

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090623\
 Data File : VX037564.D
 Acq On : 06 Sep 2023 19:07
 Operator : JC/MD
 Sample : 04287-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BR-03-127-090123-3V

Quant Time: Sep 06 22:48:36 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)

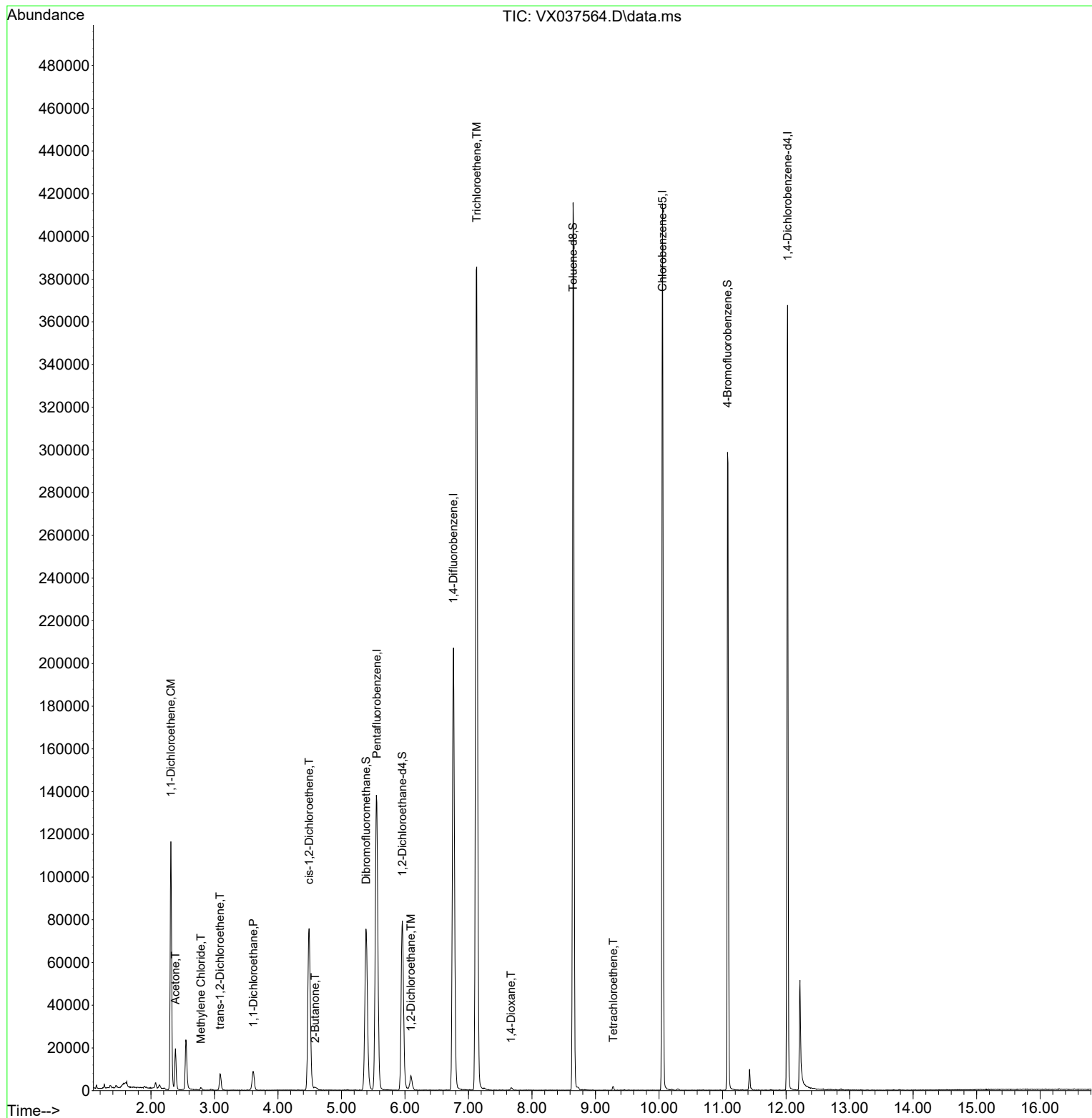
Internal Standards						
1) Pentafluorobenzene	5.556	168	134495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	222542	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77693	40.069	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	80.140%
35) Dibromofluoromethane	5.385	113	67610	45.873	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.740%
50) Toluene-d8	8.647	98	259784	48.592	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.180%
62) 4-Bromofluorobenzene	11.079	95	88348	42.051	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.100%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.312	96	40740	29.426	ug/l	81
16) Acetone	2.386	43	19647	25.901	ug/l #	85
20) Methylene Chloride	2.788	84	555	0.327	ug/l #	74
21) trans-1,2-Dichloroethene	3.087	96	3638	2.312	ug/l #	82
24) 1,1-Dichloroethane	3.611	63	10625	3.853	ug/l	96
25) 2-Butanone	4.586	43	2080	1.821	ug/l #	73
27) cis-1,2-Dichloroethene	4.489	96	53212	28.679	ug/l	78
42) 1,2-Dichloroethane	6.092	62	7590	3.223	ug/l	92
44) Trichloroethene	7.129	130	162695	95.542	ug/l	94
49) 1,4-Dioxane	7.671	88	1080	24.214	ug/l #	87
64) Tetrachloroethene	9.281	164	370	0.257	ug/l #	85

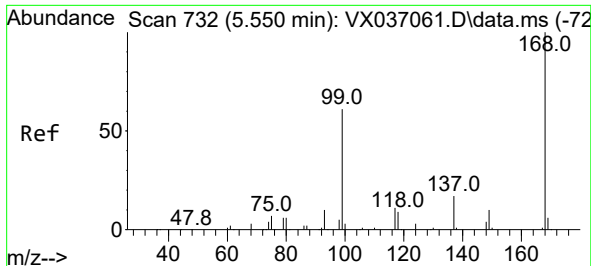
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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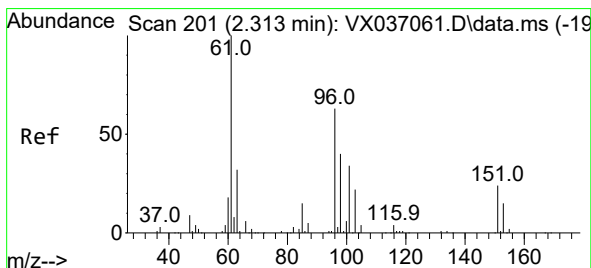
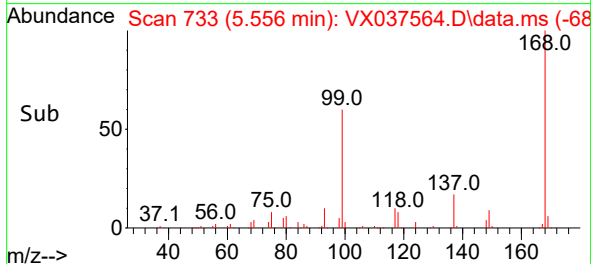
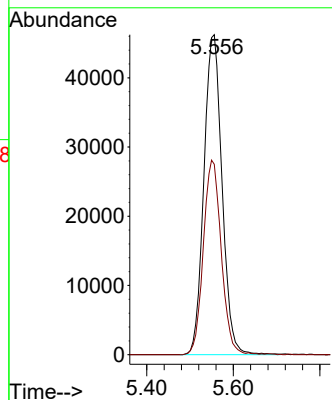
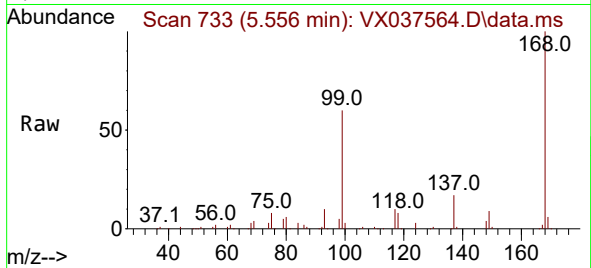




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037564.D
Acq: 06 Sep 2023 19:07

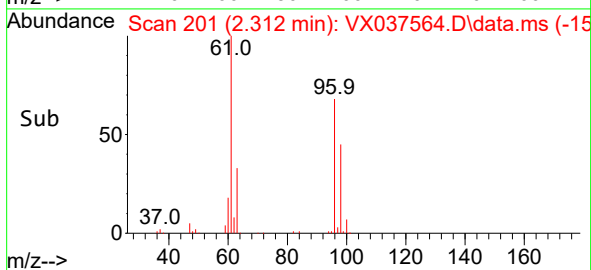
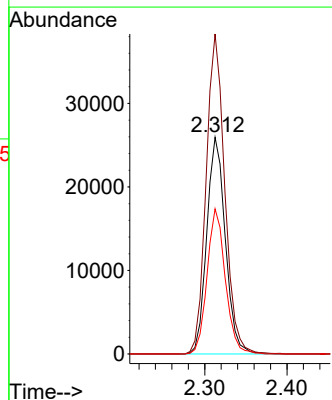
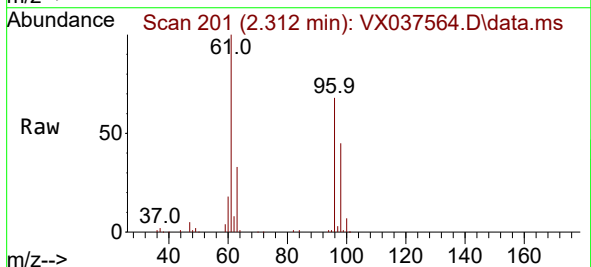
Instrument :
MSVOA_X
ClientSampleId :
BR-03-127-090123-3V

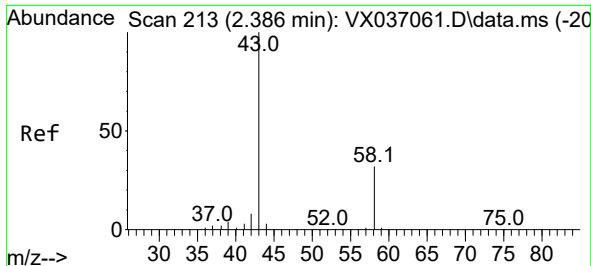
Tgt Ion:168 Resp: 134495
Ion Ratio Lower Upper
168 100
99 59.5 56.6 85.0



#12
1,1-Dichloroethene
Concen: 29.426 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX037564.D
Acq: 06 Sep 2023 19:07

Tgt Ion: 96 Resp: 40740
Ion Ratio Lower Upper
96 100
61 147.7 144.6 216.8
98 67.0 50.4 75.6





#16

Acetone

Concen: 25.901 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX037564.D

Acq: 06 Sep 2023 19:07

Instrument :

MSVOA_X

ClientSampleId :

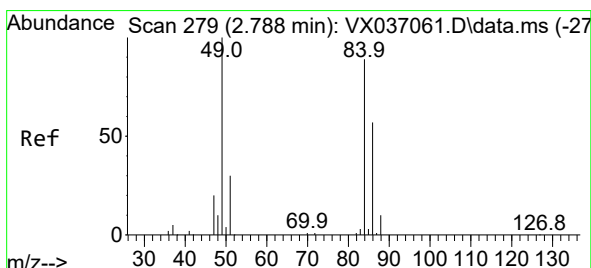
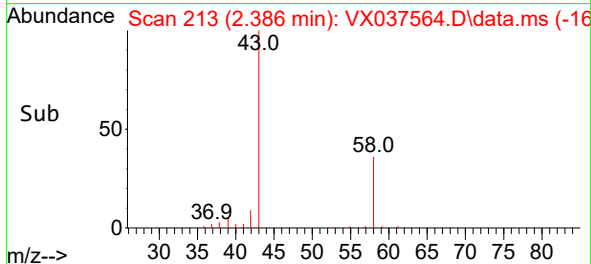
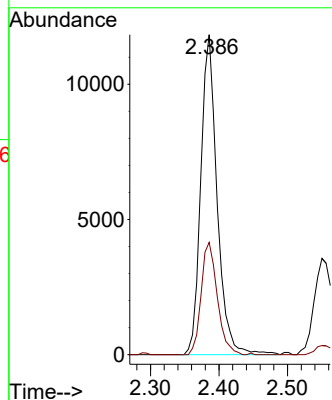
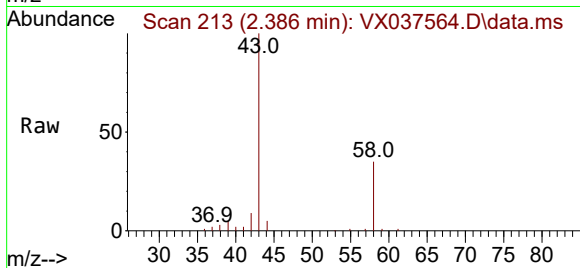
BR-03-127-090123-3V

Tgt Ion: 43 Resp: 19647

Ion Ratio Lower Upper

43 100

58 35.1 21.9 32.9#



#20

Methylene Chloride

Concen: 0.327 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX037564.D

Acq: 06 Sep 2023 19:07

Tgt Ion: 84 Resp: 555

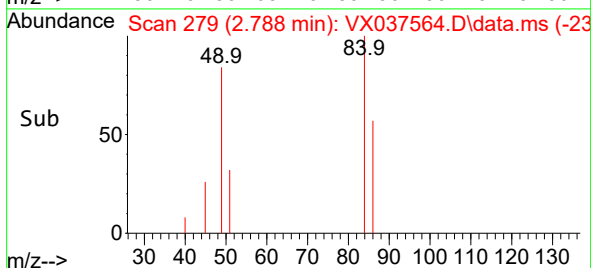
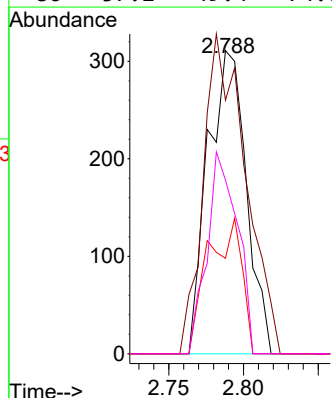
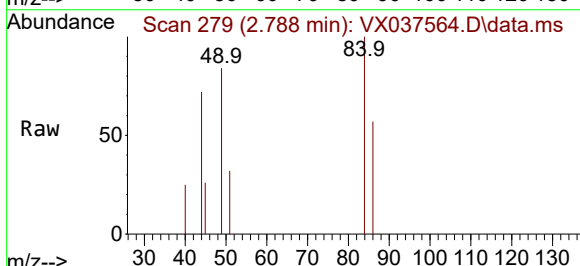
Ion Ratio Lower Upper

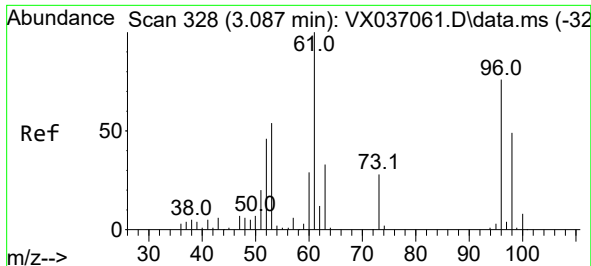
84 100

49 83.6 103.6 155.4#

51 31.5 33.8 50.6#

86 57.2 49.4 74.0

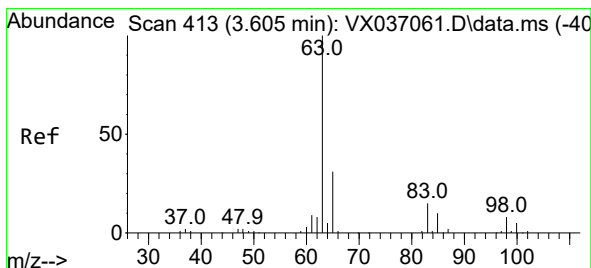
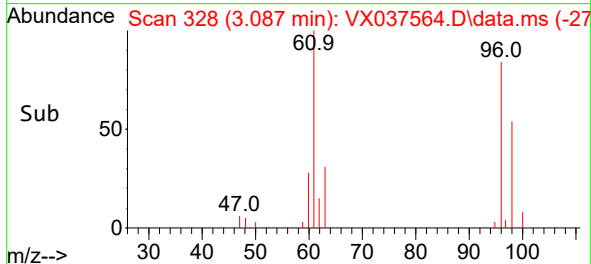
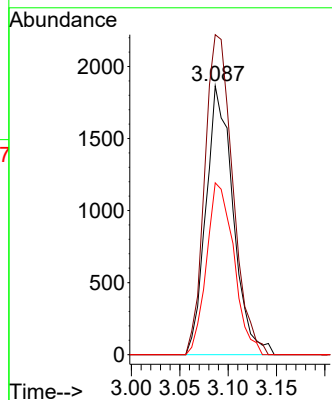
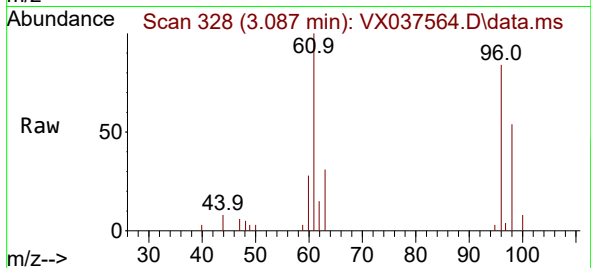




#21
trans-1,2-Dichloroethene
Concen: 2.312 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037564.D
Acq: 06 Sep 2023 19:07

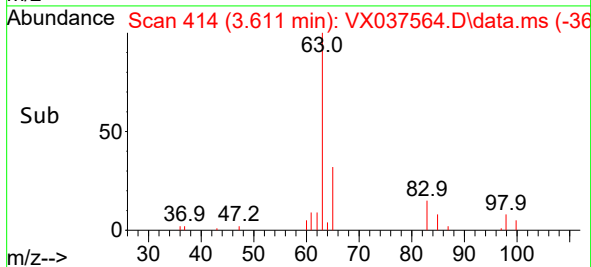
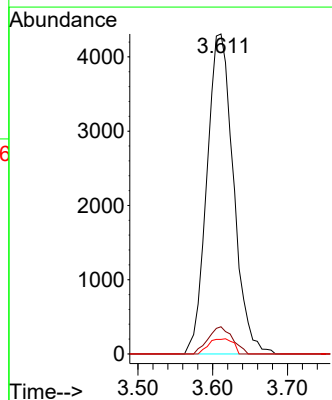
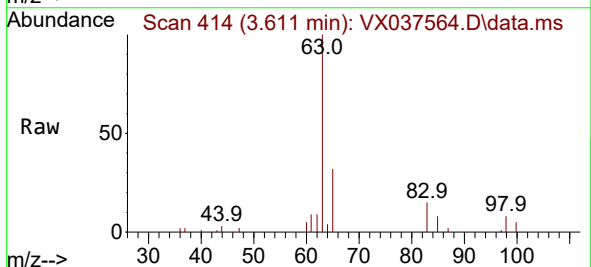
Instrument :
MSVOA_X
ClientSampleId :
BR-03-127-090123-3V

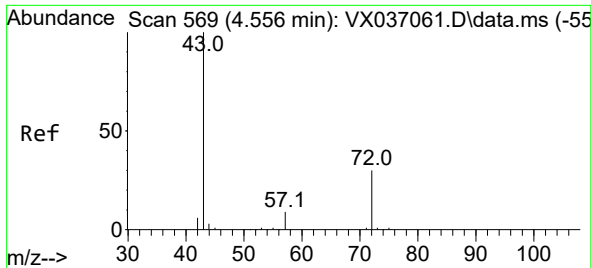
Tgt Ion: 96 Resp: 3638
Ion Ratio Lower Upper
96 100
61 119.0 119.2 178.8#
98 63.9 48.7 73.1



#24
1,1-Dichloroethane
Concen: 3.853 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX037564.D
Acq: 06 Sep 2023 19:07

Tgt Ion: 63 Resp: 10625
Ion Ratio Lower Upper
63 100
98 8.5 3.3 9.8
100 4.6 2.1 6.5

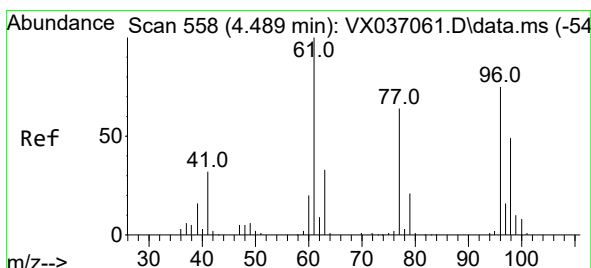
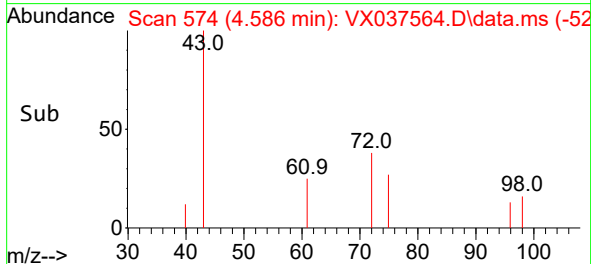
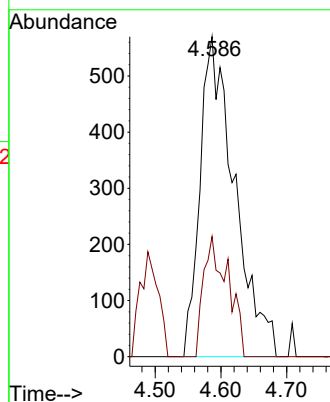
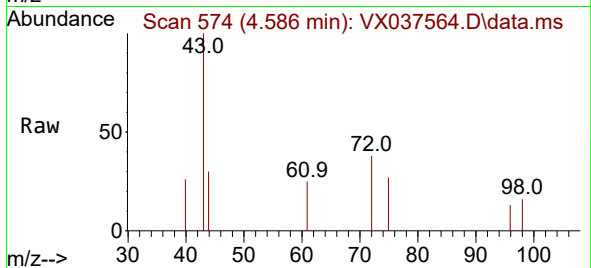




#25
2-Butanone
Concen: 1.821 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX037564.D
Acq: 06 Sep 2023 19:07

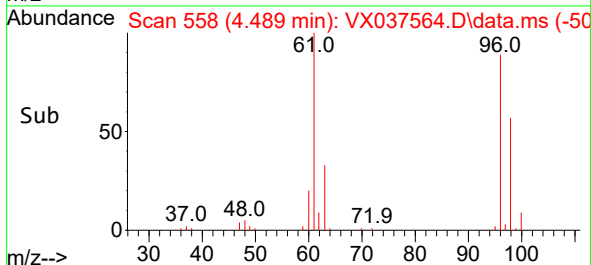
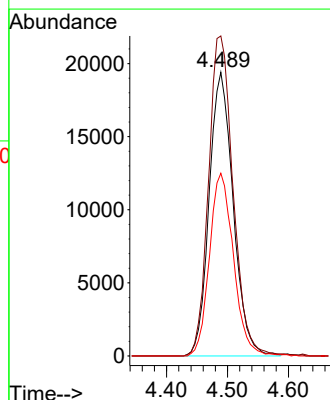
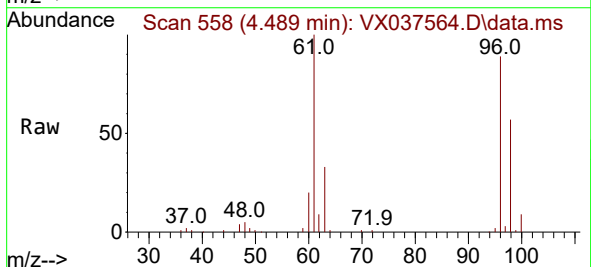
Instrument :
MSVOA_X
ClientSampleId :
BR-03-127-090123-3V

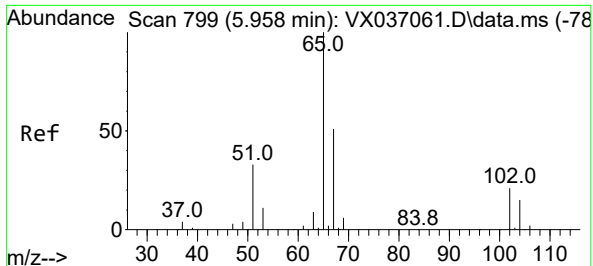
Tgt Ion: 43 Resp: 2080
Ion Ratio Lower Upper
43 100
72 37.5 19.4 29.2#



#27
cis-1,2-Dichloroethene
Concen: 28.679 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX037564.D
Acq: 06 Sep 2023 19:07

Tgt Ion: 96 Resp: 53212
Ion Ratio Lower Upper
96 100
61 115.2 0.0 312.2
98 64.5 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 40.069 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037564.D

Acq: 06 Sep 2023 19:07

Instrument :

MSVOA_X

ClientSampleId :

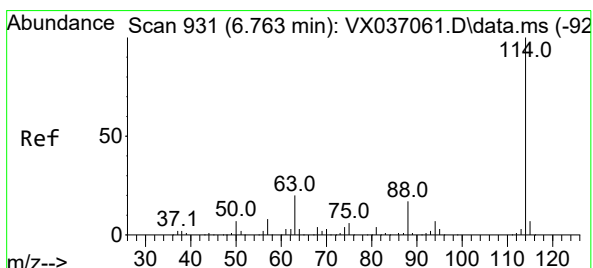
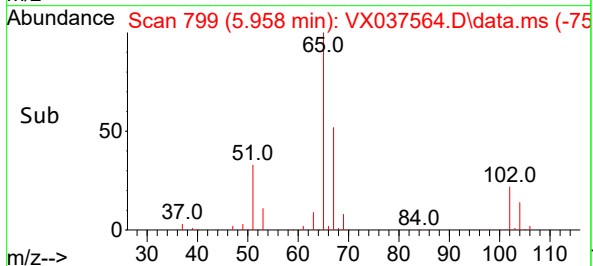
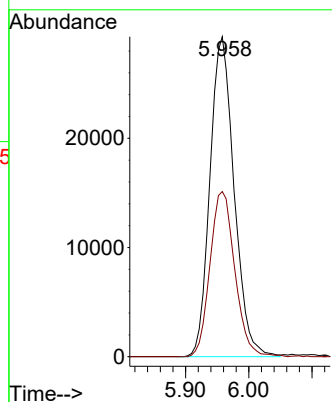
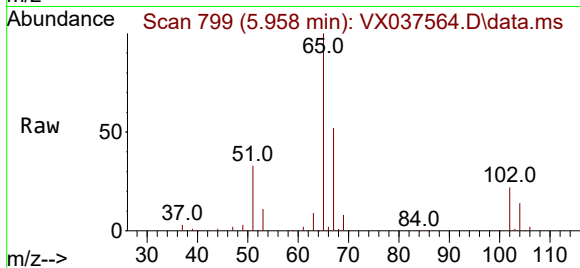
BR-03-127-090123-3V

Tgt Ion: 65 Resp: 77693

Ion Ratio Lower Upper

65 100

67 53.0 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: VX037564.D

Acq: 06 Sep 2023 19:07

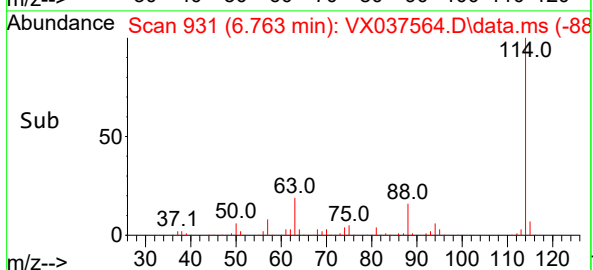
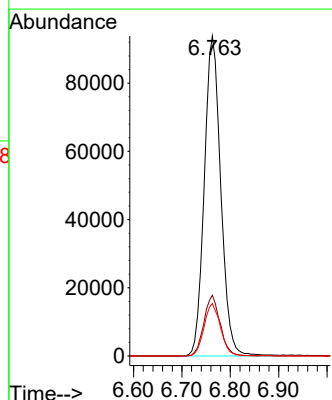
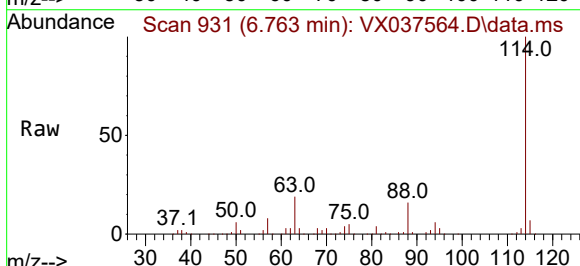
Tgt Ion: 114 Resp: 222542

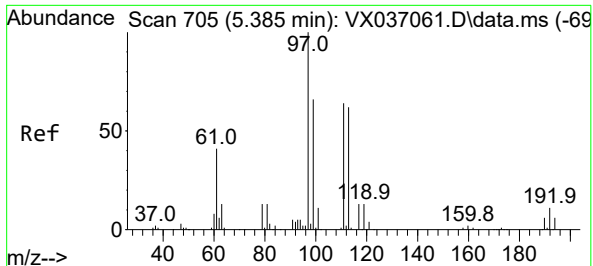
Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.0

88 16.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.873 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX037564.D

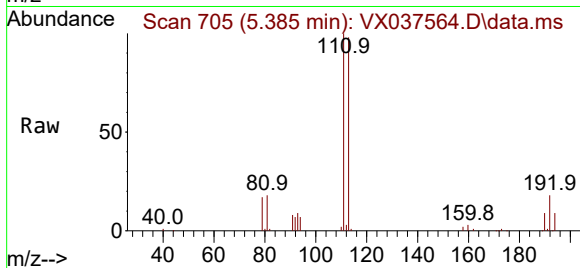
Acq: 06 Sep 2023 19:07

Instrument :

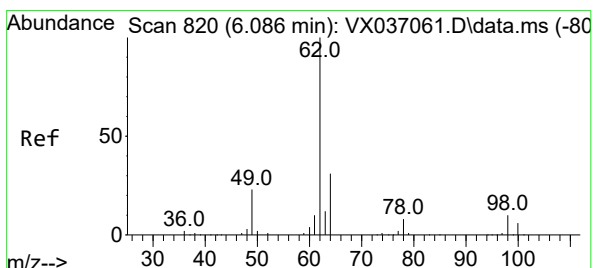
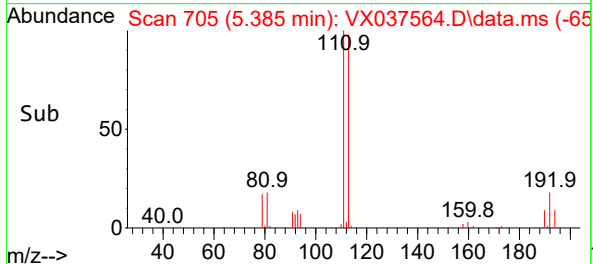
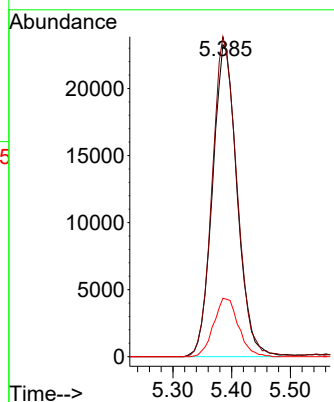
MSVOA_X

ClientSampleId :

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Tgt Ion:	113	Resp:	67610
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.9	124.3
192	18.9	13.3	19.9



#42

1,2-Dichloroethane

Concen: 3.223 ug/l

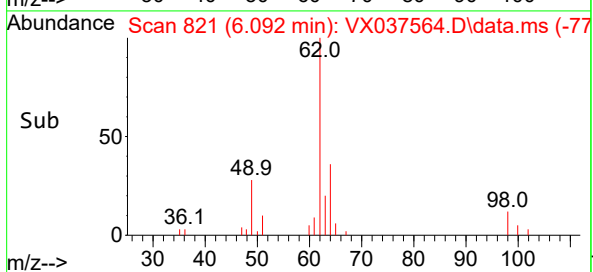
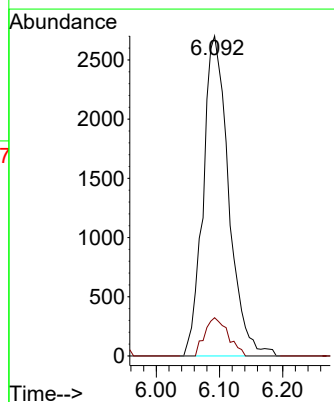
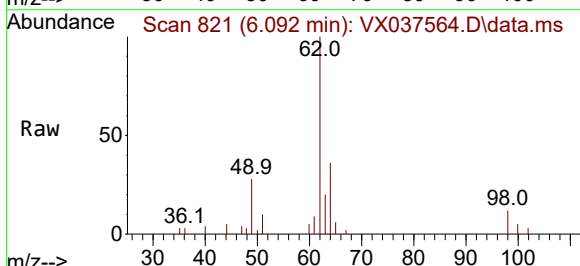
RT: 6.092 min Scan# 821

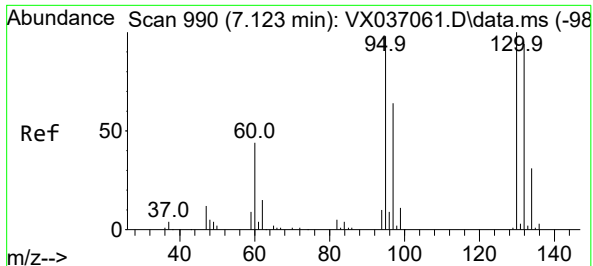
Delta R.T. 0.006 min

Lab File: VX037564.D

Acq: 06 Sep 2023 19:07

Tgt Ion:	62	Resp:	7590
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	16.0

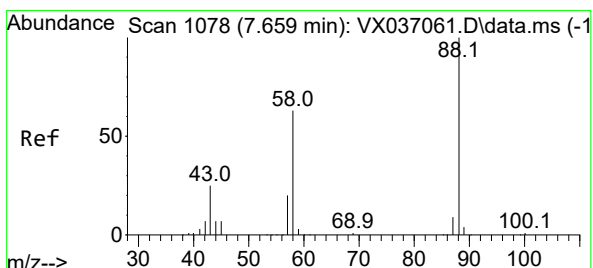
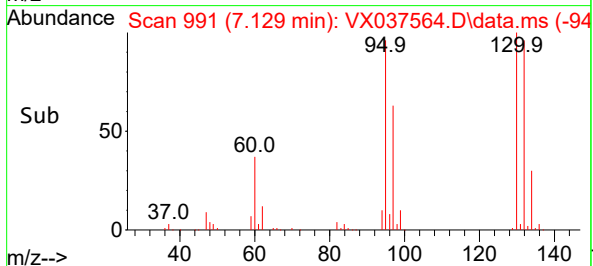
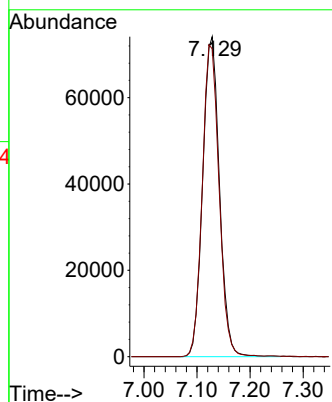
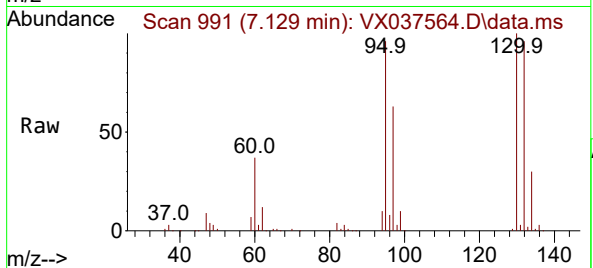




#44
Trichloroethene
Concen: 95.542 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037564.D
Acq: 06 Sep 2023 19:07

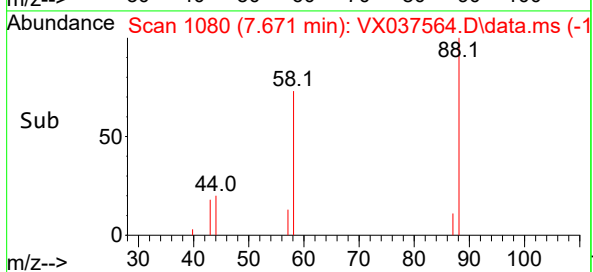
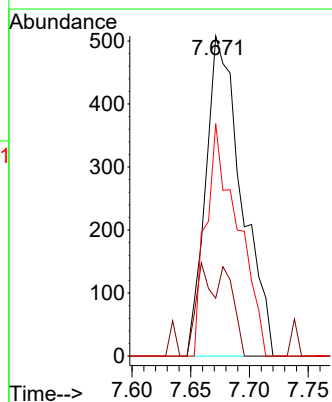
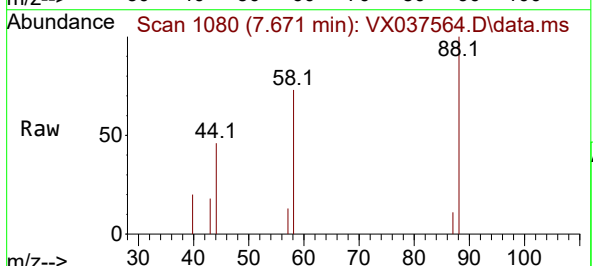
Instrument :
MSVOA_X
ClientSampleId :
BR-03-127-090123-3V

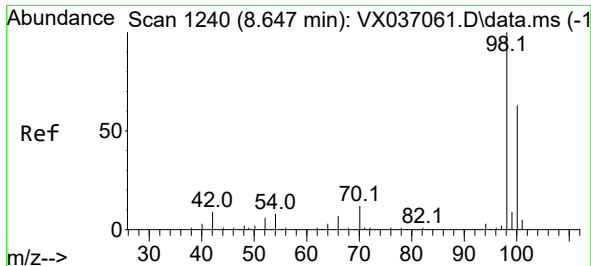
Tgt Ion:130 Resp: 162695
Ion Ratio Lower Upper
130 100
95 96.2 0.0 204.4



#49
1,4-Dioxane
Concen: 24.214 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.012 min
Lab File: VX037564.D
Acq: 06 Sep 2023 19:07

Tgt Ion: 88 Resp: 1080
Ion Ratio Lower Upper
88 100
43 14.0 0.0 0.0#
58 64.2 60.1 90.1

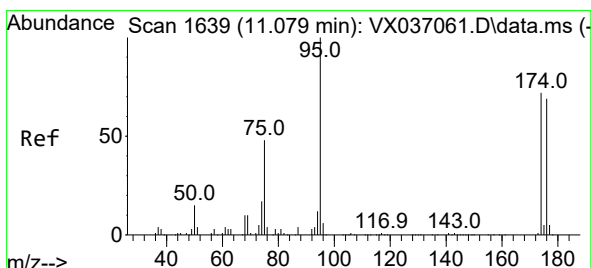
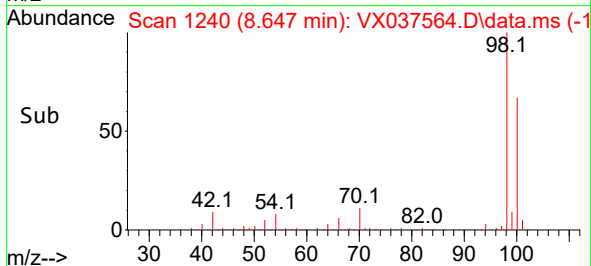
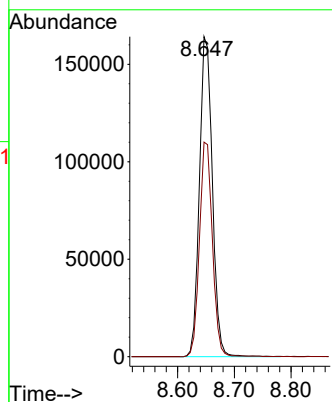
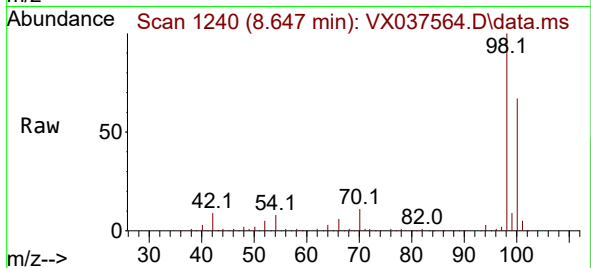




#50
Toluene-d8
Concen: 48.592 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037564.D
Acq: 06 Sep 2023 19:07

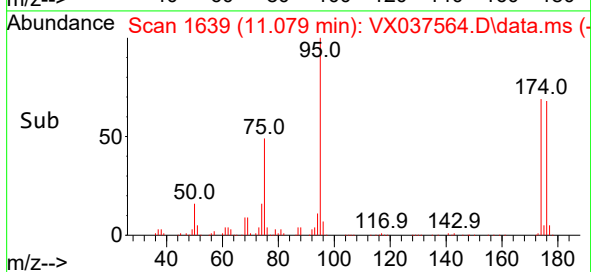
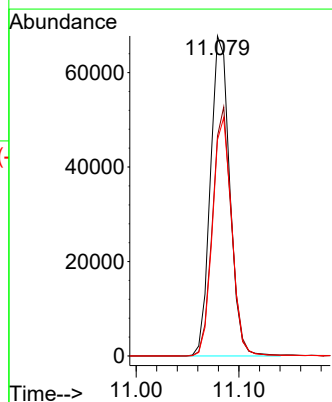
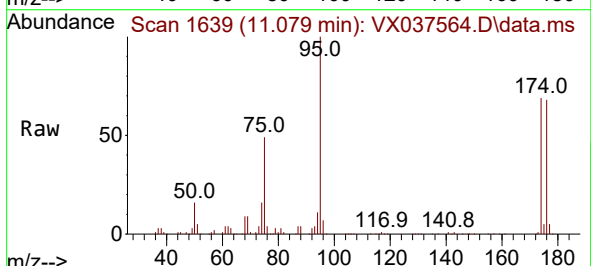
Instrument :
MSVOA_X
ClientSampleId :
BR-03-127-090123-3V

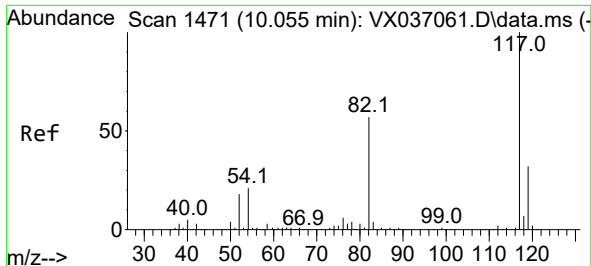
Tgt Ion: 98 Resp: 259784
Ion Ratio Lower Upper
98 100
100 67.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 42.051 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037564.D
Acq: 06 Sep 2023 19:07

Tgt Ion: 95 Resp: 88348
Ion Ratio Lower Upper
95 100
174 76.2 0.0 135.6
176 74.4 0.0 131.0

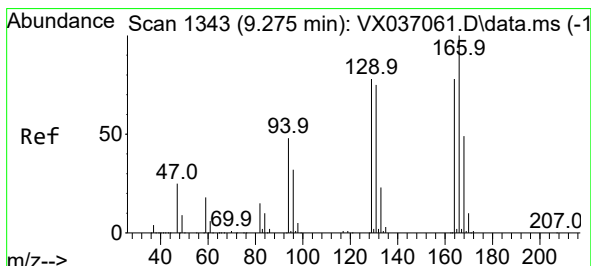
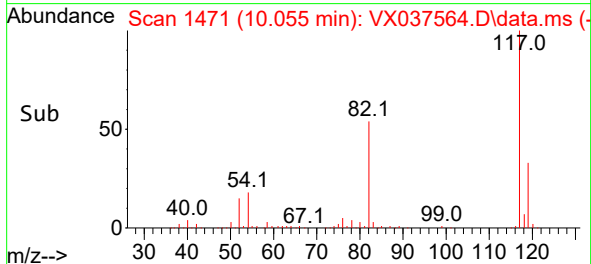
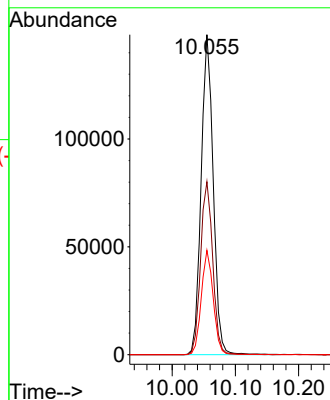
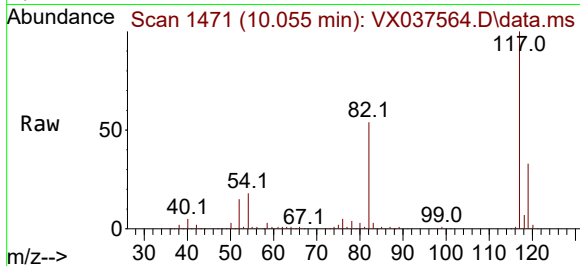




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037564.D
Acq: 06 Sep 2023 19:07

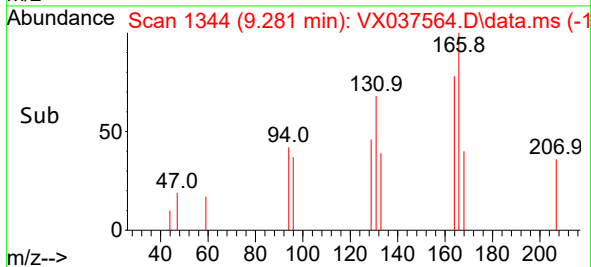
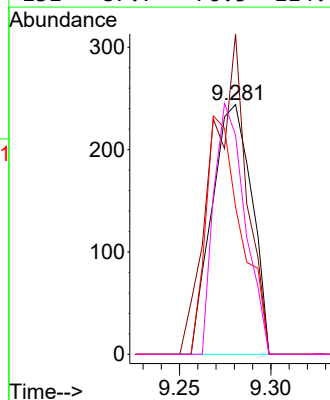
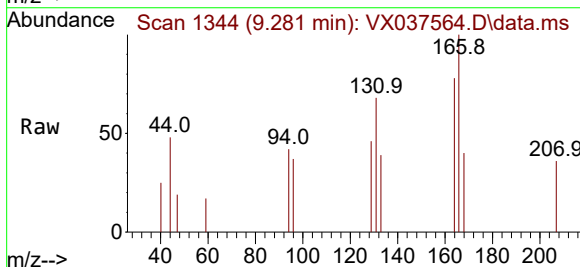
Instrument :
MSVOA_X
ClientSampleId :
BR-03-127-090123-3V

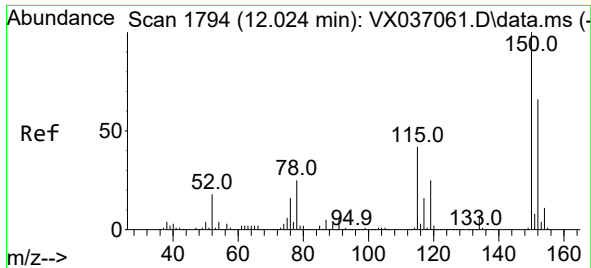
Tgt Ion:117 Resp: 197143
Ion Ratio Lower Upper
117 100
82 54.1 46.2 69.4
119 32.6 25.5 38.3



#64
Tetrachloroethene
Concen: 0.257 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX037564.D
Acq: 06 Sep 2023 19:07

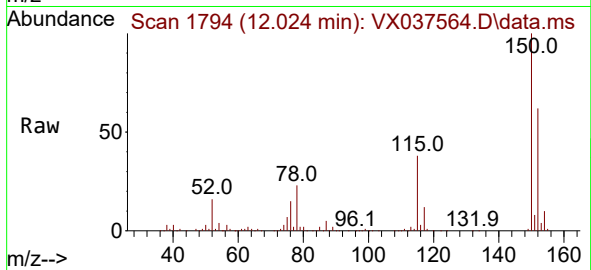
Tgt Ion:164 Resp: 370
Ion Ratio Lower Upper
164 100
166 128.3 102.7 154.1
129 59.0 80.4 120.6#
131 87.7 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037564.D
 Acq: 06 Sep 2023 19:07

Instrument :
 MSVOA_X
 ClientSampleId :
 BR-03-127-090123-3V



Tgt Ion:152 Resp: 80129
 Ion Ratio Lower Upper
 152 100
 115 63.3 43.3 129.9
 150 159.3 0.0 345.0

