

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029834.D
 Acq On : 14 Jan 2023 01:53
 Operator : SY/MD
 Sample : 01138-13 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1X6

Quant Time: Jan 14 04:20:20 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)

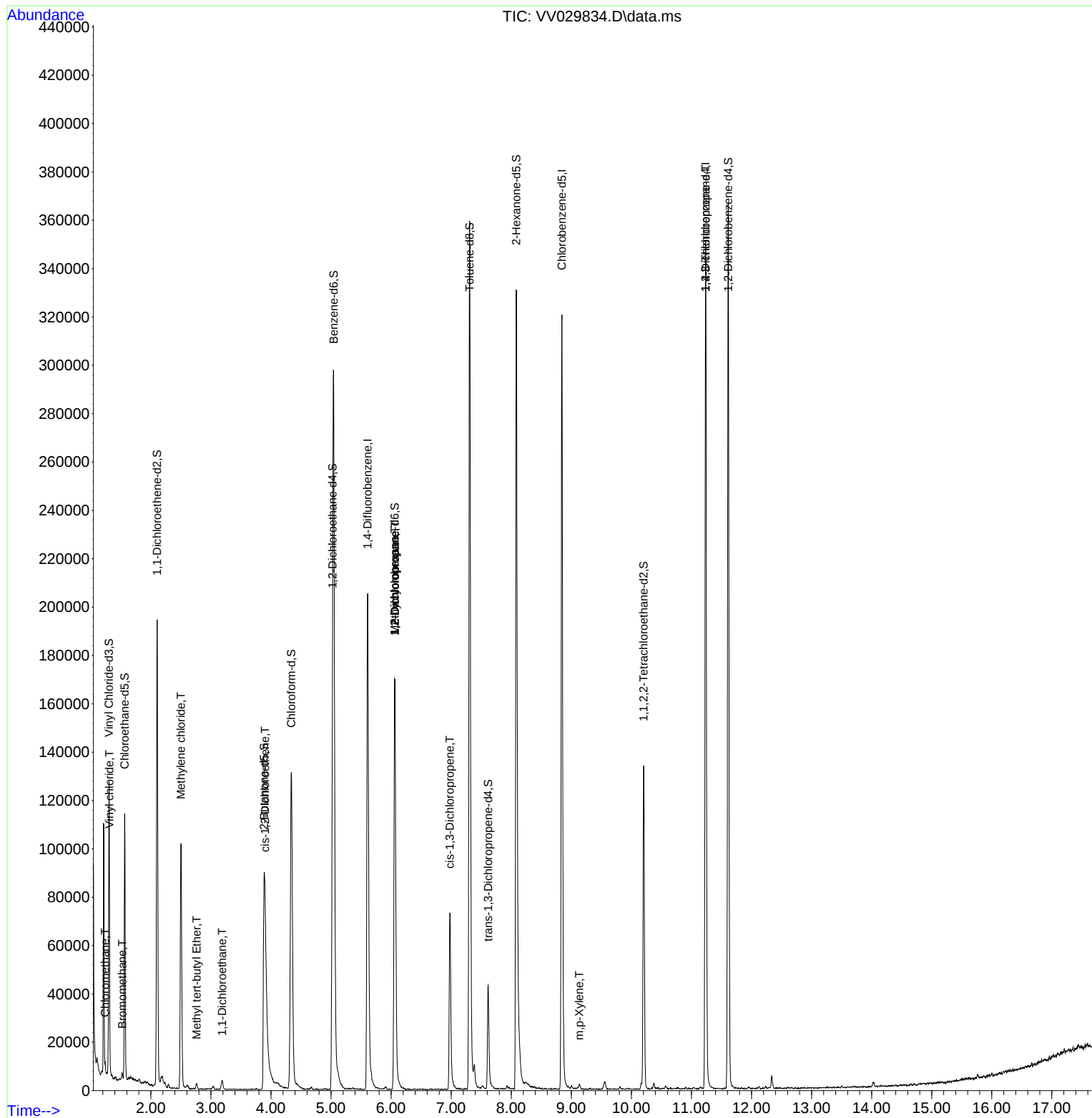
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	194534	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	190651	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	100734	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	70977	4.810	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.200%
7) Chloroethane-d5	1.565	69	68333	5.587	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.800%
11) 1,1-Dichloroethene-d2	2.105	63	97003	3.606	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.200%
20) 2-Butanone-d5	3.886	46	143972	55.051	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.100%
24) Chloroform-d	4.339	84	144895	5.353	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.000%
26) 1,2-Dichloroethane-d4	5.024	65	64929	5.664	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.200%
32) Benzene-d6	5.044	84	304168	5.378	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%
36) 1,2-Dichloropropane-d6	6.060	67	92430	5.585	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.600%
41) Toluene-d8	7.307	98	257454	4.917	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	7.616	79	27709	4.584	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.085	63	129877	52.776	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.560%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	67111	5.533	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.600%
66) 1,2-Dichlorobenzene-d4	11.612	152	100811	5.505	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.000%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	2311	0.121	ug/L	92
5) Vinyl chloride	1.311	62	4134	0.221	ug/L #	67
6) Bromomethane	1.523	94	1106	0.122	ug/L	89
16) Methylene chloride	2.500	84	45898	2.224	ug/L	95
17) Methyl tert-butyl Ether	2.764	73	847	0.029	ug/L #	51
19) 1,1-Dichloroethane	3.188	63	4078	0.158	ug/L	88
22) cis-1,2-Dichloroethene	3.902	96	4997	0.304	ug/L	83
35) Methylcyclohexane	6.060	83	22417	0.831	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	9791	0.663	ug/L #	85
39) cis-1,3-Dichloropropene	6.979	75	1840	0.093	ug/L #	58
53) m,p-Xylene	9.133	106	850	0.030	ug/L	64
61) 1,2,3-Trichloropropane	11.236	75	10903	1.462	ug/L #	61

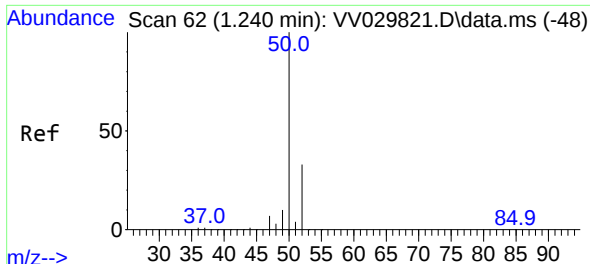
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 12 22:05:54 2023
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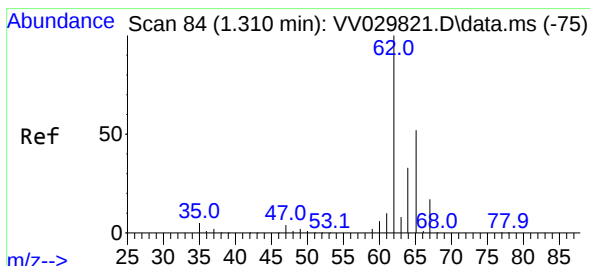
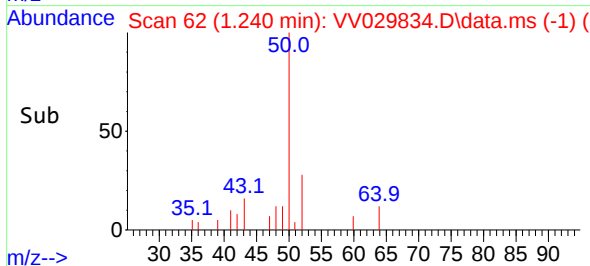
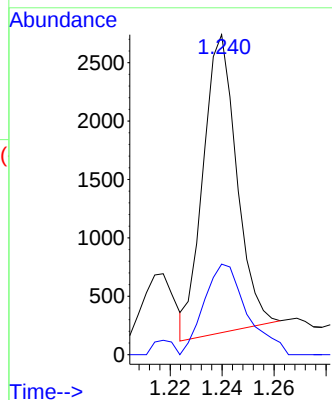
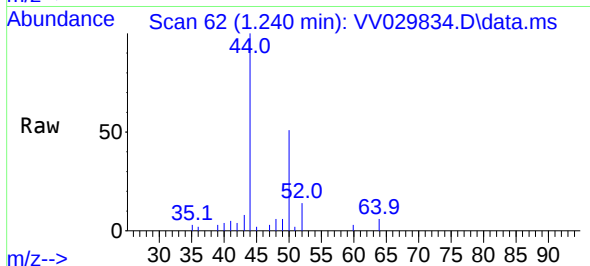




#3
Chloromethane
Concen: 0.121 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029834.D
Acq: 14 Jan 2023 01:53

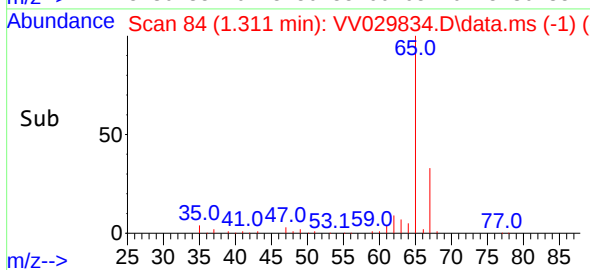
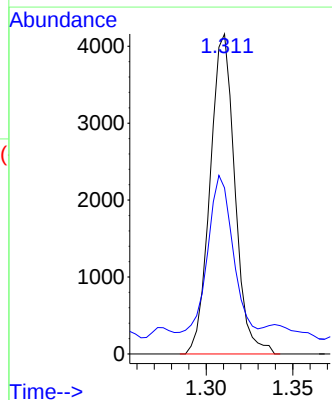
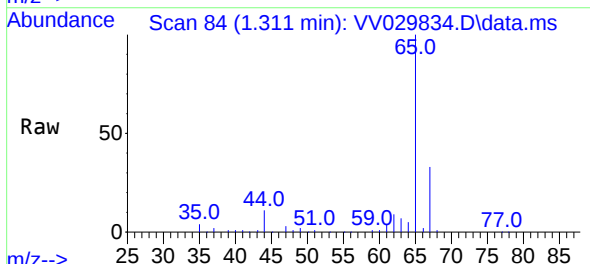
Instrument :
MSVOA_V
ClientSampleId :
BH1X6

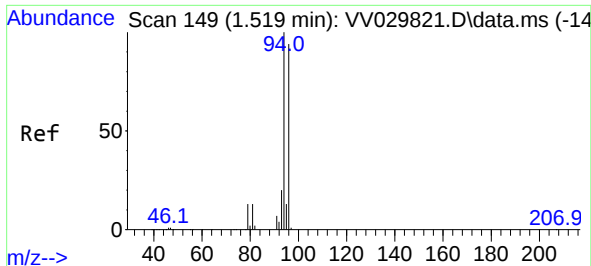
Tgt Ion: 50 Resp: 2311
Ion Ratio Lower Upper
50 100
52 28.3 23.1 42.9



#5
Vinyl chloride
Concen: 0.221 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.006 min
Lab File: VV029834.D
Acq: 14 Jan 2023 01:53

Tgt Ion: 62 Resp: 4134
Ion Ratio Lower Upper
62 100
64 51.9 23.2 43.2#

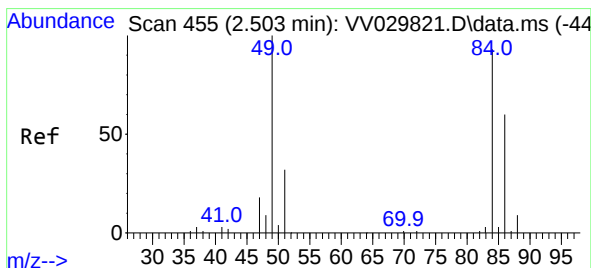
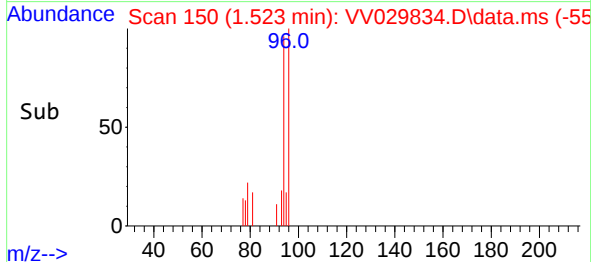
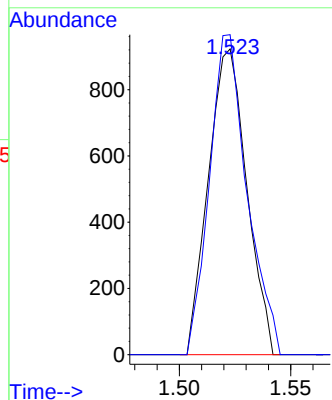
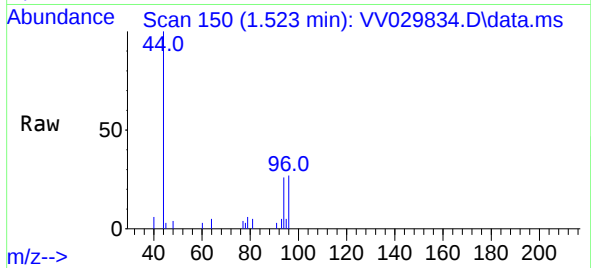




#6
Bromomethane
Concen: 0.122 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV029834.D
Acq: 14 Jan 2023 01:53

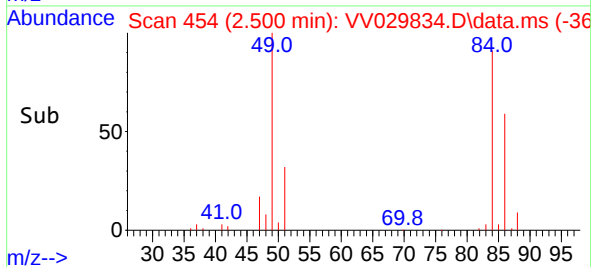
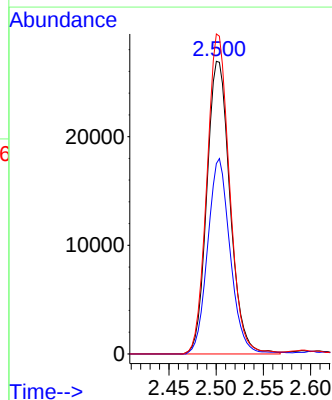
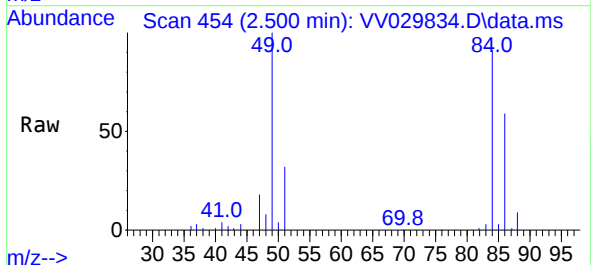
Instrument :
MSVOA_V
ClientSampleId :
BH1X6

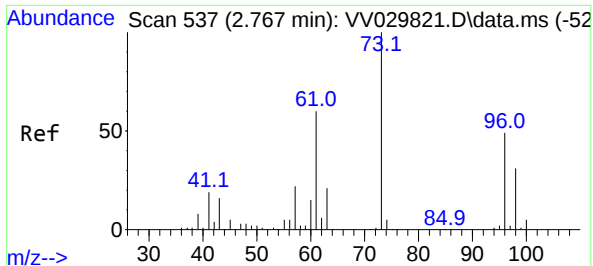
Tgt Ion: 94 Resp: 1106
Ion Ratio Lower Upper
94 100
96 104.7 65.9 122.5



#16
Methylene chloride
Concen: 2.224 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV029834.D
Acq: 14 Jan 2023 01:53

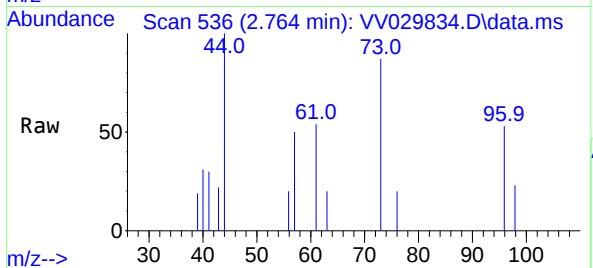
Tgt Ion: 84 Resp: 45898
Ion Ratio Lower Upper
84 100
86 65.0 45.0 83.6
49 109.3 71.5 132.7



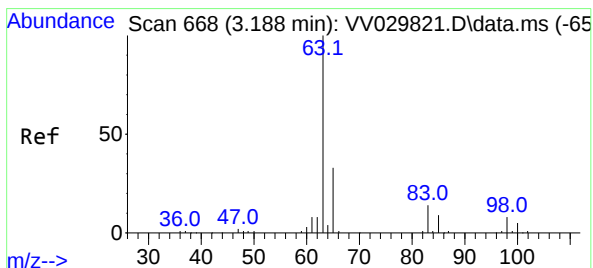
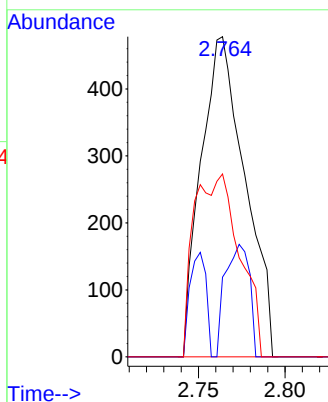
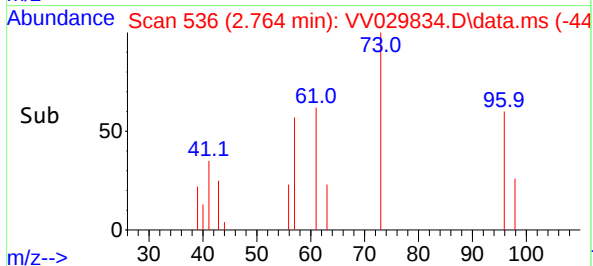


#17
Methyl tert-butyl Ether
Concen: 0.029 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029834.D
Acq: 14 Jan 2023 01:53

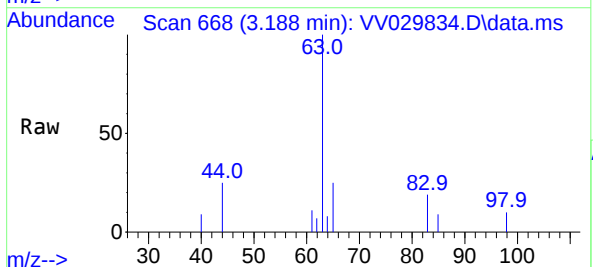
Instrument :
MSVOA_V
ClientSampleId :
BH1X6



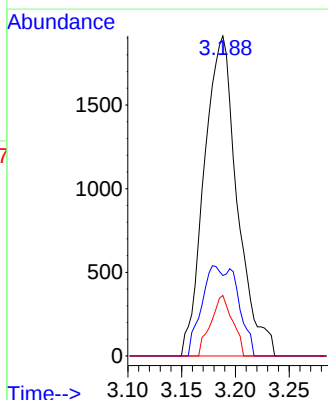
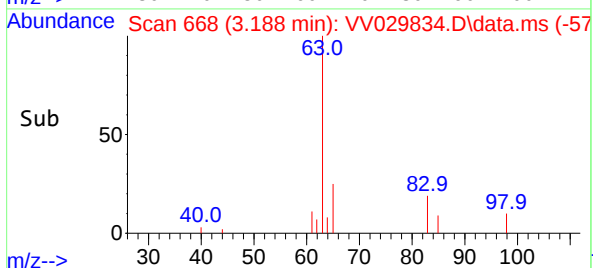
Tgt Ion: 73 Resp: 847
Ion Ratio Lower Upper
73 100
43 19.2 13.0 19.4
57 59.1 17.1 25.7#

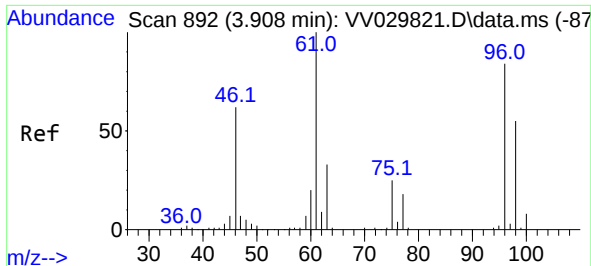


#19
1,1-Dichloroethane
Concen: 0.158 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.010 min
Lab File: VV029834.D
Acq: 14 Jan 2023 01:53



Tgt Ion: 63 Resp: 4078
Ion Ratio Lower Upper
63 100
65 25.1 22.4 41.6
83 18.9 10.2 19.0



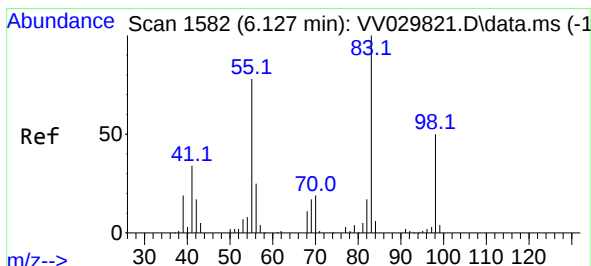
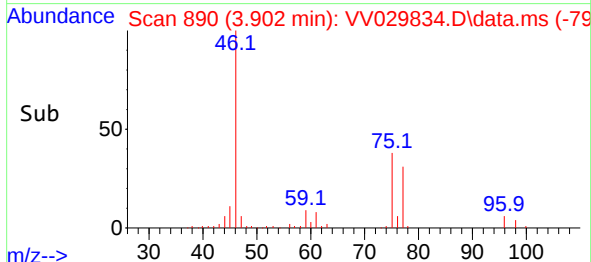
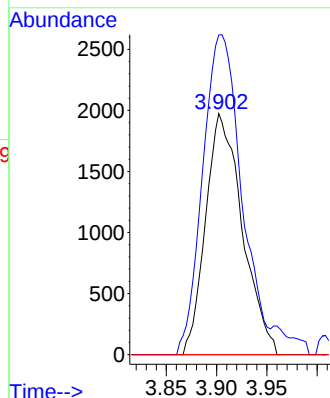
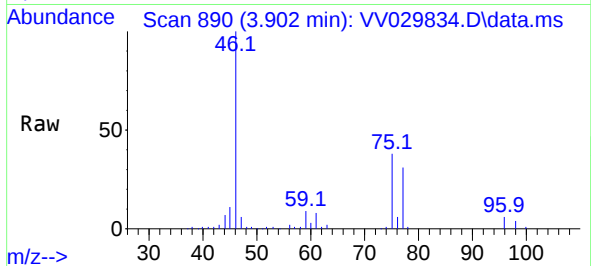


#22
 cis-1,2-Dichloroethene
 Concen: 0.304 ug/L
 RT: 3.902 min Scan# 89
 Delta R.T. 0.003 min
 Lab File: VV029834.D
 Acq: 14 Jan 2023 01:53

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1X6

Tgt Ion: 96 Resp: 4997

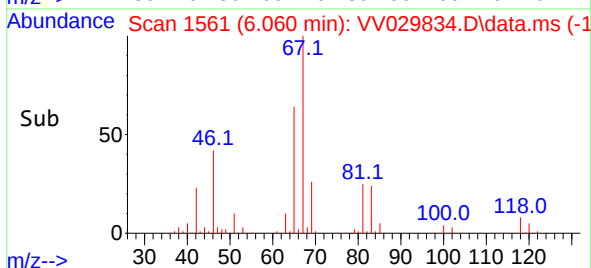
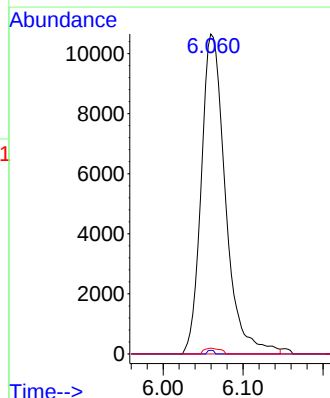
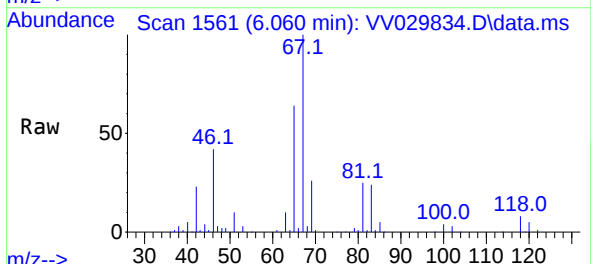
Ion	Ratio	Lower	Upper
96	100		
61	132.6	80.0	148.6
68	0.0	0.0	0.0

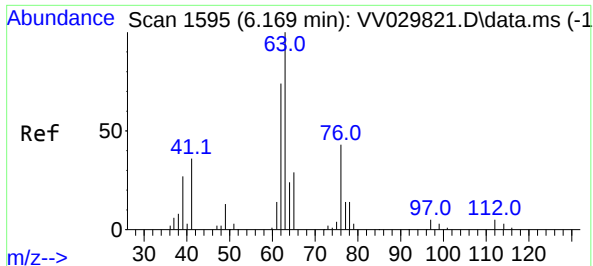


#35
 Methylcyclohexane
 Concen: 0.831 ug/L
 RT: 6.060 min Scan# 1561
 Delta R.T. -0.061 min
 Lab File: VV029834.D
 Acq: 14 Jan 2023 01:53

Tgt Ion: 83 Resp: 22417

Ion	Ratio	Lower	Upper
83	100		
55	0.3	57.3	85.9#
98	1.2	39.0	58.6#

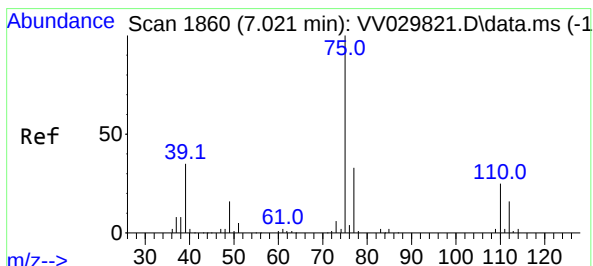
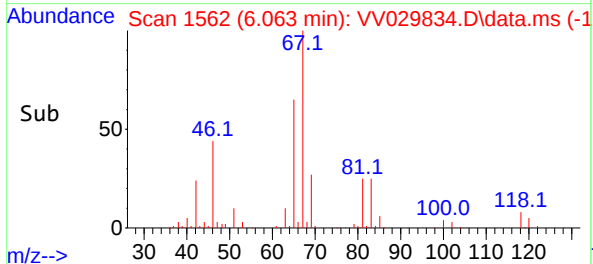
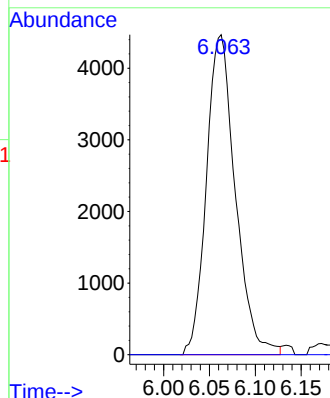
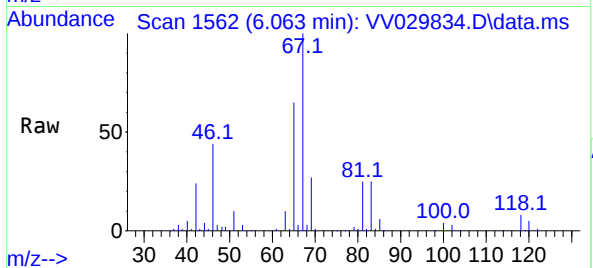




#37
1,2-Dichloropropane
Concen: 0.663 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV029834.D
Acq: 14 Jan 2023 01:53

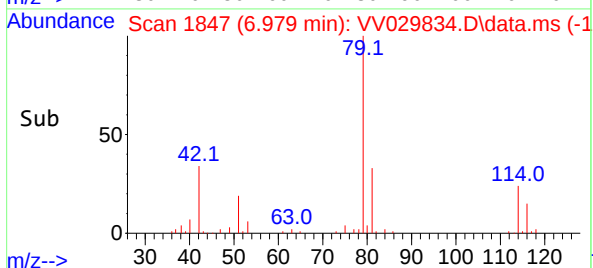
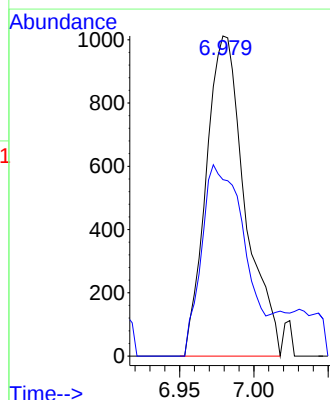
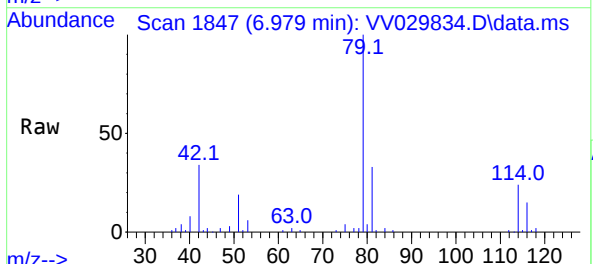
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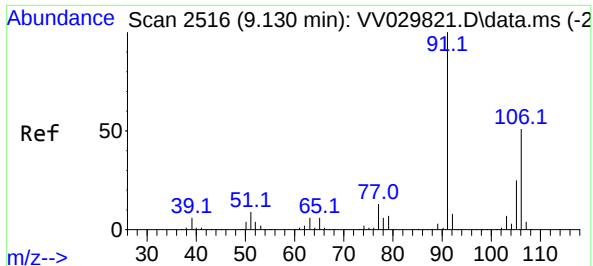
Tgt Ion: 63 Resp: 9791
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.093 ug/L
RT: 6.979 min Scan# 1847
Delta R.T. -0.039 min
Lab File: VV029834.D
Acq: 14 Jan 2023 01:53

Tgt Ion: 75 Resp: 1840
Ion Ratio Lower Upper
75 100
77 55.1 22.4 41.6#

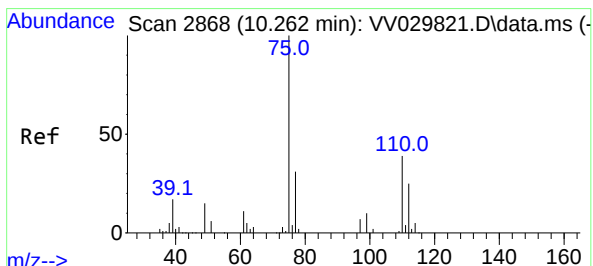
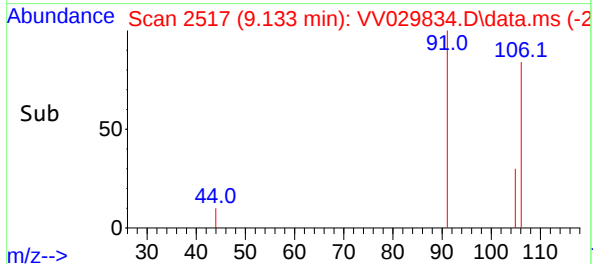
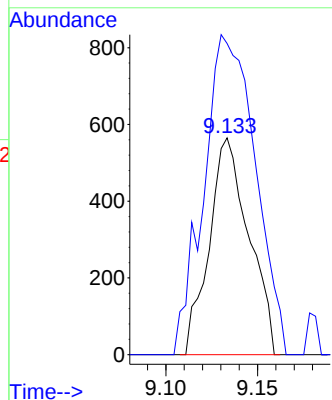
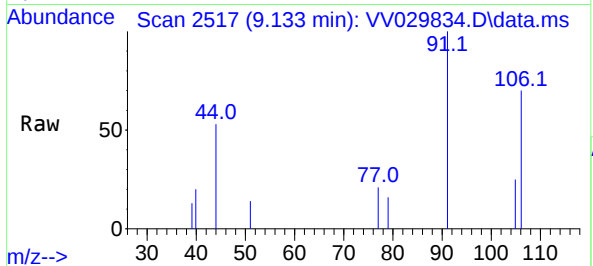




#53
m,p-Xylene
Concen: 0.030 ug/L
RT: 9.133 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029834.D
Acq: 14 Jan 2023 01:53

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:106 Resp: 850
Ion Ratio Lower Upper
106 100
91 143.5 138.7 257.7



#61
1,2,3-Trichloropropane
Concen: 1.462 ug/L
RT: 11.236 min Scan# 3171
Delta R.T. 0.974 min
Lab File: VV029834.D
Acq: 14 Jan 2023 01:53

Tgt Ion: 75 Resp: 10903
Ion Ratio Lower Upper
75 100
77 39.4 26.5 39.7
110 1.9 31.8 47.8#

