

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111722\
 Data File : VV029080.D
 Acq On : 17 Nov 2022 22:09
 Operator : SY/MD
 Sample : VV1117WBL02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK267

Quant Time: Nov 18 04:36:21 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)

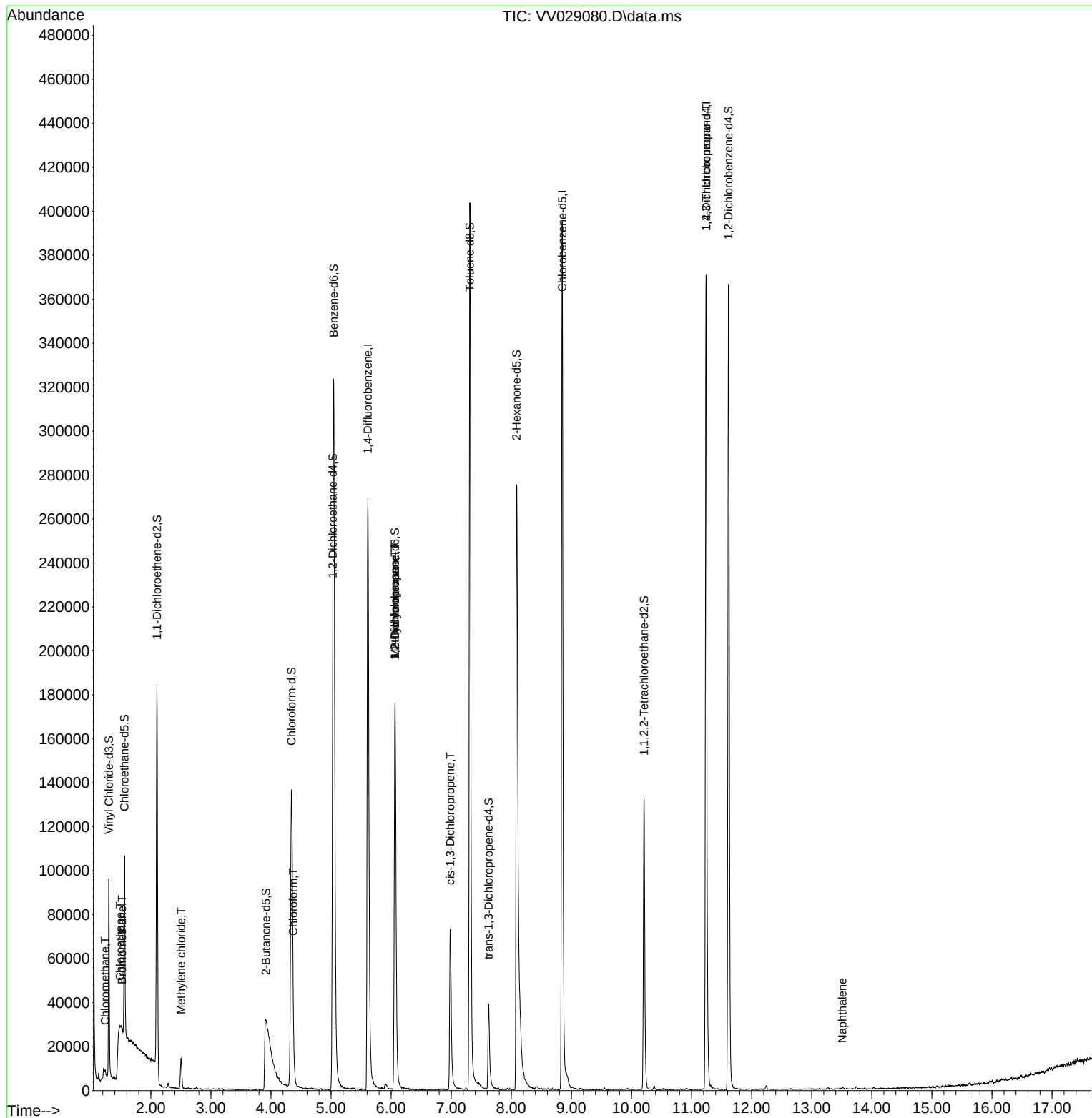
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	260257	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	238460	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	110523	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	57659	3.634	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	72.600%	
7) Chloroethane-d5	1.561	69	51845	3.717	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	74.400%	
11) 1,1-Dichloroethene-d2	2.102	63	87081	3.012	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	60.200%	
20) 2-Butanone-d5	3.915	46	120790	45.478	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	90.960%	
24) Chloroform-d	4.343	84	151413	4.648	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.000%	
26) 1,2-Dichloroethane-d4	5.027	65	71549	4.882	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.600%	
32) Benzene-d6	5.044	84	321355	4.515	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.200%	
36) 1,2-Dichloropropane-d6	6.063	67	92098	4.634	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.600%	
41) Toluene-d8	7.310	98	294426	4.595	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.000%	
43) trans-1,3-Dichloroprop...	7.622	79	27201	4.196	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.000%	
46) 2-Hexanone-d5	8.088	63	120368	43.502	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.000%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	67597	4.905	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.200%	
66) 1,2-Dichlorobenzene-d4	11.616	152	109097	5.517	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.400%	
Target Compounds						Qvalue
3) Chloromethane	1.240	50	858	0.048	ug/L	88
6) Bromomethane	1.520	94	703	0.057	ug/L	92
8) Chloroethane	1.487	64	48018	3.979	ug/L #	52
16) Methylene chloride	2.503	84	6202	0.304	ug/L	94
25) Chloroform	4.368	83	3483	0.111	ug/L	81
35) Methylcyclohexane	6.066	83	23661	0.722	ug/L #	22
37) 1,2-Dichloropropane	6.066	63	9775	0.582	ug/L #	85
39) cis-1,3-Dichloropropene	6.986	75	1874	0.080	ug/L #	56
61) 1,2,3-Trichloropropane	11.243	75	10748	1.423	ug/L #	66
71) Naphthalene	13.509	128	1447	0.057	ug/L #	74

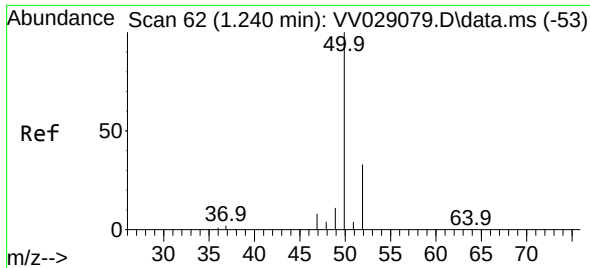
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK267

Quant Time: Nov 18 04:36:21 2022
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 04:35:43 2022
Response via : Initial Calibration

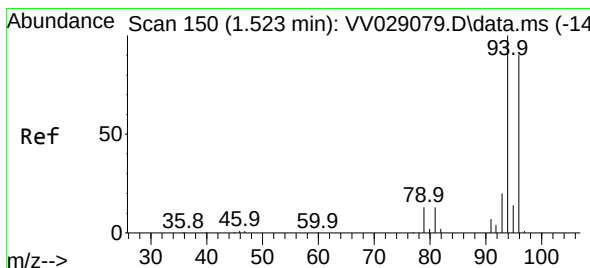
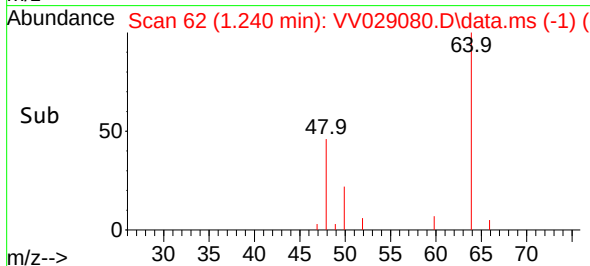
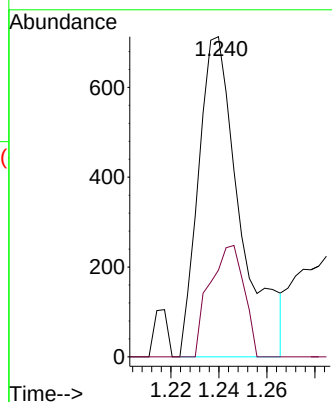
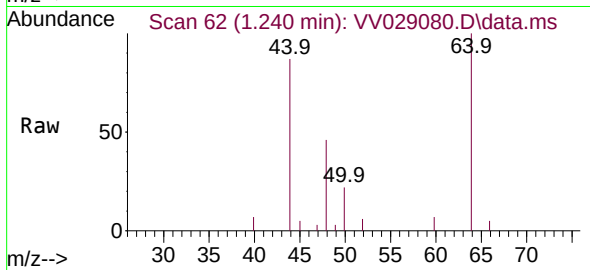




#3
Chloromethane
Concen: 0.048 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029080.D
Acq: 17 Nov 2022 22:09

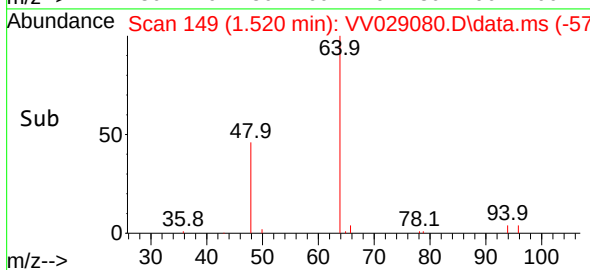
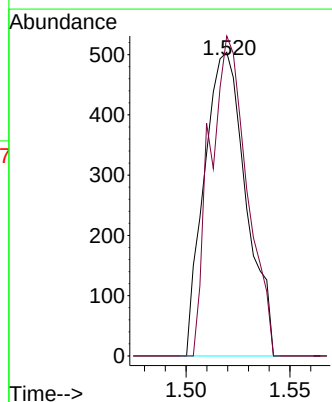
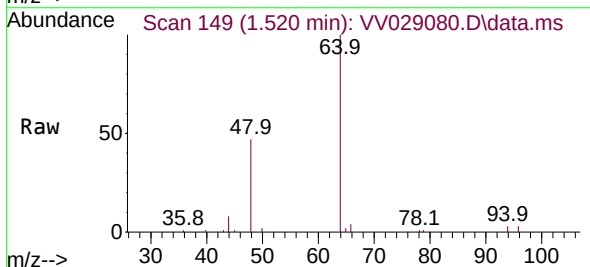
Instrument :
MSVOA_V
ClientSampleId :
VBLK267

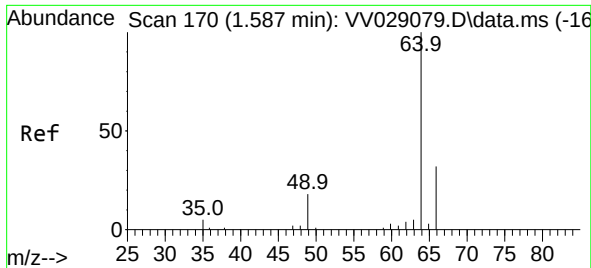
Tgt Ion: 50 Resp: 858
Ion Ratio Lower Upper
50 100
52 27.1 23.7 43.9



#6
Bromomethane
Concen: 0.057 ug/L
RT: 1.520 min Scan# 149
Delta R.T. -0.003 min
Lab File: VV029080.D
Acq: 17 Nov 2022 22:09

Tgt Ion: 94 Resp: 703
Ion Ratio Lower Upper
94 100
96 105.4 68.5 127.3





#8

Chloroethane

Concen: 3.979 ug/L

RT: 1.487 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV029080.D

Acq: 17 Nov 2022 22:09

Instrument :

MSVOA_V

ClientSampleId :

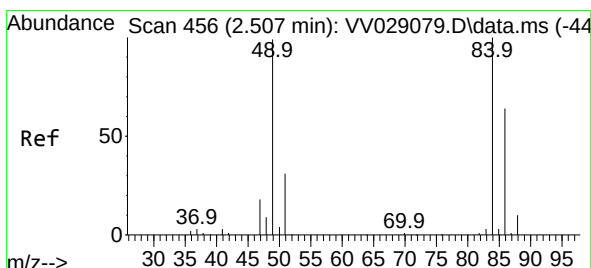
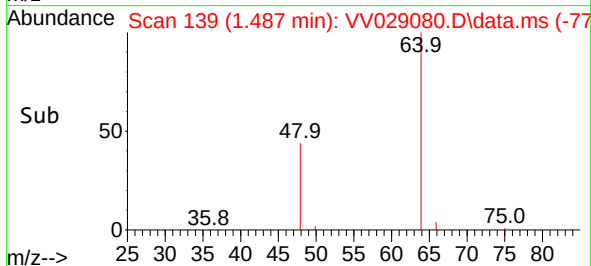
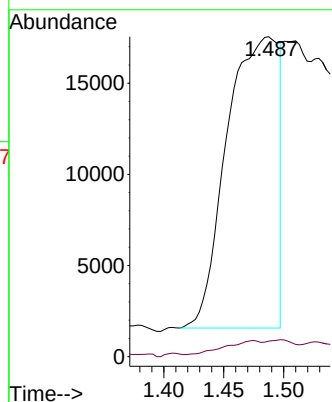
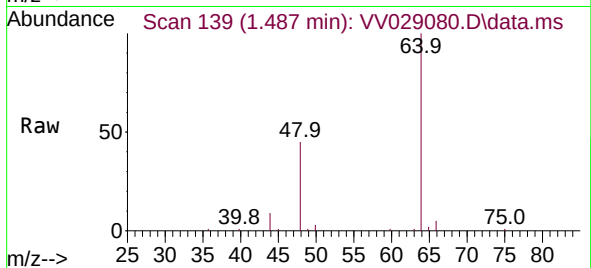
VBLK267

Tgt Ion: 64 Resp: 48018

Ion Ratio Lower Upper

64 100

66 4.9 22.0 40.8#



#16

Methylene chloride

Concen: 0.304 ug/L

RT: 2.503 min Scan# 455

Delta R.T. -0.003 min

Lab File: VV029080.D

Acq: 17 Nov 2022 22:09

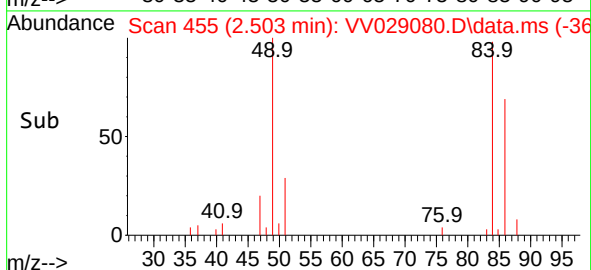
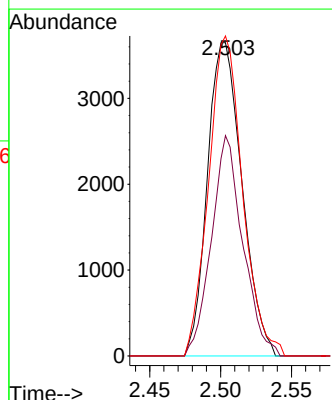
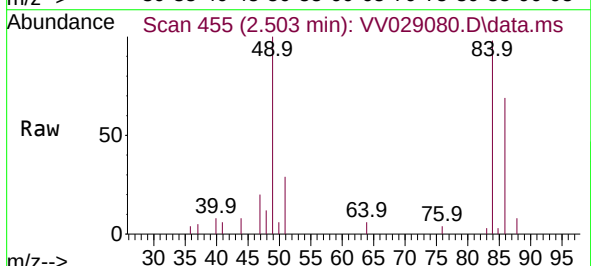
Tgt Ion: 84 Resp: 6202

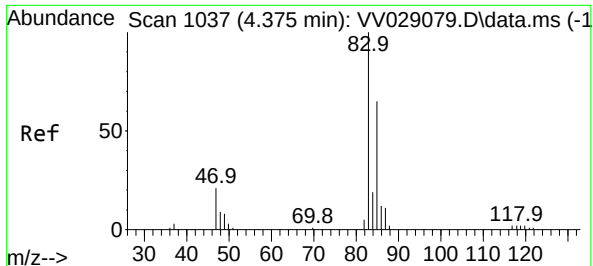
Ion Ratio Lower Upper

84 100

86 70.3 45.8 85.0

49 102.1 75.5 140.1

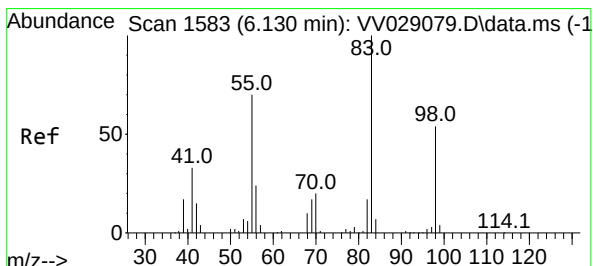
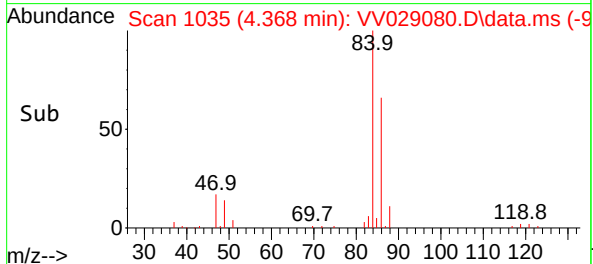
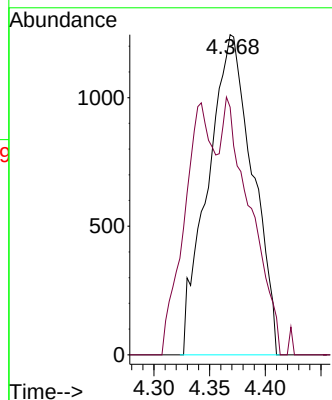
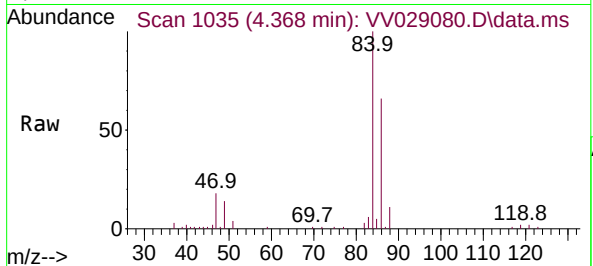




#25
Chloroform
Concen: 0.111 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VV029080.D
Acq: 17 Nov 2022 22:09

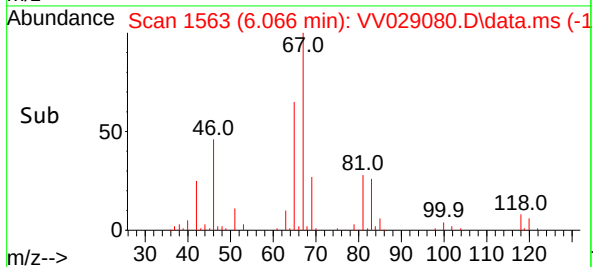
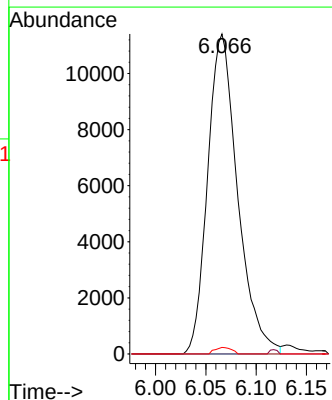
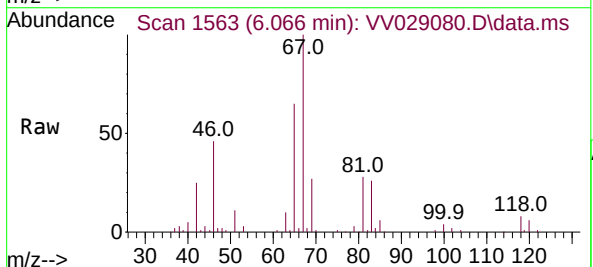
Instrument :
MSVOA_V
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VBLK267

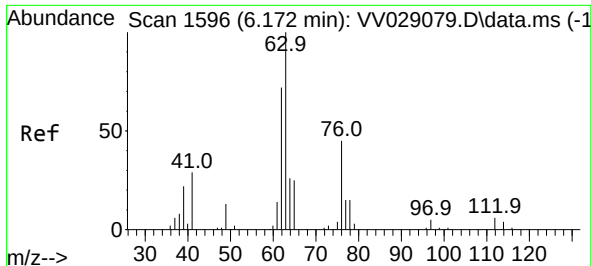
Tgt Ion: 83 Resp: 3483
Ion Ratio Lower Upper
83 100
85 77.3 43.7 81.1



#35
Methylcyclohexane
Concen: 0.722 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.064 min
Lab File: VV029080.D
Acq: 17 Nov 2022 22:09

Tgt Ion: 83 Resp: 23661
Ion Ratio Lower Upper
83 100
55 0.3 55.8 83.6#
98 1.1 38.2 57.2#

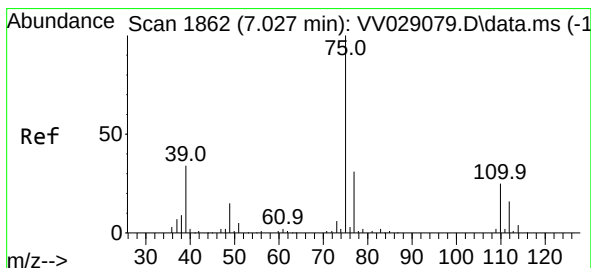
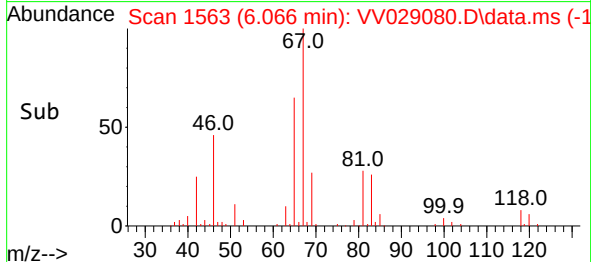
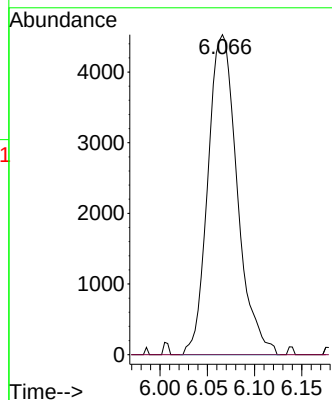
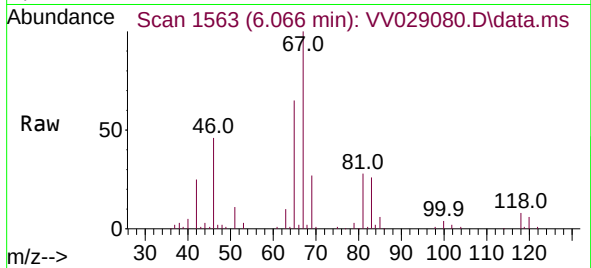




#37
1,2-Dichloropropane
Concen: 0.582 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV029080.D
Acq: 17 Nov 2022 22:09

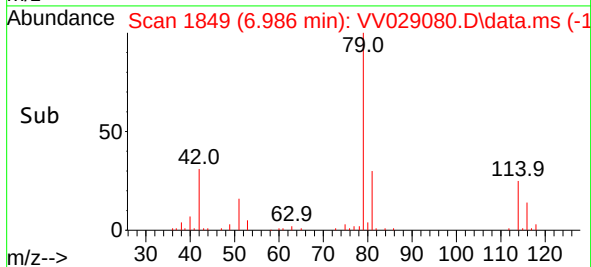
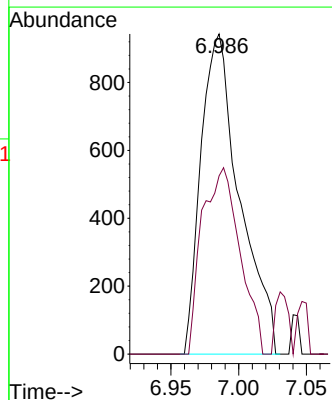
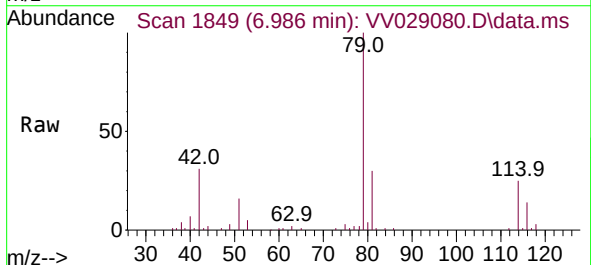
Instrument :
MSVOA_V
ClientSampleId :
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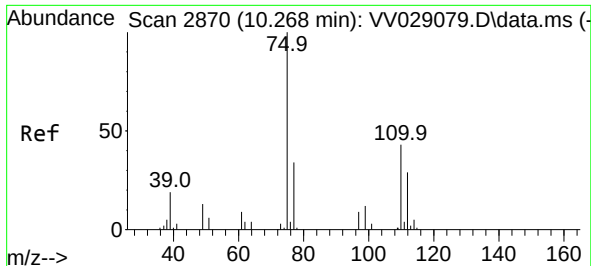
Tgt Ion: 63 Resp: 9775
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.080 ug/L
RT: 6.986 min Scan# 1849
Delta R.T. -0.042 min
Lab File: VV029080.D
Acq: 17 Nov 2022 22:09

Tgt Ion: 75 Resp: 1874
Ion Ratio Lower Upper
75 100
77 55.7 21.8 40.6#

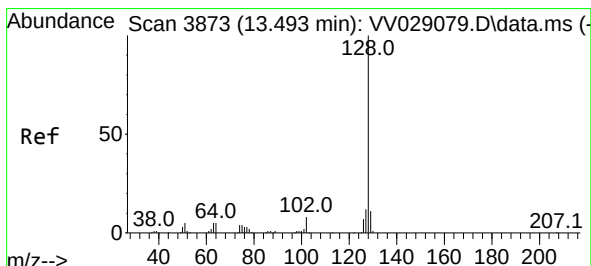
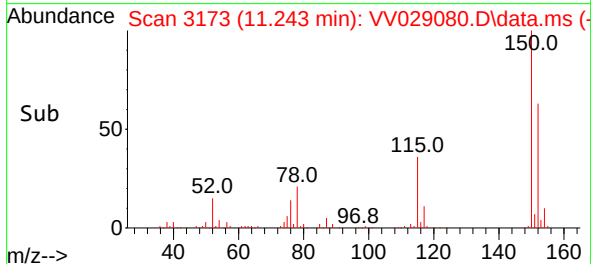
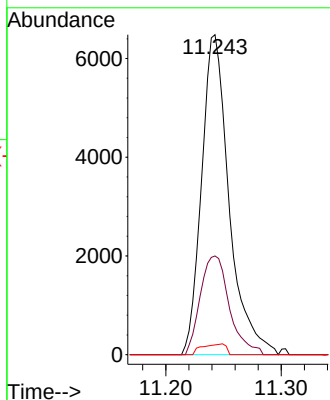
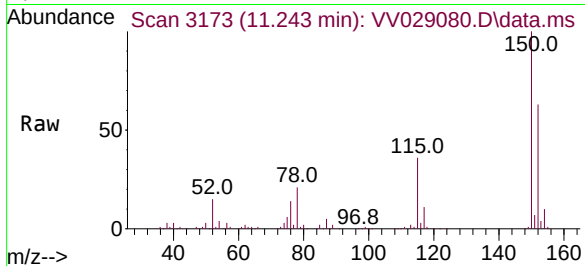




#61
1,2,3-Trichloropropane
Concen: 1.423 ug/L
RT: 11.243 min Scan# 31
Delta R.T. 0.974 min
Lab File: VV029080.D
Acq: 17 Nov 2022 22:09

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Tgt Ion: 75 Resp: 10748
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.2
110 2.9 32.6 48.8#



#71
Naphthalene
Concen: 0.057 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.016 min
Lab File: VV029080.D
Acq: 17 Nov 2022 22:09

Tgt Ion: 128 Resp: 1447
Ion Ratio Lower Upper
128 100
129 3.0 8.8 13.2#
127 0.0 9.8 14.8#

