

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029825.D
 Acq On : 13 Jan 2023 22:16
 Operator : SY/MD
 Sample : 01136-15 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1T8DL

Quant Time: Jan 14 01:08:31 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)

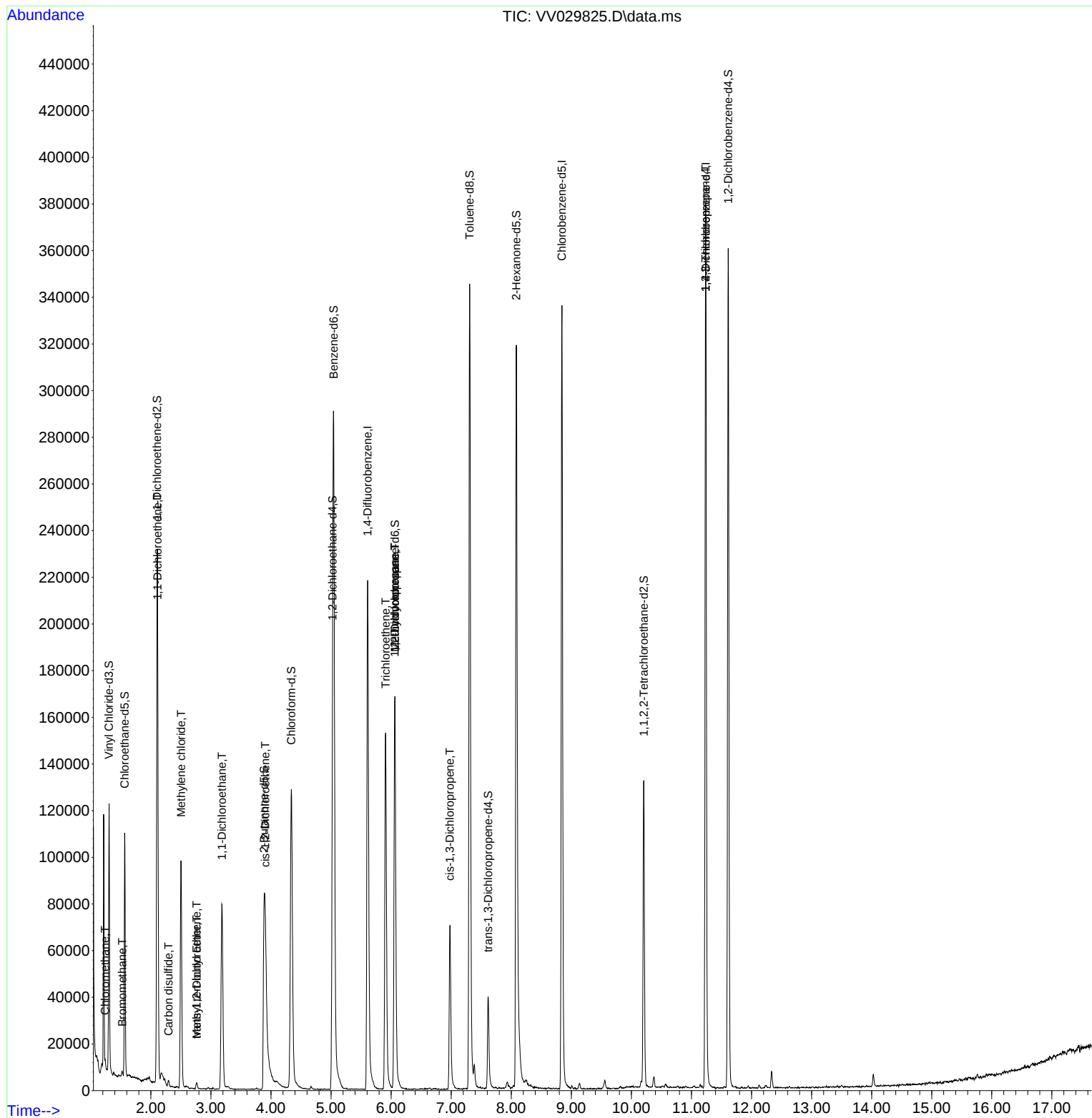
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	207532	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	203028	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	106371	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	68834	4.373	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.564	69	64690	4.958	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.104	63	106973	3.728	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.600%
20) 2-Butanone-d5	3.886	46	131305	47.063	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.120%
24) Chloroform-d	4.339	84	140922	4.880	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.024	65	62740	5.131	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.043	84	294998	4.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.063	67	92242	5.233	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.307	98	253325	4.543	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	7.615	79	25310	3.932	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.600%
46) 2-Hexanone-d5	8.085	63	130807	49.914	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.820%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	66906	5.180	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	11.612	152	100228	5.183	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
3) Chloromethane	1.240	50	2001	0.098	ug/L	89
6) Bromomethane	1.522	94	1094	0.113	ug/L	98
12) 1,1-Dichloroethene	2.114	96	25966	1.465	ug/L #	29
14) Carbon disulfide	2.294	76	4066	0.080	ug/L #	95
16) Methylene chloride	2.503	84	42265	1.920	ug/L	94
17) Methyl tert-butyl Ether	2.764	73	1141	0.037	ug/L	96
18) trans-1,2-Dichloroethene	2.760	96	766	0.047	ug/L	87
19) 1,1-Dichloroethane	3.182	63	81258	2.949	ug/L	100
22) cis-1,2-Dichloroethene	3.905	96	13889	0.791	ug/L	94
34) Trichloroethene	5.908	95	57960	3.407	ug/L	97
35) Methylcyclohexane	6.063	83	21210	0.739	ug/L #	20
37) 1,2-Dichloropropane	6.059	63	9253	0.589	ug/L #	85
39) cis-1,3-Dichloropropene	6.979	75	1867	0.089	ug/L #	64
61) 1,2,3-Trichloropropane	11.236	75	11639	1.478	ug/L #	65

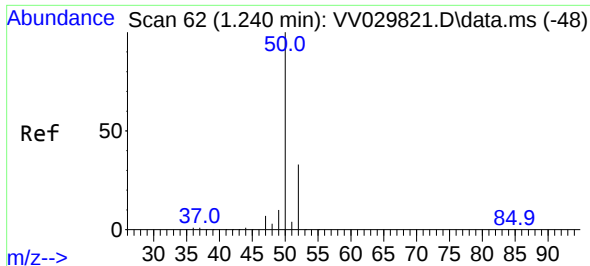
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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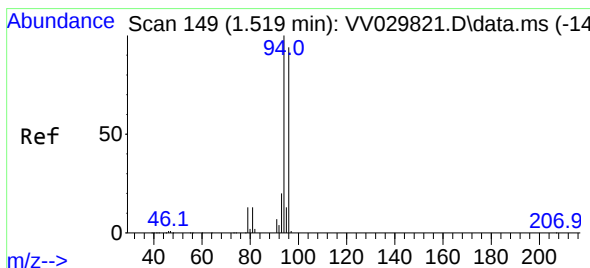
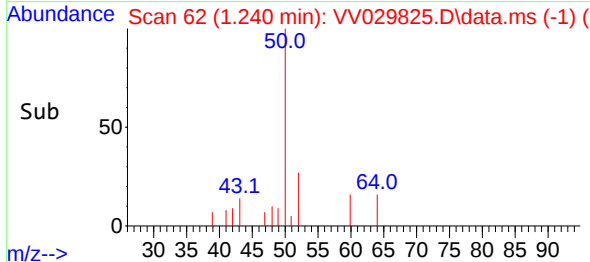
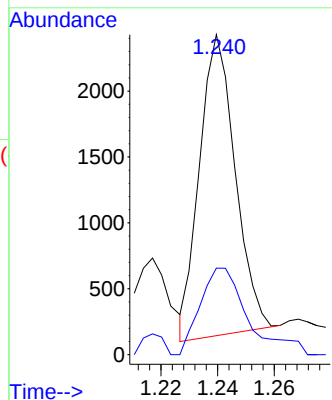
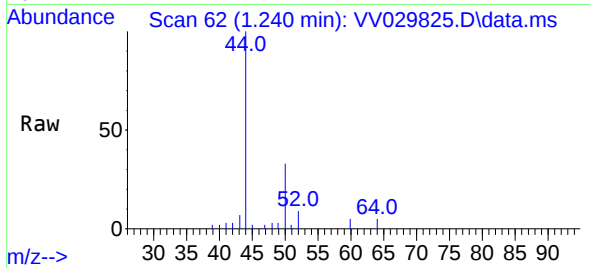




#3
Chloromethane
Concen: 0.098 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029825.D
Acq: 13 Jan 2023 22:16

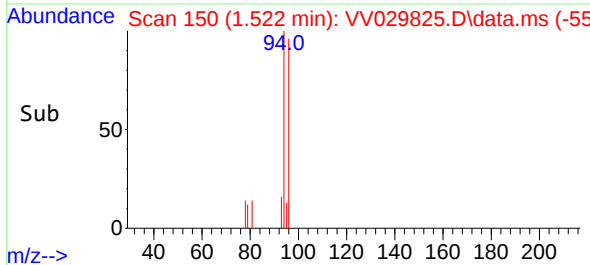
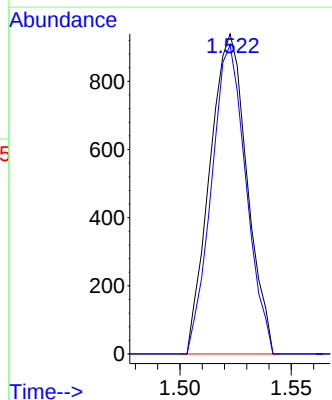
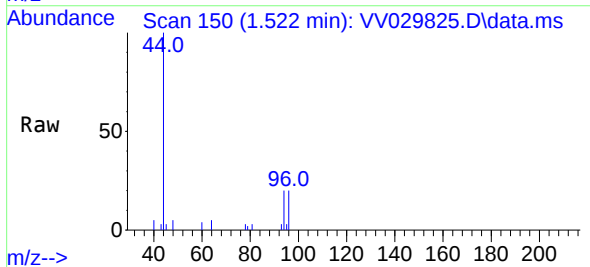
Instrument :
MSVOA_V
ClientSampleId :
BH1T8DL

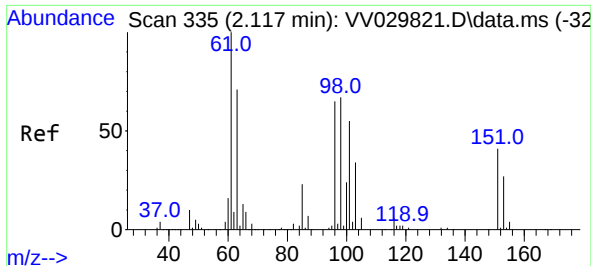
Tgt Ion: 50 Resp: 2001
Ion Ratio Lower Upper
50 100
52 27.1 23.1 42.9



#6
Bromomethane
Concen: 0.113 ug/L
RT: 1.522 min Scan# 150
Delta R.T. 0.006 min
Lab File: VV029825.D
Acq: 13 Jan 2023 22:16

Tgt Ion: 94 Resp: 1094
Ion Ratio Lower Upper
94 100
96 96.5 65.9 122.5

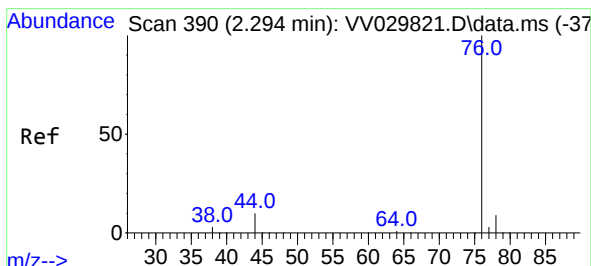
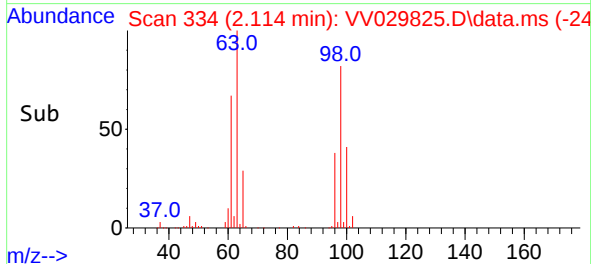
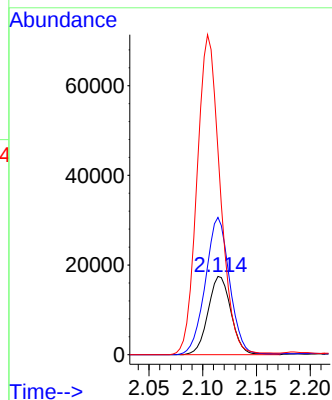
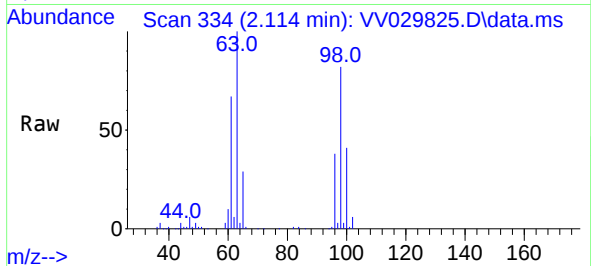




#12
1,1-Dichloroethene
Concen: 1.465 ug/L
RT: 2.114 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV029825.D
Acq: 13 Jan 2023 22:16

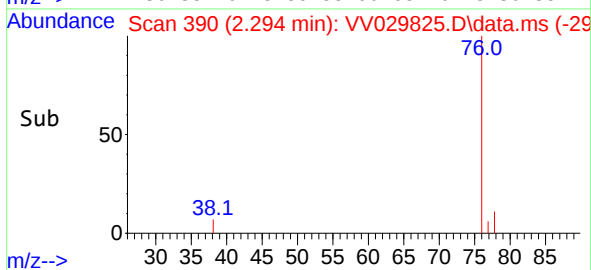
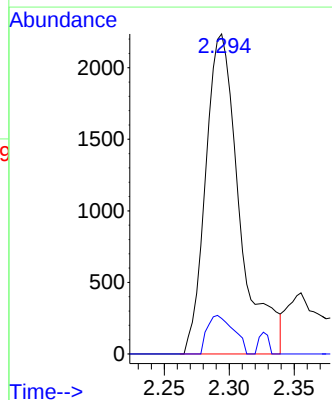
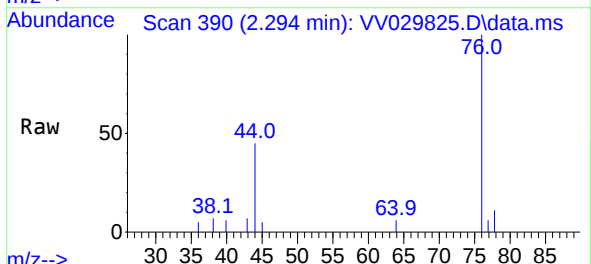
Instrument :
MSVOA_V
ClientSampleId :
BH1T8DL

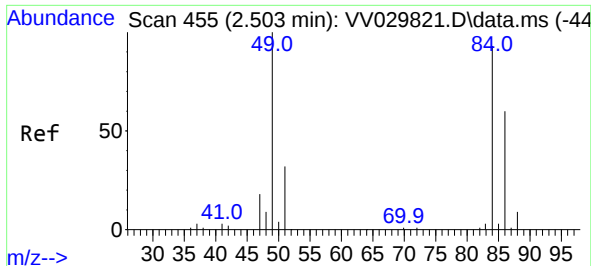
Tgt Ion: 96 Resp: 25966
Ion Ratio Lower Upper
96 100
61 175.5 106.1 197.1
63 261.2 76.4 141.8#



#14
Carbon disulfide
Concen: 0.080 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.009 min
Lab File: VV029825.D
Acq: 13 Jan 2023 22:16

Tgt Ion: 76 Resp: 4066
Ion Ratio Lower Upper
76 100
78 11.1 7.4 11.0#

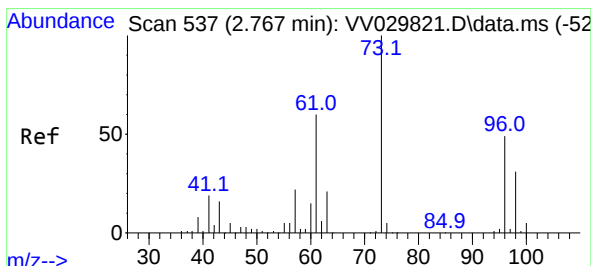
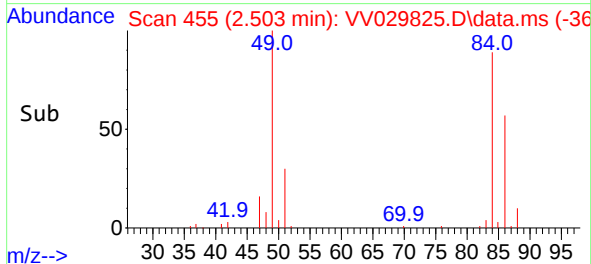
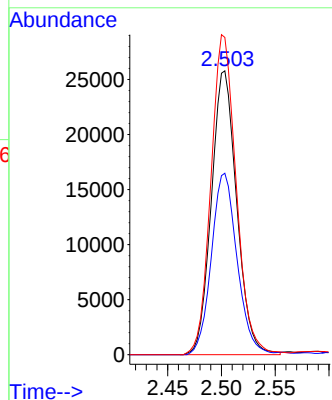
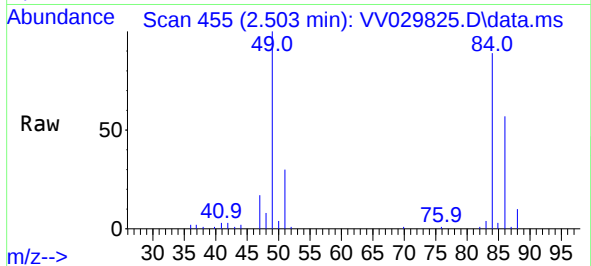




#16
Methylene chloride
Concen: 1.920 ug/L
RT: 2.503 min Scan# 411
Delta R.T. 0.006 min
Lab File: VV029825.D
Acq: 13 Jan 2023 22:16

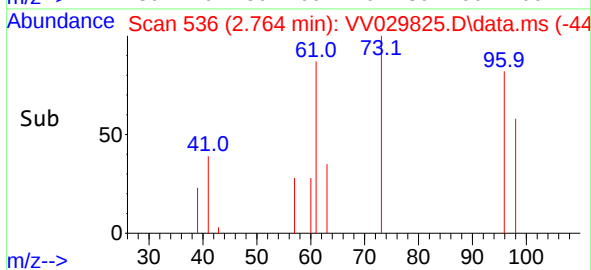
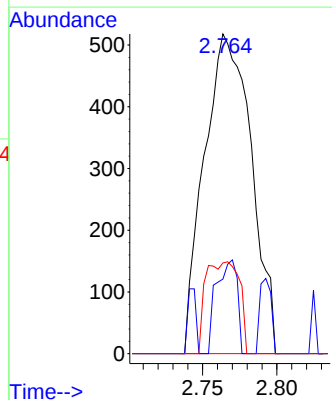
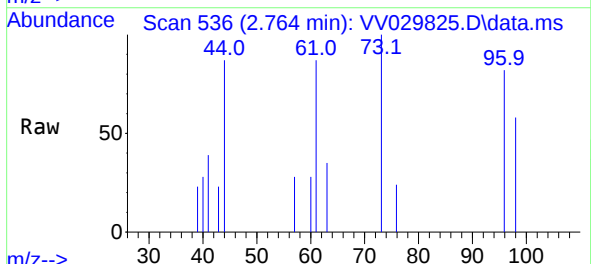
Instrument :
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BH1T8DL

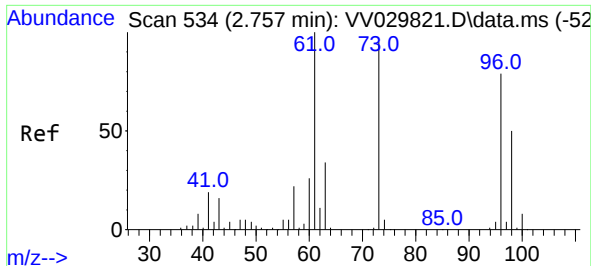
Tgt Ion:	84	Resp:	42265
Ion	Ratio	Lower	Upper
84	100		
86	63.9	45.0	83.6
49	111.8	71.5	132.7



#17
Methyl tert-butyl Ether
Concen: 0.037 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV029825.D
Acq: 13 Jan 2023 22:16

Tgt Ion:	73	Resp:	1141
Ion	Ratio	Lower	Upper
73	100		
43	13.0	13.0	19.4
57	20.5	17.1	25.7

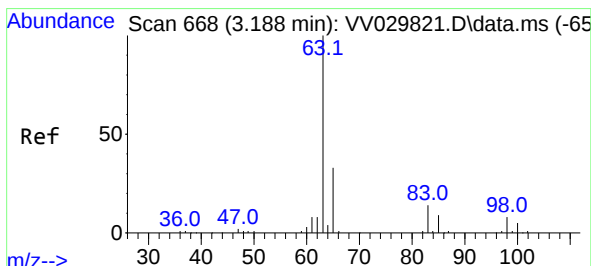
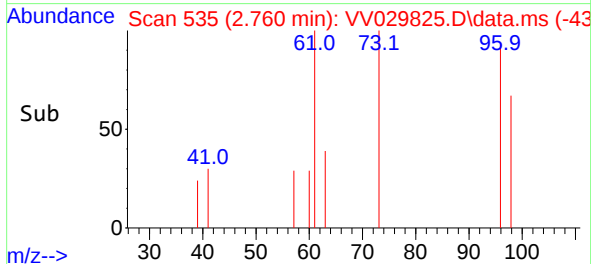
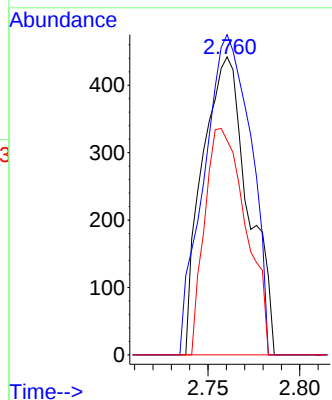
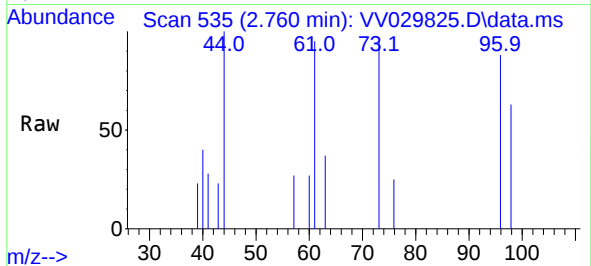




#18
trans-1,2-Dichloroethene
Concen: 0.047 ug/L
RT: 2.760 min Scan# 51
Delta R.T. 0.009 min
Lab File: VV029825.D
Acq: 13 Jan 2023 22:16

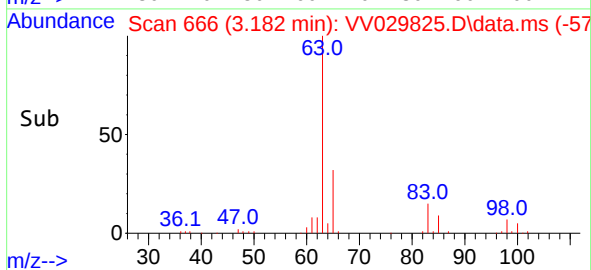
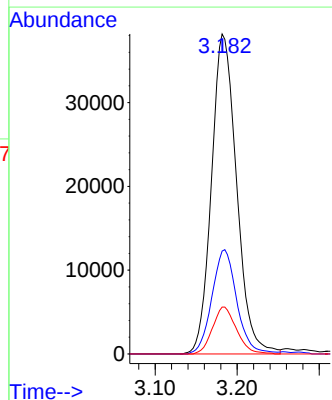
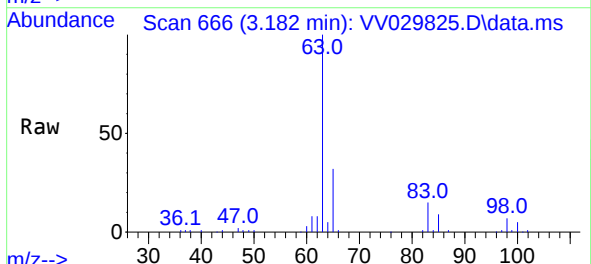
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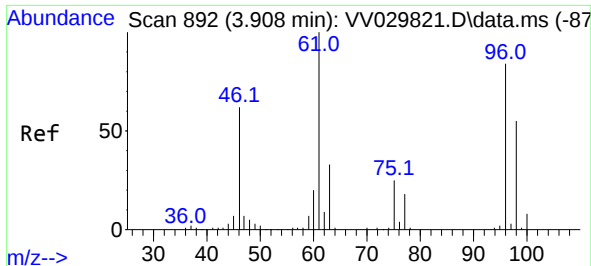
Tgt Ion: 96 Resp: 766
Ion Ratio Lower Upper
96 100
61 107.5 86.1 159.9
98 71.9 43.9 81.5



#19
1,1-Dichloroethane
Concen: 2.949 ug/L
RT: 3.182 min Scan# 666
Delta R.T. 0.003 min
Lab File: VV029825.D
Acq: 13 Jan 2023 22:16

Tgt Ion: 63 Resp: 81258
Ion Ratio Lower Upper
63 100
65 32.2 22.4 41.6
83 14.7 10.2 19.0

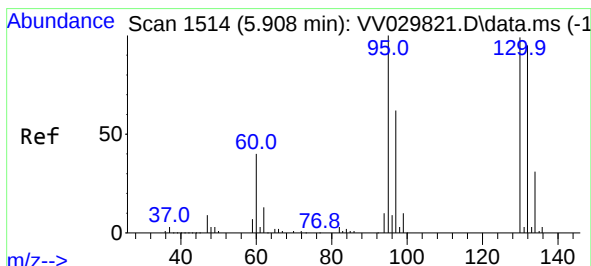
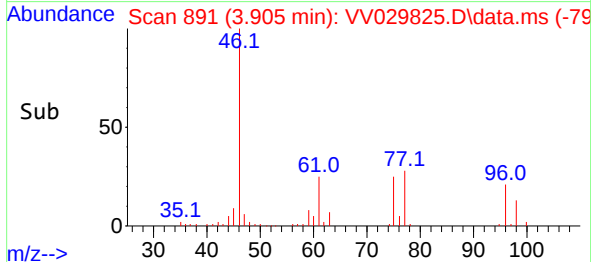
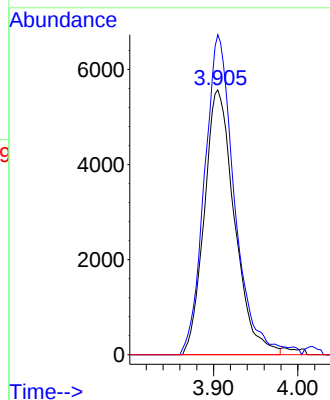
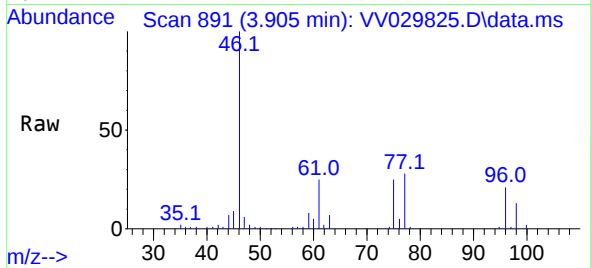




#22
cis-1,2-Dichloroethene
Concen: 0.791 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.006 min
Lab File: VV029825.D
Acq: 13 Jan 2023 22:16

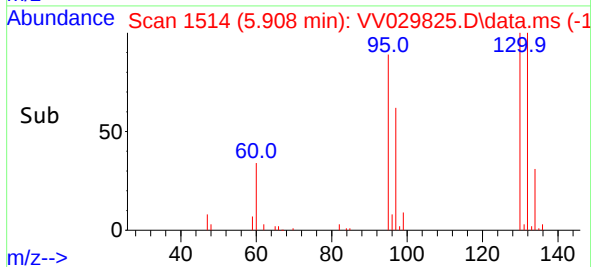
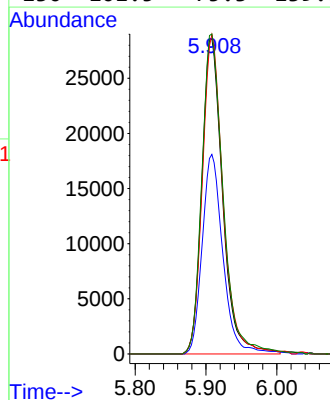
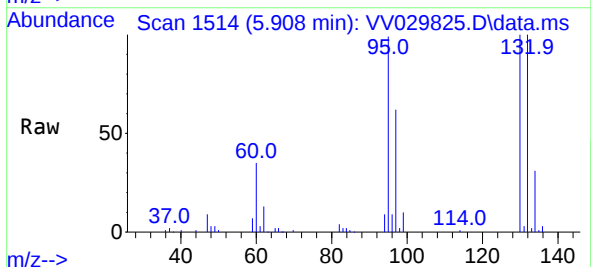
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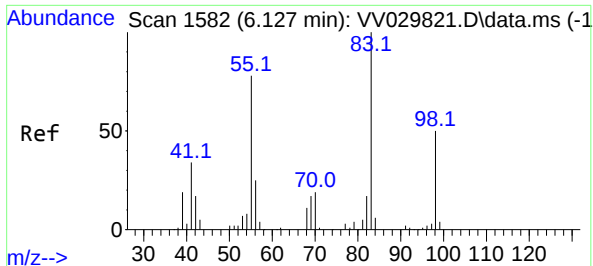
Tgt Ion: 96 Resp: 13889
Ion Ratio Lower Upper
96 100
61 120.8 80.0 148.6
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 3.407 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.003 min
Lab File: VV029825.D
Acq: 13 Jan 2023 22:16

Tgt Ion: 95 Resp: 57960
Ion Ratio Lower Upper
95 100
97 63.3 44.9 83.3
132 101.3 71.8 133.4
130 101.5 75.3 139.8





#35

Methylcyclohexane

Concen: 0.739 ug/L

RT: 6.063 min Scan# 1561

Delta R.T. -0.058 min

Lab File: VV029825.D

Acq: 13 Jan 2023 22:16

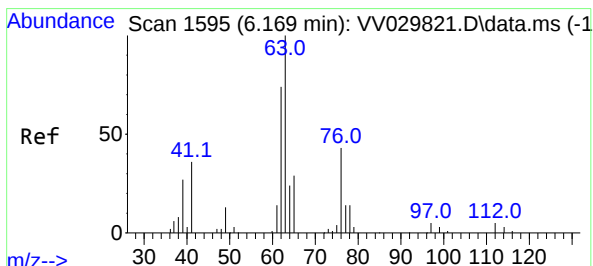
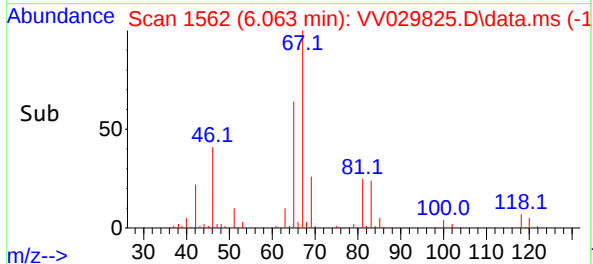
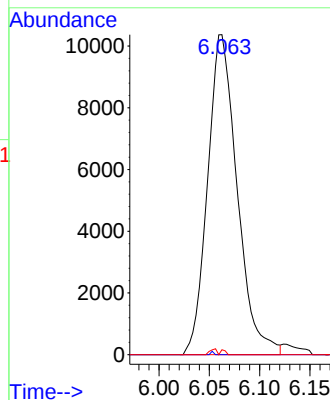
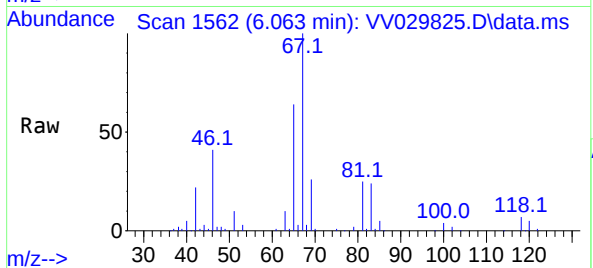
Instrument :

MSVOA_V

ClientSampleId :

BH1T8DL

Tgt Ion: 83	Resp: 21210
Ion Ratio	Lower Upper
83 100	
55 0.0	57.3 85.9#
98 0.3	39.0 58.6#



#37

1,2-Dichloropropane

Concen: 0.589 ug/L

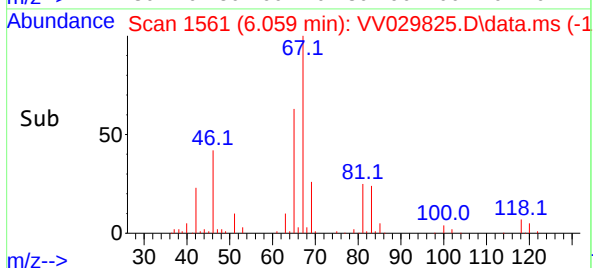
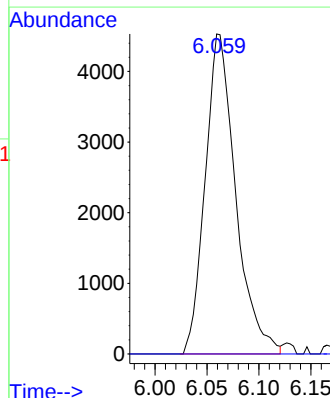
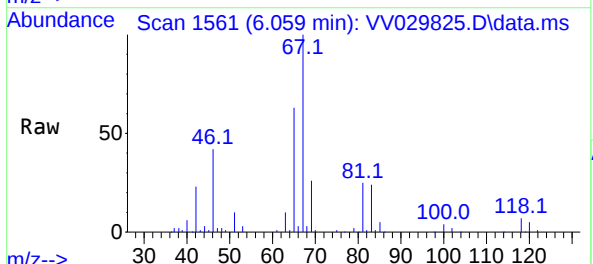
RT: 6.059 min Scan# 1561

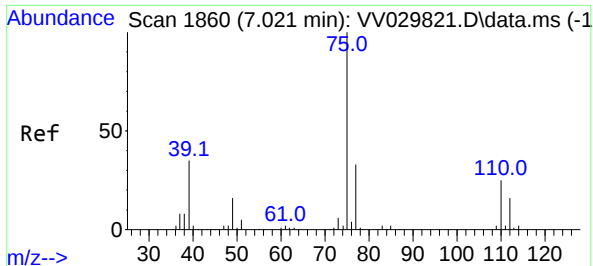
Delta R.T. -0.103 min

Lab File: VV029825.D

Acq: 13 Jan 2023 22:16

Tgt Ion: 63	Resp: 9253
Ion Ratio	Lower Upper
63 100	
112 0.0	3.9 5.9#

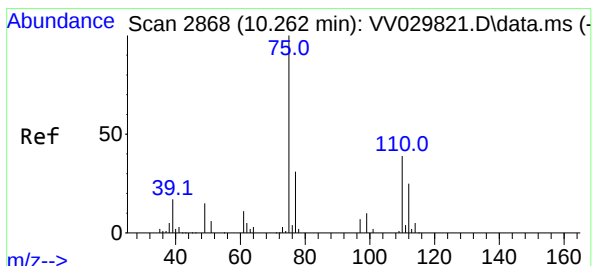
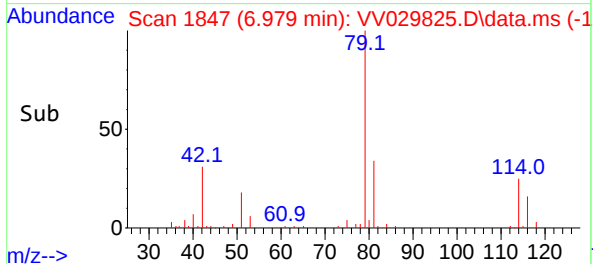
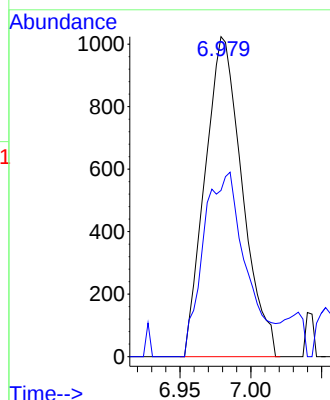
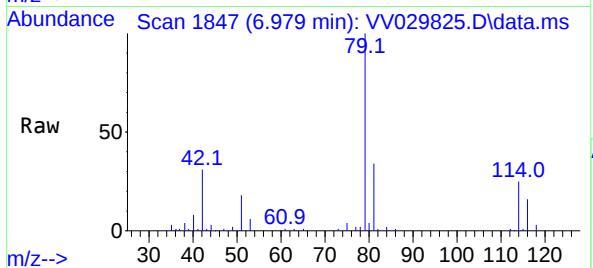




#39
cis-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 6.979 min Scan# 11
Delta R.T. -0.039 min
Lab File: VV029825.D
Acq: 13 Jan 2023 22:16

Instrument :
MSVOA_V
ClientSampleId :
BH1T8DL

Tgt Ion: 75 Resp: 1867
Ion Ratio Lower Upper
75 100
77 52.0 22.4 41.6#



#61
1,2,3-Trichloropropane
Concen: 1.478 ug/L
RT: 11.236 min Scan# 3171
Delta R.T. 0.974 min
Lab File: VV029825.D
Acq: 13 Jan 2023 22:16

Tgt Ion: 75 Resp: 11639
Ion Ratio Lower Upper
75 100
77 32.1 26.5 39.7
110 0.9 31.8 47.8#

