

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090622\
 Data File : VV027766.D
 Acq On : 07 Sep 2022 01:22
 Operator : SY/MD
 Sample : N4402-21
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVF9

Quant Time: Sep 07 06:33:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 07 06:13:02 2022
 Response via : Initial Calibration

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

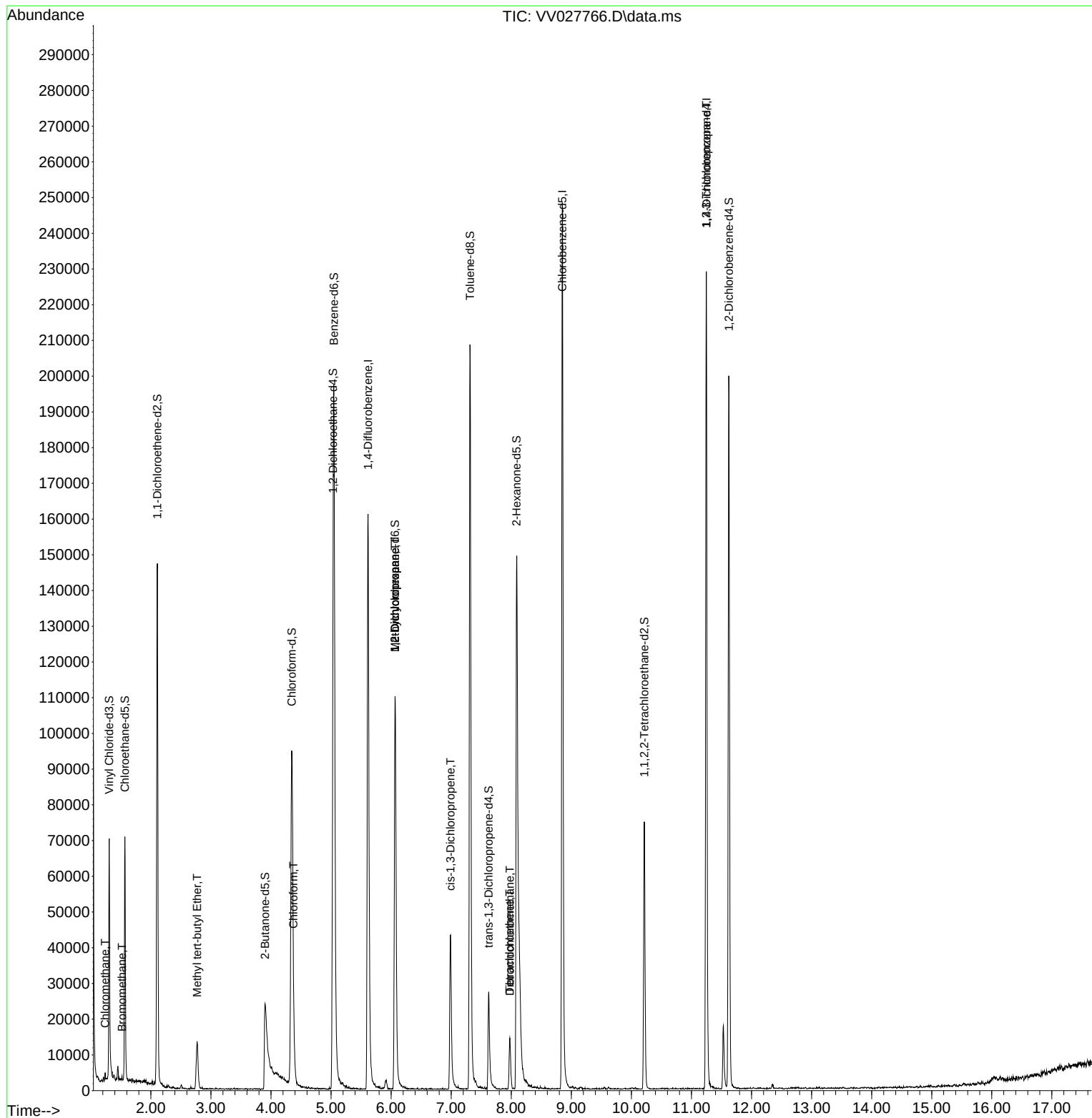
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	143635	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.850	117	140452	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63175	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	46858	4.949	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.000%	
7) Chloroethane-d5	1.568	69	42726	5.320	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	106.400%	
11) 1,1-Dichloroethene-d2	2.108	63	76915	3.828	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.600%	
20) 2-Butanone-d5	3.902	46	56010	26.693	ug/L	-0.04
Spiked Amount	50.000	Range 40 - 130	Recovery	=	53.380%	
24) Chloroform-d	4.346	84	98360	5.074	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.400%	
26) 1,2-Dichloroethane-d4	5.034	65	49578	4.802	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.000%	
32) Benzene-d6	5.046	84	179378	4.402	ug/L	0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.000%	
36) 1,2-Dichloropropane-d6	6.066	67	49973	4.189	ug/L	0.02
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.800%	
41) Toluene-d8	7.313	98	144456	4.216	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.400%	
43) trans-1,3-Dichloroprop...	7.625	79	16989	4.245	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.800%	
46) 2-Hexanone-d5	8.088	63	65586	44.086	ug/L	-0.03
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.180%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35100	4.582	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	52480	5.057	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	940	0.073	ug/L #	54
6) Bromomethane	1.519	94	402	0.058	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	13393	0.593	ug/L	98
25) Chloroform	4.374	83	8680	0.415	ug/L	90
35) Methylcyclohexane	6.066	83	14189	0.796	ug/L #	18
37) 1,2-Dichloropropane	6.066	63	6441	0.585	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1228	0.088	ug/L #	59
47) Tetrachloroethene	7.976	164	3540	0.380	ug/L	94
49) Dibromochloromethane	7.979	129	3056	0.338	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	6194	1.238	ug/L #	60

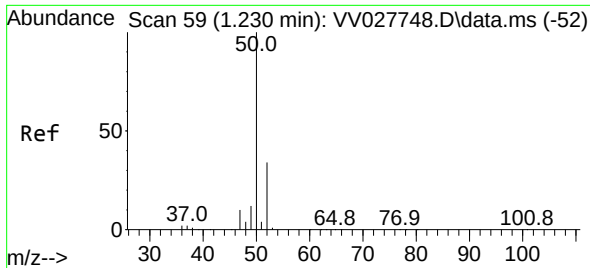
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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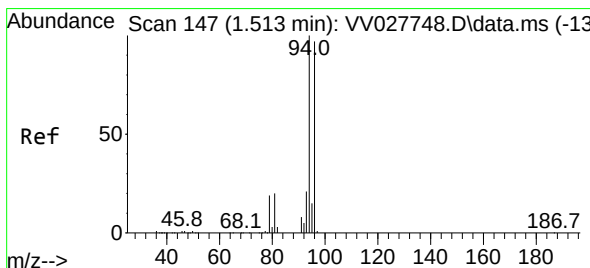
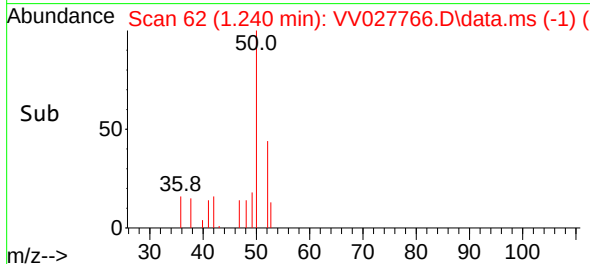
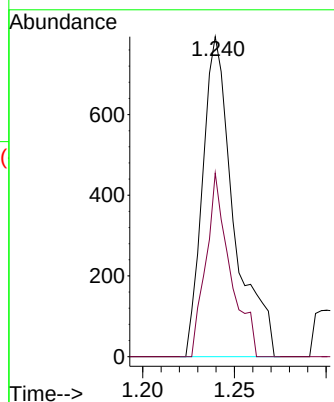
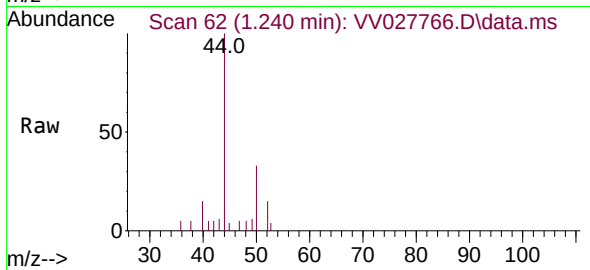




#3
Chloromethane
Concen: 0.073 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.010 min
Lab File: VV027766.D
Acq: 07 Sep 2022 01:22

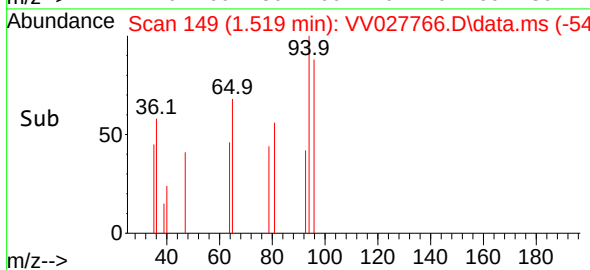
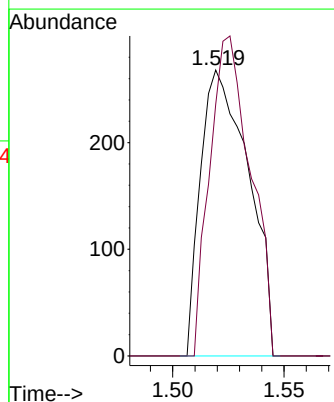
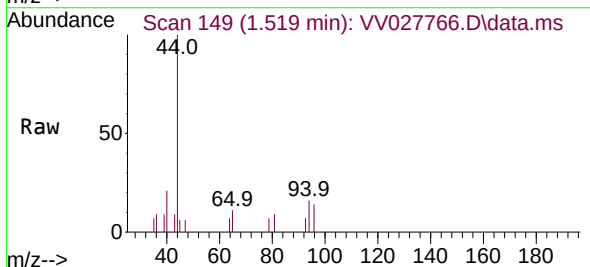
Instrument :
MSVOA_V
ClientSampleId :
DBVF9

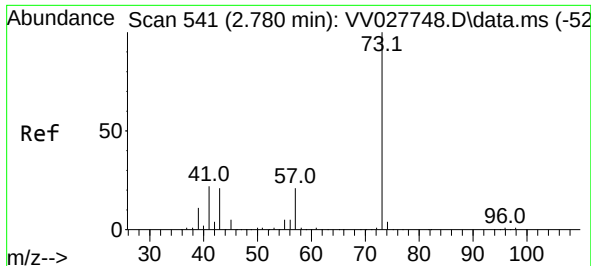
Tgt Ion: 50 Resp: 940
Ion Ratio Lower Upper
50 100
52 57.4 22.1 41.1#



#6
Bromomethane
Concen: 0.058 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.006 min
Lab File: VV027766.D
Acq: 07 Sep 2022 01:22

Tgt Ion: 94 Resp: 402
Ion Ratio Lower Upper
94 100
96 88.1 64.2 119.2

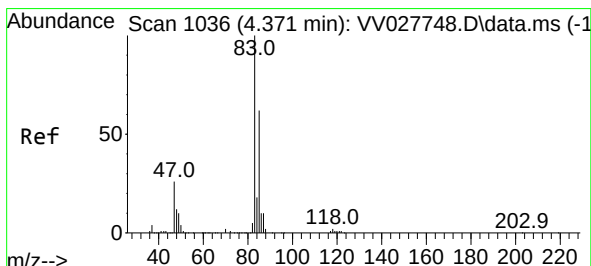
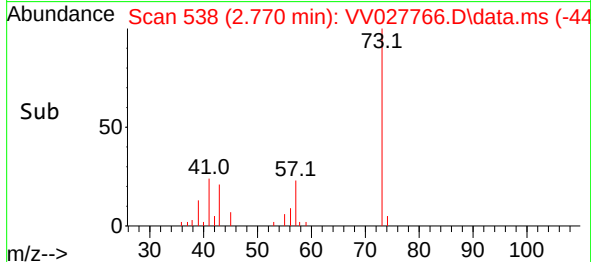
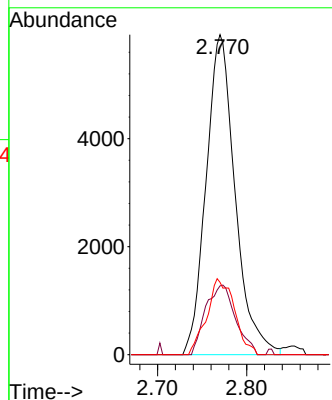
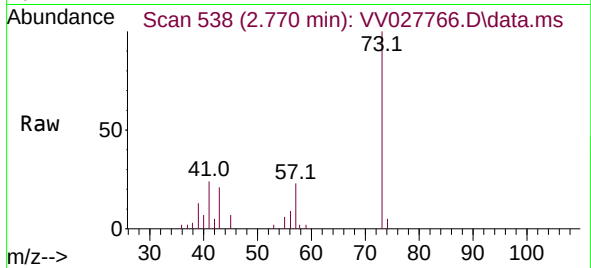




#17
Methyl tert-butyl Ether
Concen: 0.593 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.010 min
Lab File: VV027766.D
Acq: 07 Sep 2022 01:22

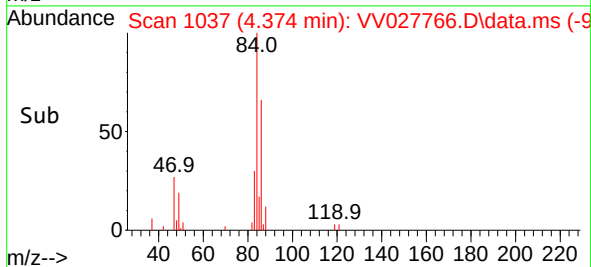
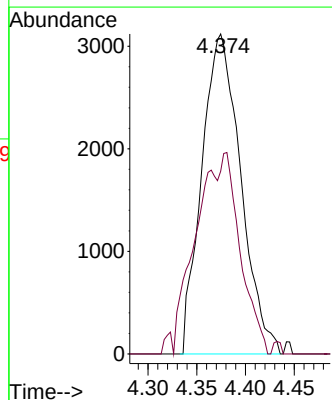
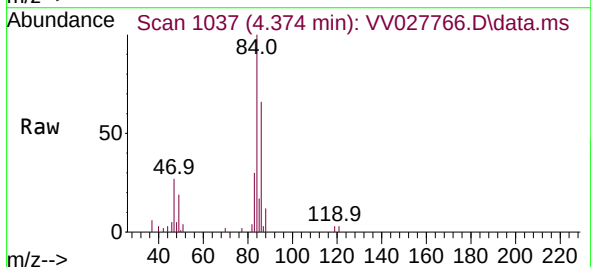
Instrument :
MSVOA_V
ClientSampleId :
DBVF9

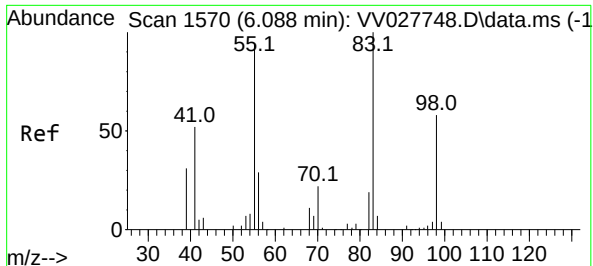
Tgt Ion: 73 Resp: 13393
Ion Ratio Lower Upper
73 100
43 22.5 17.5 26.3
57 22.7 16.9 25.3



#25
Chloroform
Concen: 0.415 ug/L
RT: 4.374 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV027766.D
Acq: 07 Sep 2022 01:22

Tgt Ion: 83 Resp: 8680
Ion Ratio Lower Upper
83 100
85 57.1 45.4 84.2

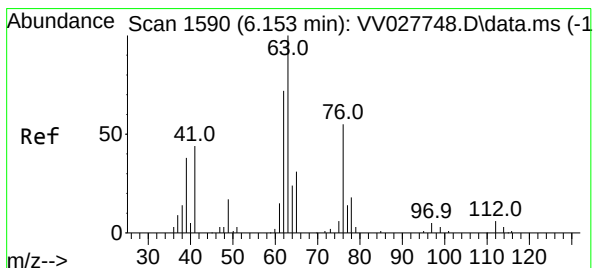
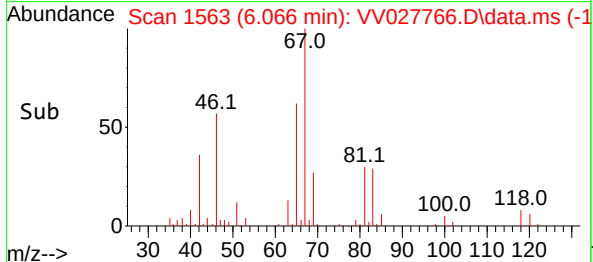
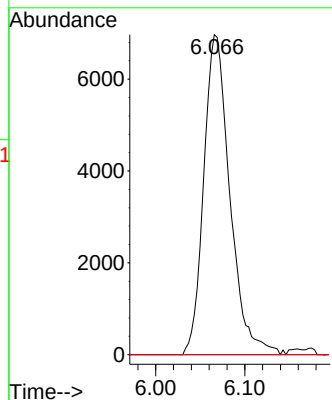
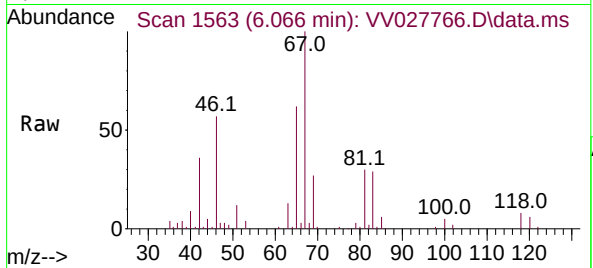




#35
Methylcyclohexane
Concen: 0.796 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.023 min
Lab File: VV027766.D
Acq: 07 Sep 2022 01:22

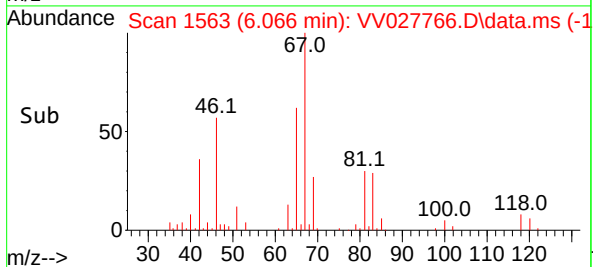
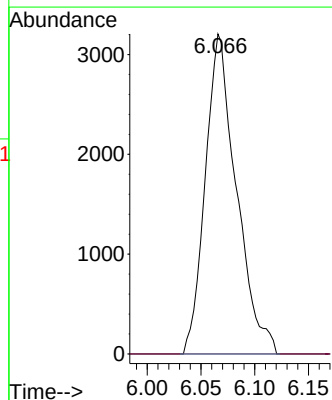
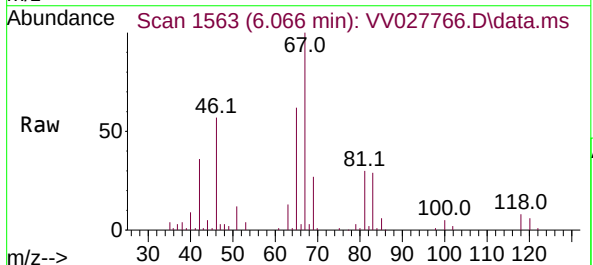
Instrument :
MSVOA_V
ClientSampleId :
DBVF9

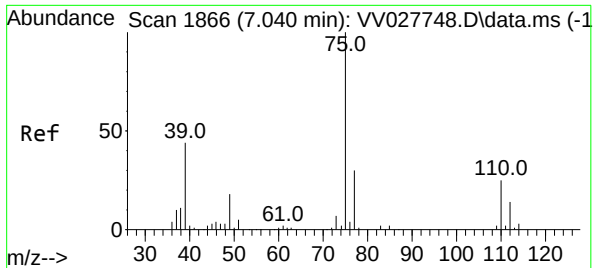
Tgt Ion: 83 Resp: 14189
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 1.1 37.5 56.3#



#37
1,2-Dichloropropane
Concen: 0.585 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.087 min
Lab File: VV027766.D
Acq: 07 Sep 2022 01:22

Tgt Ion: 63 Resp: 6441
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.051 min

Lab File: VV027766.D

Acq: 07 Sep 2022 01:22

Instrument :

MSVOA_V

ClientSampleId :

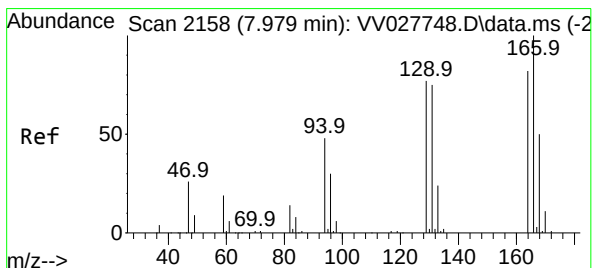
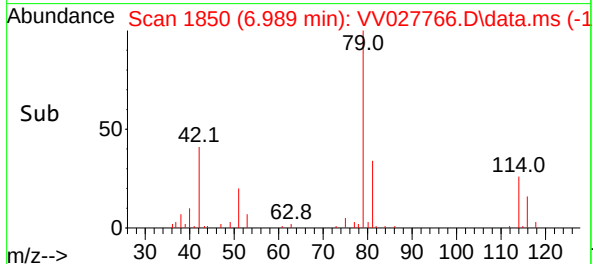
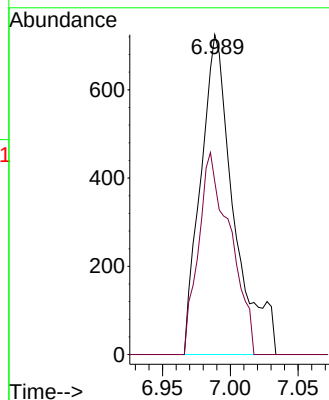
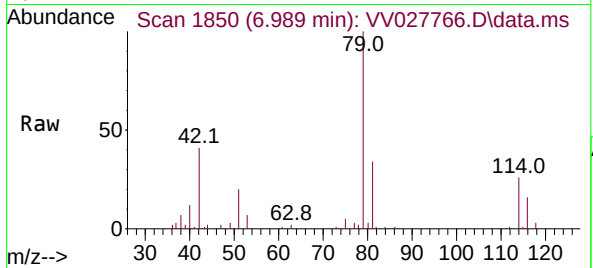
DBVF9

Tgt Ion: 75 Resp: 1228

Ion Ratio Lower Upper

75 100

77 54.1 22.0 40.8#



#47

Tetrachloroethene

Concen: 0.380 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.003 min

Lab File: VV027766.D

Acq: 07 Sep 2022 01:22

Tgt Ion: 164 Resp: 3540

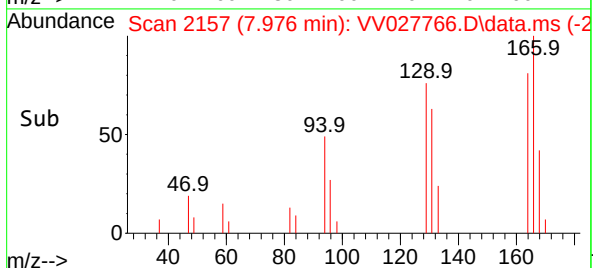
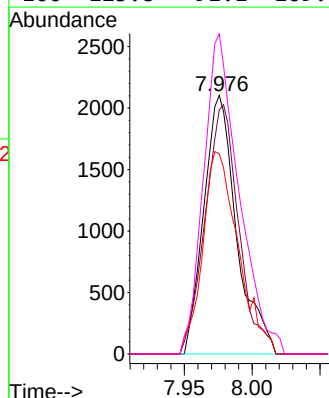
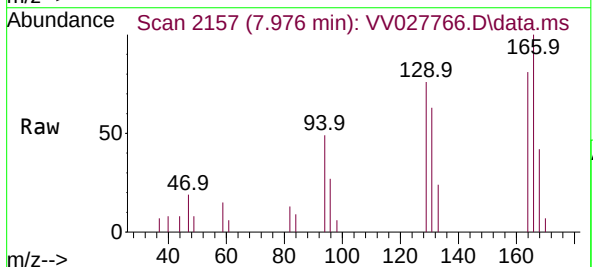
Ion Ratio Lower Upper

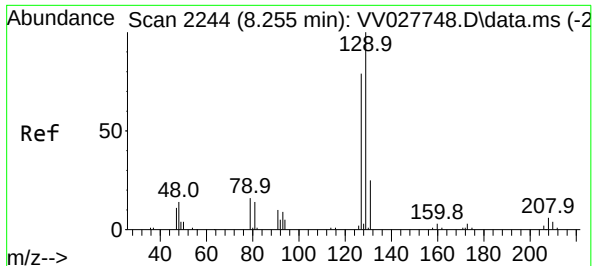
164 100

129 94.4 67.2 124.8

131 77.4 61.5 114.3

166 123.8 91.1 169.3





#49

Dibromochloromethane

Concen: 0.338 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.277 min

Lab File: VV027766.D

Acq: 07 Sep 2022 01:22

Instrument :

MSVOA_V

ClientSampleId :

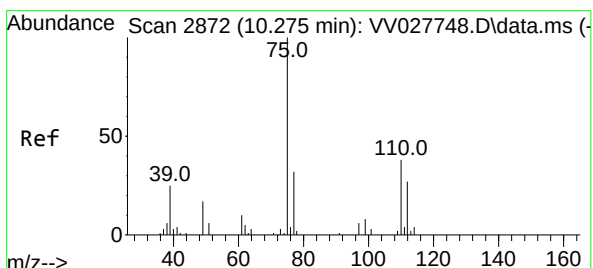
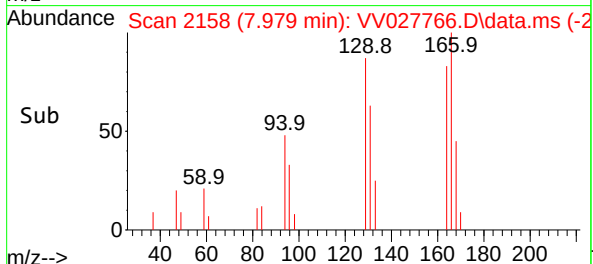
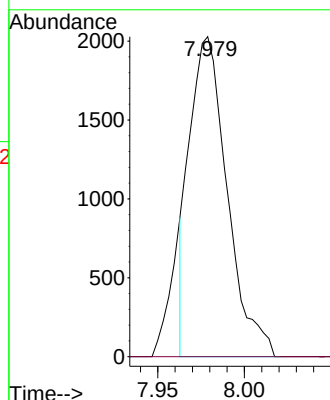
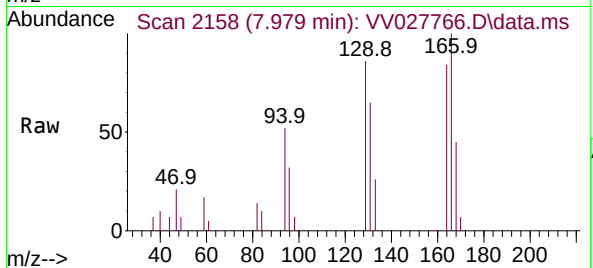
DBVF9

Tgt Ion:129 Resp: 3056

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#



#61

1,2,3-Trichloropropane

Concen: 1.238 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.971 min

Lab File: VV027766.D

Acq: 07 Sep 2022 01:22

Tgt Ion: 75 Resp: 6194

Ion Ratio Lower Upper

75 100

77 37.7 27.6 41.4

110 0.7 35.6 53.4#

