

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038736.D
 Acq On : 10 Nov 2023 18:06
 Operator : JC/MD
 Sample : 05358-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20231108

Quant Time: Nov 11 01:57:51 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)

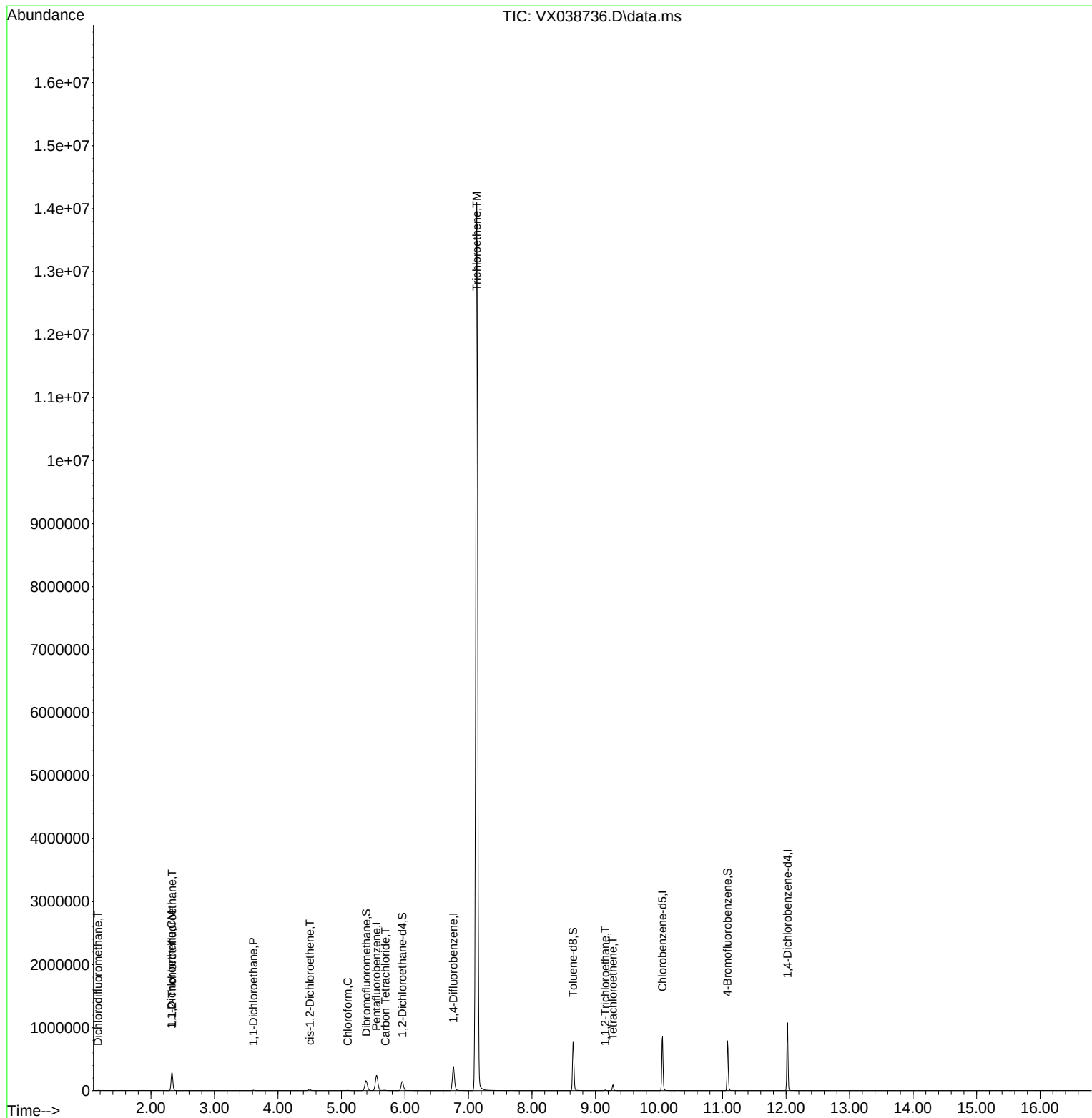
Internal Standards						
1) Pentafluorobenzene	5.550	168	253451	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	422219	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	433442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	248758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	147888	46.869	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.740%		
35) Dibromofluoromethane	5.391	113	139903	46.006	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.020%		
50) Toluene-d8	8.647	98	496864	45.660	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.320%#		
62) 4-Bromofluorobenzene	11.079	95	212271	50.313	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.620%		
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.166	85	1582	0.601	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	94190	38.152	ug/l	89
12) 1,1-Dichloroethene	2.325	96	27604	11.670	ug/l #	76
24) 1,1-Dichloroethane	3.611	63	7974	1.888	ug/l #	93
27) cis-1,2-Dichloroethene	4.501	96	14694	4.941	ug/l	74
30) Chloroform	5.099	83	6831	1.378	ug/l	86
38) Carbon Tetrachloride	5.690	117	6578	1.558	ug/l	87
44) Trichloroethene	7.129	130	5915483	1747.431	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	3570	1.180	ug/l	90
64) Tetrachloroethene	9.275	164	18964	5.845	ug/l	95

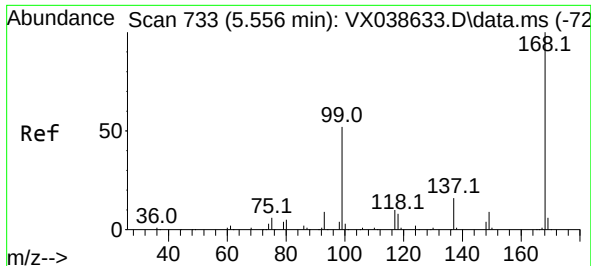
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
Data File : VX038736.D
Acq On : 10 Nov 2023 18:06
Operator : JC/MD
Sample : 05358-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20231108

Quant Time: Nov 11 01:57:51 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

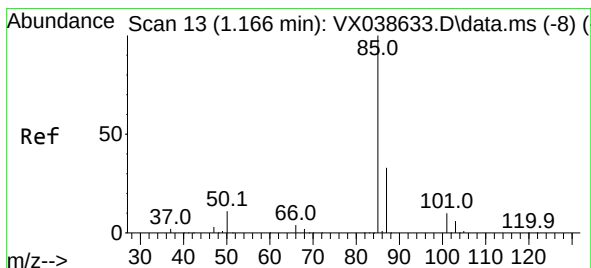
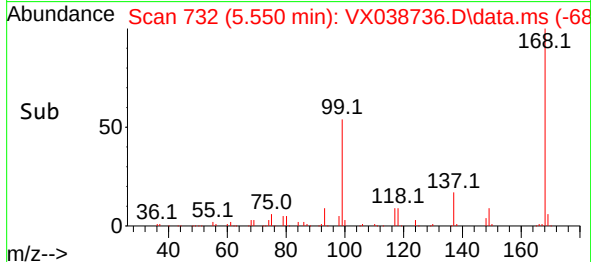
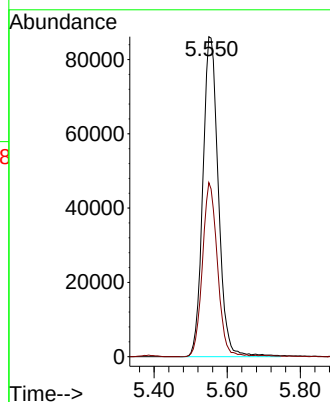
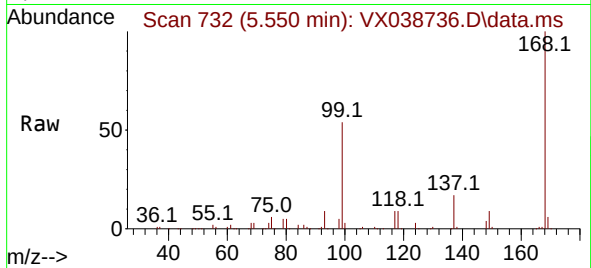




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038736.D
Acq: 10 Nov 2023 18:06

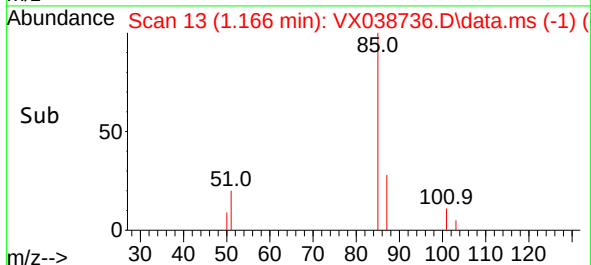
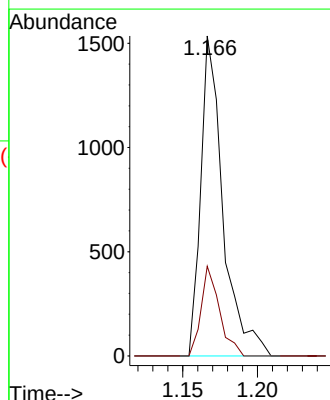
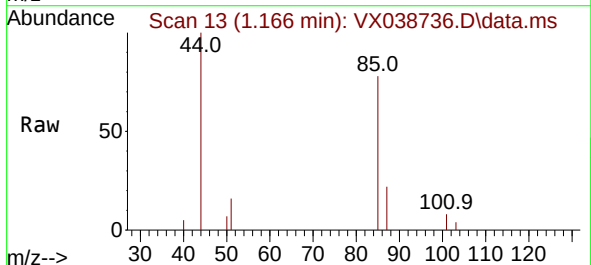
Instrument : MSVOA_X
ClientSampleId : RE132D6-20231108

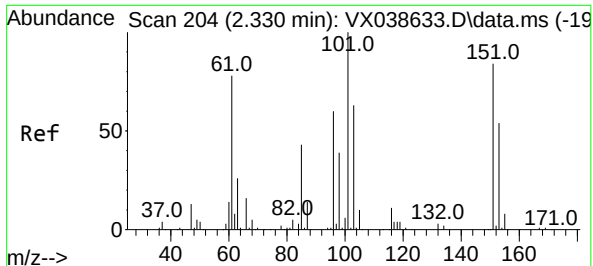
Tgt Ion:168 Resp: 253451
Ion Ratio Lower Upper
168 100
99 54.4 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 0.601 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038736.D
Acq: 10 Nov 2023 18:06

Tgt Ion: 85 Resp: 1582
Ion Ratio Lower Upper
85 100
87 28.1 16.7 50.1

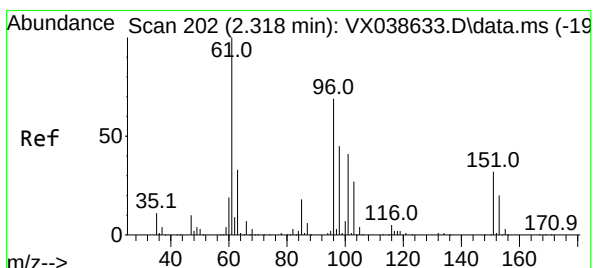
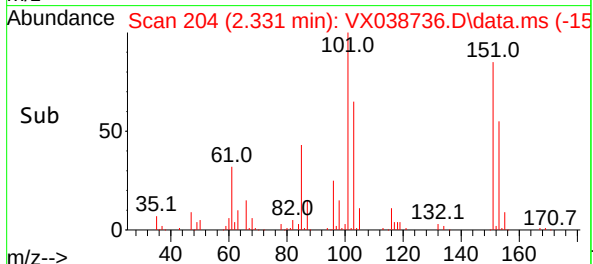
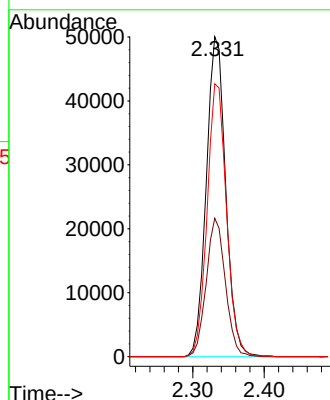
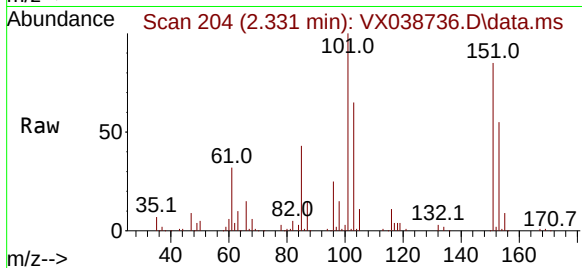




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 38.152 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX038736.D
 Acq: 10 Nov 2023 18:06

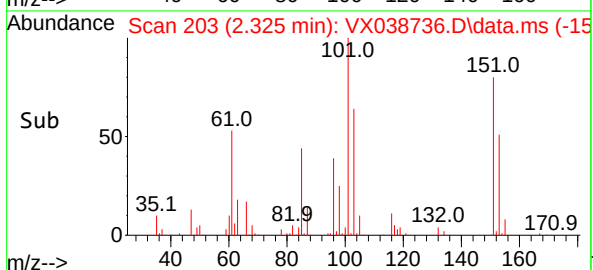
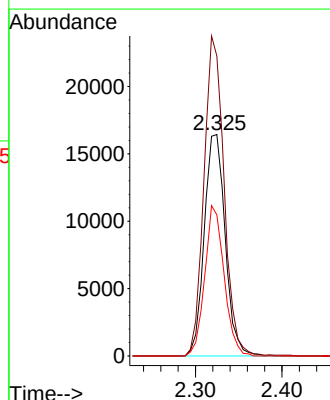
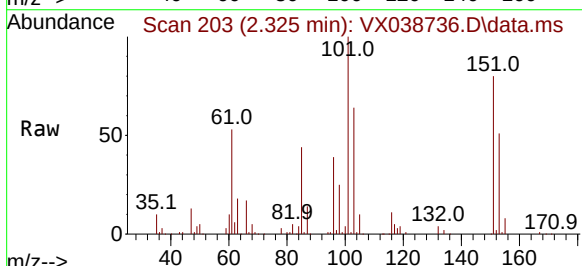
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20231108

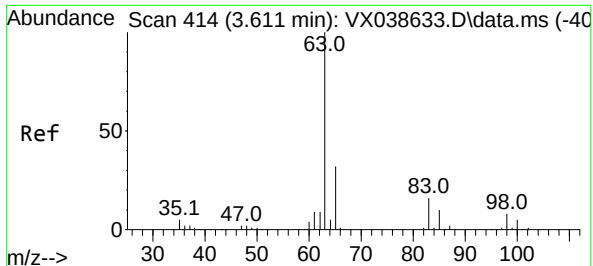
Tgt Ion:101 Resp: 94190
 Ion Ratio Lower Upper
 101 100
 85 42.7 37.0 55.6
 151 85.4 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 11.670 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. 0.006 min
 Lab File: VX038736.D
 Acq: 10 Nov 2023 18:06

Tgt Ion: 96 Resp: 27604
 Ion Ratio Lower Upper
 96 100
 61 135.5 144.6 216.8#
 98 63.7 50.4 75.6

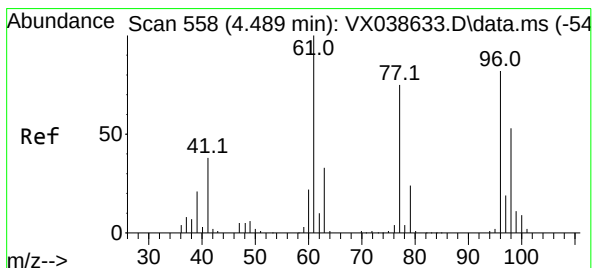
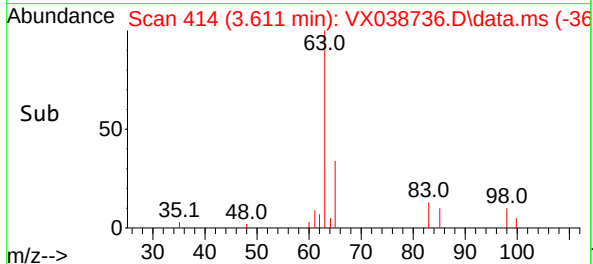
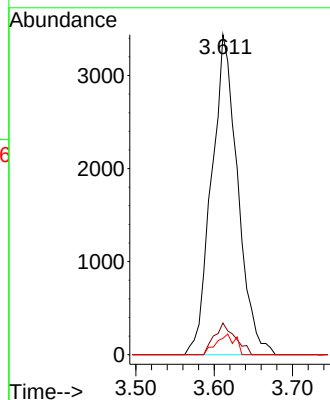
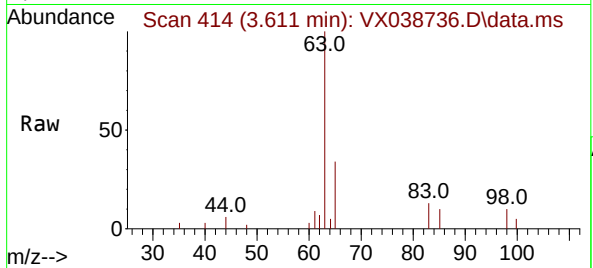




#24
 1,1-Dichloroethane
 Concen: 1.888 ug/l
 RT: 3.611 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX038736.D
 Acq: 10 Nov 2023 18:06

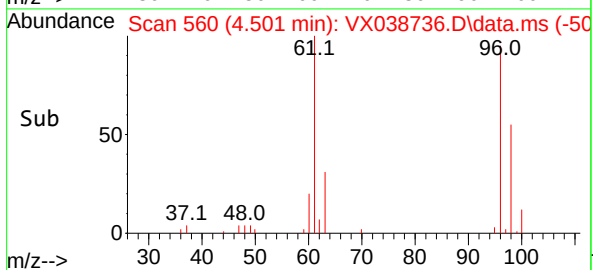
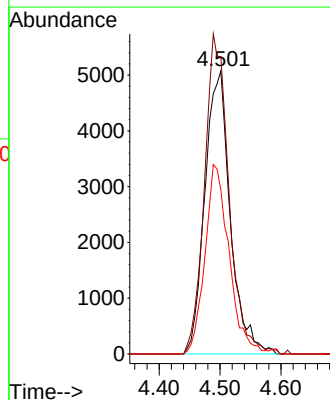
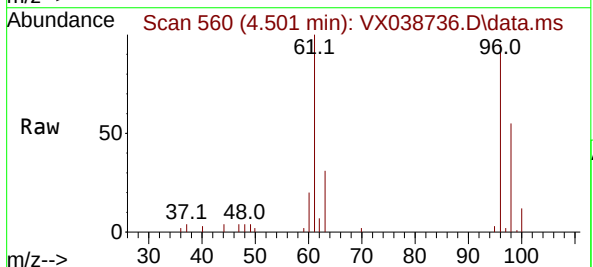
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20231108

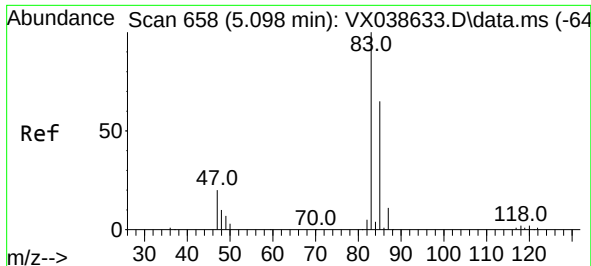
Tgt Ion: 63 Resp: 7974
 Ion Ratio Lower Upper
 63 100
 98 9.9 3.3 9.8#
 100 5.1 2.1 6.5



#27
 cis-1,2-Dichloroethene
 Concen: 4.941 ug/l
 RT: 4.501 min Scan# 560
 Delta R.T. 0.013 min
 Lab File: VX038736.D
 Acq: 10 Nov 2023 18:06

Tgt Ion: 96 Resp: 14694
 Ion Ratio Lower Upper
 96 100
 61 108.8 0.0 312.2
 98 63.6 0.0 129.0

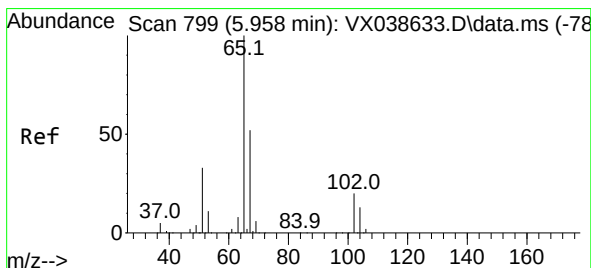
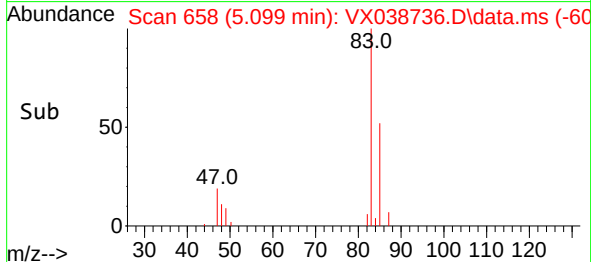
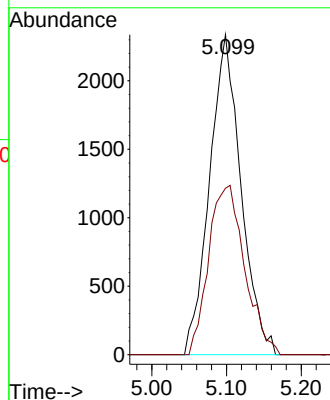
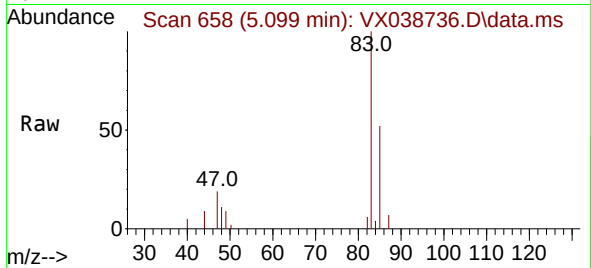




#30
Chloroform
Concen: 1.378 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038736.D
Acq: 10 Nov 2023 18:06

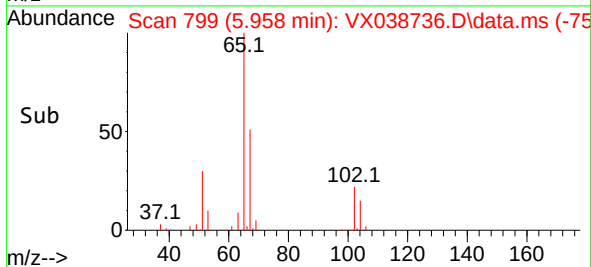
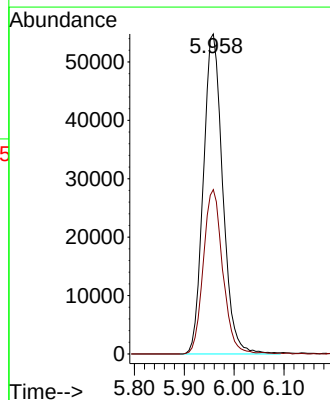
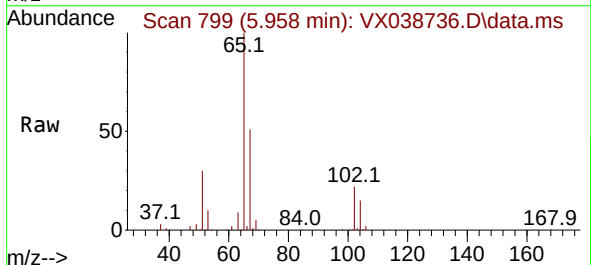
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20231108

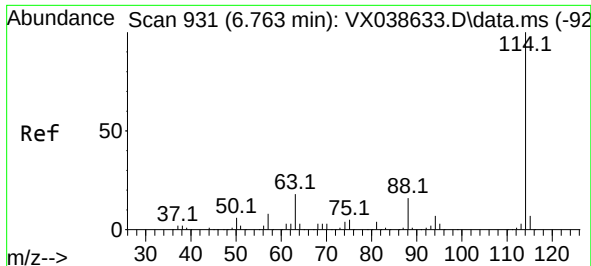
Tgt Ion: 83 Resp: 6831
Ion Ratio Lower Upper
83 100
85 52.0 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 46.869 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038736.D
Acq: 10 Nov 2023 18:06

Tgt Ion: 65 Resp: 147888
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.2

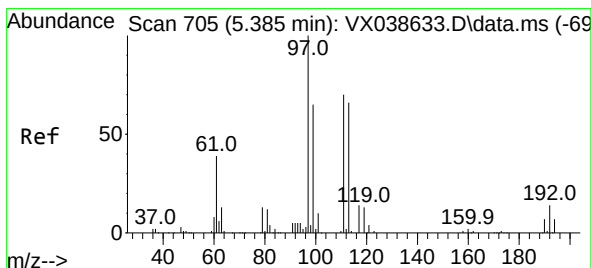
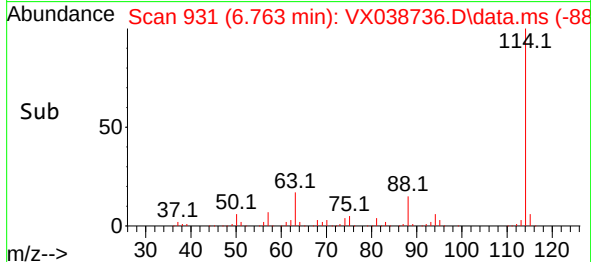
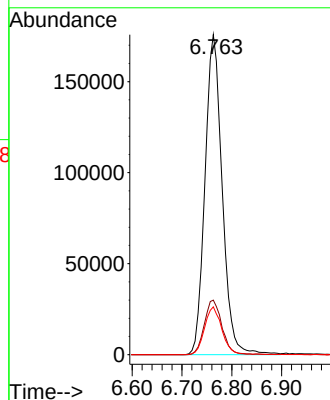
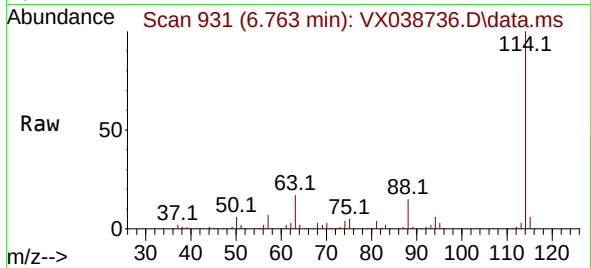




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038736.D
Acq: 10 Nov 2023 18:06

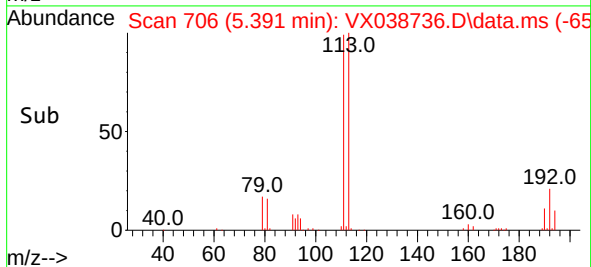
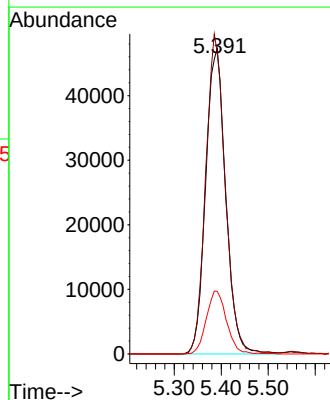
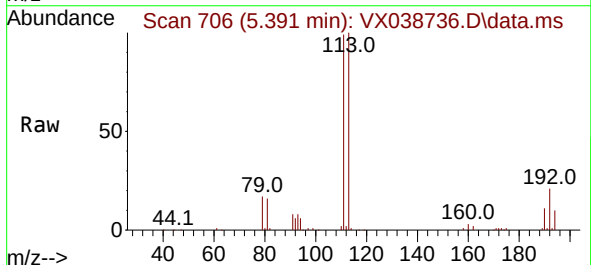
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20231108

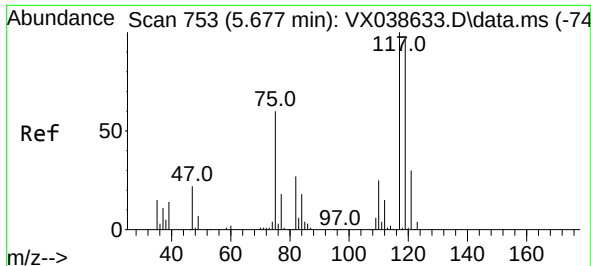
Tgt Ion:114 Resp: 422219
Ion Ratio Lower Upper
114 100
63 17.0 0.0 45.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.006 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038736.D
Acq: 10 Nov 2023 18:06

Tgt Ion:113 Resp: 139903
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 20.7 13.3 19.9#

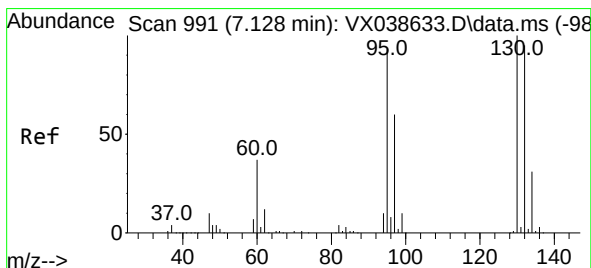
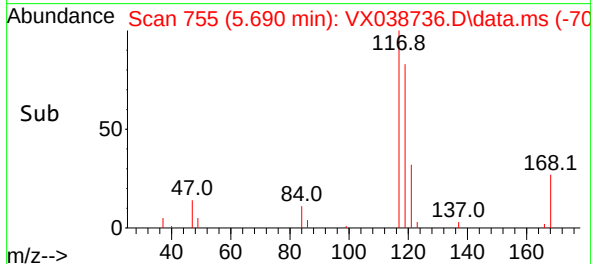
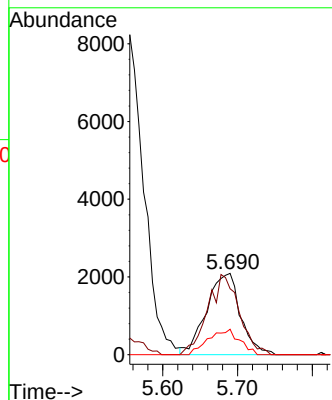
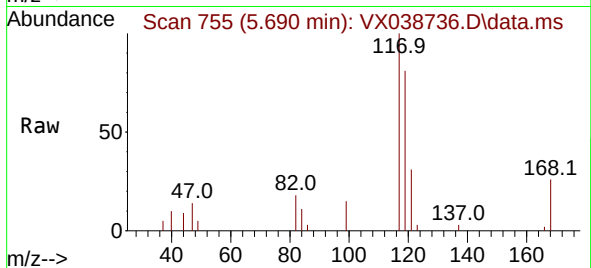




#38
Carbon Tetrachloride
Concen: 1.558 ug/l
RT: 5.690 min Scan# 711
Delta R.T. 0.013 min
Lab File: VX038736.D
Acq: 10 Nov 2023 18:06

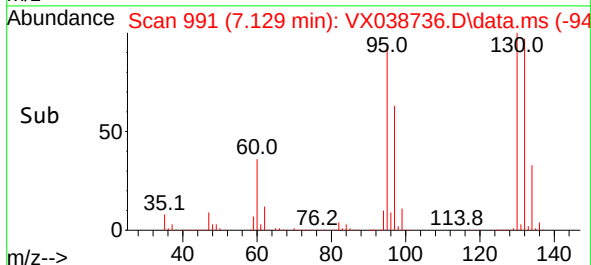
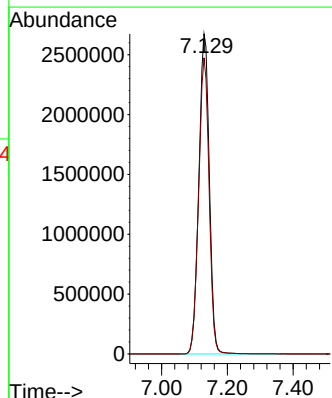
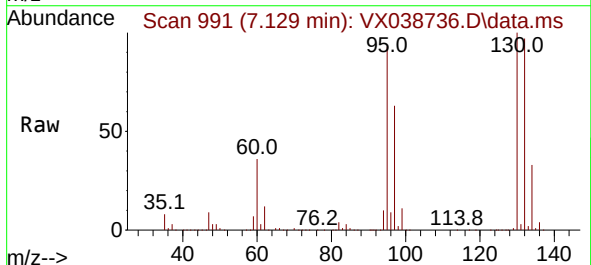
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20231108

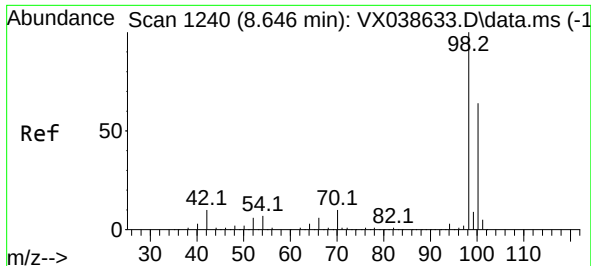
Tgt Ion:117 Resp: 6578
Ion Ratio Lower Upper
117 100
119 81.2 78.2 117.2
121 31.3 24.4 36.6



#44
Trichloroethene
Concen: 1747.431 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038736.D
Acq: 10 Nov 2023 18:06

Tgt Ion:130 Resp: 5915483
Ion Ratio Lower Upper
130 100
95 92.5 0.0 204.4

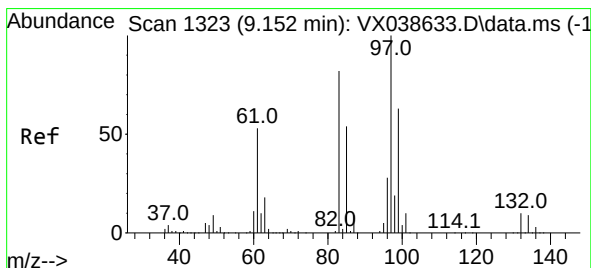
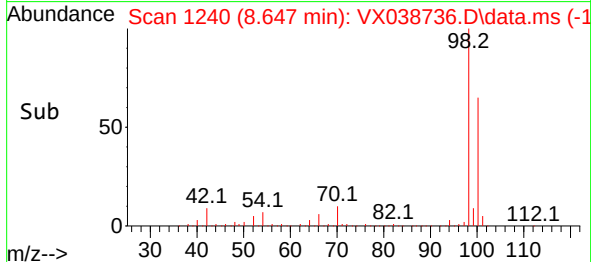
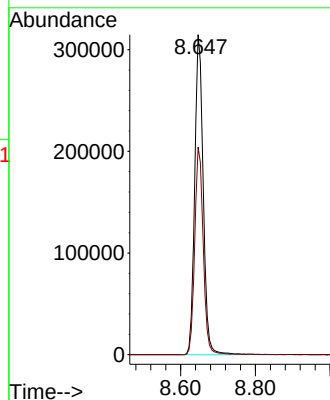
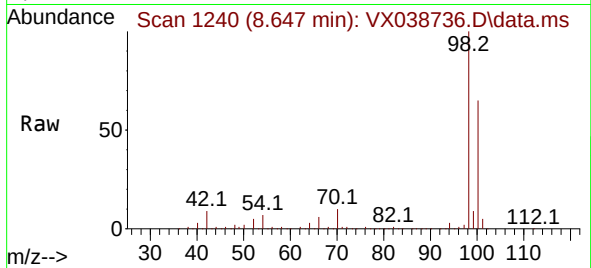




#50
Toluene-d8
Concen: 45.660 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038736.D
Acq: 10 Nov 2023 18:06

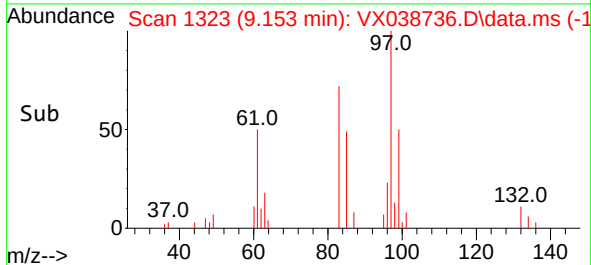
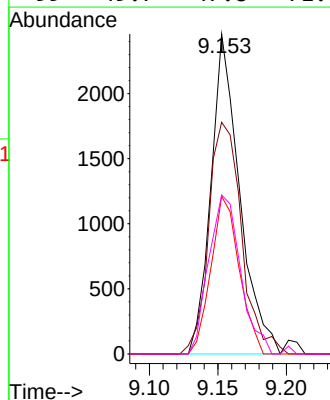
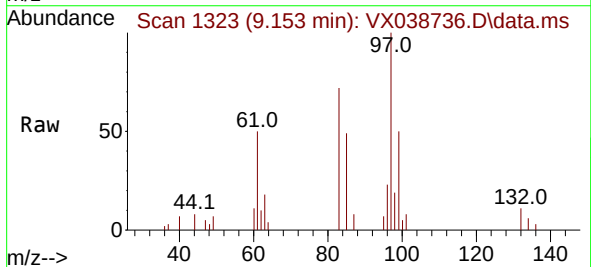
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20231108

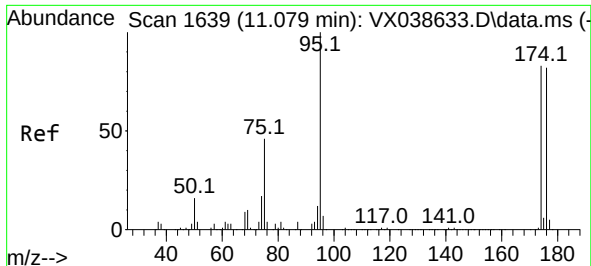
Tgt Ion: 98 Resp: 496864
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7



#55
1,1,2-Trichloroethane
Concen: 1.180 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX038736.D
Acq: 10 Nov 2023 18:06

Tgt Ion: 97 Resp: 3570
Ion Ratio Lower Upper
97 100
83 72.4 65.8 98.8
85 49.3 41.6 62.4
99 49.7 47.8 71.8





#62

4-Bromofluorobenzene

Concen: 50.313 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038736.D

Acq: 10 Nov 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

RE132D6-20231108

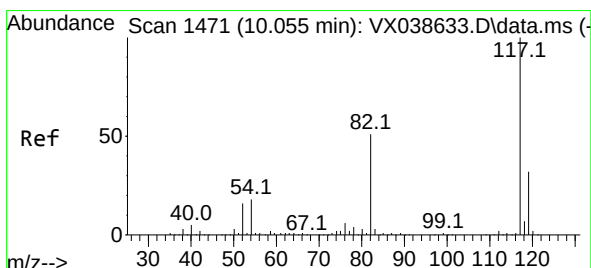
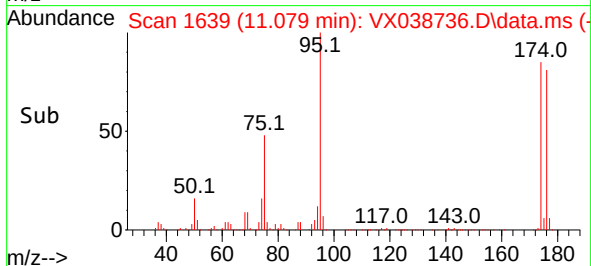
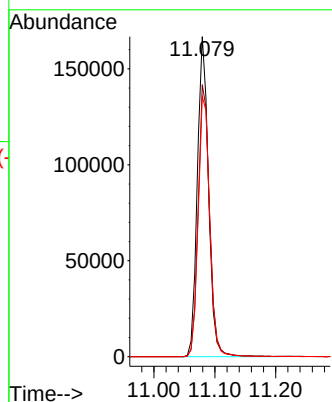
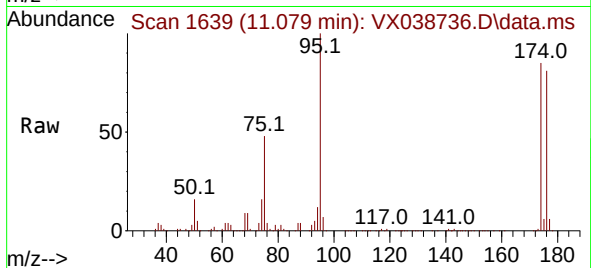
Tgt Ion: 95 Resp: 212271

Ion Ratio Lower Upper

95 100

174 87.3 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: VX038736.D

Acq: 10 Nov 2023 18:06

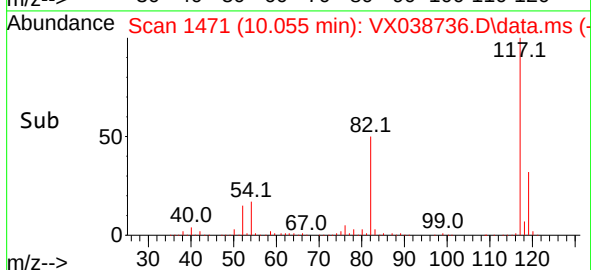
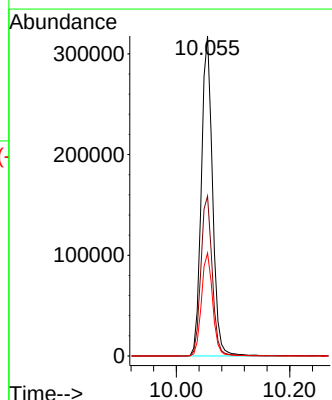
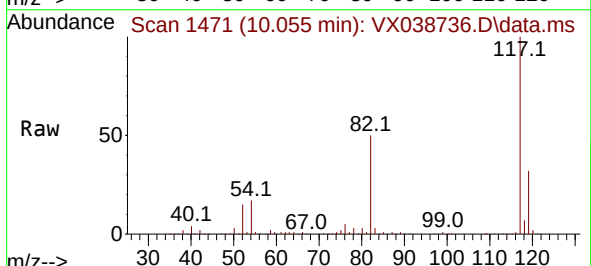
Tgt Ion: 117 Resp: 433442

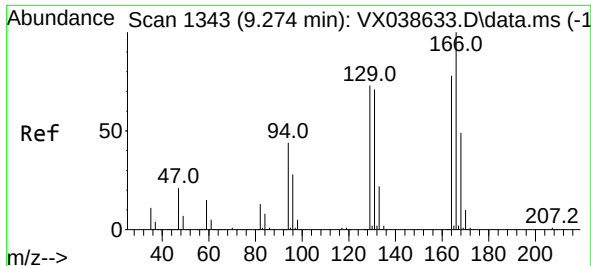
Ion Ratio Lower Upper

117 100

82 49.9 46.2 69.4

119 32.1 25.5 38.3

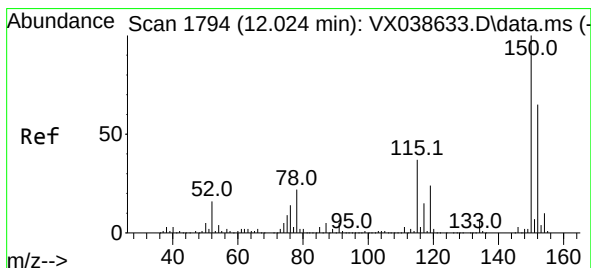
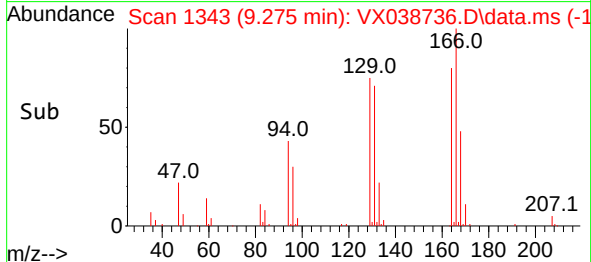
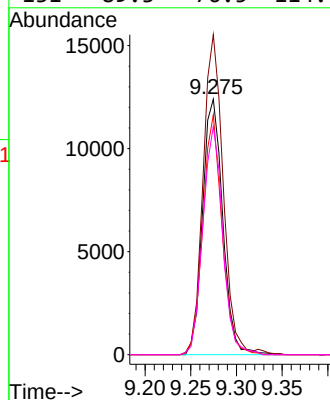
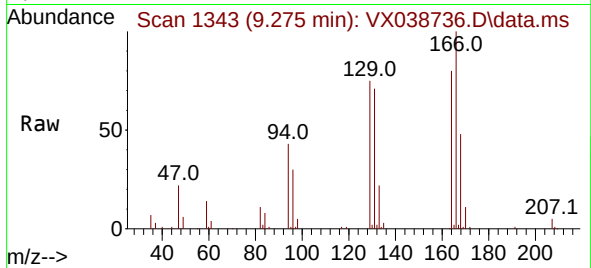




#64
Tetrachloroethene
Concen: 5.845 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038736.D
Acq: 10 Nov 2023 18:06

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20231108

Tgt Ion:164	Resp:	18964
Ion	Ratio	Lower Upper
164	100	
166	125.2	102.7 154.1
129	93.8	80.4 120.6
131	89.3	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: VX038736.D
Acq: 10 Nov 2023 18:06

Tgt Ion:152	Resp:	248758
Ion	Ratio	Lower Upper
152	100	
115	57.8	43.3 129.9
150	157.0	0.0 345.0

