

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031323\
 Data File : VW030176.D
 Acq On : 13 Mar 2023 15:04
 Operator : SY/MD
 Sample : 01868-14DL 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BD6DL

Quant Time: Mar 14 03:46:13 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

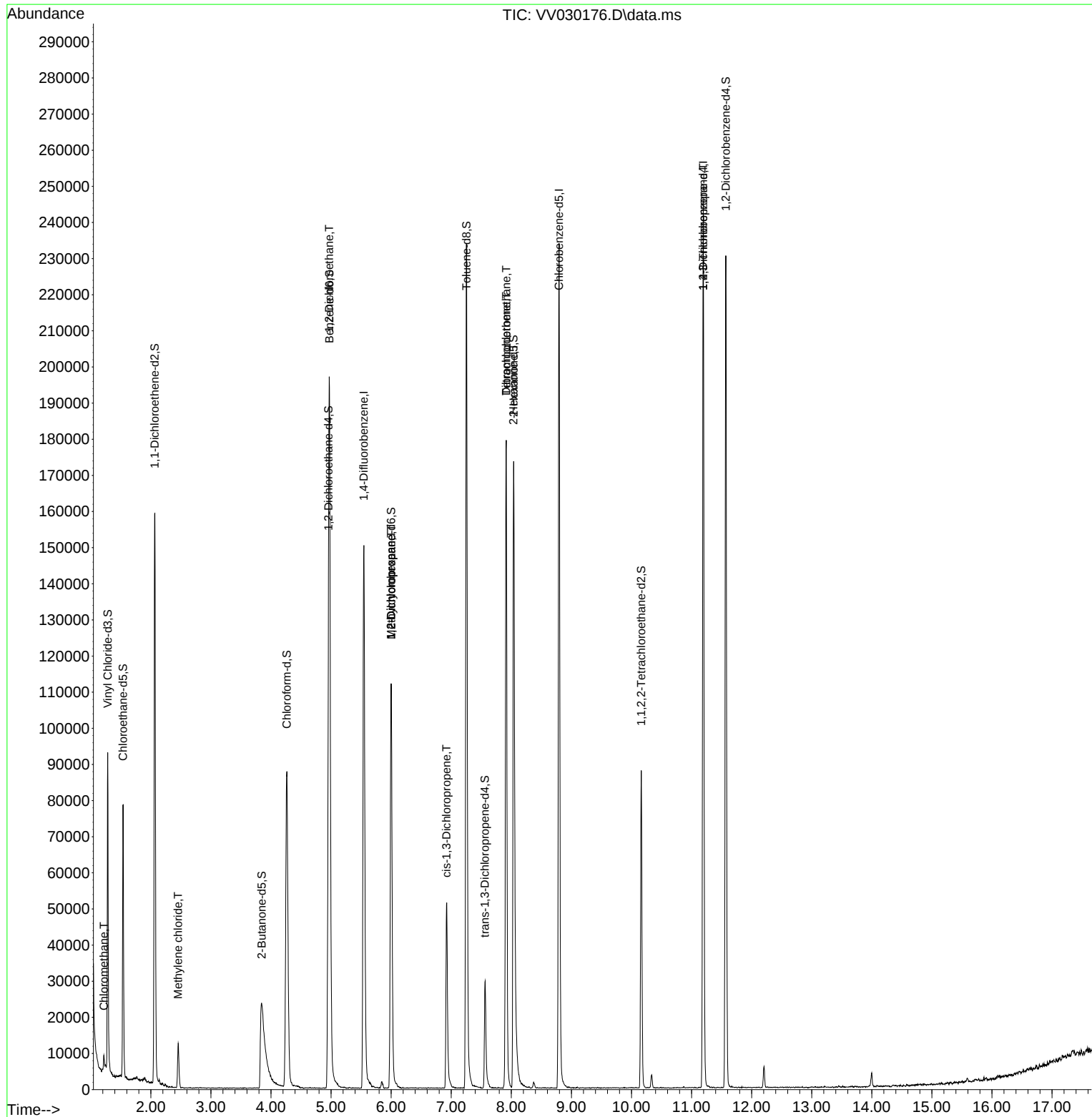
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	139463	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	141070	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	70481	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	58981	6.536	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	130.800%#	
7) Chloroethane-d5	1.536	69	49654	5.862	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	117.200%	
11) 1,1-Dichloroethene-d2	2.066	63	85036	4.584	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.600%	
20) 2-Butanone-d5	3.844	46	71855	43.189	ug/L	0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	86.380%	
24) Chloroform-d	4.262	84	102387	5.554	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	111.000%	
26) 1,2-Dichloroethane-d4	4.957	65	45267	6.015	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	120.400%	
32) Benzene-d6	4.973	84	194460	5.123	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.400%	
36) 1,2-Dichloropropane-d6	5.998	67	58246	5.101	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.000%	
41) Toluene-d8	7.252	98	168485	4.683	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.600%	
43) trans-1,3-Dichloroprop...	7.561	79	20889	5.347	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	107.000%	
46) 2-Hexanone-d5	8.037	63	74719	46.226	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.460%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	44261	5.448	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	109.000%	
66) 1,2-Dichlorobenzene-d4	11.570	152	64125	5.377	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.600%	
Target Compounds						
3) Chloromethane	1.217	50	2623	0.147	ug/L	93
16) Methylene chloride	2.455	84	5499	0.481	ug/L	95
27) 1,2-Dichloroethane	4.969	62	943	0.104	ug/L #	71
35) Methylcyclohexane	5.998	83	14763	0.904	ug/L #	20
37) 1,2-Dichloropropane	5.998	63	5983	0.610	ug/L #	86
39) cis-1,3-Dichloropropene	6.918	75	1354	0.094	ug/L	96
47) Tetrachloroethene	7.915	164	44101	4.759	ug/L	97
48) 2-Hexanone	8.040	43	8092	2.795	ug/L #	65
49) Dibromochloromethane	7.915	129	38329	4.670	ug/L #	10
61) 1,2,3-Trichloropropane	11.194	75	7284	1.544	ug/L #	65

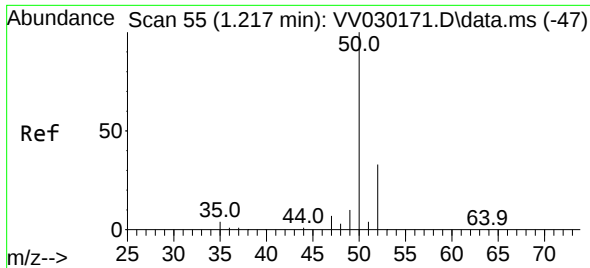
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031323\
Data File : VV030176.D
Acq On : 13 Mar 2023 15:04
Operator : SY/MD
Sample : 01868-14DL 200X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0BD6DL

Quant Time: Mar 14 03:46:13 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

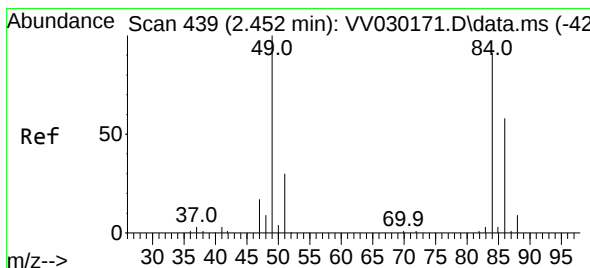
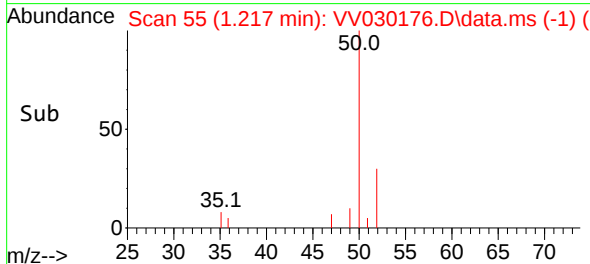
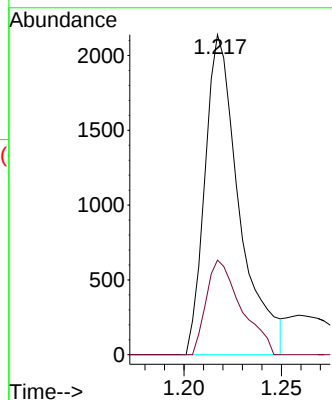
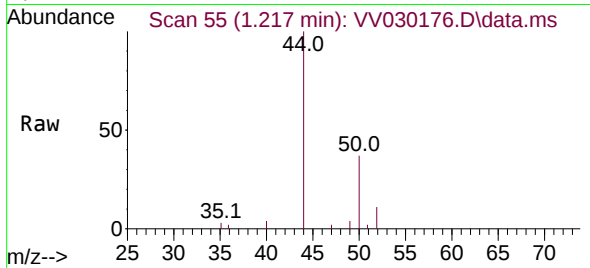




#3
Chloromethane
Concen: 0.147 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030176.D
Acq: 13 Mar 2023 15:04

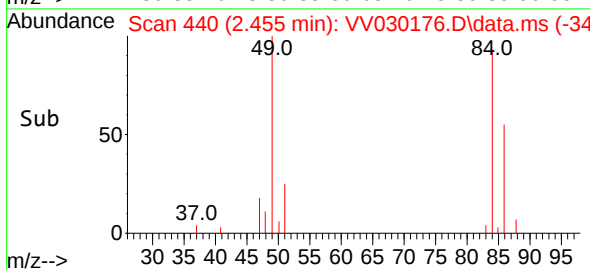
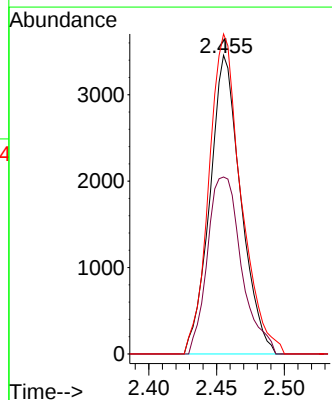
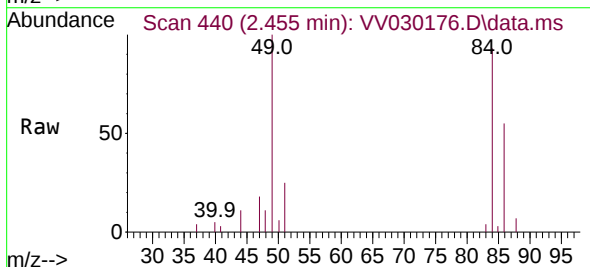
Instrument :
MSVOA_V
ClientSampleId :
C0BD6DL

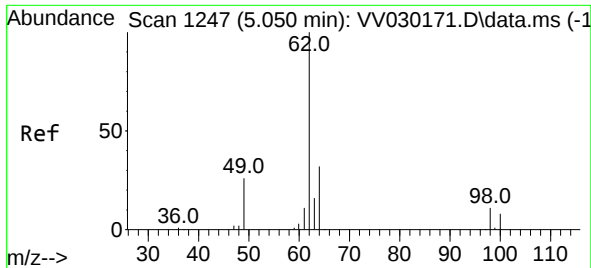
Tgt Ion: 50 Resp: 2623
Ion Ratio Lower Upper
50 100
52 29.5 23.6 43.8



#16
Methylene chloride
Concen: 0.481 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV030176.D
Acq: 13 Mar 2023 15:04

Tgt Ion: 84 Resp: 5499
Ion Ratio Lower Upper
84 100
86 59.2 44.7 83.1
49 107.1 78.8 146.3





#27

1,2-Dichloroethane

Concen: 0.104 ug/L

RT: 4.969 min Scan# 1

Delta R.T. -0.080 min

Lab File: VV030176.D

Acq: 13 Mar 2023 15:04

Instrument :

MSVOA_V

ClientSampleId :

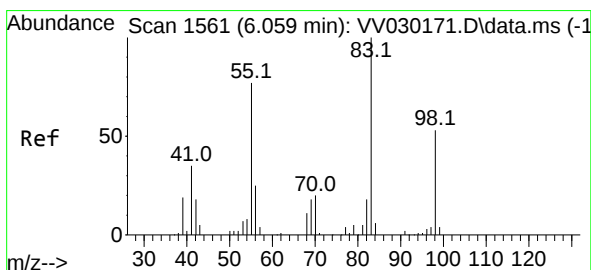
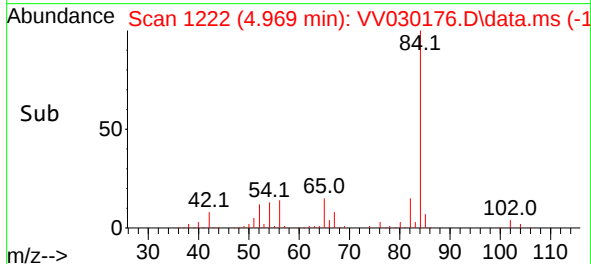
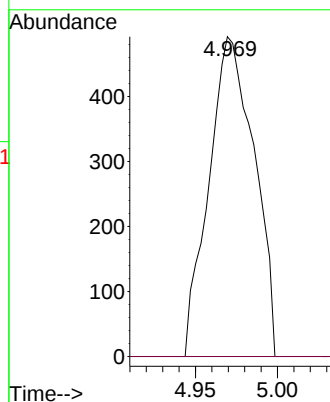
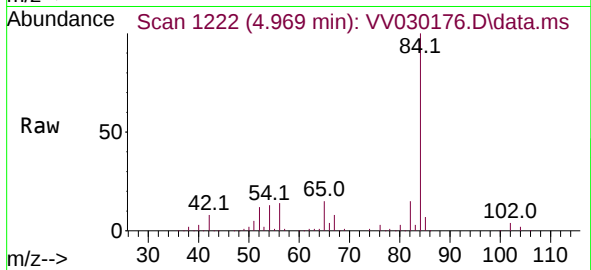
C0BD6DL

Tgt Ion: 62 Resp: 943

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#



#35

Methylcyclohexane

Concen: 0.904 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.061 min

Lab File: VV030176.D

Acq: 13 Mar 2023 15:04

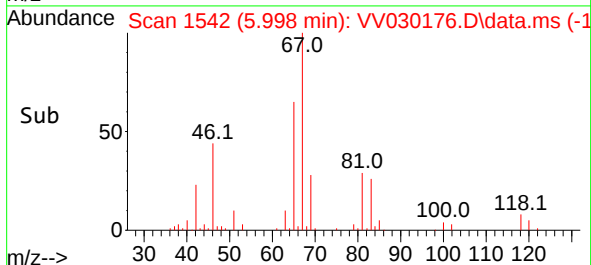
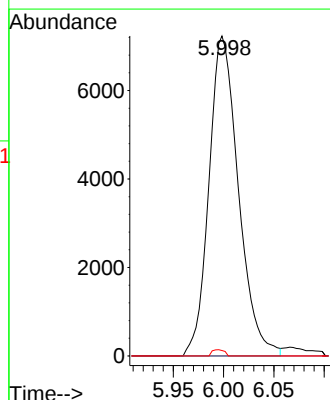
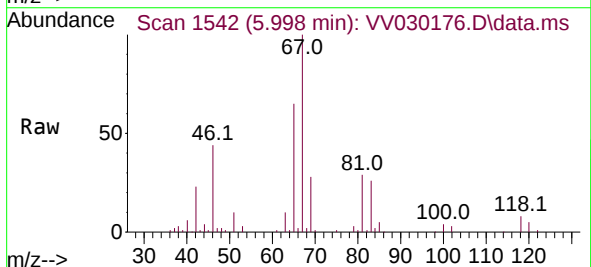
Tgt Ion: 83 Resp: 14763

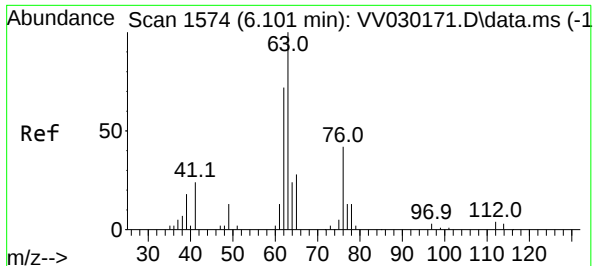
Ion Ratio Lower Upper

83 100

55 0.0 57.6 86.4#

98 0.8 38.8 58.2#





#37

1,2-Dichloropropane

Concen: 0.610 ug/L

RT: 5.998 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV030176.D

Acq: 13 Mar 2023 15:04

Instrument :

MSVOA_V

ClientSampleId :

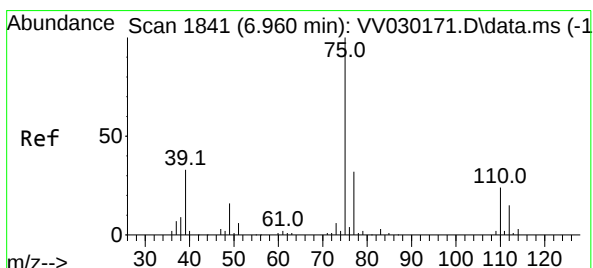
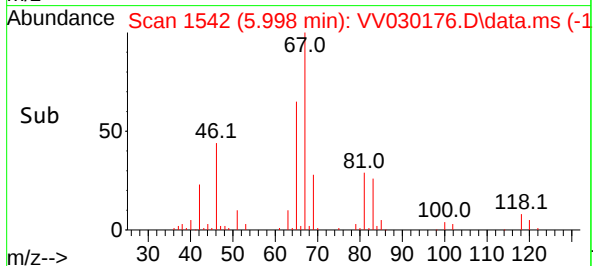
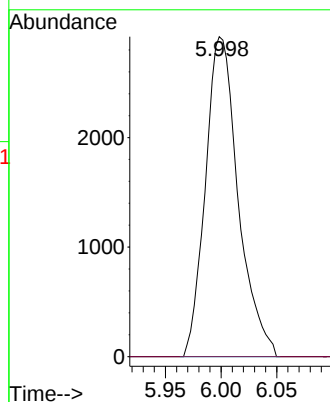
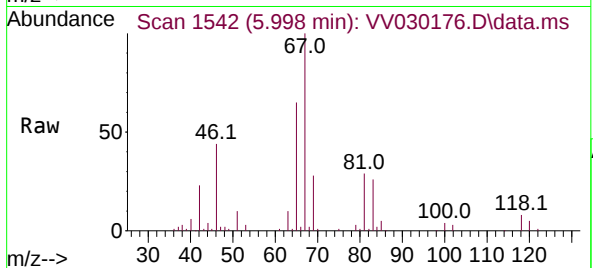
C0BD6DL

Tgt Ion: 63 Resp: 5983

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 6.918 min Scan# 1828

Delta R.T. -0.042 min

Lab File: VV030176.D

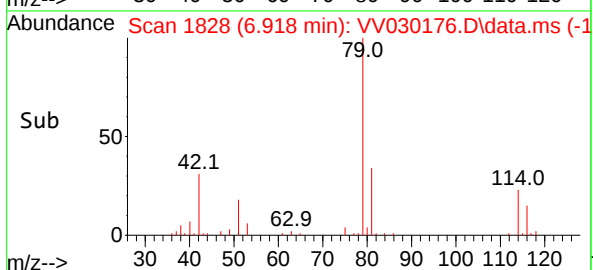
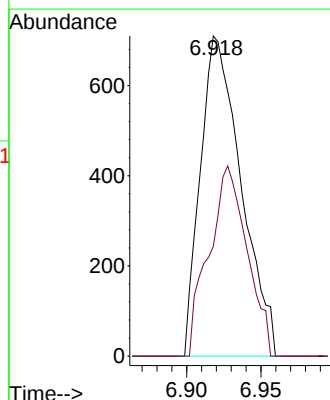
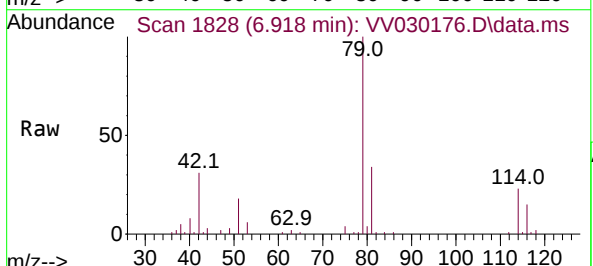
Acq: 13 Mar 2023 15:04

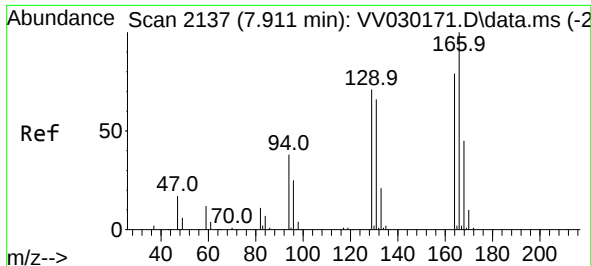
Tgt Ion: 75 Resp: 1354

Ion Ratio Lower Upper

75 100

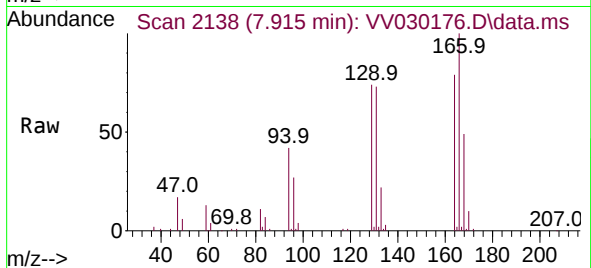
77 34.2 22.3 41.3



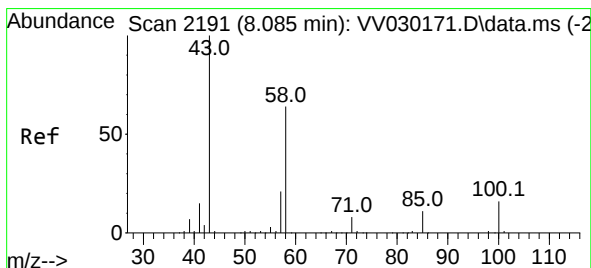
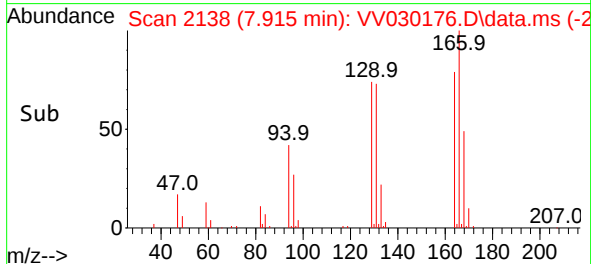
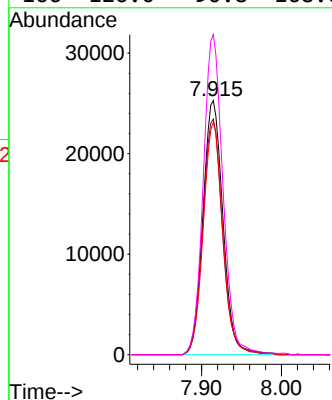


#47
Tetrachloroethene
Concen: 4.759 ug/L
RT: 7.915 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VV030176.D
Acq: 13 Mar 2023 15:04

Instrument :
MSVOA_V
ClientSampleId :
C0BD6DL

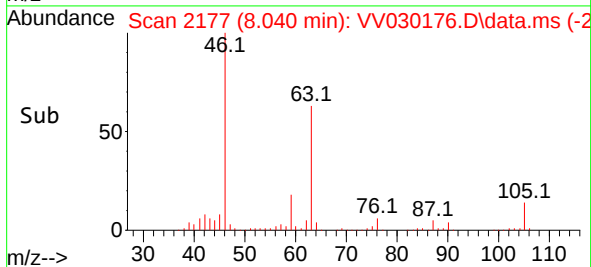
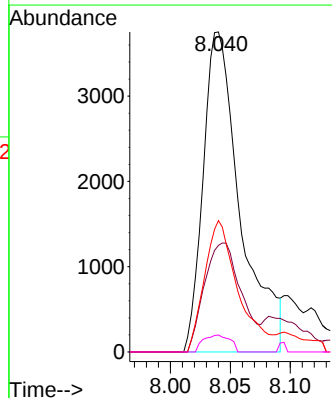
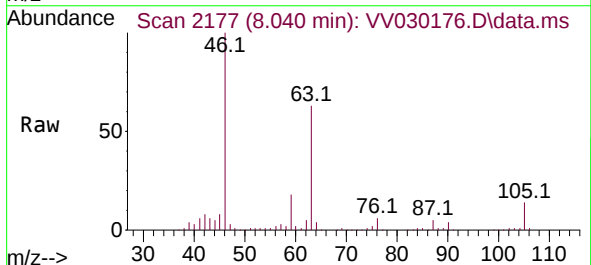


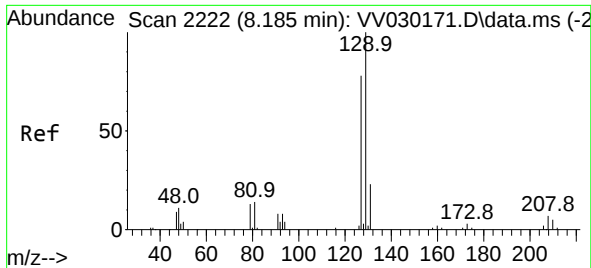
Tgt Ion:164 Resp: 44101
Ion Ratio Lower Upper
164 100
129 92.8 63.6 118.2
131 91.5 61.7 114.7
166 126.0 90.8 168.6



#48
2-Hexanone
Concen: 2.795 ug/L
RT: 8.040 min Scan# 2177
Delta R.T. -0.045 min
Lab File: VV030176.D
Acq: 13 Mar 2023 15:04

Tgt Ion: 43 Resp: 8092
Ion Ratio Lower Upper
43 100
58 34.3 49.8 74.8#
57 37.3 16.6 24.8#
100 3.8 11.5 17.3#

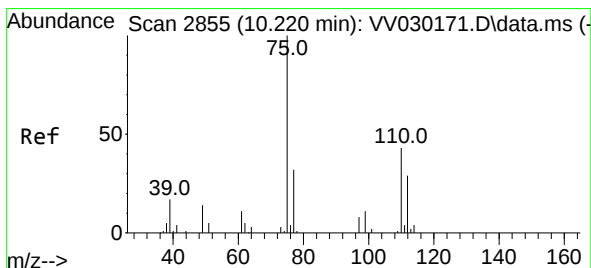
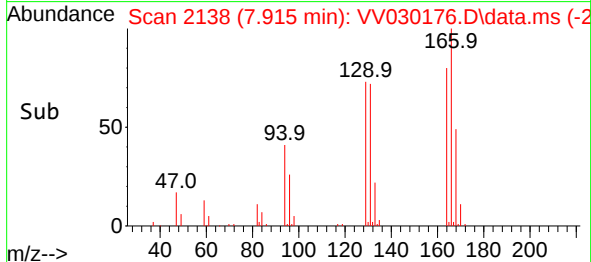
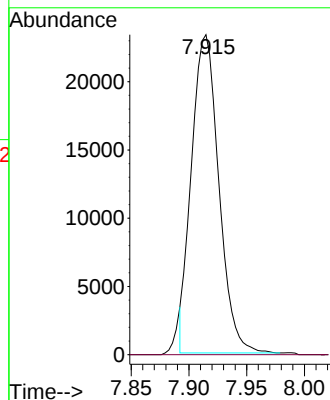
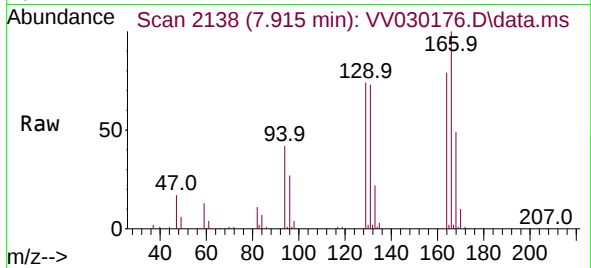




#49
Dibromochloromethane
Concen: 4.670 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. -0.270 min
Lab File: VV030176.D
Acq: 13 Mar 2023 15:04

Instrument :
MSVOA_V
ClientSampleId :
C0BD6DL

Tgt Ion:129 Resp: 38329
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.5#



#61
1,2,3-Trichloropropane
Concen: 1.544 ug/L
RT: 11.194 min Scan# 3158
Delta R.T. 0.974 min
Lab File: VV030176.D
Acq: 13 Mar 2023 15:04

Tgt Ion: 75 Resp: 7284
Ion Ratio Lower Upper
75 100
77 32.4 26.5 39.7
110 0.9 31.8 47.6#

