

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111722\
 Data File : VW029085.D
 Acq On : 18 Nov 2022 00:09
 Operator : SY/MD
 Sample : N5687-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCD0

Quant Time: Nov 18 06:01:06 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)

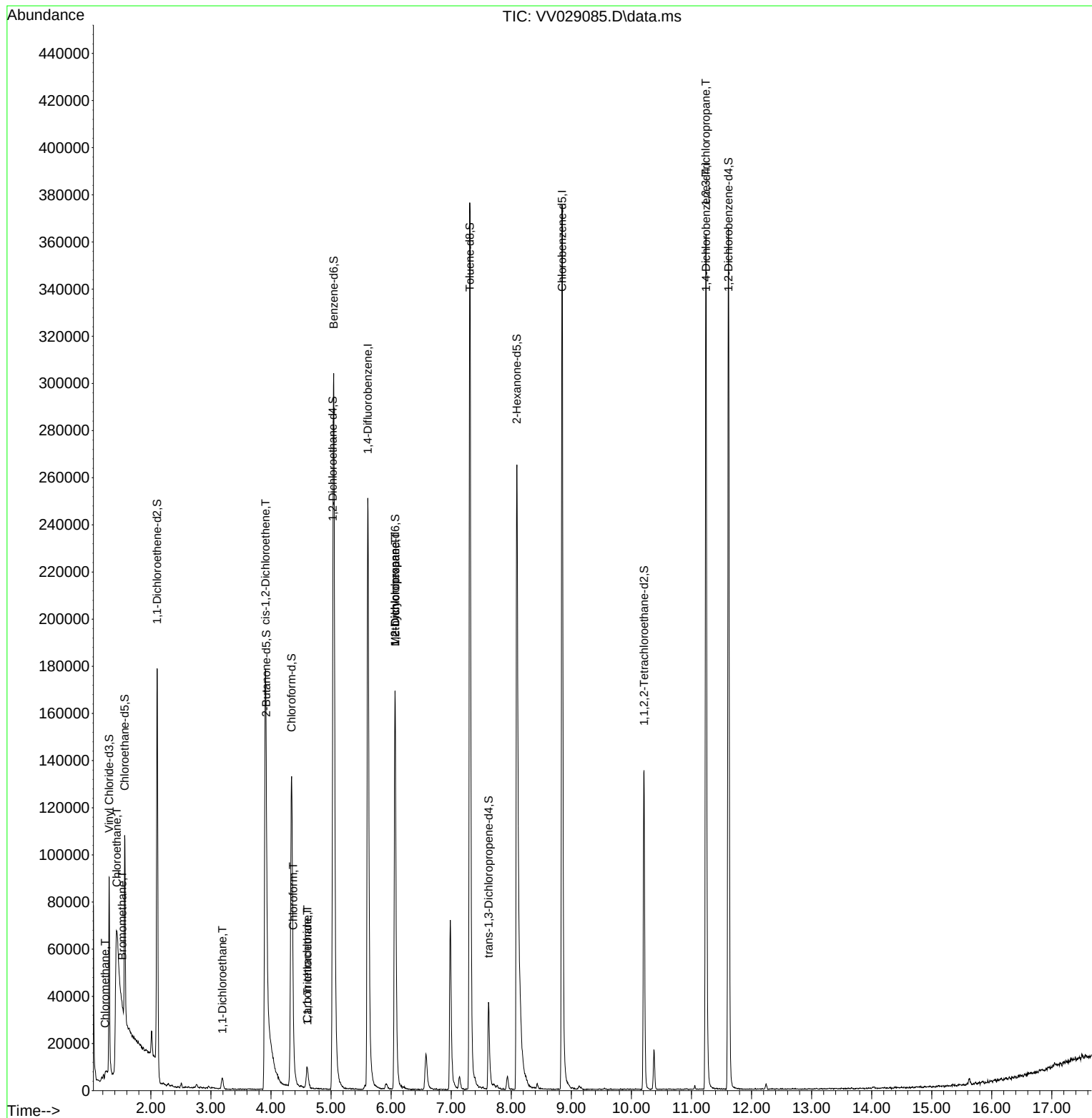
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	247351	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	232102	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	107500	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	57967	3.844	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.564	69	51472	3.883	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.105	63	81798	2.977	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.600%#
20) 2-Butanone-d5	3.921	46	107112	42.433	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.860%
24) Chloroform-d	4.343	84	147782	4.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.031	65	69500	4.989	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.043	84	302221	4.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.066	67	89797	4.642	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.310	98	275006	4.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	7.622	79	25803	4.090	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.092	63	116418	43.227	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.460%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	69630	5.191	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	11.616	152	108504	5.642	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.800%
Target Compounds						
3) Chloromethane	1.240	50	1823	0.107	ug/L	96
6) Bromomethane	1.523	94	742	0.064	ug/L #	57
8) Chloroethane	1.433	64	262181	22.857	ug/L #	52
19) 1,1-Dichloroethane	3.191	63	5012	0.177	ug/L	91
22) cis-1,2-Dichloroethene	3.908	96	95952	5.435	ug/L	94
25) Chloroform	4.368	83	3047	0.102	ug/L	90
29) 1,1,1-Trichloroethane	4.609	97	7833	0.288	ug/L	96
31) Carbon tetrachloride	4.603	117	1104	0.047	ug/L #	44
35) Methylcyclohexane	6.066	83	22755	0.713	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	9510	0.581	ug/L #	85
61) 1,2,3-Trichloropropane	11.239	75	10380	1.413	ug/L #	62

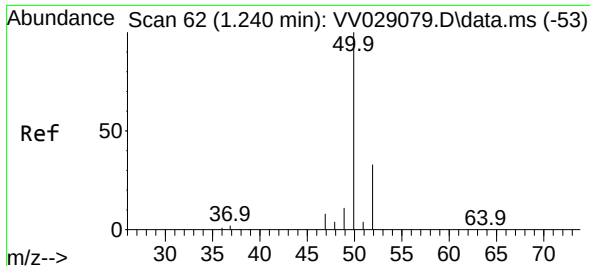
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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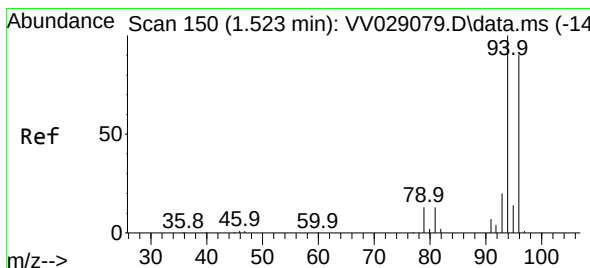
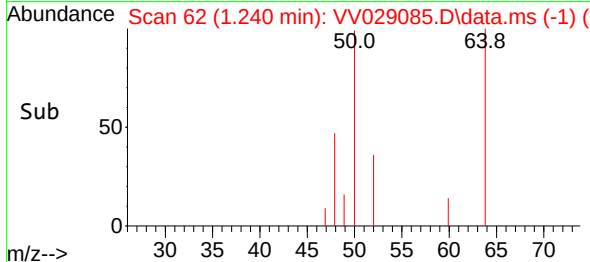
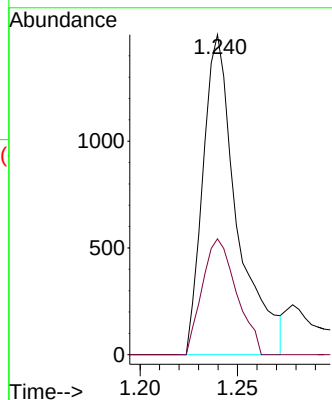
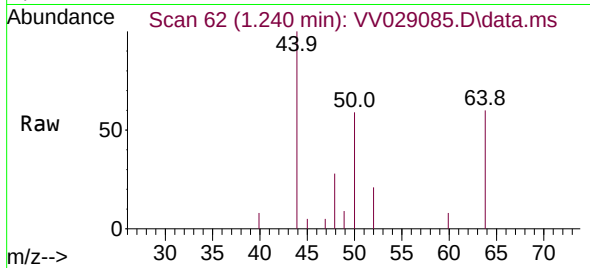




#3
Chloromethane
Concen: 0.107 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029085.D
Acq: 18 Nov 2022 00:09

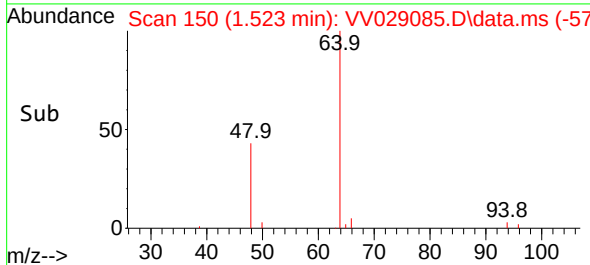
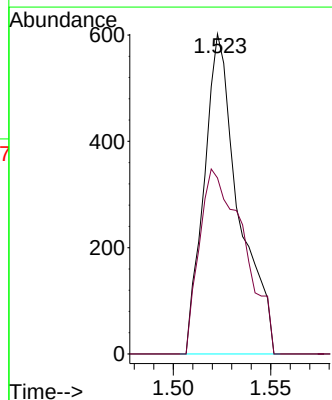
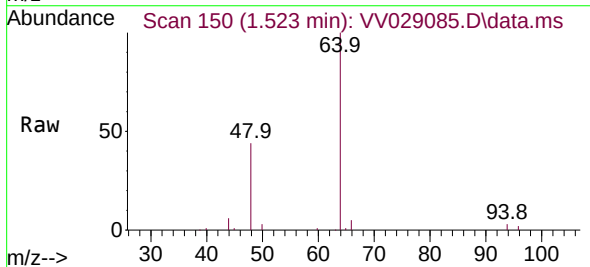
Instrument :
MSVOA_V
ClientSampleId :
BGCD0

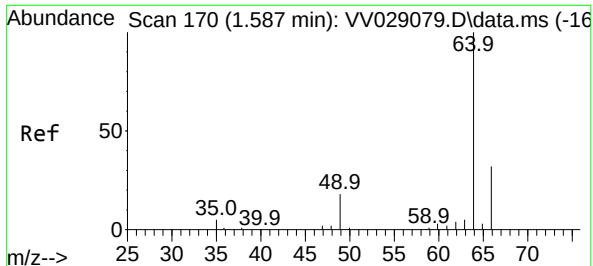
Tgt Ion: 50 Resp: 1823
Ion Ratio Lower Upper
50 100
52 36.2 23.7 43.9



#6
Bromomethane
Concen: 0.064 ug/L
RT: 1.523 min Scan# 150
Delta R.T. -0.000 min
Lab File: VV029085.D
Acq: 18 Nov 2022 00:09

Tgt Ion: 94 Resp: 742
Ion Ratio Lower Upper
94 100
96 55.0 68.5 127.3#

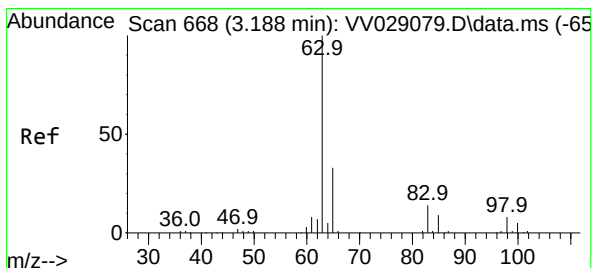
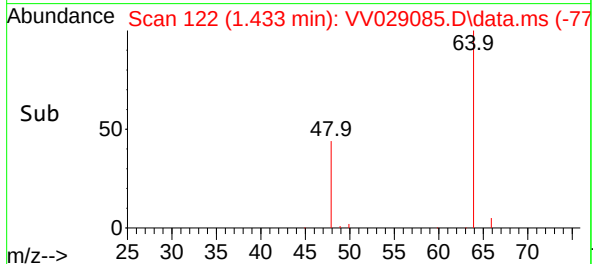
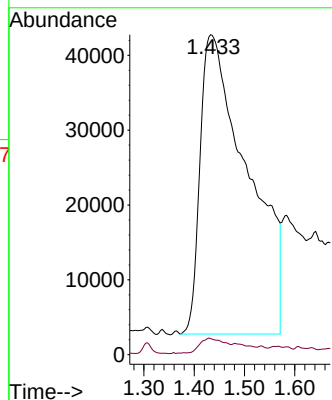
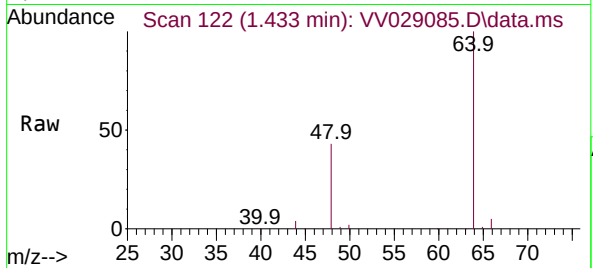




#8
Chloroethane
Concen: 22.857 ug/L
RT: 1.433 min Scan# 11
Delta R.T. -0.154 min
Lab File: VV029085.D
Acq: 18 Nov 2022 00:09

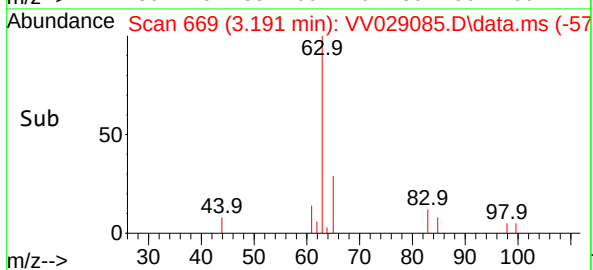
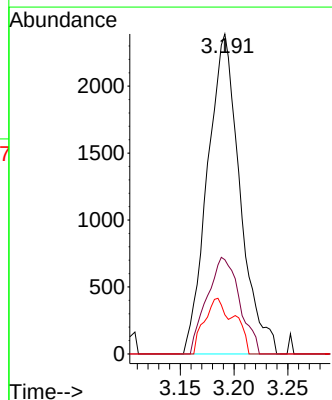
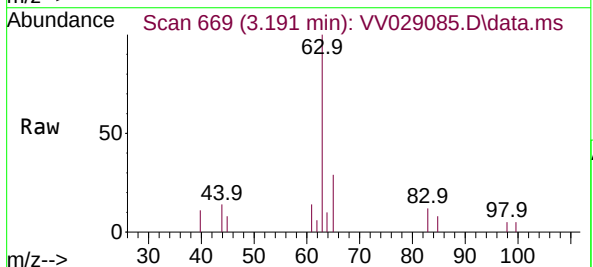
Instrument :
MSVOA_V
ClientSampleId :
BGCD0

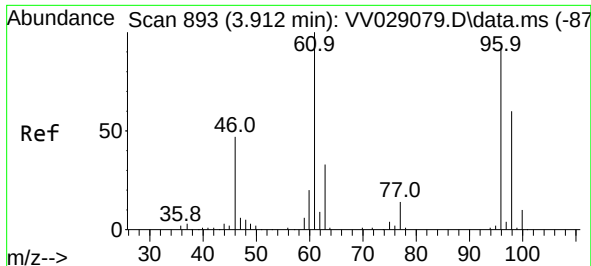
Tgt Ion: 64 Resp: 262181
Ion Ratio Lower Upper
64 100
66 5.1 22.0 40.8#



#19
1,1-Dichloroethane
Concen: 0.177 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV029085.D
Acq: 18 Nov 2022 00:09

Tgt Ion: 63 Resp: 5012
Ion Ratio Lower Upper
63 100
65 26.8 23.0 42.6
83 11.1 9.4 17.6

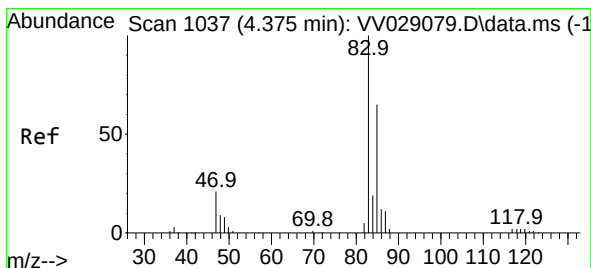
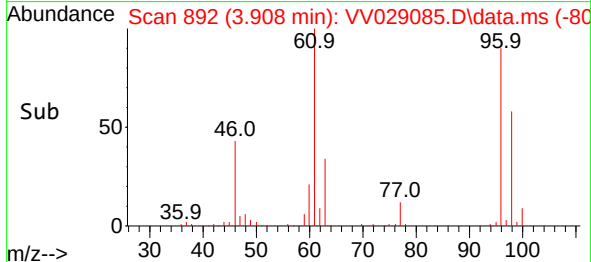
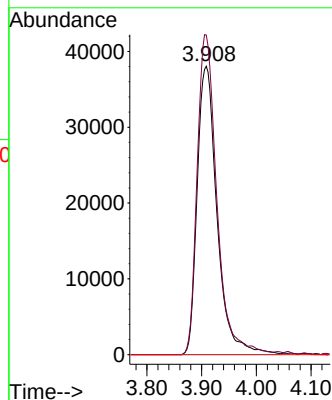
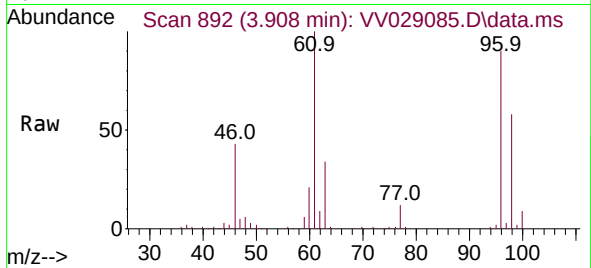




#22
 cis-1,2-Dichloroethene
 Concen: 5.435 ug/L
 RT: 3.908 min Scan# 89
 Delta R.T. -0.003 min
 Lab File: VV029085.D
 Acq: 18 Nov 2022 00:09

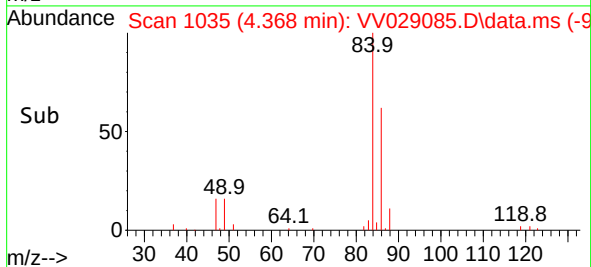
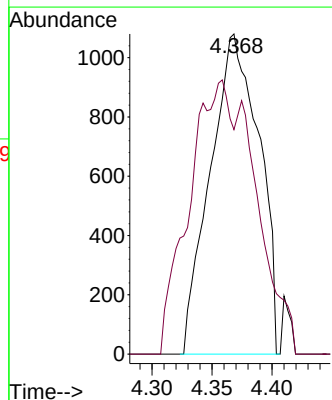
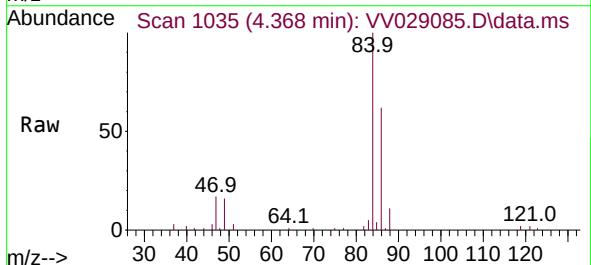
Instrument :
 MSVOA_V
 ClientSampleId :
 BGCD0

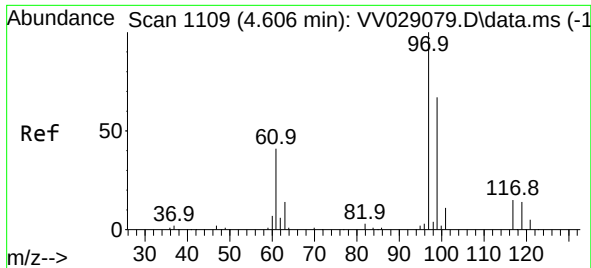
Tgt Ion: 96 Resp: 95952
 Ion Ratio Lower Upper
 96 100
 61 110.8 82.3 152.9
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.102 ug/L
 RT: 4.368 min Scan# 1035
 Delta R.T. -0.006 min
 Lab File: VV029085.D
 Acq: 18 Nov 2022 00:09

Tgt Ion: 83 Resp: 3047
 Ion Ratio Lower Upper
 83 100
 85 70.1 43.7 81.1





#29

1,1,1-Trichloroethane

Concen: 0.288 ug/L

RT: 4.609 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV029085.D

Acq: 18 Nov 2022 00:09

Instrument :

MSVOA_V

ClientSampleId :

BGCD0

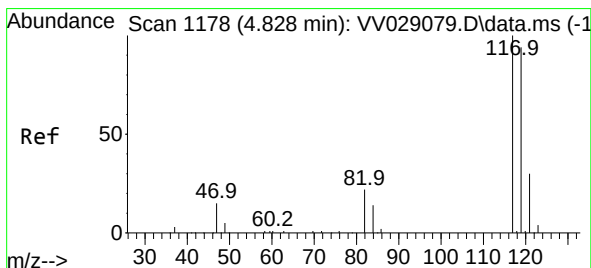
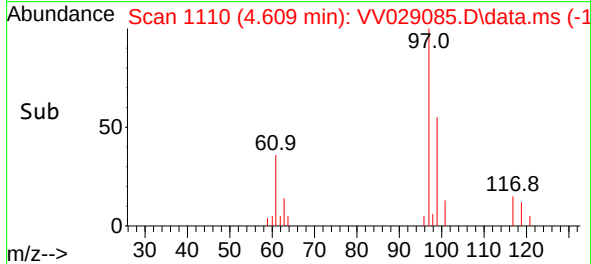
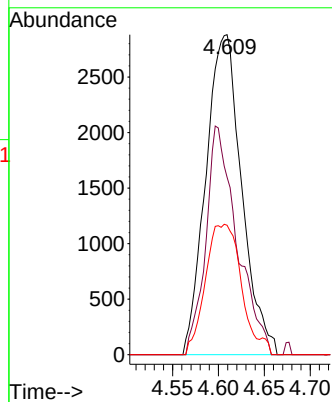
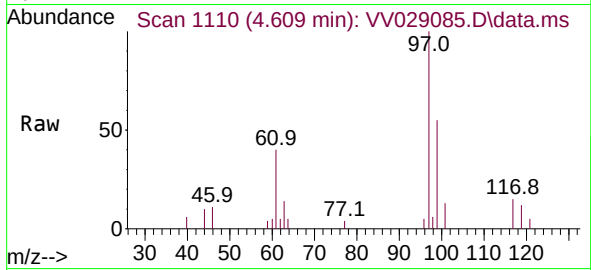
Tgt Ion: 97 Resp: 7833

Ion Ratio Lower Upper

97 100

99 62.2 52.7 79.1

61 41.0 33.8 50.6



#31

Carbon tetrachloride

Concen: 0.047 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.225 min

Lab File: VV029085.D

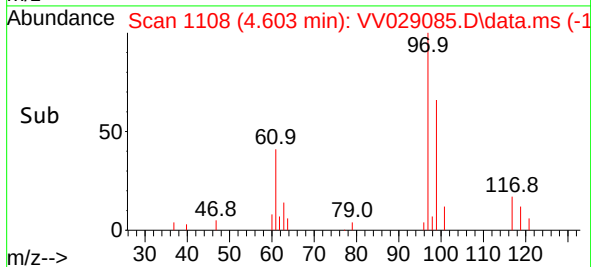
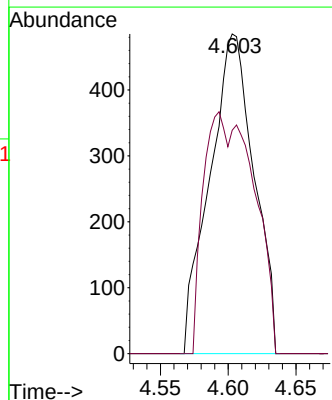
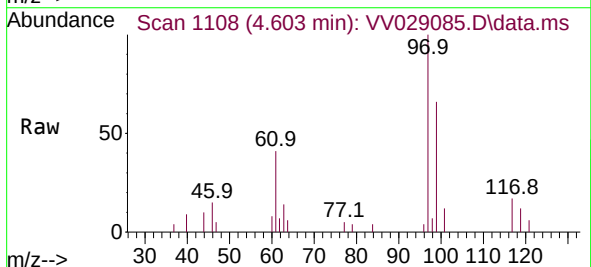
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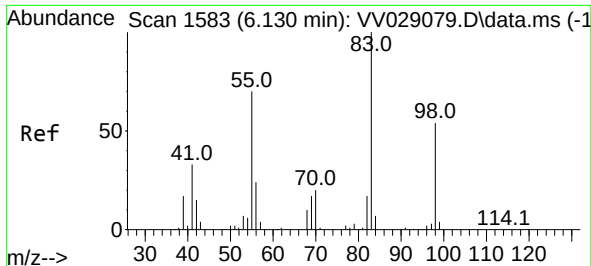
Tgt Ion: 117 Resp: 1104

Ion Ratio Lower Upper

117 100

119 41.9 77.0 115.6#

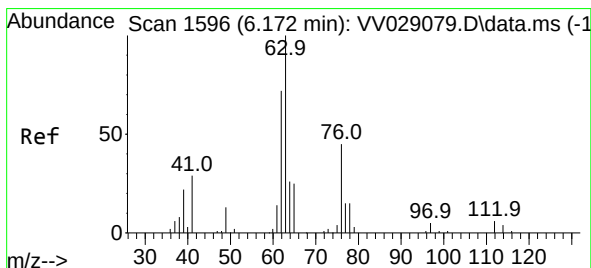
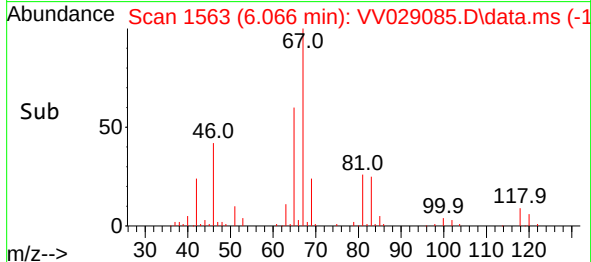
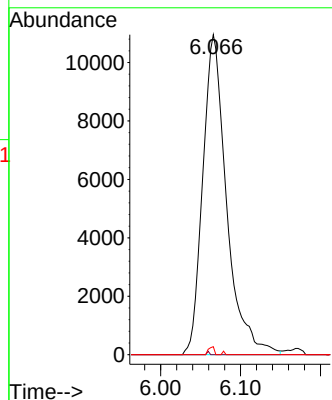
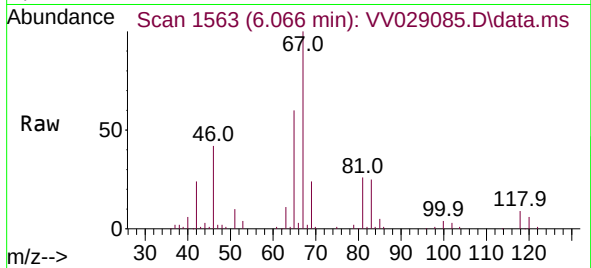




#35
Methylcyclohexane
Concen: 0.713 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.064 min
Lab File: VV029085.D
Acq: 18 Nov 2022 00:09

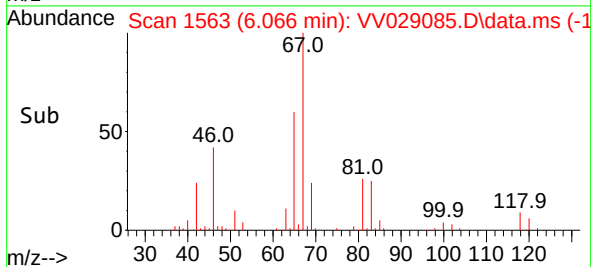
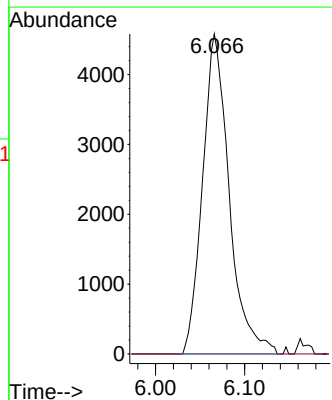
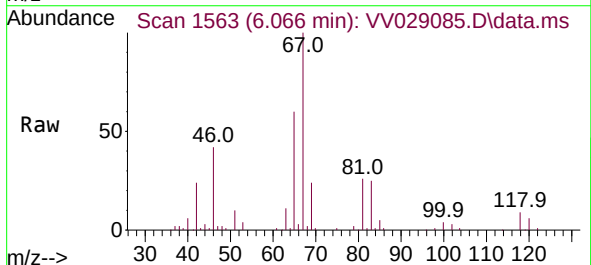
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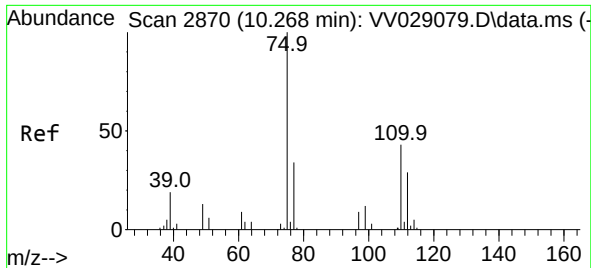
Tgt Ion: 83 Resp: 22755
Ion Ratio Lower Upper
83 100
55 0.1 55.8 83.6#
98 0.6 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.581 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.106 min
Lab File: VV029085.D
Acq: 18 Nov 2022 00:09

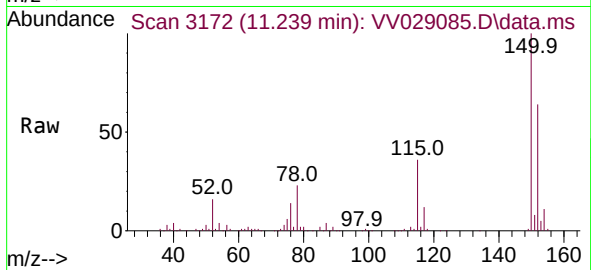
Tgt Ion: 63 Resp: 9510
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.413 ug/L
 RT: 11.239 min Scan# 31
 Delta R.T. 0.971 min
 Lab File: VV029085.D
 Acq: 18 Nov 2022 00:09

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCD0



Tgt Ion: 75 Resp: 10380
 Ion Ratio Lower Upper
 75 100
 77 37.5 26.2 39.2
 110 2.3 32.6 48.8#

