

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082222\
 Data File : VV027460.D
 Acq On : 22 Aug 2022 12:04
 Operator : SY/MD
 Sample : N4252-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

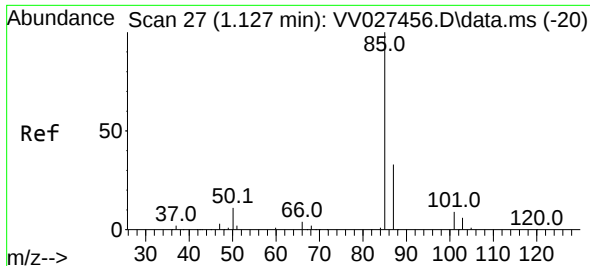
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 23 03:11:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 23 03:03:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	117102	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	118984	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51095	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	39985	4.798	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.000%	
7) Chloroethane-d5	1.568	69	40317	6.610	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	132.200%#	
11) 1,1-Dichloroethene-d2	2.105	63	70908	3.649	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	73.000%	
20) 2-Butanone-d5	3.896	46	62352	60.117	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	120.240%	
24) Chloroform-d	4.346	84	82761	4.966	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.400%	
26) 1,2-Dichloroethane-d4	5.034	65	35909	4.981	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.600%	
32) Benzene-d6	5.050	84	154335	4.683	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.600%	
36) 1,2-Dichloropropane-d6	6.069	67	47456	4.953	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.000%	
41) Toluene-d8	7.317	98	125037	4.202	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.000%	
43) trans-1,3-Dichloroprop...	7.625	79	14971	4.563	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.200%	
46) 2-Hexanone-d5	8.092	63	49368	45.714	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.420%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	29203	4.786	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	40591	5.359	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.217	85	1400	0.113	ug/L	95
3) Chloromethane	1.240	50	6966	0.642	ug/L	98
6) Bromomethane	1.520	94	255	0.047	ug/L #	70
8) Chloroethane	1.584	64	2298	0.360	ug/L #	81
14) Carbon disulfide	2.294	76	5526	0.227	ug/L #	94
35) Methylcyclohexane	6.069	83	11797	0.806	ug/L #	15
45) 1,1,2-Trichloroethane	7.934	97	1230	0.182	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	6446	1.438	ug/L #	67

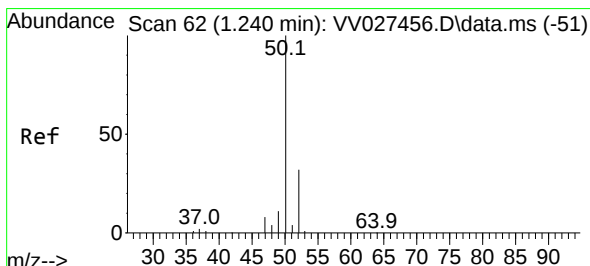
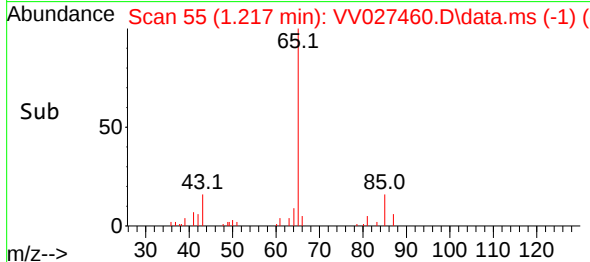
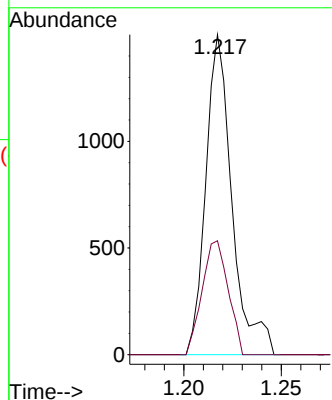
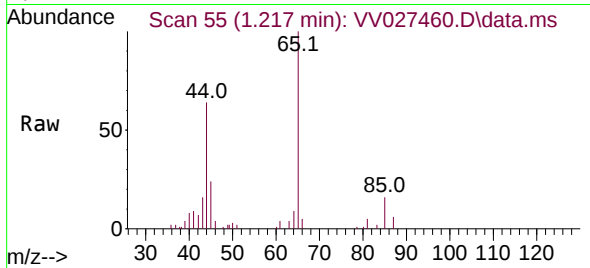
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 0.113 ug/L
 RT: 1.217 min Scan# 51
 Delta R.T. 0.090 min
 Lab File: VV027460.D
 Acq: 22 Aug 2022 12:04

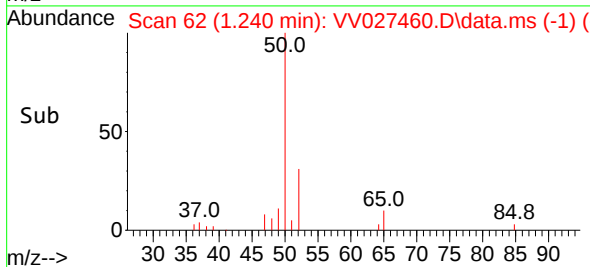
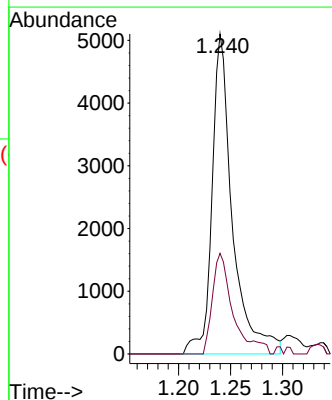
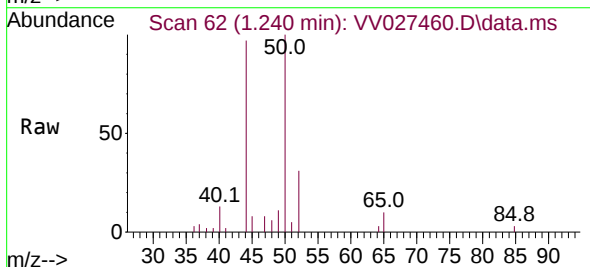
Instrument :
 MSVOA_V
 ClientSampleId :

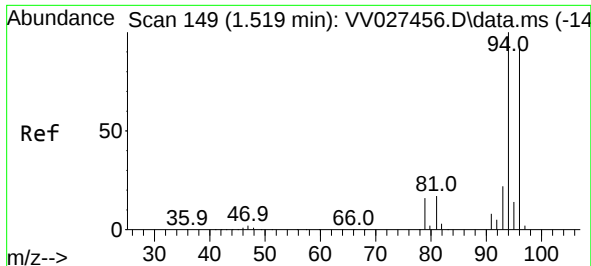
Tgt Ion: 85 Resp: 1400
 Ion Ratio Lower Upper
 85 100
 87 35.4 26.0 39.0



#3
 Chloromethane
 Concen: 0.642 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV027460.D
 Acq: 22 Aug 2022 12:04

Tgt Ion: 50 Resp: 6966
 Ion Ratio Lower Upper
 50 100
 52 31.5 22.8 42.4

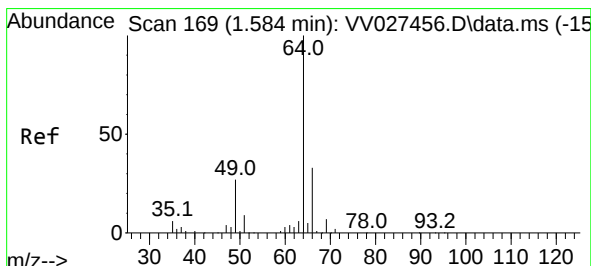
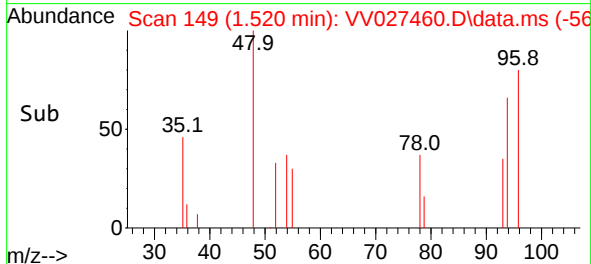
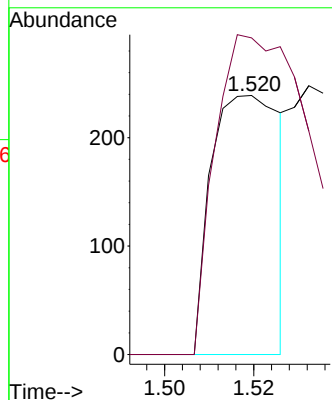
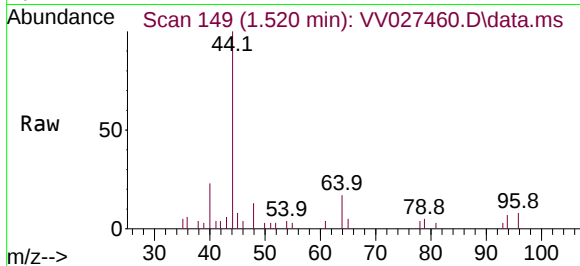




#6
Bromomethane
Concen: 0.047 ug/L
RT: 1.520 min Scan# 149
Delta R.T. 0.000 min
Lab File: VV027460.D
Acq: 22 Aug 2022 12:04

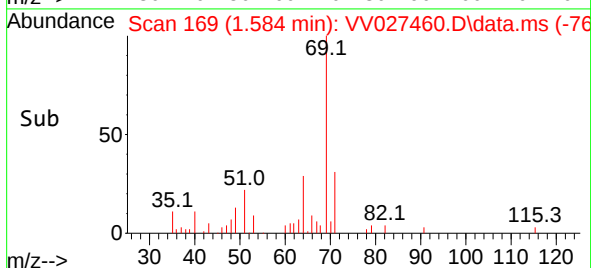
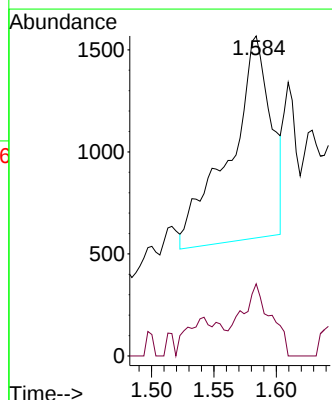
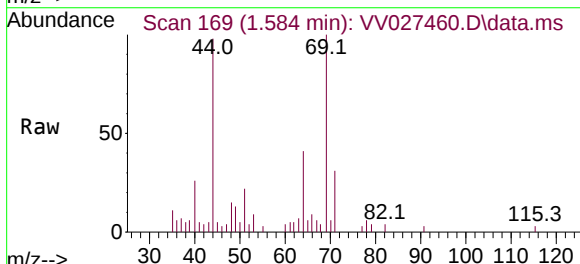
Instrument :
MSVOA_V
ClientSampleId :

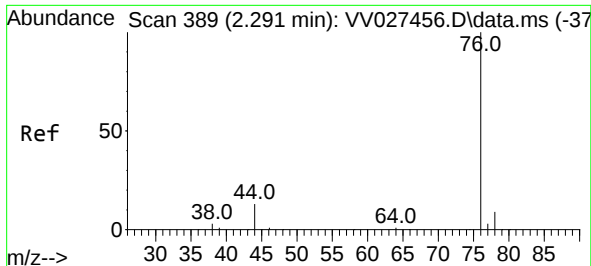
Tgt Ion: 94 Resp: 255
Ion Ratio Lower Upper
94 100
96 122.2 65.2 121.0#



#8
Chloroethane
Concen: 0.360 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV027460.D
Acq: 22 Aug 2022 12:04

Tgt Ion: 64 Resp: 2298
Ion Ratio Lower Upper
64 100
66 22.6 23.3 43.3#

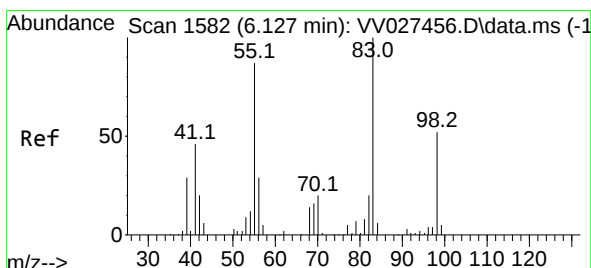
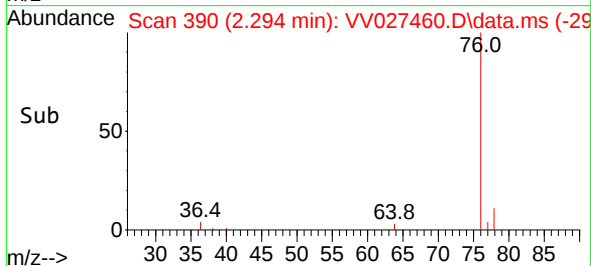
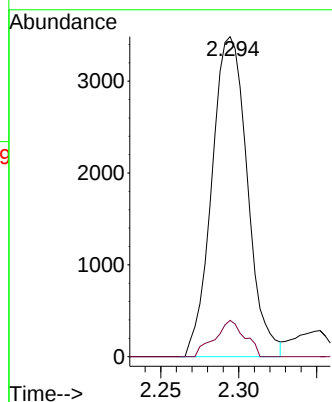
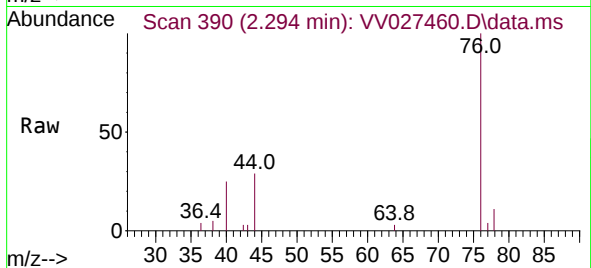




#14
Carbon disulfide
Concen: 0.227 ug/L
RT: 2.294 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV027460.D
Acq: 22 Aug 2022 12:04

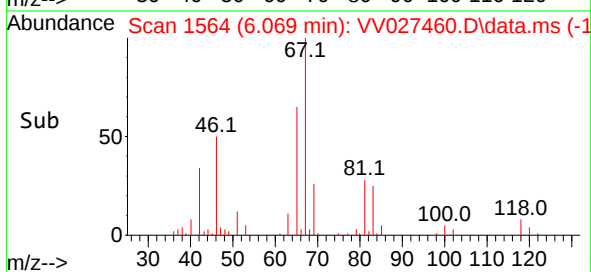
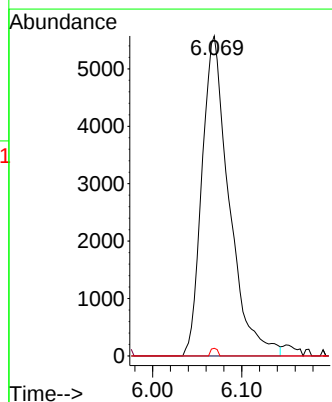
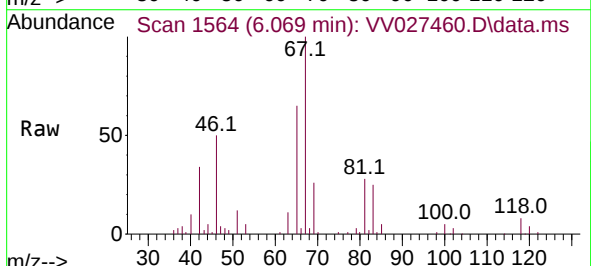
Instrument :
MSVOA_V
ClientSampleId :

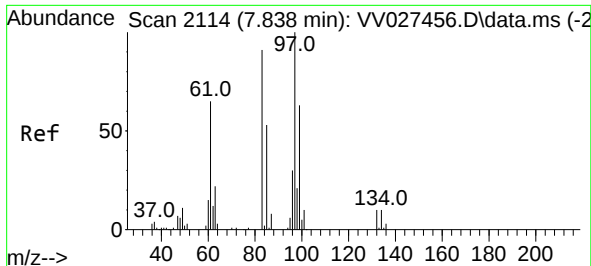
Tgt Ion: 76 Resp: 5526
Ion Ratio Lower Upper
76 100
78 11.4 7.3 10.9#



#35
Methylcyclohexane
Concen: 0.806 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV027460.D
Acq: 22 Aug 2022 12:04

Tgt Ion: 83 Resp: 11797
Ion Ratio Lower Upper
83 100
55 0.4 68.2 102.4#
98 0.6 39.0 58.4#





#45

1,1,2-Trichloroethane

Concen: 0.182 ug/L

RT: 7.934 min Scan# 2114

Delta R.T. 0.097 min

Lab File: VV027460.D

Acq: 22 Aug 2022 12:04

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 1230

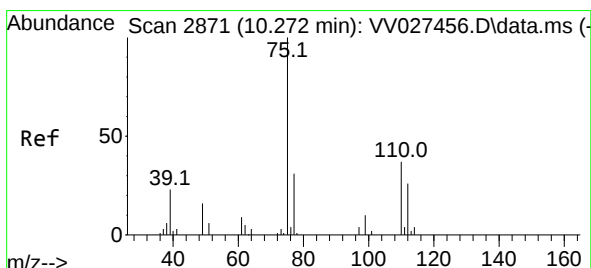
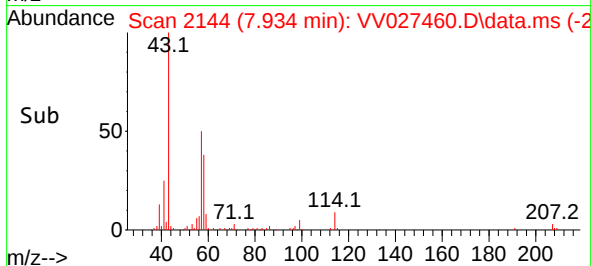
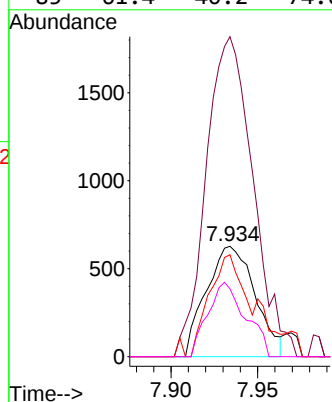
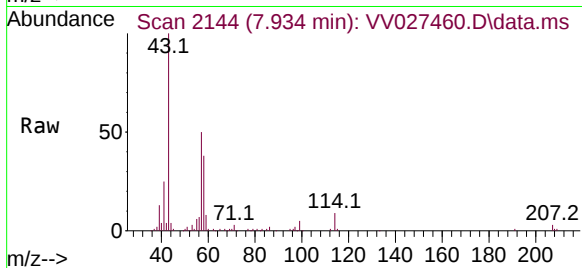
Ion Ratio Lower Upper

97 100

99 290.1 46.1 85.7#

83 92.3 63.0 117.0

85 61.4 40.2 74.6



#61

1,2,3-Trichloropropane

Concen: 1.438 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV027460.D

Acq: 22 Aug 2022 12:04

Tgt Ion: 75 Resp: 6446

Ion Ratio Lower Upper

75 100

77 33.8 26.2 39.2

110 1.0 29.9 44.9#

