

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111722\
 Data File : VW029062.D
 Acq On : 17 Nov 2022 14:39
 Operator : SY/MD
 Sample : N5592-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Nov 18 01:42:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 01:37:41 2022
 Response via : Initial Calibration

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

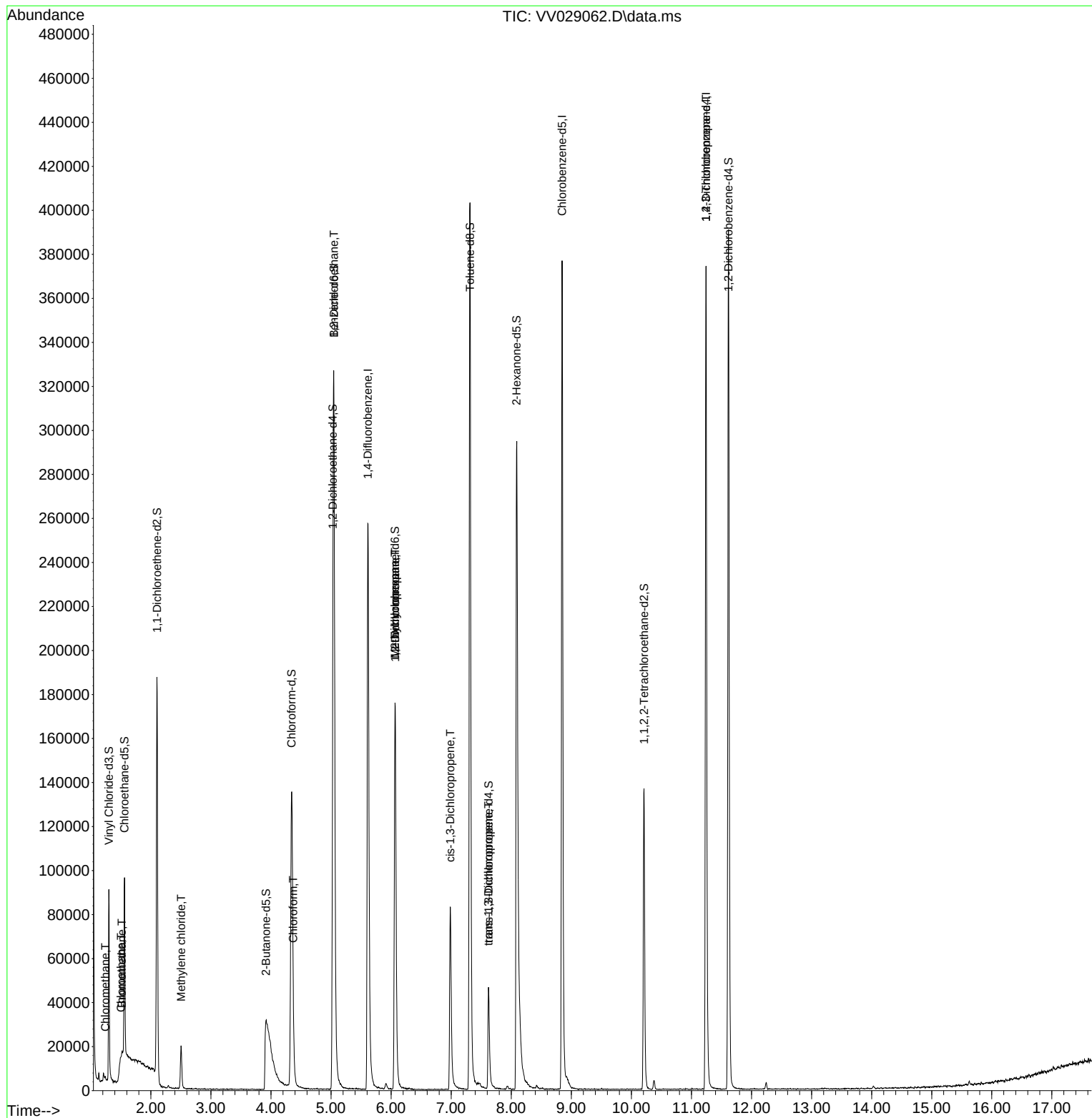
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	255781	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	229680	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	109687	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	56793	3.642	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	72.800%	
7) Chloroethane-d5	1.561	69	51847	3.782	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	75.600%	
11) 1,1-Dichloroethene-d2	2.101	63	87081	3.064	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	61.200%	
20) 2-Butanone-d5	3.918	46	136658	52.353	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.700%	
24) Chloroform-d	4.342	84	152069	4.750	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.000%	
26) 1,2-Dichloroethane-d4	5.030	65	72137	5.008	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.200%	
32) Benzene-d6	5.047	84	320233	4.671	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.400%	
36) 1,2-Dichloropropane-d6	6.066	67	91604	4.785	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.800%	
41) Toluene-d8	7.313	98	293049	4.749	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.000%	
43) trans-1,3-Dichloroprop...	7.622	79	30944	4.956	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	99.200%	
46) 2-Hexanone-d5	8.088	63	125987	47.273	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.540%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	68363	5.151	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.000%	
66) 1,2-Dichlorobenzene-d4	11.615	152	112004	5.707	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	114.200%	
Target Compounds						Qvalue
3) Chloromethane	1.243	50	873	0.049	ug/L	87
6) Bromomethane	1.516	94	922	0.076	ug/L	89
8) Chloroethane	1.503	64	18043	1.521	ug/L #	53
16) Methylene chloride	2.503	84	8391	0.419	ug/L	96
25) Chloroform	4.371	83	4199	0.136	ug/L	98
27) 1,2-Dichloroethane	5.047	62	1556	0.098	ug/L	95
35) Methylcyclohexane	6.066	83	23161	0.733	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	10424	0.644	ug/L #	86
39) cis-1,3-Dichloropropene	6.985	75	2185	0.097	ug/L	93
44) trans-1,3-Dichloropropene	7.619	75	1288	0.073	ug/L #	62
61) 1,2,3-Trichloropropane	11.242	75	11527	1.538	ug/L #	65

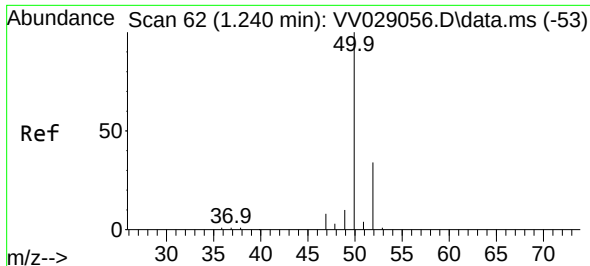
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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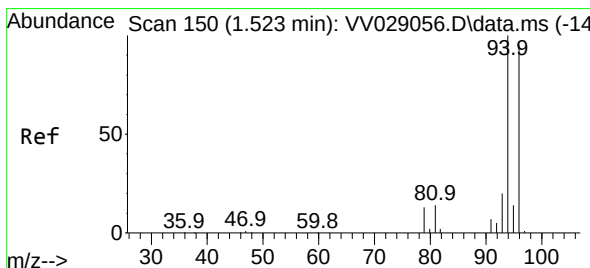
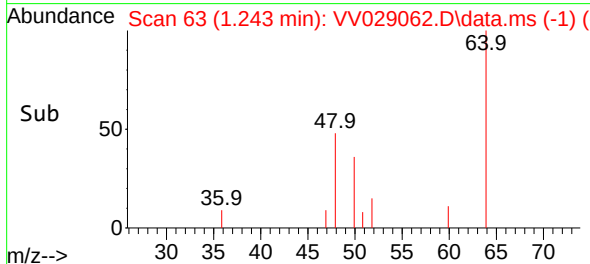
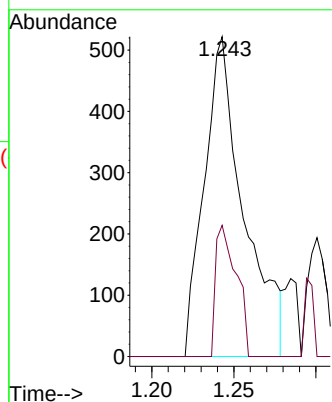
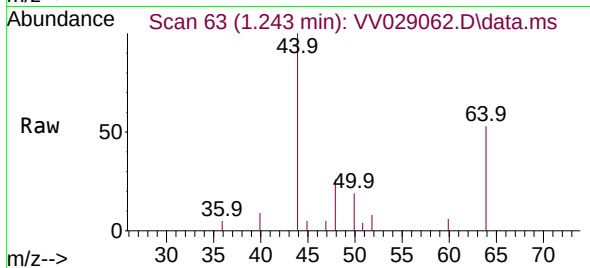




#3
Chloromethane
Concen: 0.049 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029062.D
Acq: 17 Nov 2022 14:39

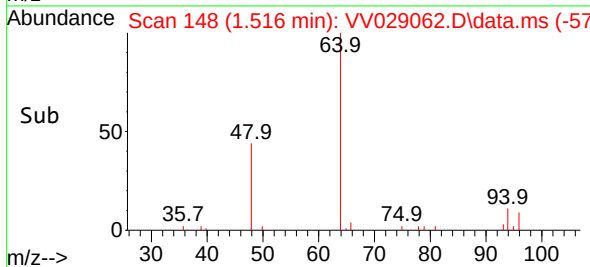
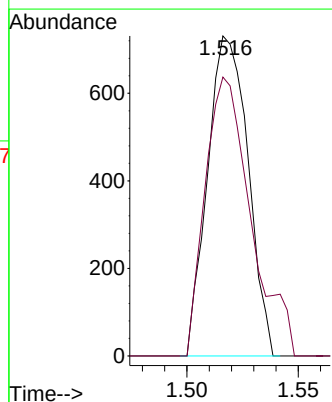
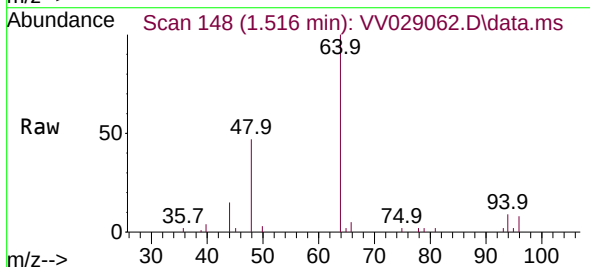
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

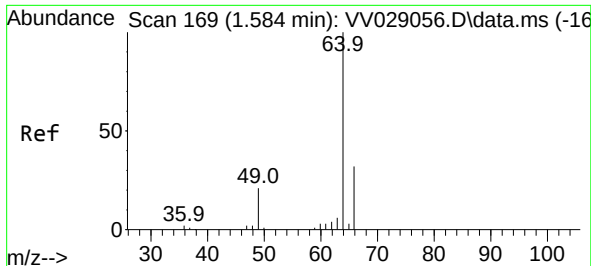
Tgt Ion: 50 Resp: 873
Ion Ratio Lower Upper
50 100
52 41.0 23.7 43.9



#6
Bromomethane
Concen: 0.076 ug/L
RT: 1.516 min Scan# 148
Delta R.T. -0.006 min
Lab File: VV029062.D
Acq: 17 Nov 2022 14:39

Tgt Ion: 94 Resp: 922
Ion Ratio Lower Upper
94 100
96 87.1 68.5 127.3

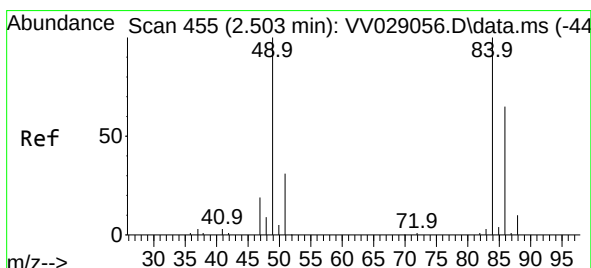
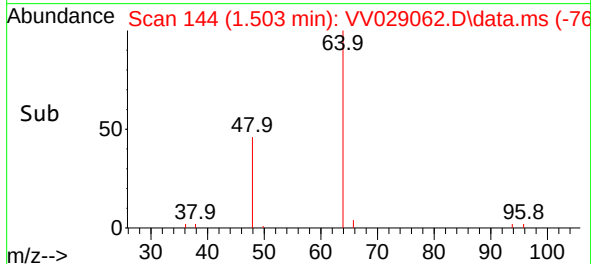
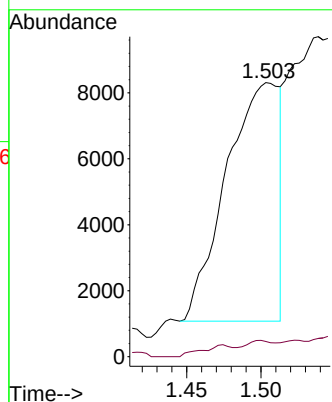
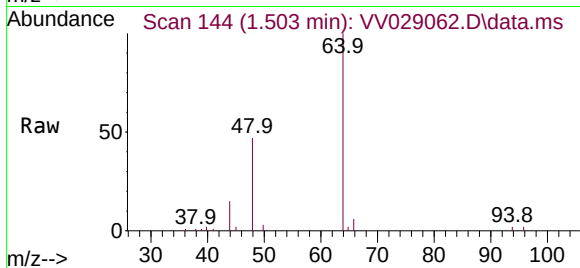




#8
Chloroethane
Concen: 1.521 ug/L
RT: 1.503 min Scan# 144
Delta R.T. -0.080 min
Lab File: VV029062.D
Acq: 17 Nov 2022 14:39

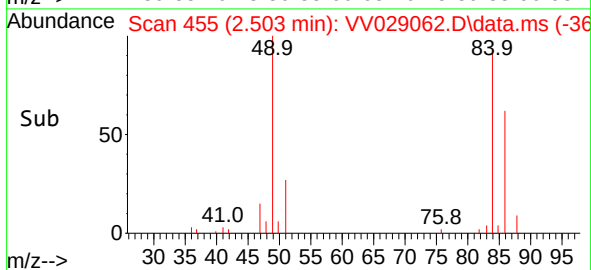
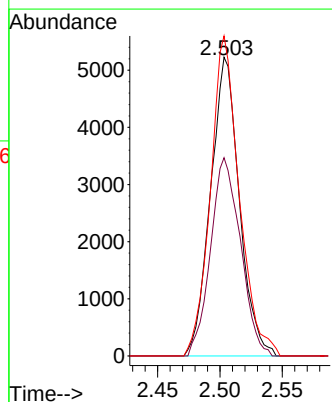
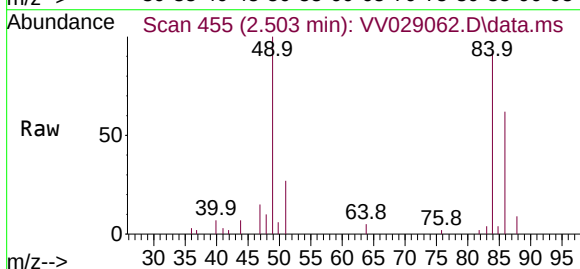
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

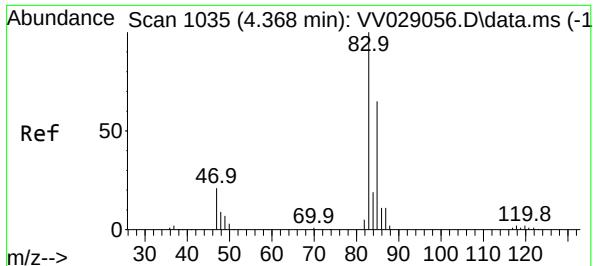
Tgt Ion: 64 Resp: 18043
Ion Ratio Lower Upper
64 100
66 5.4 22.0 40.8#



#16
Methylene chloride
Concen: 0.419 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV029062.D
Acq: 17 Nov 2022 14:39

Tgt Ion: 84 Resp: 8391
Ion Ratio Lower Upper
84 100
86 66.3 45.8 85.0
49 113.1 75.5 140.1





#25

Chloroform

Concen: 0.136 ug/L

RT: 4.371 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV029062.D

Acq: 17 Nov 2022 14:39

Instrument :

MSVOA_V

ClientSampleId :

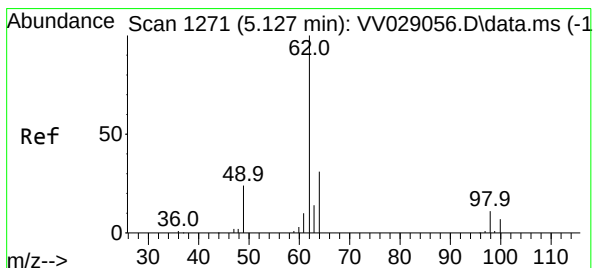
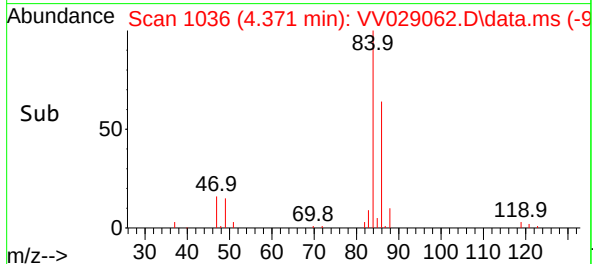
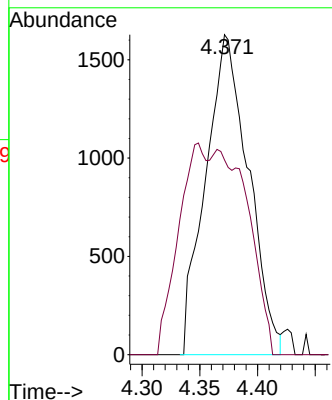
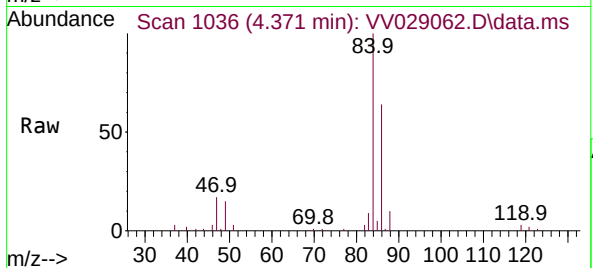
VHBLK001

Tgt Ion: 83 Resp: 4199

Ion Ratio Lower Upper

83 100

85 60.9 43.7 81.1



#27

1,2-Dichloroethane

Concen: 0.098 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. -0.080 min

Lab File: VV029062.D

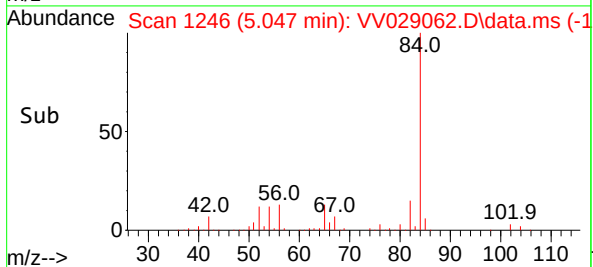
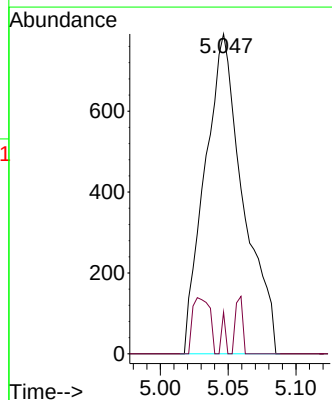
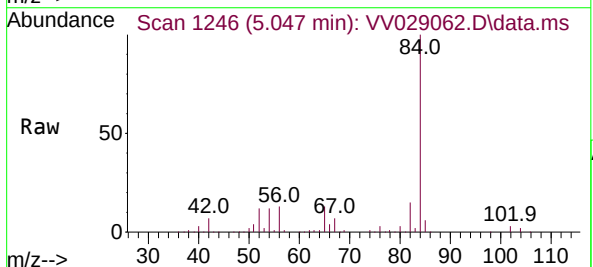
Acq: 17 Nov 2022 14:39

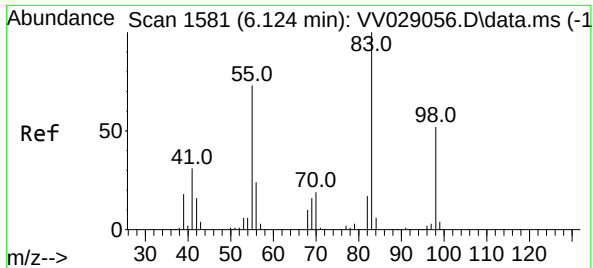
Tgt Ion: 62 Resp: 1556

Ion Ratio Lower Upper

62 100

98 13.0 9.0 13.6

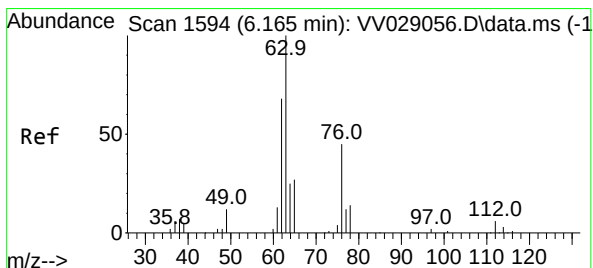
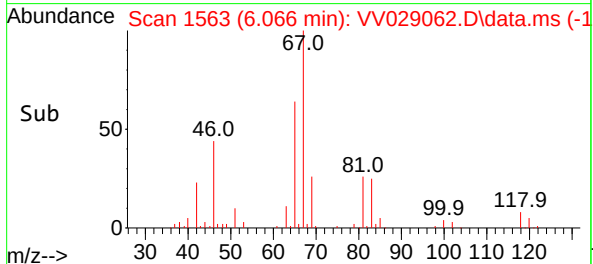
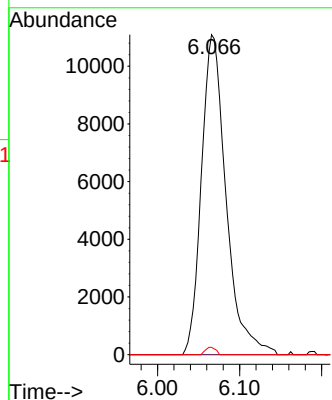
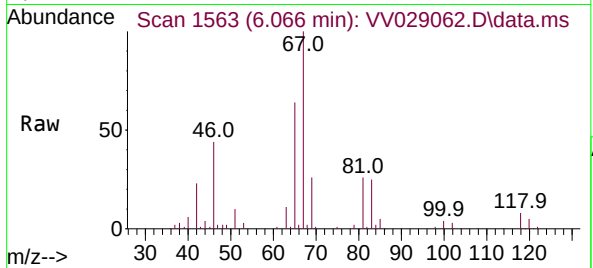




#35
Methylcyclohexane
Concen: 0.733 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV029062.D
Acq: 17 Nov 2022 14:39

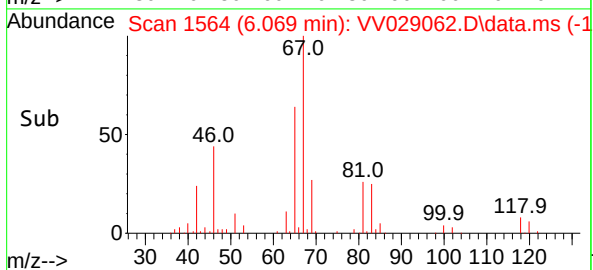
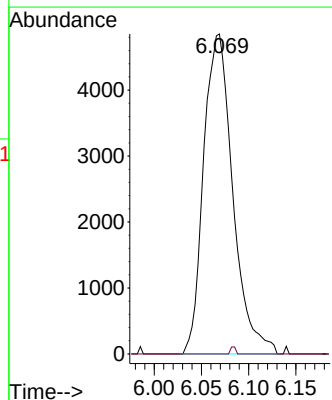
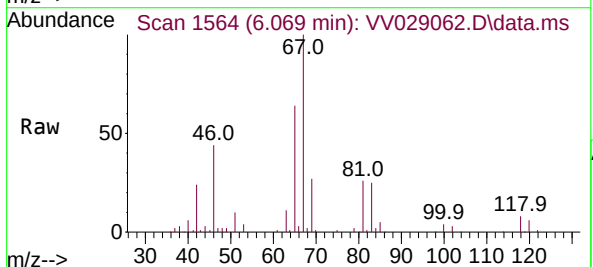
Instrument :
MSVOA_V
ClientSampleId :
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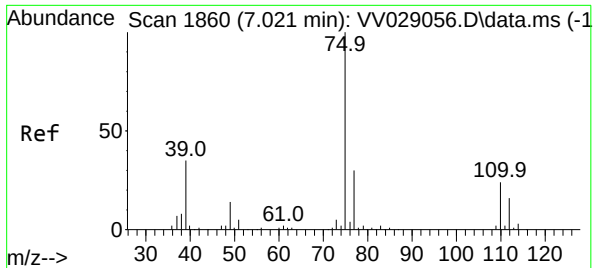
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.8	83.6#
98	1.0	38.2	57.2#



#37
1,2-Dichloropropane
Concen: 0.644 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.096 min
Lab File: VV029062.D
Acq: 17 Nov 2022 14:39

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.4	4.0	6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.035 min

Lab File: VV029062.D

Acq: 17 Nov 2022 14:39

Instrument :

MSVOA_V

ClientSampleId :

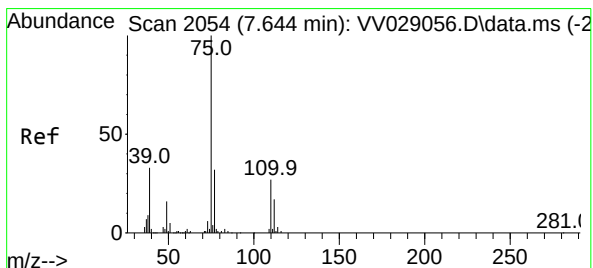
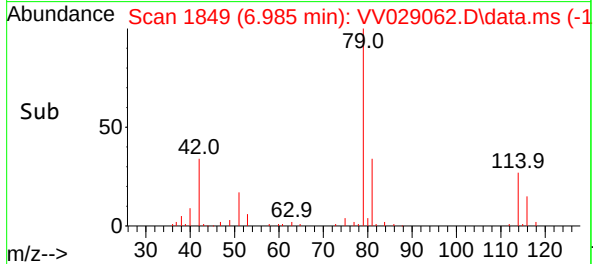
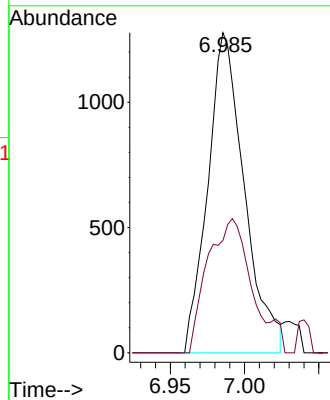
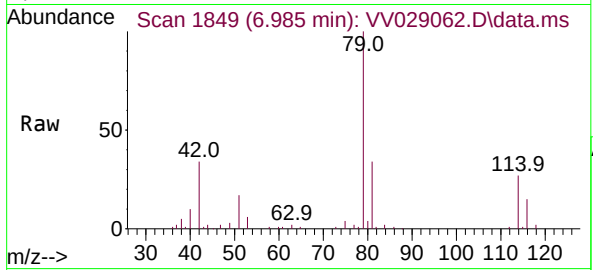
VHBLK001

Tgt Ion: 75 Resp: 2185

Ion Ratio Lower Upper

75 100

77 35.1 21.8 40.6



#44

trans-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 7.619 min Scan# 2046

Delta R.T. -0.026 min

Lab File: VV029062.D

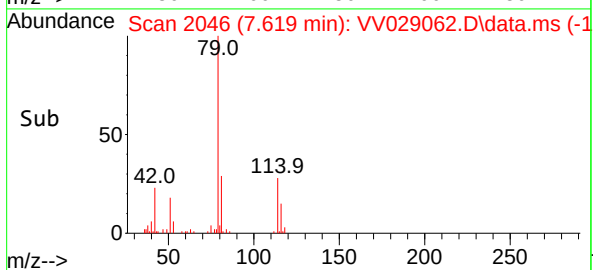
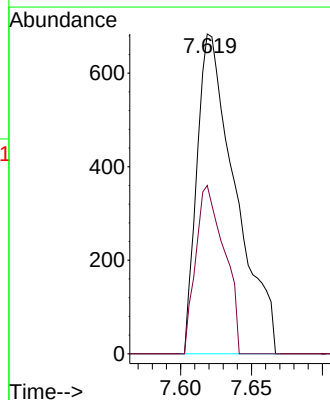
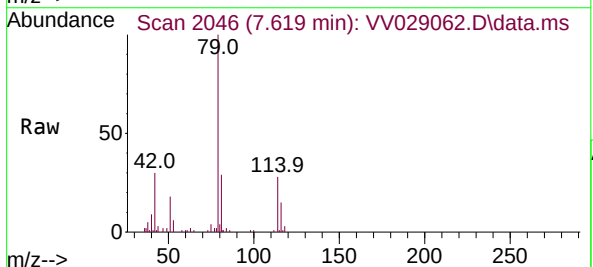
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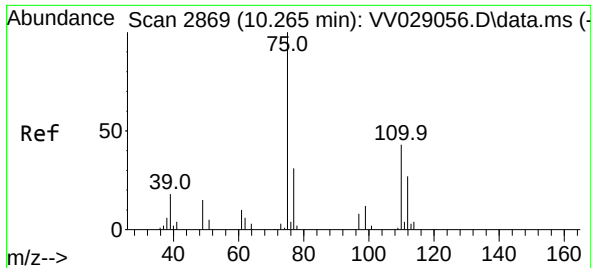
Tgt Ion: 75 Resp: 1288

Ion Ratio Lower Upper

75 100

77 52.6 22.2 41.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.538 ug/L
 RT: 11.242 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV029062.D
 Acq: 17 Nov 2022 14:39

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 ClientSampleId :
 VHBLK001

Tgt Ion: 75 Resp: 11527
 Ion Ratio Lower Upper
 75 100
 77 31.5 26.2 39.2
 110 2.9 32.6 48.8#

