

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111722\
 Data File : VW029074.D
 Acq On : 17 Nov 2022 19:25
 Operator : SY/MD
 Sample : N5620-21
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Nov 18 01:44:58 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)

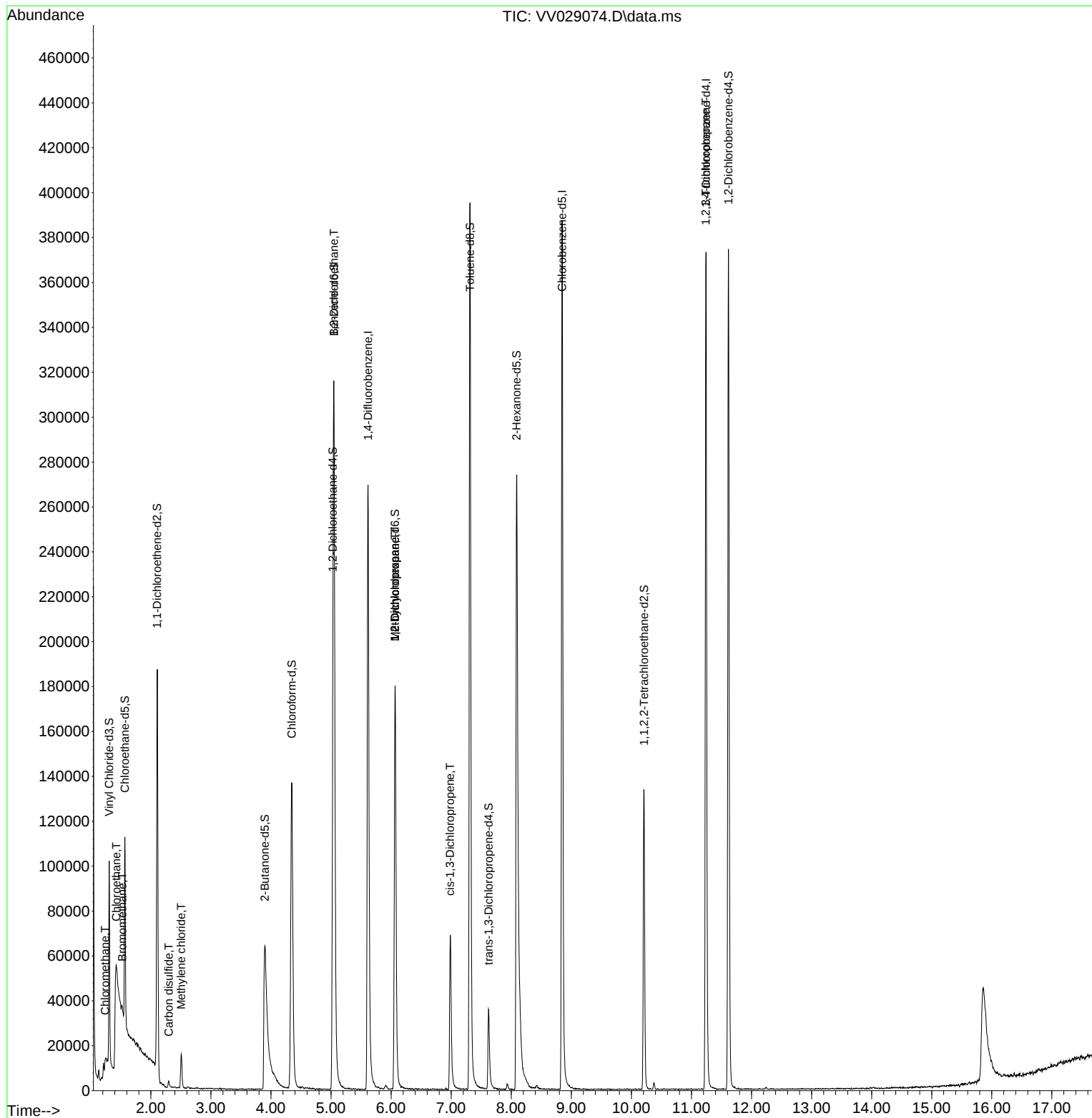
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	263037	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	240614	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	110364	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	63156	3.938	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.800%	
7) Chloroethane-d5	1.568	69	53070	3.765	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	75.200%	
11) 1,1-Dichloroethene-d2	2.105	63	88346	3.023	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	60.400%	
20) 2-Butanone-d5	3.899	46	142311	53.015	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.020%	
24) Chloroform-d	4.346	84	152889	4.644	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.800%	
26) 1,2-Dichloroethane-d4	5.031	65	72269	4.879	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.600%	
32) Benzene-d6	5.047	84	313334	4.363	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.200%	
36) 1,2-Dichloropropane-d6	6.066	67	92863	4.630	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.600%	
41) Toluene-d8	7.314	98	289418	4.477	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.600%	
43) trans-1,3-Dichloroprop...	7.622	79	24662	3.770	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	75.400%	
46) 2-Hexanone-d5	8.088	63	123945	44.394	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.780%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	67224	4.835	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.600%	
66) 1,2-Dichlorobenzene-d4	11.616	152	109295	5.535	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.800%	
Target Compounds						
3) Chloromethane	1.240	50	2166	0.119	ug/L	89
6) Bromomethane	1.523	94	1481	0.119	ug/L	93
8) Chloroethane	1.426	64	199969	16.394	ug/L #	52
14) Carbon disulfide	2.298	76	3603	0.064	ug/L #	91
16) Methylene chloride	2.507	84	6827	0.332	ug/L	92
27) 1,2-Dichloroethane	5.047	62	1526	0.094	ug/L #	70
35) Methylcyclohexane	6.066	83	23576	0.713	ug/L #	22
37) 1,2-Dichloropropane	6.066	63	9856	0.581	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	1768	0.075	ug/L #	66
61) 1,2,3-Trichloropropane	11.239	75	11180	1.482	ug/L #	64

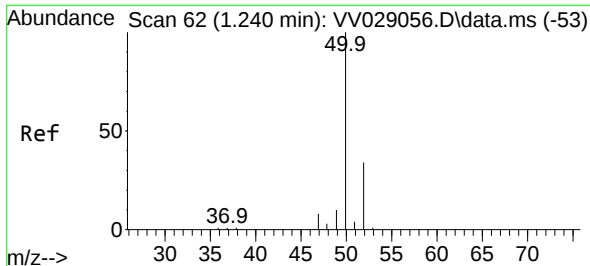
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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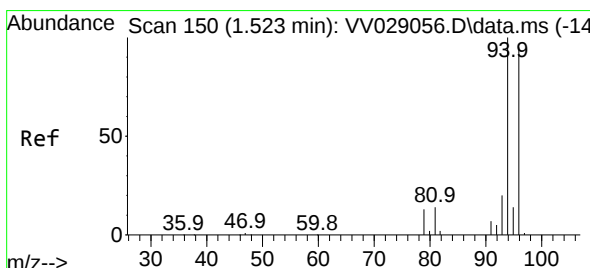
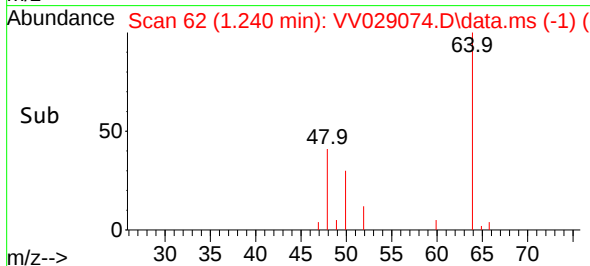
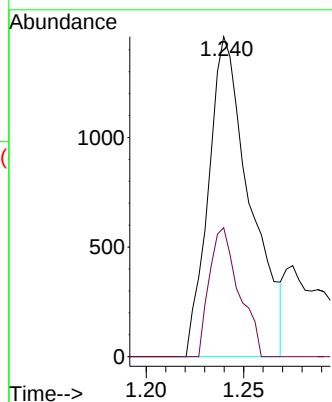
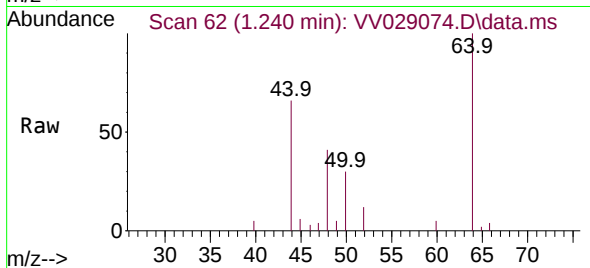




#3
Chloromethane
Concen: 0.119 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029074.D
Acq: 17 Nov 2022 19:25

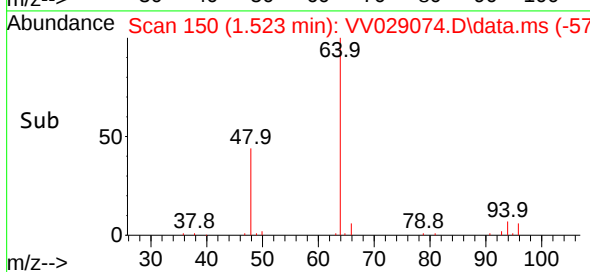
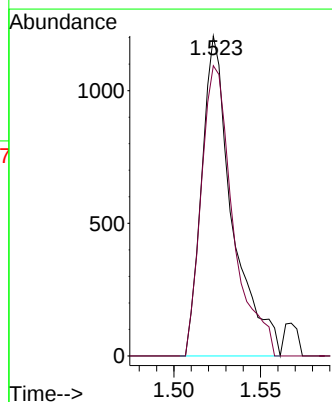
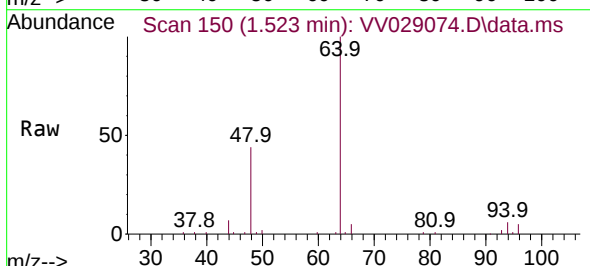
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

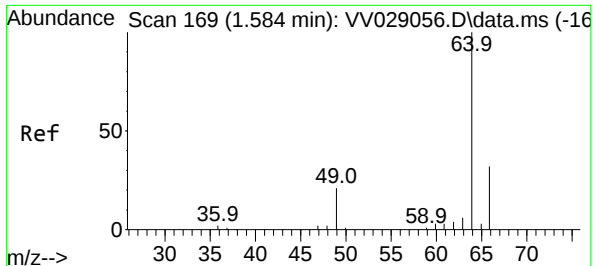
Tgt Ion: 50 Resp: 2166
Ion Ratio Lower Upper
50 100
52 40.3 23.7 43.9



#6
Bromomethane
Concen: 0.119 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.000 min
Lab File: VV029074.D
Acq: 17 Nov 2022 19:25

Tgt Ion: 94 Resp: 1481
Ion Ratio Lower Upper
94 100
96 90.7 68.5 127.3

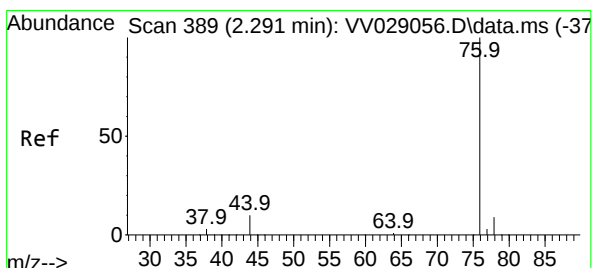
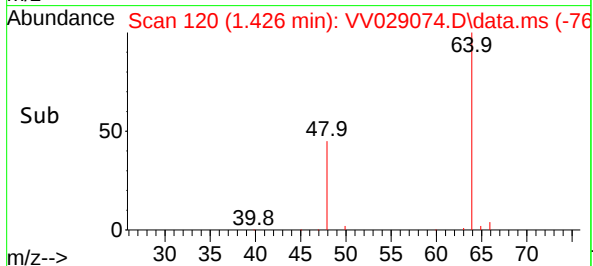
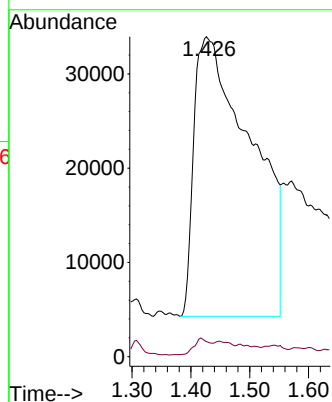
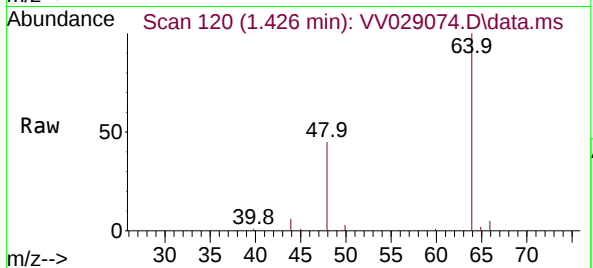




#8
Chloroethane
Concen: 16.394 ug/L
RT: 1.426 min Scan# 11
Delta R.T. -0.157 min
Lab File: VV029074.D
Acq: 17 Nov 2022 19:25

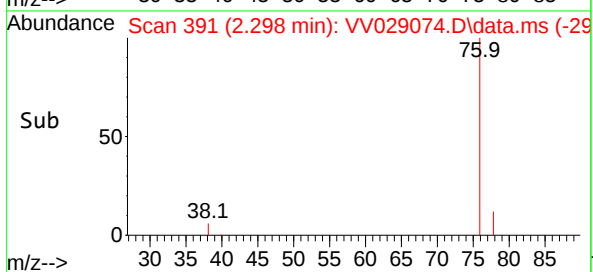
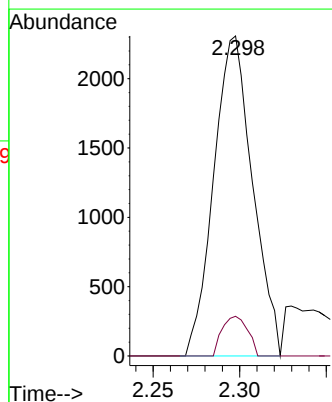
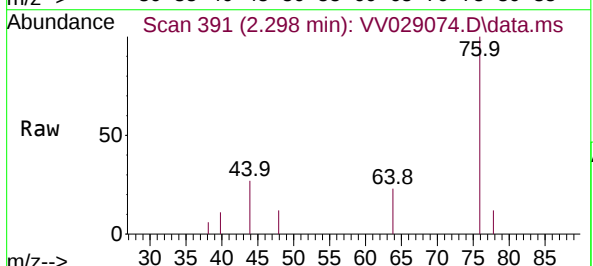
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

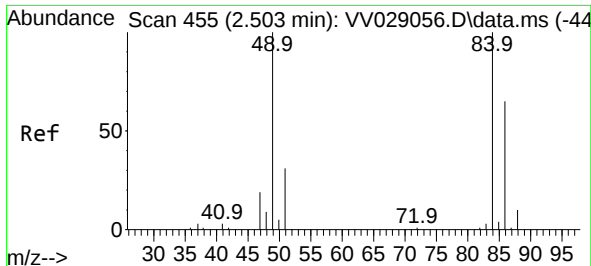
Tgt Ion: 64 Resp: 199969
Ion Ratio Lower Upper
64 100
66 4.7 22.0 40.8#



#14
Carbon disulfide
Concen: 0.064 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.007 min
Lab File: VV029074.D
Acq: 17 Nov 2022 19:25

Tgt Ion: 76 Resp: 3603
Ion Ratio Lower Upper
76 100
78 12.4 7.4 11.2#

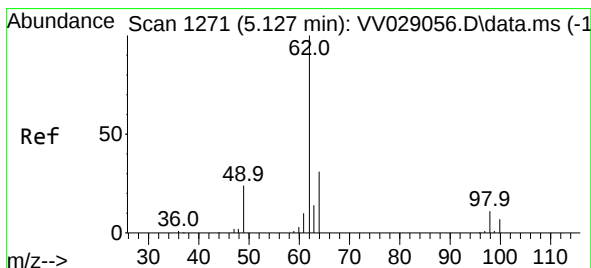
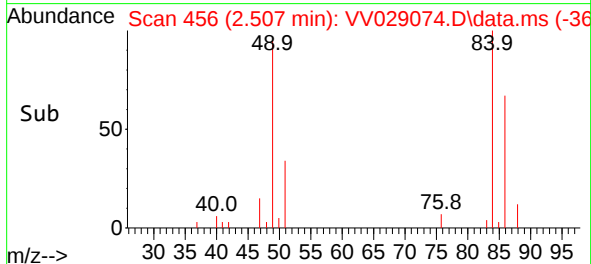
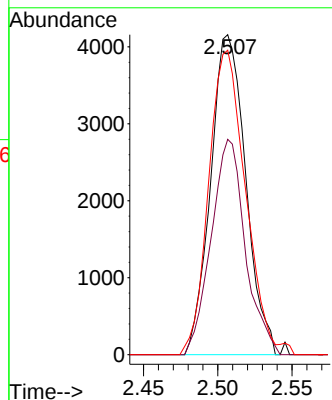
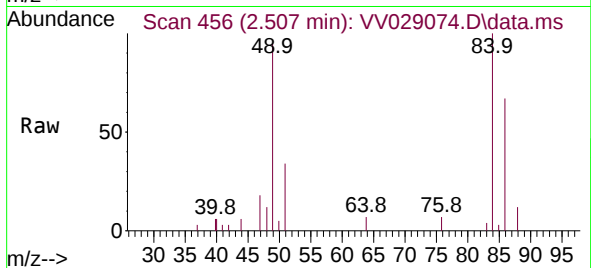




#16
Methylene chloride
Concen: 0.332 ug/L
RT: 2.507 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV029074.D
Acq: 17 Nov 2022 19:25

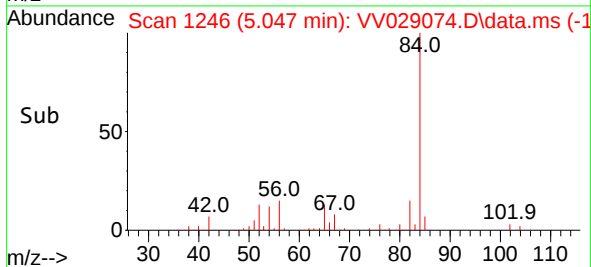
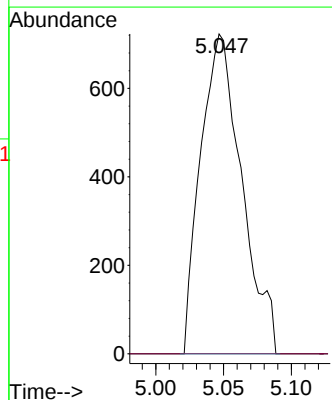
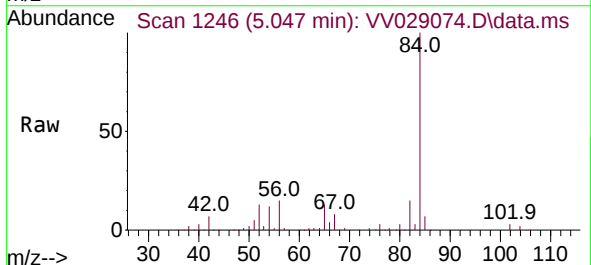
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

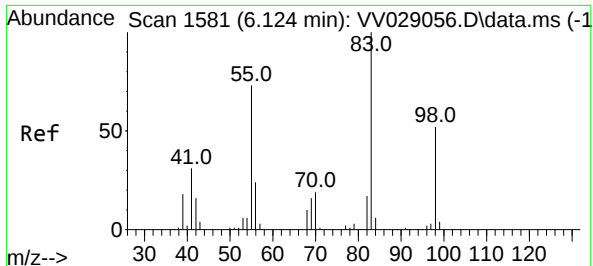
Tgt Ion: 84 Resp: 6827
Ion Ratio Lower Upper
84 100
86 67.3 45.8 85.0
49 95.2 75.5 140.1



#27
1,2-Dichloroethane
Concen: 0.094 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.080 min
Lab File: VV029074.D
Acq: 17 Nov 2022 19:25

Tgt Ion: 62 Resp: 1526
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.6#

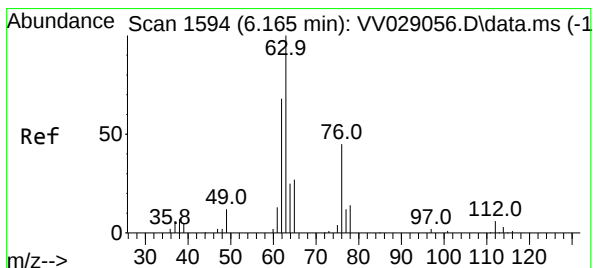
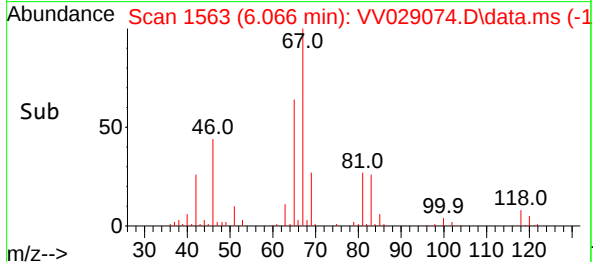
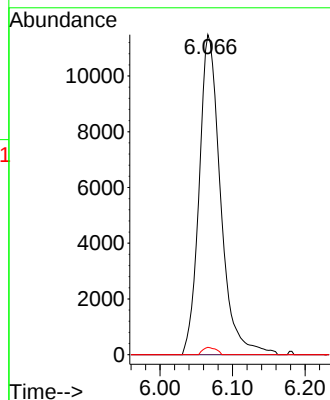
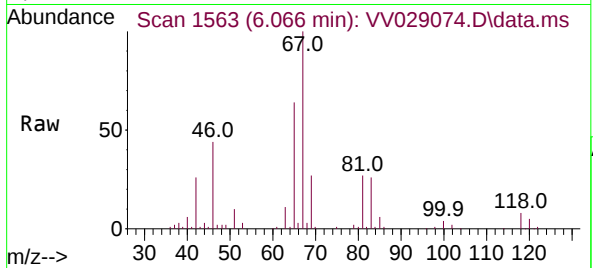




#35
Methylcyclohexane
Concen: 0.713 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV029074.D
Acq: 17 Nov 2022 19:25

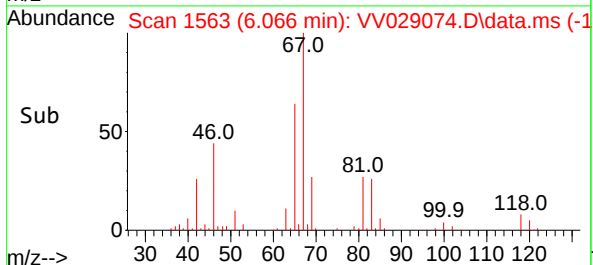
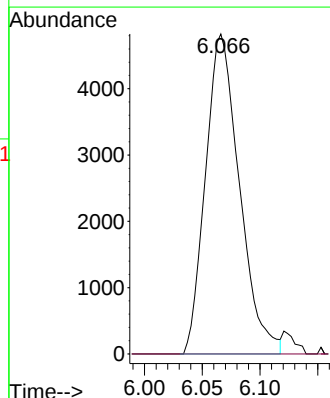
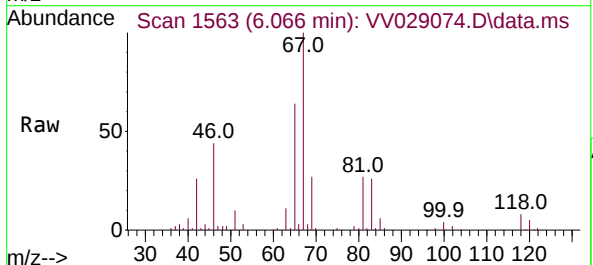
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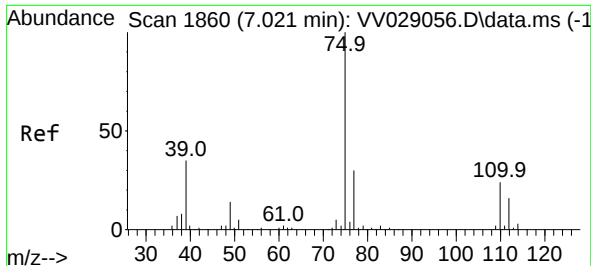
Tgt Ion: 83 Resp: 23576
Ion Ratio Lower Upper
83 100
55 0.0 55.8 83.6#
98 1.4 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.581 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.099 min
Lab File: VV029074.D
Acq: 17 Nov 2022 19:25

Tgt Ion: 63 Resp: 9856
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV029074.D

Acq: 17 Nov 2022 19:25

Instrument :

MSVOA_V

ClientSampleId :

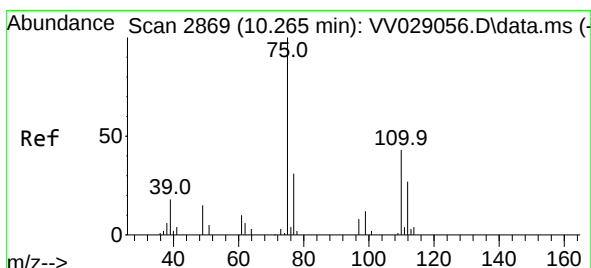
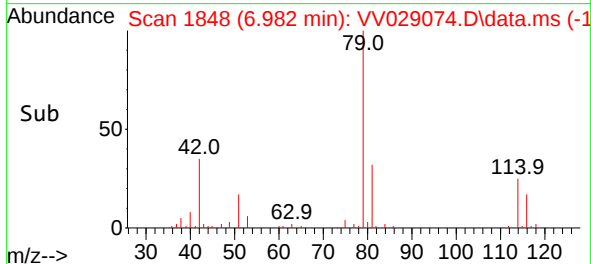
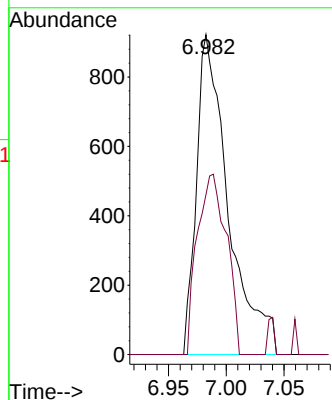
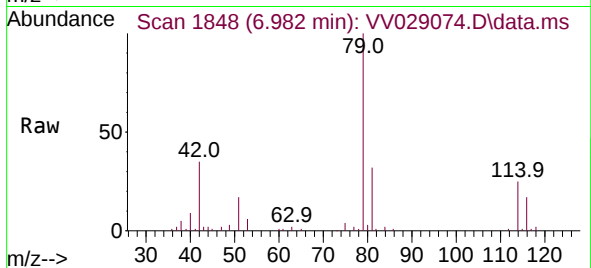
VHBLK001

Tgt Ion: 75 Resp: 1768

Ion Ratio Lower Upper

75 100

77 50.0 21.8 40.6#



#61

1,2,3-Trichloropropane

Concen: 1.482 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.974 min

Lab File: VV029074.D

Acq: 17 Nov 2022 19:25

Tgt Ion: 75 Resp: 11180

Ion Ratio Lower Upper

75 100

77 34.9 26.2 39.2

110 1.8 32.6 48.8#

