

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111622\
 Data File : VV029055.D
 Acq On : 17 Nov 2022 07:31
 Operator : SY/MD
 Sample : VV1116WBL03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFB398

Quant Time: Nov 17 07:49:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 17 07:04:23 2022
 Response via : Initial Calibration

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

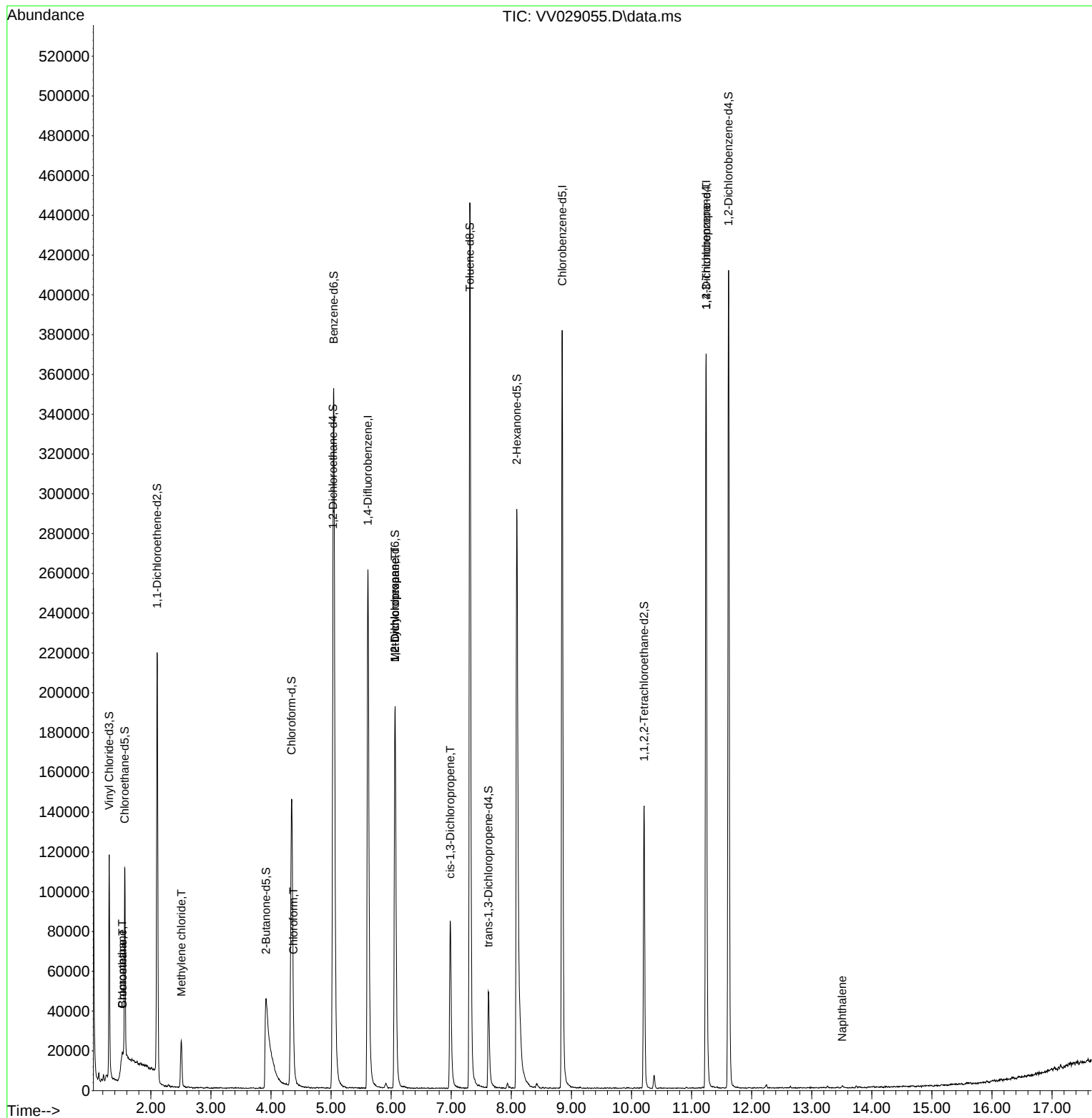
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	254264	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	233952	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	108668	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	77305	4.987	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.800%	
7) Chloroethane-d5	1.564	69	62032	4.552	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.000%	
11) 1,1-Dichloroethene-d2	2.105	63	104212	3.689	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	73.800%	
20) 2-Butanone-d5	3.915	46	142604	54.957	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.920%	
24) Chloroform-d	4.342	84	161806	5.084	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.600%	
26) 1,2-Dichloroethane-d4	5.031	65	76657	5.354	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.000%	
32) Benzene-d6	5.043	84	353139	5.057	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.200%	
36) 1,2-Dichloropropane-d6	6.066	67	101097	5.185	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.600%	
41) Toluene-d8	7.310	98	323591	5.148	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.000%	
43) trans-1,3-Dichloroprop...	7.619	79	33354	5.244	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	104.800%	
46) 2-Hexanone-d5	8.091	63	126850	46.728	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.460%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	71123	5.261	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.200%	
66) 1,2-Dichlorobenzene-d4	11.615	152	118198	6.080	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	121.600%#	
Target Compounds						
					Qvalue	
6) Bromomethane	1.523	94	742	0.062	ug/L	84
8) Chloroethane	1.529	64	22172	1.880	ug/L #	50
16) Methylene chloride	2.507	84	11137	0.560	ug/L	94
25) Chloroform	4.371	83	4545	0.149	ug/L	96
35) Methylcyclohexane	6.066	83	25857	0.804	ug/L #	22
37) 1,2-Dichloropropane	6.066	63	10948	0.664	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	2144	0.093	ug/L #	70
61) 1,2,3-Trichloropropane	11.243	75	10877	1.465	ug/L #	64
71) Naphthalene	13.506	128	1621	0.065	ug/L #	73

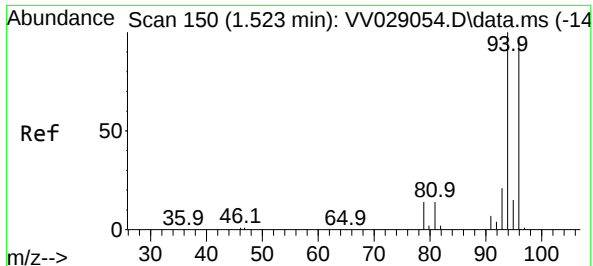
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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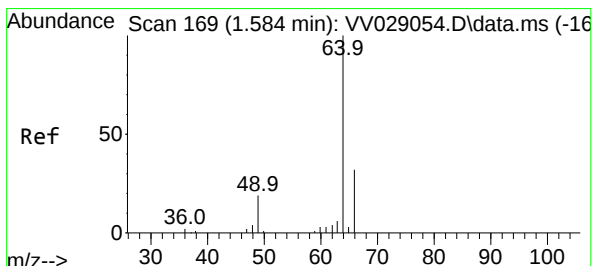
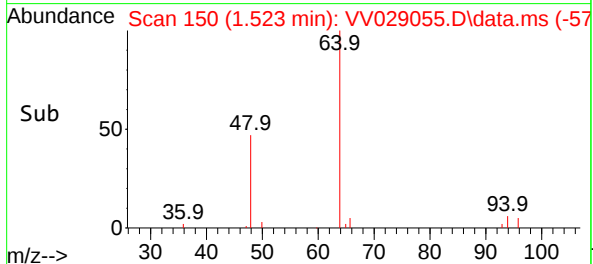
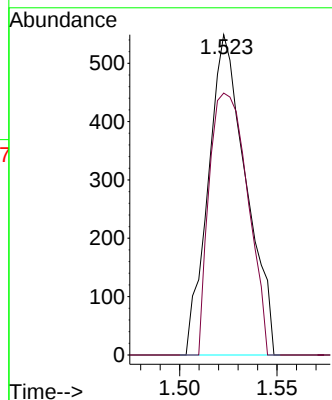
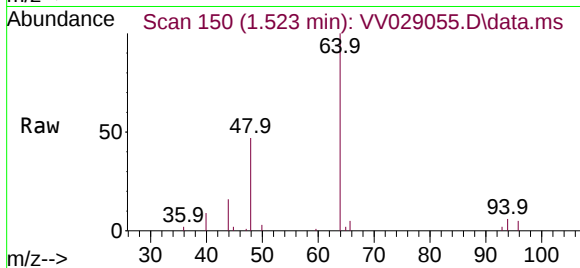




#6
Bromomethane
Concen: 0.062 ug/L
RT: 1.523 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV029055.D
Acq: 17 Nov 2022 07:31

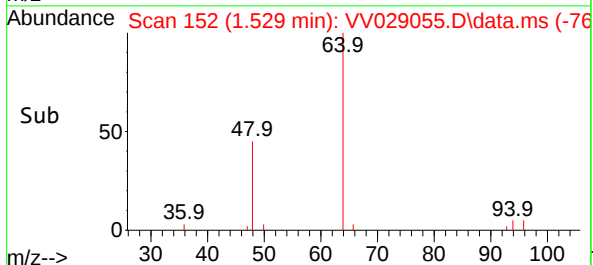
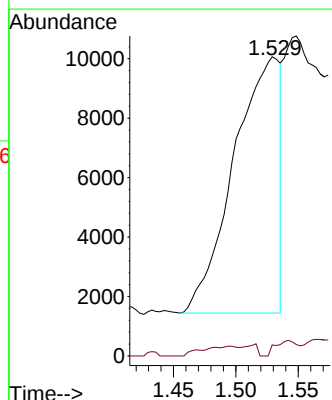
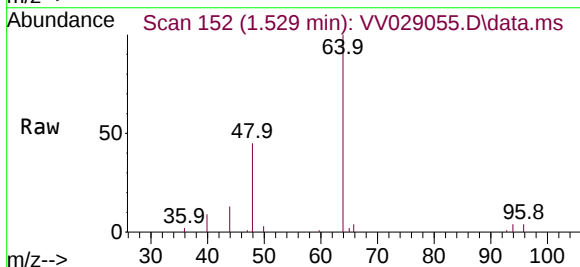
Instrument :
MSVOA_V
ClientSampleId :
BFB398

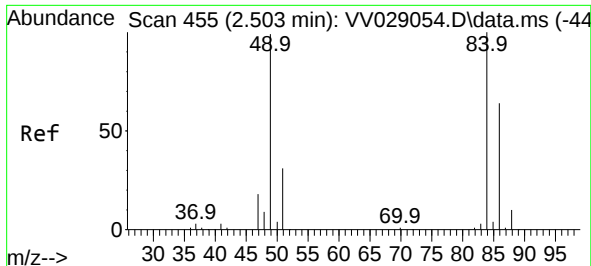
Tgt Ion: 94 Resp: 742
Ion Ratio Lower Upper
94 100
96 81.8 68.5 127.3



#8
Chloroethane
Concen: 1.880 ug/L
RT: 1.529 min Scan# 152
Delta R.T. -0.055 min
Lab File: VV029055.D
Acq: 17 Nov 2022 07:31

Tgt Ion: 64 Resp: 22172
Ion Ratio Lower Upper
64 100
66 3.7 22.0 40.8#

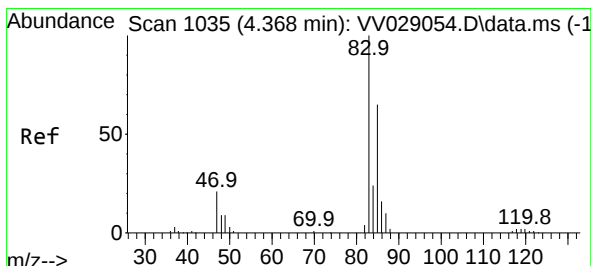
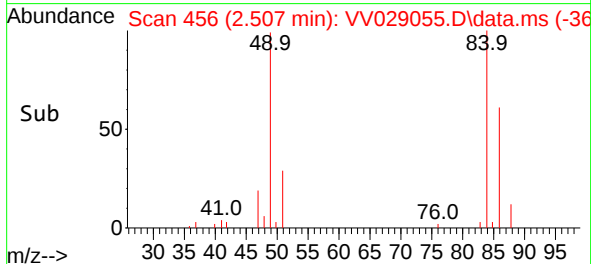
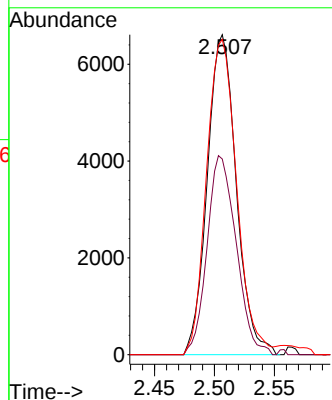
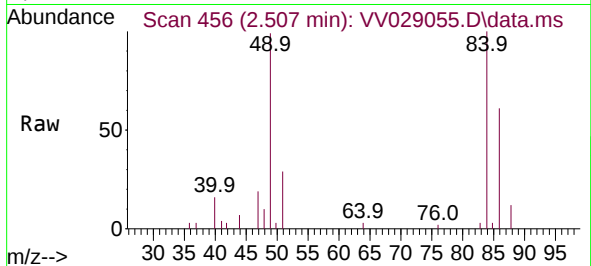




#16
Methylene chloride
Concen: 0.560 ug/L
RT: 2.507 min Scan# 411
Delta R.T. 0.003 min
Lab File: VV029055.D
Acq: 17 Nov 2022 07:31

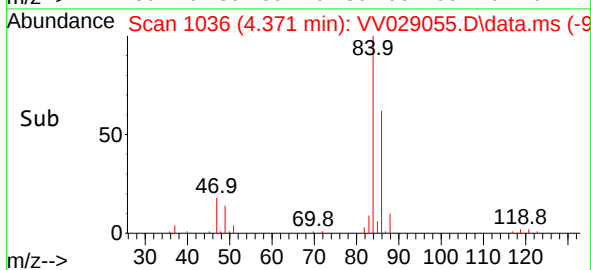
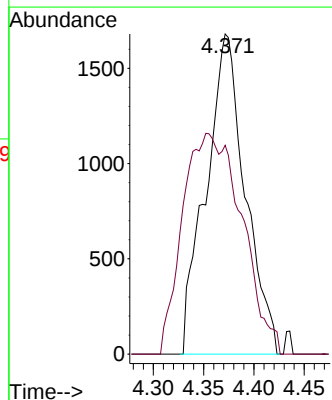
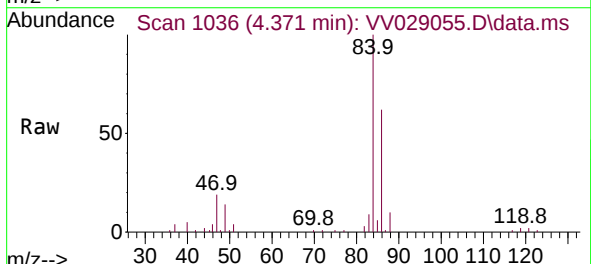
Instrument :
MSVOA_V
ClientSampleId :
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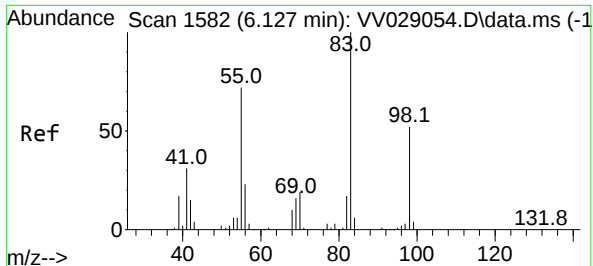
Tgt Ion: 84 Resp: 11137
Ion Ratio Lower Upper
84 100
86 61.2 45.8 85.0
49 101.9 75.5 140.1



#25
Chloroform
Concen: 0.149 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV029055.D
Acq: 17 Nov 2022 07:31

Tgt Ion: 83 Resp: 4545
Ion Ratio Lower Upper
83 100
85 65.2 43.7 81.1

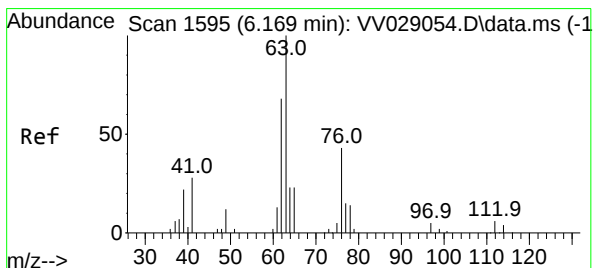
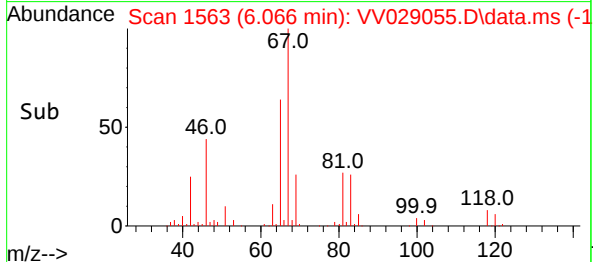
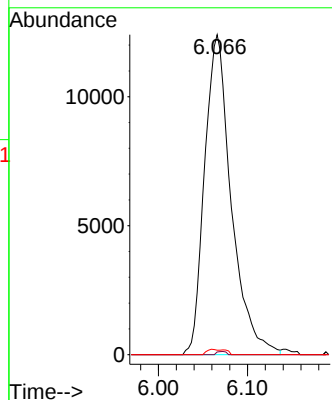
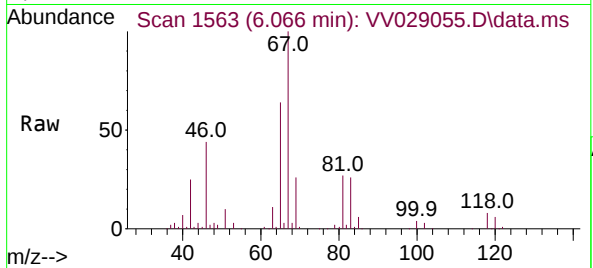




#35
Methylcyclohexane
Concen: 0.804 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV029055.D
Acq: 17 Nov 2022 07:31

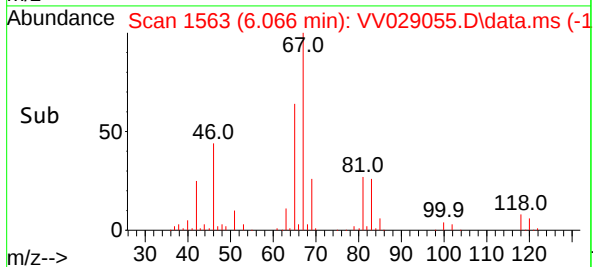
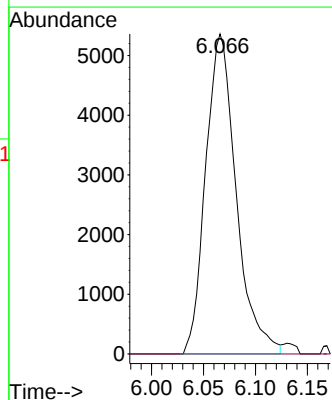
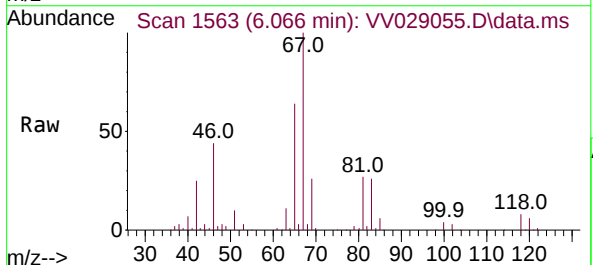
Instrument :
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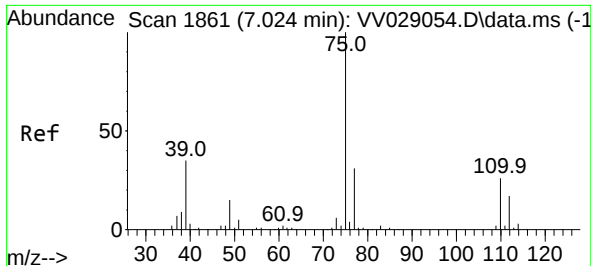
Tgt Ion: 83 Resp: 25857
Ion Ratio Lower Upper
83 100
55 0.3 55.8 83.6#
98 1.2 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.664 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.103 min
Lab File: VV029055.D
Acq: 17 Nov 2022 07:31

Tgt Ion: 63 Resp: 10948
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV029055.D

Acq: 17 Nov 2022 07:31

Instrument :

MSVOA_V

ClientSampleId :

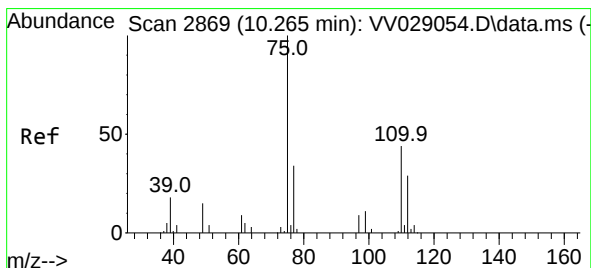
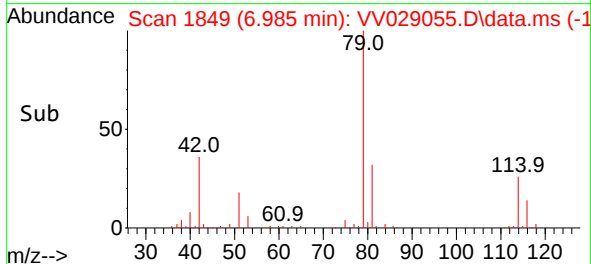
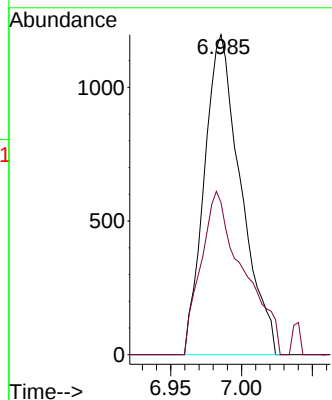
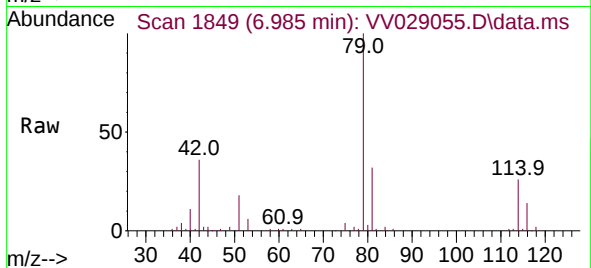
BFB398

Tgt Ion: 75 Resp: 2144

Ion Ratio Lower Upper

75 100

77 47.5 21.8 40.6#



#61

1,2,3-Trichloropropane

Concen: 1.465 ug/L

RT: 11.243 min Scan# 3173

Delta R.T. 0.977 min

Lab File: VV029055.D

Acq: 17 Nov 2022 07:31

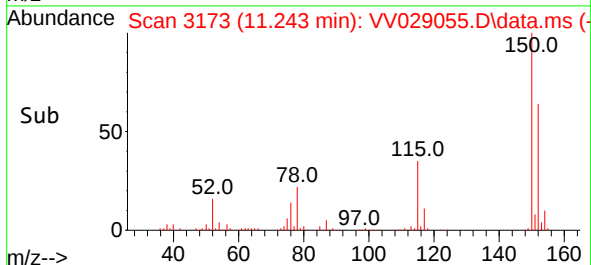
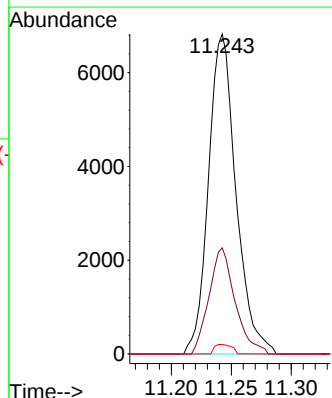
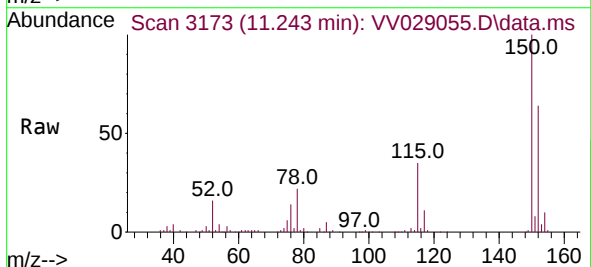
Tgt Ion: 75 Resp: 10877

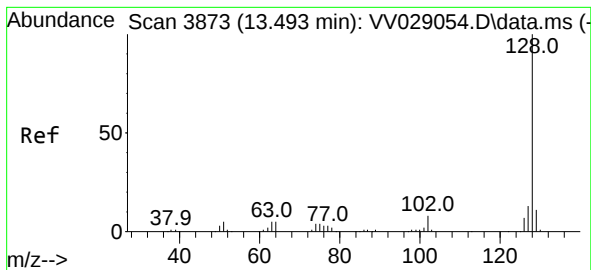
Ion Ratio Lower Upper

75 100

77 31.4 26.2 39.2

110 1.9 32.6 48.8#





#71

Naphthalene

Concen: 0.065 ug/L

RT: 13.506 min Scan# 3877

Delta R.T. 0.013 min

Lab File: VV029055.D

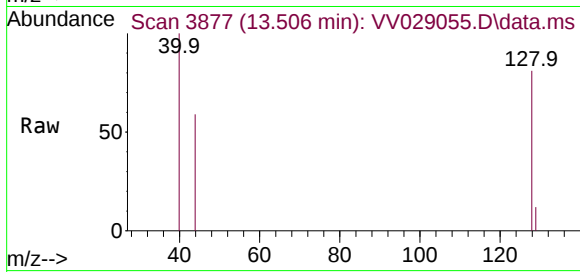
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Tgt Ion:128 Resp: 1621

Ion Ratio Lower Upper

128 100

129 1.3 8.8 13.2#

127 1.2 9.8 14.8#

