

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029819.D
 Acq On : 13 Jan 2023 19:29
 Operator : SY/MD
 Sample : 01138-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1Y2

Quant Time: Jan 13 22:53:15 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)

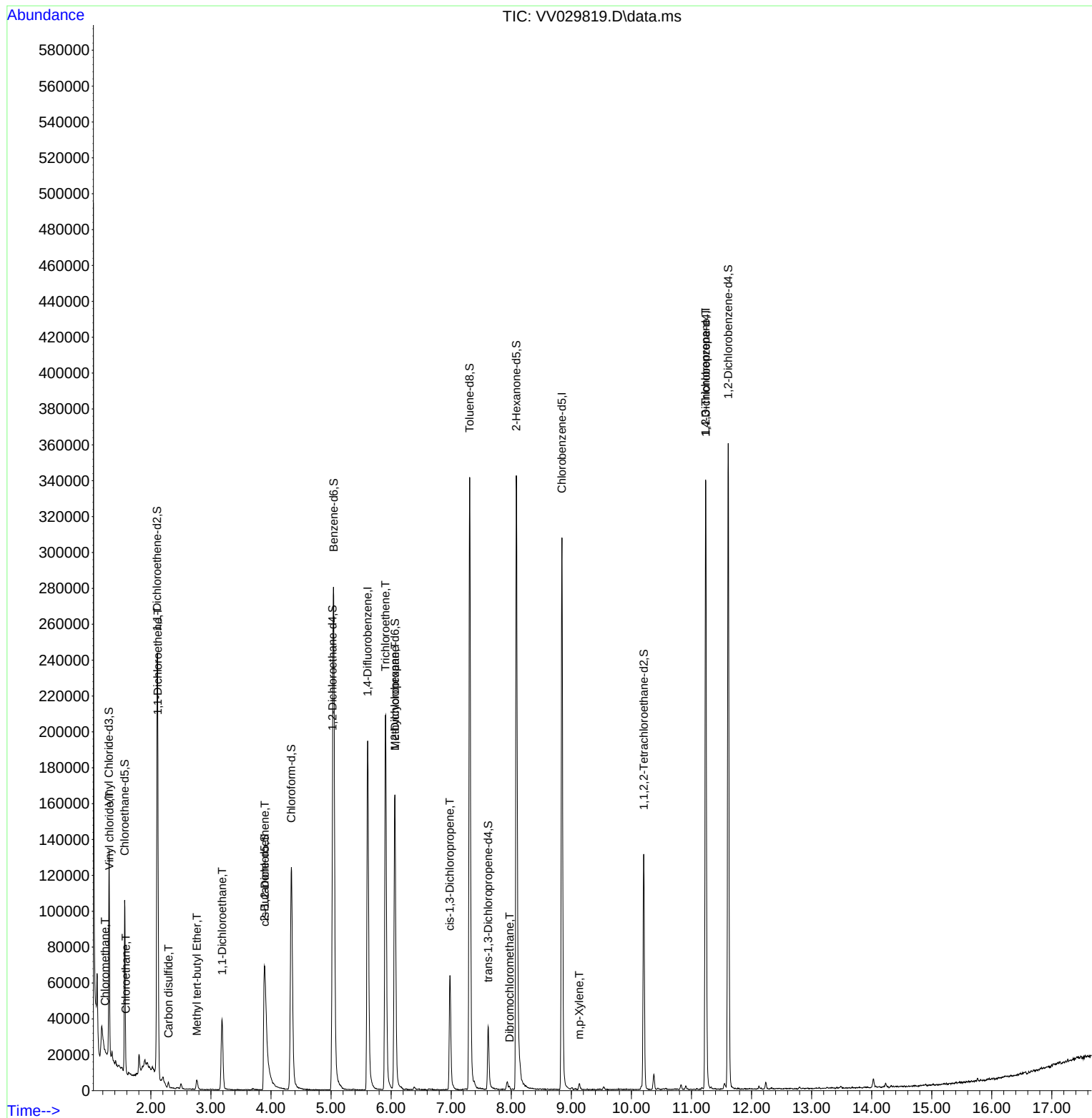
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	185212	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	185059	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	96092	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	64941	4.623	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.400%
7) Chloroethane-d5	1.565	69	59661	5.123	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.400%
11) 1,1-Dichloroethene-d2	2.105	63	103898	4.057	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	3.892	46	150317	60.370	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.740%
24) Chloroform-d	4.339	84	137037	5.318	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.400%
26) 1,2-Dichloroethane-d4	5.024	65	62844	5.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.200%
32) Benzene-d6	5.044	84	281028	5.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	6.063	67	87264	5.432	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.600%
41) Toluene-d8	7.307	98	245836	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	7.616	79	23662	4.033	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.085	63	137578	57.595	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.180%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	66755	5.670	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.400%
66) 1,2-Dichlorobenzene-d4	11.612	152	99607	5.702	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.000%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1233	0.068	ug/L	98
5) Vinyl chloride	1.311	62	3238	0.182	ug/L #	47
8) Chloroethane	1.584	64	846	0.078	ug/L #	70
12) 1,1-Dichloroethene	2.118	96	32772	2.072	ug/L #	76
14) Carbon disulfide	2.294	76	4240	0.093	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	4877	0.178	ug/L #	88
19) 1,1-Dichloroethane	3.185	63	40653	1.653	ug/L	99
22) cis-1,2-Dichloroethene	3.899	96	2527	0.161	ug/L	99
34) Trichloroethene	5.905	95	77072	4.971	ug/L	96
35) Methylcyclohexane	6.063	83	20635	0.788	ug/L #	20
39) cis-1,3-Dichloropropene	6.979	75	1555	0.081	ug/L #	37
49) Dibromochloromethane	7.973	129	366	0.030	ug/L #	11
53) m,p-Xylene	9.133	106	1104	0.040	ug/L	96
61) 1,2,3-Trichloropropane	11.236	75	11063	1.555	ug/L #	67

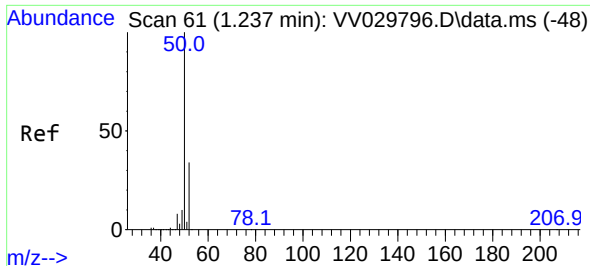
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

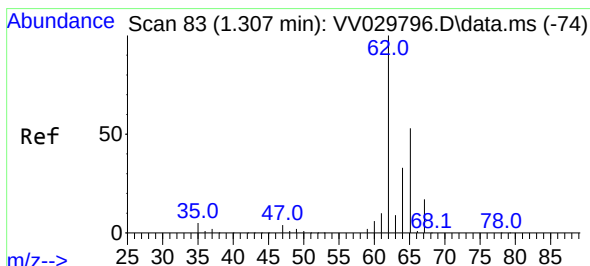
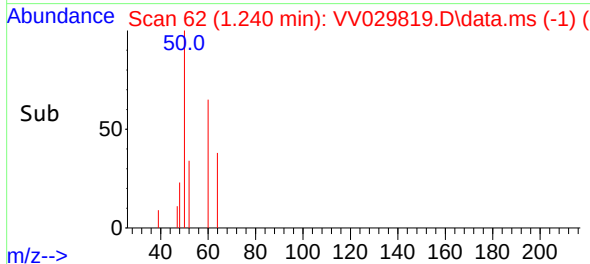
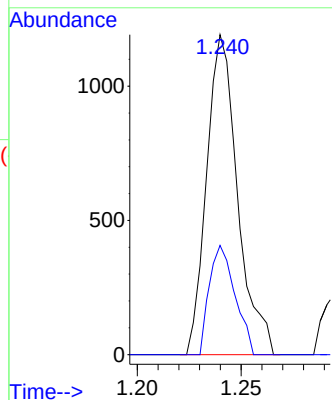
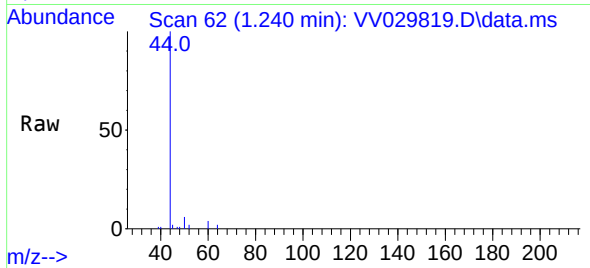




#3
Chloromethane
Concen: 0.068 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029819.D
Acq: 13 Jan 2023 19:29

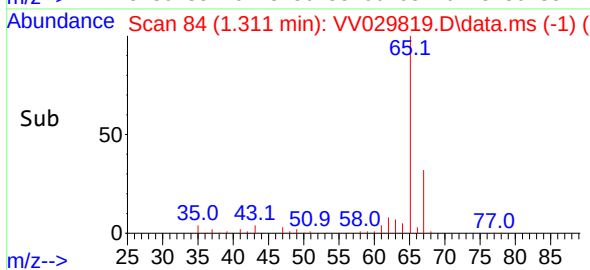
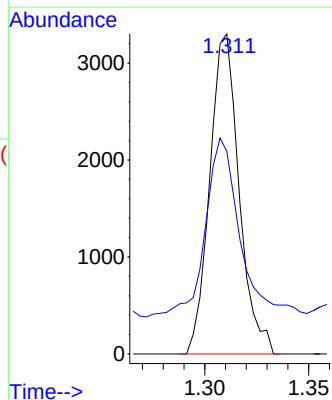
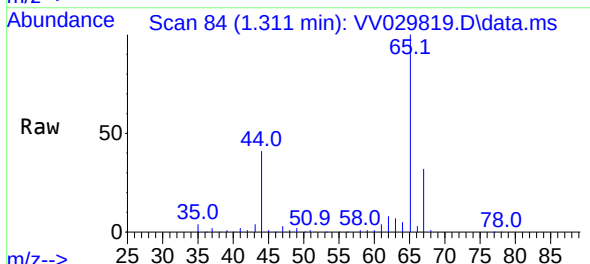
Instrument :
MSVOA_V
ClientSampleId :
BH1Y2

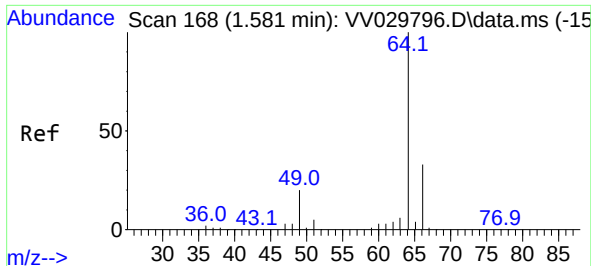
Tgt Ion: 50 Resp: 1233
Ion Ratio Lower Upper
50 100
52 34.1 23.1 42.9



#5
Vinyl chloride
Concen: 0.182 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.006 min
Lab File: VV029819.D
Acq: 13 Jan 2023 19:29

Tgt Ion: 62 Resp: 3238
Ion Ratio Lower Upper
62 100
64 63.4 23.2 43.2#

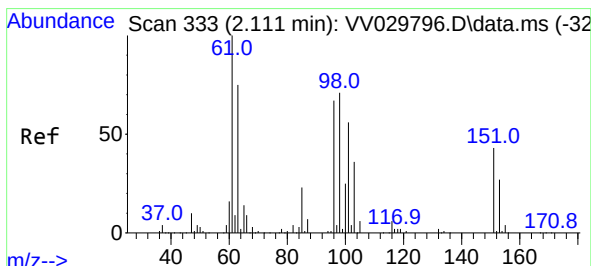
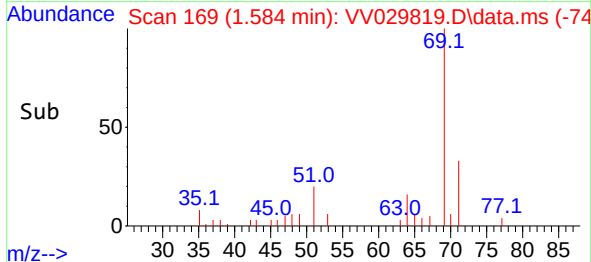
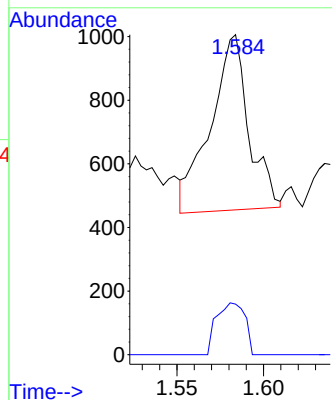
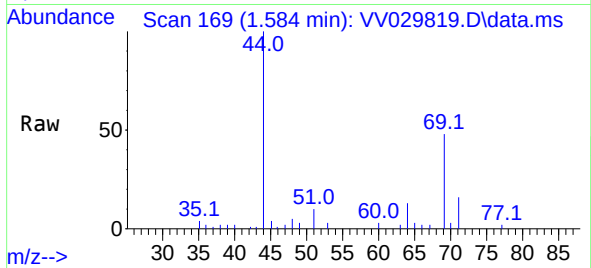




#8
Chloroethane
Concen: 0.078 ug/L
RT: 1.584 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV029819.D
Acq: 13 Jan 2023 19:29

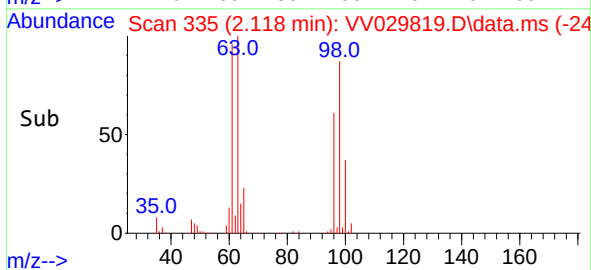
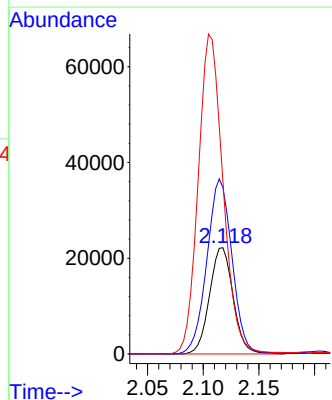
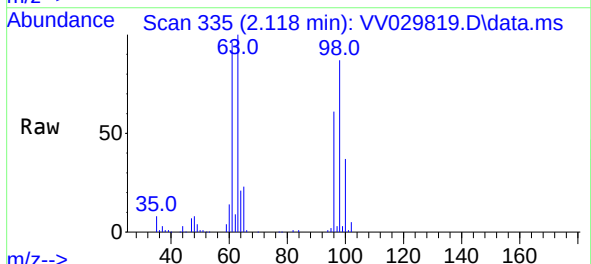
Instrument :
MSVOA_V
ClientSampleId :
BH1Y2

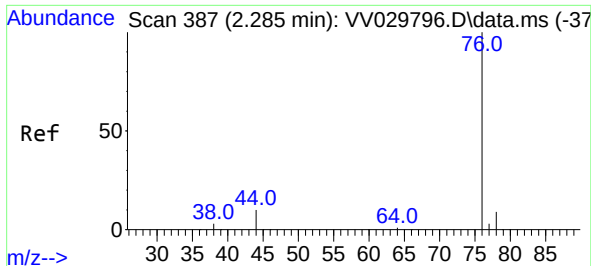
Tgt Ion: 64 Resp: 846
Ion Ratio Lower Upper
64 100
66 15.8 22.9 42.5#



#12
1,1-Dichloroethene
Concen: 2.072 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.006 min
Lab File: VV029819.D
Acq: 13 Jan 2023 19:29

Tgt Ion: 96 Resp: 32772
Ion Ratio Lower Upper
96 100
61 156.7 106.1 197.1
63 162.7 76.4 141.8#





#14

Carbon disulfide

Concen: 0.093 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.010 min

Lab File: VV029819.D

Acq: 13 Jan 2023 19:29

Instrument :

MSVOA_V

ClientSampleId :

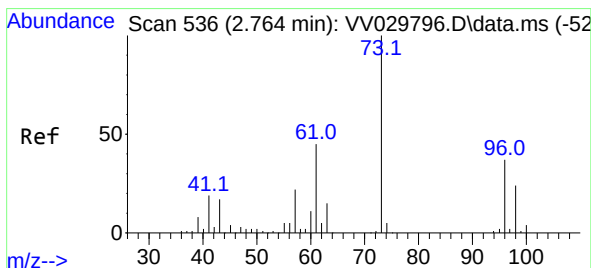
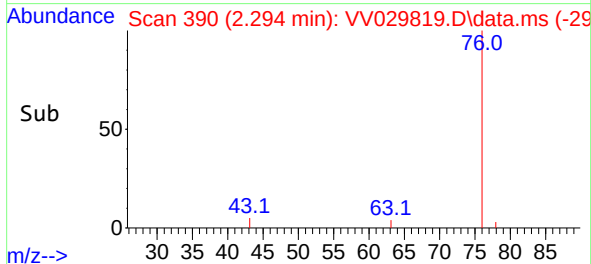
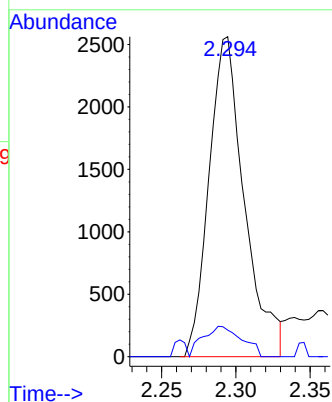
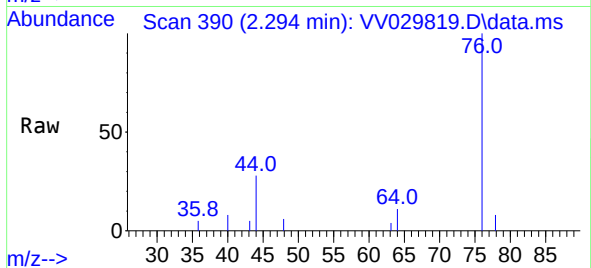
BH1Y2

Tgt Ion: 76 Resp: 4240

Ion Ratio Lower Upper

76 100

78 8.3 7.4 11.0



#17

Methyl tert-butyl Ether

Concen: 0.178 ug/L

RT: 2.767 min Scan# 537

Delta R.T. 0.006 min

Lab File: VV029819.D

Acq: 13 Jan 2023 19:29

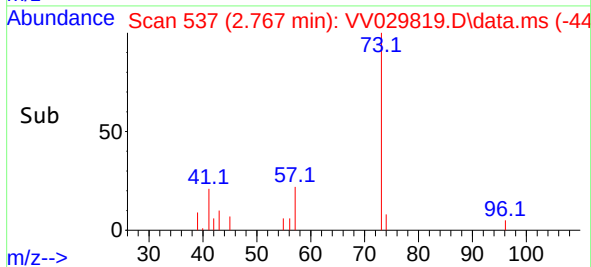
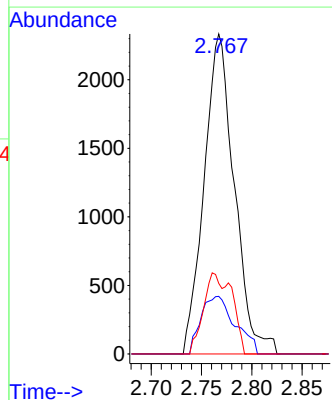
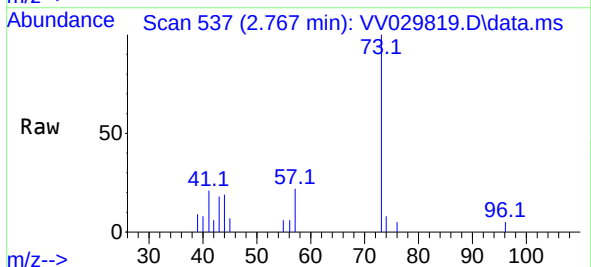
Tgt Ion: 73 Resp: 4877

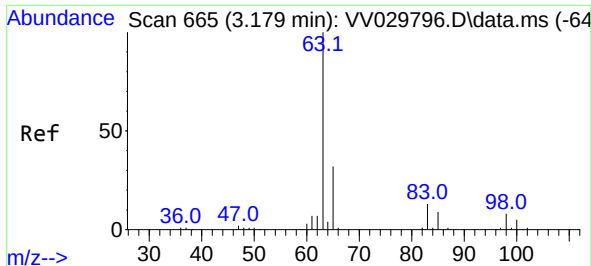
Ion Ratio Lower Upper

73 100

43 20.4 13.0 19.4#

57 15.1 17.1 25.7#

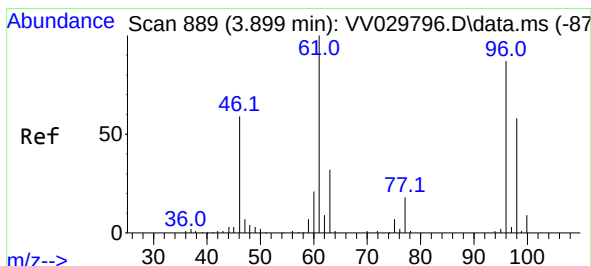
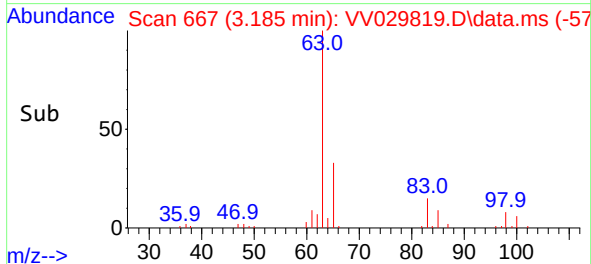
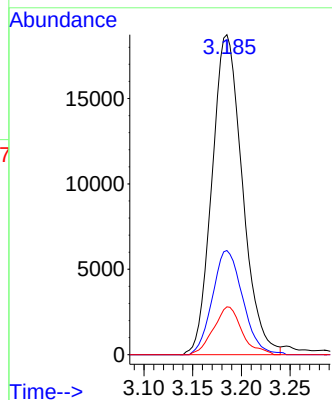
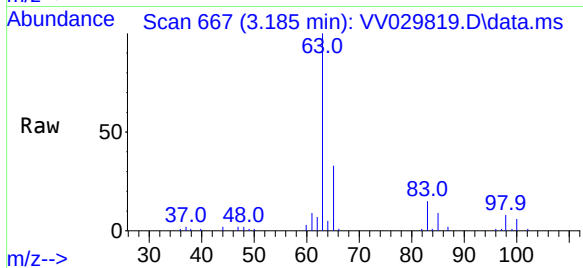




#19
1,1-Dichloroethane
Concen: 1.653 ug/L
RT: 3.185 min Scan# 665
Delta R.T. 0.006 min
Lab File: VV029819.D
Acq: 13 Jan 2023 19:29

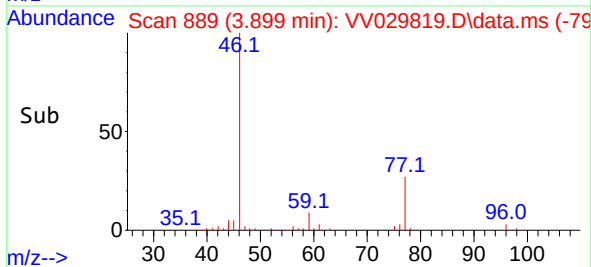
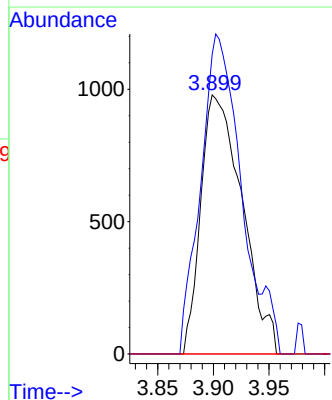
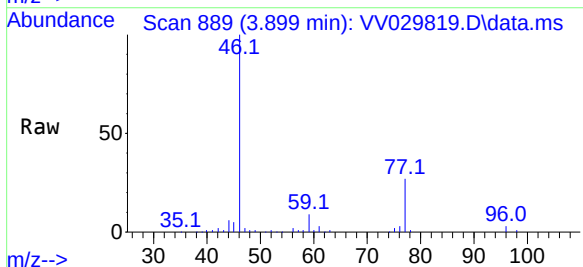
Instrument :
MSVOA_V
ClientSampleId :
BH1Y2

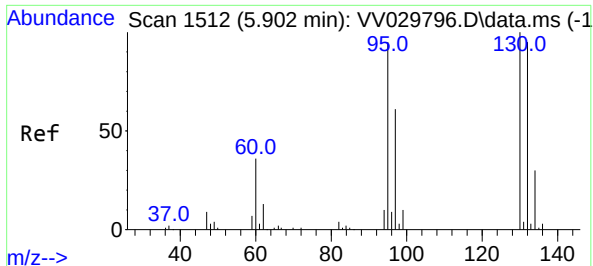
Tgt Ion: 63 Resp: 40653
Ion Ratio Lower Upper
63 100
65 32.5 22.4 41.6
83 15.0 10.2 19.0



#22
cis-1,2-Dichloroethene
Concen: 0.161 ug/L
RT: 3.899 min Scan# 889
Delta R.T. 0.000 min
Lab File: VV029819.D
Acq: 13 Jan 2023 19:29

Tgt Ion: 96 Resp: 2527
Ion Ratio Lower Upper
96 100
61 115.6 80.0 148.6
68 0.0 0.0 0.0



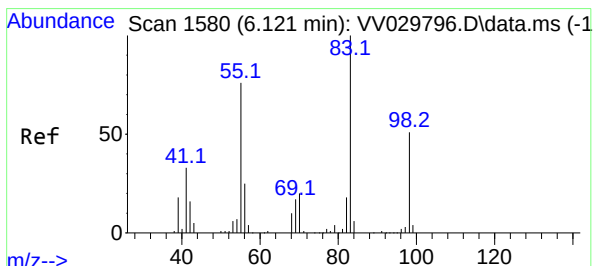
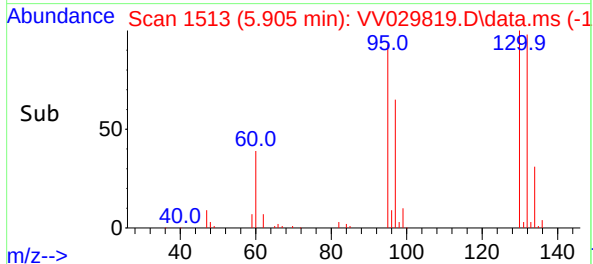
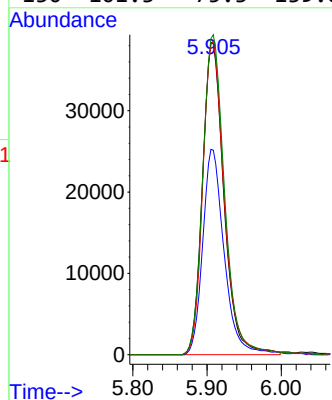
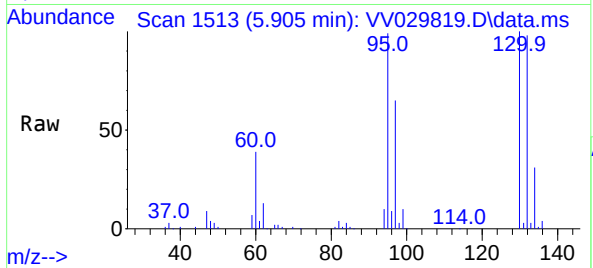


#34
Trichloroethene
Concen: 4.971 ug/L
RT: 5.905 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV029819.D
Acq: 13 Jan 2023 19:29

Instrument :
MSVOA_V
ClientSampleId :
BH1Y2

Tgt Ion: 95 Resp: 77072

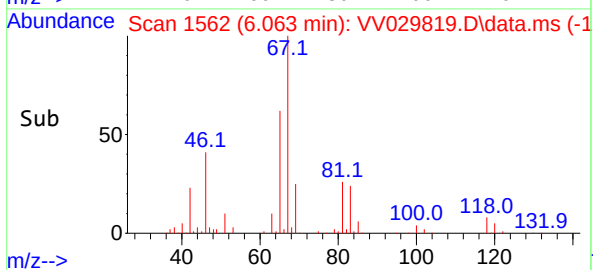
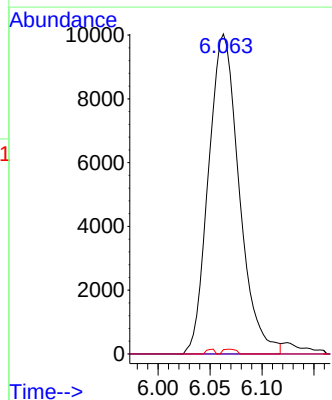
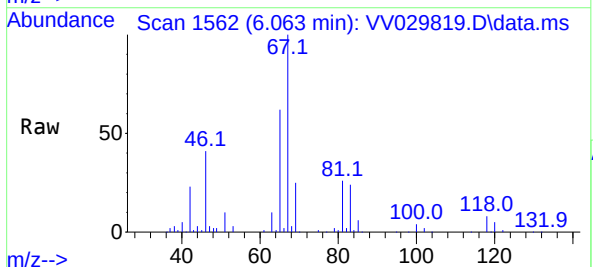
Ion	Ratio	Lower	Upper
95	100		
97	65.8	44.9	83.3
132	99.4	71.8	133.4
130	101.3	75.3	139.8

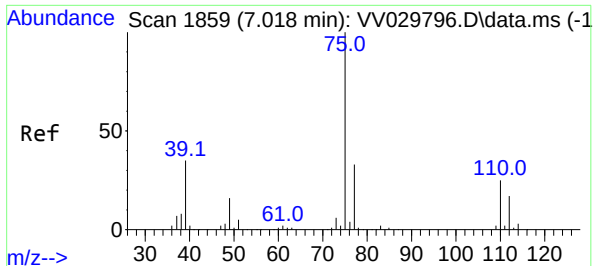


#35
Methylcyclohexane
Concen: 0.788 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.058 min
Lab File: VV029819.D
Acq: 13 Jan 2023 19:29

Tgt Ion: 83 Resp: 20635

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.3	85.9#
98	0.6	39.0	58.6#





#39

cis-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 6.979 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV029819.D

Acq: 13 Jan 2023 19:29

Instrument :

MSVOA_V

ClientSampleId :

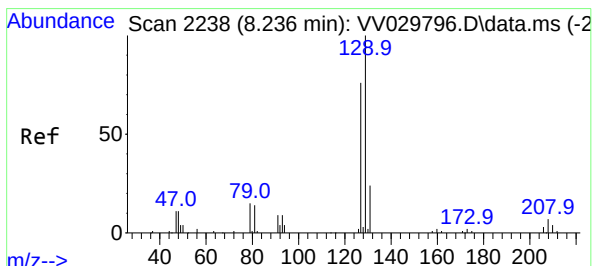
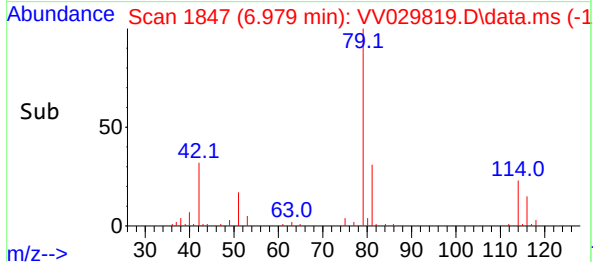
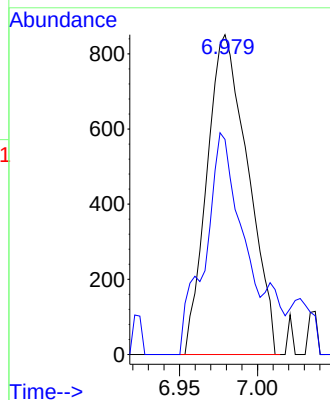
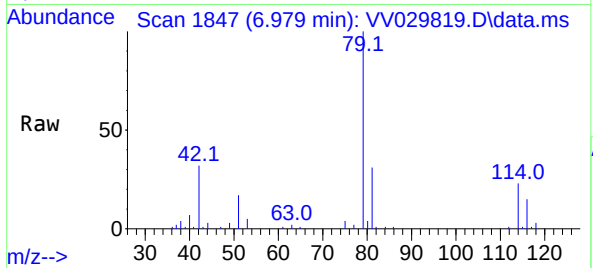
BH1Y2

Tgt Ion: 75 Resp: 1555

Ion Ratio Lower Upper

75 100

77 67.2 22.4 41.6#



#49

Dibromochloromethane

Concen: 0.030 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.264 min

Lab File: VV029819.D

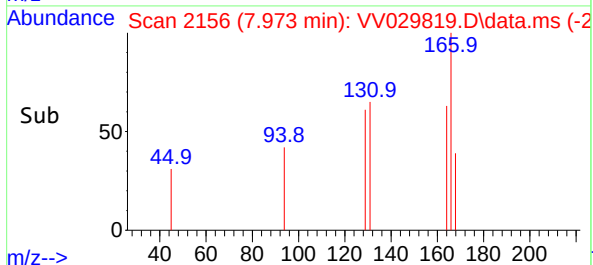
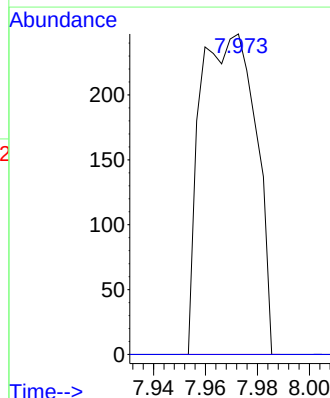
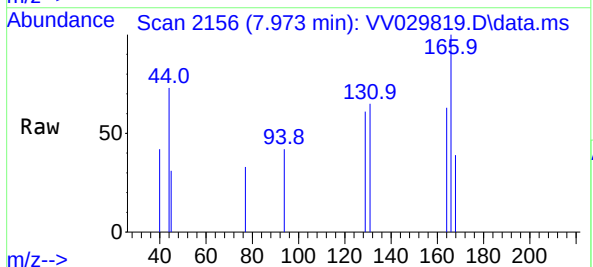
Acq: 13 Jan 2023 19:29

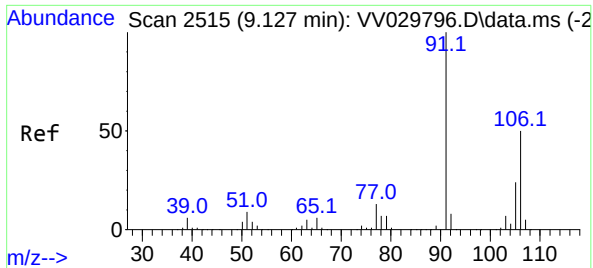
Tgt Ion: 129 Resp: 366

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#

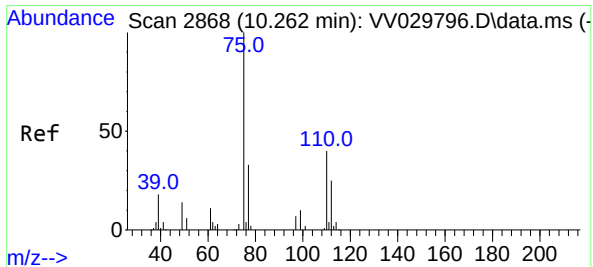
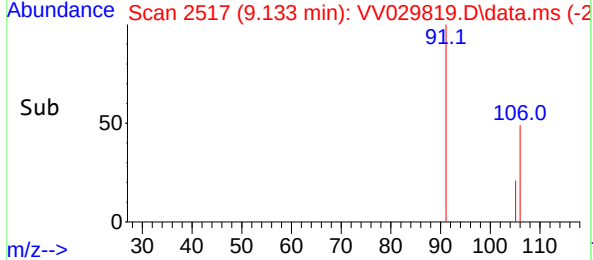
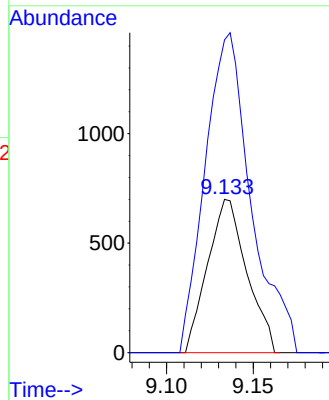
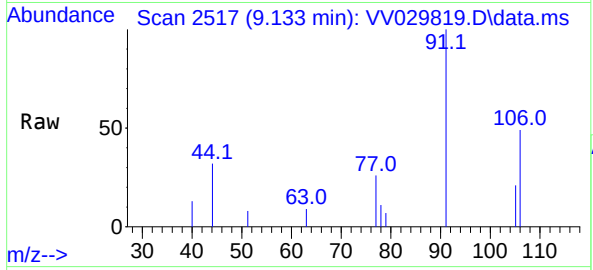




#53
m,p-Xylene
Concen: 0.040 ug/L
RT: 9.133 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029819.D
Acq: 13 Jan 2023 19:29

Instrument :
MSVOA_V
ClientSampleId :
BH1Y2

Tgt Ion:106 Resp: 1104
Ion Ratio Lower Upper
106 100
91 204.0 138.7 257.7



#61
1,2,3-Trichloropropane
Concen: 1.555 ug/L
RT: 11.236 min Scan# 3171
Delta R.T. 0.974 min
Lab File: VV029819.D
Acq: 13 Jan 2023 19:29

Tgt Ion: 75 Resp: 11063
Ion Ratio Lower Upper
75 100
77 32.9 26.5 39.7
110 2.3 31.8 47.8#

