

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031323\
 Data File : VV030180.D
 Acq On : 13 Mar 2023 16:42
 Operator : SY/MD
 Sample : 01868-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COBD3

Quant Time: Mar 14 03:47:05 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)

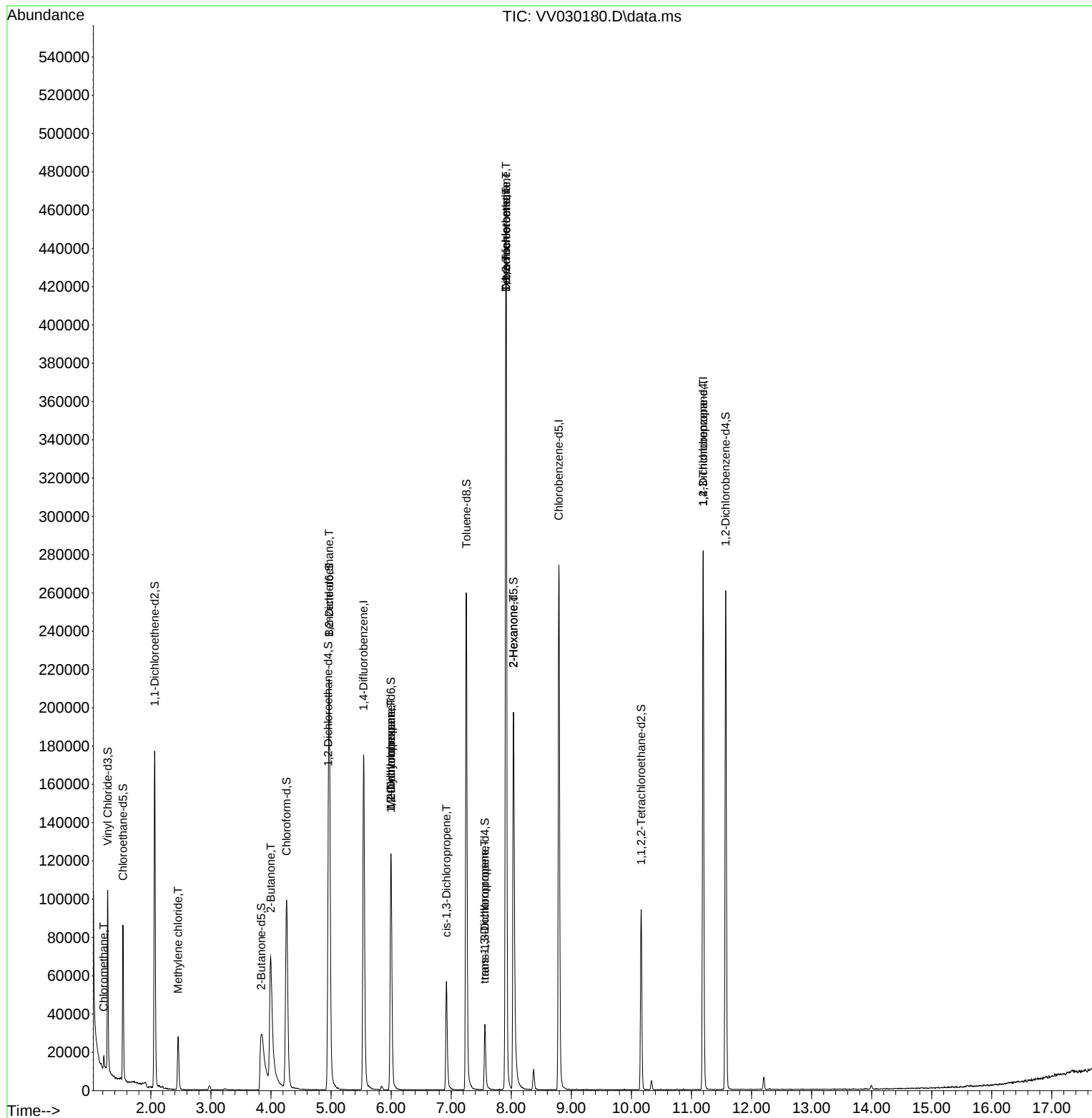
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	160732	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	161455	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	80208	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	62674	6.026	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.600%
7) Chloroethane-d5	1.536	69	54064	5.538	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.800%
11) 1,1-Dichloroethene-d2	2.063	63	92192	4.312	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	3.838	46	30206	15.753	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	31.500%#
24) Chloroform-d	4.259	84	112356	5.289	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.800%
26) 1,2-Dichloroethane-d4	4.953	65	48445	5.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.800%
32) Benzene-d6	4.970	84	213884	4.923	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	5.998	67	65038	4.976	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.252	98	185582	4.507	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	7.561	79	22714	5.080	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.600%
46) 2-Hexanone-d5	8.037	63	85336	46.129	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.260%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	46366	4.987	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	11.571	152	71920	5.300	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	4550	0.221	ug/L	96
16) Methylene chloride	2.452	84	12374	0.939	ug/L	99
21) 2-Butanone	3.995	43	138704	72.772	ug/L #	44
27) 1,2-Dichloroethane	4.970	62	1036	0.100	ug/L #	71
35) Methylcyclohexane	5.998	83	15921	0.851	ug/L #	20
37) 1,2-Dichloropropane	5.995	63	6836	0.609	ug/L #	86
39) cis-1,3-Dichloropropene	6.921	75	1453	0.088	ug/L #	73
44) trans-1,3-Dichloropropene	7.558	75	1028	0.080	ug/L	84
45) 1,1,2-Trichloroethane	7.915	97	871	0.109	ug/L #	6
47) Tetrachloroethene	7.912	164	112812	10.637	ug/L	99
48) 2-Hexanone	8.037	43	10651	3.214	ug/L #	62
49) Dibromochloromethane	7.912	129	98798	10.519	ug/L #	10
61) 1,2,3-Trichloropropane	11.194	75	8588	1.600	ug/L #	65

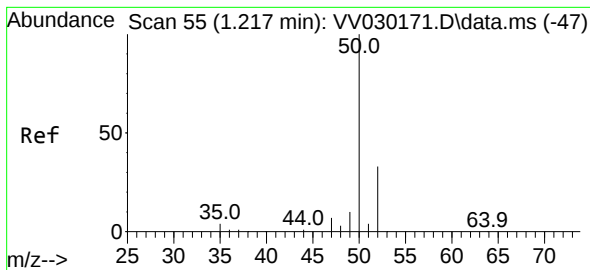
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.221 ug/L

RT: 1.217 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV030180.D

Acq: 13 Mar 2023 16:42

Instrument :

MSVOA_V

ClientSampleId :

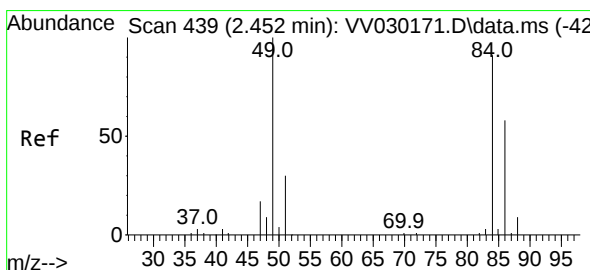
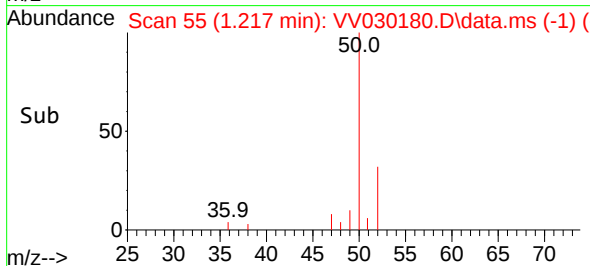
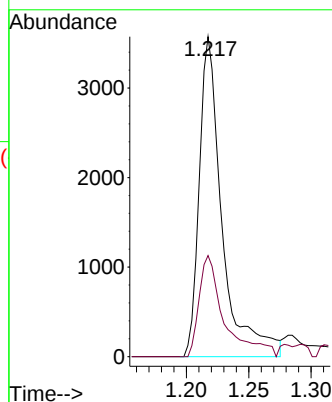
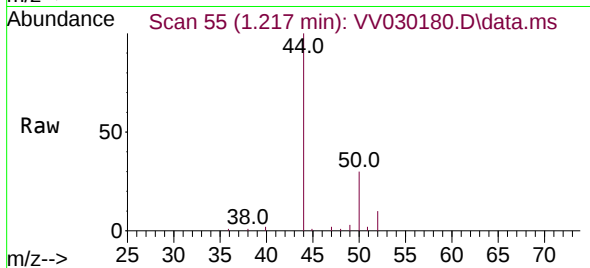
C0BD3

Tgt Ion: 50 Resp: 4550

Ion Ratio Lower Upper

50 100

52 31.6 23.6 43.8



#16

Methylene chloride

Concen: 0.939 ug/L

RT: 2.452 min Scan# 439

Delta R.T. 0.000 min

Lab File: VV030180.D

Acq: 13 Mar 2023 16:42

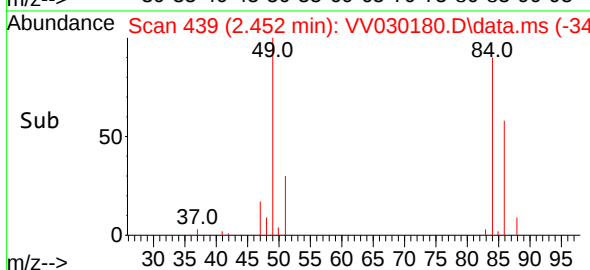
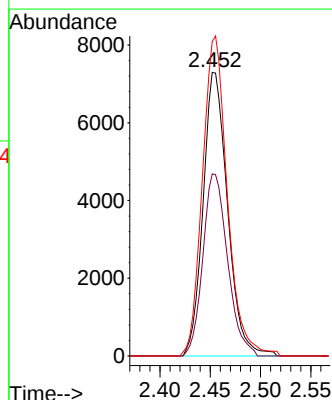
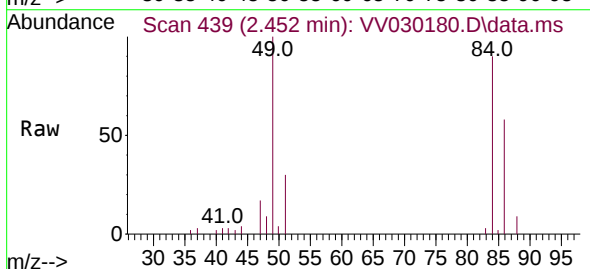
Tgt Ion: 84 Resp: 12374

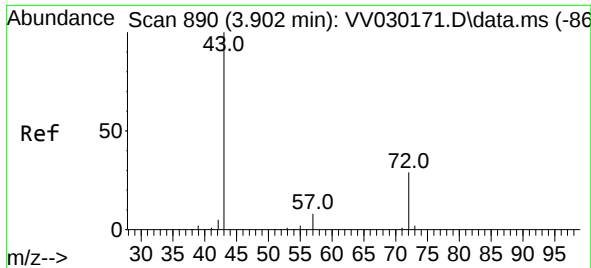
Ion Ratio Lower Upper

84 100

86 64.2 44.7 83.1

49 110.8 78.8 146.3

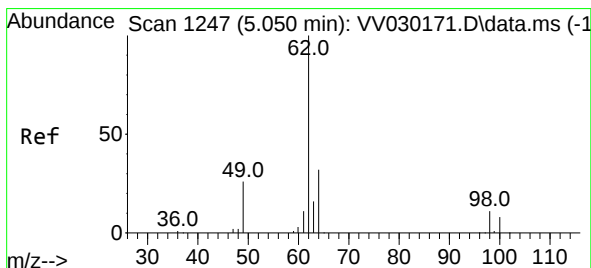
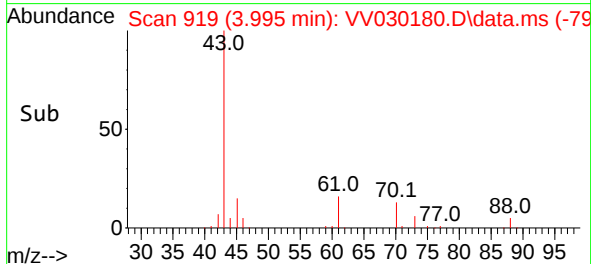
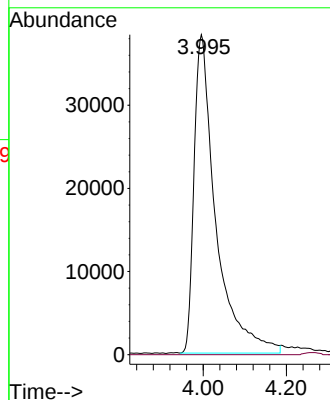
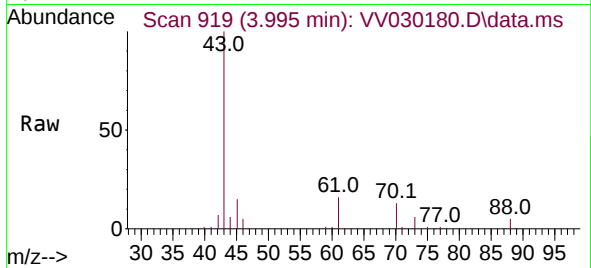




#21
2-Butanone
Concen: 72.772 ug/L
RT: 3.995 min Scan# 91
Delta R.T. 0.093 min
Lab File: VV030180.D
Acq: 13 Mar 2023 16:42

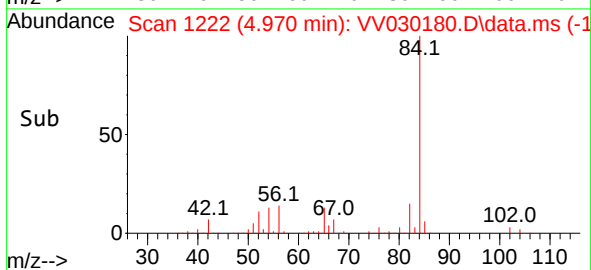
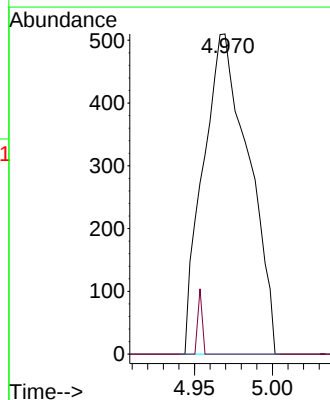
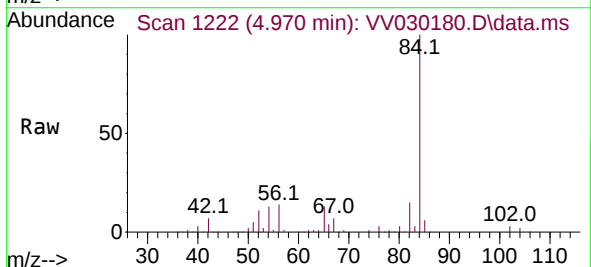
Instrument :
MSVOA_V
ClientSampleId :
C0BD3

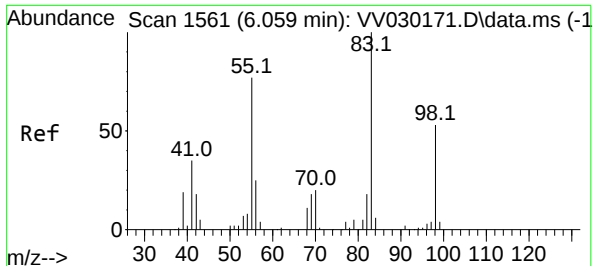
Tgt Ion: 43 Resp: 138704
Ion Ratio Lower Upper
43 100
72 0.0 15.1 45.3#



#27
1,2-Dichloroethane
Concen: 0.100 ug/L
RT: 4.970 min Scan# 1222
Delta R.T. -0.080 min
Lab File: VV030180.D
Acq: 13 Mar 2023 16:42

Tgt Ion: 62 Resp: 1036
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.4#





#35

Methylcyclohexane

Concen: 0.851 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.061 min

Lab File: VV030180.D

Acq: 13 Mar 2023 16:42

Instrument :

MSVOA_V

ClientSampleId :

C0BD3

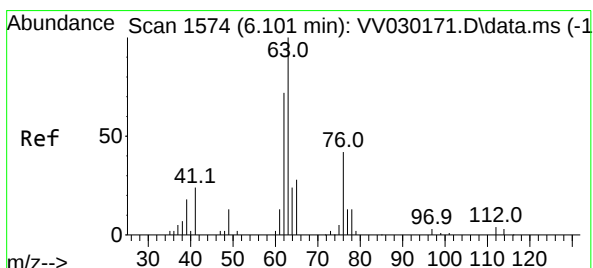
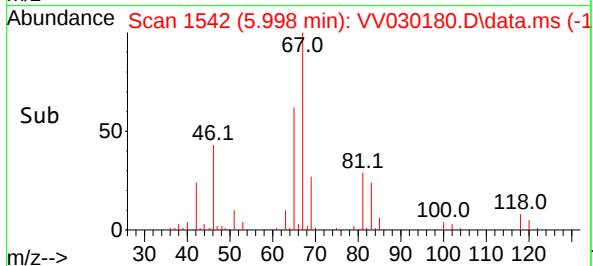
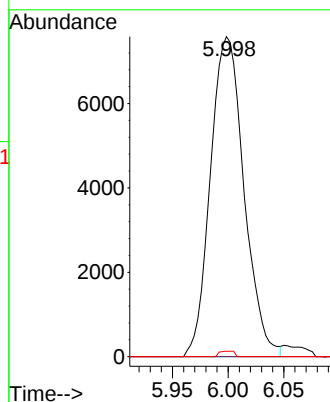
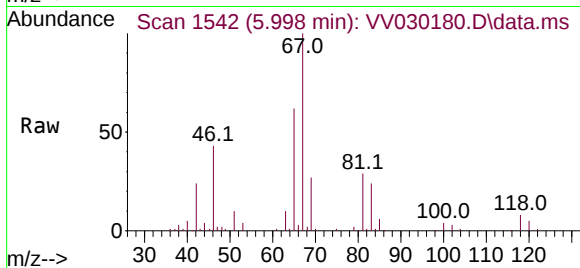
Tgt Ion: 83 Resp: 15921

Ion Ratio Lower Upper

83 100

55 0.0 57.6 86.4#

98 0.7 38.8 58.2#



#37

1,2-Dichloropropane

Concen: 0.609 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.106 min

Lab File: VV030180.D

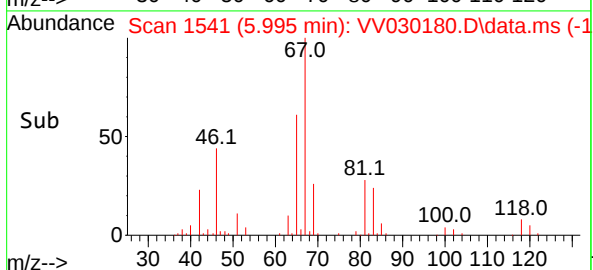
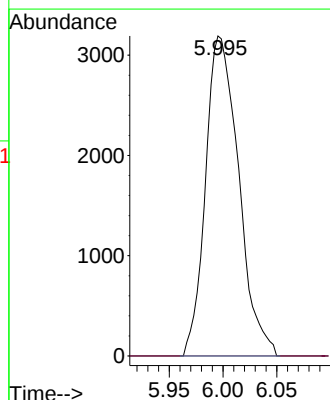
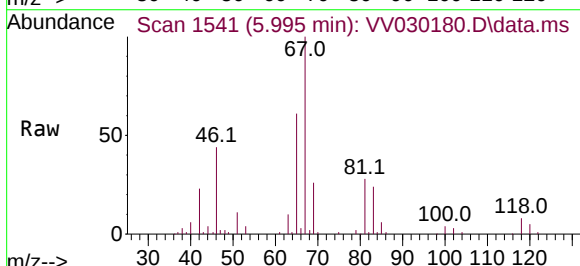
Acq: 13 Mar 2023 16:42

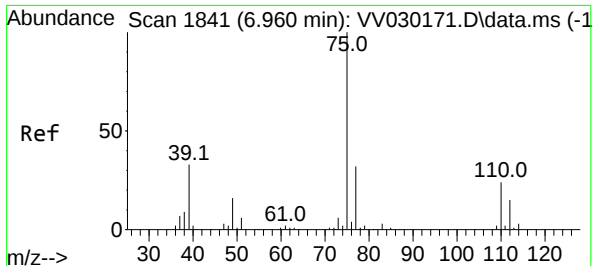
Tgt Ion: 63 Resp: 6836

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 6.921 min Scan# 1829

Delta R.T. -0.038 min

Lab File: VV030180.D

Acq: 13 Mar 2023 16:42

Instrument :

MSVOA_V

ClientSampleId :

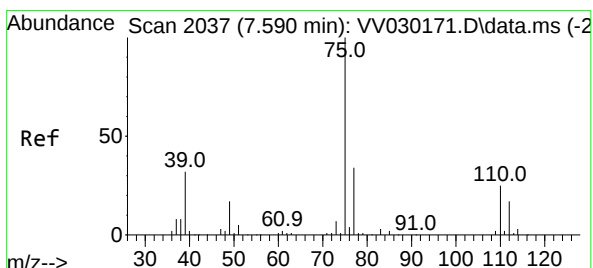
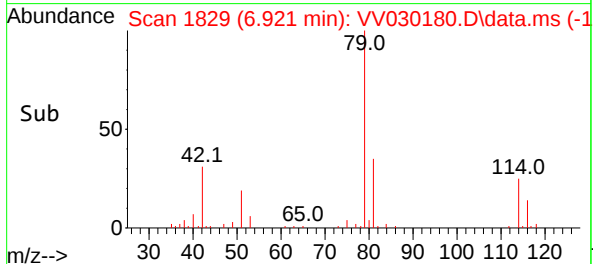
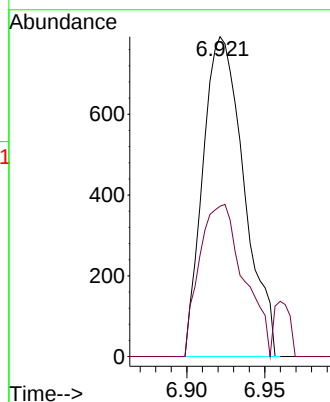
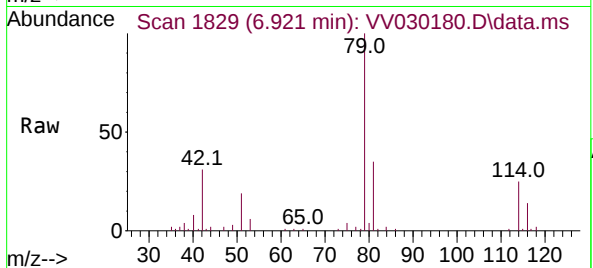
C0BD3

Tgt Ion: 75 Resp: 1453

Ion Ratio Lower Upper

75 100

77 47.0 22.3 41.3#



#44

trans-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 7.558 min Scan# 2027

Delta R.T. -0.032 min

Lab File: VV030180.D

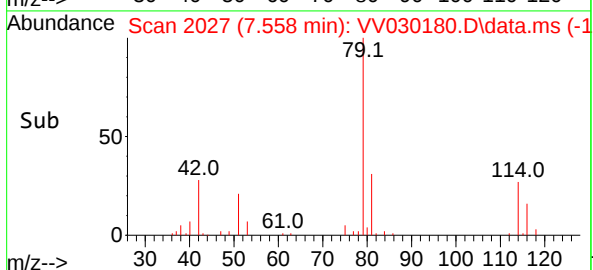
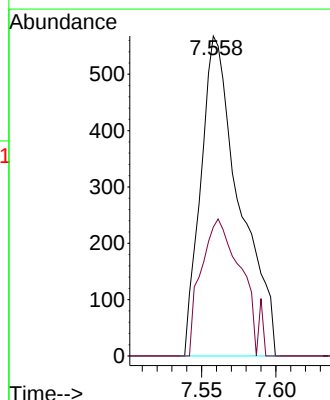
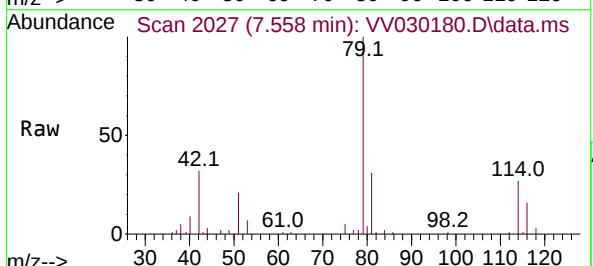
Acq: 13 Mar 2023 16:42

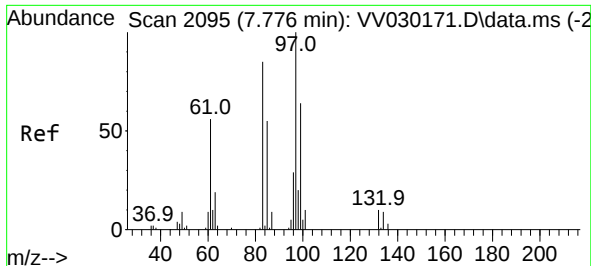
Tgt Ion: 75 Resp: 1028

Ion Ratio Lower Upper

75 100

77 40.3 22.1 41.1



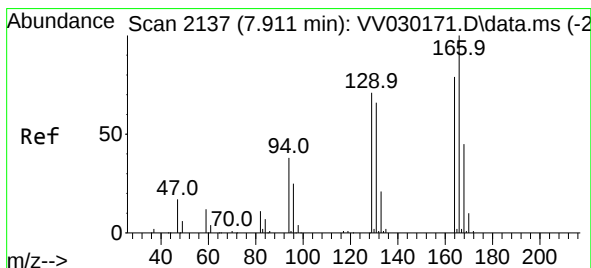
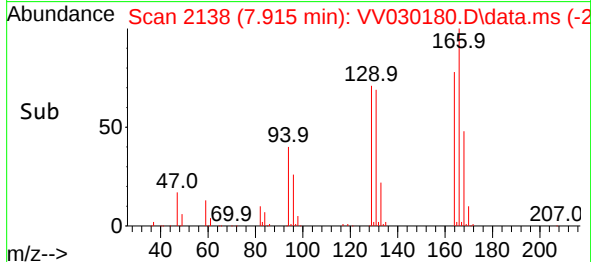
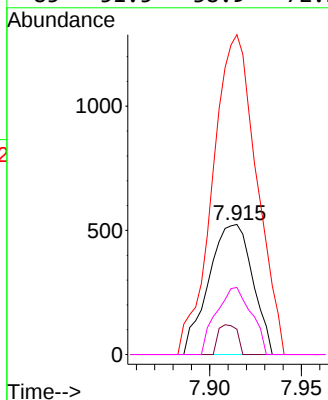
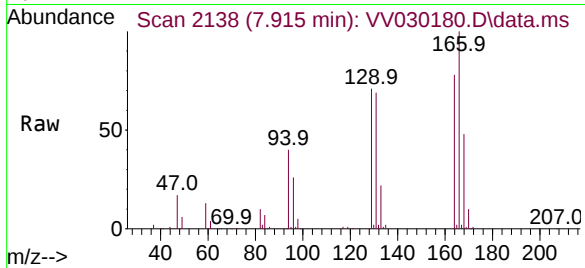


#45
1,1,2-Trichloroethane
Concen: 0.109 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.138 min
Lab File: VV030180.D
Acq: 13 Mar 2023 16:42

Instrument :
MSVOA_V
ClientSampleId :
C0BD3

Tgt Ion: 97 Resp: 871

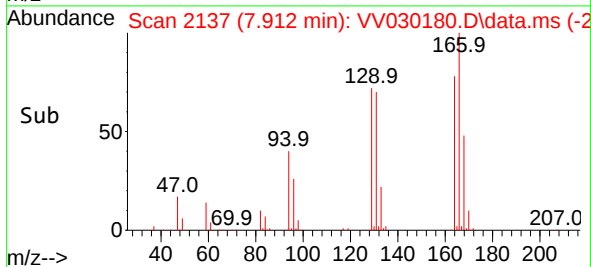
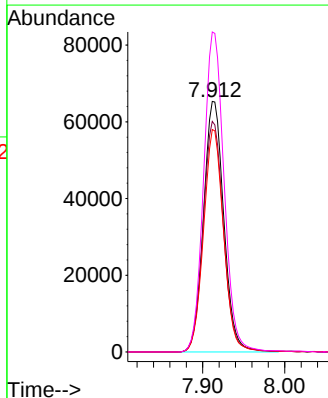
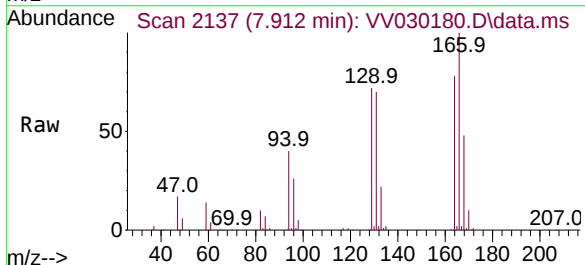
Ion	Ratio	Lower	Upper
97	100		
99	19.5	42.6	79.2#
83	245.8	57.7	107.3#
85	51.5	38.9	72.2

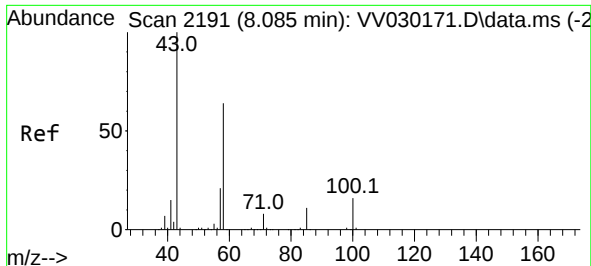


#47
Tetrachloroethene
Concen: 10.637 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VV030180.D
Acq: 13 Mar 2023 16:42

Tgt Ion: 164 Resp: 112812

Ion	Ratio	Lower	Upper
164	100		
129	92.1	63.6	118.2
131	88.8	61.7	114.7
166	127.7	90.8	168.6

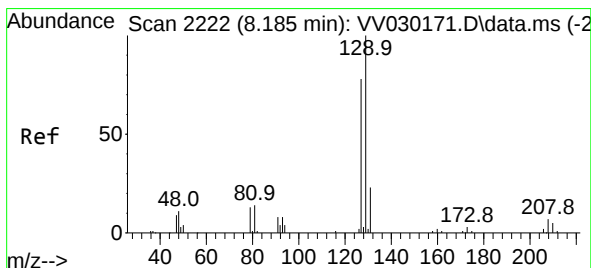
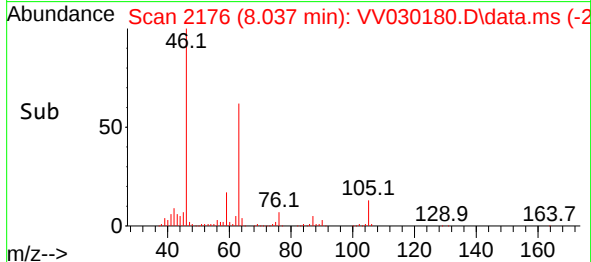
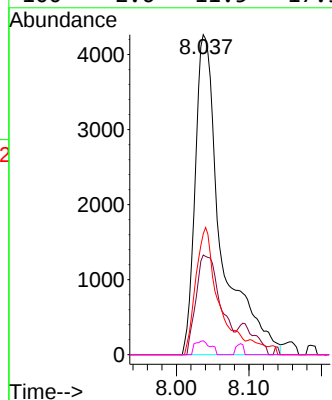
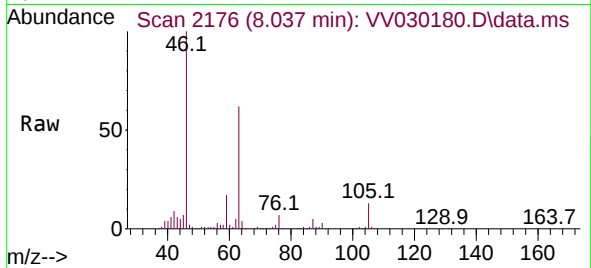




#48
2-Hexanone
Concen: 3.214 ug/L
RT: 8.037 min Scan# 2191
Delta R.T. -0.048 min
Lab File: VV030180.D
Acq: 13 Mar 2023 16:42

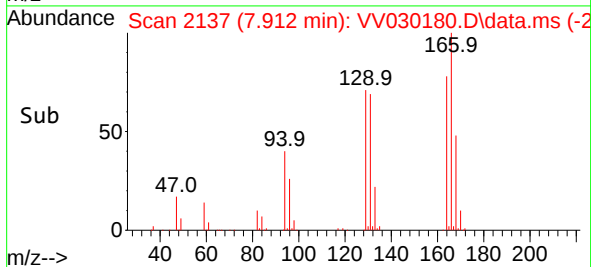
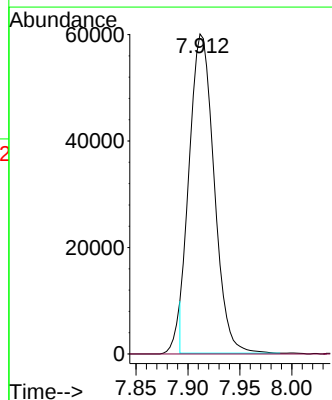
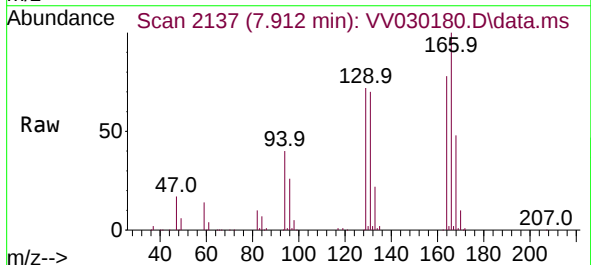
Instrument :
MSVOA_V
ClientSampleId :
C0BD3

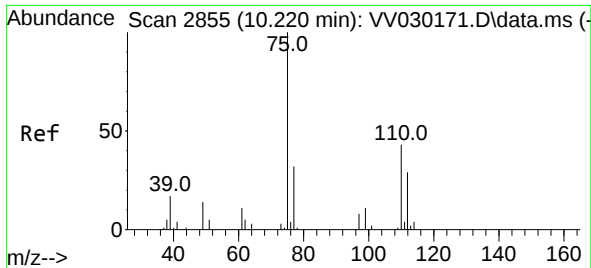
Tgt Ion: 43 Resp: 10651
Ion Ratio Lower Upper
43 100
58 29.5 49.8 74.8#
57 34.2 16.6 24.8#
100 2.6 11.5 17.3#



#49
Dibromochloromethane
Concen: 10.519 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. -0.273 min
Lab File: VV030180.D
Acq: 13 Mar 2023 16:42

Tgt Ion: 129 Resp: 98798
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.600 ug/L
 RT: 11.194 min Scan# 3158
 Delta R.T. 0.974 min
 Lab File: VV030180.D
 Acq: 13 Mar 2023 16:42

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BD3

Tgt Ion: 75 Resp: 8588
 Ion Ratio Lower Upper
 75 100
 77 30.5 26.5 39.7
 110 2.2 31.8 47.6#

