

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029838.D
 Acq On : 14 Jan 2023 03:29
 Operator : SY/MD
 Sample : 01138-17 50X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1Y0

Quant Time: Jan 14 04:21:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	185644	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	180266	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	87198	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	65335	4.640	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.565	69	60995	5.226	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.600%
11) 1,1-Dichloroethene-d2	2.105	63	88301	3.440	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.800%
20) 2-Butanone-d5	3.886	46	139958	56.079	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.160%
24) Chloroform-d	4.339	84	134914	5.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	5.024	65	60280	5.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.200%
32) Benzene-d6	5.043	84	275346	5.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	6.063	67	86326	5.516	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.400%
41) Toluene-d8	7.307	98	226870	4.583	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	7.616	79	24977	4.370	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.085	63	126754	54.475	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.940%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	63671	5.552	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.000%
66) 1,2-Dichlorobenzene-d4	11.612	152	85436	5.389	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	971	0.053	ug/L	97
5) Vinyl chloride	1.310	62	10411	0.584	ug/L #	82
6) Bromomethane	1.519	94	442	0.051	ug/L	91
8) Chloroethane	1.307	64	4315	0.399	ug/L	95
12) 1,1-Dichloroethene	2.114	96	6503	0.410	ug/L #	1
13) Acetone	2.182	43	7011	3.936	ug/L	93
14) Carbon disulfide	2.298	76	4442	0.097	ug/L	96
16) Methylene chloride	2.503	84	63713	3.235	ug/L	97
19) 1,1-Dichloroethane	3.185	63	6064	0.246	ug/L	98
21) 2-Butanone	3.998	43	6382	2.501	ug/L	86
22) cis-1,2-Dichloroethene	3.905	96	59237	3.773	ug/L	100
27) 1,2-Dichloroethane	5.040	62	1314	0.101	ug/L #	71
34) Trichloroethene	5.912	95	4441	0.294	ug/L	95
35) Methylcyclohexane	6.063	83	20292	0.796	ug/L #	20
37) 1,2-Dichloropropane	6.059	63	8579	0.615	ug/L #	86
39) cis-1,3-Dichloropropene	6.982	75	1583	0.085	ug/L #	38
44) trans-1,3-Dichloropropene	7.619	75	1091	0.072	ug/L #	70
61) 1,2,3-Trichloropropane	11.236	75	9542	1.478	ug/L #	66

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 12 22:05:54 2023
Response via : Initial Calibration

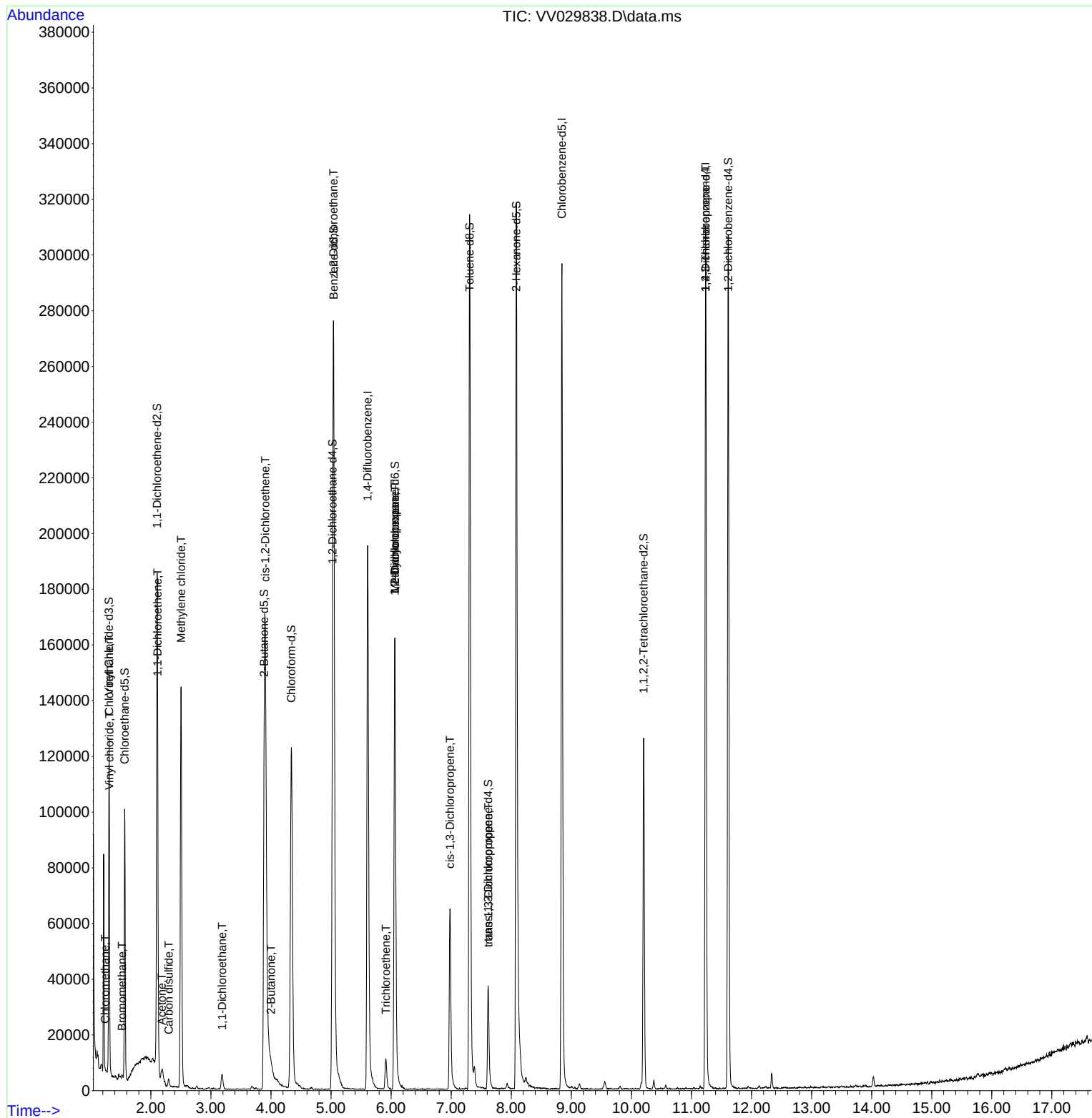
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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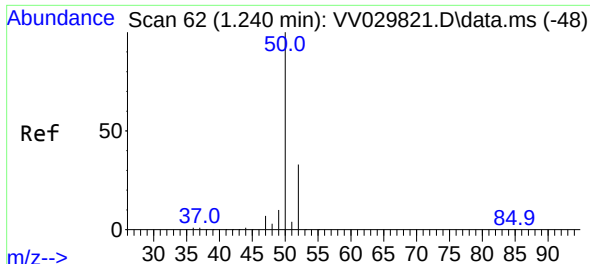
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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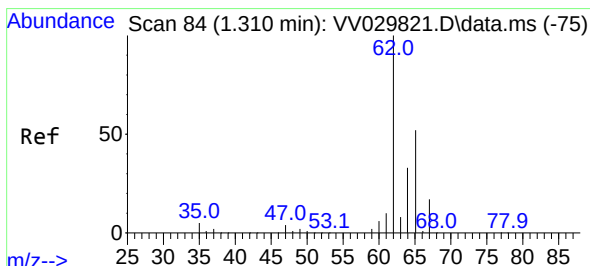
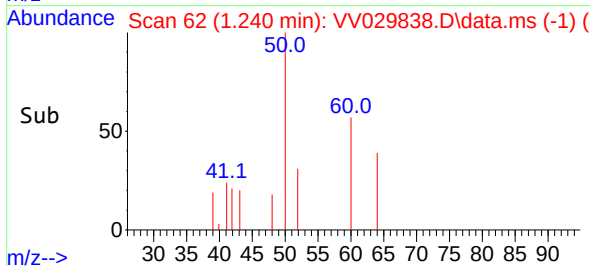
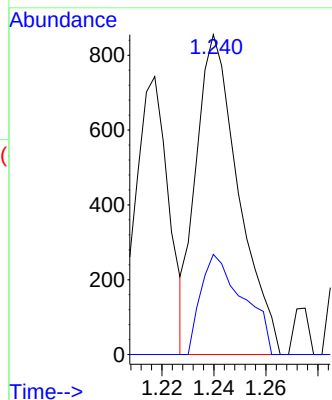
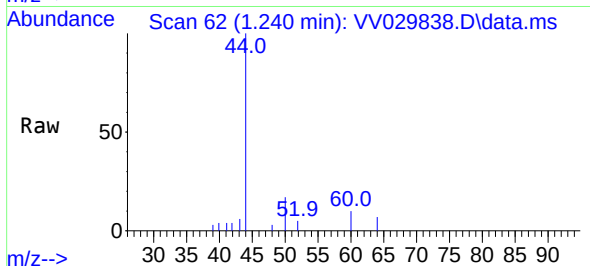




#3
Chloromethane
Concen: 0.053 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029838.D
Acq: 14 Jan 2023 03:29

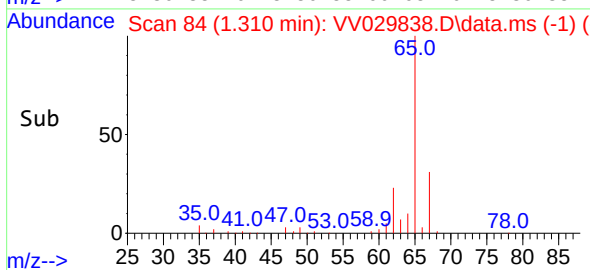
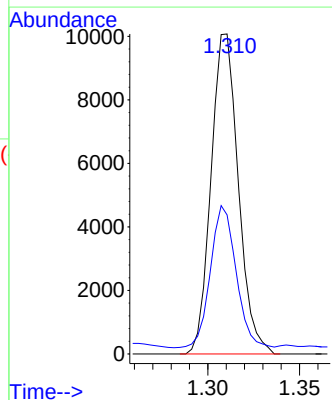
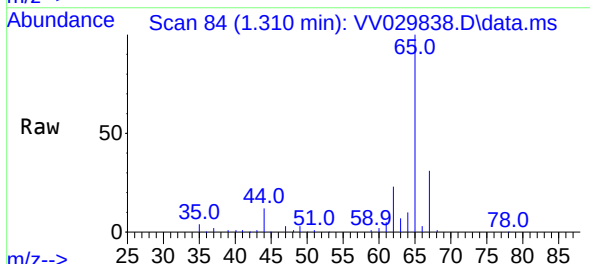
Instrument :
MSVOA_V
ClientSampleId :
BH1Y0

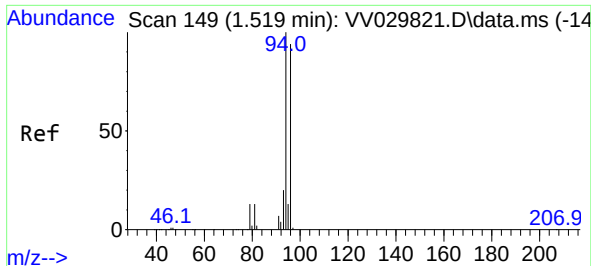
Tgt Ion: 50 Resp: 971
Ion Ratio Lower Upper
50 100
52 31.3 23.1 42.9



#5
Vinyl chloride
Concen: 0.584 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.006 min
Lab File: VV029838.D
Acq: 14 Jan 2023 03:29

Tgt Ion: 62 Resp: 10411
Ion Ratio Lower Upper
62 100
64 43.4 23.2 43.2#

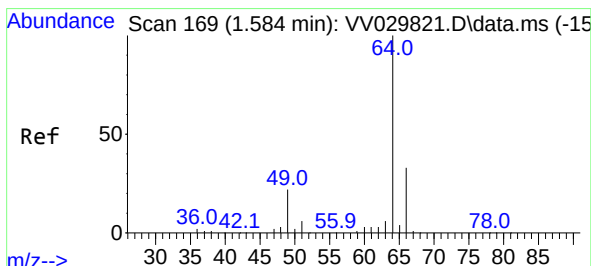
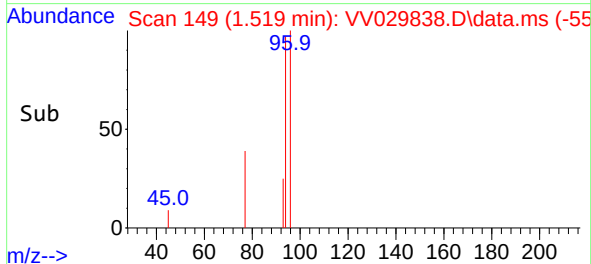
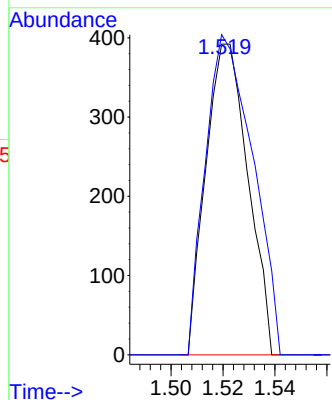
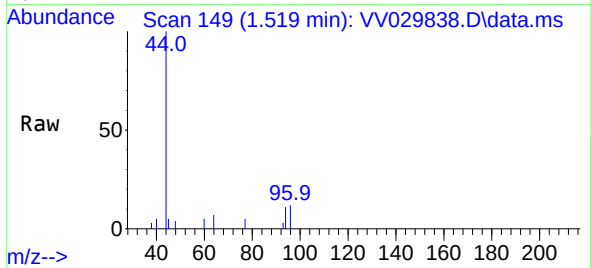




#6
Bromomethane
Concen: 0.051 ug/L
RT: 1.519 min Scan# 14
Delta R.T. 0.003 min
Lab File: VV029838.D
Acq: 14 Jan 2023 03:29

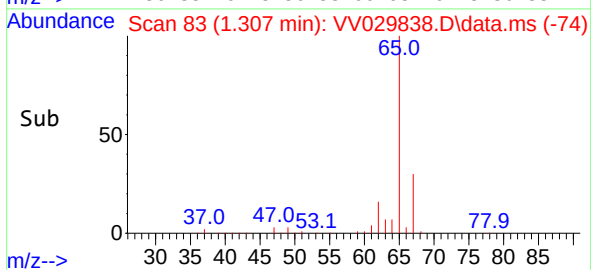
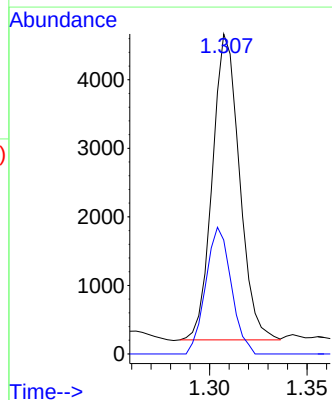
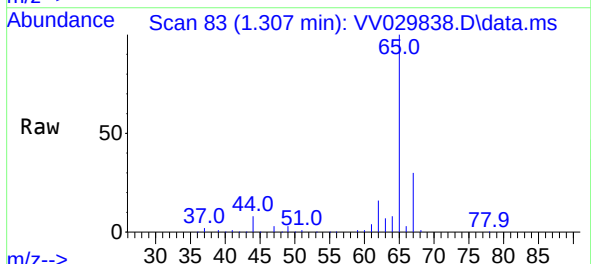
Instrument :
MSVOA_V
ClientSampleId :
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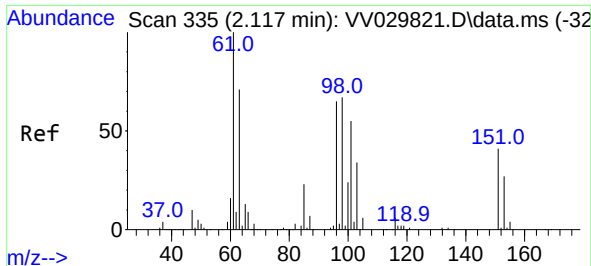
Tgt Ion: 94 Resp: 442
Ion Ratio Lower Upper
94 100
96 103.1 65.9 122.5



#8
Chloroethane
Concen: 0.399 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.270 min
Lab File: VV029838.D
Acq: 14 Jan 2023 03:29

Tgt Ion: 64 Resp: 4315
Ion Ratio Lower Upper
64 100
66 35.6 22.9 42.5

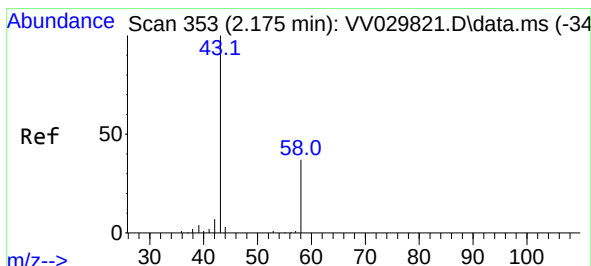
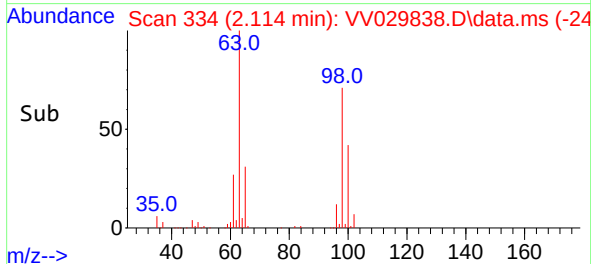
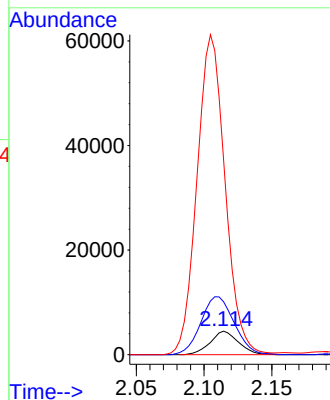
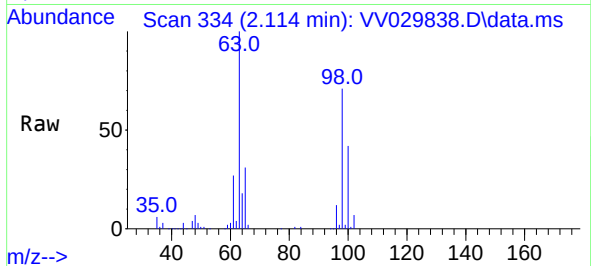




#12
1,1-Dichloroethene
Concen: 0.410 ug/L
RT: 2.114 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV029838.D
Acq: 14 Jan 2023 03:29

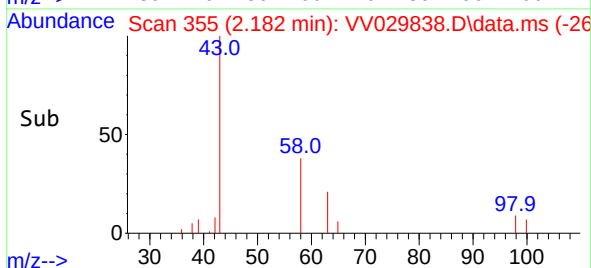
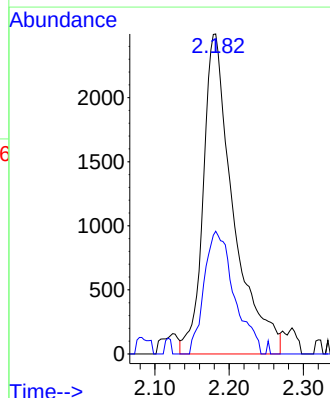
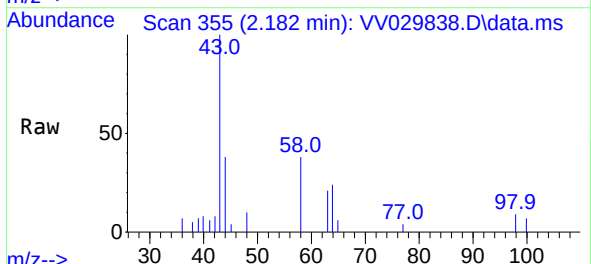
Instrument :
MSVOA_V
ClientSampleId :
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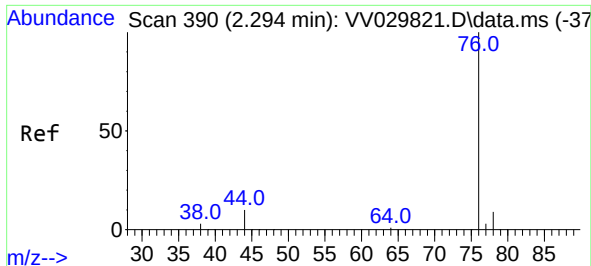
Tgt Ion: 96 Resp: 6503
Ion Ratio Lower Upper
96 100
61 225.7 106.1 197.1#
63 832.8 76.4 141.8#



#13
Acetone
Concen: 3.936 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.016 min
Lab File: VV029838.D
Acq: 14 Jan 2023 03:29

Tgt Ion: 43 Resp: 7011
Ion Ratio Lower Upper
43 100
58 38.2 0.0 68.8

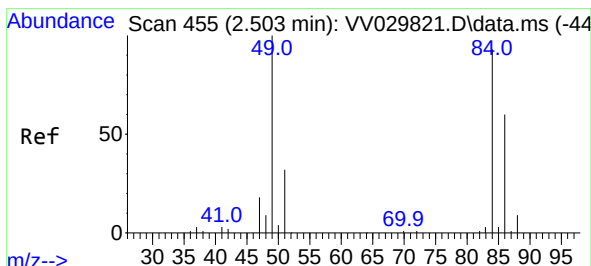
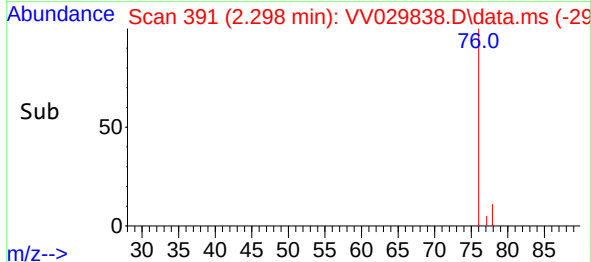
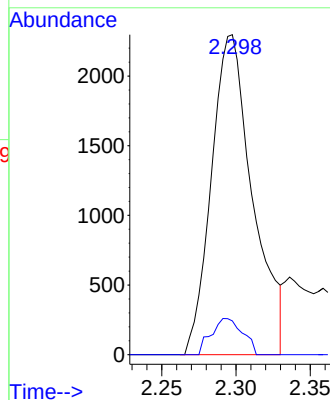
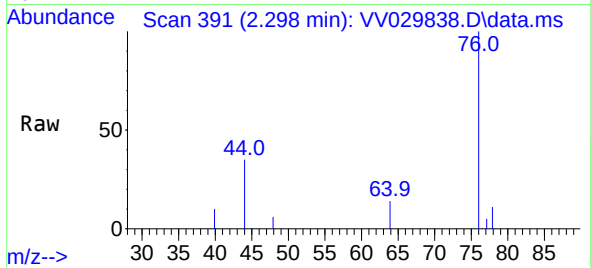




#14
Carbon disulfide
Concen: 0.097 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.013 min
Lab File: VV029838.D
Acq: 14 Jan 2023 03:29

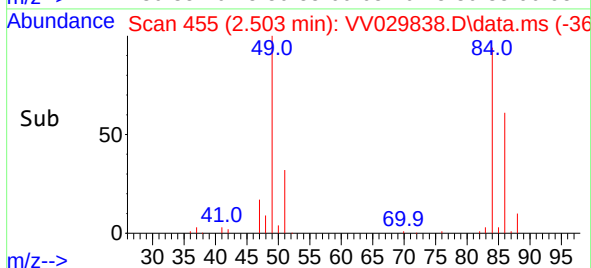
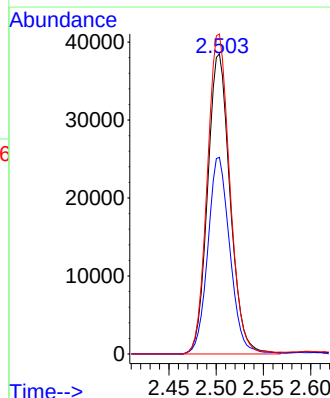
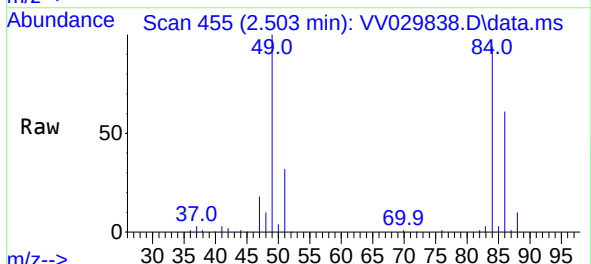
Instrument :
MSVOA_V
ClientSampleId :
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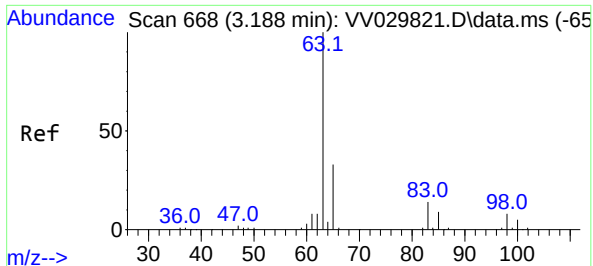
Tgt Ion: 76 Resp: 4442
Ion Ratio Lower Upper
76 100
78 10.5 7.4 11.0



#16
Methylene chloride
Concen: 3.235 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.006 min
Lab File: VV029838.D
Acq: 14 Jan 2023 03:29

Tgt Ion: 84 Resp: 63713
Ion Ratio Lower Upper
84 100
86 65.5 45.0 83.6
49 106.6 71.5 132.7

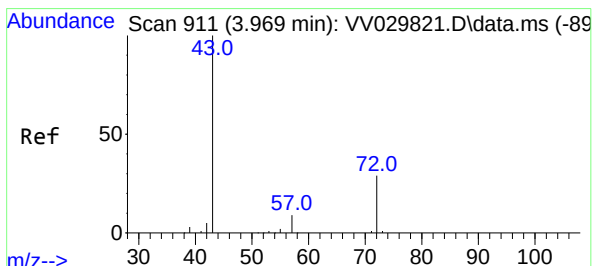
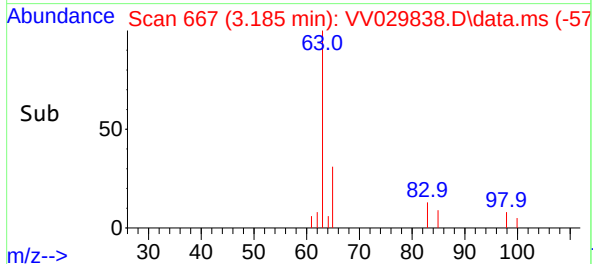
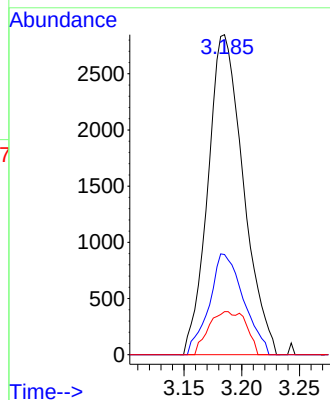
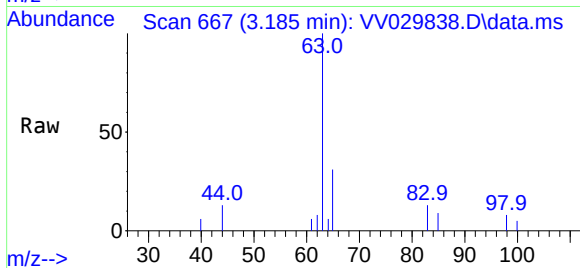




#19
1,1-Dichloroethane
Concen: 0.246 ug/L
RT: 3.185 min Scan# 606
Delta R.T. 0.006 min
Lab File: VV029838.D
Acq: 14 Jan 2023 03:29

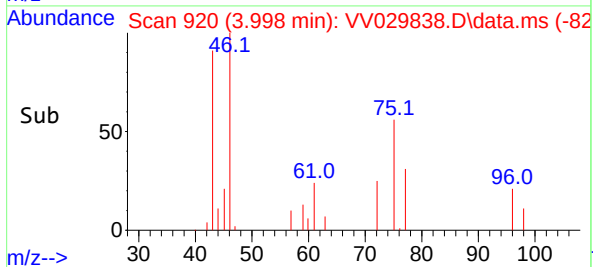
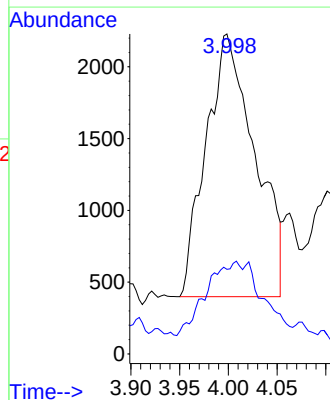
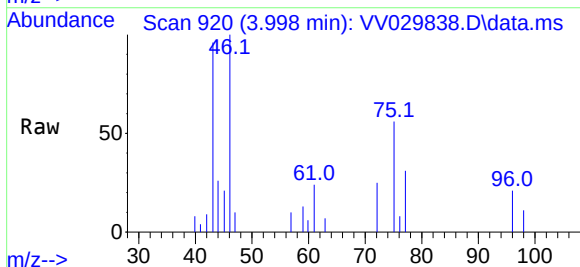
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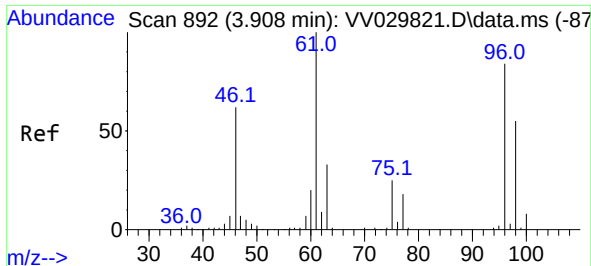
Tgt Ion:	63	Resp:	6064
Ion	Ratio	Lower	Upper
63	100		
65	31.3	22.4	41.6
83	13.4	10.2	19.0



#21
2-Butanone
Concen: 2.501 ug/L
RT: 3.998 min Scan# 920
Delta R.T. 0.016 min
Lab File: VV029838.D
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Tgt Ion:	43	Resp:	6382
Ion	Ratio	Lower	Upper
43	100		
72	20.4	13.9	41.6

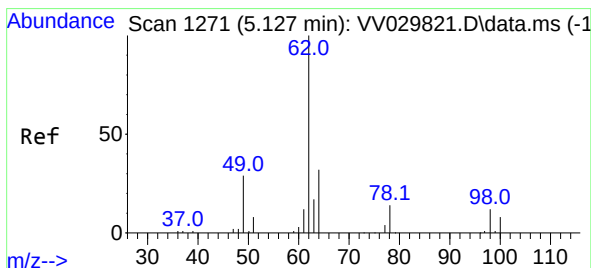
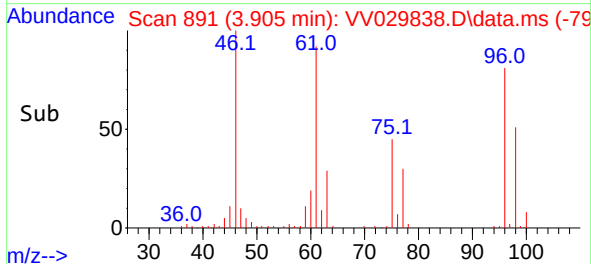
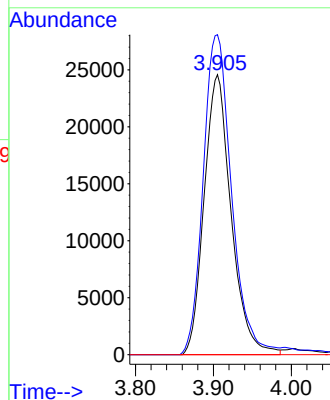
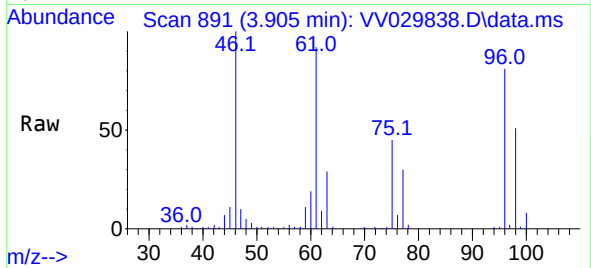




#22
cis-1,2-Dichloroethene
Concen: 3.773 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.006 min
Lab File: VV029838.D
Acq: 14 Jan 2023 03:29

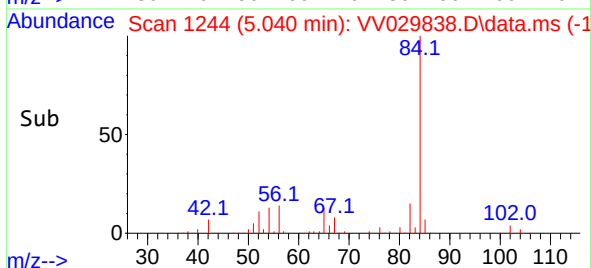
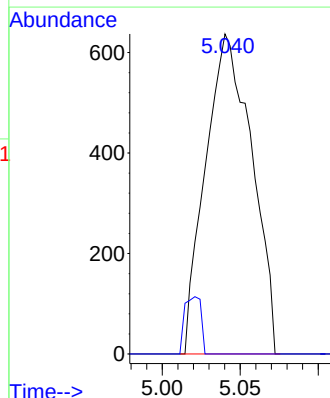
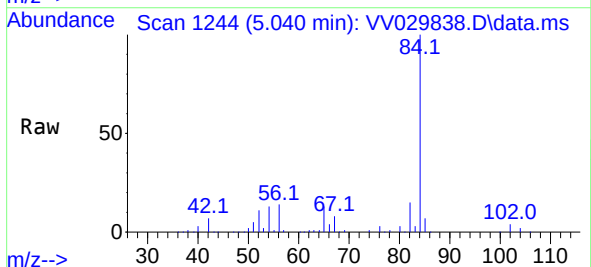
Instrument :
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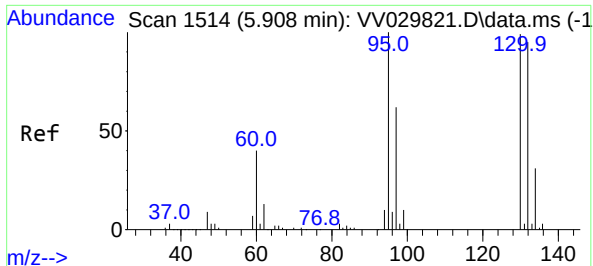
Tgt Ion: 96 Resp: 59237
Ion Ratio Lower Upper
96 100
61 114.3 80.0 148.6
68 0.0 0.0 0.0



#27
1,2-Dichloroethane
Concen: 0.101 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. -0.080 min
Lab File: VV029838.D
Acq: 14 Jan 2023 03:29

Tgt Ion: 62 Resp: 1314
Ion Ratio Lower Upper
62 100
98 0.0 8.9 13.3#





#34

Trichloroethene

Concen: 0.294 ug/L

RT: 5.912 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV029838.D

Acq: 14 Jan 2023 03:29

Instrument :

MSVOA_V

ClientSampleId :

BH1Y0

Tgt Ion: 95 Resp: 4441

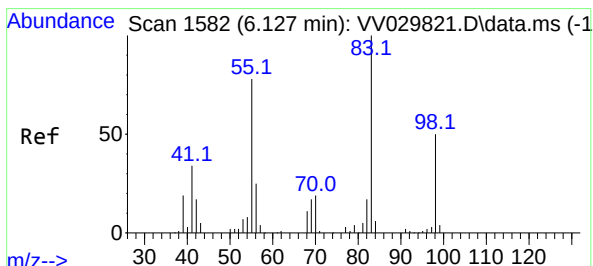
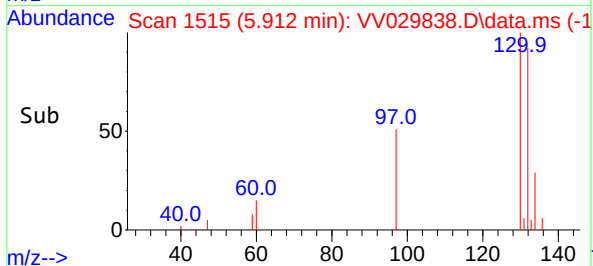
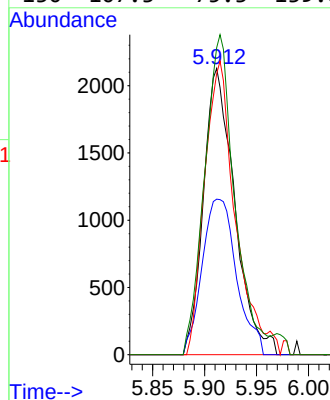
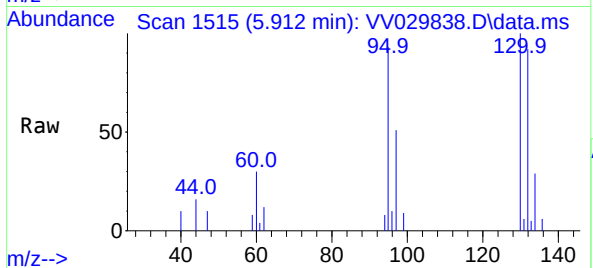
Ion Ratio Lower Upper

95 100

97 54.3 44.9 83.3

132 98.2 71.8 133.4

130 107.3 75.3 139.8



#35

Methylcyclohexane

Concen: 0.796 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.058 min

Lab File: VV029838.D

Acq: 14 Jan 2023 03:29

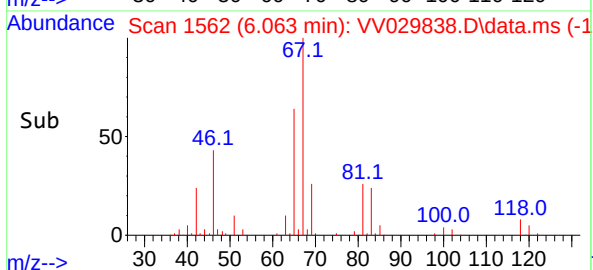
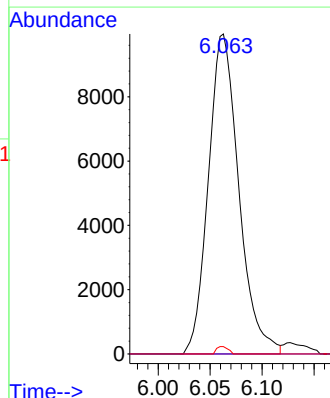
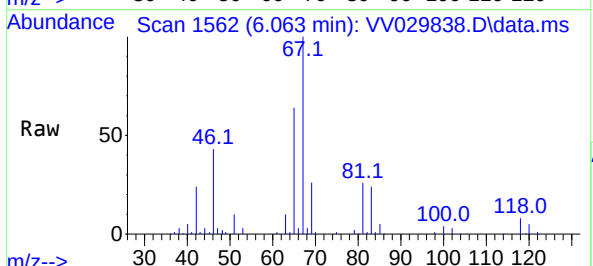
Tgt Ion: 83 Resp: 20292

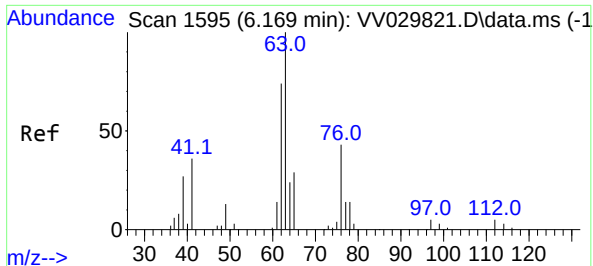
Ion Ratio Lower Upper

83 100

55 0.0 57.3 85.9#

98 0.9 39.0 58.6#

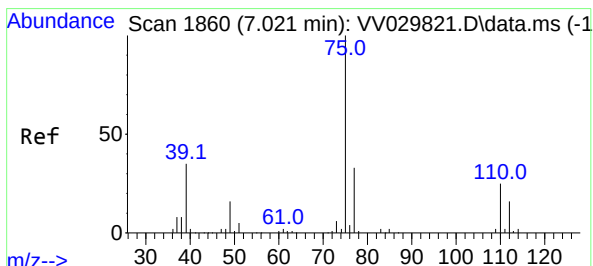
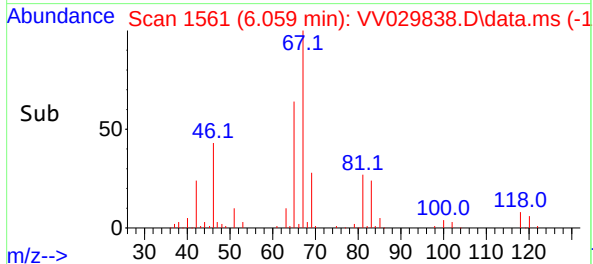
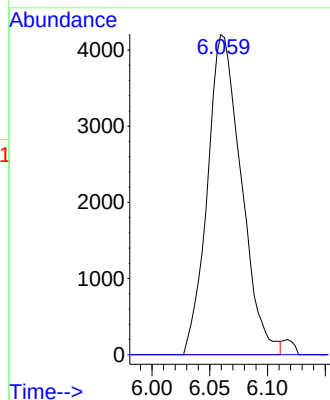
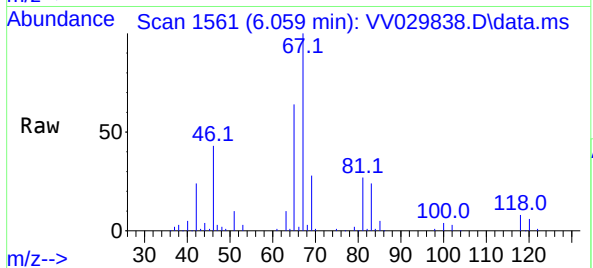




#37
1,2-Dichloropropane
Concen: 0.615 ug/L
RT: 6.059 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV029838.D
Acq: 14 Jan 2023 03:29

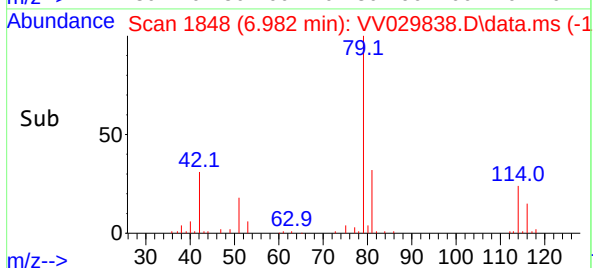
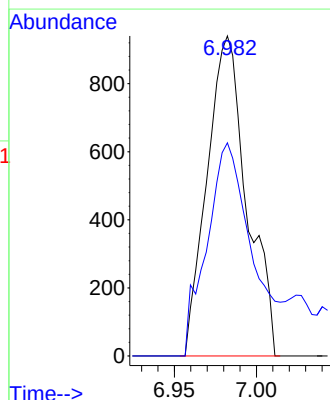
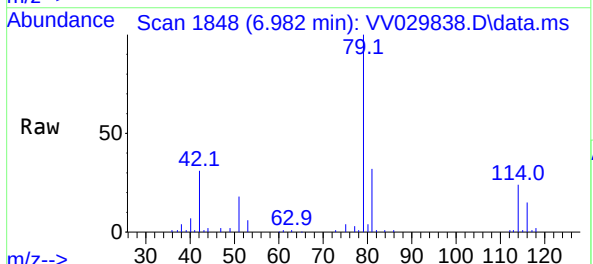
Instrument :
MSVOA_V
ClientSampleId :
BH1Y0

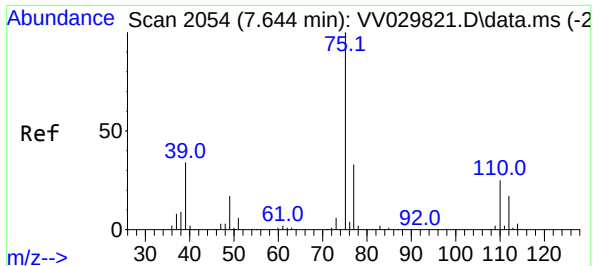
Tgt Ion: 63 Resp: 8579
Ion Ratio Lower Upper
63 100
112 0.3 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 6.982 min Scan# 1848
Delta R.T. -0.035 min
Lab File: VV029838.D
Acq: 14 Jan 2023 03:29

Tgt Ion: 75 Resp: 1583
Ion Ratio Lower Upper
75 100
77 66.6 22.4 41.6#

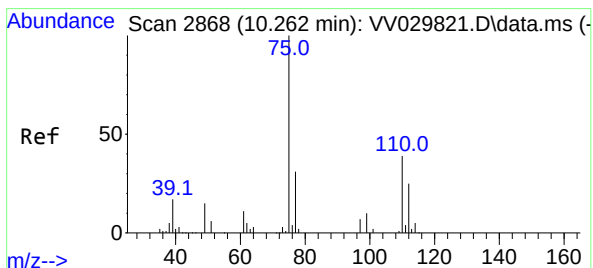
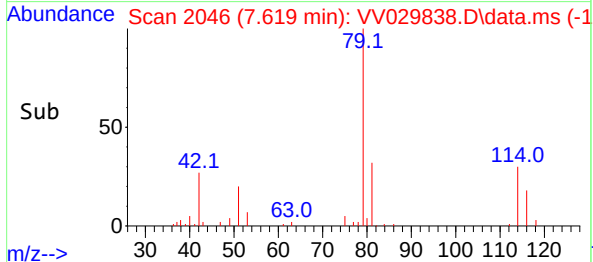
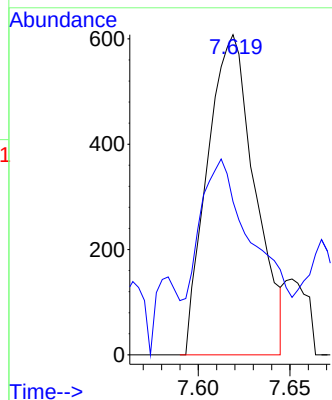
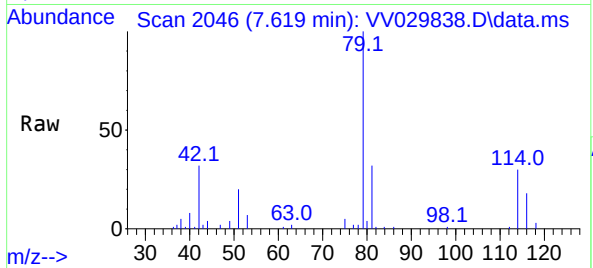




#44
trans-1,3-Dichloropropene
Concen: 0.072 ug/L
RT: 7.619 min Scan# 2046
Delta R.T. -0.023 min
Lab File: VV029838.D
Acq: 14 Jan 2023 03:29

Instrument :
MSVOA_V
ClientSampleId :
BH1Y0

Tgt Ion: 75 Resp: 1091
Ion Ratio Lower Upper
75 100
77 47.9 21.9 40.7#



#61
1,2,3-Trichloropropane
Concen: 1.478 ug/L
RT: 11.236 min Scan# 3171
Delta R.T. 0.974 min
Lab File: VV029838.D
Acq: 14 Jan 2023 03:29

Tgt Ion: 75 Resp: 9542
Ion Ratio Lower Upper
75 100
77 33.2 26.5 39.7
110 1.6 31.8 47.8#

