

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
 Data File : VX038483.D
 Acq On : 25 Oct 2023 16:30
 Operator : JC/MD
 Sample : 05007-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-26-37-40

Quant Time: Oct 26 04:06:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

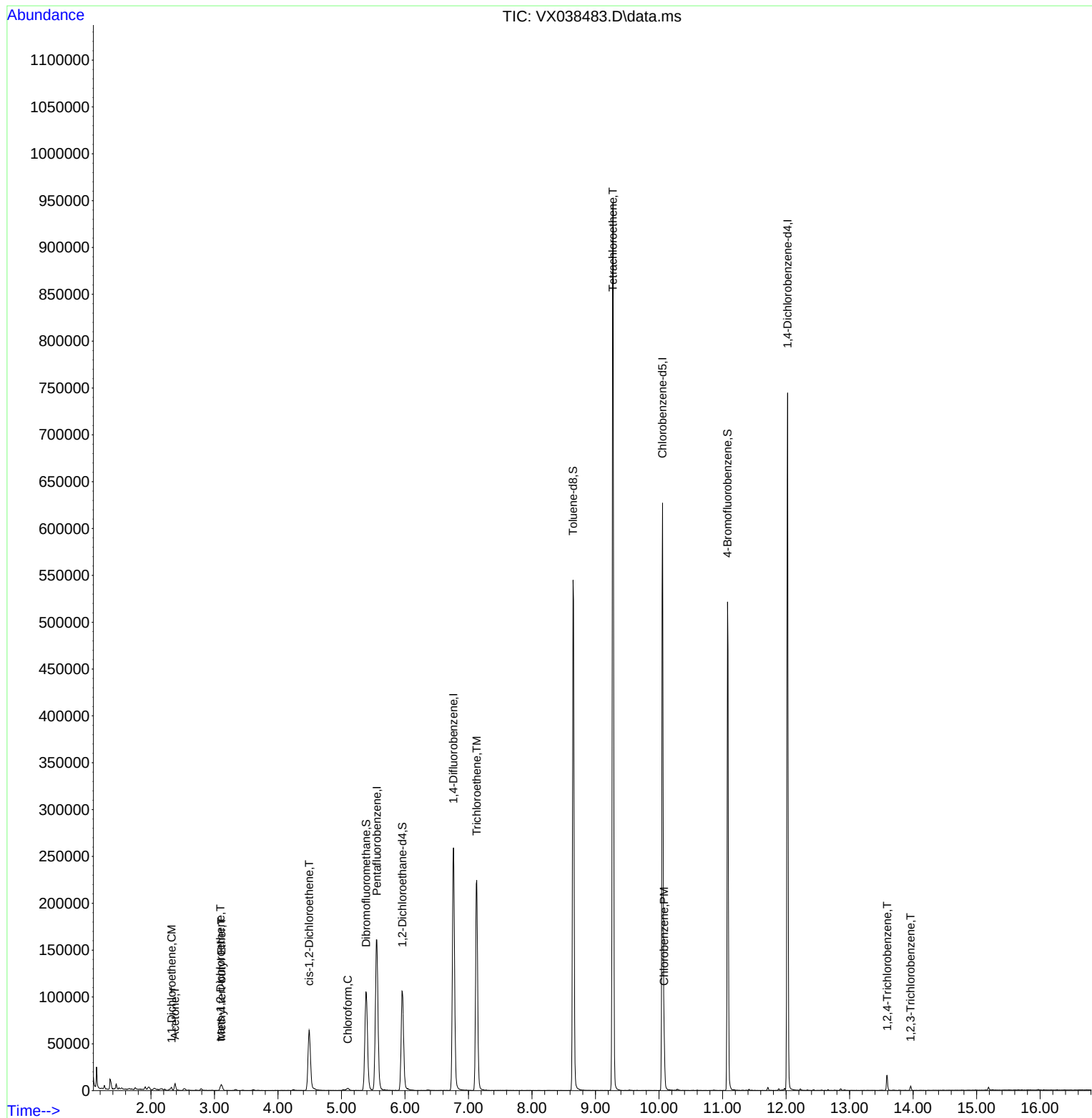
Internal Standards						
1) Pentafluorobenzene	5.556	168	159482	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	278799	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	287159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	104165	40.607	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.220%
35) Dibromofluoromethane	5.385	113	92464	46.027	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.060%
50) Toluene-d8	8.647	98	343419	44.736	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.480%#
62) 4-Bromofluorobenzene	11.079	95	134118	46.084	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.160%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.325	96	1082	0.742	ug/l	# 52
16) Acetone	2.379	43	7185	6.711	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	4790	0.824	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	1405	0.778	ug/l	# 81
27) cis-1,2-Dichloroethene	4.489	96	43110	20.036	ug/l	77
30) Chloroform	5.098	83	2940	0.810	ug/l	100
44) Trichloroethene	7.129	130	91037	44.922	ug/l	94
64) Tetrachloroethene	9.275	164	170133	91.519	ug/l	95
65) Chlorobenzene	10.079	112	20025	3.333	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	4468	1.347	ug/l	94
96) 1,2,3-Trichlorobenzene	13.963	180	1345	0.419	ug/l	98

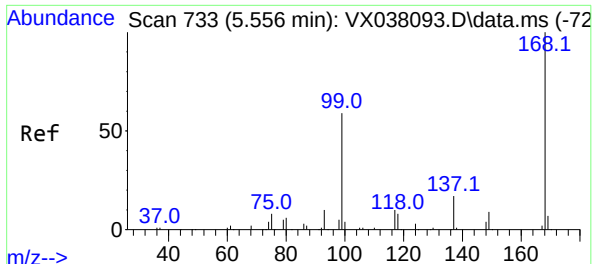
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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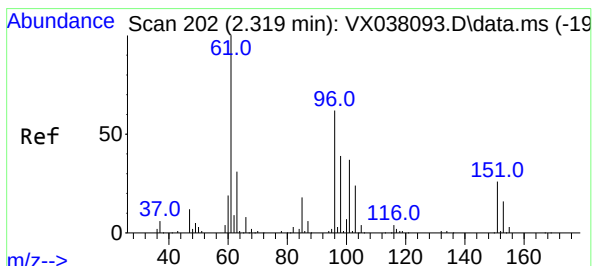
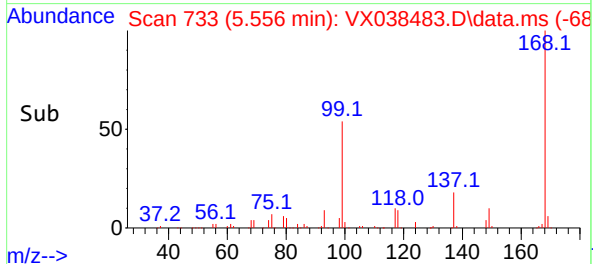
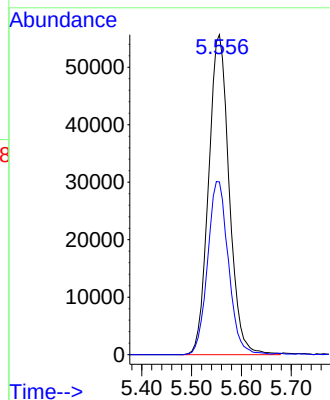
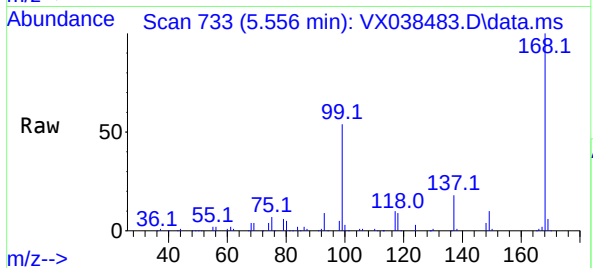




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038483.D
Acq: 25 Oct 2023 16:30

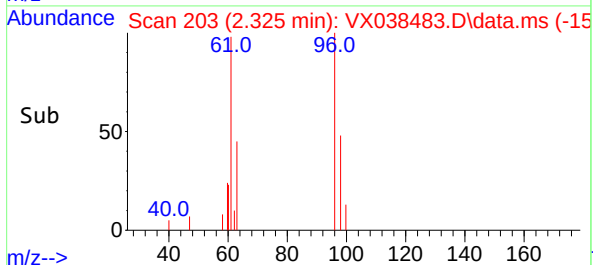
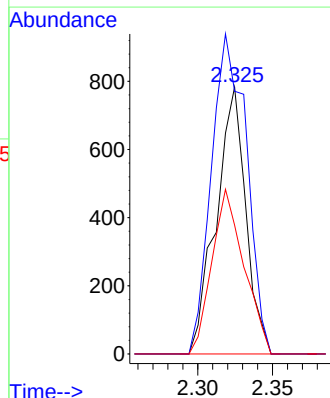
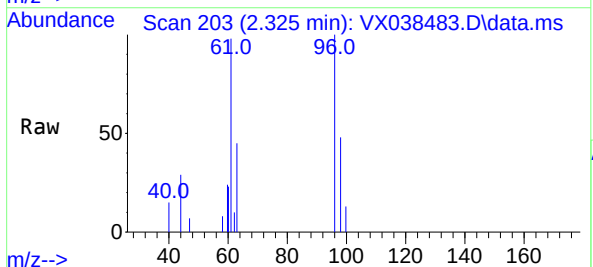
Instrument :
MSVOA_X
ClientSampleId :
GW-26-37-40

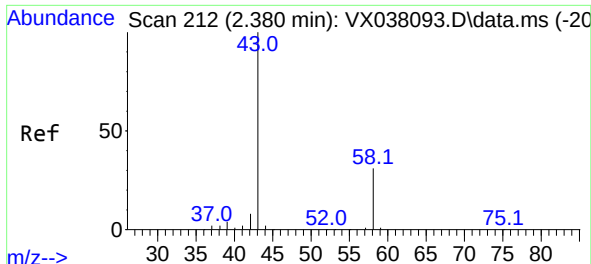
Tgt Ion:168 Resp: 159482
Ion Ratio Lower Upper
168 100
99 54.0 56.6 85.0#



#12
1,1-Dichloroethene
Concen: 0.742 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX038483.D
Acq: 25 Oct 2023 16:30

Tgt Ion: 96 Resp: 1082
Ion Ratio Lower Upper
96 100
61 98.5 144.6 216.8#
98 48.3 50.4 75.6#

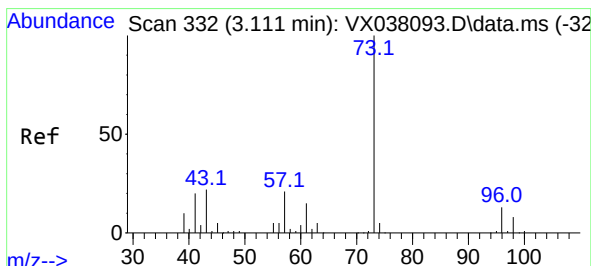
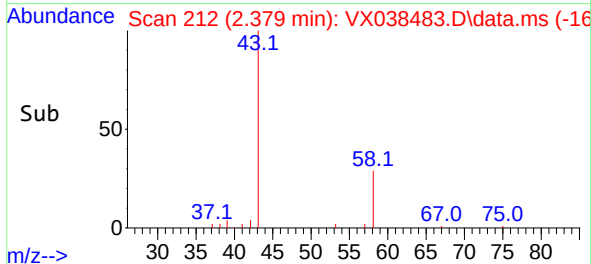
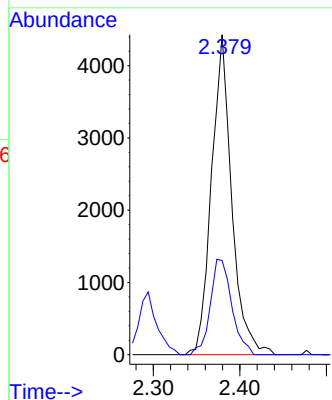
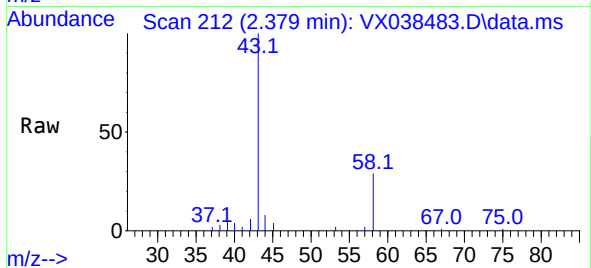




#16
Acetone
Concen: 6.711 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX038483.D
Acq: 25 Oct 2023 16:30

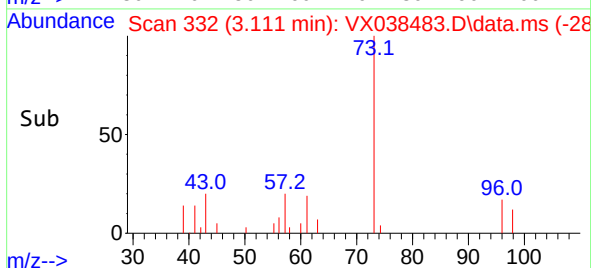
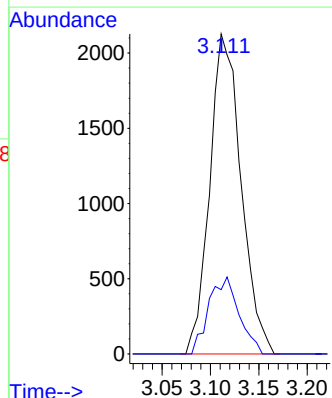
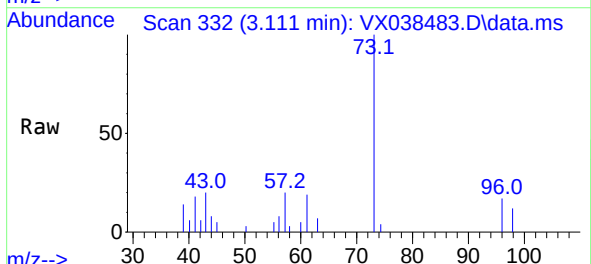
Instrument :
MSVOA_X
ClientSampleId :
GW-26-37-40

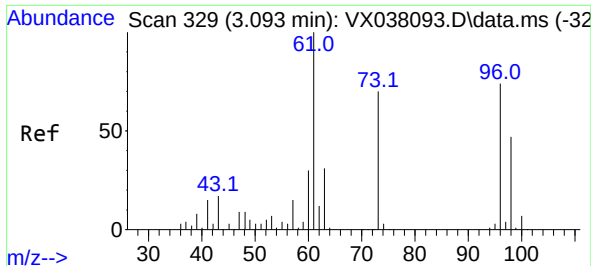
Tgt Ion: 43 Resp: 7185
Ion Ratio Lower Upper
43 100
58 29.4 21.9 32.9



#19
Methyl tert-butyl Ether
Concen: 0.824 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX038483.D
Acq: 25 Oct 2023 16:30

Tgt Ion: 73 Resp: 4790
Ion Ratio Lower Upper
73 100
57 20.1 17.3 25.9

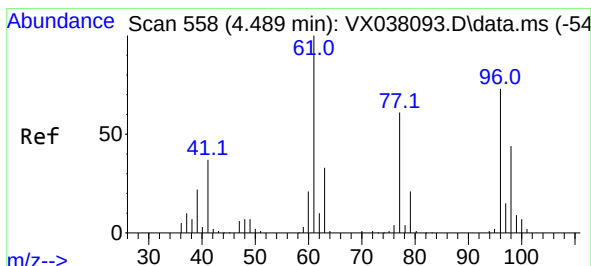
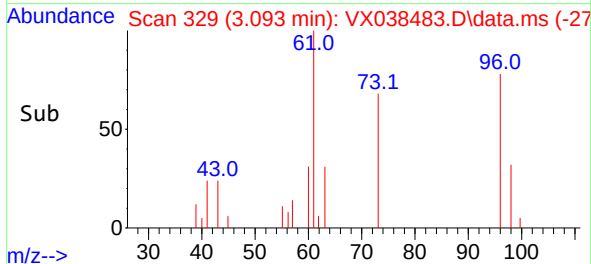
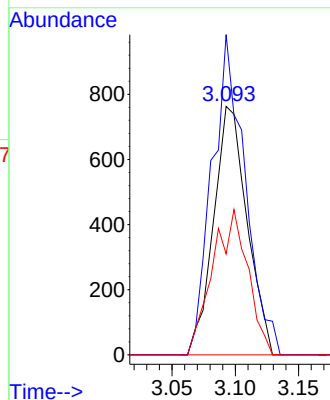
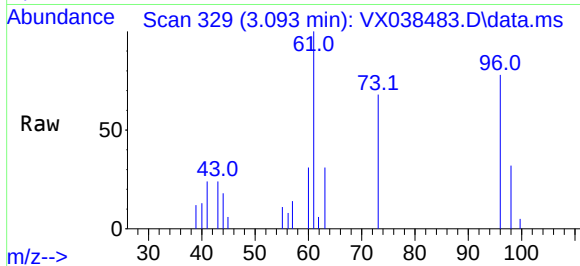




#21
trans-1,2-Dichloroethene
Concen: 0.778 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038483.D
Acq: 25 Oct 2023 16:30

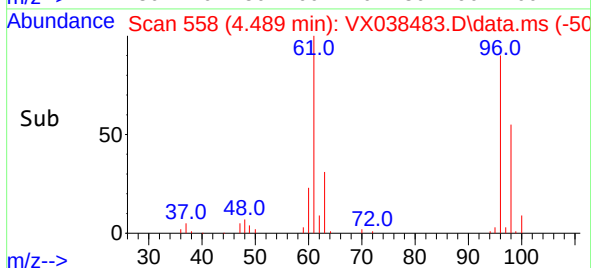
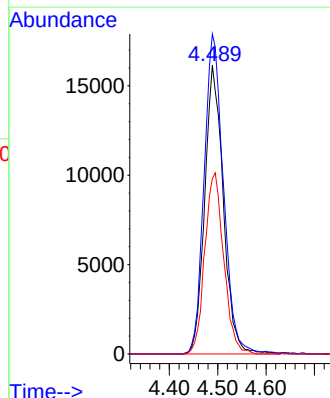
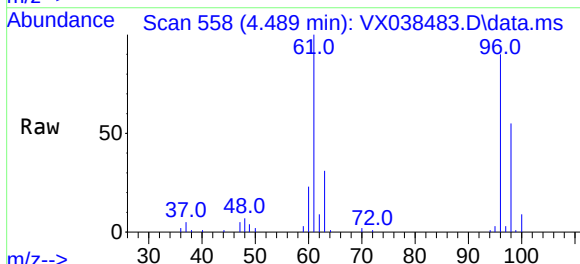
Instrument :
MSVOA_X
ClientSampleId :
GW-26-37-40

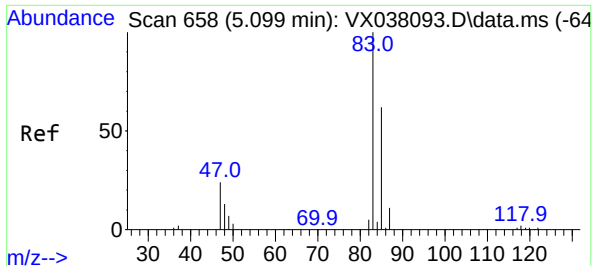
Tgt Ion: 96 Resp: 1405
Ion Ratio Lower Upper
96 100
61 128.8 119.2 178.8
98 40.6 48.7 73.1#



#27
cis-1,2-Dichloroethene
Concen: 20.036 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX038483.D
Acq: 25 Oct 2023 16:30

Tgt Ion: 96 Resp: 43110
Ion Ratio Lower Upper
96 100
61 114.8 0.0 312.2
98 63.9 0.0 129.0





#30

Chloroform

Concen: 0.810 ug/l

RT: 5.098 min Scan# 61

Delta R.T. 0.005 min

Lab File: VX038483.D

Acq: 25 Oct 2023 16:30

Instrument :

MSVOA_X

ClientSampleId :

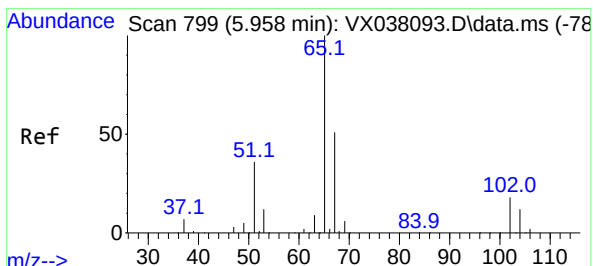
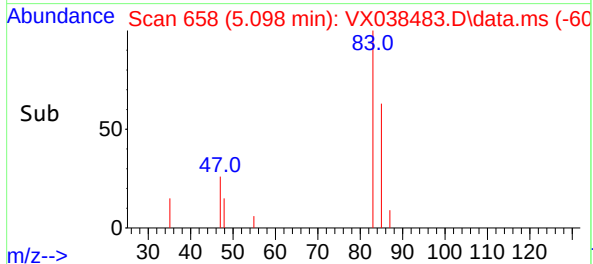
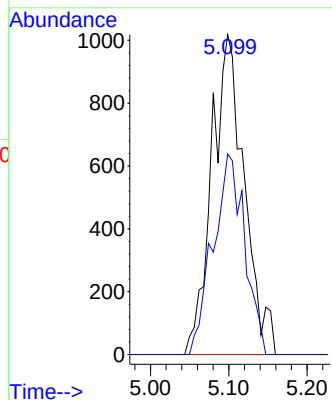
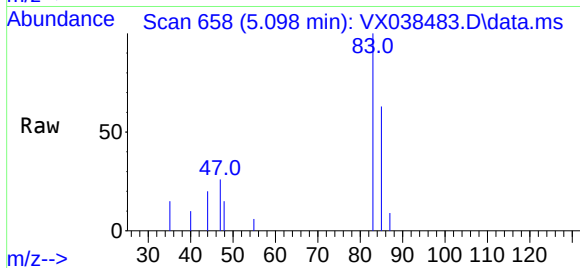
GW-26-37-40

Tgt Ion: 83 Resp: 2940

Ion Ratio Lower Upper

83 100

85 62.7 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 40.607 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038483.D

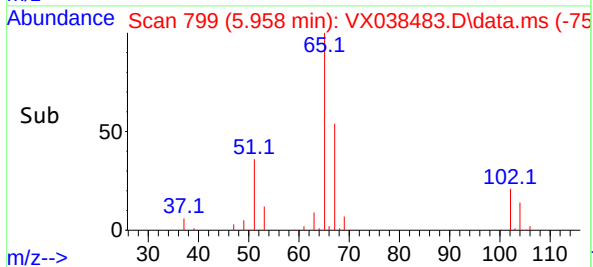
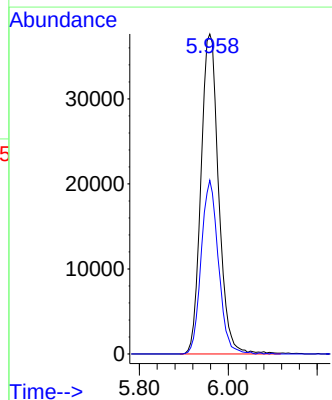
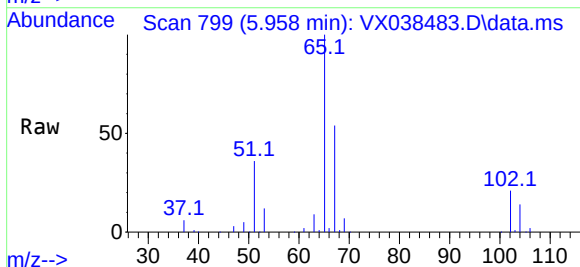
Acq: 25 Oct 2023 16:30

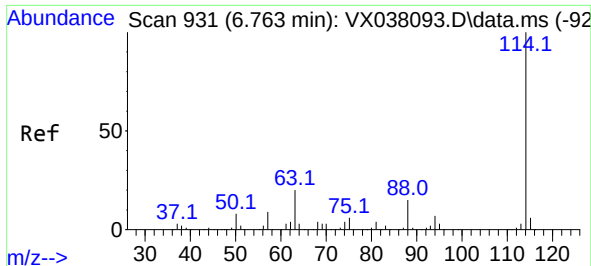
Tgt Ion: 65 Resp: 104165

Ion Ratio Lower Upper

65 100

67 52.9 0.0 100.2

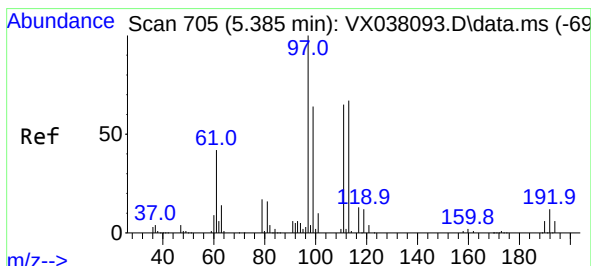
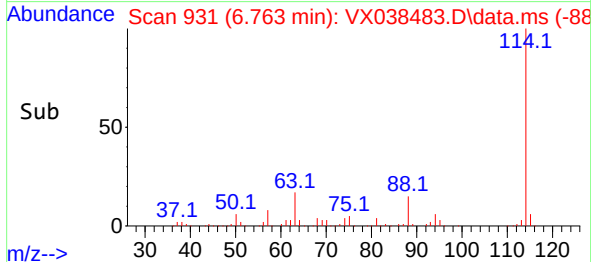
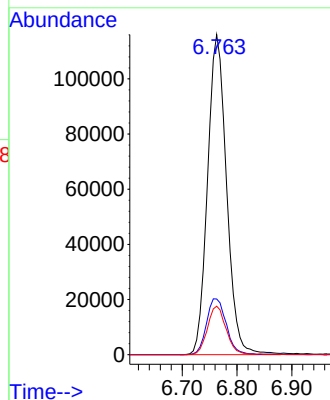
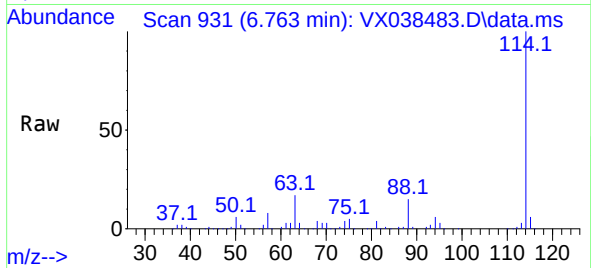




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038483.D
Acq: 25 Oct 2023 16:30

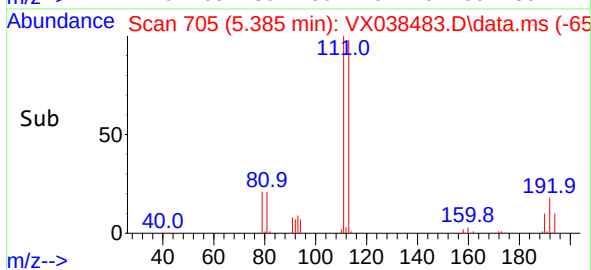
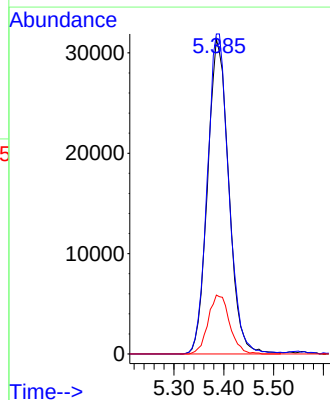
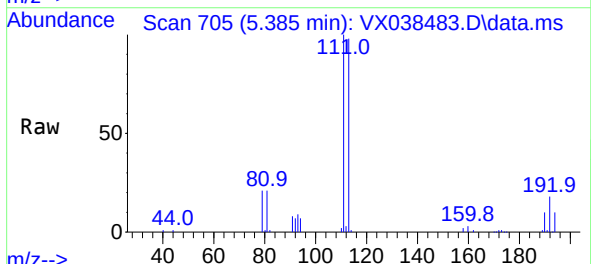
Instrument :
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GW-26-37-40

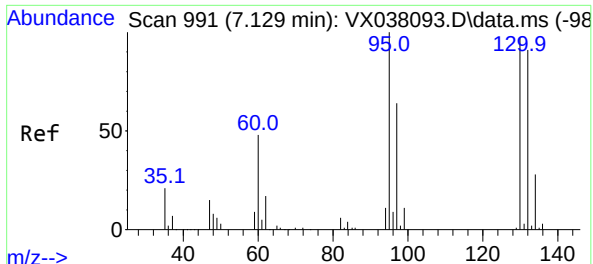
Tgt Ion:114 Resp: 278799
Ion Ratio Lower Upper
114 100
63 17.4 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.027 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038483.D
Acq: 25 Oct 2023 16:30

Tgt Ion:113 Resp: 92464
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 19.0 13.3 19.9

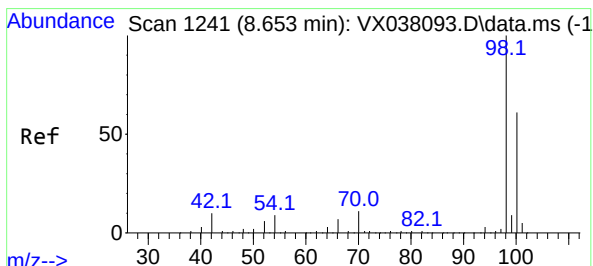
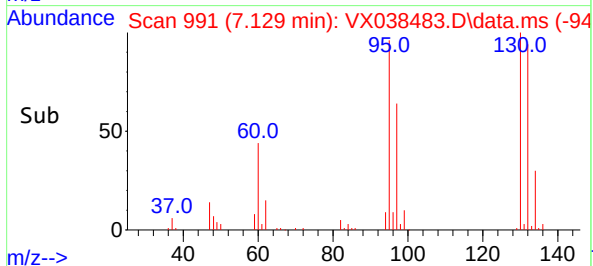
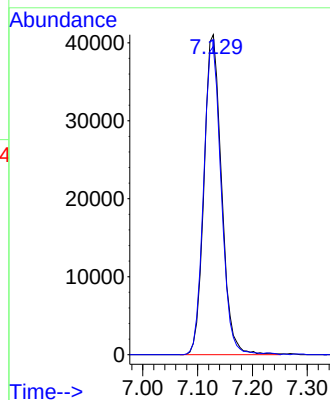
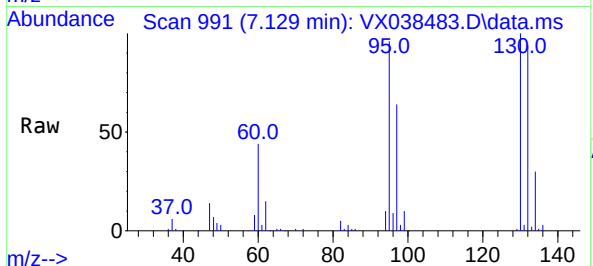




#44
Trichloroethene
Concen: 44.922 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038483.D
Acq: 25 Oct 2023 16:30

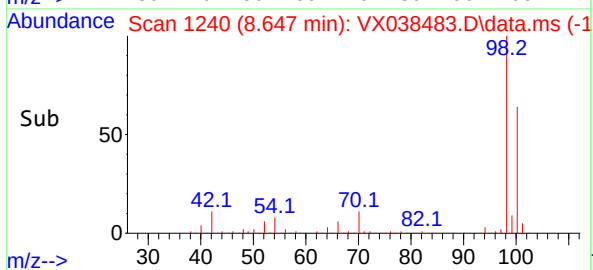
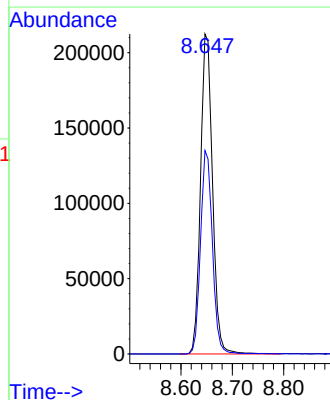
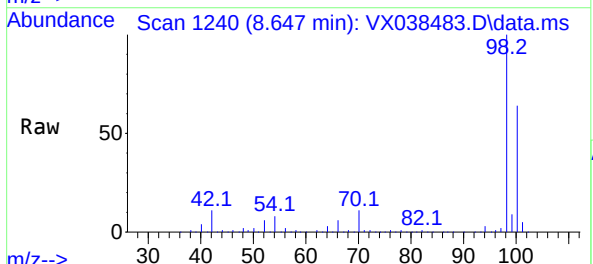
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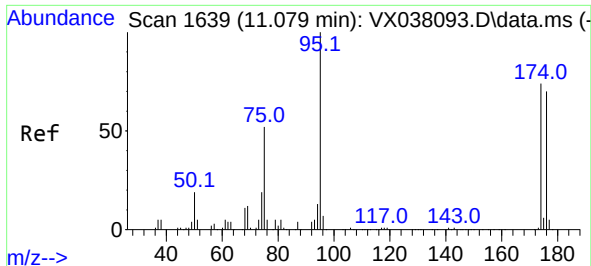
Tgt Ion:130 Resp: 91037
Ion Ratio Lower Upper
130 100
95 96.3 0.0 204.4



#50
Toluene-d8
Concen: 44.736 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038483.D
Acq: 25 Oct 2023 16:30

Tgt Ion: 98 Resp: 343419
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7

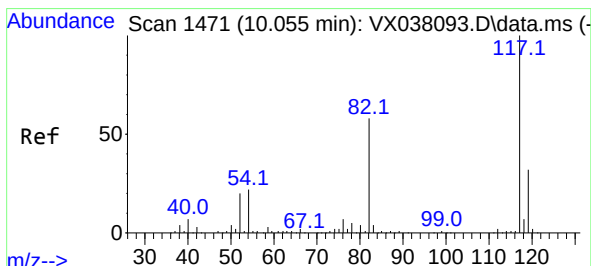
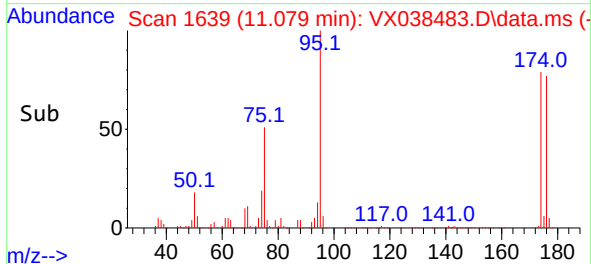
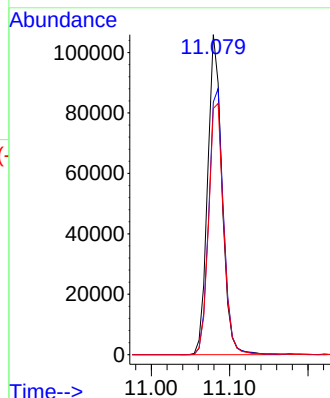
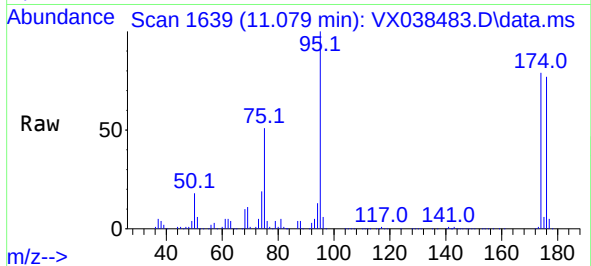




#62
4-Bromofluorobenzene
Concen: 46.084 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038483.D
Acq: 25 Oct 2023 16:30

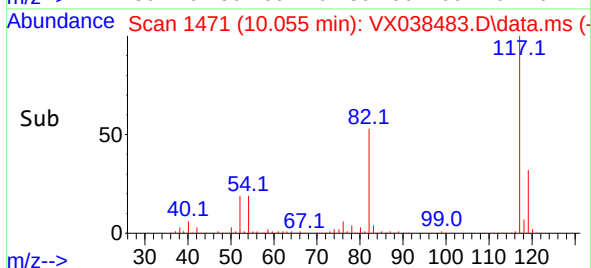
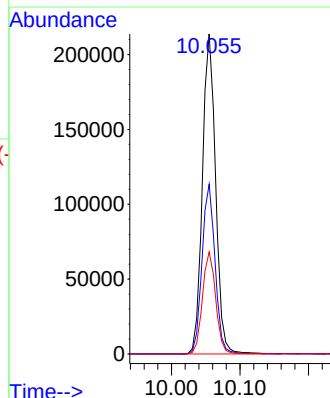
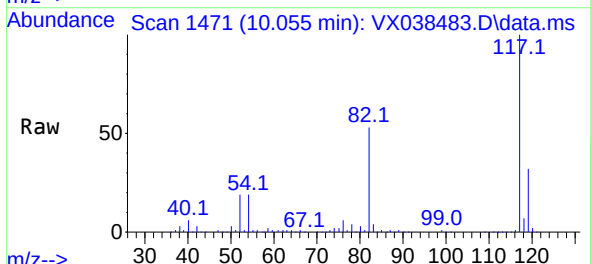
Instrument :
MSVOA_X
ClientSampleId :
GW-26-37-40

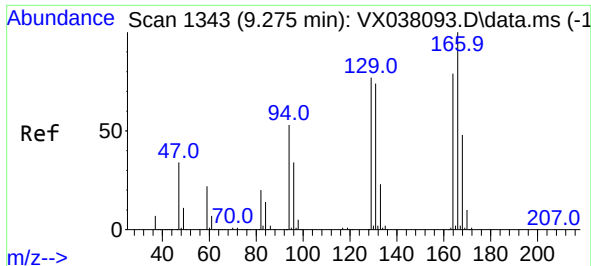
Tgt Ion: 95 Resp: 134118
Ion Ratio Lower Upper
95 100
174 85.6 0.0 135.6
176 82.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038483.D
Acq: 25 Oct 2023 16:30

Tgt Ion: 117 Resp: 287159
Ion Ratio Lower Upper
117 100
82 53.1 46.2 69.4
119 31.9 25.5 38.3

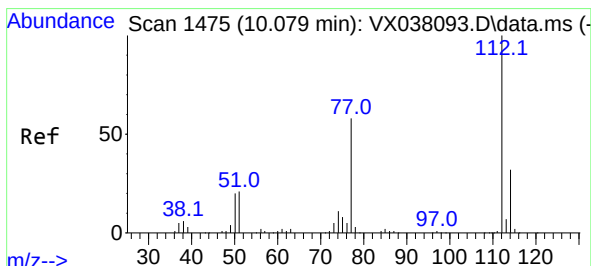
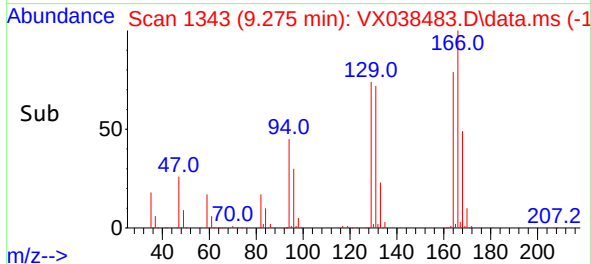
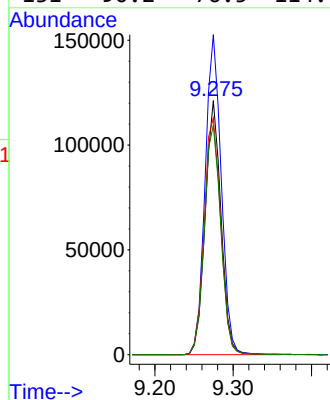
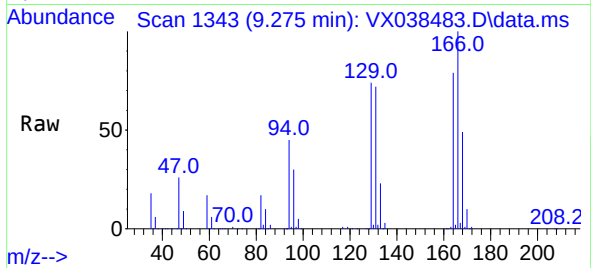




#64
Tetrachloroethene
Concen: 91.519 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038483.D
Acq: 25 Oct 2023 16:30

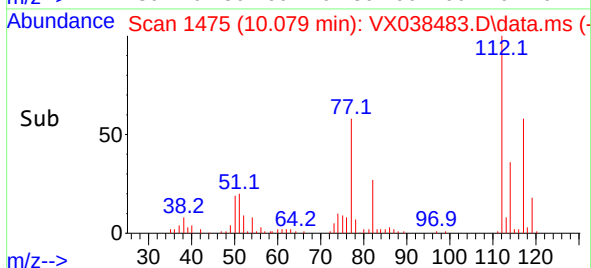
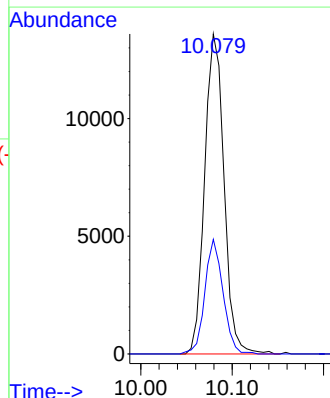
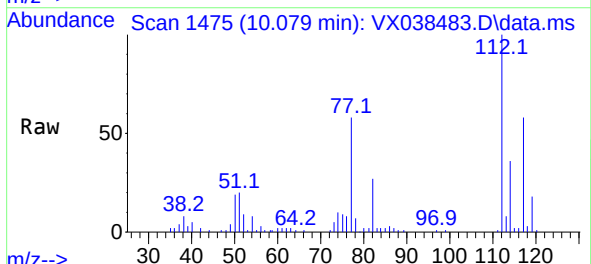
Instrument :
MSVOA_X
ClientSampleId :
GW-26-37-40

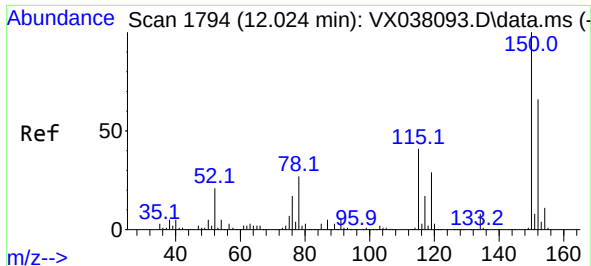
Tgt Ion:164 Resp: 170133
Ion Ratio Lower Upper
164 100
166 125.9 102.7 154.1
129 93.1 80.4 120.6
131 90.2 76.5 114.7



#65
Chlorobenzene
Concen: 3.333 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038483.D
Acq: 25 Oct 2023 16:30

Tgt Ion:112 Resp: 20025
Ion Ratio Lower Upper
112 100
114 35.8 25.7 38.5

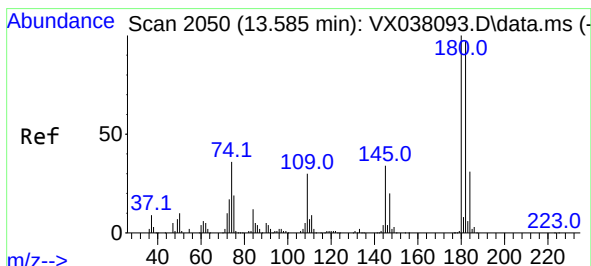
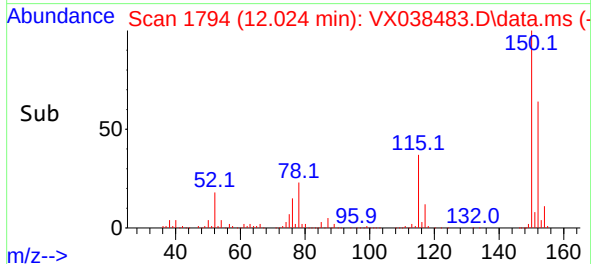
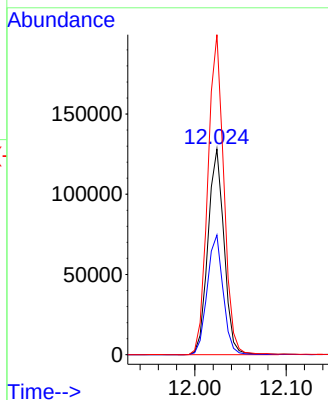
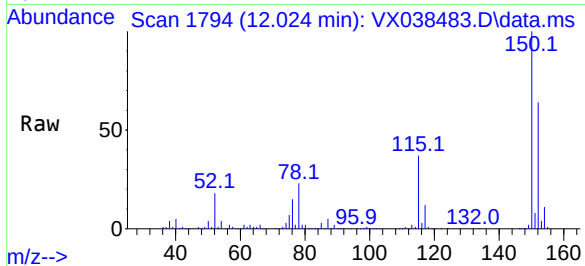




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038483.D
 Acq: 25 Oct 2023 16:30

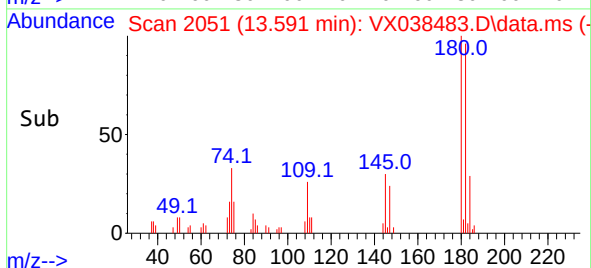
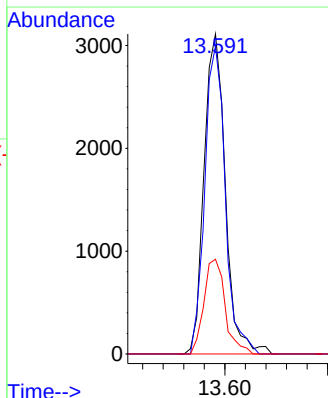
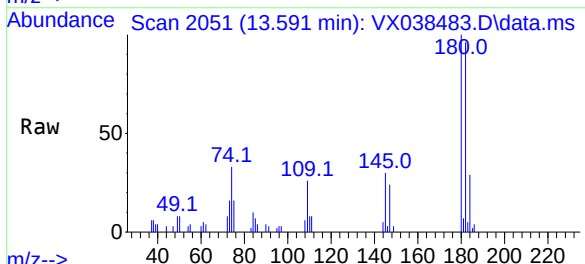
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-26-37-40

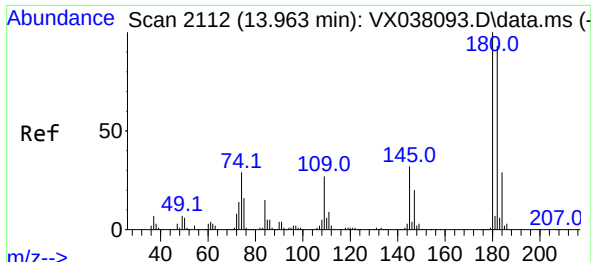
Tgt Ion:152 Resp: 156431
 Ion Ratio Lower Upper
 152 100
 115 57.9 43.3 129.9
 150 155.1 0.0 345.0



#93
 1,2,4-Trichlorobenzene
 Concen: 1.347 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX038483.D
 Acq: 25 Oct 2023 16:30

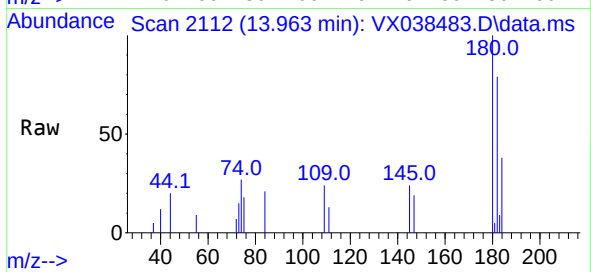
Tgt Ion:180 Resp: 4468
 Ion Ratio Lower Upper
 180 100
 182 92.9 48.3 144.8
 145 29.6 18.0 54.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.419 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX038483.D
 Acq: 25 Oct 2023 16:30

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-26-37-40



Tgt Ion:	180	Resp:	1345
Ion	Ratio	Lower	Upper
180	100		
182	90.9	46.9	140.6
145	34.9	17.8	53.5

