

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031323\
 Data File : VW030181.D
 Acq On : 13 Mar 2023 17:04
 Operator : SY/MD
 Sample : 01884-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB907

Quant Time: Mar 14 03:47:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 14 03:44:35 2023
 Response via : Initial Calibration

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

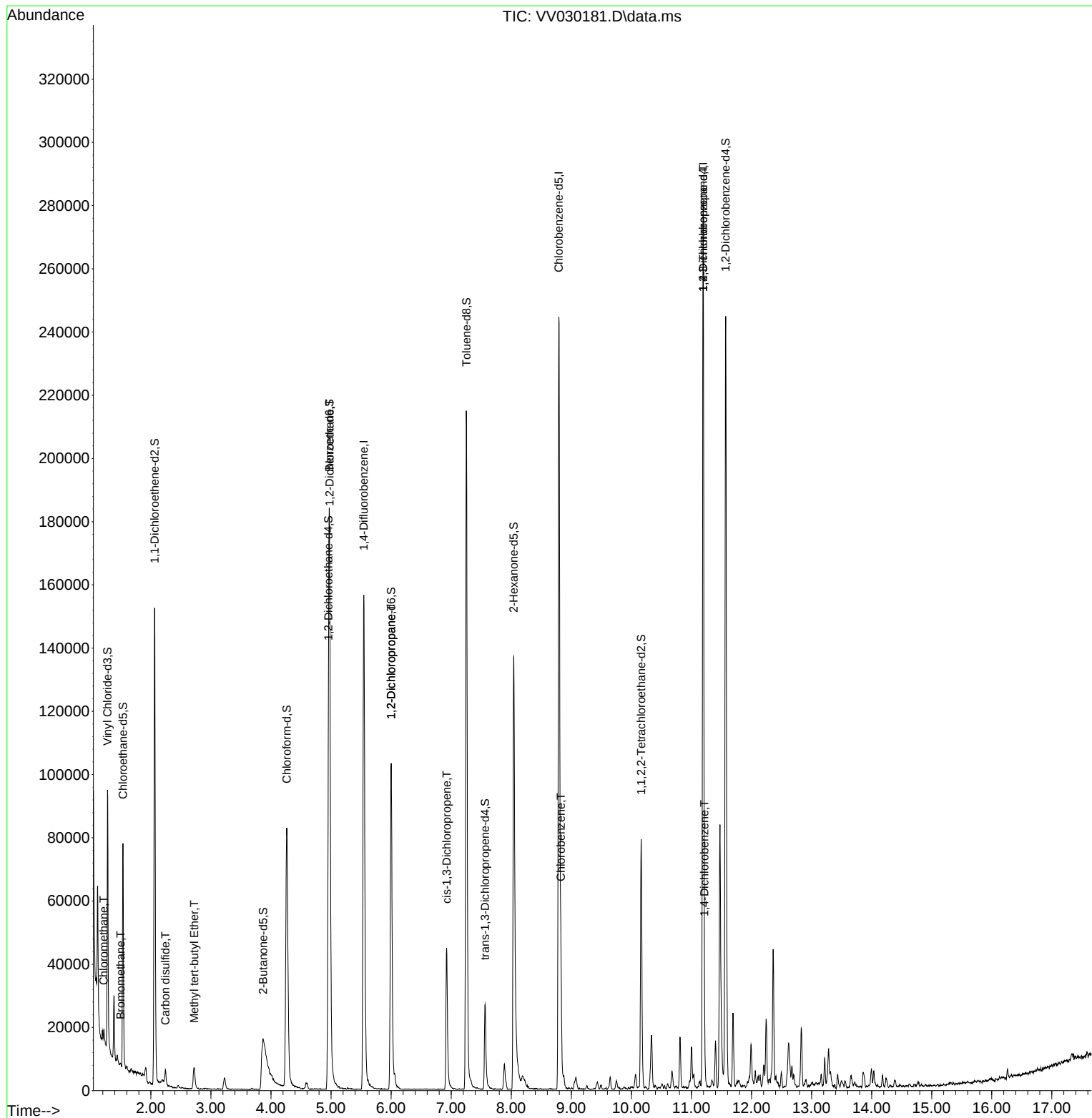
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	143811	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	146546	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	78147	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	54941	5.904	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.000%
7) Chloroethane-d5	1.535	69	46254	5.295	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.000%
11) 1,1-Dichloroethene-d2	2.063	63	78478	4.102	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	3.870	46	34859	20.319	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	40.640%
24) Chloroform-d	4.262	84	94566	4.975	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	4.957	65	40112	5.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	4.973	84	179560	4.554	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.001	67	55488	4.677	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.252	98	156666	4.191	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	7.564	79	17756	4.375	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.040	63	62621	37.294	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.580%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	39213	4.646	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	11.570	152	67154	5.079	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	3664	0.199	ug/L	95
6) Bromomethane	1.497	94	254	0.115	ug/L	96
14) Carbon disulfide	2.243	76	5161	0.200	ug/L #	94
17) Methyl tert-butyl Ether	2.722	73	7522	0.399	ug/L #	90
27) 1,2-Dichloroethane	4.976	62	892	0.096	ug/L #	71
37) 1,2-Dichloropropane	6.001	63	5688	0.559	ug/L #	86
39) cis-1,3-Dichloropropene	6.924	75	1230	0.083	ug/L #	75
51) Chlorobenzene	8.825	112	23525	0.805	ug/L	98
61) 1,2,3-Trichloropropane	11.194	75	8522	1.629	ug/L #	66
65) 1,4-Dichlorobenzene	11.217	146	1983	0.084	ug/L	97

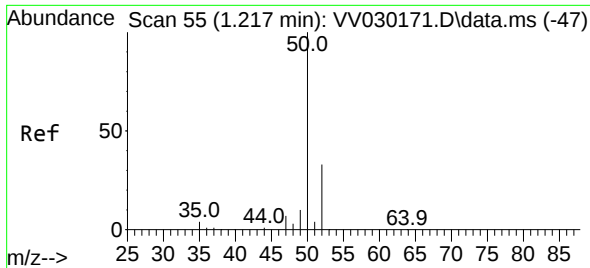
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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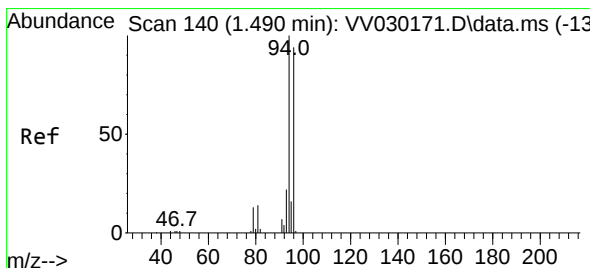
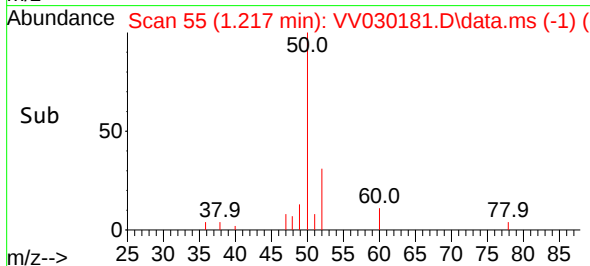
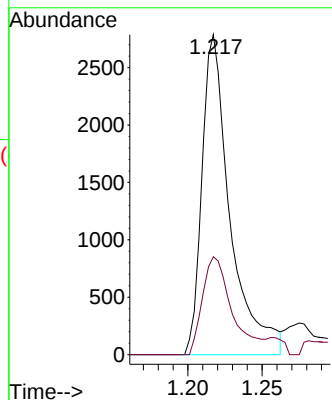
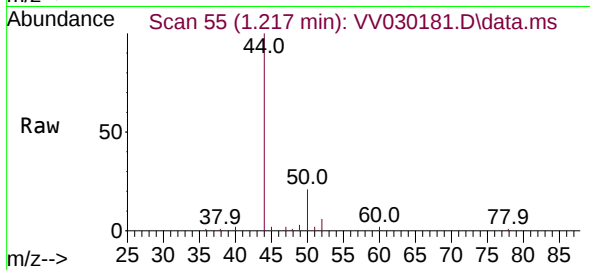




#3
Chloromethane
Concen: 0.199 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030181.D
Acq: 13 Mar 2023 17:04

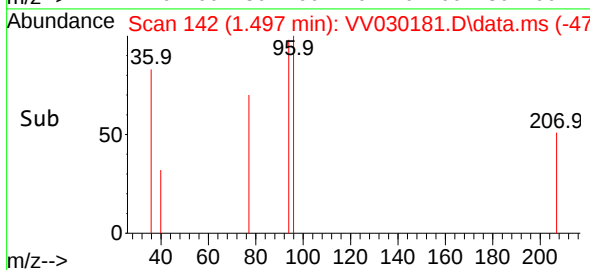
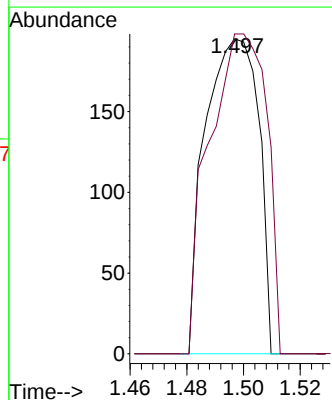
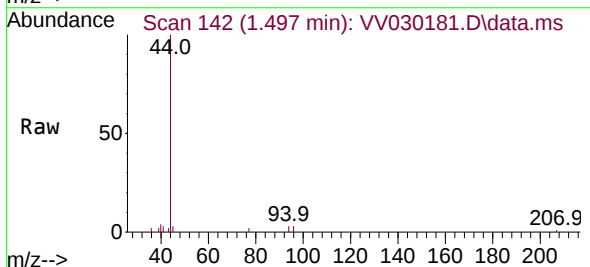
Instrument :
MSVOA_V
ClientSampleId :
CB907

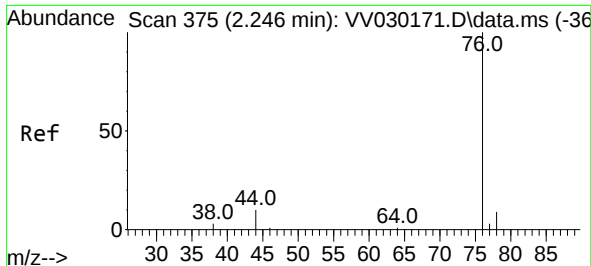
Tgt Ion: 50 Resp: 3664
Ion Ratio Lower Upper
50 100
52 30.6 23.6 43.8



#6
Bromomethane
Concen: 0.115 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.006 min
Lab File: VV030181.D
Acq: 13 Mar 2023 17:04

Tgt Ion: 94 Resp: 254
Ion Ratio Lower Upper
94 100
96 101.5 68.4 127.0

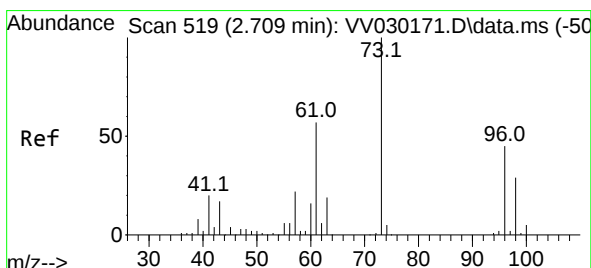
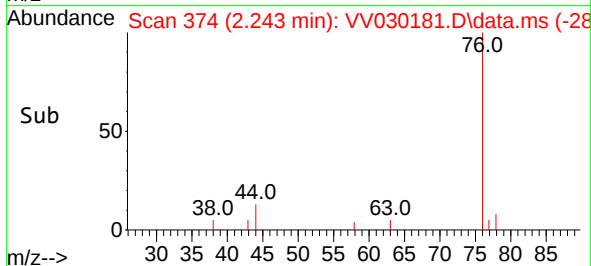
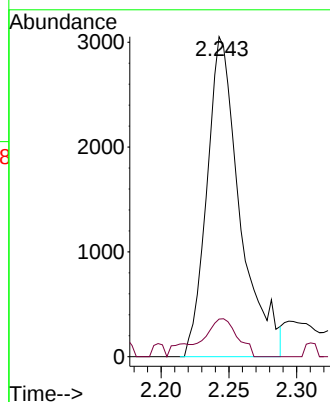
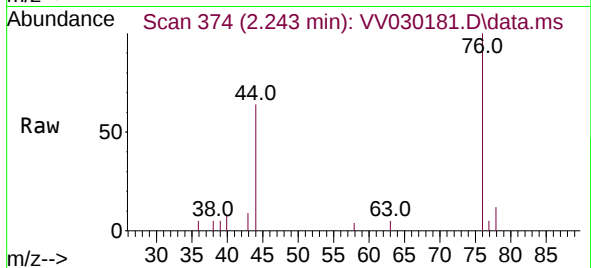




#14
Carbon disulfide
Concen: 0.200 ug/L
RT: 2.243 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV030181.D
Acq: 13 Mar 2023 17:04

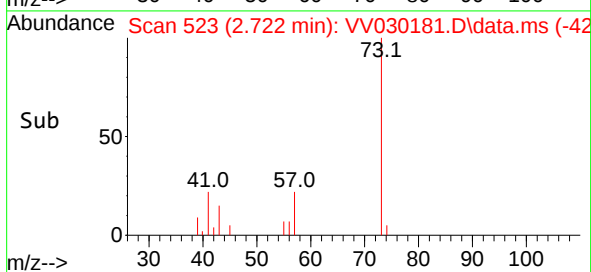
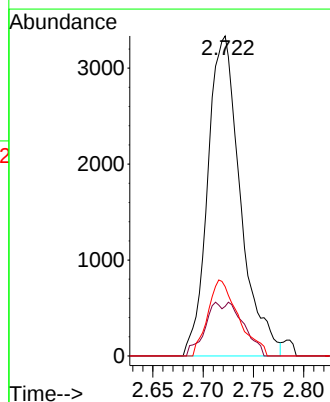
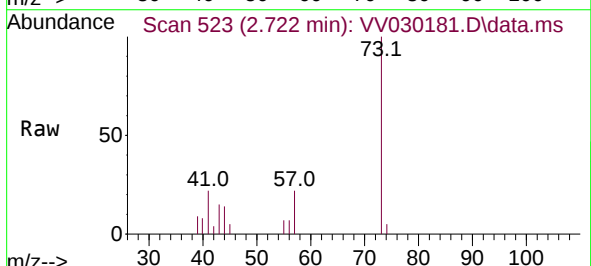
Instrument :
MSVOA_V
ClientSampleId :
CB907

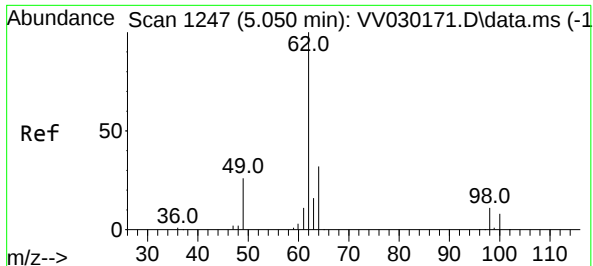
Tgt Ion: 76 Resp: 5161
Ion Ratio Lower Upper
76 100
78 11.7 7.7 11.5#



#17
Methyl tert-butyl Ether
Concen: 0.399 ug/L
RT: 2.722 min Scan# 523
Delta R.T. 0.013 min
Lab File: VV030181.D
Acq: 13 Mar 2023 17:04

Tgt Ion: 73 Resp: 7522
Ion Ratio Lower Upper
73 100
43 9.1 13.4 20.2#
57 22.3 16.8 25.2

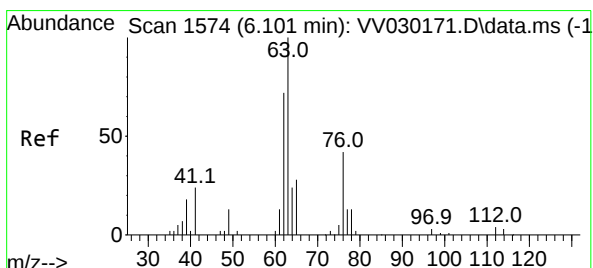
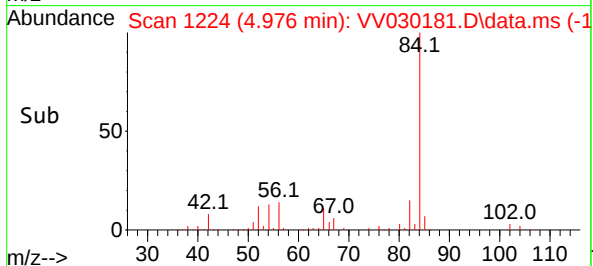
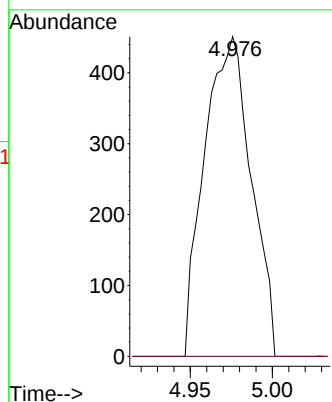
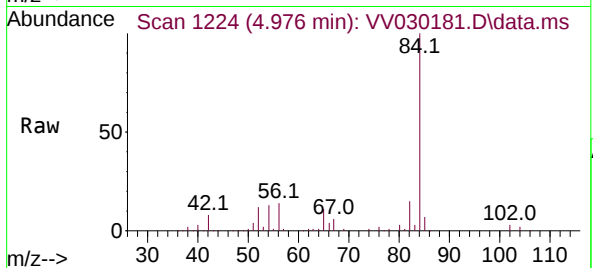




#27
1,2-Dichloroethane
Concen: 0.096 ug/L
RT: 4.976 min Scan# 11
Delta R.T. -0.074 min
Lab File: VV030181.D
Acq: 13 Mar 2023 17:04

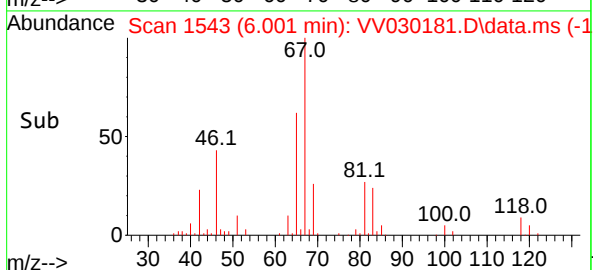
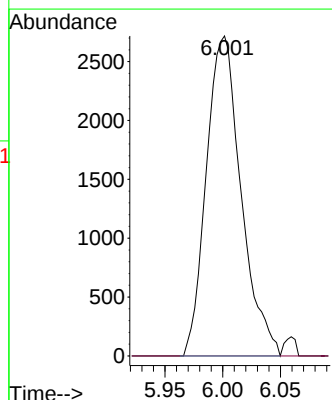
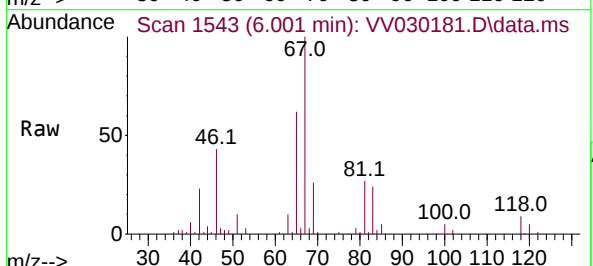
Instrument :
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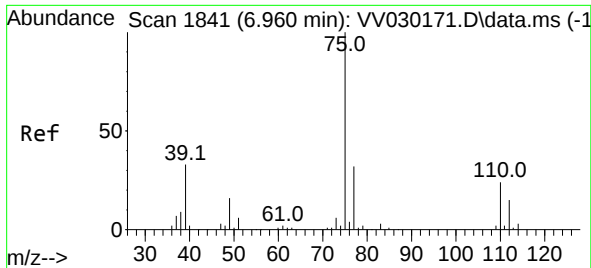
Tgt Ion: 62 Resp: 892
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.4#



#37
1,2-Dichloropropane
Concen: 0.559 ug/L
RT: 6.001 min Scan# 1543
Delta R.T. -0.100 min
Lab File: VV030181.D
Acq: 13 Mar 2023 17:04

Tgt Ion: 63 Resp: 5688
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 6.924 min Scan# 1830

Delta R.T. -0.035 min

Lab File: VV030181.D

Acq: 13 Mar 2023 17:04

Instrument :

MSVOA_V

ClientSampleId :

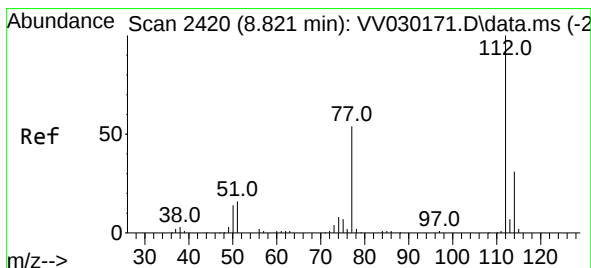
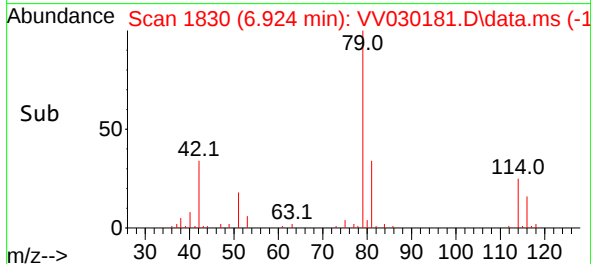
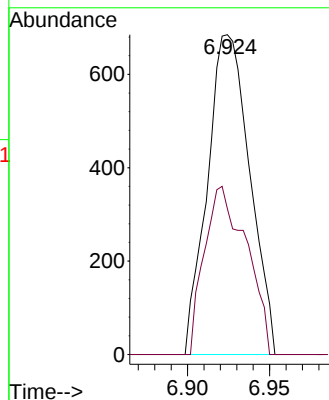
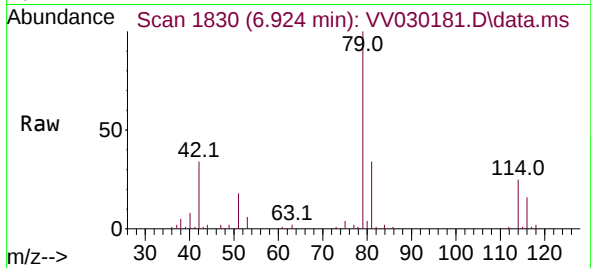
CB907

Tgt Ion: 75 Resp: 1230

Ion Ratio Lower Upper

75 100

77 45.5 22.3 41.3#



#51

Chlorobenzene

Concen: 0.805 ug/L

RT: 8.825 min Scan# 2421

Delta R.T. 0.003 min

Lab File: VV030181.D

Acq: 13 Mar 2023 17:04

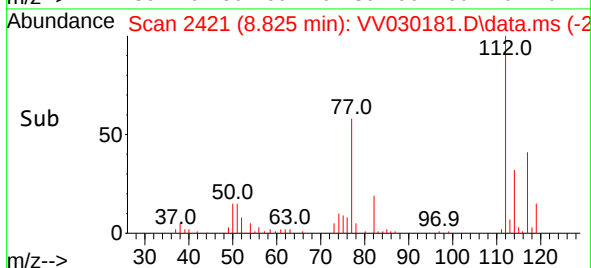
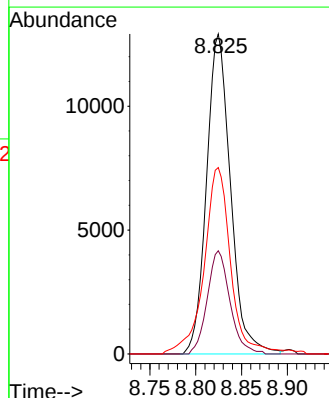
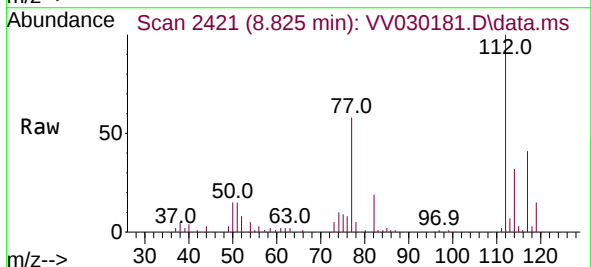
Tgt Ion: 112 Resp: 23525

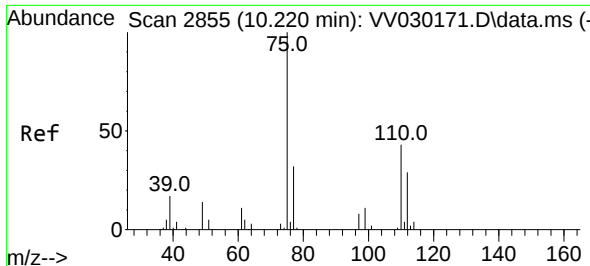
Ion Ratio Lower Upper

112 100

114 32.3 22.5 41.7

77 58.3 45.3 67.9





#61

1,2,3-Trichloropropane

Concen: 1.629 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.974 min

Lab File: VV030181.D

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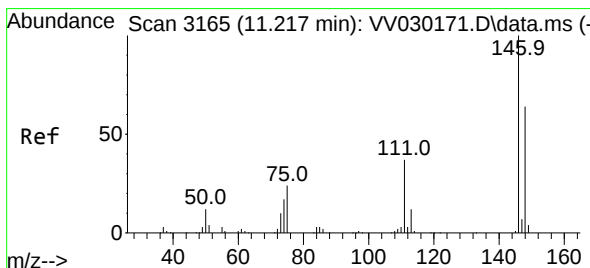
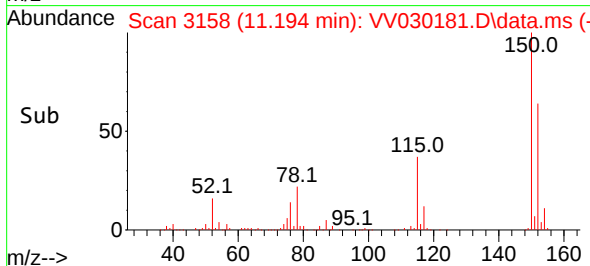
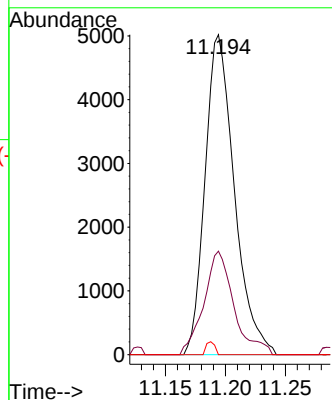
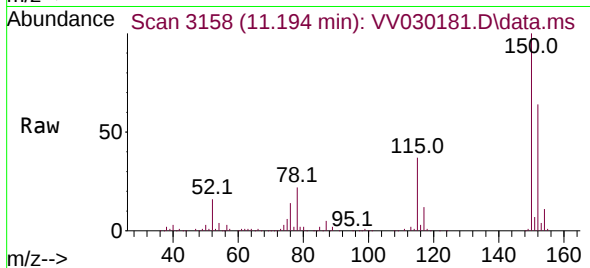
Tgt Ion: 75 Resp: 8522

Ion Ratio Lower Upper

75 100

77 33.0 26.5 39.7

110 1.2 31.8 47.6#



#65

1,4-Dichlorobenzene

Concen: 0.084 ug/L

RT: 11.217 min Scan# 3165

Delta R.T. -0.000 min

Lab File: VV030181.D

Acq: 13 Mar 2023 17:04

Tgt Ion: 146 Resp: 1983

Ion Ratio Lower Upper

146 100

111 40.7 27.4 51.0

148 65.0 44.1 81.9

