

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111822\
 Data File : VW029156.D
 Acq On : 19 Nov 2022 07:19
 Operator : SY/MD
 Sample : N5666-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB35

Quant Time: Nov 20 00:49:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Nov 20 00:44:38 2022
 Response via : Initial Calibration

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

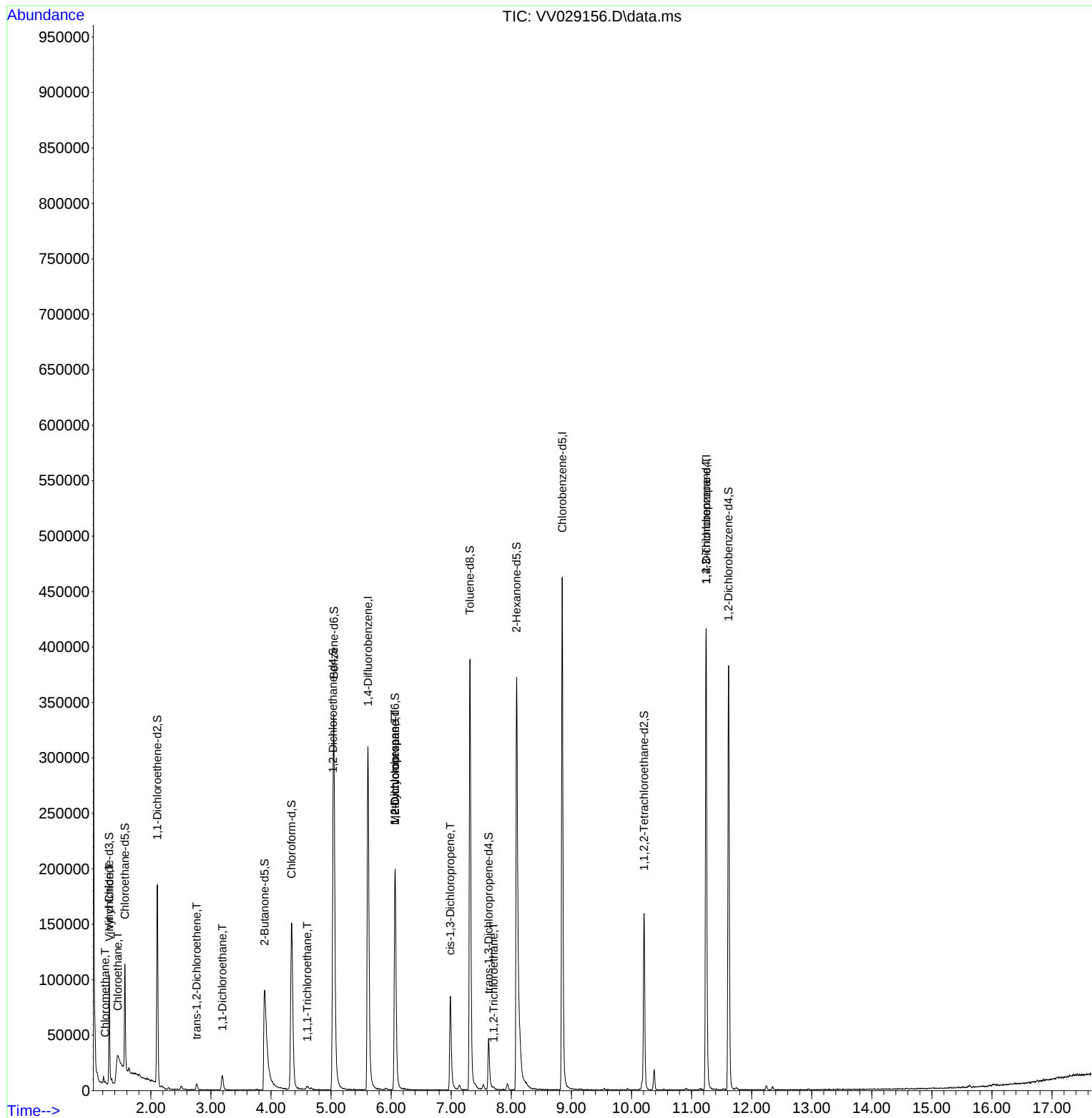
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	293315	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	267889	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	116301	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	65869	3.684	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.567	69	63174	4.019	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.108	63	92808	2.848	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.000%#
20) 2-Butanone-d5	3.892	46	209986	70.151	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	140.300%#
24) Chloroform-d	4.342	84	165338	4.504	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.030	65	80055	4.846	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.046	84	330731	4.136	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
36) 1,2-Dichloropropane-d6	6.066	67	104620	4.686	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.310	98	285272	3.963	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	7.622	79	30977	4.254	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.088	63	155051	49.881	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.760%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	81816	5.285	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	11.615	152	108067	5.194	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1621	0.080	ug/L	97
5) Vinyl chloride	1.310	62	1221	0.053	ug/L #	1
8) Chloroethane	1.449	64	96240	7.075	ug/L #	51
18) trans-1,2-Dichloroethene	2.760	96	1871	0.091	ug/L	93
19) 1,1-Dichloroethane	3.188	63	13757	0.409	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	2707	0.086	ug/L	98
35) Methylcyclohexane	6.066	83	25998	0.706	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	11002	0.583	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	1973	0.075	ug/L #	77
45) 1,1,2-Trichloroethane	7.705	97	1258	0.102	ug/L #	16
61) 1,2,3-Trichloropropane	11.242	75	12320	1.550	ug/L #	65

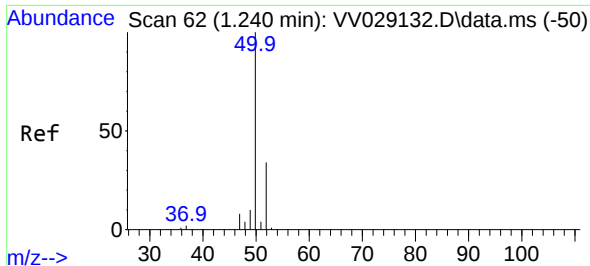
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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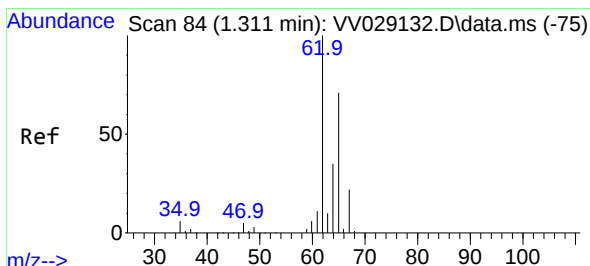
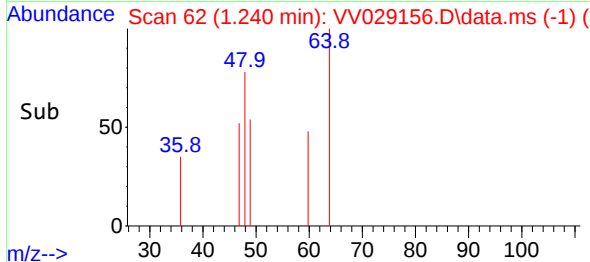
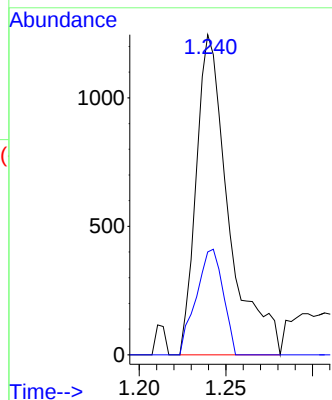
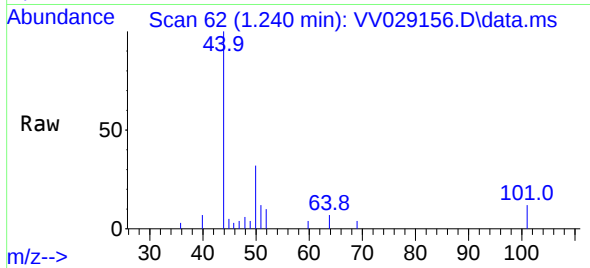




#3
Chloromethane
Concen: 0.080 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029156.D
Acq: 19 Nov 2022 07:19

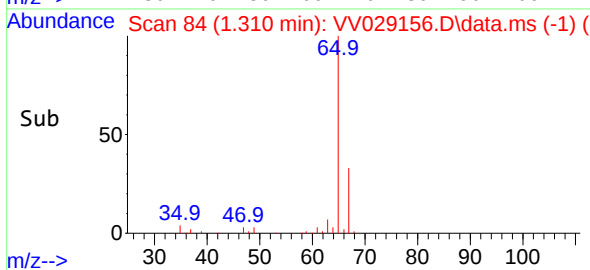
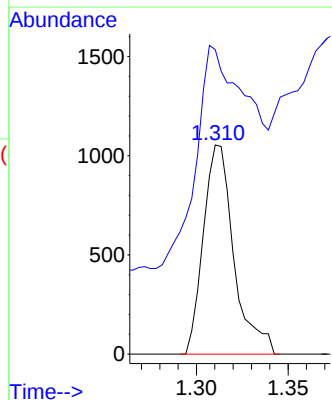
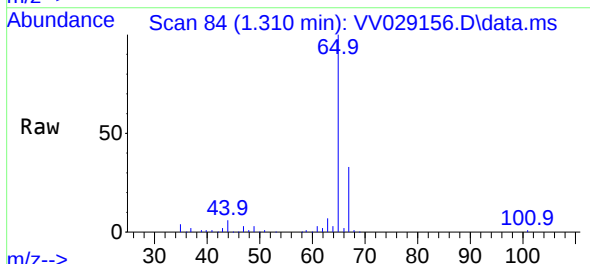
Instrument :
MSVOA_V
ClientSampleId :
BHB35

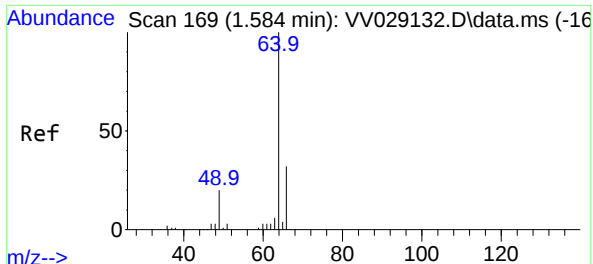
Tgt Ion: 50 Resp: 1621
Ion Ratio Lower Upper
50 100
52 32.1 23.7 43.9



#5
Vinyl chloride
Concen: 0.053 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV029156.D
Acq: 19 Nov 2022 07:19

Tgt Ion: 62 Resp: 1221
Ion Ratio Lower Upper
62 100
64 145.6 22.8 42.4#

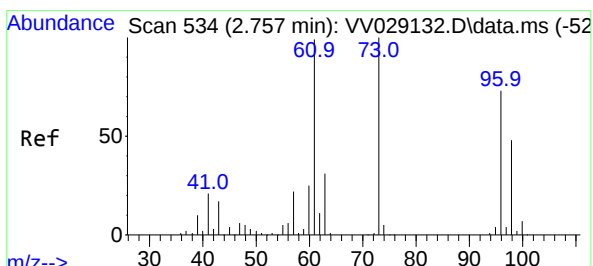
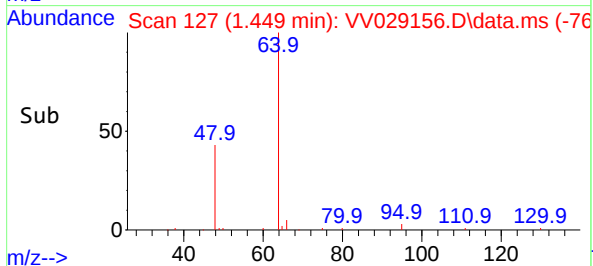
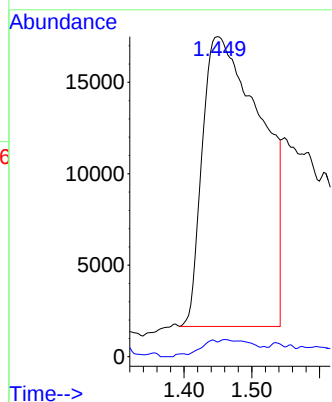
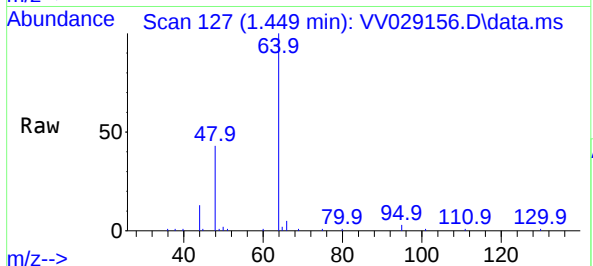




#8
Chloroethane
Concen: 7.075 ug/L
RT: 1.449 min Scan# 11
Delta R.T. -0.135 min
Lab File: VV029156.D
Acq: 19 Nov 2022 07:19

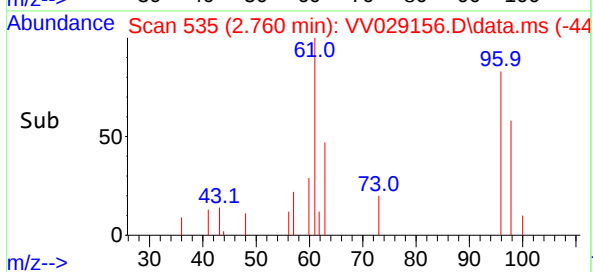
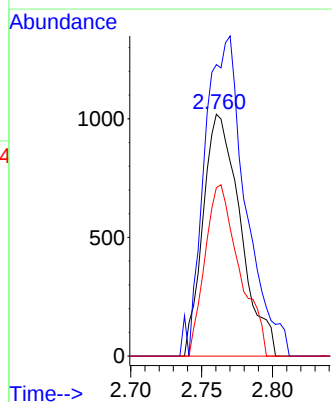
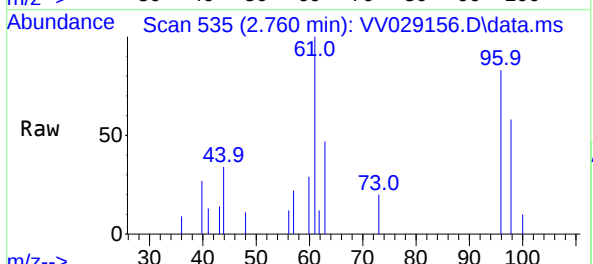
Instrument :
MSVOA_V
ClientSampleId :
BHB35

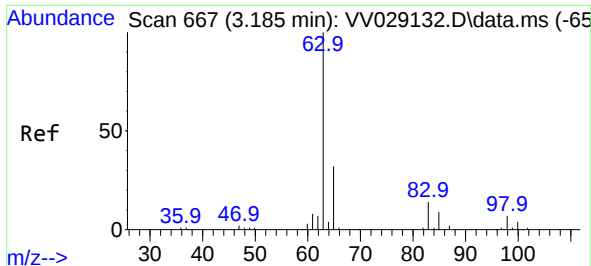
Tgt Ion: 64 Resp: 96240
Ion Ratio Lower Upper
64 100
66 4.5 22.0 40.8#



#18
trans-1,2-Dichloroethene
Concen: 0.091 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV029156.D
Acq: 19 Nov 2022 07:19

Tgt Ion: 96 Resp: 1871
Ion Ratio Lower Upper
96 100
61 120.5 91.8 170.6
98 69.7 46.4 86.2



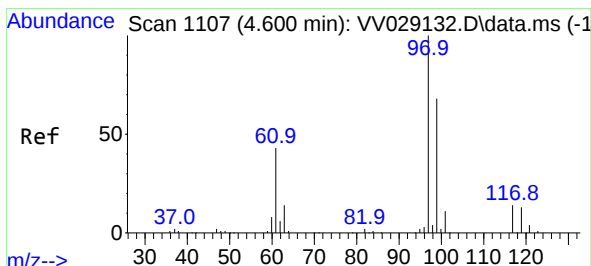
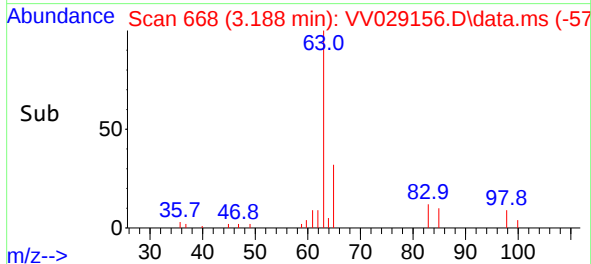
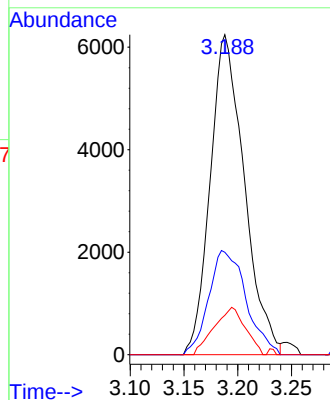
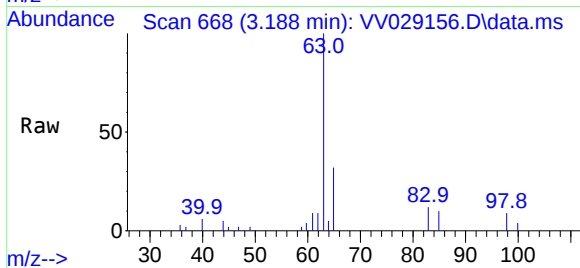


#19
1,1-Dichloroethane
Concen: 0.409 ug/L
RT: 3.188 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029156.D
Acq: 19 Nov 2022 07:19

Instrument :
MSVOA_V
ClientSampleId :
BHB35

Tgt Ion: 63 Resp: 13757

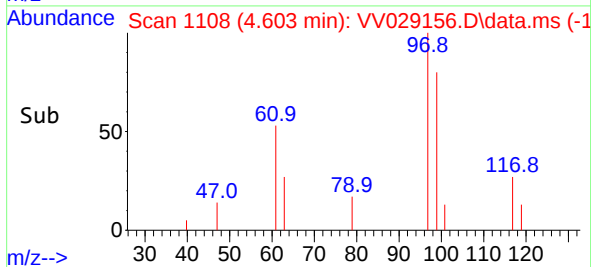
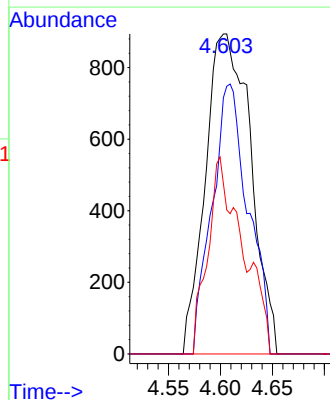
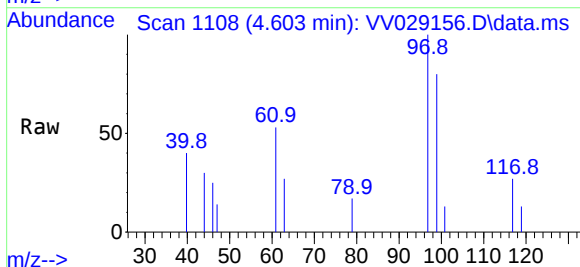
Ion	Ratio	Lower	Upper
63	100		
65	32.0	23.0	42.6
83	12.3	9.4	17.6

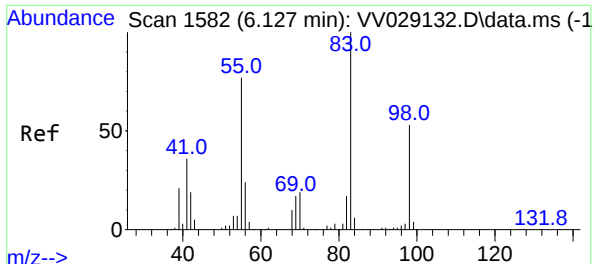


#29
1,1,1-Trichloroethane
Concen: 0.086 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. 0.003 min
Lab File: VV029156.D
Acq: 19 Nov 2022 07:19

Tgt Ion: 97 Resp: 2707

Ion	Ratio	Lower	Upper
97	100		
99	67.7	52.7	79.1
61	41.0	33.8	50.6

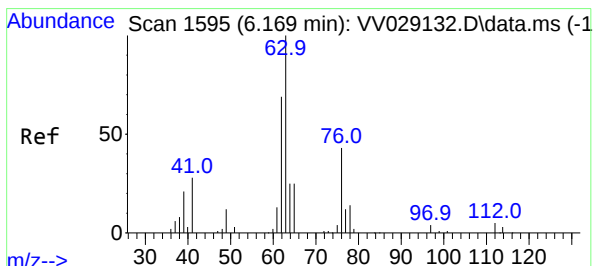
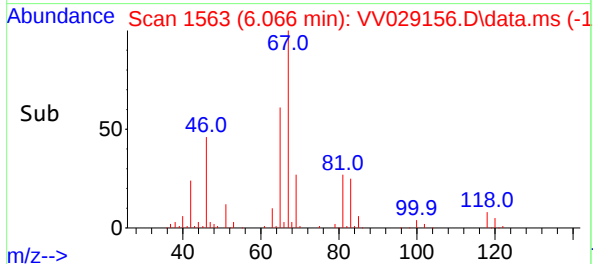
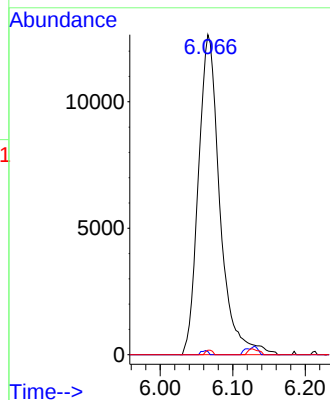
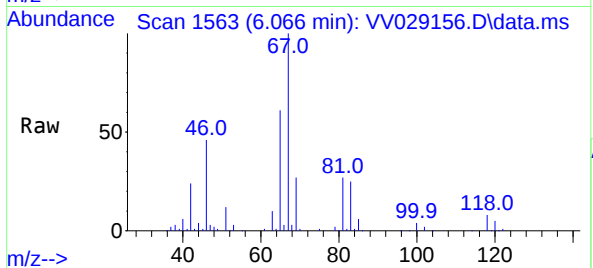




#35
Methylcyclohexane
Concen: 0.706 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV029156.D
Acq: 19 Nov 2022 07:19

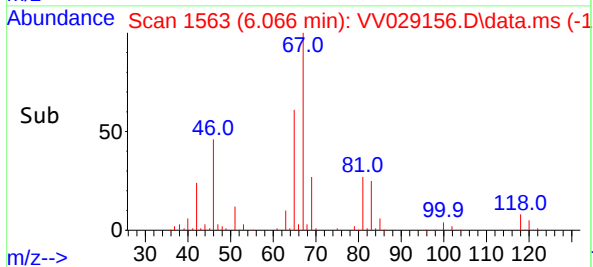
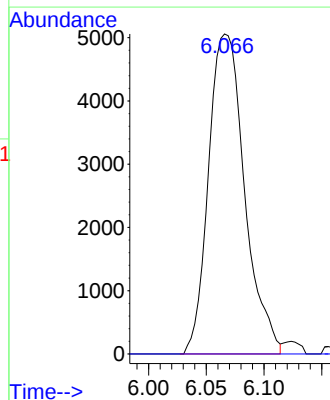
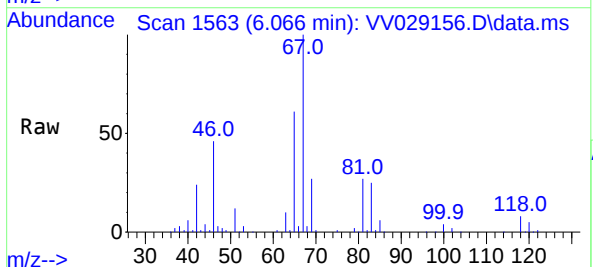
Instrument :
MSVOA_V
ClientSampleId :
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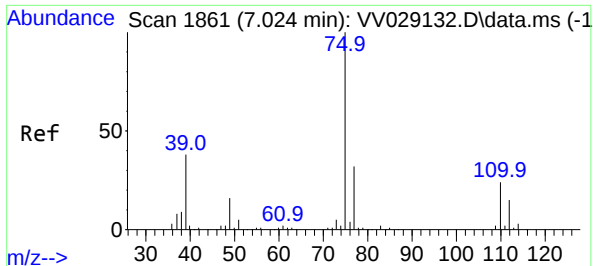
Tgt Ion: 83 Resp: 25998
Ion Ratio Lower Upper
83 100
55 0.4 55.8 83.6#
98 0.5 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.583 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.100 min
Lab File: VV029156.D
Acq: 19 Nov 2022 07:19

Tgt Ion: 63 Resp: 11002
Ion Ratio Lower Upper
63 100
112 0.2 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV029156.D

Acq: 19 Nov 2022 07:19

Instrument :

MSVOA_V

ClientSampleId :

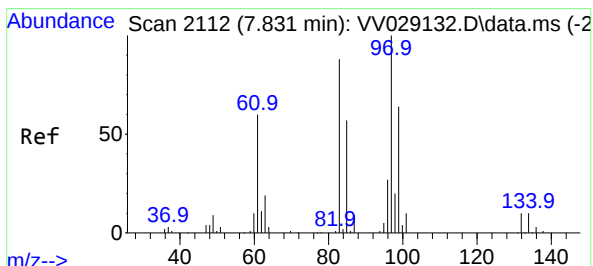
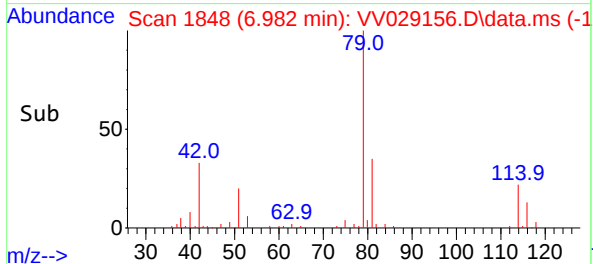
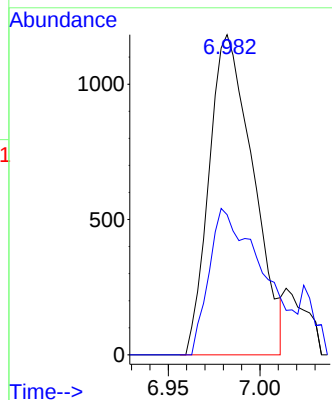
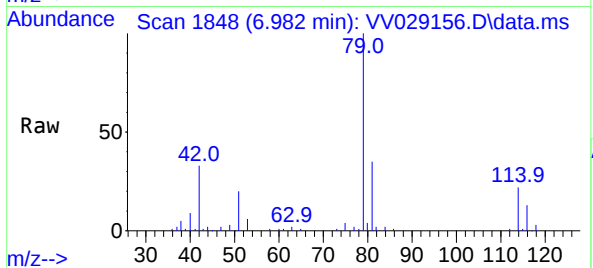
BHB35

Tgt Ion: 75 Resp: 1973

Ion Ratio Lower Upper

75 100

77 43.8 21.8 40.6#



#45

1,1,2-Trichloroethane

Concen: 0.102 ug/L

RT: 7.705 min Scan# 2073

Delta R.T. -0.126 min

Lab File: VV029156.D

Acq: 19 Nov 2022 07:19

Tgt Ion: 97 Resp: 1258

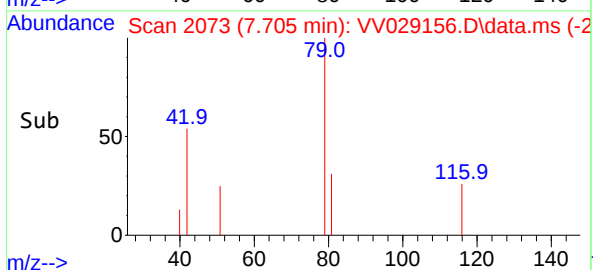
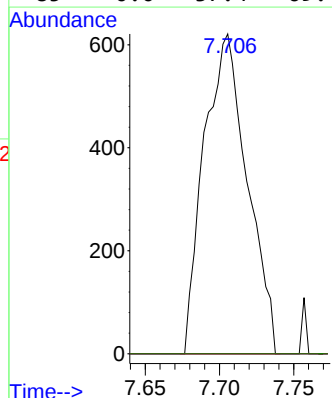
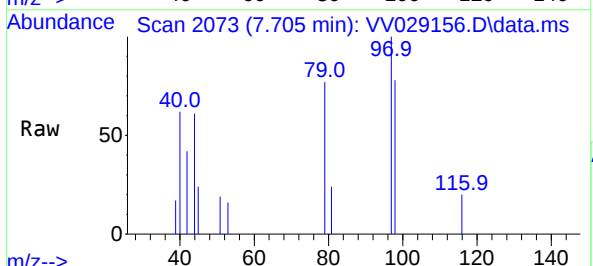
Ion Ratio Lower Upper

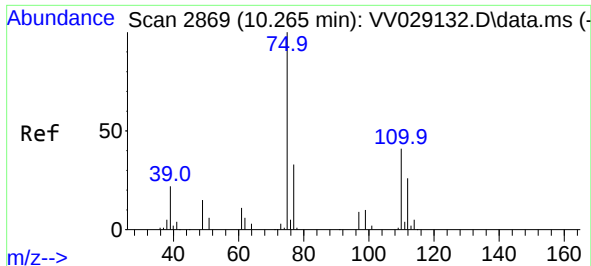
97 100

99 0.0 41.5 77.1#

83 0.0 60.0 111.4#

85 0.0 37.4 69.4#





#61

1,2,3-Trichloropropane

Concen: 1.550 ug/L

RT: 11.242 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV029156.D

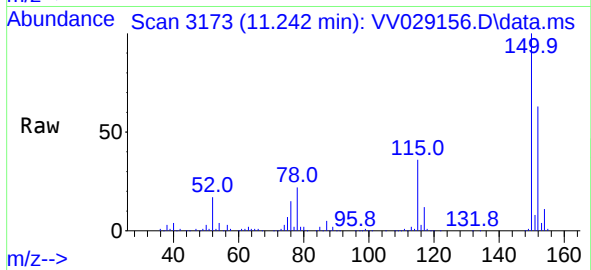
Acq: 19 Nov 2022 07:19

Instrument :

MSVOA_V

ClientSampleId :

BHB35



Tgt Ion: 75 Resp: 12320

Ion Ratio Lower Upper

75 100

77 33.3 26.2 39.2

110 2.1 32.6 48.8#

