

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111822\
 Data File : VW029116.D
 Acq On : 18 Nov 2022 14:22
 Operator : SY/MD
 Sample : N5687-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCD6

Quant Time: Nov 18 23:34:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 04:35:43 2022
 Response via : Initial Calibration

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

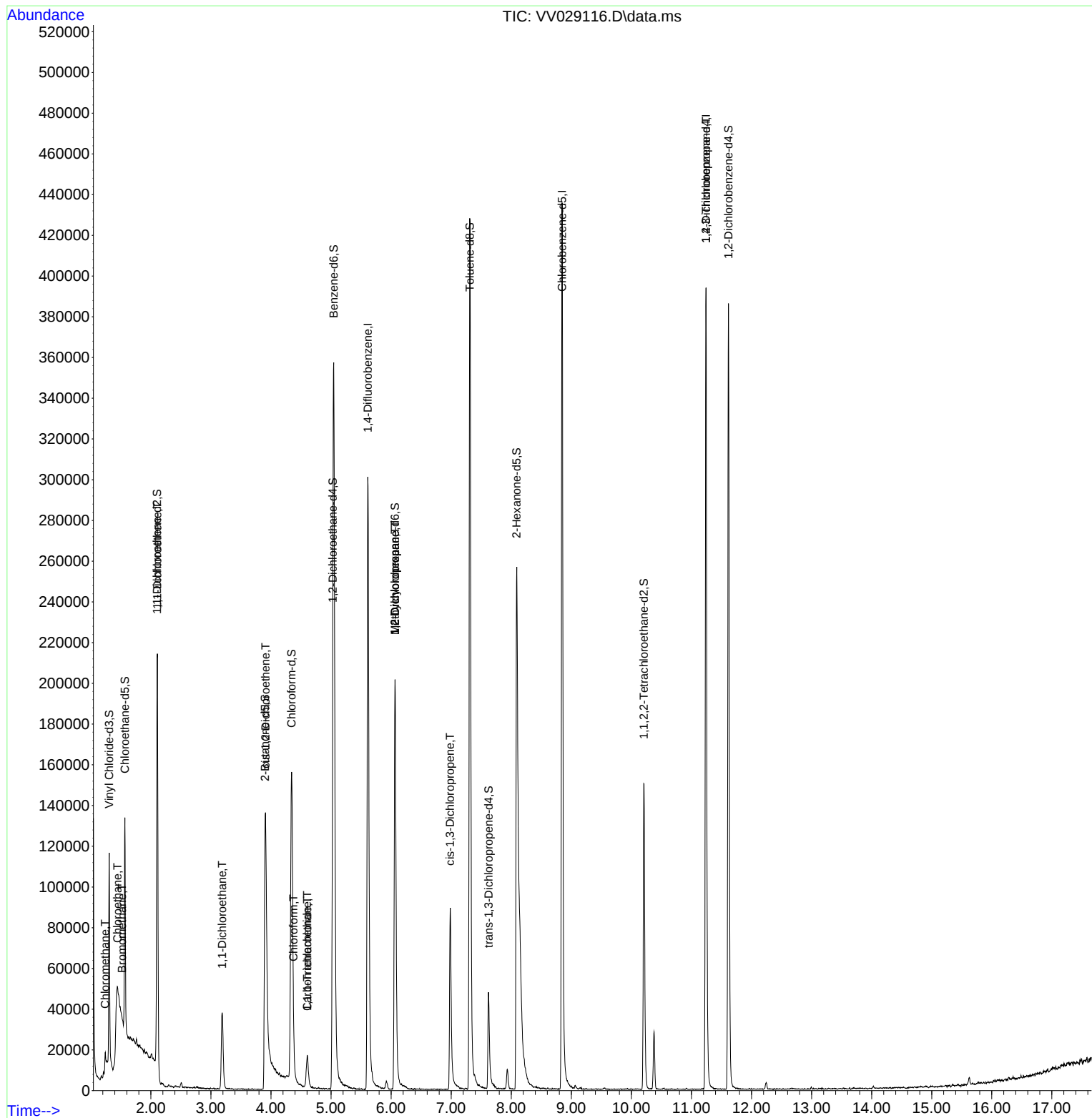
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	282838	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	263792	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	110691	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	72817	4.223	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.400%	
7) Chloroethane-d5	1.568	69	66208	4.368	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.400%	
11) 1,1-Dichloroethene-d2	2.105	63	104002	3.310	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.200%	
20) 2-Butanone-d5	3.902	46	107116	37.110	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	74.220%	
24) Chloroform-d	4.343	84	167968	4.745	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
26) 1,2-Dichloroethane-d4	5.027	65	80252	5.038	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.800%	
32) Benzene-d6	5.044	84	352448	4.476	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.600%	
36) 1,2-Dichloropropane-d6	6.066	67	106797	4.857	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.200%	
41) Toluene-d8	7.310	98	308186	4.348	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.000%	
43) trans-1,3-Dichloroprop...	7.622	79	33235	4.635	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.600%	
46) 2-Hexanone-d5	8.088	63	149632	48.885	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.760%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	79862	5.239	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.800%	
66) 1,2-Dichlorobenzene-d4	11.616	152	107764	5.442	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	6692	0.342	ug/L	91
6) Bromomethane	1.520	94	587	0.044	ug/L	93
8) Chloroethane	1.446	64	107870	8.224	ug/L #	53
12) 1,1-Dichloroethene	2.108	96	1673	0.098	ug/L #	1
19) 1,1-Dichloroethane	3.185	63	40158	1.237	ug/L	96
22) cis-1,2-Dichloroethene	3.909	96	57585	2.852	ug/L	97
25) Chloroform	4.375	83	4537	0.133	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	12295	0.397	ug/L	99
31) Carbon tetrachloride	4.606	117	1851	0.069	ug/L	86
35) Methylcyclohexane	6.066	83	25814	0.712	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	10619	0.571	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	2473	0.095	ug/L #	41
61) 1,2,3-Trichloropropane	11.243	75	12699	1.679	ug/L #	65

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

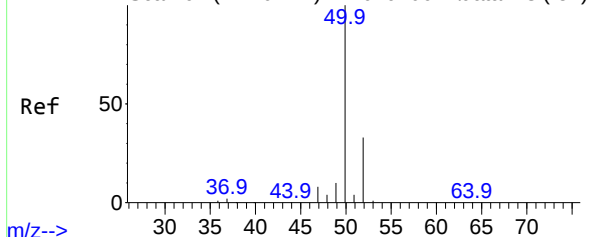
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111822\
Data File : VV029116.D
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 04:35:43 2022
Response via : Initial Calibration



Abundance Scan 62 (1.240 min): VV029106.D\data.ms (-54)



#3

Chloromethane

Concen: 0.342 ug/L

RT: 1.240 min Scan# 61

Delta R.T. 0.000 min

Lab File: VV029116.D

Acq: 18 Nov 2022 14:22

Instrument :

MSVOA_V

ClientSampleId :

BGCD6

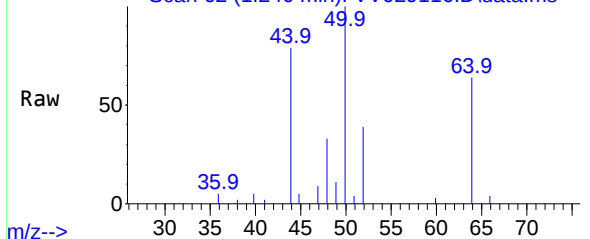
Tgt Ion: 50 Resp: 6692

Ion Ratio Lower Upper

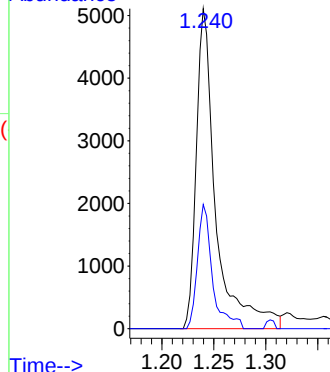
50 100

52 38.8 23.7 43.9

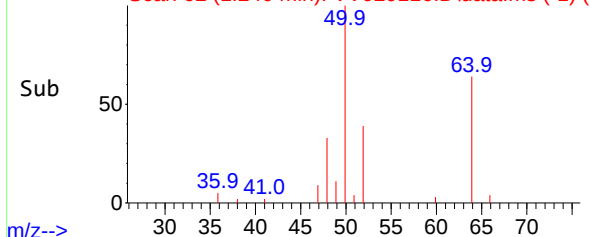
Abundance Scan 62 (1.240 min): VV029116.D\data.ms



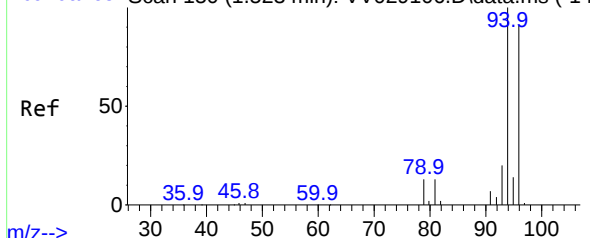
Abundance



Abundance Scan 62 (1.240 min): VV029116.D\data.ms (-1)



Abundance Scan 150 (1.523 min): VV029106.D\data.ms (-14)



#6

Bromomethane

Concen: 0.044 ug/L

RT: 1.520 min Scan# 149

Delta R.T. -0.003 min

Lab File: VV029116.D

Acq: 18 Nov 2022 14:22

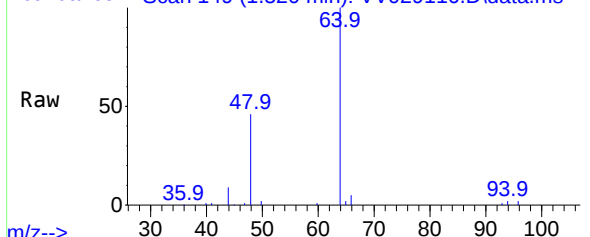
Tgt Ion: 94 Resp: 587

Ion Ratio Lower Upper

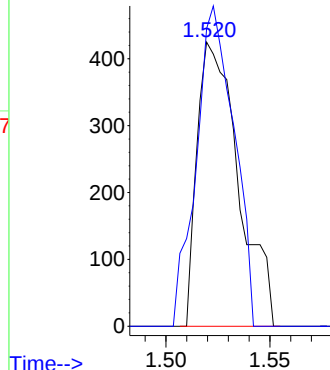
94 100

96 104.7 68.5 127.3

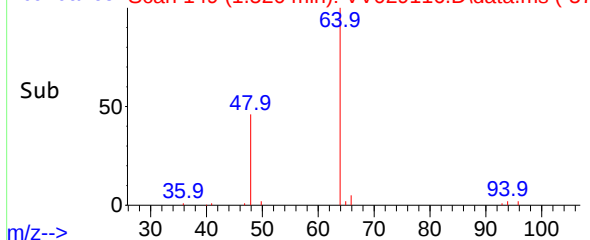
Abundance Scan 149 (1.520 min): VV029116.D\data.ms

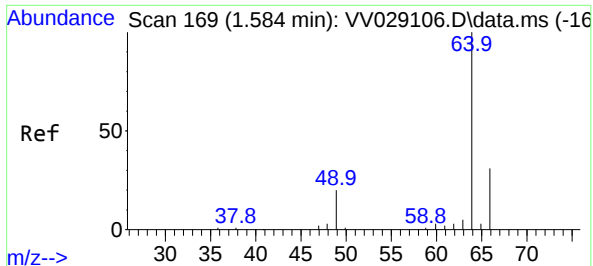


Abundance



Abundance Scan 149 (1.520 min): VV029116.D\data.ms (-57)

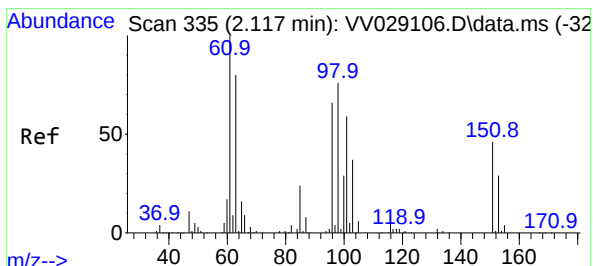
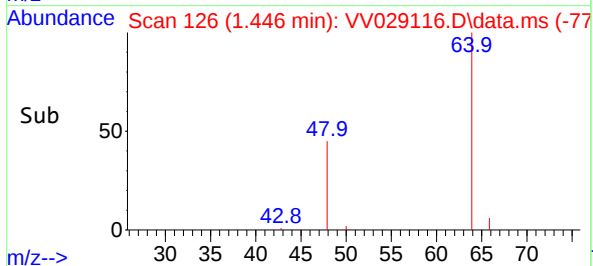
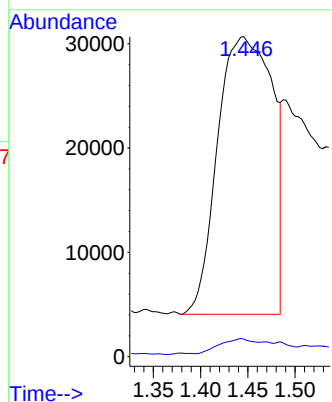
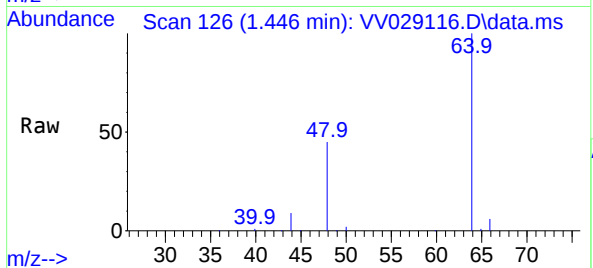




#8
Chloroethane
Concen: 8.224 ug/L
RT: 1.446 min Scan# 11
Delta R.T. -0.141 min
Lab File: VV029116.D
Acq: 18 Nov 2022 14:22

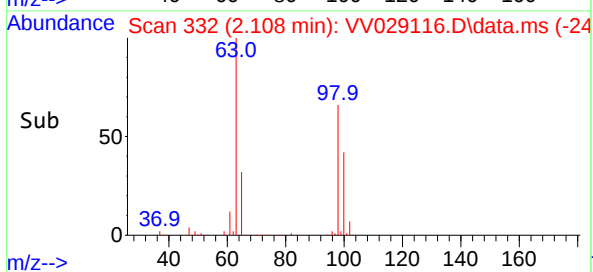
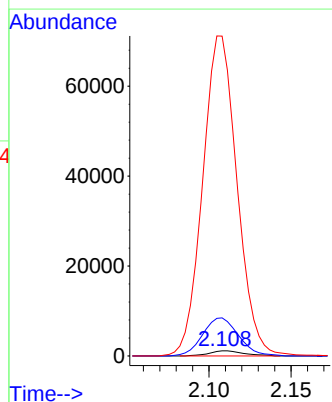
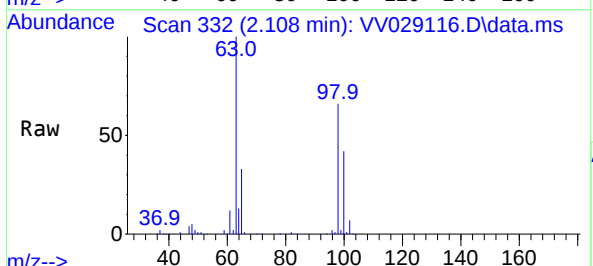
Instrument :
MSVOA_V
ClientSampleId :
BGCD6

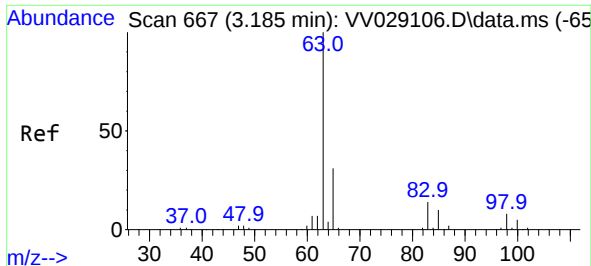
Tgt Ion: 64 Resp: 107870
Ion Ratio Lower Upper
64 100
66 5.5 22.0 40.8#



#12
1,1-Dichloroethene
Concen: 0.098 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.013 min
Lab File: VV029116.D
Acq: 18 Nov 2022 14:22

Tgt Ion: 96 Resp: 1673
Ion Ratio Lower Upper
96 100
61 732.1 104.2 193.4#
63 6161.0 75.9 140.9#



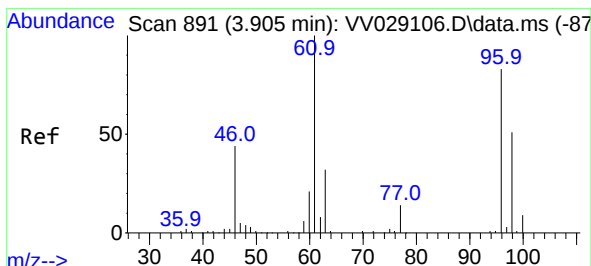
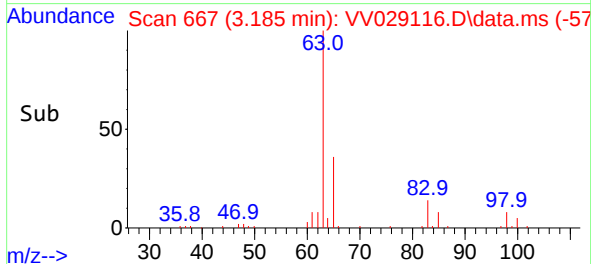
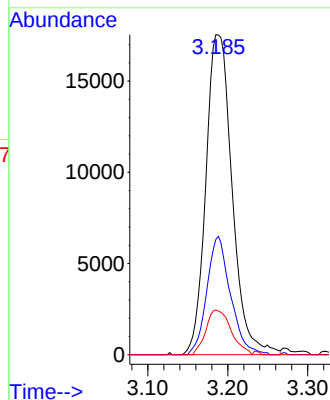
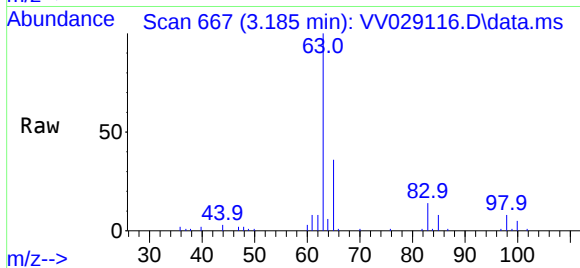


#19
1,1-Dichloroethane
Concen: 1.237 ug/L
RT: 3.185 min Scan# 667
Delta R.T. -0.003 min
Lab File: VV029116.D
Acq: 18 Nov 2022 14:22

Instrument :
MSVOA_V
ClientSampleId :
BGCD6

Tgt Ion: 63 Resp: 40158

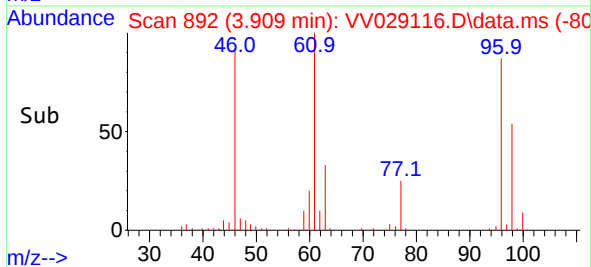
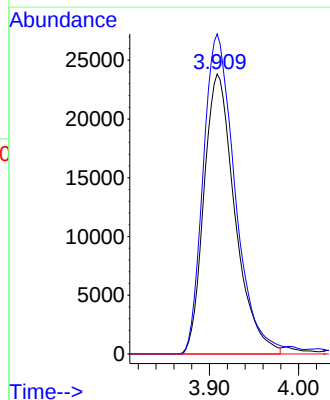
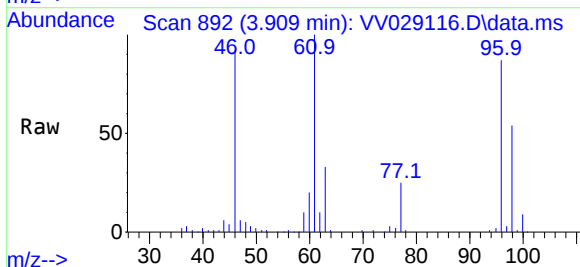
Ion	Ratio	Lower	Upper
63	100		
65	36.0	23.0	42.6
83	13.9	9.4	17.6

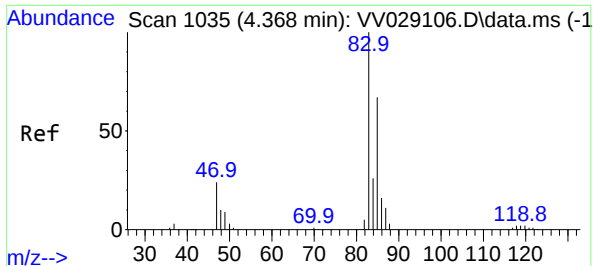


#22
cis-1,2-Dichloroethene
Concen: 2.852 ug/L
RT: 3.909 min Scan# 892
Delta R.T. -0.003 min
Lab File: VV029116.D
Acq: 18 Nov 2022 14:22

Tgt Ion: 96 Resp: 57585

Ion	Ratio	Lower	Upper
96	100		
61	114.3	82.3	152.9
68	0.0	0.0	0.0





#25

Chloroform

Concen: 0.133 ug/L

RT: 4.375 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VV029116.D

Acq: 18 Nov 2022 14:22

Instrument :

MSVOA_V

ClientSampleId :

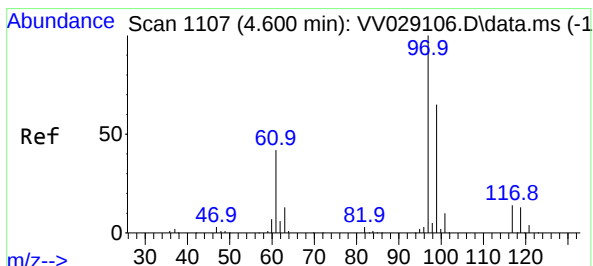
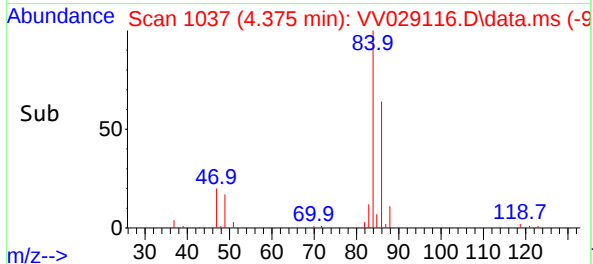
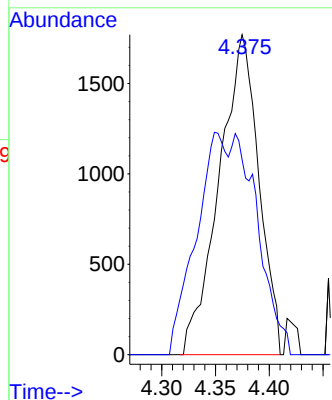
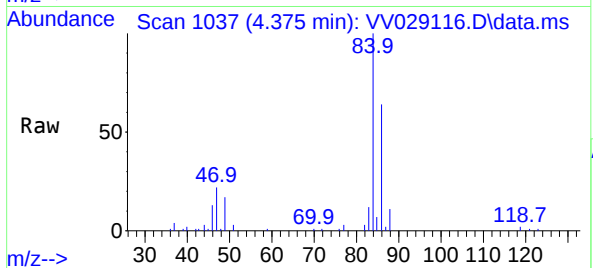
BGCD6

Tgt Ion: 83 Resp: 4537

Ion Ratio Lower Upper

83 100

85 60.9 43.7 81.1



#29

1,1,1-Trichloroethane

Concen: 0.397 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VV029116.D

Acq: 18 Nov 2022 14:22

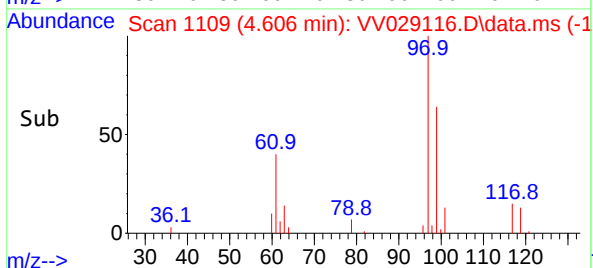
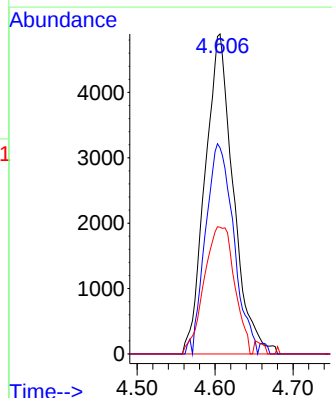
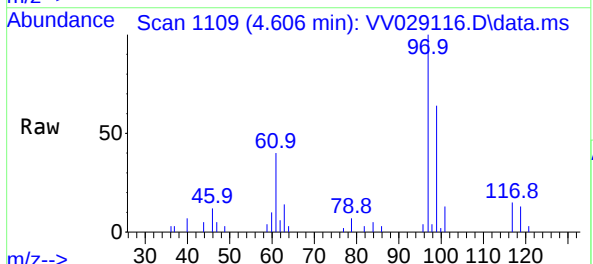
Tgt Ion: 97 Resp: 12295

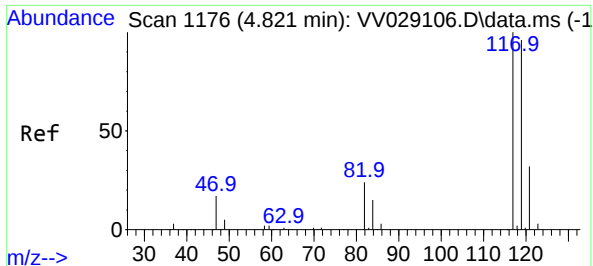
Ion Ratio Lower Upper

97 100

99 65.8 52.7 79.1

61 42.9 33.8 50.6

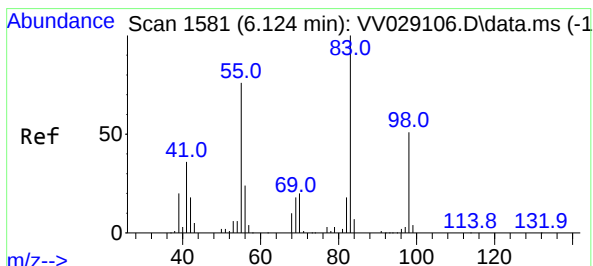
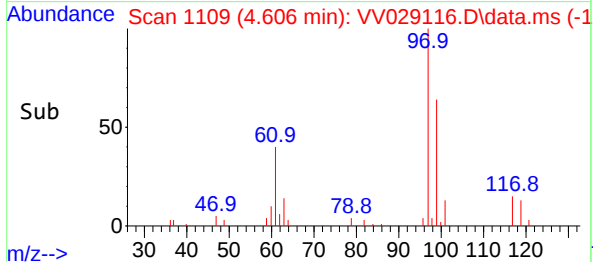
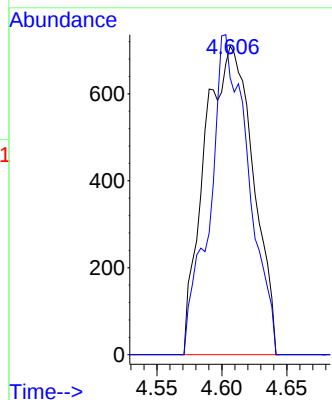
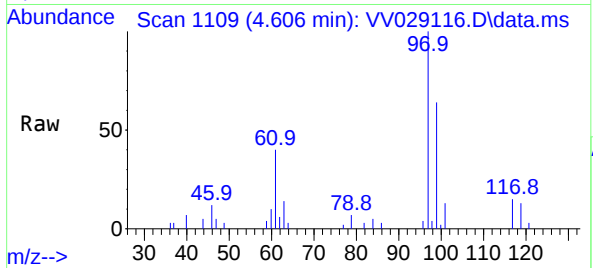




#31
Carbon tetrachloride
Concen: 0.069 ug/L
RT: 4.606 min Scan# 1176
Delta R.T. -0.222 min
Lab File: VV029116.D
Acq: 18 Nov 2022 14:22

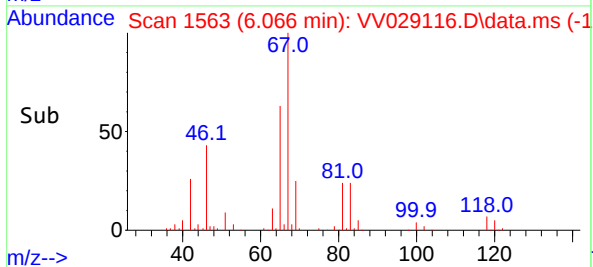
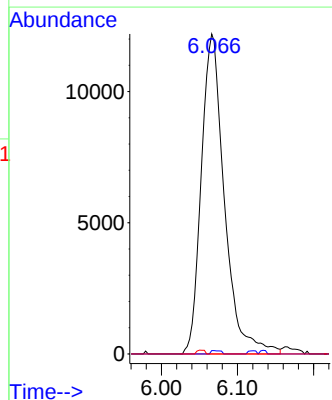
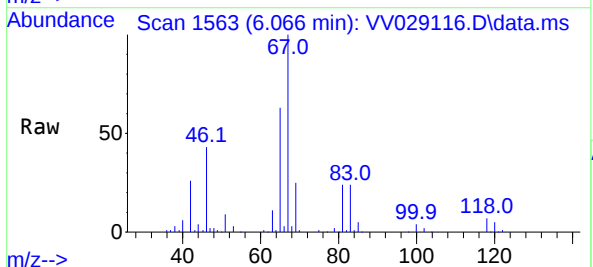
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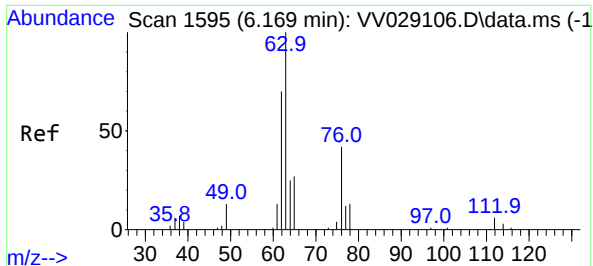
Tgt Ion:117 Resp: 1851
Ion Ratio Lower Upper
117 100
119 82.7 77.0 115.6



#35
Methylcyclohexane
Concen: 0.712 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.064 min
Lab File: VV029116.D
Acq: 18 Nov 2022 14:22

Tgt Ion: 83 Resp: 25814
Ion Ratio Lower Upper
83 100
55 0.4 55.8 83.6#
98 0.4 38.2 57.2#

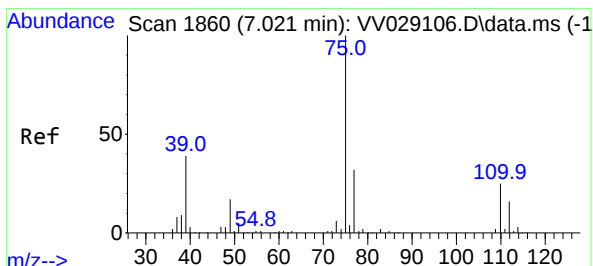
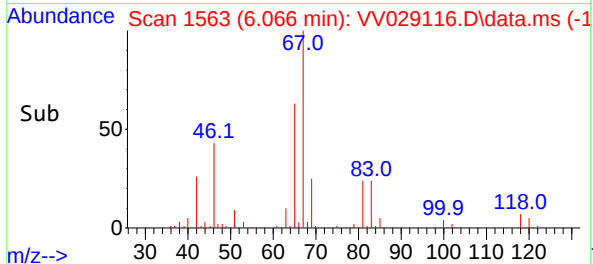
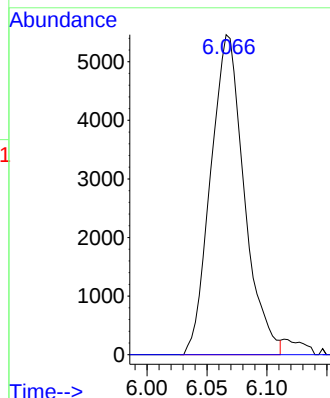
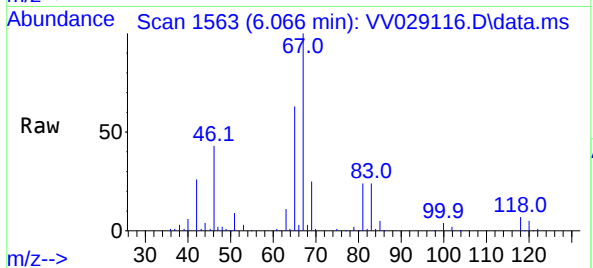




#37
1,2-Dichloropropane
Concen: 0.571 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV029116.D
Acq: 18 Nov 2022 14:22

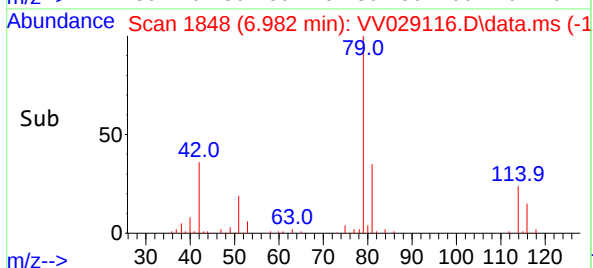
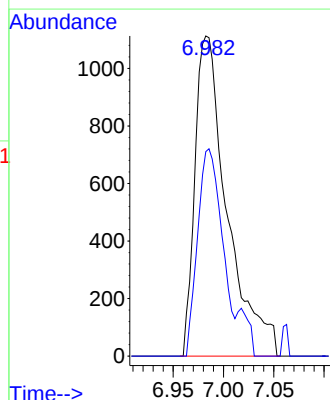
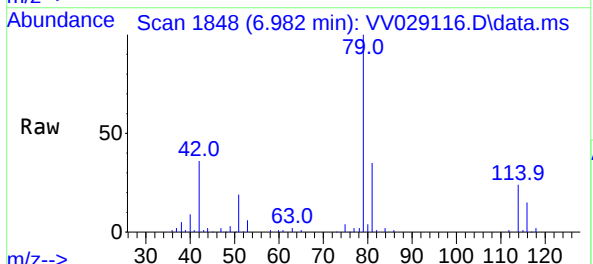
Instrument :
MSVOA_V
ClientSampleId :
BGCD6

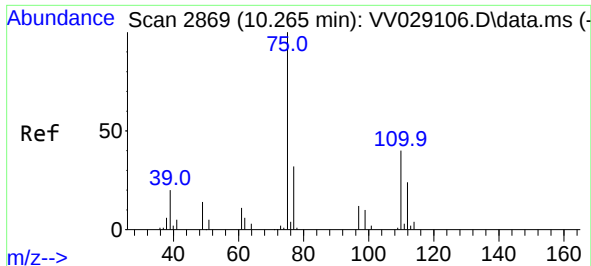
Tgt Ion: 63 Resp: 10619
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 6.982 min Scan# 1848
Delta R.T. -0.045 min
Lab File: VV029116.D
Acq: 18 Nov 2022 14:22

Tgt Ion: 75 Resp: 2473
Ion Ratio Lower Upper
75 100
77 63.9 21.8 40.6#





#61

1,2,3-Trichloropropane

Concen: 1.679 ug/L

RT: 11.243 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV029116.D

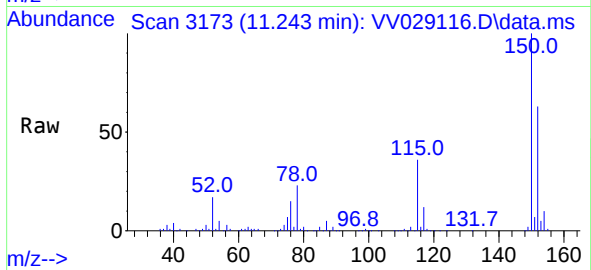
Acq: 18 Nov 2022 14:22

Instrument :

MSVOA_V

ClientSampleId :

BGCD6



Tgt Ion: 75 Resp: 12699

Ion Ratio Lower Upper

75 100

77 34.0 26.2 39.2

110 2.2 32.6 48.8#

