

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032323\
 Data File : VW030307.D
 Acq On : 23 Mar 2023 13:45
 Operator : SY/MD
 Sample : 02041-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB956

Quant Time: Mar 24 02:51:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 24 02:42:05 2023
 Response via : Initial Calibration

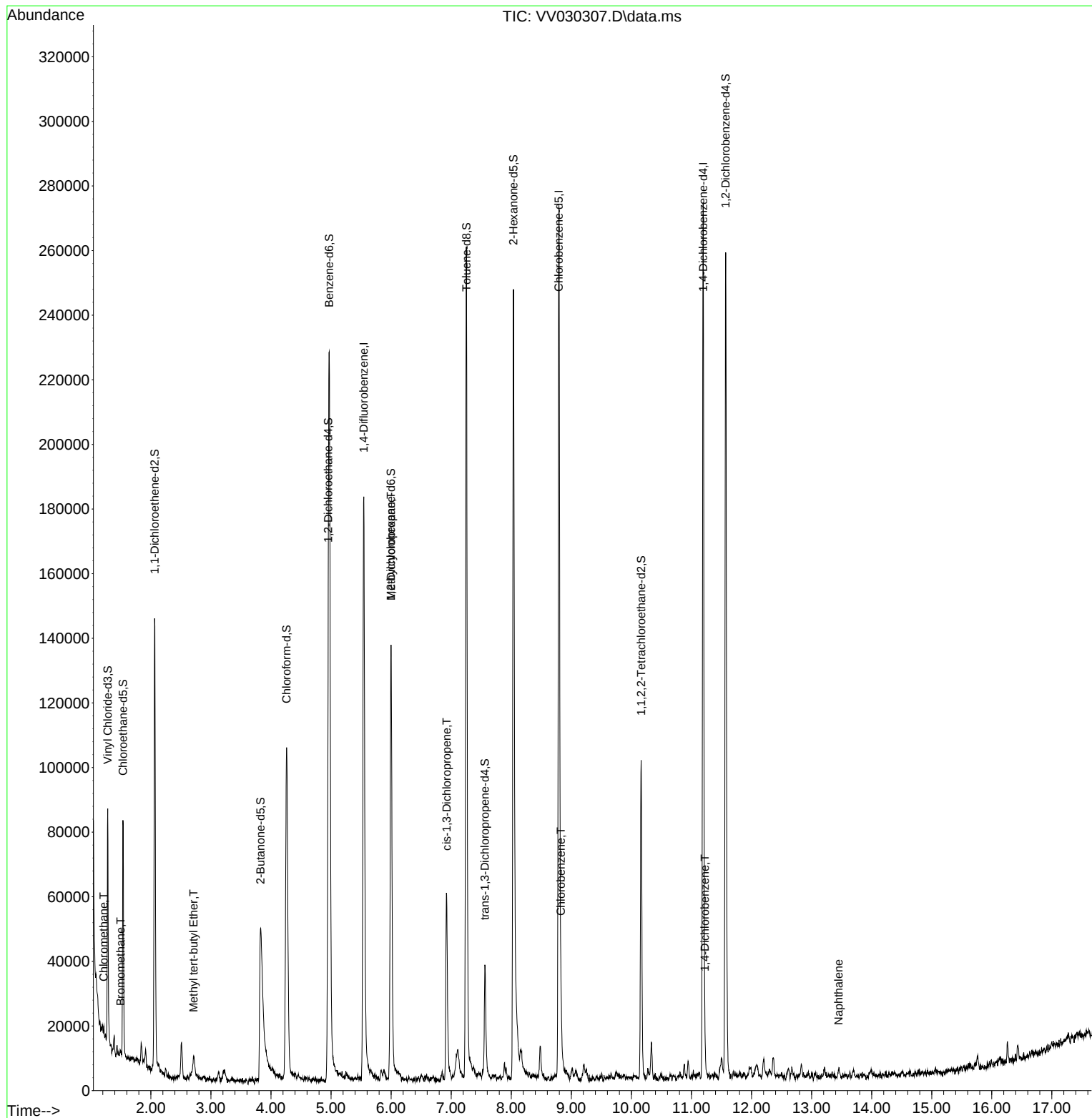
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	152789	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	146297	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	70015	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	47088	4.653	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.000%	
7) Chloroethane-d5	1.535	69	45012	4.584	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.600%	
11) 1,1-Dichloroethene-d2	2.063	63	75471	3.143	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	62.800%	
20) 2-Butanone-d5	3.825	46	116557	44.563	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	89.120%	
24) Chloroform-d	4.259	84	109594	4.475	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.400%	
26) 1,2-Dichloroethane-d4	4.953	65	55317	4.787	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.800%	
32) Benzene-d6	4.969	84	201227	4.881	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.600%	
36) 1,2-Dichloropropane-d6	5.998	67	63902	4.951	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.000%	
41) Toluene-d8	7.252	98	169416	4.475	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.600%	
43) trans-1,3-Dichloroprop...	7.561	79	21936	4.514	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.200%	
46) 2-Hexanone-d5	8.037	63	93390	47.827	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.660%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	45737	4.496	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.000%	
66) 1,2-Dichlorobenzene-d4	11.570	152	64271	5.136	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.800%	
Target Compounds						
3) Chloromethane	1.217	50	3045	0.124	ug/L	99
6) Bromomethane	1.494	94	511	0.100	ug/L	90
17) Methyl tert-butyl Ether	2.712	73	5357	0.198	ug/L #	80
35) Methylcyclohexane	5.998	83	15165	0.689	ug/L #	17
39) cis-1,3-Dichloropropene	6.924	75	2033	0.108	ug/L #	81
51) Chlorobenzene	8.824	112	11428	0.322	ug/L	96
65) 1,4-Dichlorobenzene	11.223	146	2155	0.083	ug/L	93
71) Naphthalene	13.451	128	1650	0.075	ug/L #	92

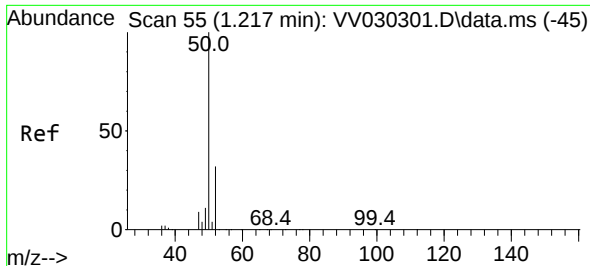
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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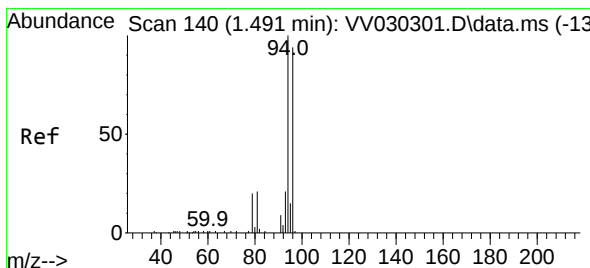
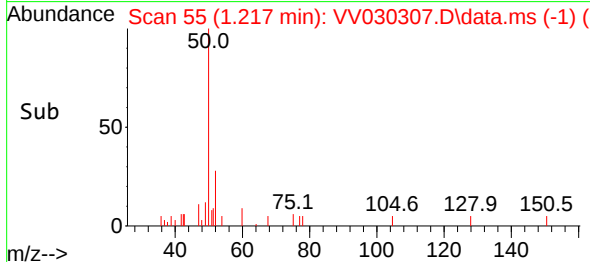
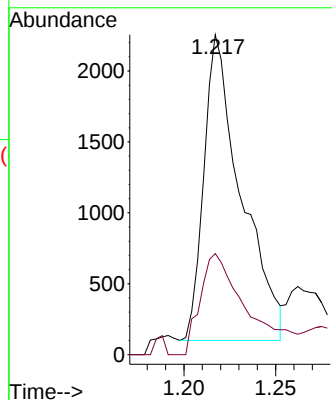
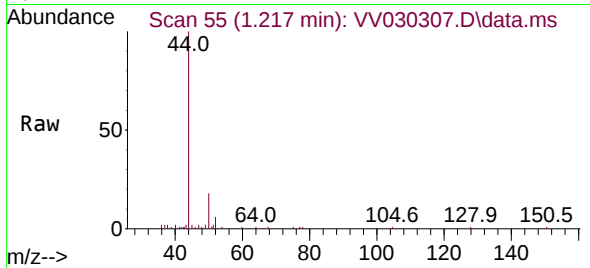




#3
Chloromethane
Concen: 0.124 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030307.D
Acq: 23 Mar 2023 13:45

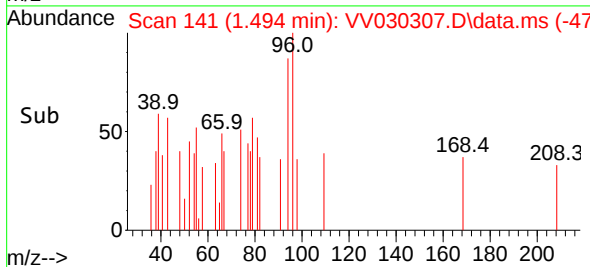
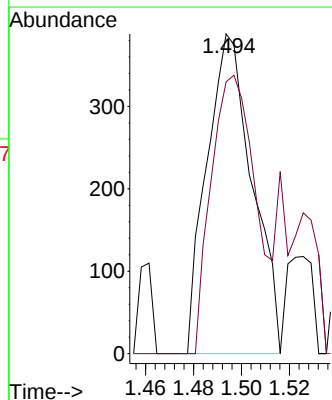
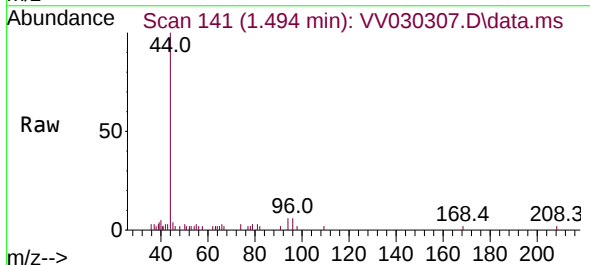
Instrument :
MSVOA_V
ClientSampleId :
CB956

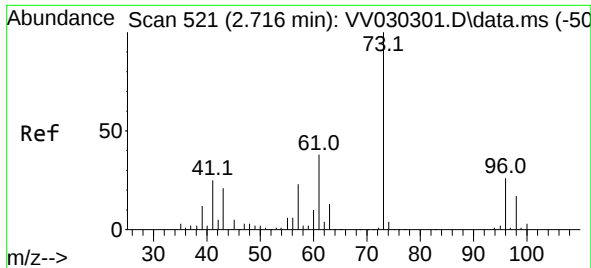
Tgt Ion: 50 Resp: 3045
Ion Ratio Lower Upper
50 100
52 31.6 22.3 41.5



#6
Bromomethane
Concen: 0.100 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV030307.D
Acq: 23 Mar 2023 13:45

Tgt Ion: 94 Resp: 511
Ion Ratio Lower Upper
94 100
96 85.1 66.1 122.7





#17

Methyl tert-butyl Ether

Concen: 0.198 ug/L

RT: 2.712 min Scan# 51

Delta R.T. -0.003 min

Lab File: VV030307.D

Acq: 23 Mar 2023 13:45

Instrument :

MSVOA_V

ClientSampleId :

CB956

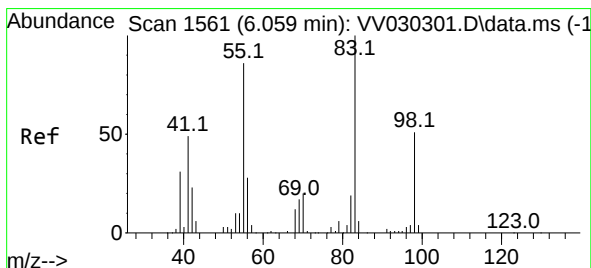
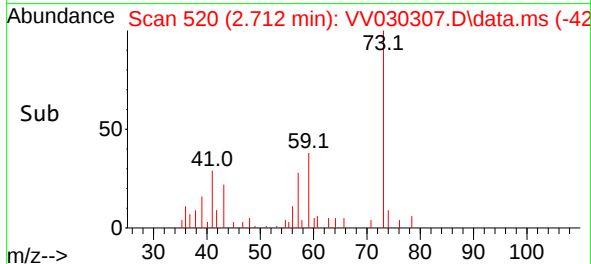
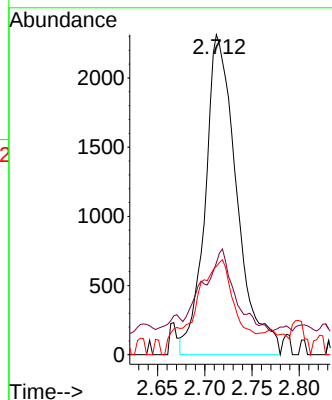
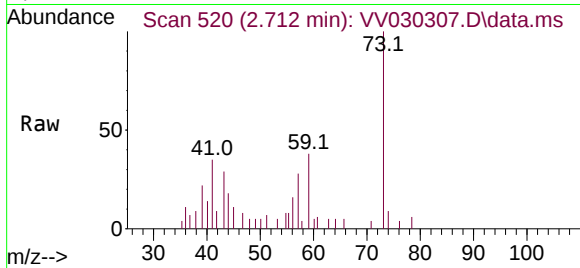
Tgt Ion: 73 Resp: 5357

Ion Ratio Lower Upper

73 100

43 18.8 17.4 26.2

57 38.7 18.3 27.5#



#35

Methylcyclohexane

Concen: 0.689 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.061 min

Lab File: VV030307.D

Acq: 23 Mar 2023 13:45

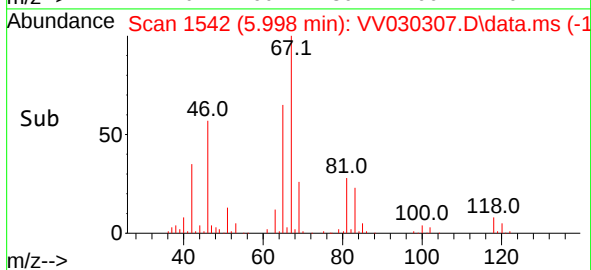
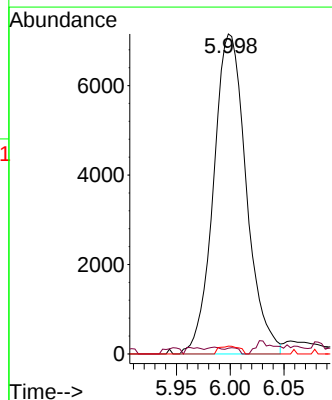
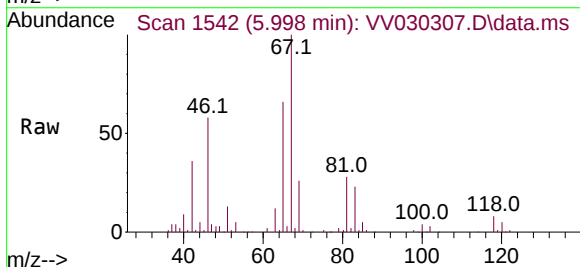
Tgt Ion: 83 Resp: 15165

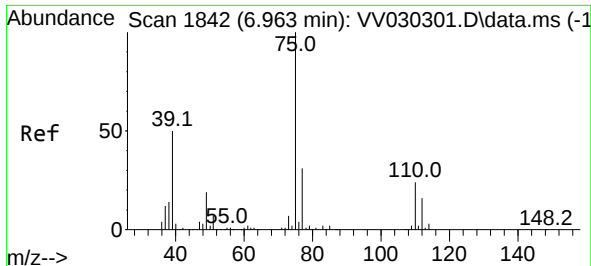
Ion Ratio Lower Upper

83 100

55 0.6 66.6 100.0#

98 1.5 38.6 58.0#

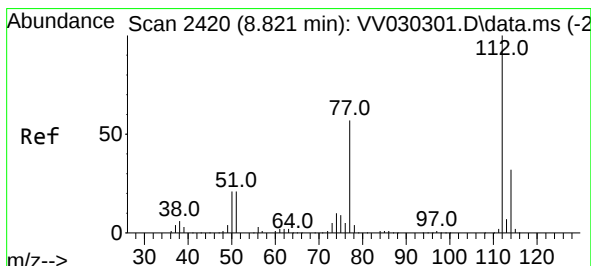
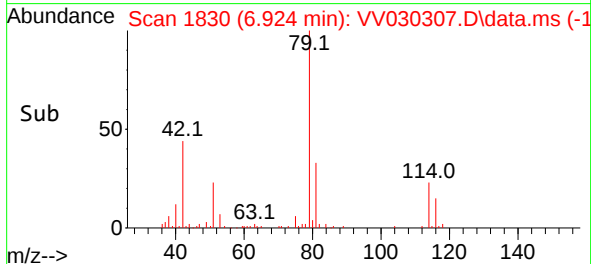
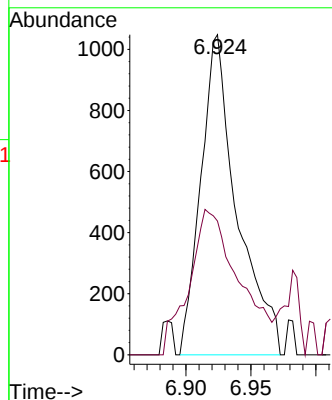
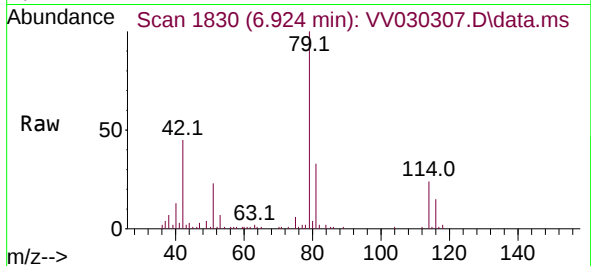




#39
cis-1,3-Dichloropropene
Concen: 0.108 ug/L
RT: 6.924 min Scan# 11
Delta R.T. -0.039 min
Lab File: VV030307.D
Acq: 23 Mar 2023 13:45

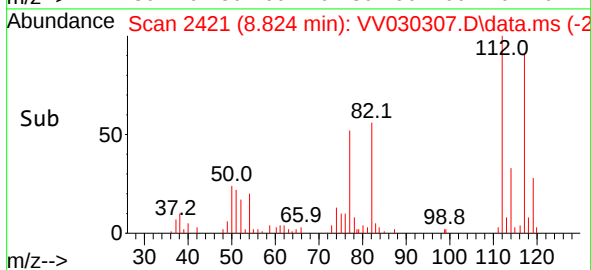
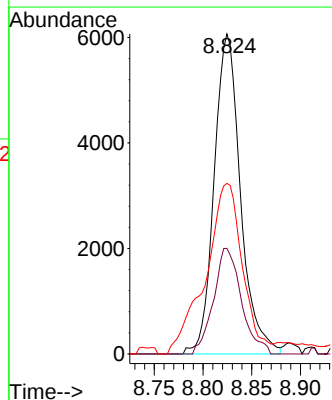
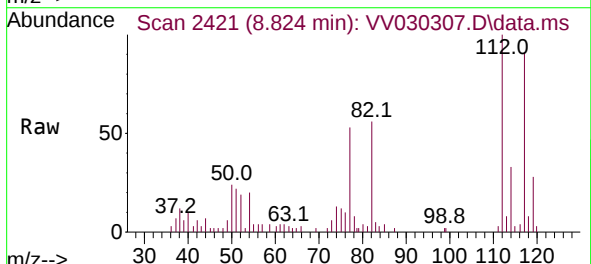
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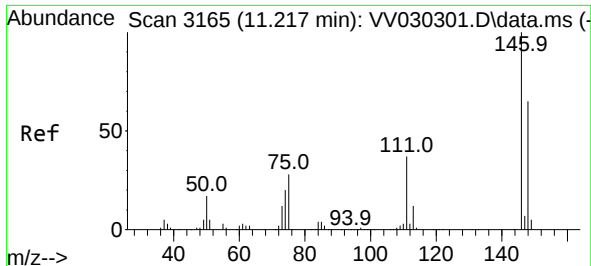
Tgt Ion: 75 Resp: 2033
Ion Ratio Lower Upper
75 100
77 41.8 22.0 41.0#



#51
Chlorobenzene
Concen: 0.322 ug/L
RT: 8.824 min Scan# 2421
Delta R.T. 0.003 min
Lab File: VV030307.D
Acq: 23 Mar 2023 13:45

Tgt Ion: 112 Resp: 11428
Ion Ratio Lower Upper
112 100
114 33.0 22.4 41.6
77 53.3 45.9 68.9

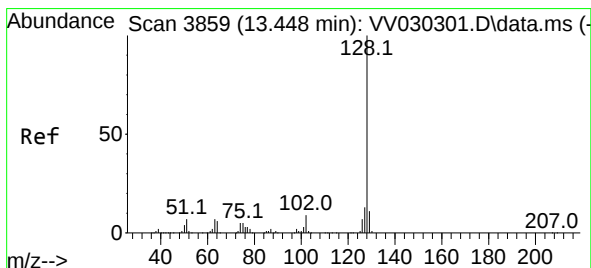
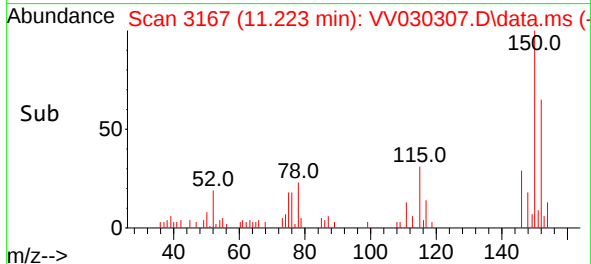
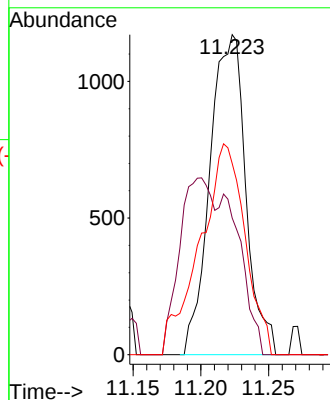
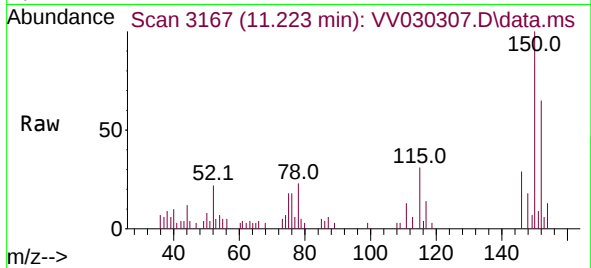




#65
1,4-Dichlorobenzene
Concen: 0.083 ug/L
RT: 11.223 min Scan# 3167
Delta R.T. 0.006 min
Lab File: VV030307.D
Acq: 23 Mar 2023 13:45

Instrument :
MSVOA_V
ClientSampleId :
CB956

Tgt Ion:146 Resp: 2155
Ion Ratio Lower Upper
146 100
111 42.7 26.0 48.4
148 59.8 45.2 84.0



#71
Naphthalene
Concen: 0.075 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.003 min
Lab File: VV030307.D
Acq: 23 Mar 2023 13:45

Tgt Ion:128 Resp: 1650
Ion Ratio Lower Upper
128 100
129 14.5 8.9 13.3#
127 10.7 10.8 16.2#

