

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029833.D
 Acq On : 14 Jan 2023 01:29
 Operator : SY/MD
 Sample : 01138-12 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1X5

Quant Time: Jan 14 04:20:07 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	199618	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	196675	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	102859	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.304	65	68457	4.521	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.400%
7) Chloroethane-d5	1.565	69	63920	5.093	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.800%
11) 1,1-Dichloroethene-d2	2.105	63	92400	3.348	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.000%
20) 2-Butanone-d5	3.886	46	110520	41.183	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.360%
24) Chloroform-d	4.339	84	142058	5.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.024	65	61512	5.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.043	84	291688	5.000	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.060	67	90216	5.284	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.600%
41) Toluene-d8	7.307	98	249266	4.615	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	7.616	79	25647	4.113	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.085	63	104940	41.337	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.680%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	62021	4.957	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	11.612	152	94898	5.075	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%

Target Compounds

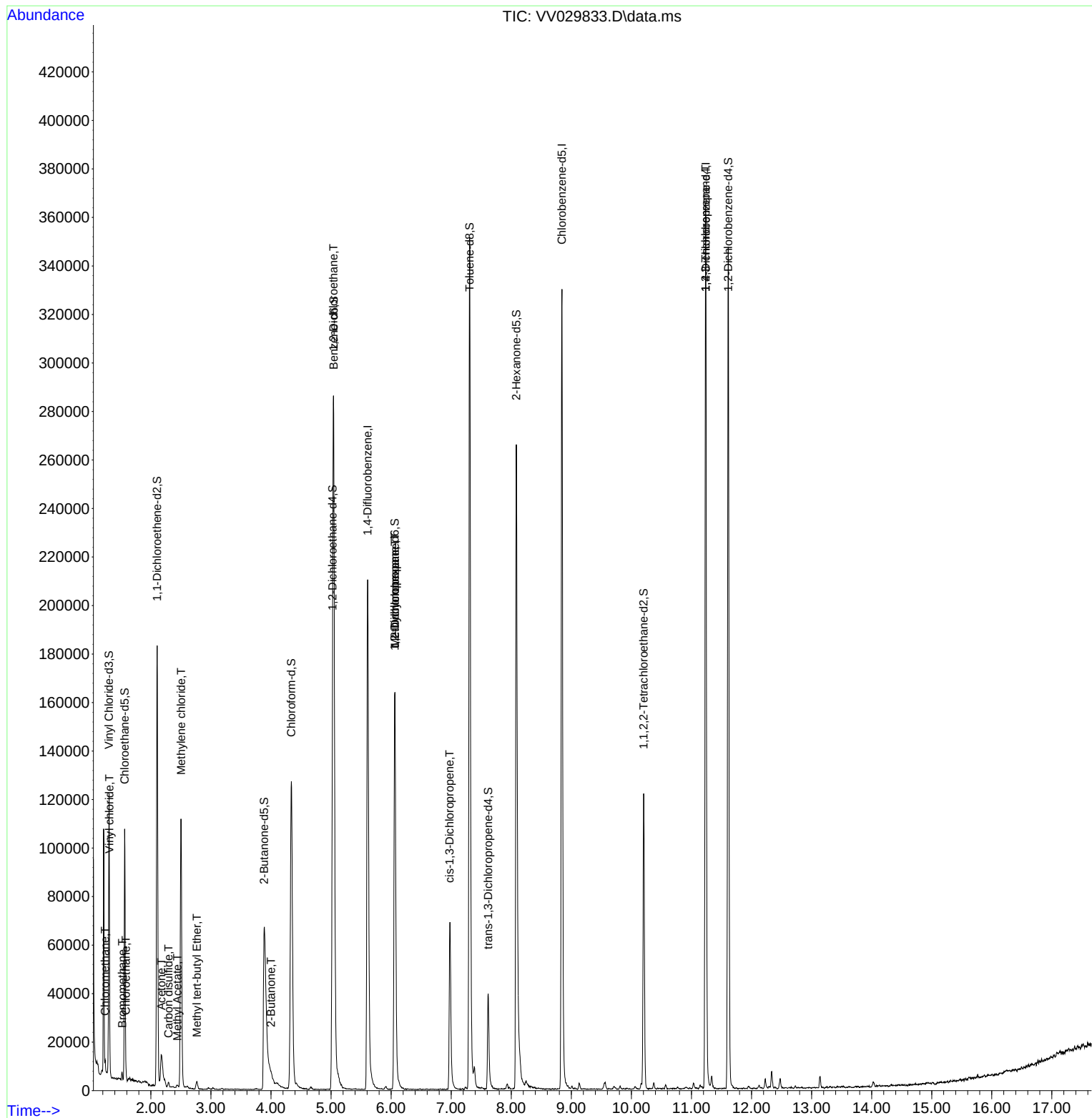
					Qvalue
3) Chloromethane	1.240	50	3044	0.156	ug/L 93
5) Vinyl chloride	1.311	62	1761	0.092	ug/L # 33
6) Bromomethane	1.523	94	1255	0.134	ug/L 94
8) Chloroethane	1.584	64	1270	0.109	ug/L 93
13) Acetone	2.175	43	18753	9.791	ug/L 93
14) Carbon disulfide	2.294	76	3132	0.064	ug/L # 91
15) Methyl Acetate	2.439	43	1932	0.387	ug/L # 79
16) Methylene chloride	2.503	84	50199	2.371	ug/L 96
17) Methyl tert-butyl Ether	2.767	73	2742	0.093	ug/L # 89
21) 2-Butanone	4.002	43	6518	2.375	ug/L 90
27) 1,2-Dichloroethane	5.040	62	755	0.054	ug/L # 71
35) Methylcyclohexane	6.063	83	21518	0.773	ug/L # 20
37) 1,2-Dichloropropane	6.063	63	8874	0.583	ug/L # 85
39) cis-1,3-Dichloropropene	6.976	75	1794	0.088	ug/L # 38
61) 1,2,3-Trichloropropane	11.236	75	11253	1.477	ug/L # 65

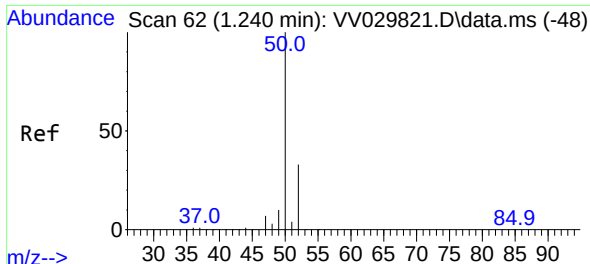
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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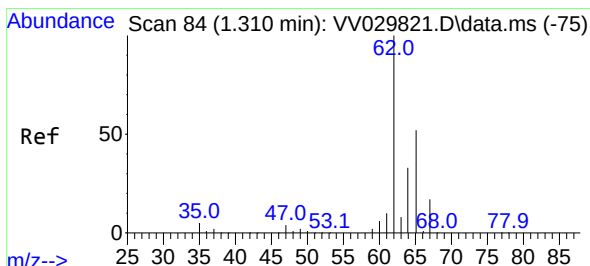
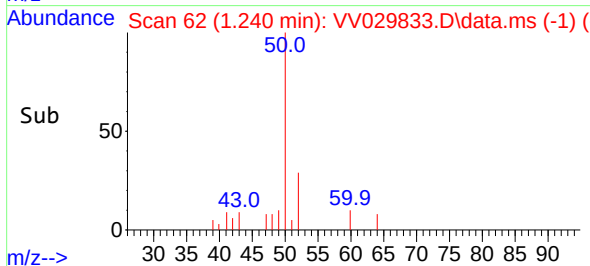
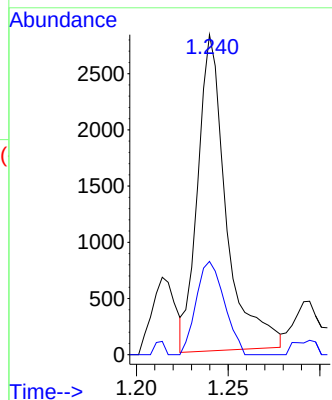
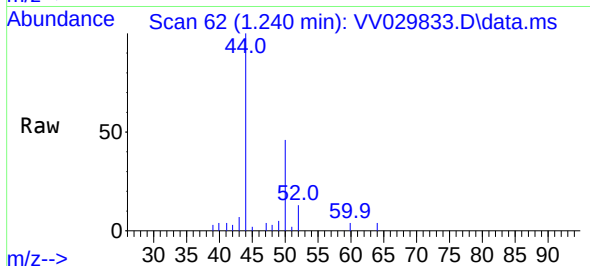




#3
Chloromethane
Concen: 0.156 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029833.D
Acq: 14 Jan 2023 01:29

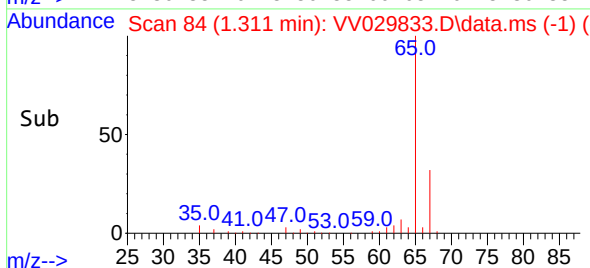
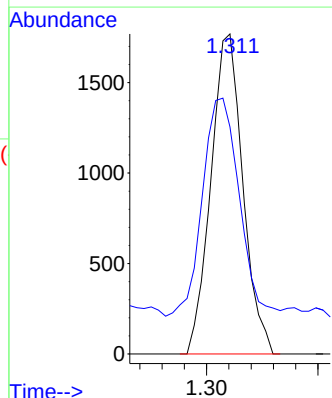
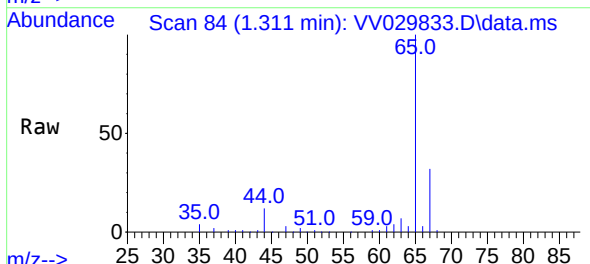
Instrument :
MSVOA_V
ClientSampleId :
BH1X5

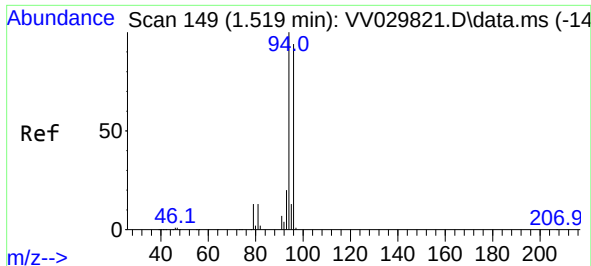
Tgt Ion: 50 Resp: 3044
Ion Ratio Lower Upper
50 100
52 29.2 23.1 42.9



#5
Vinyl chloride
Concen: 0.092 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.006 min
Lab File: VV029833.D
Acq: 14 Jan 2023 01:29

Tgt Ion: 62 Resp: 1761
Ion Ratio Lower Upper
62 100
64 70.9 23.2 43.2#

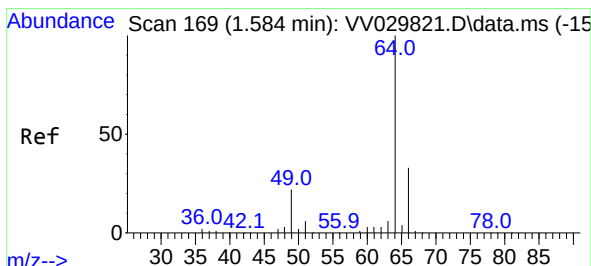
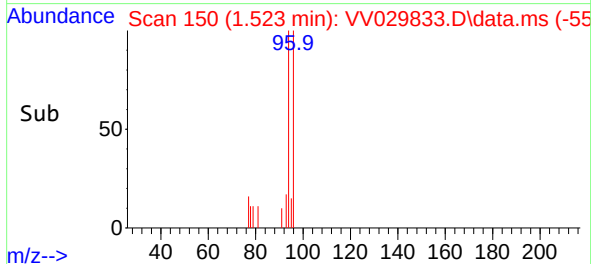
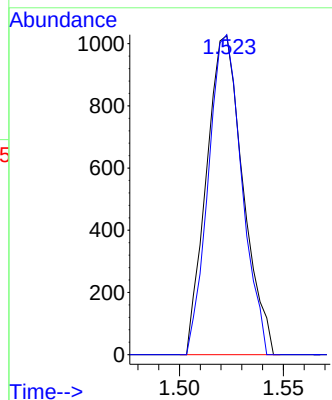
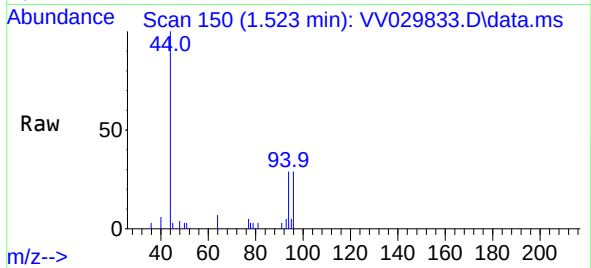




#6
Bromomethane
Concen: 0.134 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV029833.D
Acq: 14 Jan 2023 01:29

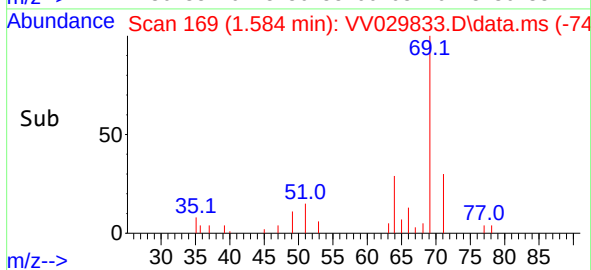
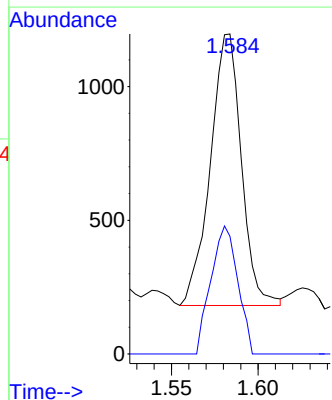
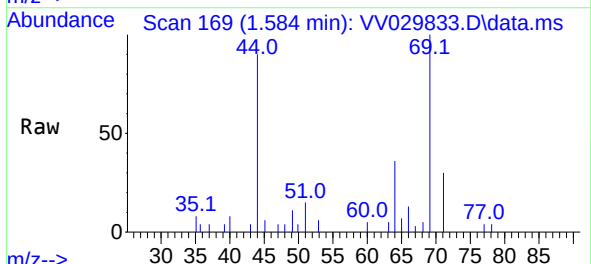
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MSVOA_V
ClientSampleId :
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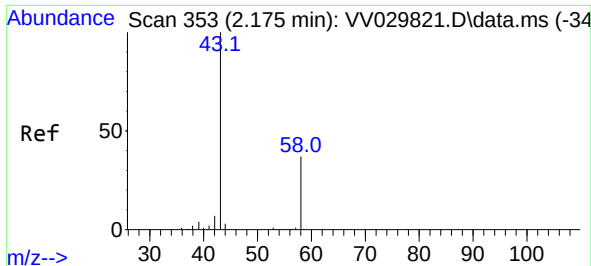
Tgt Ion: 94 Resp: 1255
Ion Ratio Lower Upper
94 100
96 100.3 65.9 122.5



#8
Chloroethane
Concen: 0.109 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.006 min
Lab File: VV029833.D
Acq: 14 Jan 2023 01:29

Tgt Ion: 64 Resp: 1270
Ion Ratio Lower Upper
64 100
66 36.8 22.9 42.5





#13

Acetone

Concen: 9.791 ug/L

RT: 2.175 min Scan# 31

Delta R.T. -0.023 min

Lab File: VV029833.D

Acq: 14 Jan 2023 01:29

Instrument :

MSVOA_V

ClientSampleId :

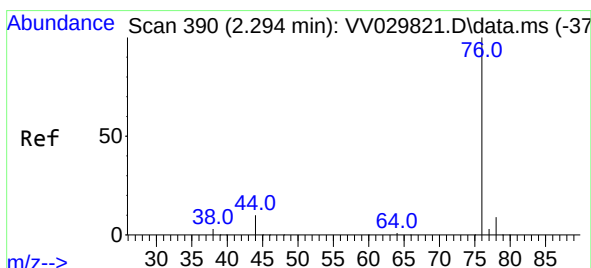
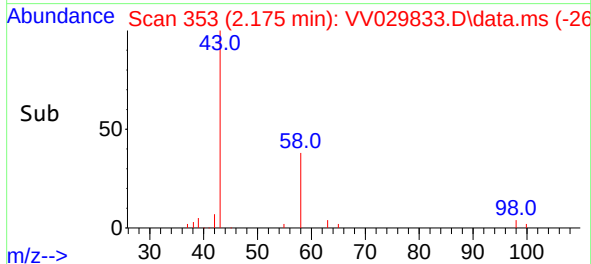
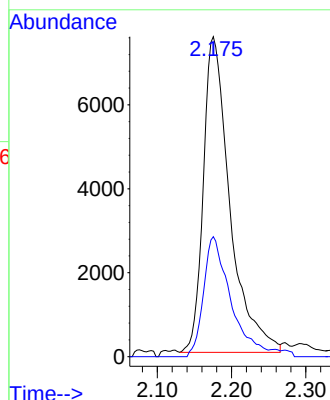
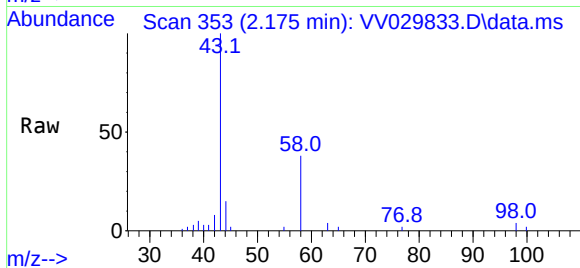
BH1X5

Tgt Ion: 43 Resp: 18753

Ion Ratio Lower Upper

43 100

58 38.4 0.0 68.8



#14

Carbon disulfide

Concen: 0.064 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.010 min

Lab File: VV029833.D

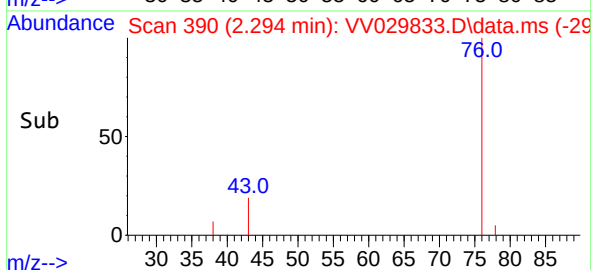
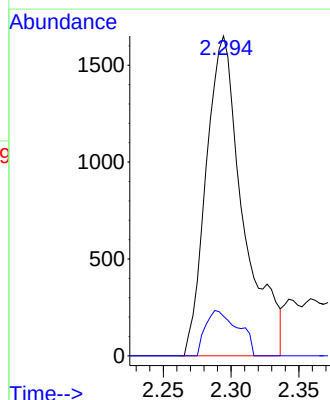
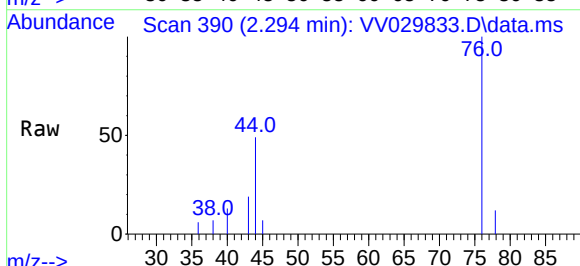
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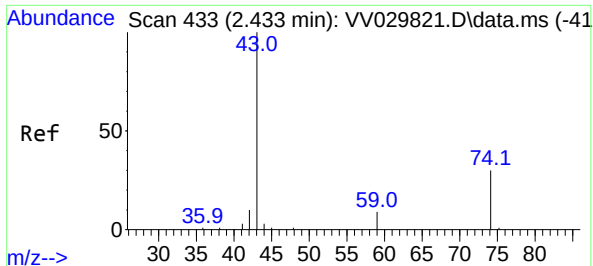
Tgt Ion: 76 Resp: 3132

Ion Ratio Lower Upper

76 100

78 12.4 7.4 11.0#

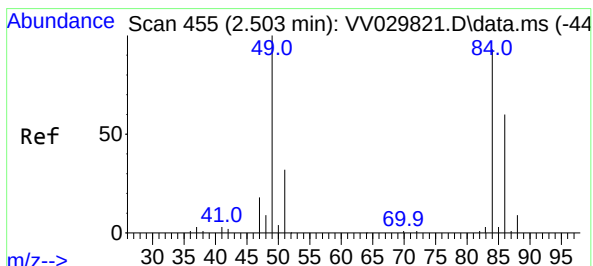
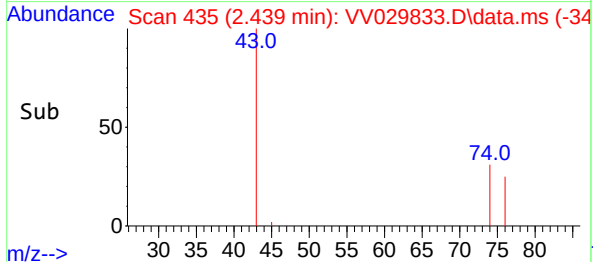
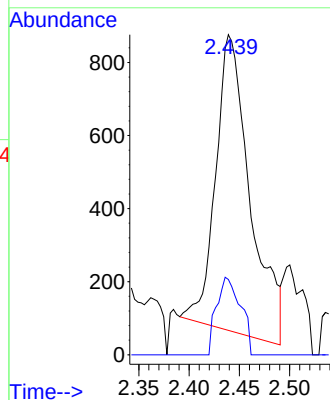
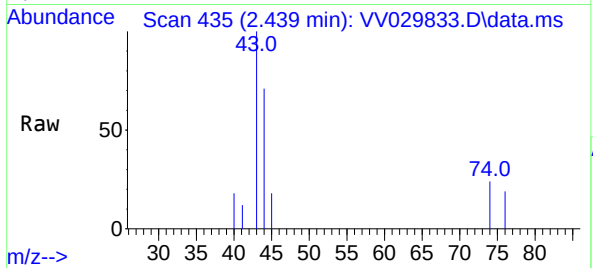




#15
Methyl Acetate
Concen: 0.387 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV029833.D
Acq: 14 Jan 2023 01:29

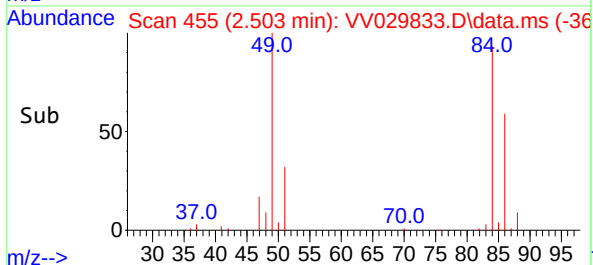
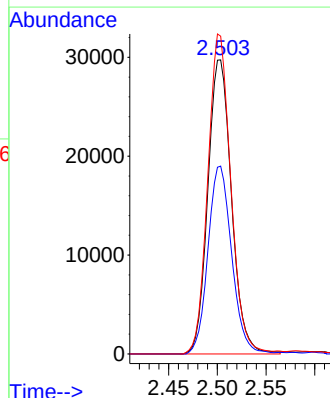
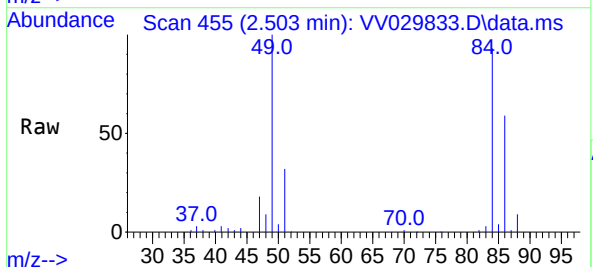
Instrument :
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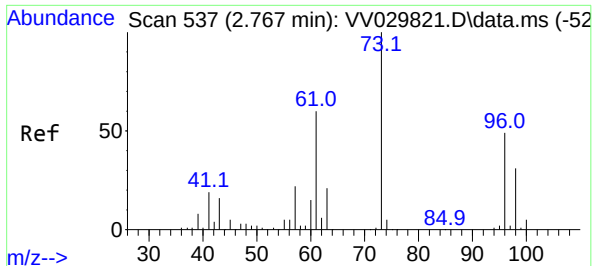
Tgt Ion: 43 Resp: 1932
Ion Ratio Lower Upper
43 100
74 18.2 23.4 35.0#



#16
Methylene chloride
Concen: 2.371 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.006 min
Lab File: VV029833.D
Acq: 14 Jan 2023 01:29

Tgt Ion: 84 Resp: 50199
Ion Ratio Lower Upper
84 100
86 63.9 45.0 83.6
49 108.1 71.5 132.7

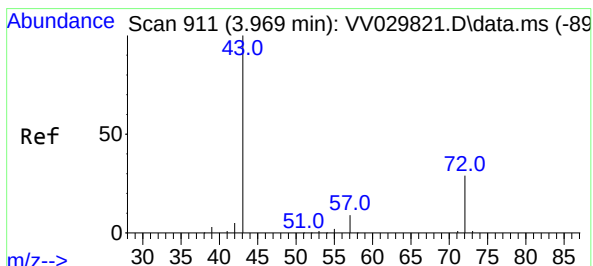
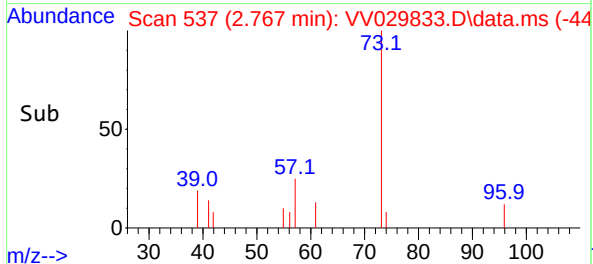
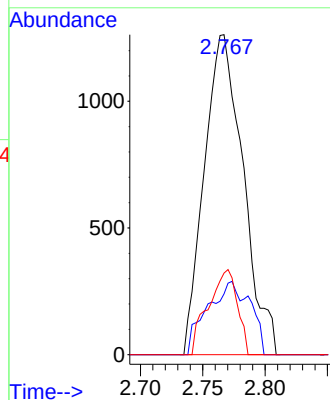
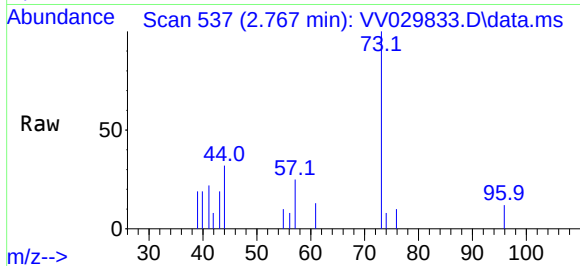




#17
Methyl tert-butyl Ether
Concen: 0.093 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV029833.D
Acq: 14 Jan 2023 01:29

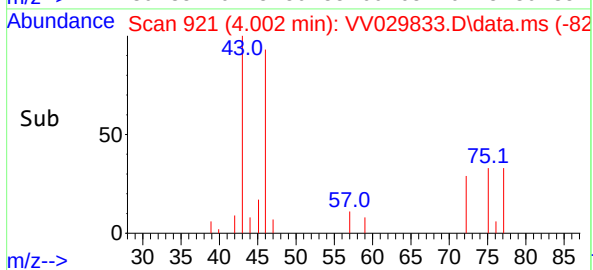
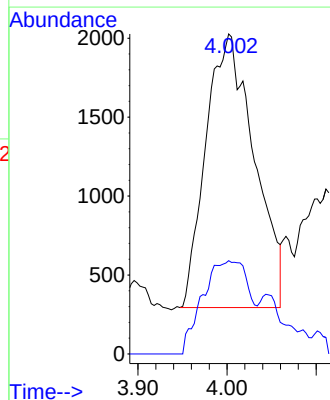
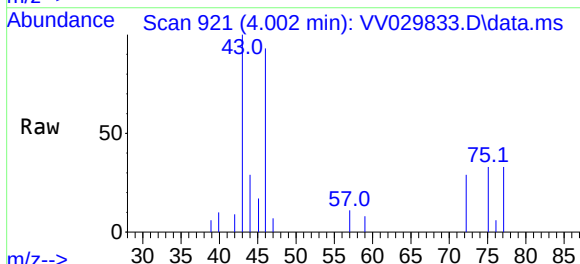
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ClientSampleId :
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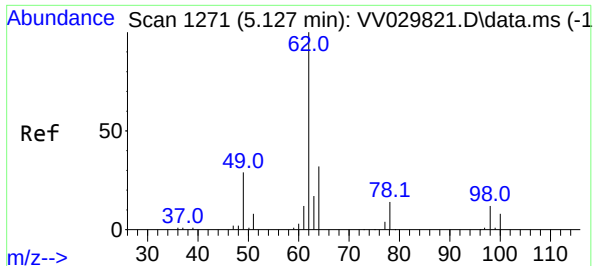
Tgt Ion: 73 Resp: 2742
Ion Ratio Lower Upper
73 100
43 25.1 13.0 19.4#
57 19.9 17.1 25.7



#21
2-Butanone
Concen: 2.375 ug/L
RT: 4.002 min Scan# 921
Delta R.T. 0.019 min
Lab File: VV029833.D
Acq: 14 Jan 2023 01:29

Tgt Ion: 43 Resp: 6518
Ion Ratio Lower Upper
43 100
72 32.9 13.9 41.6

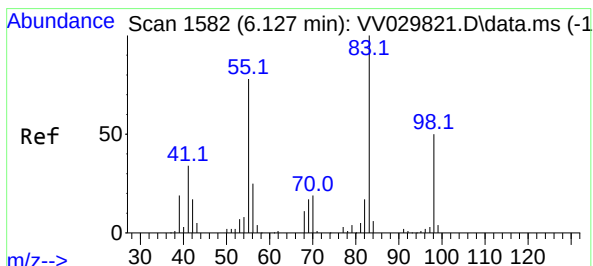
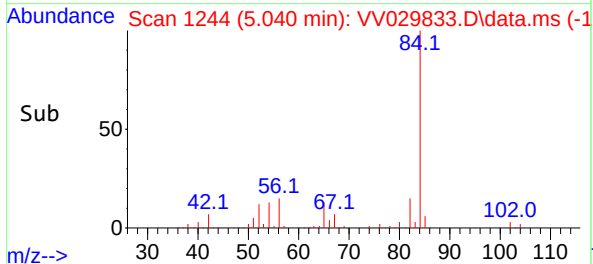
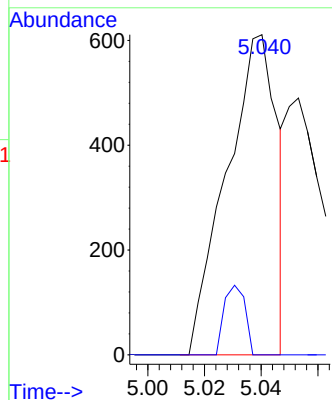
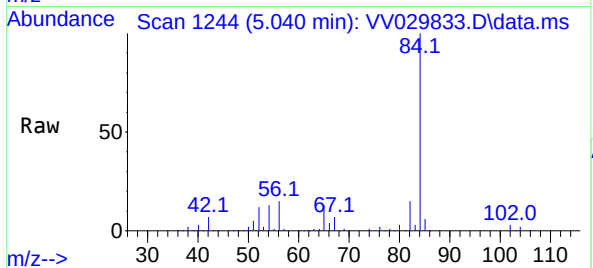




#27
1,2-Dichloroethane
Concen: 0.054 ug/L
RT: 5.040 min Scan# 11
Delta R.T. -0.080 min
Lab File: VV029833.D
Acq: 14 Jan 2023 01:29

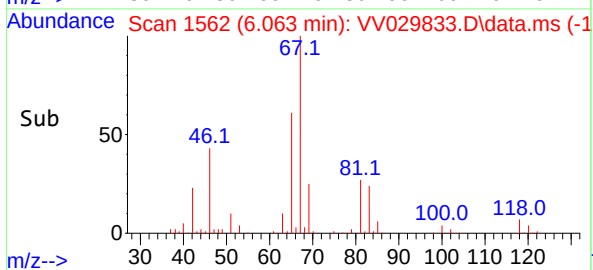
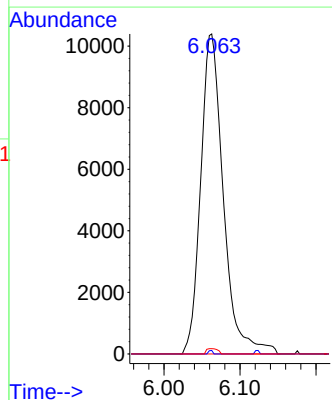
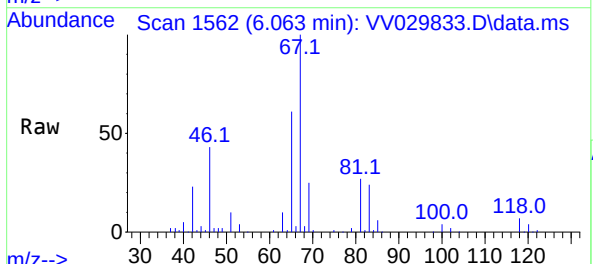
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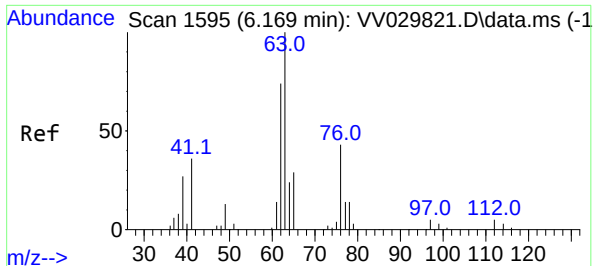
Tgt Ion: 62 Resp: 755
Ion Ratio Lower Upper
62 100
98 0.0 8.9 13.3#



#35
Methylcyclohexane
Concen: 0.773 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.058 min
Lab File: VV029833.D
Acq: 14 Jan 2023 01:29

Tgt Ion: 83 Resp: 21518
Ion Ratio Lower Upper
83 100
55 0.2 57.3 85.9#
98 0.8 39.0 58.6#

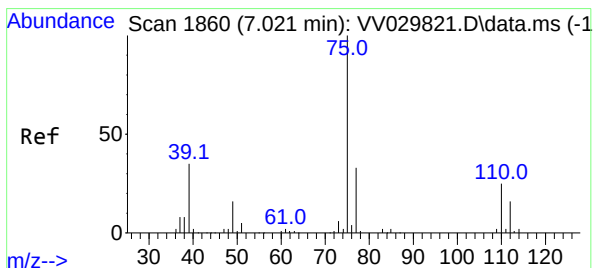
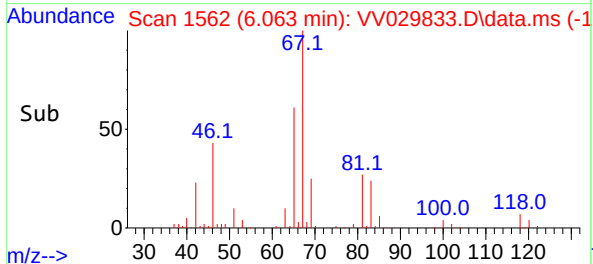
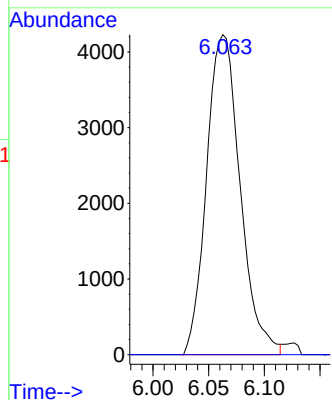
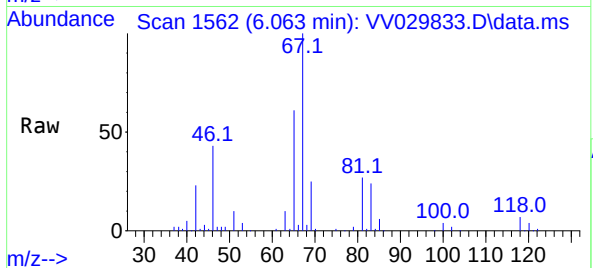




#37
1,2-Dichloropropane
Concen: 0.583 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV029833.D
Acq: 14 Jan 2023 01:29

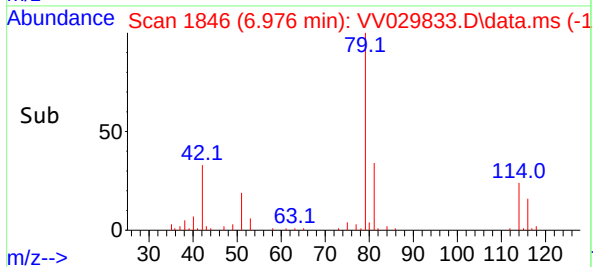
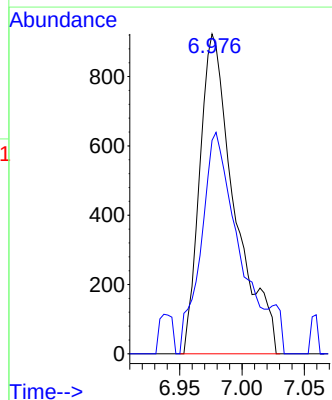
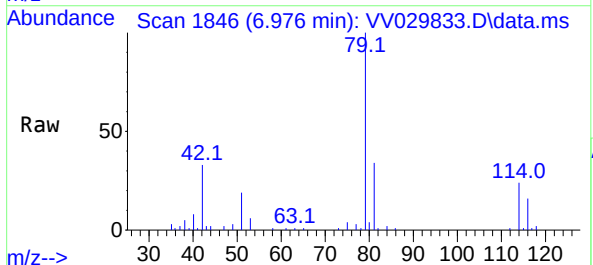
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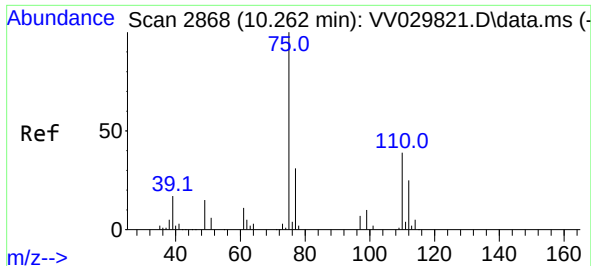
Tgt Ion: 63 Resp: 8874
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 6.976 min Scan# 1846
Delta R.T. -0.042 min
Lab File: VV029833.D
Acq: 14 Jan 2023 01:29

Tgt Ion: 75 Resp: 1794
Ion Ratio Lower Upper
75 100
77 66.7 22.4 41.6#





#61

1,2,3-Trichloropropane

Concen: 1.477 ug/L

RT: 11.236 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV029833.D

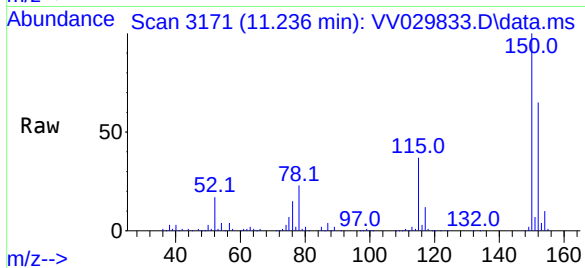
Acq: 14 Jan 2023 01:29

Instrument :

MSVOA_V

ClientSampleId :

BH1X5



Tgt Ion: 75 Resp: 11253

Ion Ratio Lower Upper

75 100

77 33.8 26.5 39.7

110 1.4 31.8 47.8#

