

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
 Data File : VX038443.D
 Acq On : 23 Oct 2023 19:19
 Operator : JC/MD
 Sample : 05007-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-26-23-26

Quant Time: Oct 24 00:07:13 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)

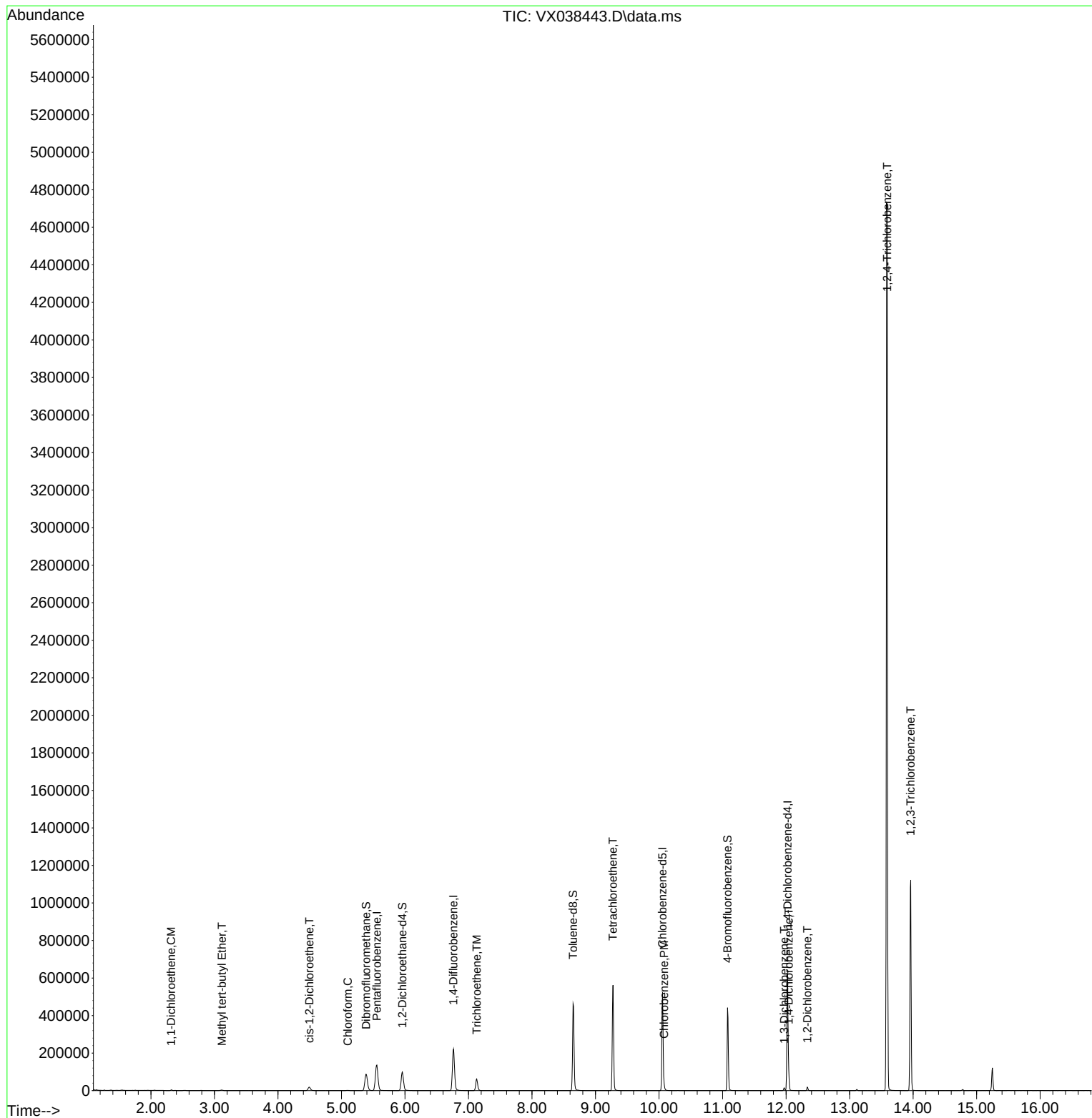
Internal Standards						
1) Pentafluorobenzene	5.555	168	130371	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	231450	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91672	43.717	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.440%
35) Dibromofluoromethane	5.385	113	77071	46.213	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.420%
50) Toluene-d8	8.646	98	287899	45.176	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.360%#
62) 4-Bromofluorobenzene	11.079	95	110177	45.603	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.318	96	1341	1.124	ug/l	82
19) Methyl tert-butyl Ether	3.117	73	3104	0.653	ug/l	92
27) cis-1,2-Dichloroethene	4.495	96	11646	6.621	ug/l	82
30) Chloroform	5.098	83	1762	0.594	ug/l	94
44) Trichloroethene	7.128	130	23354	13.881	ug/l	96
64) Tetrachloroethene	9.274	164	97006	62.903	ug/l	97
65) Chlorobenzene	10.079	112	7707	1.546	ug/l	90
87) 1,3-Dichlorobenzene	11.969	146	4639	1.125	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	27050	6.426	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	5864	1.479	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	1083910	407.726	ug/l	97
96) 1,2,3-Trichlorobenzene	13.962	180	258975	100.609	ug/l	97

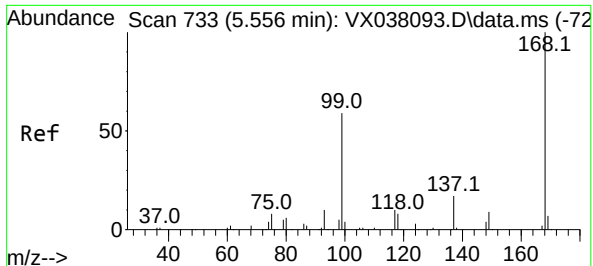
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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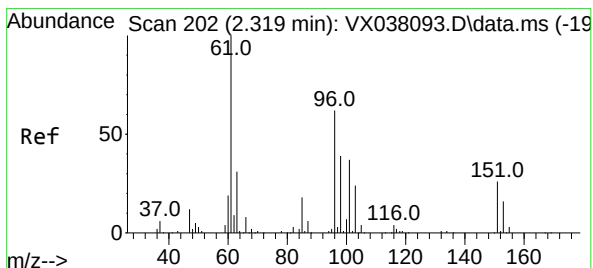
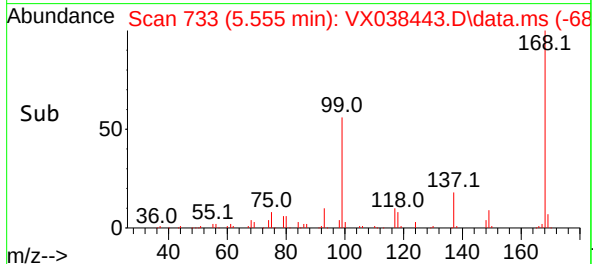
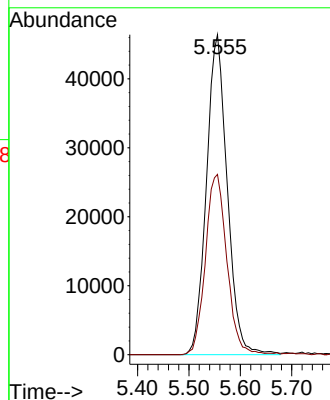
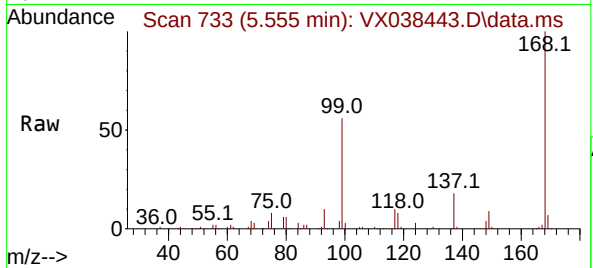




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX038443.D
Acq: 23 Oct 2023 19:19

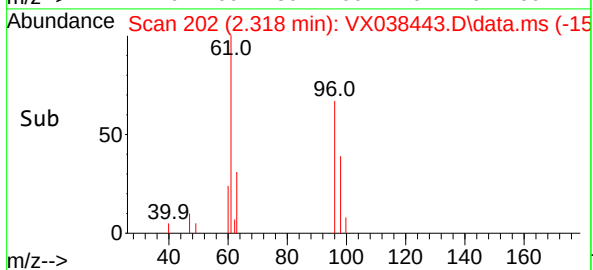
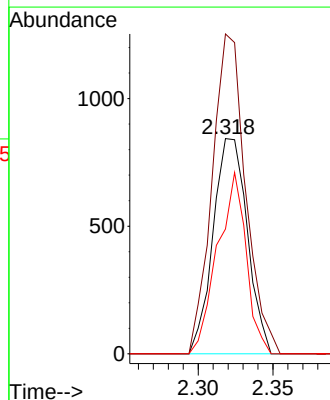
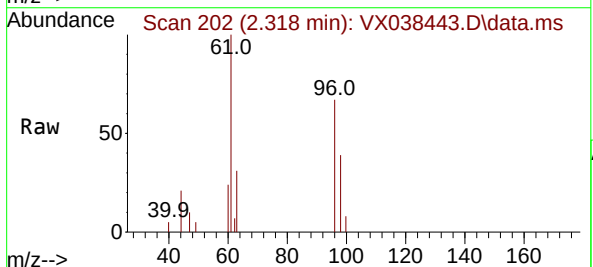
Instrument :
MSVOA_X
ClientSampleId :
GW-26-23-26

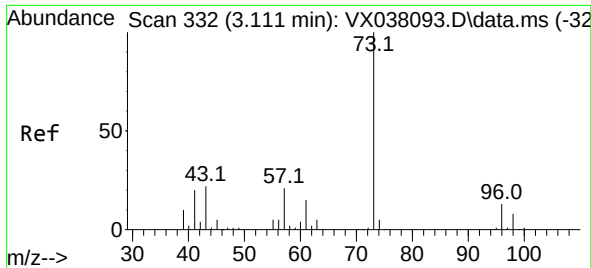
Tgt Ion:168 Resp: 130371
Ion Ratio Lower Upper
168 100
99 56.3 56.6 85.0#



#12
1,1-Dichloroethene
Concen: 1.124 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.001 min
Lab File: VX038443.D
Acq: 23 Oct 2023 19:19

Tgt Ion: 96 Resp: 1341
Ion Ratio Lower Upper
96 100
61 148.6 144.6 216.8
98 58.0 50.4 75.6

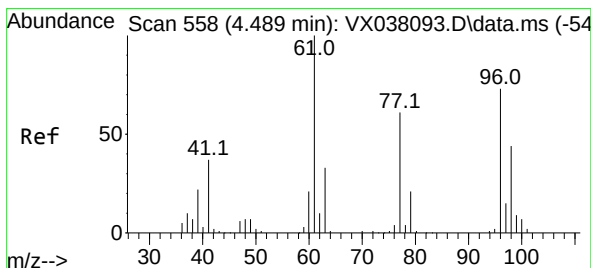
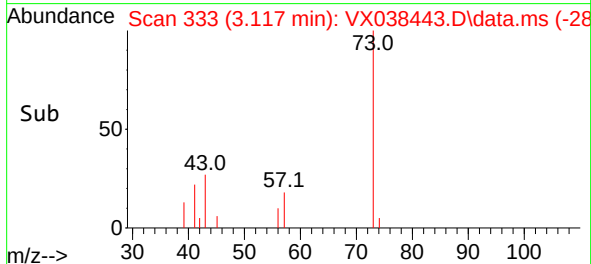
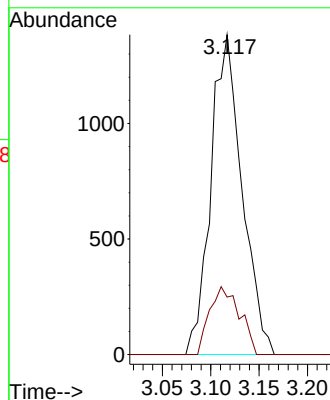
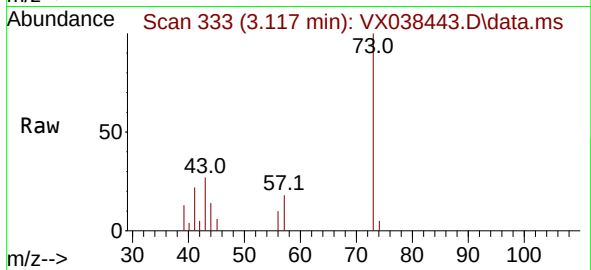




#19
Methyl tert-butyl Ether
Concen: 0.653 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038443.D
Acq: 23 Oct 2023 19:19

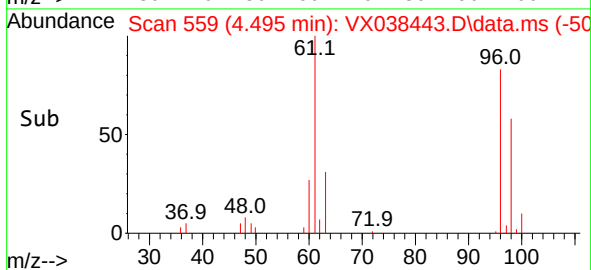
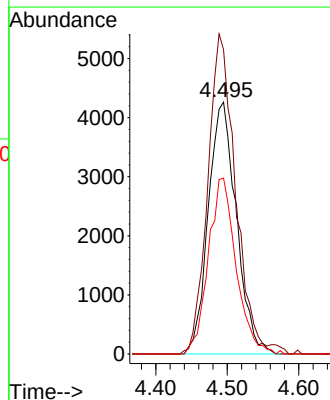
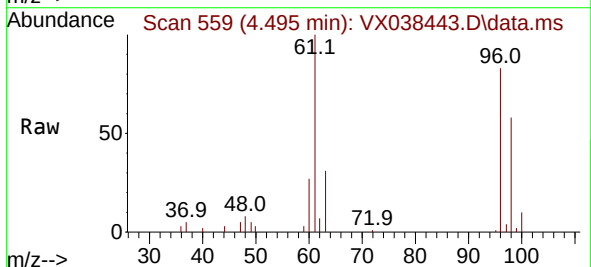
Instrument :
MSVOA_X
ClientSampleId :
GW-26-23-26

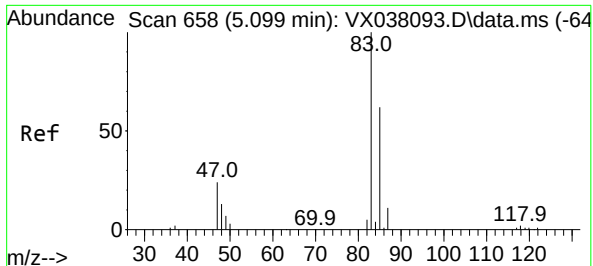
Tgt Ion: 73 Resp: 3104
Ion Ratio Lower Upper
73 100
57 18.0 17.3 25.9



#27
cis-1,2-Dichloroethene
Concen: 6.621 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX038443.D
Acq: 23 Oct 2023 19:19

Tgt Ion: 96 Resp: 11646
Ion Ratio Lower Upper
96 100
61 125.6 0.0 312.2
98 68.9 0.0 129.0





#30

Chloroform

Concen: 0.594 ug/l

RT: 5.098 min Scan# 61

Delta R.T. 0.005 min

Lab File: VX038443.D

Acq: 23 Oct 2023 19:19

Instrument :

MSVOA_X

ClientSampleId :

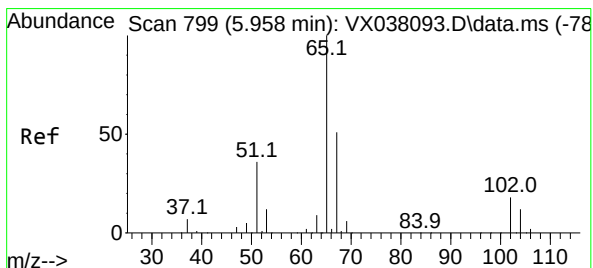
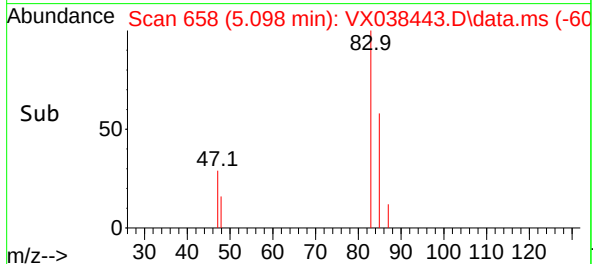
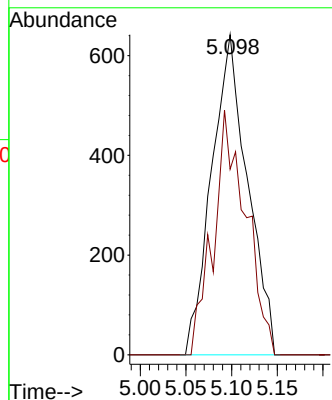
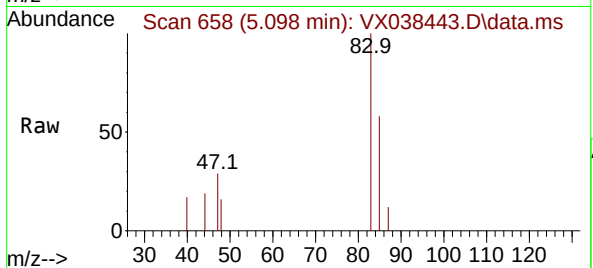
GW-26-23-26

Tgt Ion: 83 Resp: 1762

Ion Ratio Lower Upper

83 100

85 57.9 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 43.717 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX038443.D

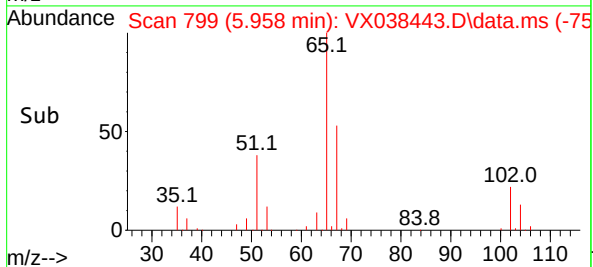
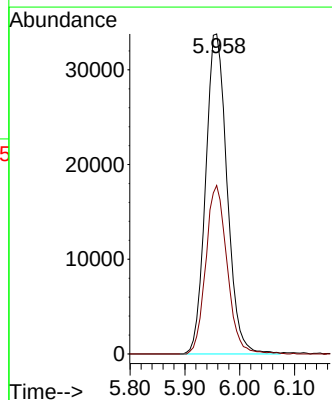
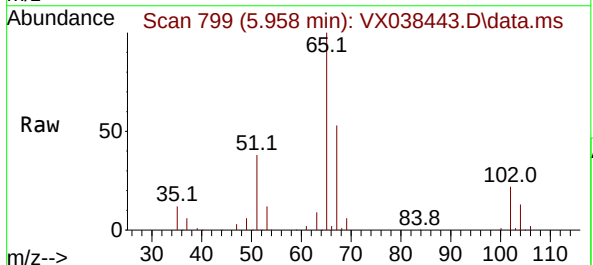
Acq: 23 Oct 2023 19:19

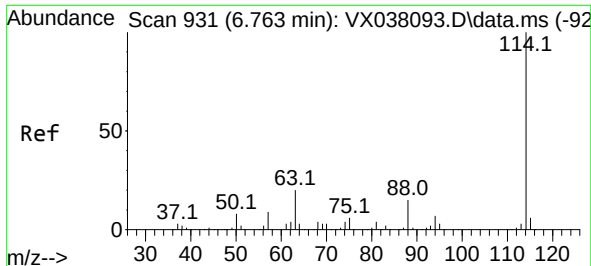
Tgt Ion: 65 Resp: 91672

Ion Ratio Lower Upper

65 100

67 52.4 0.0 100.2

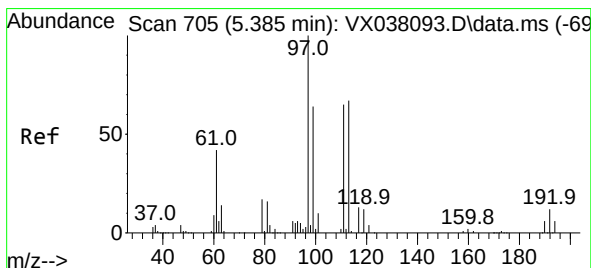
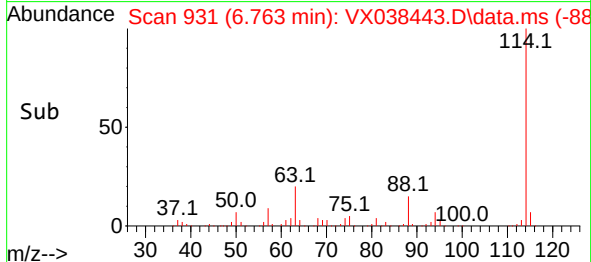
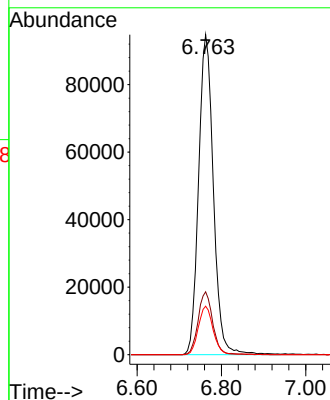
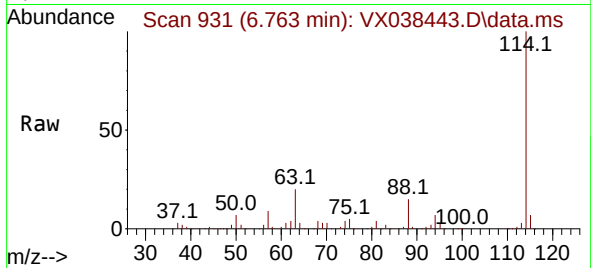




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038443.D
Acq: 23 Oct 2023 19:19

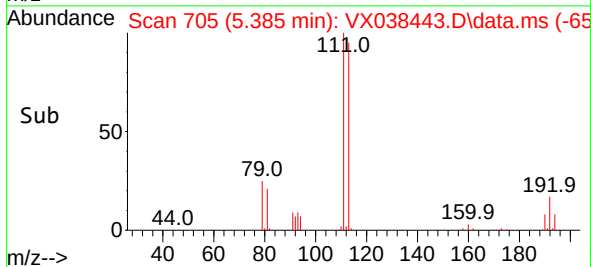
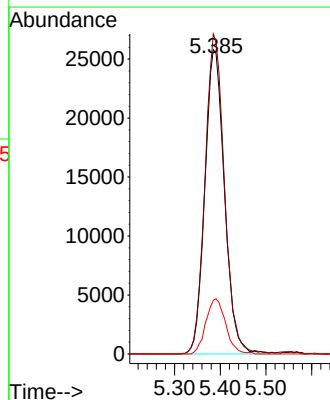
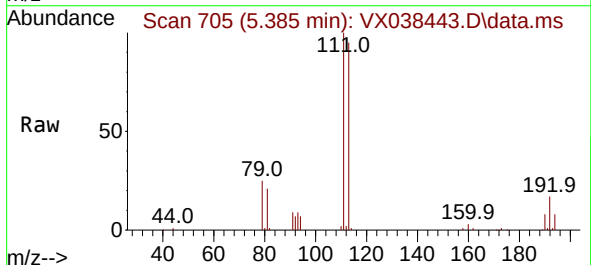
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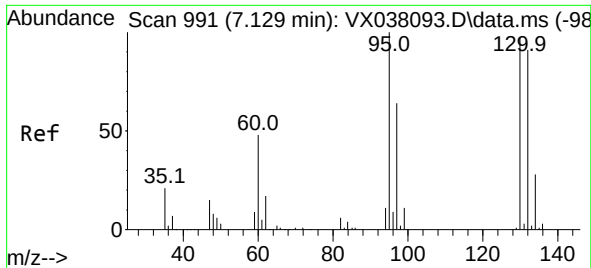
Tgt Ion:114 Resp: 231450
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.213 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038443.D
Acq: 23 Oct 2023 19:19

Tgt Ion:113 Resp: 77071
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 18.2 13.3 19.9

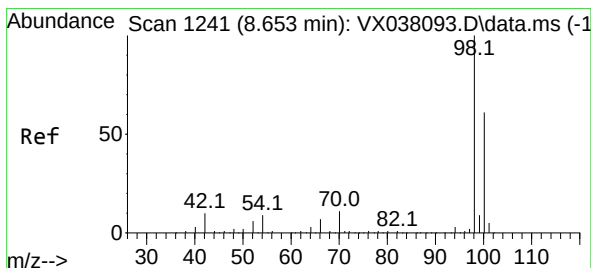
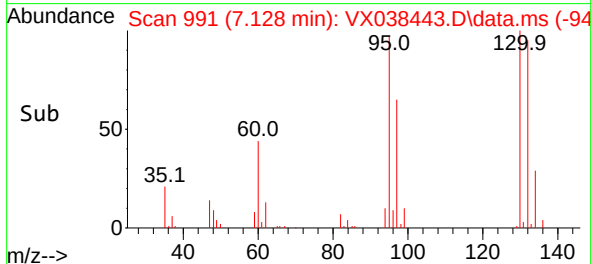
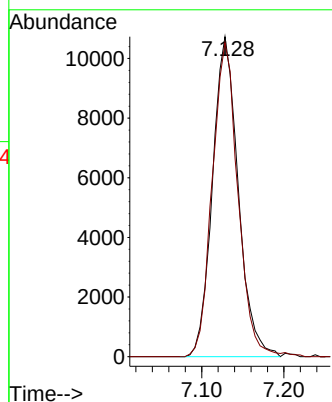
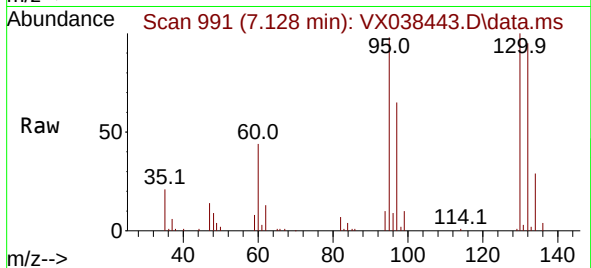




#44
Trichloroethene
Concen: 13.881 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.001 min
Lab File: VX038443.D
Acq: 23 Oct 2023 19:19

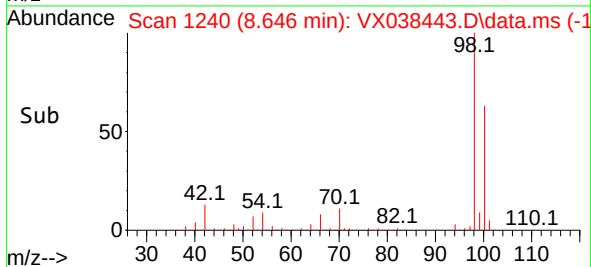
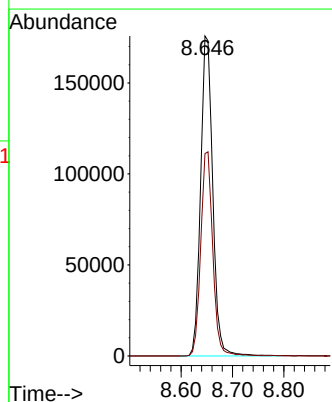
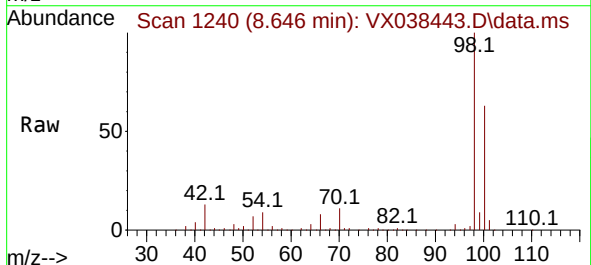
Instrument :
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GW-26-23-26

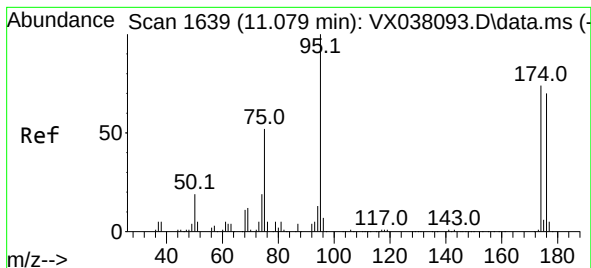
Tgt Ion:130 Resp: 23354
Ion Ratio Lower Upper
130 100
95 98.1 0.0 204.4



#50
Toluene-d8
Concen: 45.176 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.007 min
Lab File: VX038443.D
Acq: 23 Oct 2023 19:19

Tgt Ion: 98 Resp: 287899
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7

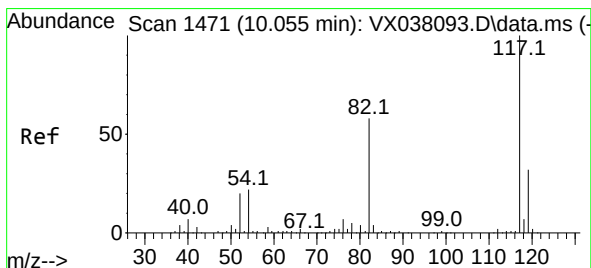
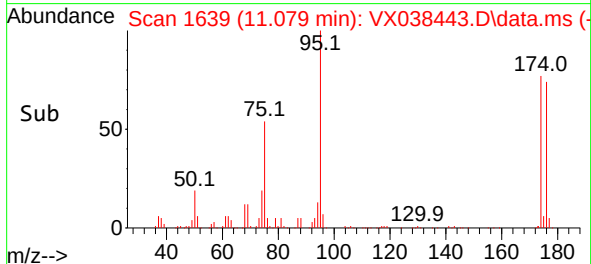
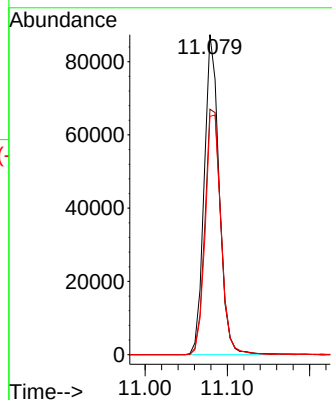
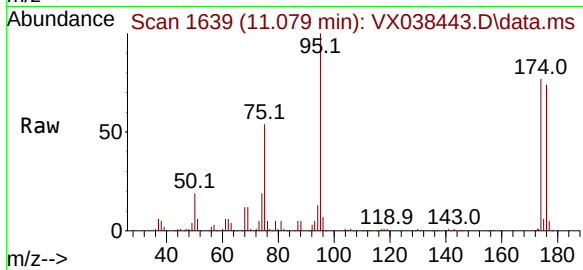




#62
4-Bromofluorobenzene
Concen: 45.603 ug/l
RT: 11.079 min Scan# 110177
Delta R.T. -0.000 min
Lab File: VX038443.D
Acq: 23 Oct 2023 19:19

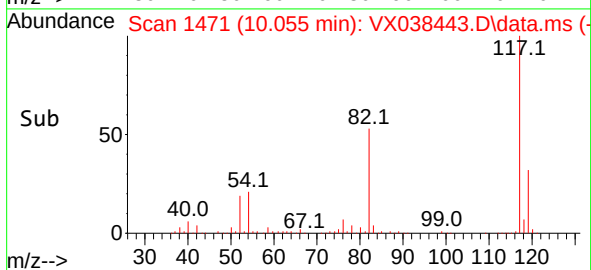
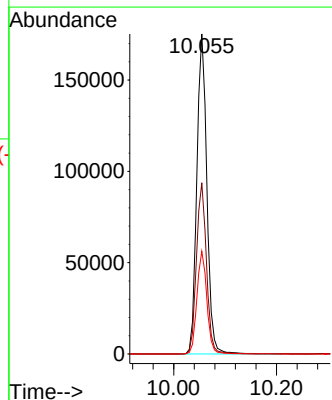
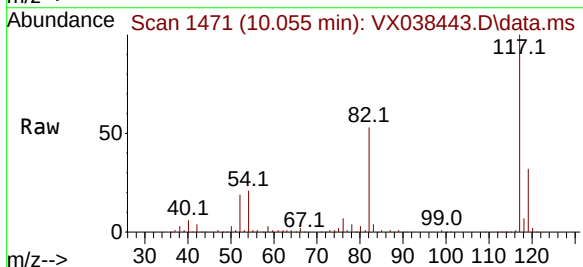
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MSVOA_X
ClientSampleId :
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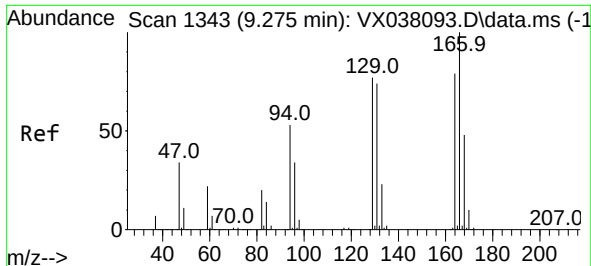
Tgt Ion: 95 Resp: 110177
Ion Ratio Lower Upper
95 100
174 82.7 0.0 135.6
176 79.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038443.D
Acq: 23 Oct 2023 19:19

Tgt Ion: 117 Resp: 238218
Ion Ratio Lower Upper
117 100
82 53.5 46.2 69.4
119 32.1 25.5 38.3

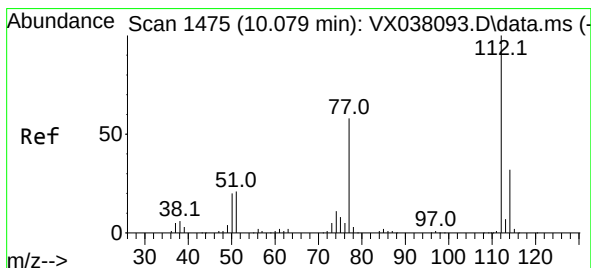
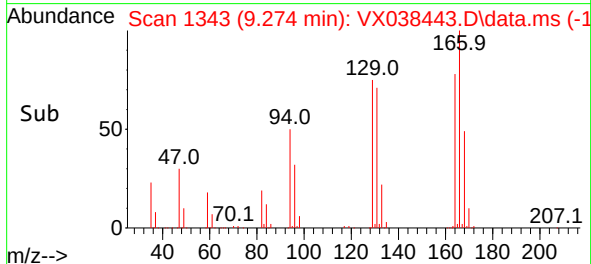
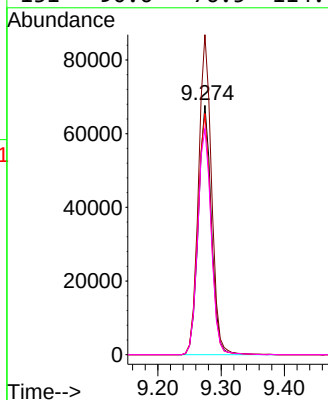
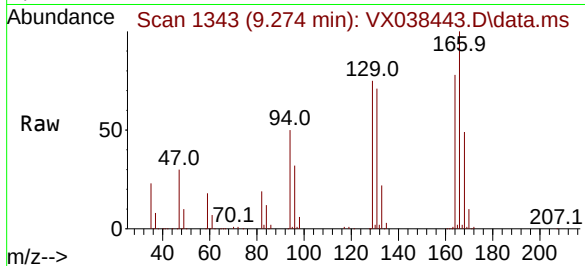




#64
Tetrachloroethene
Concen: 62.903 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX038443.D
Acq: 23 Oct 2023 19:19

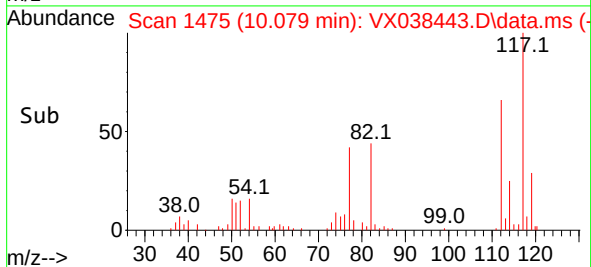
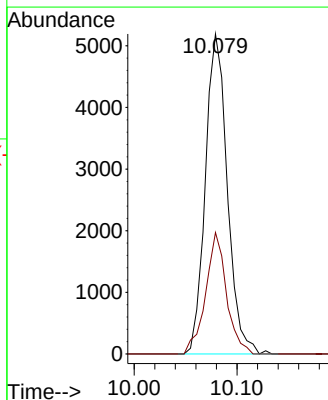
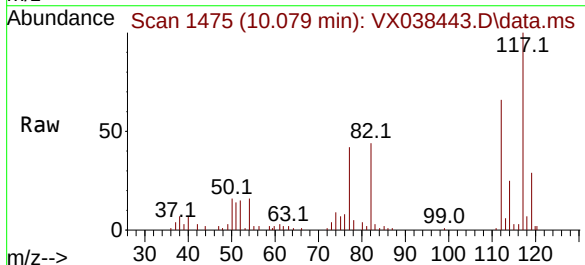
Instrument :
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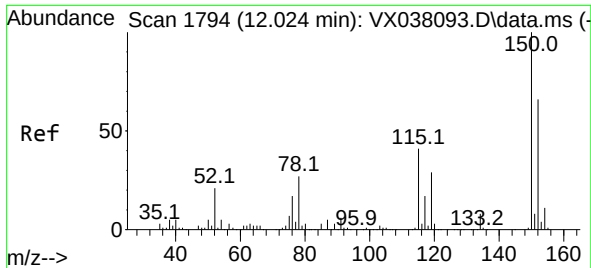
Tgt Ion:164	Resp:	97006
Ion	Ratio	Lower Upper
164	100	
166	128.3	102.7 154.1
129	96.7	80.4 120.6
131	90.6	76.5 114.7



#65
Chlorobenzene
Concen: 1.546 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038443.D
Acq: 23 Oct 2023 19:19

Tgt Ion:112	Resp:	7707
Ion	Ratio	Lower Upper
112	100	
114	37.9	25.7 38.5

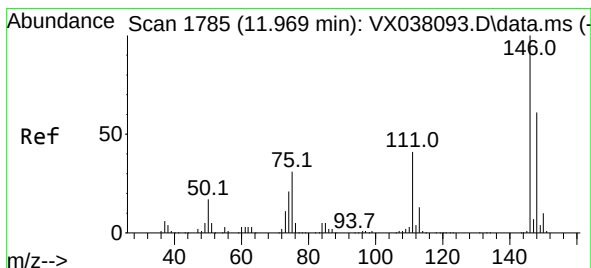
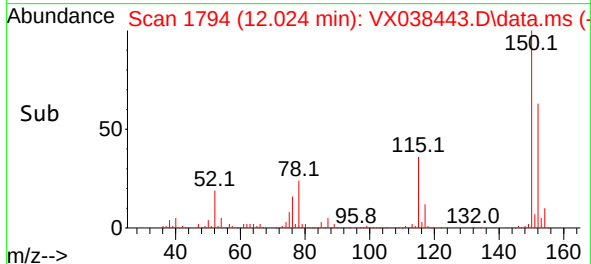
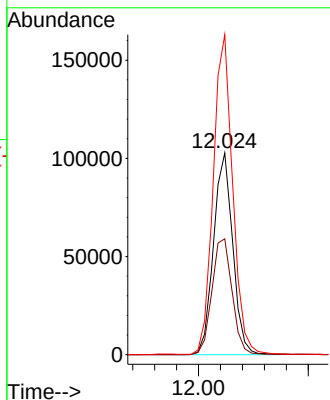
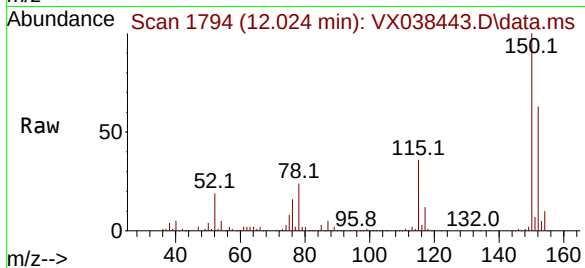




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX038443.D
 Acq: 23 Oct 2023 19:19

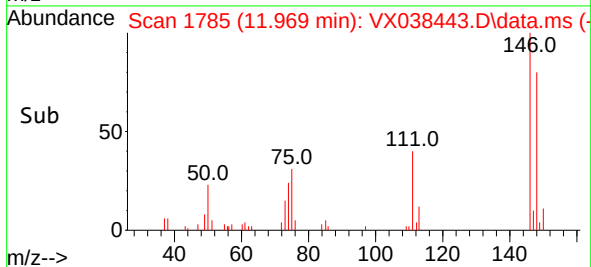
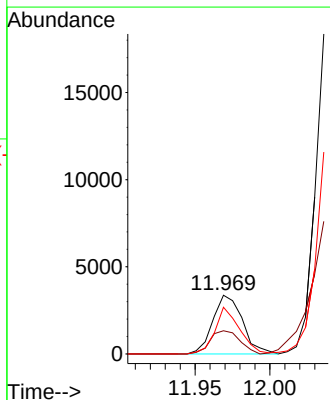
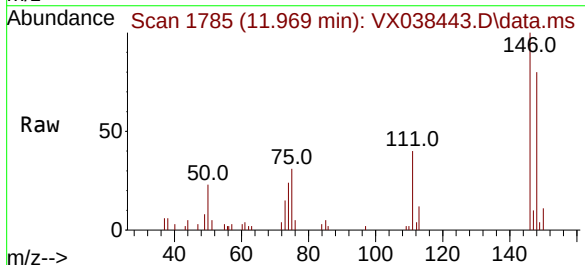
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 MSVOA_X
 ClientSampleId :
 GW-26-23-26

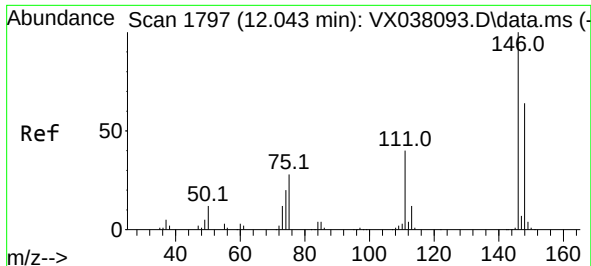
Tgt Ion:152 Resp: 125387
 Ion Ratio Lower Upper
 152 100
 115 60.3 43.3 129.9
 150 159.8 0.0 345.0



#87
 1,3-Dichlorobenzene
 Concen: 1.125 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. -0.000 min
 Lab File: VX038443.D
 Acq: 23 Oct 2023 19:19

Tgt Ion:146 Resp: 4639
 Ion Ratio Lower Upper
 146 100
 111 39.6 22.1 66.1
 148 66.2 31.8 95.3

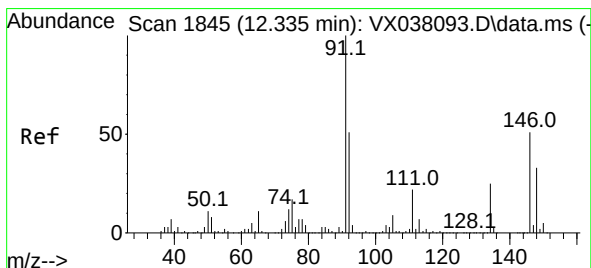
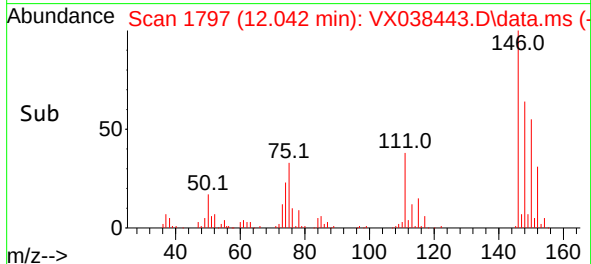
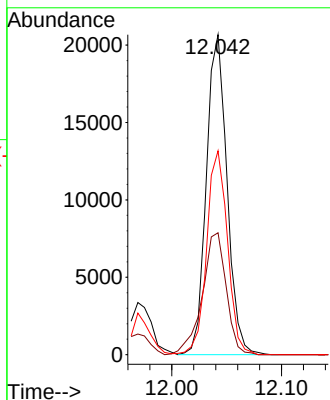
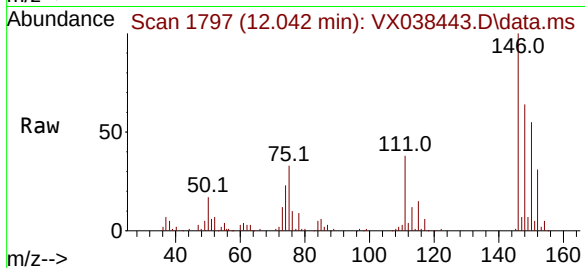




#88
1,4-Dichlorobenzene
Concen: 6.426 ug/l
RT: 12.042 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX038443.D
Acq: 23 Oct 2023 19:19

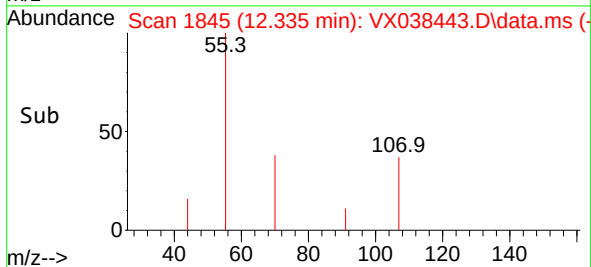
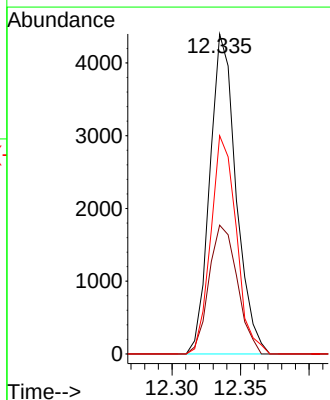
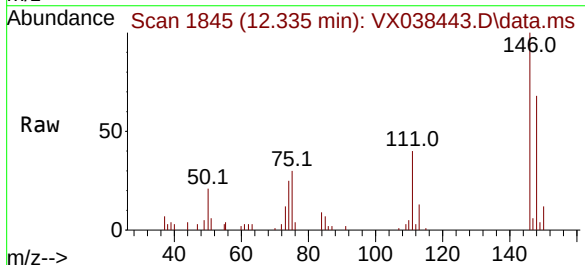
Instrument :
MSVOA_X
ClientSampleId :
GW-26-23-26

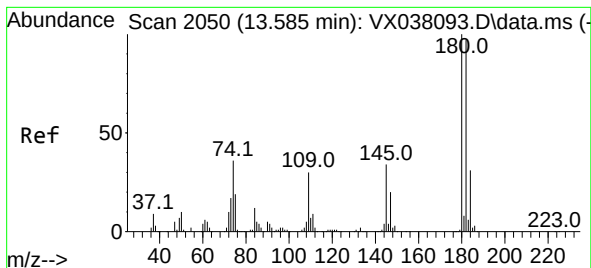
Tgt Ion:146 Resp: 27050
Ion Ratio Lower Upper
146 100
111 44.3 21.3 63.7
148 64.4 31.8 95.4



#91
1,2-Dichlorobenzene
Concen: 1.479 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX038443.D
Acq: 23 Oct 2023 19:19

Tgt Ion:146 Resp: 5864
Ion Ratio Lower Upper
146 100
111 43.3 22.4 67.0
148 66.3 31.6 95.0





#93

1,2,4-Trichlorobenzene

Concen: 407.726 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX038443.D

Acq: 23 Oct 2023 19:19

Instrument :

MSVOA_X

ClientSampleId :

GW-26-23-26

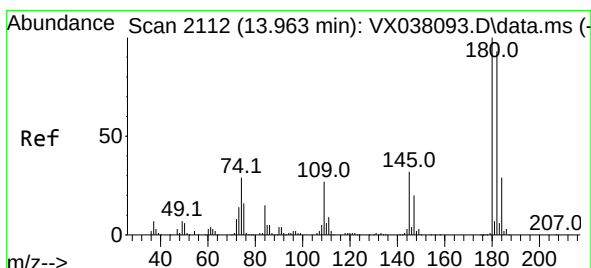
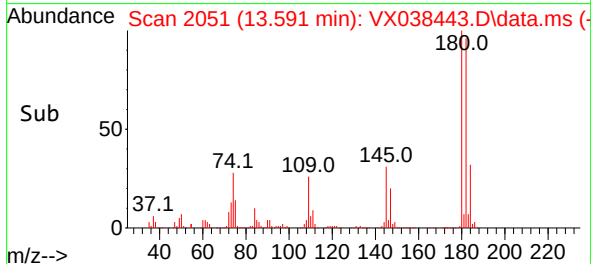
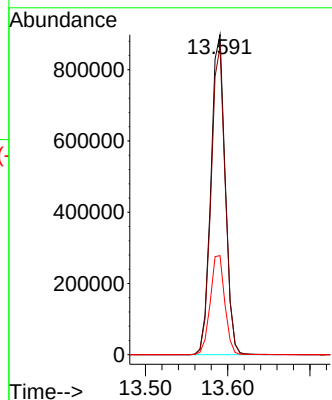
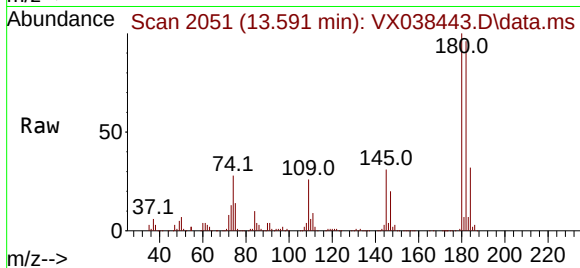
Tgt Ion:180 Resp: 1083910

Ion Ratio Lower Upper

180 100

182 95.5 48.3 144.8

145 31.6 18.0 54.0



#96

1,2,3-Trichlorobenzene

Concen: 100.609 ug/l

RT: 13.962 min Scan# 2112

Delta R.T. -0.001 min

Lab File: VX038443.D

Acq: 23 Oct 2023 19:19

Tgt Ion:180 Resp: 258975

Ion Ratio Lower Upper

180 100

182 96.2 46.9 140.6

145 33.2 17.8 53.5

