

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038759.D
 Acq On : 11 Nov 2023 05:09
 Operator : JC/MD
 Sample : 05350-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D2-20231107

Quant Time: Nov 13 01:05:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

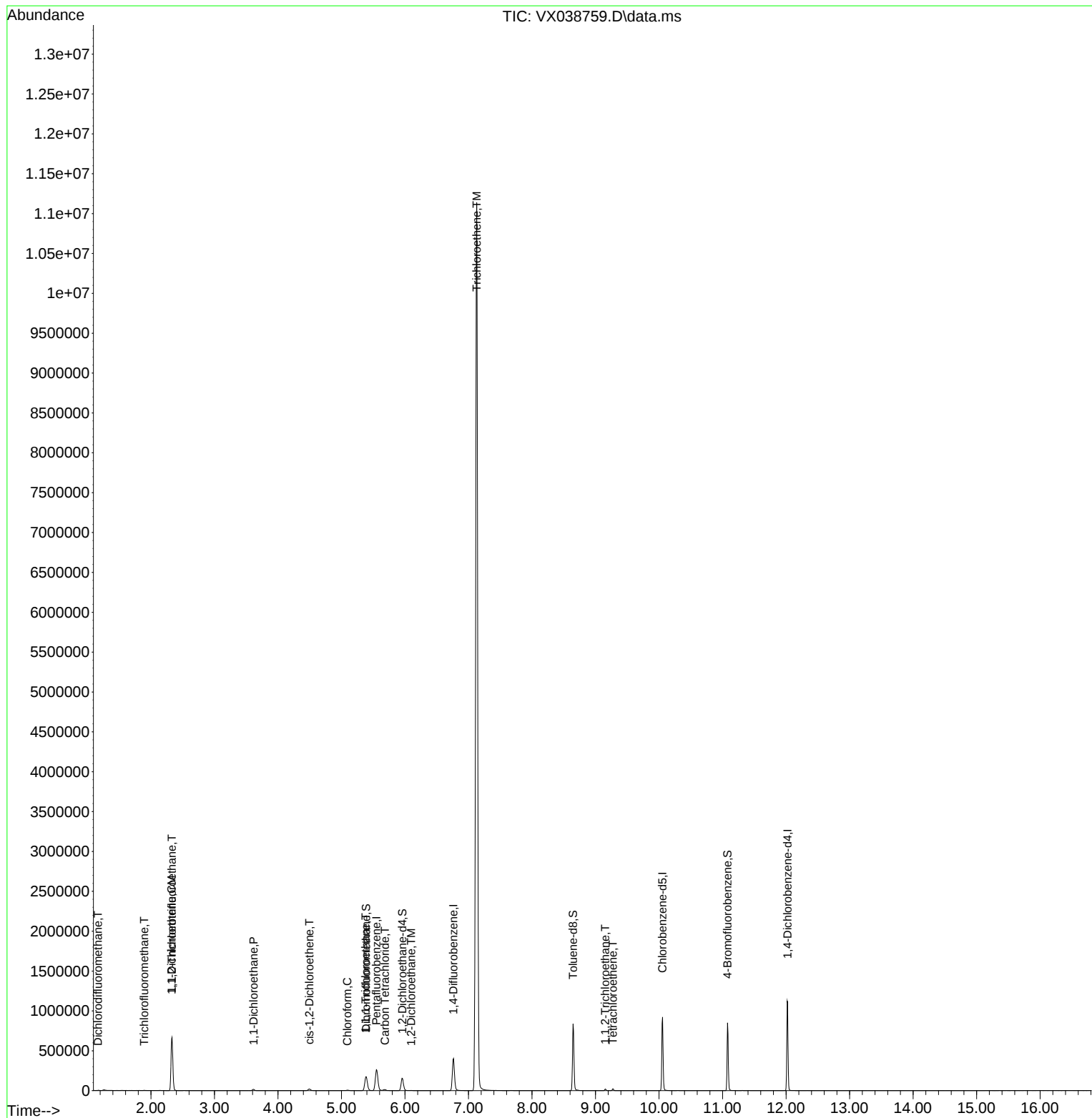
Internal Standards						
1) Pentafluorobenzene	5.550	168	272255	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	451586	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	464978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	268771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156427	46.151	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	92.300%	
35) Dibromofluoromethane	5.385	113	148311	45.600	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	91.200%	
50) Toluene-d8	8.647	98	533117	45.806	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	91.620%#	
62) 4-Bromofluorobenzene	11.079	95	228470	50.631	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	101.260%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	1181	0.418	ug/l	94
7) Trichlorofluoromethane	1.892	101	1315	0.293	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	185209	69.839	ug/l	89
12) 1,1-Dichloroethene	2.325	96	103292	40.653	ug/l	# 76
24) 1,1-Dichloroethane	3.617	63	18500	4.077	ug/l	94
27) cis-1,2-Dichloroethene	4.495	96	14530	4.549	ug/l	74
30) Chloroform	5.093	83	7813	1.467	ug/l	90
32) 1,1,1-Trichloroethane	5.379	97	10300	2.198	ug/l	98
38) Carbon Tetrachloride	5.684	117	12061	2.670	ug/l	93
42) 1,2-Dichloroethane	6.098	62	2757	0.657	ug/l	96
44) Trichloroethene	7.129	130	4587592	1267.045	ug/l	89
55) 1,1,2-Trichloroethane	9.153	97	5718	1.768	ug/l	# 93
64) Tetrachloroethene	9.275	164	4406	1.266	ug/l	91

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

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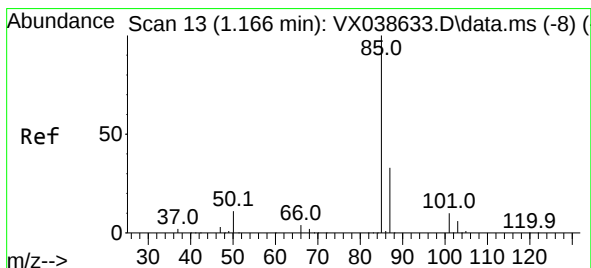
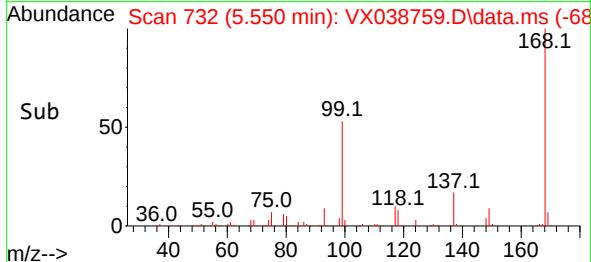
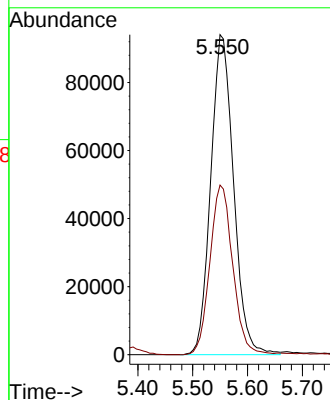
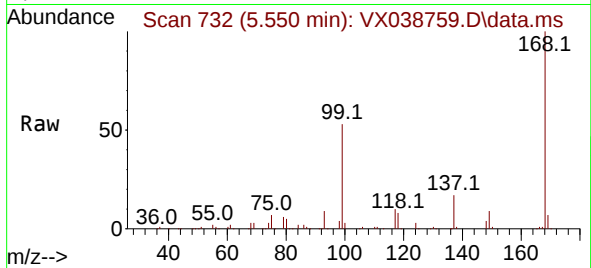




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038759.D
Acq: 11 Nov 2023 05:09

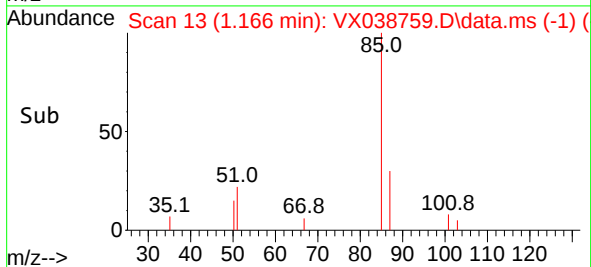
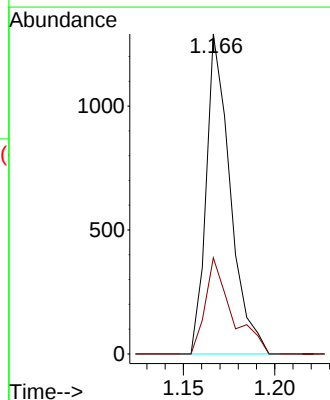
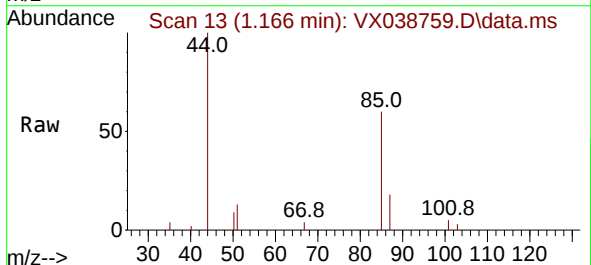
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20231107

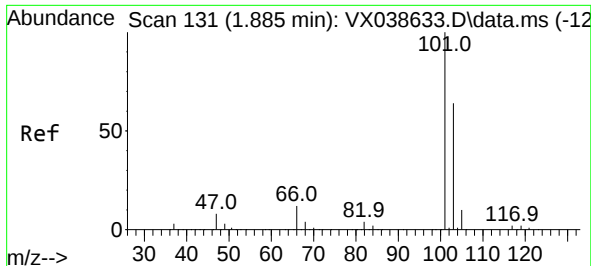
Tgt Ion:168 Resp: 272255
Ion Ratio Lower Upper
168 100
99 53.0 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 0.418 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038759.D
Acq: 11 Nov 2023 05:09

Tgt Ion: 85 Resp: 1181
Ion Ratio Lower Upper
85 100
87 30.1 16.7 50.1

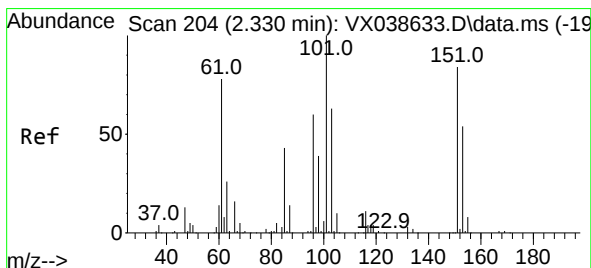
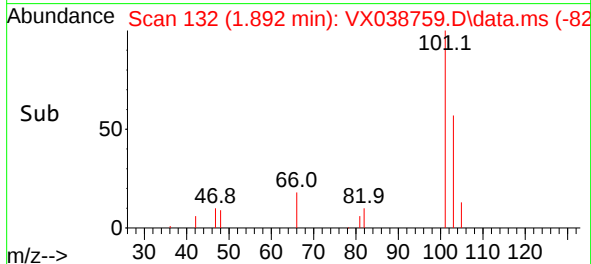
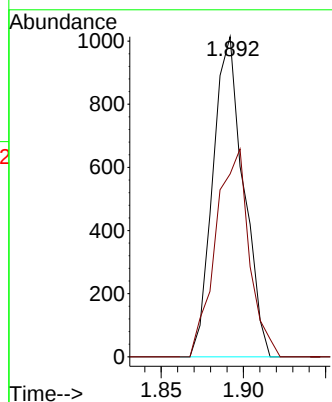
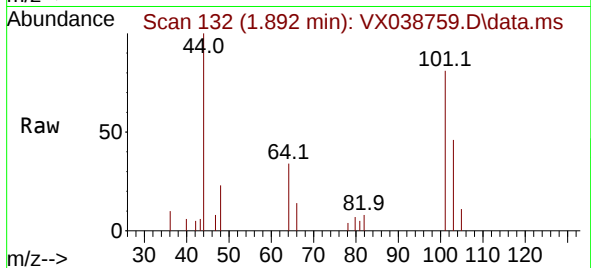




#7
Trichlorofluoromethane
Concen: 0.293 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038759.D
Acq: 11 Nov 2023 05:09

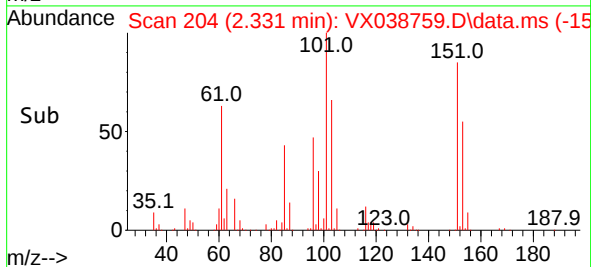
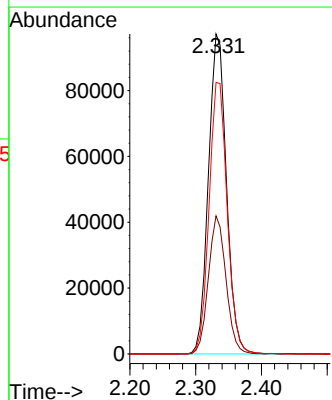
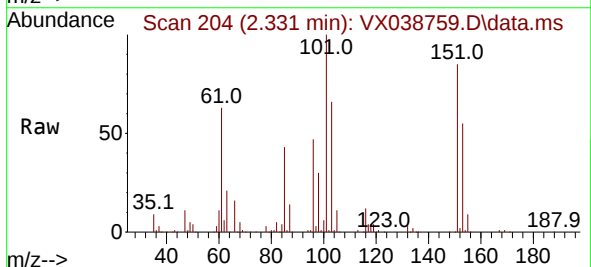
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20231107

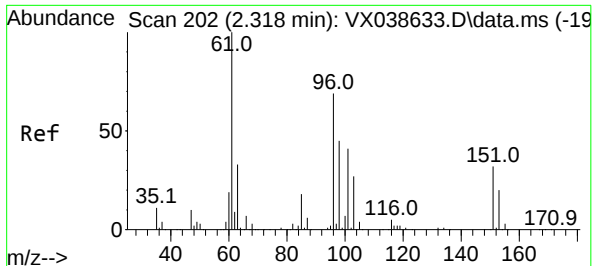
Tgt Ion:101 Resp: 1315
Ion Ratio Lower Upper
101 100
103 57.1 51.4 77.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 69.839 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038759.D
Acq: 11 Nov 2023 05:09

Tgt Ion:101 Resp: 185209
Ion Ratio Lower Upper
101 100
85 42.2 37.0 55.6
151 85.4 58.6 87.8





#12

1,1-Dichloroethene

Concen: 40.653 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX038759.D

Acq: 11 Nov 2023 05:09

Instrument :

MSVOA_X

ClientSampleId :

RE115D2-20231107

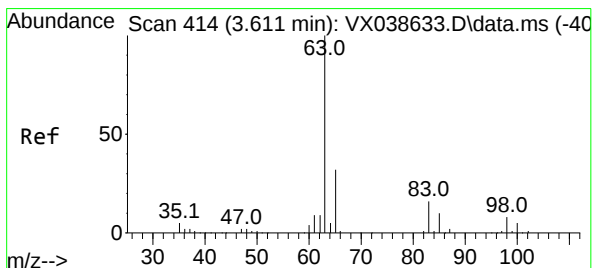
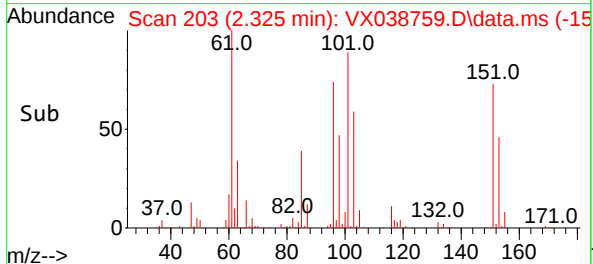
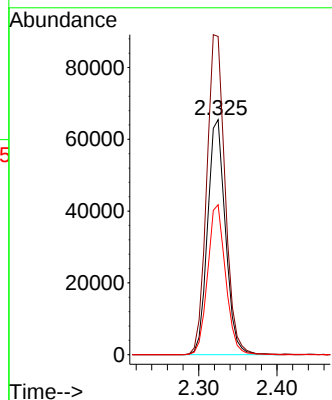
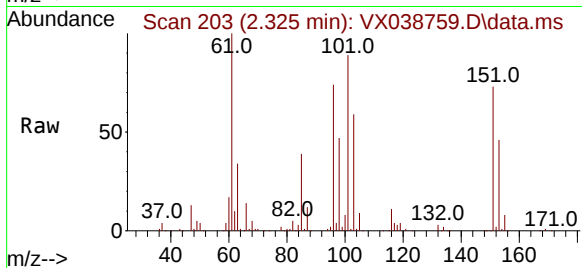
Tgt Ion: 96 Resp: 103292

Ion Ratio Lower Upper

96 100

61 135.4 144.6 216.8#

98 63.8 50.4 75.6



#24

1,1-Dichloroethane

Concen: 4.077 ug/l

RT: 3.617 min Scan# 415

Delta R.T. 0.006 min

Lab File: VX038759.D

Acq: 11 Nov 2023 05:09

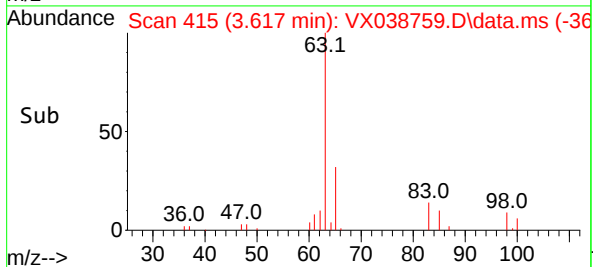
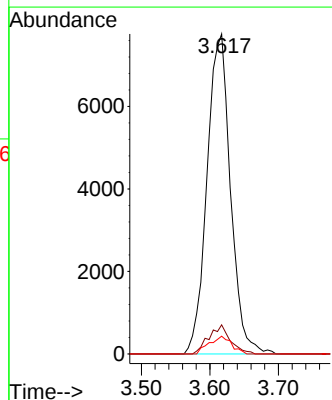
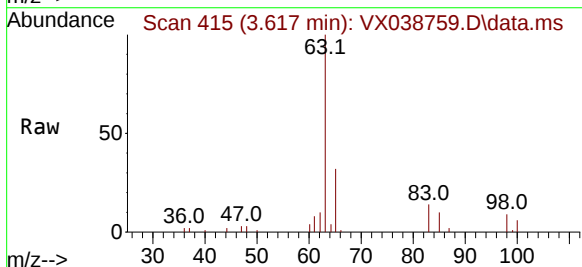
Tgt Ion: 63 Resp: 18500

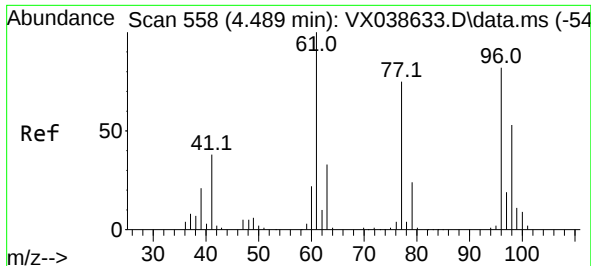
Ion Ratio Lower Upper

63 100

98 9.1 3.3 9.8

100 5.5 2.1 6.5

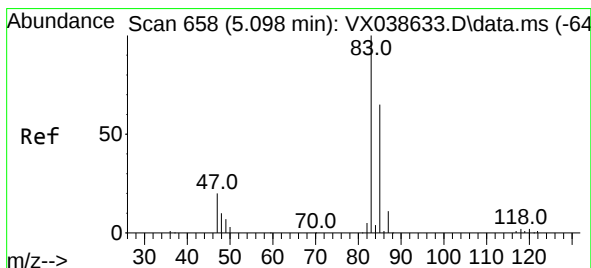
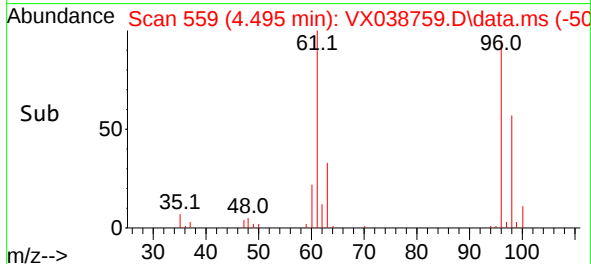
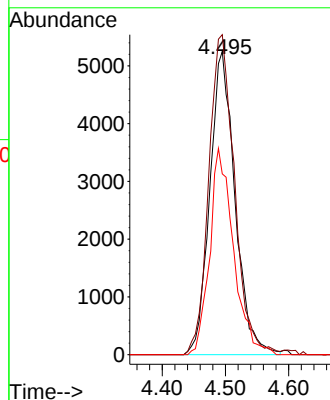
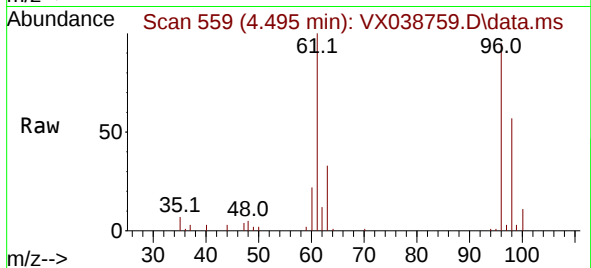




#27
 cis-1,2-Dichloroethene
 Concen: 4.549 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX038759.D
 Acq: 11 Nov 2023 05:09

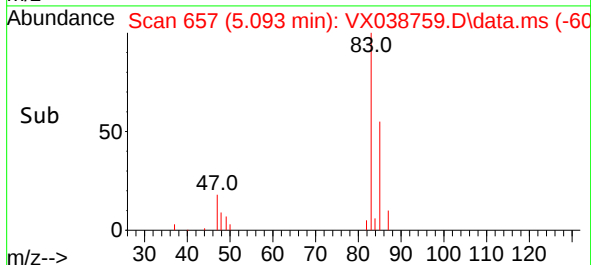
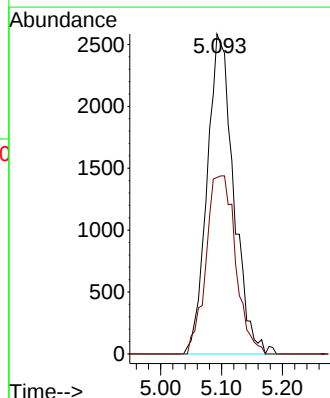
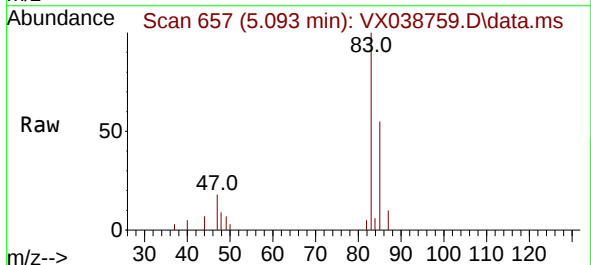
Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D2-20231107

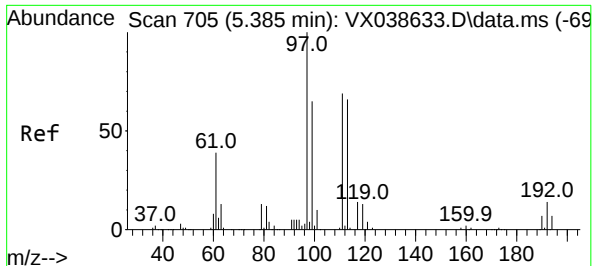
Tgt Ion: 96 Resp: 14530
 Ion Ratio Lower Upper
 96 100
 61 107.9 0.0 312.2
 98 64.4 0.0 129.0



#30
 Chloroform
 Concen: 1.467 ug/l
 RT: 5.093 min Scan# 657
 Delta R.T. -0.006 min
 Lab File: VX038759.D
 Acq: 11 Nov 2023 05:09

Tgt Ion: 83 Resp: 7813
 Ion Ratio Lower Upper
 83 100
 85 55.1 50.3 75.5





#32

1,1,1-Trichloroethane

Concen: 2.198 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX038759.D

Acq: 11 Nov 2023 05:09

Instrument :

MSVOA_X

ClientSampleId :

RE115D2-20231107

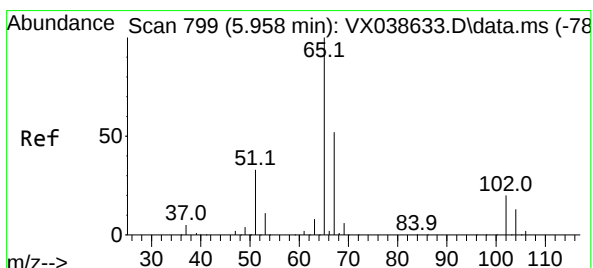
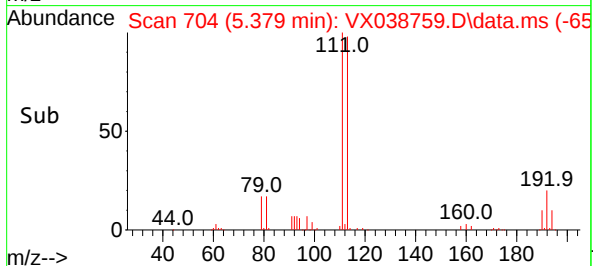
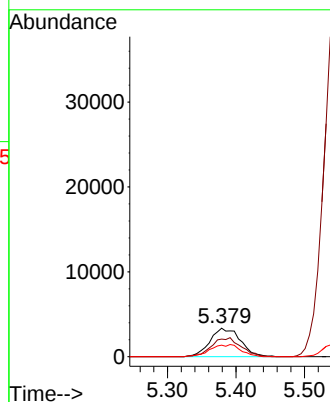
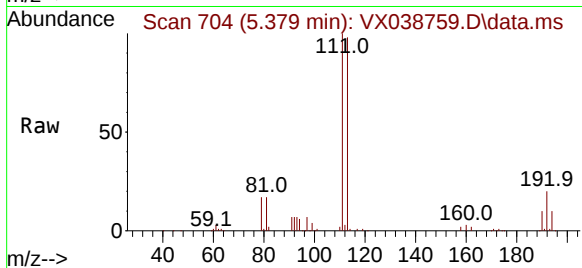
Tgt Ion: 97 Resp: 10300

Ion Ratio Lower Upper

97 100

99 64.7 51.1 76.7

61 42.6 36.4 54.6



#33

1,2-Dichloroethane-d4

Concen: 46.151 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038759.D

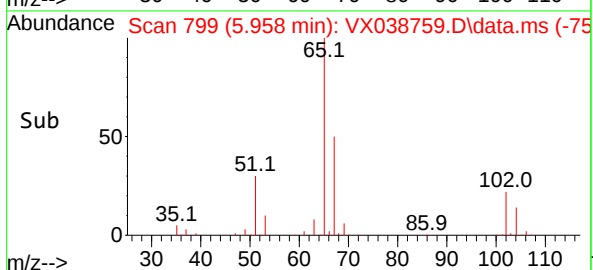
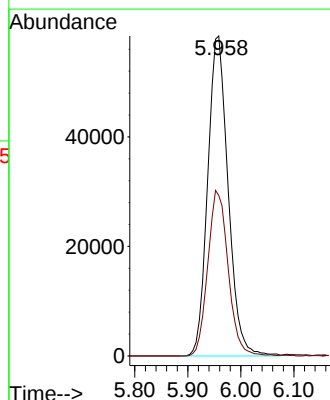
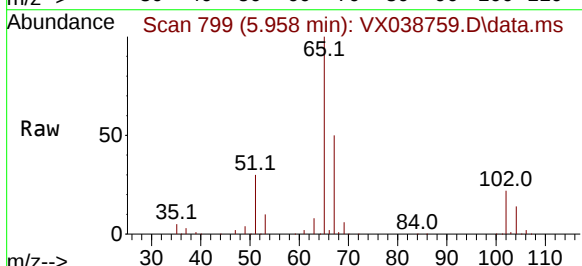
Acq: 11 Nov 2023 05:09

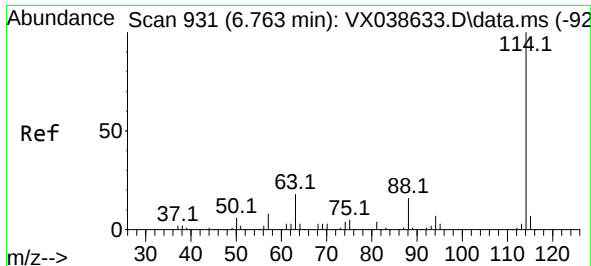
Tgt Ion: 65 Resp: 156427

Ion Ratio Lower Upper

65 100

67 51.7 0.0 100.2

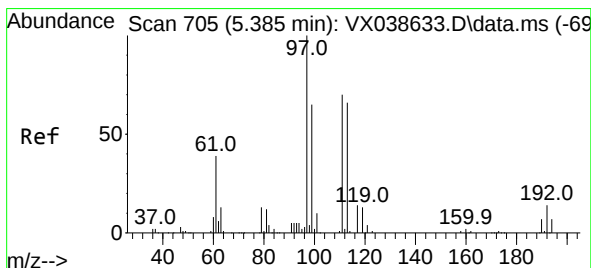
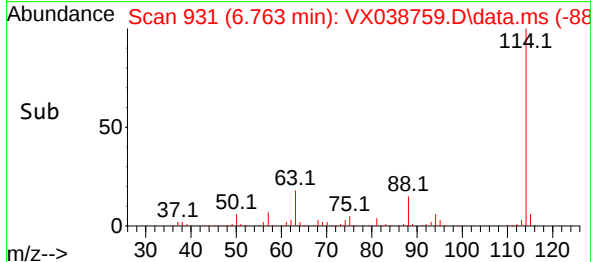
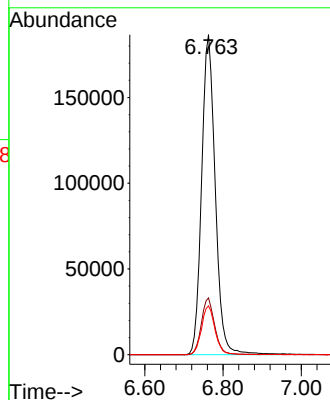
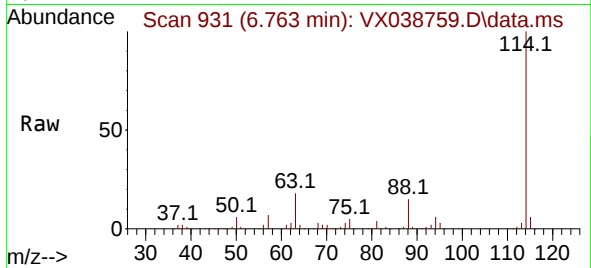




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038759.D
Acq: 11 Nov 2023 05:09

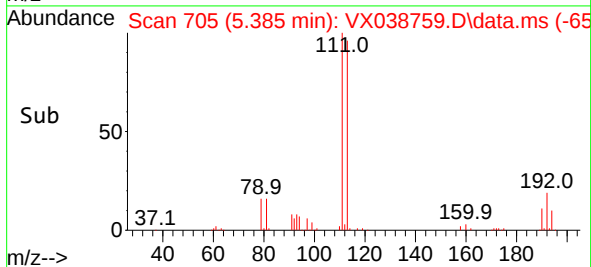
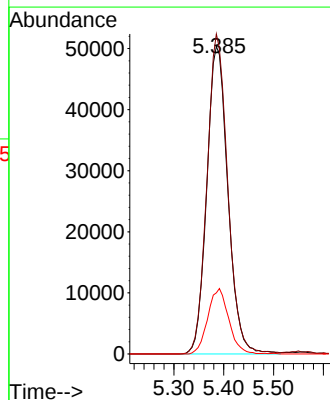
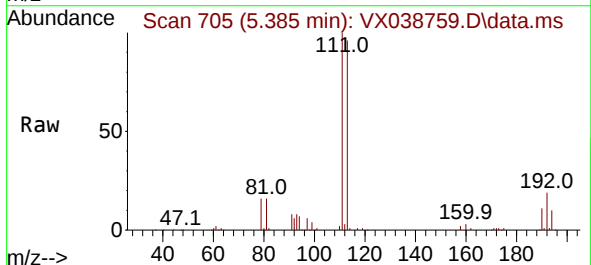
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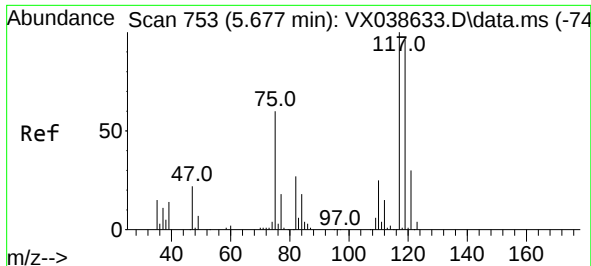
Tgt Ion:114 Resp: 451586
Ion Ratio Lower Upper
114 100
63 17.7 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.600 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038759.D
Acq: 11 Nov 2023 05:09

Tgt Ion:113 Resp: 148311
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 21.1 13.3 19.9#

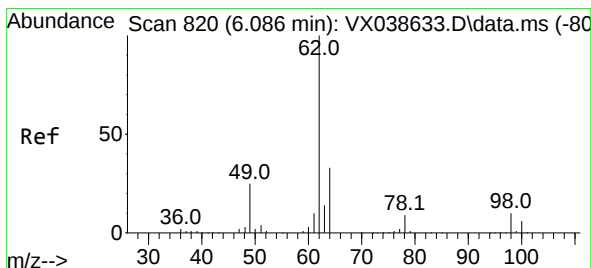
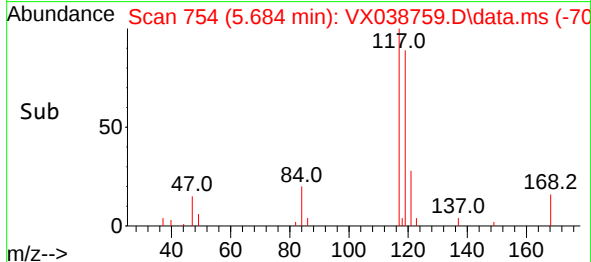
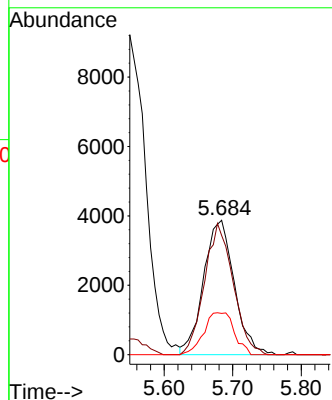
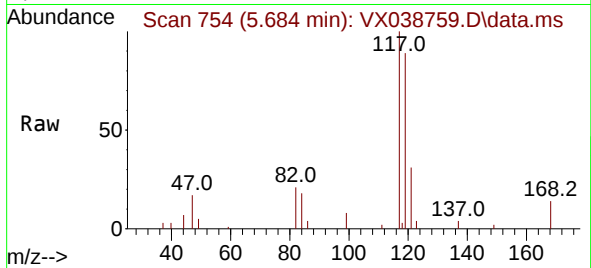




#38
Carbon Tetrachloride
Concen: 2.670 ug/l
RT: 5.684 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038759.D
Acq: 11 Nov 2023 05:09

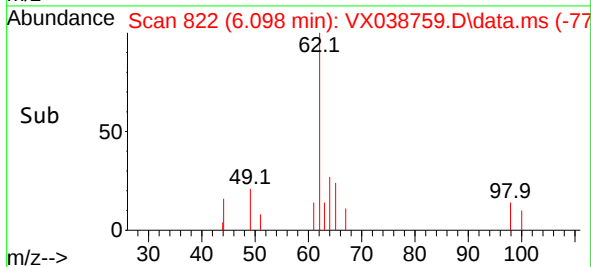
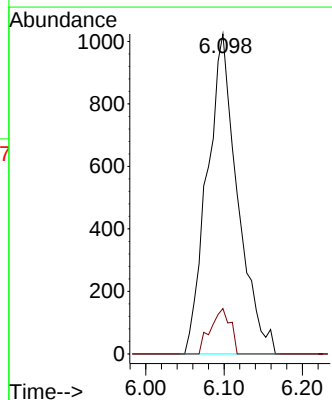
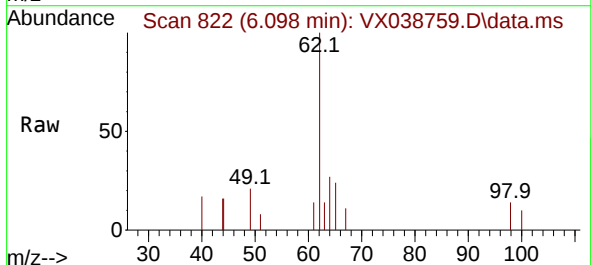
Instrument :
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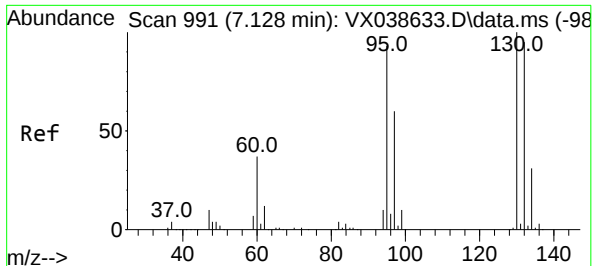
Tgt Ion:117 Resp: 12061
Ion Ratio Lower Upper
117 100
119 88.7 78.2 117.2
121 30.8 24.4 36.6



#42
1,2-Dichloroethane
Concen: 0.657 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.013 min
Lab File: VX038759.D
Acq: 11 Nov 2023 05:09

Tgt Ion: 62 Resp: 2757
Ion Ratio Lower Upper
62 100
98 9.2 0.0 16.0

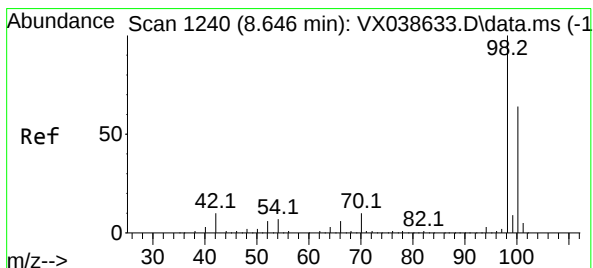
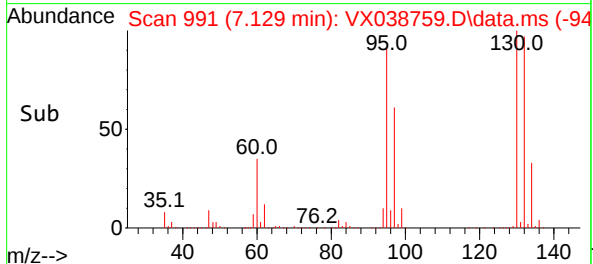
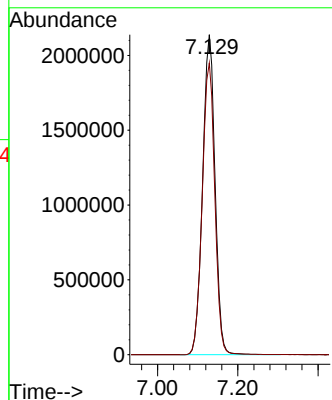
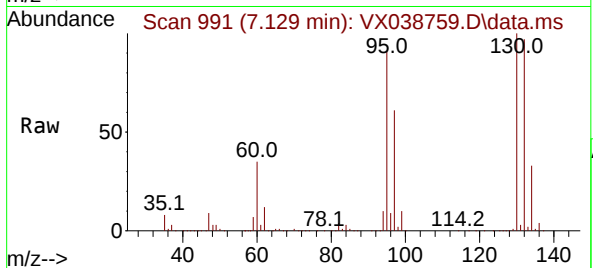




#44
Trichloroethene
Concen: 1267.045 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038759.D
Acq: 11 Nov 2023 05:09

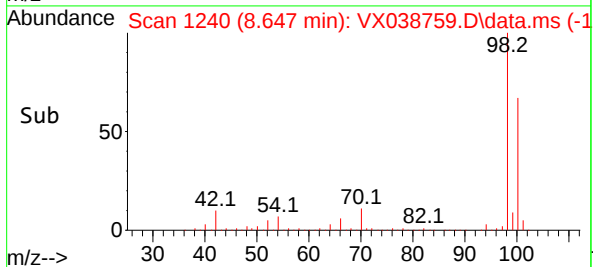
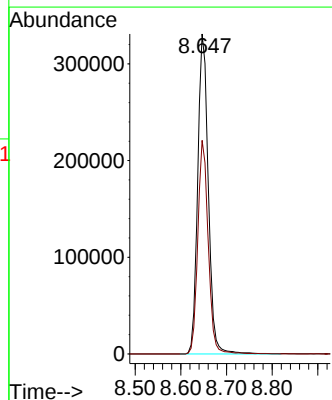
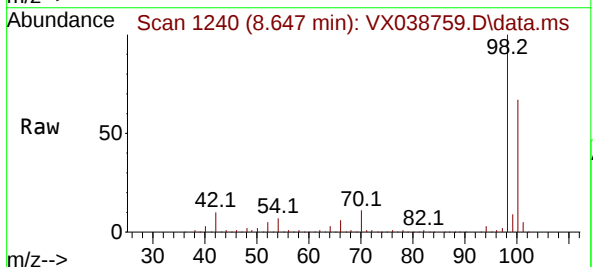
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20231107

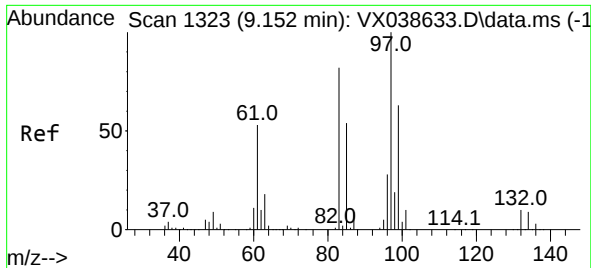
Tgt Ion:130 Resp: 4587592
Ion Ratio Lower Upper
130 100
95 91.2 0.0 204.4



#50
Toluene-d8
Concen: 45.806 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038759.D
Acq: 11 Nov 2023 05:09

Tgt Ion: 98 Resp: 533117
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7

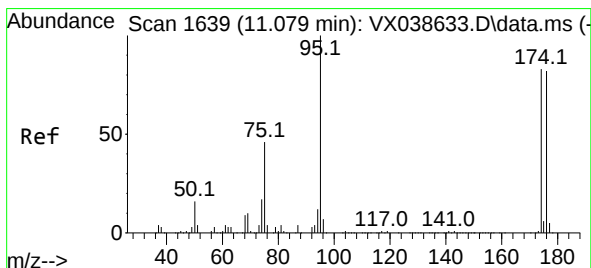
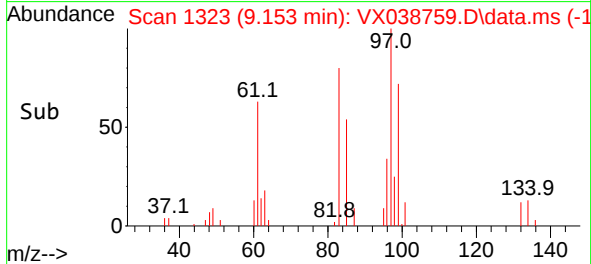
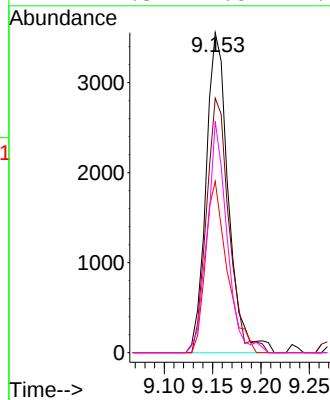
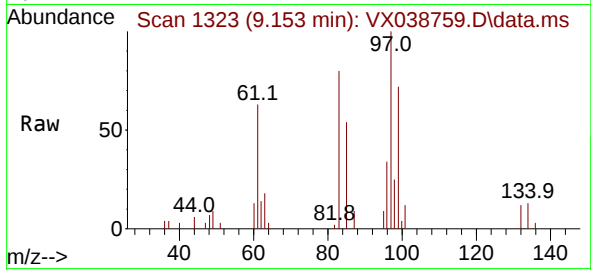




#55
1,1,2-Trichloroethane
Concen: 1.768 ug/l
RT: 9.153 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038759.D
Acq: 11 Nov 2023 05:09

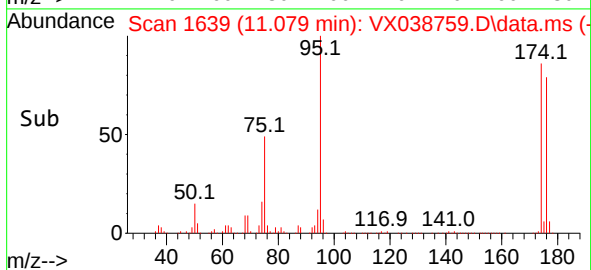
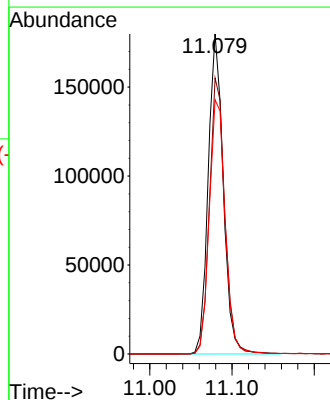
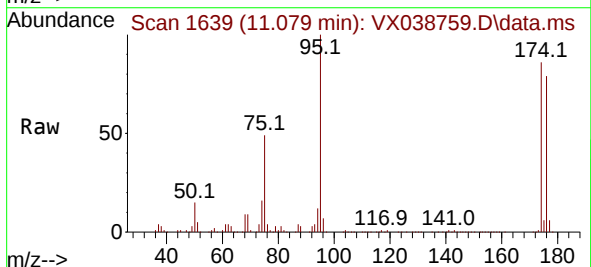
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20231107

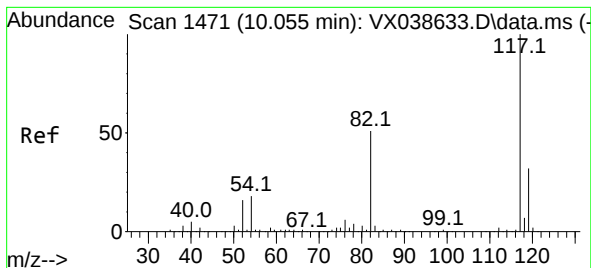
Tgt Ion:	97	Resp:	5718
Ion	Ratio	Lower	Upper
97	100		
83	79.5	65.8	98.8
85	53.6	41.6	62.4
99	72.3	47.8	71.8



#62
4-Bromofluorobenzene
Concen: 50.631 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038759.D
Acq: 11 Nov 2023 05:09

Tgt Ion:	95	Resp:	228470
Ion	Ratio	Lower	Upper
95	100		
174	88.5	0.0	135.6
176	84.2	0.0	131.0

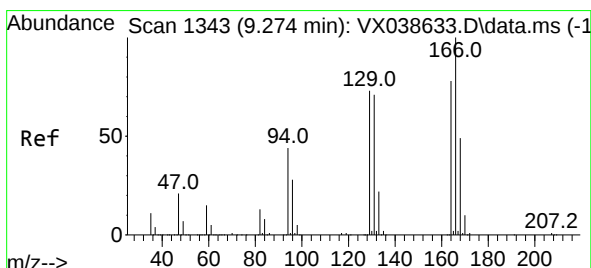
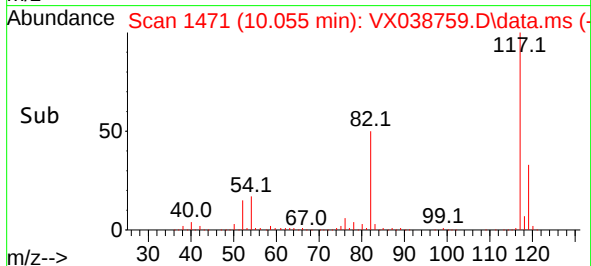
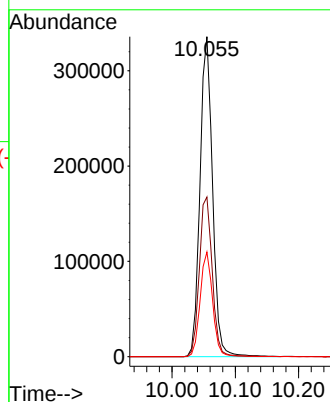
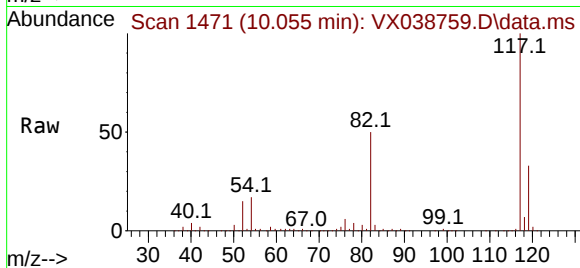




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038759.D
Acq: 11 Nov 2023 05:09

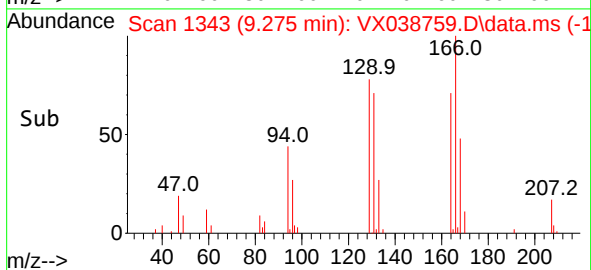
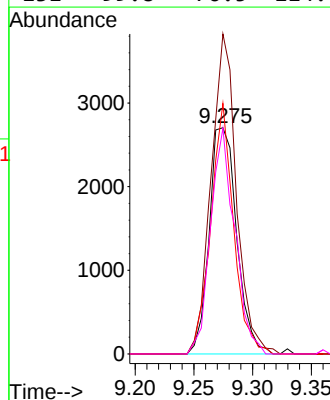
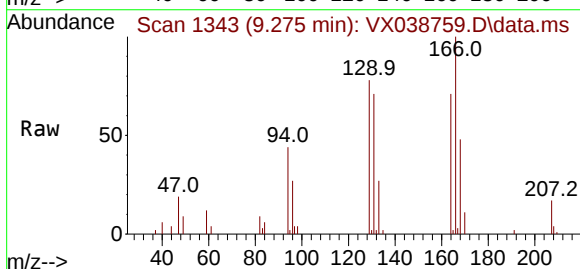
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20231107

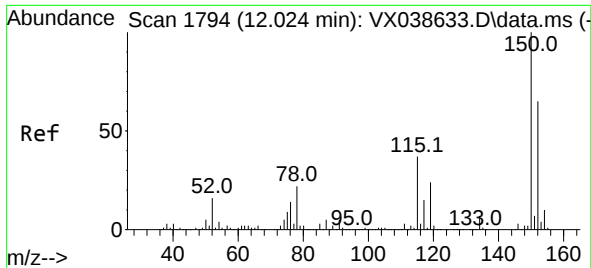
Tgt Ion:117 Resp: 464978
Ion Ratio Lower Upper
117 100
82 49.9 46.2 69.4
119 32.7 25.5 38.3



#64
Tetrachloroethene
Concen: 1.266 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038759.D
Acq: 11 Nov 2023 05:09

Tgt Ion:164 Resp: 4406
Ion Ratio Lower Upper
164 100
166 141.4 102.7 154.1
129 110.8 80.4 120.6
131 99.8 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: VX038759.D

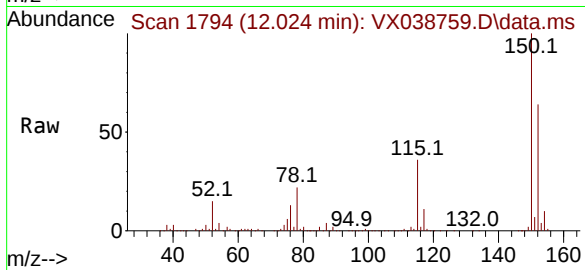
Acq: 11 Nov 2023 05:09

Instrument :

MSVOA_X

ClientSampleId :

RE115D2-20231107



Tgt Ion:152 Resp: 268771

Ion Ratio Lower Upper

152 100

115 57.9 43.3 129.9

150 156.2 0.0 345.0

