

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038763.D
 Acq On : 11 Nov 2023 06:41
 Operator : JC/MD
 Sample : 05357-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D1-20231108

Quant Time: Nov 13 01:07:03 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)

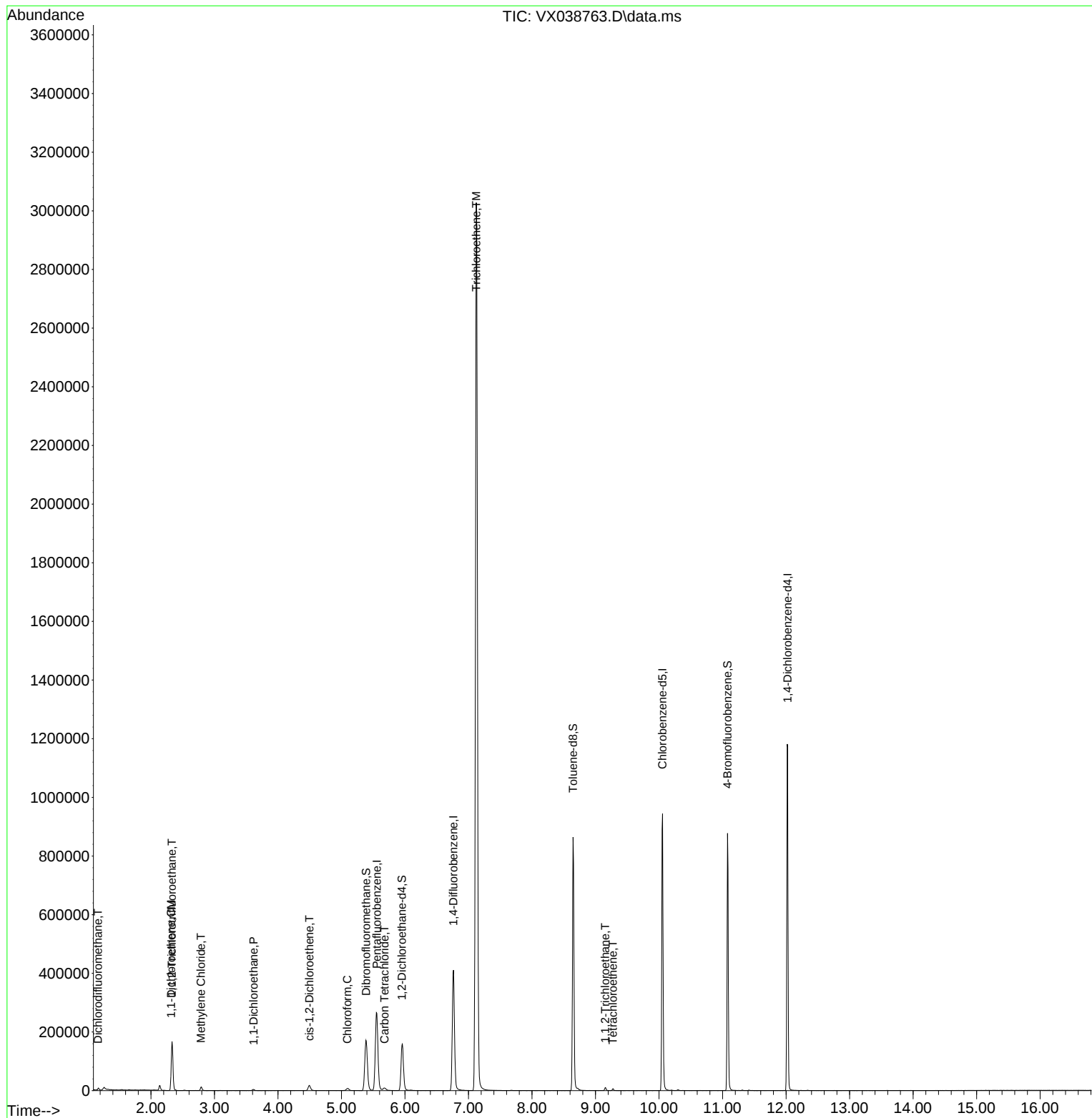
Internal Standards						
1) Pentafluorobenzene	5.556	168	280929	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	462318	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	485129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	279318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	161648	46.219	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.440%		
35) Dibromofluoromethane	5.385	113	151816	45.594	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.180%		
50) Toluene-d8	8.647	98	554229	46.515	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.020%		
62) 4-Bromofluorobenzene	11.079	95	236378	51.168	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.340%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	3217	1.103	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	59416	21.713	ug/l	89
12) 1,1-Dichloroethene	2.319	96	8823	3.365	ug/l #	81
20) Methylene Chloride	2.788	84	6321	2.129	ug/l #	73
24) 1,1-Dichloroethane	3.617	63	4609	0.984	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	12331	3.741	ug/l	76
30) Chloroform	5.093	83	9423	1.715	ug/l	95
38) Carbon Tetrachloride	5.678	117	7446	1.610	ug/l	94
44) Trichloroethene	7.123	130	1265389	341.374	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	3352	1.012	ug/l	94
64) Tetrachloroethene	9.275	164	1284	0.354	ug/l	91

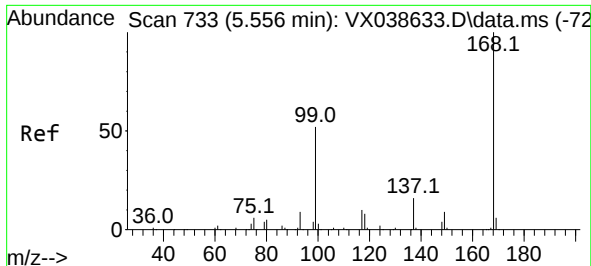
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
Data File : VX038763.D
Acq On : 11 Nov 2023 06:41
Operator : JC/MD
Sample : 05357-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20231108

Quant Time: Nov 13 01:07:03 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

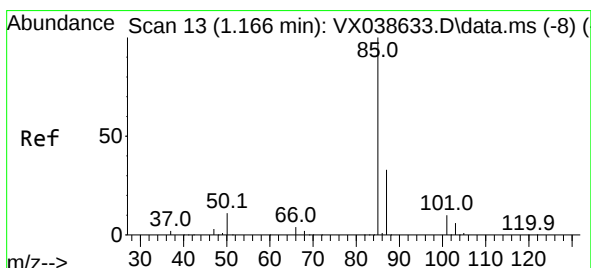
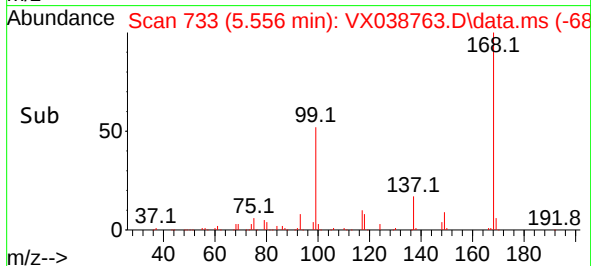
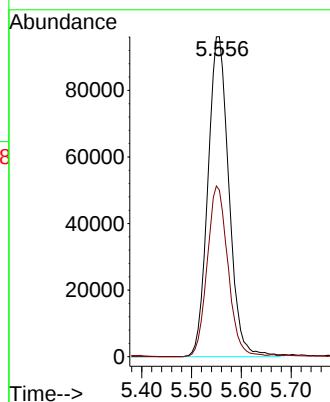
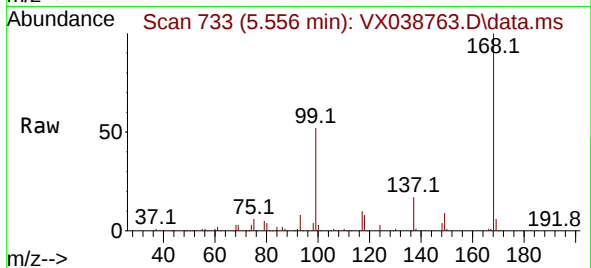




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038763.D
Acq: 11 Nov 2023 06:41

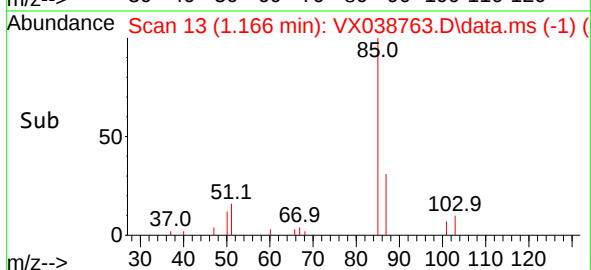
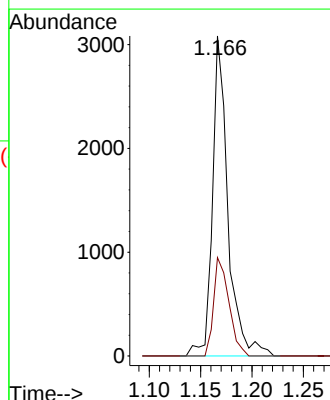
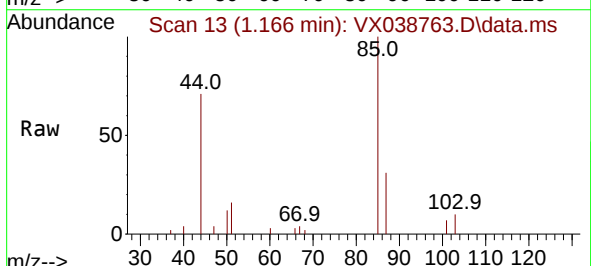
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20231108

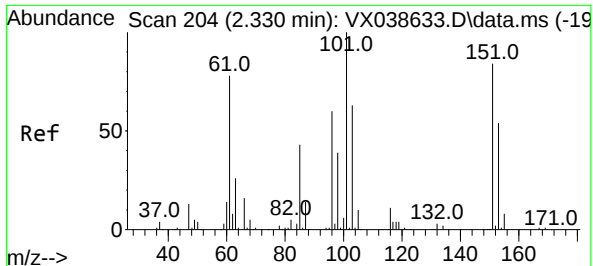
Tgt Ion:168 Resp: 280929
Ion Ratio Lower Upper
168 100
99 52.1 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 1.103 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038763.D
Acq: 11 Nov 2023 06:41

Tgt Ion: 85 Resp: 3217
Ion Ratio Lower Upper
85 100
87 30.8 16.7 50.1

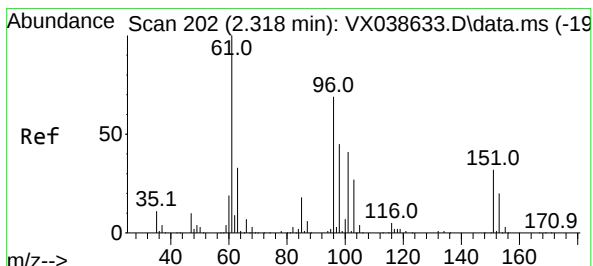
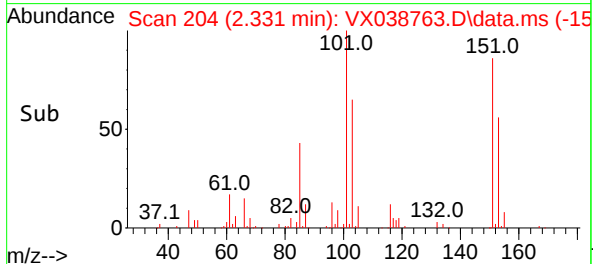
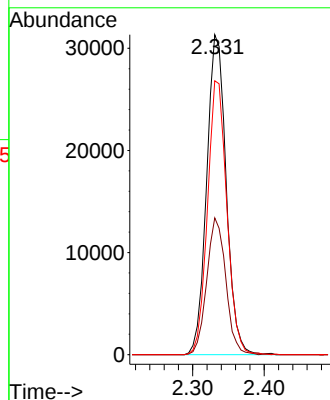
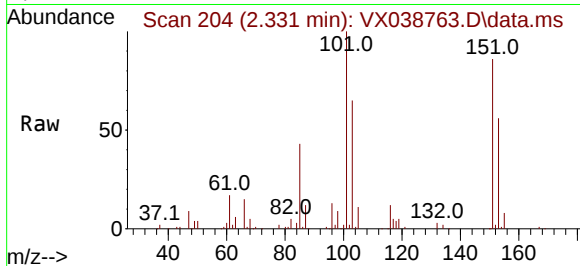




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.713 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX038763.D
 Acq: 11 Nov 2023 06:41

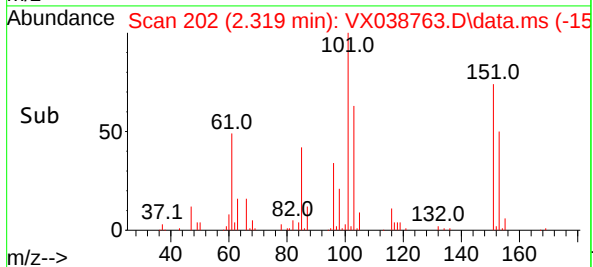
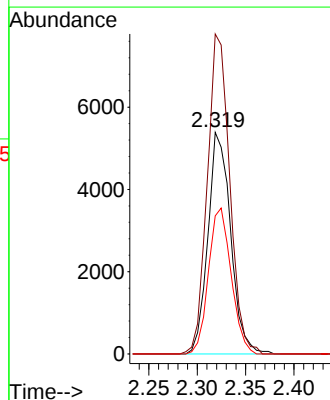
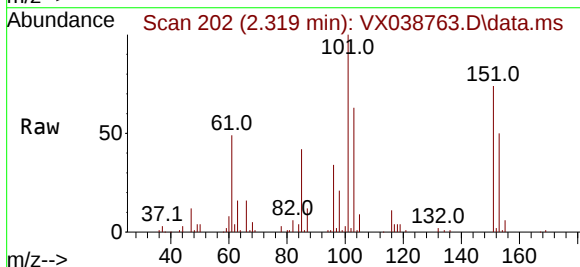
Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D1-20231108

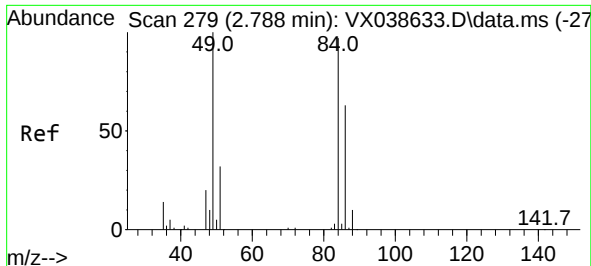
Tgt Ion:101 Resp: 59416
 Ion Ratio Lower Upper
 101 100
 85 41.7 37.0 55.6
 151 84.9 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 3.365 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX038763.D
 Acq: 11 Nov 2023 06:41

Tgt Ion: 96 Resp: 8823
 Ion Ratio Lower Upper
 96 100
 61 144.4 144.6 216.8#
 98 62.3 50.4 75.6

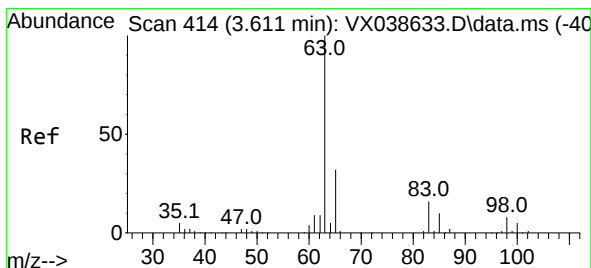
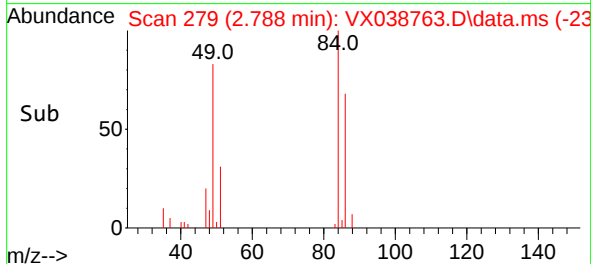
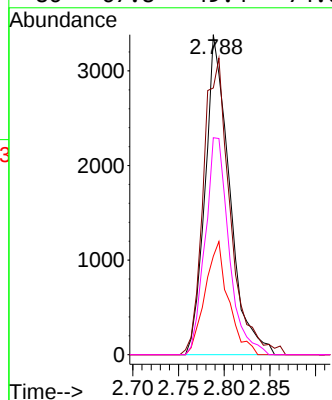
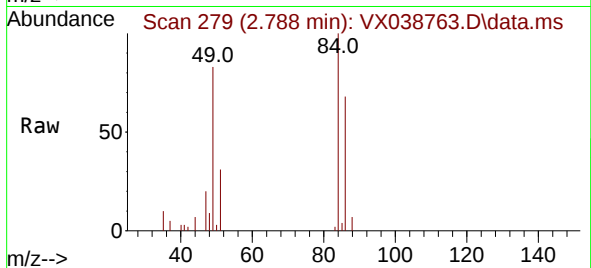




#20
Methylene Chloride
Concen: 2.129 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038763.D
Acq: 11 Nov 2023 06:41

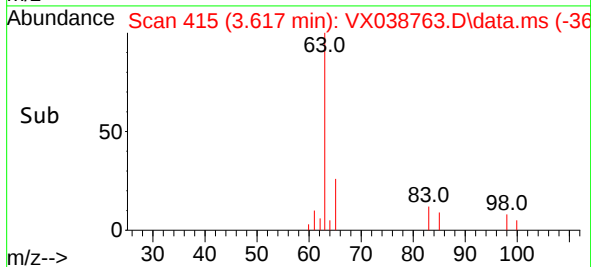
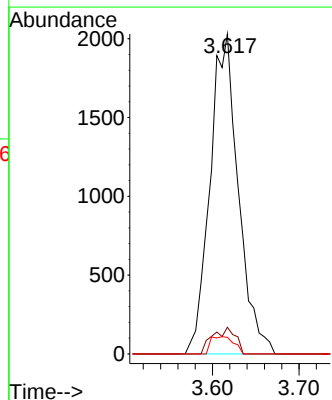
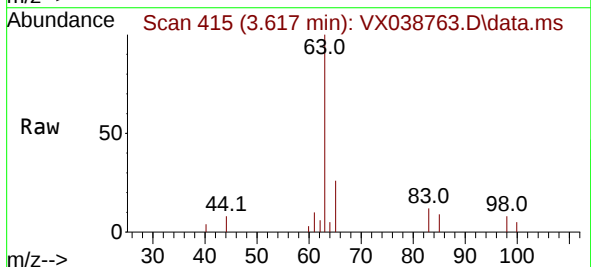
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20231108

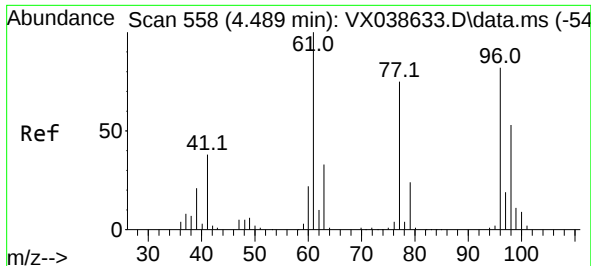
Tgt Ion:	84	Resp:	6321
Ion	Ratio	Lower	Upper
84	100		
49	83.4	103.6	155.4#
51	30.8	33.8	50.6#
86	67.8	49.4	74.0



#24
1,1-Dichloroethane
Concen: 0.984 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX038763.D
Acq: 11 Nov 2023 06:41

Tgt Ion:	63	Resp:	4609
Ion	Ratio	Lower	Upper
63	100		
98	8.3	3.3	9.8
100	5.2	2.1	6.5

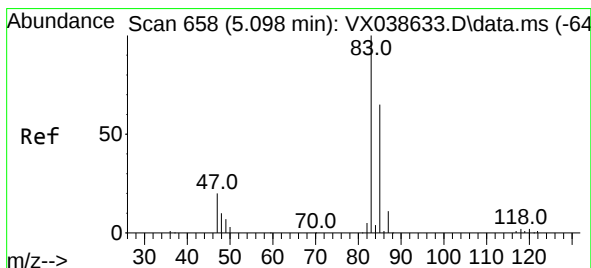
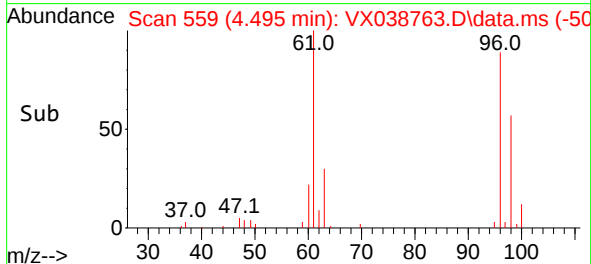
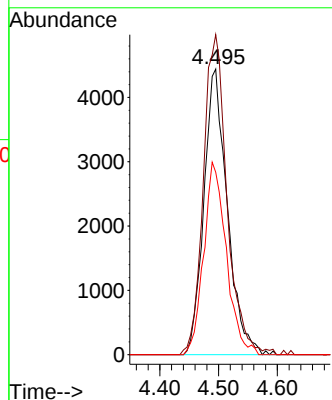
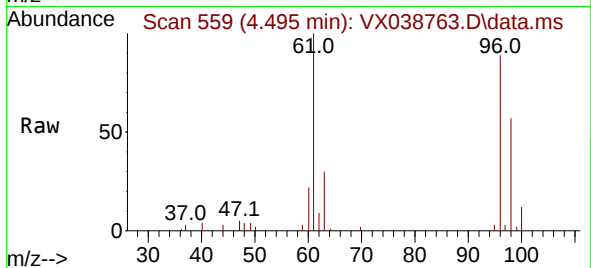




#27
 cis-1,2-Dichloroethene
 Concen: 3.741 ug/l
 RT: 4.495 min Scan# 511
 Delta R.T. 0.006 min
 Lab File: VX038763.D
 Acq: 11 Nov 2023 06:41

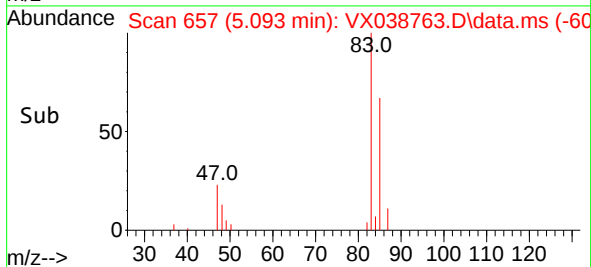
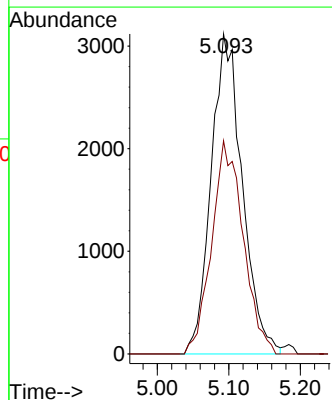
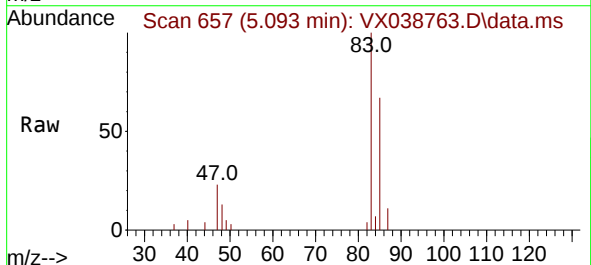
Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D1-20231108

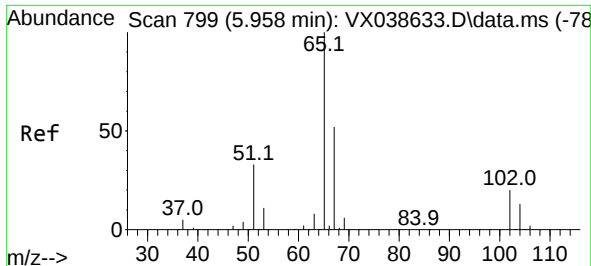
Tgt Ion: 96 Resp: 12331
 Ion Ratio Lower Upper
 96 100
 61 113.1 0.0 312.2
 98 65.0 0.0 129.0



#30
 Chloroform
 Concen: 1.715 ug/l
 RT: 5.093 min Scan# 657
 Delta R.T. -0.006 min
 Lab File: VX038763.D
 Acq: 11 Nov 2023 06:41

Tgt Ion: 83 Resp: 9423
 Ion Ratio Lower Upper
 83 100
 85 66.6 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 46.219 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038763.D

Acq: 11 Nov 2023 06:41

Instrument :

MSVOA_X

ClientSampleId :

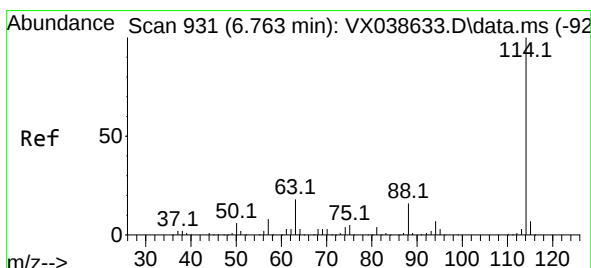
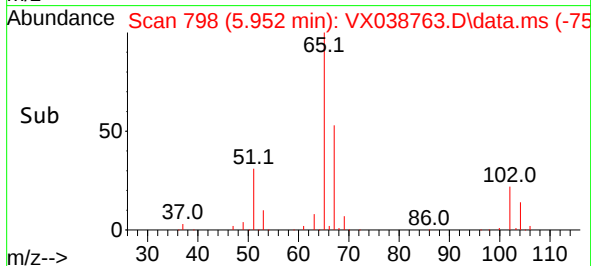
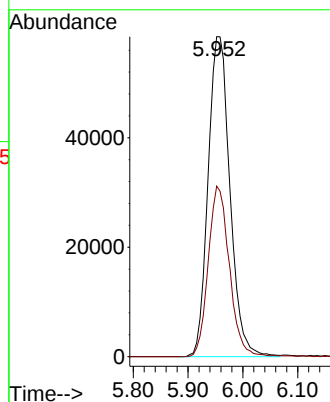
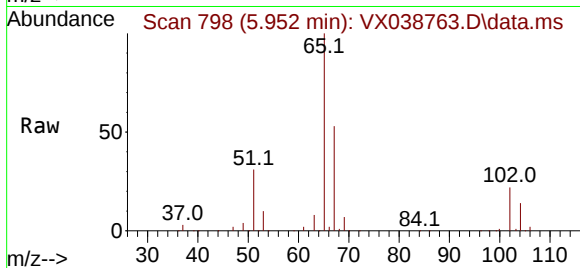
RE114D1-20231108

Tgt Ion: 65 Resp: 161648

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# 931

Delta R.T. 0.000 min

Lab File: VX038763.D

Acq: 11 Nov 2023 06:41

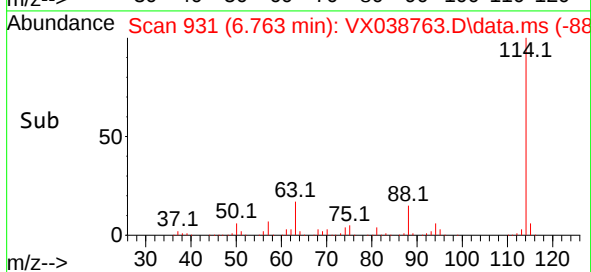
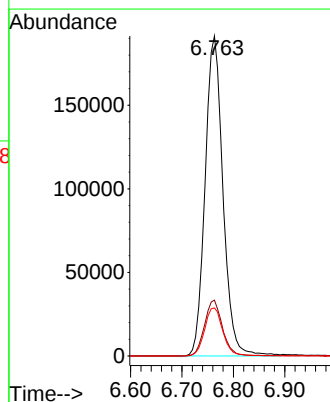
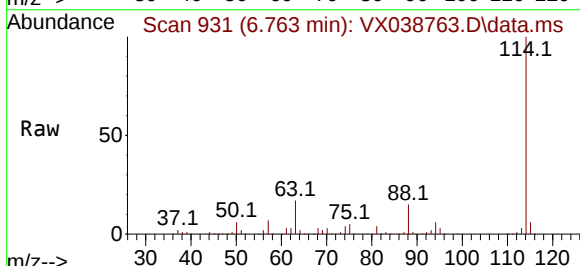
Tgt Ion: 114 Resp: 462318

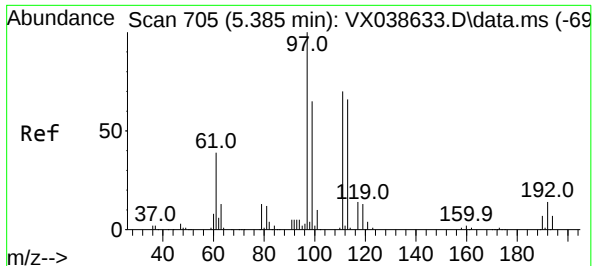
Ion Ratio Lower Upper

114 100

63 17.5 0.0 45.0

88 15.0 0.0 36.6

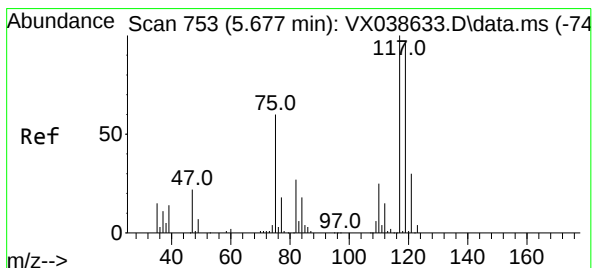
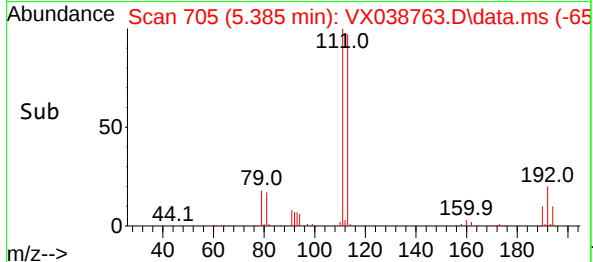
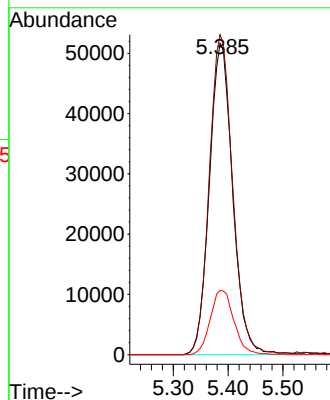
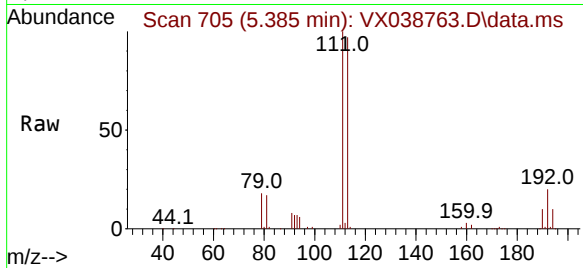




#35
Dibromofluoromethane
Concen: 45.594 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038763.D
Acq: 11 Nov 2023 06:41

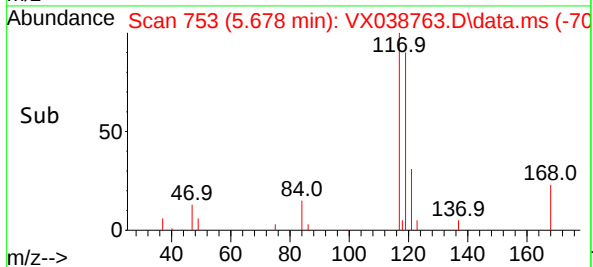
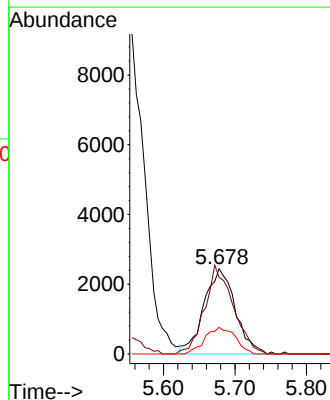
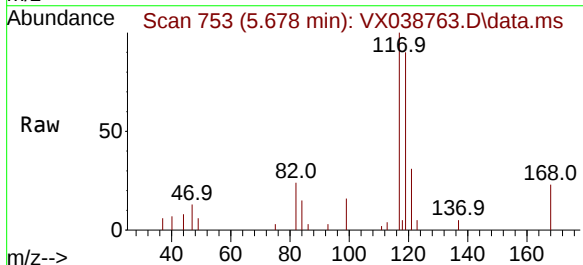
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20231108

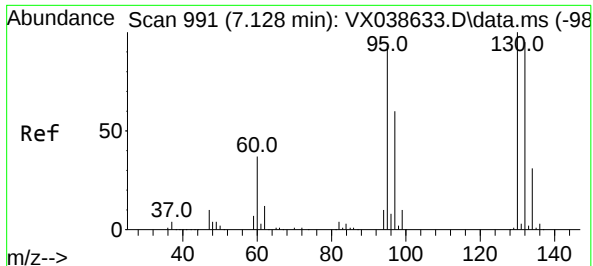
Tgt Ion:113 Resp: 151816
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 21.0 13.3 19.9#



#38
Carbon Tetrachloride
Concen: 1.610 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX038763.D
Acq: 11 Nov 2023 06:41

Tgt Ion:117 Resp: 7446
Ion Ratio Lower Upper
117 100
119 90.1 78.2 117.2
121 31.3 24.4 36.6

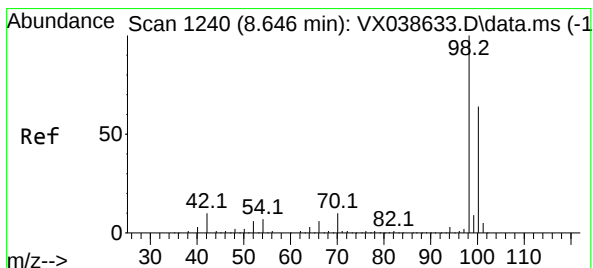
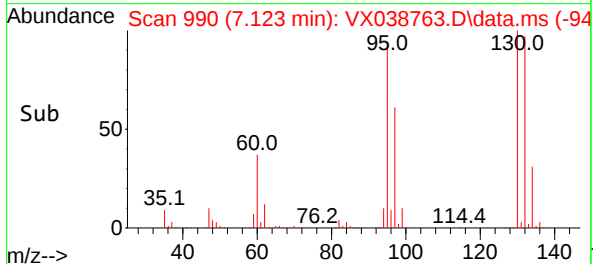
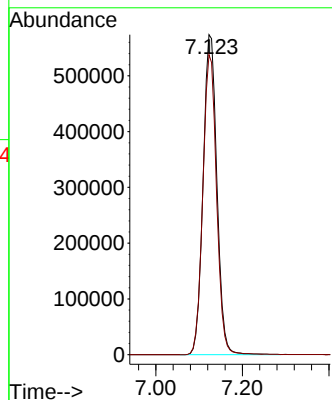
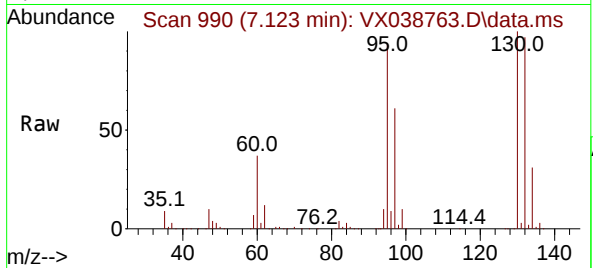




#44
Trichloroethene
Concen: 341.374 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX038763.D
Acq: 11 Nov 2023 06:41

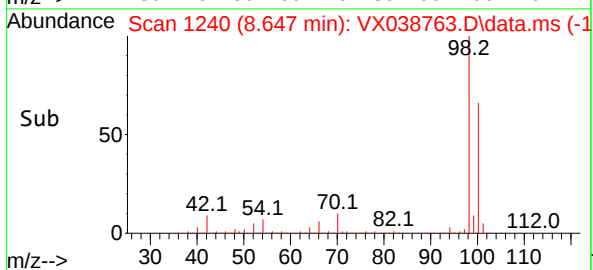
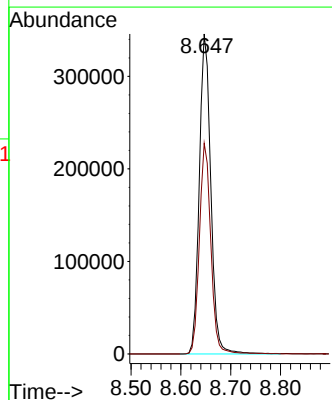
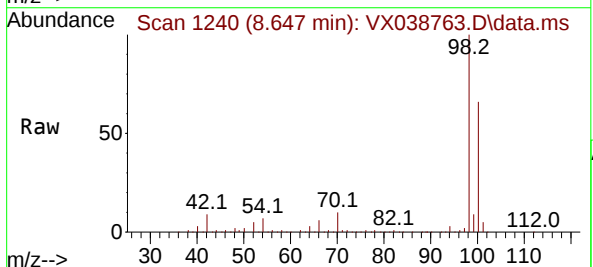
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20231108

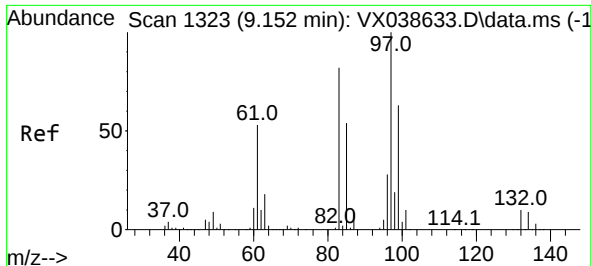
Tgt Ion:130 Resp: 1265389
Ion Ratio Lower Upper
130 100
95 93.7 0.0 204.4



#50
Toluene-d8
Concen: 46.515 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038763.D
Acq: 11 Nov 2023 06:41

Tgt Ion: 98 Resp: 554229
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7

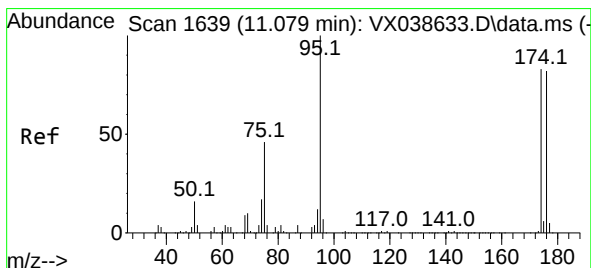
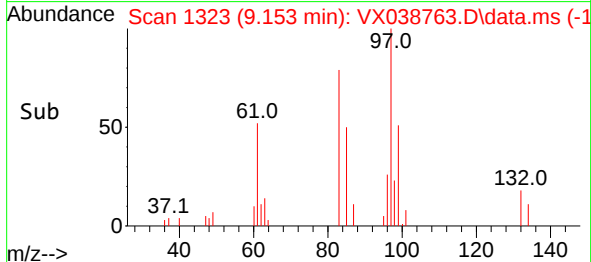
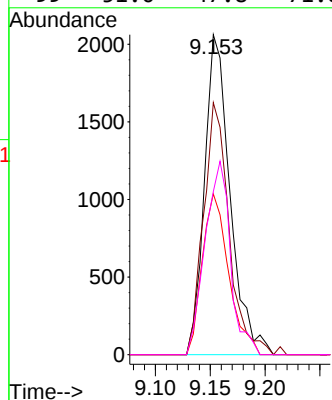
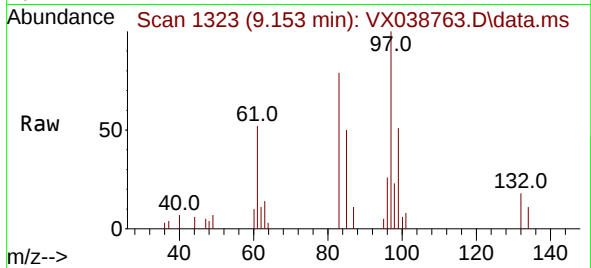




#55
1,1,2-Trichloroethane
Concen: 1.012 ug/l
RT: 9.153 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038763.D
Acq: 11 Nov 2023 06:41

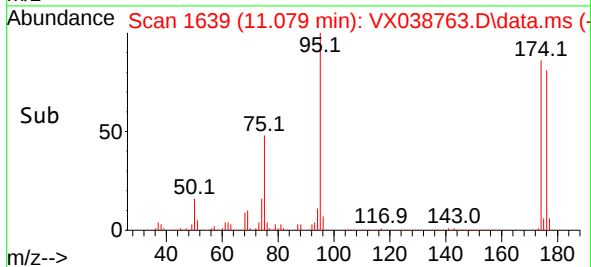
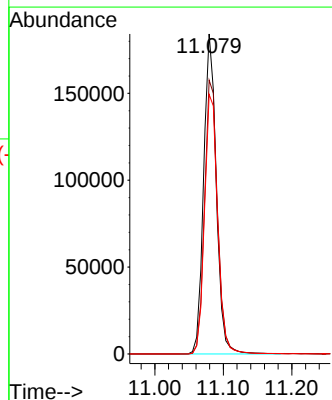
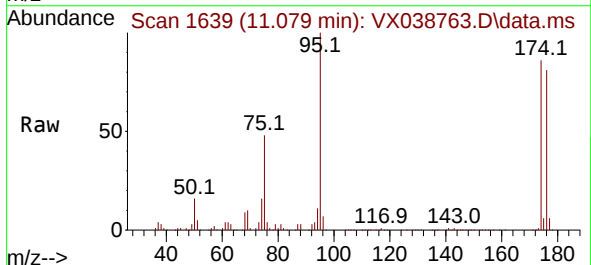
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20231108

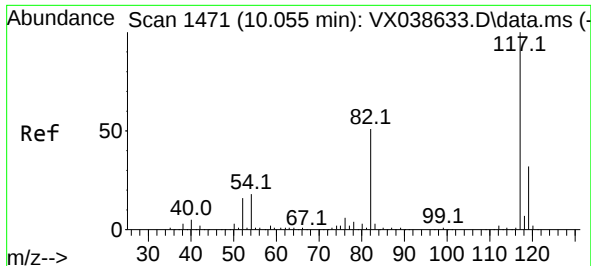
Tgt Ion: 97	Resp: 3352
Ion Ratio	Lower Upper
97 100	
83 78.8	65.8 98.8
85 50.2	41.6 62.4
99 51.0	47.8 71.8



#62
4-Bromofluorobenzene
Concen: 51.168 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038763.D
Acq: 11 Nov 2023 06:41

Tgt Ion: 95	Resp: 236378
Ion Ratio	Lower Upper
95 100	
174 88.9	0.0 135.6
176 84.6	0.0 131.0

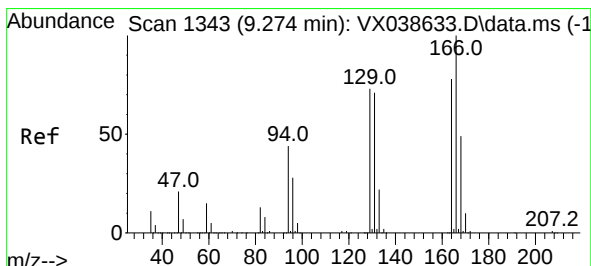
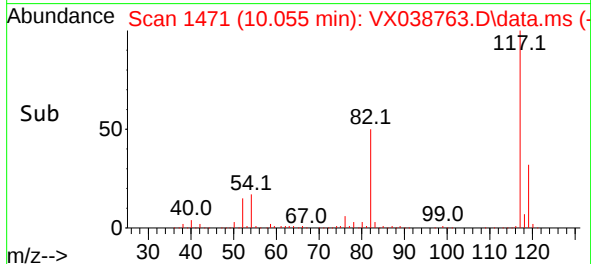
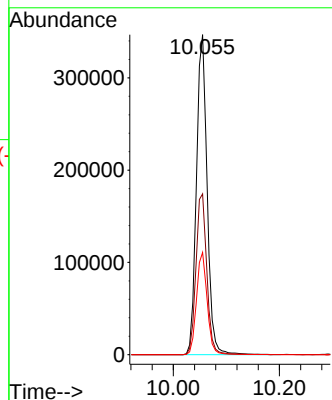
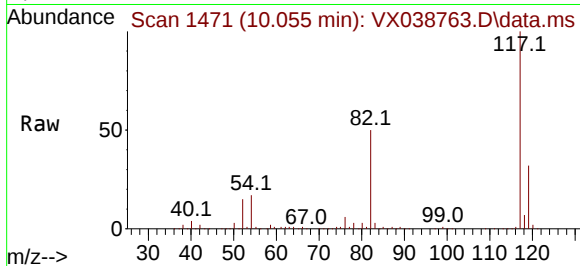




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038763.D
Acq: 11 Nov 2023 06:41

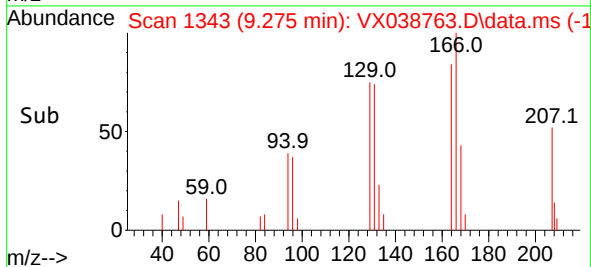
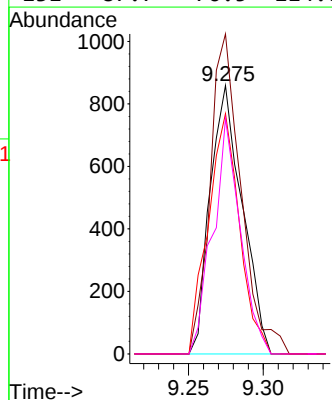
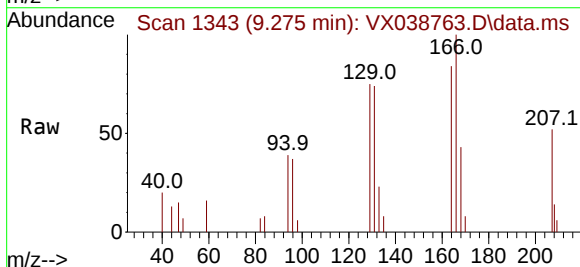
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20231108

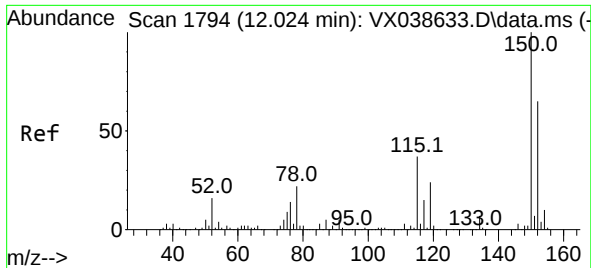
Tgt Ion:117 Resp: 485129
Ion Ratio Lower Upper
117 100
82 50.3 46.2 69.4
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 0.354 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038763.D
Acq: 11 Nov 2023 06:41

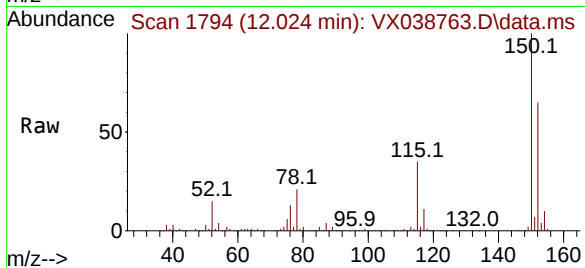
Tgt Ion:164 Resp: 1284
Ion Ratio Lower Upper
164 100
166 119.2 102.7 154.1
129 89.5 80.4 120.6
131 87.7 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038763.D
 Acq: 11 Nov 2023 06:41

Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D1-20231108



Tgt Ion:152 Resp: 279318
 Ion Ratio Lower Upper
 152 100
 115 57.2 43.3 129.9
 150 155.4 0.0 345.0

