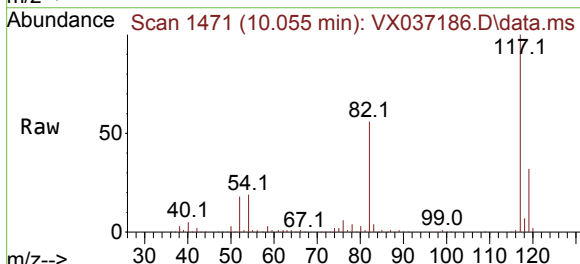
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20230814DL

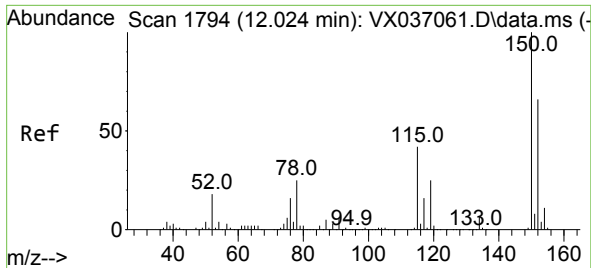
Tgt Ion: 95 Resp: 113775
Ion Ratio Lower Upper
95 100
174 73.4 0.0 135.6
176 70.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037186.D
Acq: 23 Aug 2023 16:17

Tgt Ion: 117 Resp: 217351
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 32.1 25.5 38.3

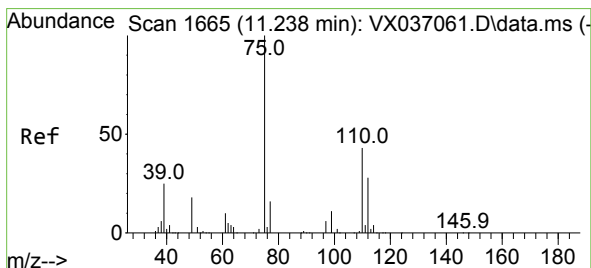
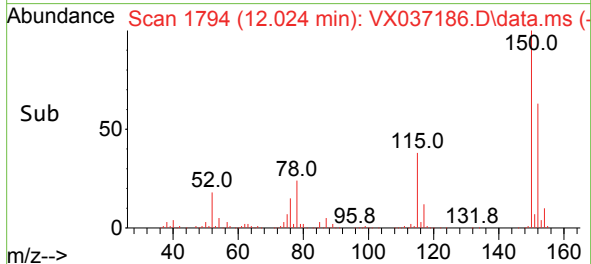
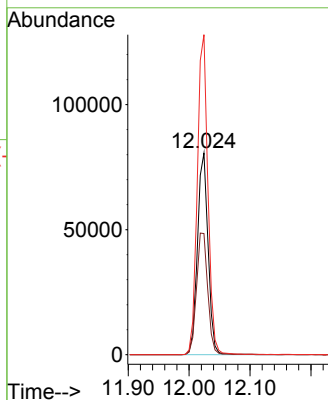
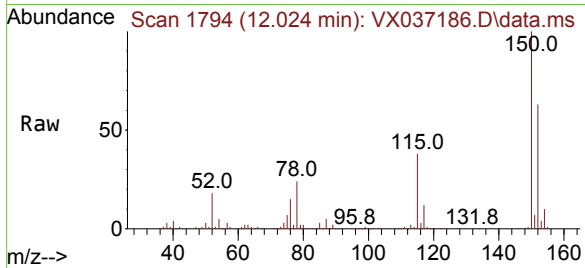




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037186.D
 Acq: 23 Aug 2023 16:17

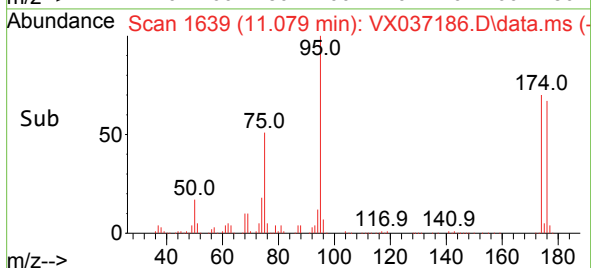
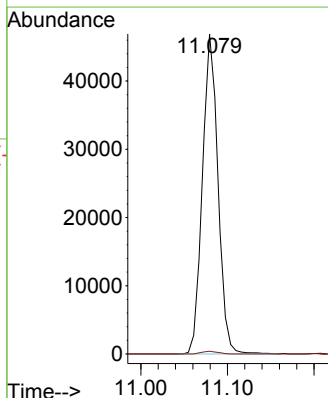
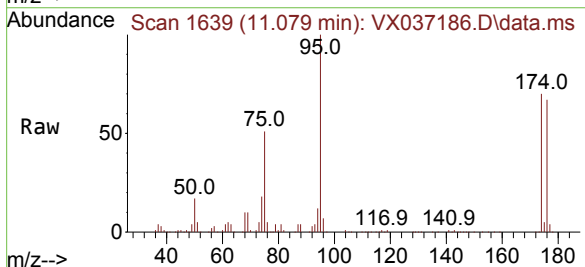
Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D2-20230814DL

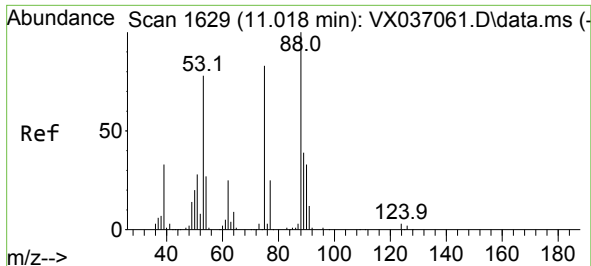
Tgt Ion:152 Resp: 97760
 Ion Ratio Lower Upper
 152 100
 115 63.6 43.3 129.9
 150 158.2 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 28.114 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX037186.D
 Acq: 23 Aug 2023 16:17

Tgt Ion: 75 Resp: 58532
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.1 57.5#

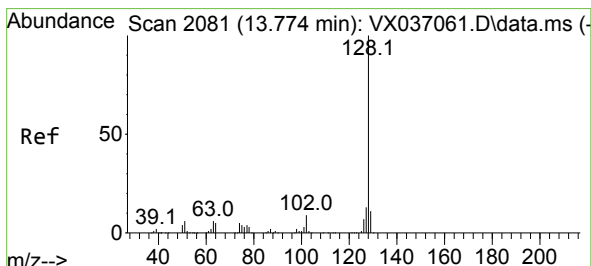
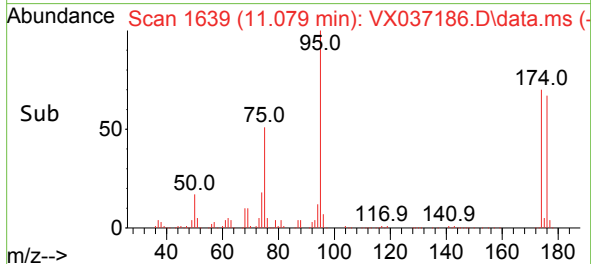
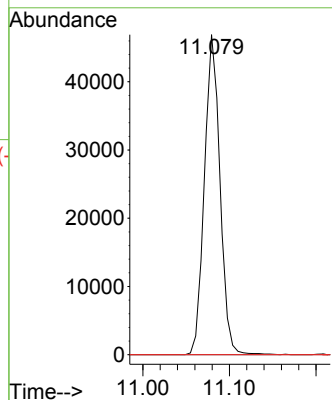
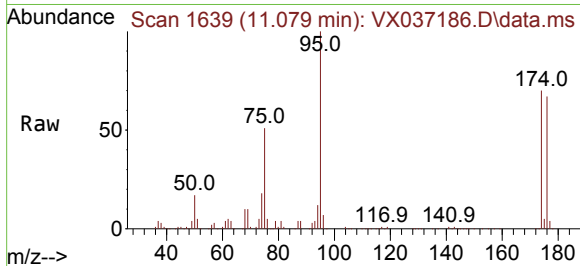




#81
trans-1,4-Dichloro-2-butene
Concen: 78.523 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037186.D
Acq: 23 Aug 2023 16:17

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20230814DL

Tgt Ion: 75 Resp: 58532
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.387 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX037186.D
Acq: 23 Aug 2023 16:17

Tgt Ion:128 Resp: 3154
Ion Ratio Lower Upper
128 100
127 10.0 10.3 15.5#
129 8.5 8.8 13.2#

