

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100422\
 Data File : VV028320.D
 Acq On : 04 Oct 2022 11:25
 Operator : SY/MD
 Sample : N4866-16DL 25X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 23:23:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

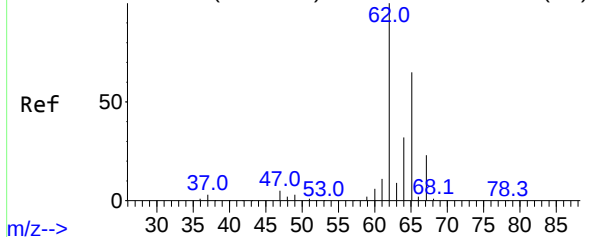
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	353098	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	345976	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	160115	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	66853	2.520	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	50.400%
7) Chloroethane-d5	1.561	69	62059	2.763	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	55.200%#
11) 1,1-Dichloroethene-d2	2.095	63	97460	1.949	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	39.000%#
20) 2-Butanone-d5	3.899	46	196552	43.785	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.580%
24) Chloroform-d	4.339	84	160160	3.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.600%#
26) 1,2-Dichloroethane-d4	5.027	65	76024	3.412	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.200%#
32) Benzene-d6	5.040	84	305091	3.215	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	64.200%#
36) 1,2-Dichloropropane-d6	6.063	67	101183	3.716	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.400%
41) Toluene-d8	7.310	98	244297	2.799	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	56.000%#
43) trans-1,3-Dichloroprop...	7.619	79	31842	3.071	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.400%
46) 2-Hexanone-d5	8.088	63	170965	40.282	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.560%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	77637	3.762	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.200%
66) 1,2-Dichlorobenzene-d4	11.619	152	104657	3.798	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.000%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.304	62	162201	5.352	ug/L	99
6) Bromomethane	1.516	94	1220	0.085	ug/L	87
8) Chloroethane	1.384	64	185119	9.164	ug/L #	51
16) Methylene chloride	2.497	84	12958	0.455	ug/L	93
22) cis-1,2-Dichloroethene	3.902	96	146971	5.532	ug/L	97
35) Methylcyclohexane	6.059	83	24612	0.585	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	9985	0.419	ug/L #	87
61) 1,2,3-Trichloropropane	11.246	75	16940	1.371	ug/L #	67

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

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Response via : Initial Calibration



Abundance Scan 82 (1.304 min): VV028271.D\data.ms (-74)



#5

Vinyl chloride

Concen: 5.352 ug/L

RT: 1.304 min Scan# 82

Delta R.T. 0.000 min

Lab File: VV028320.D

Acq: 04 Oct 2022 11:25

Instrument :

MSVOA_V

ClientSampleId :

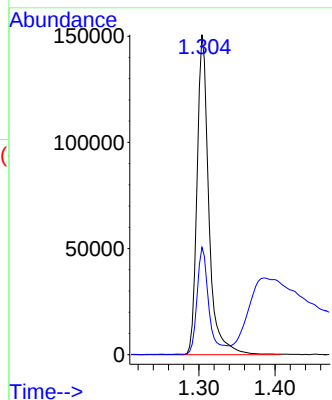
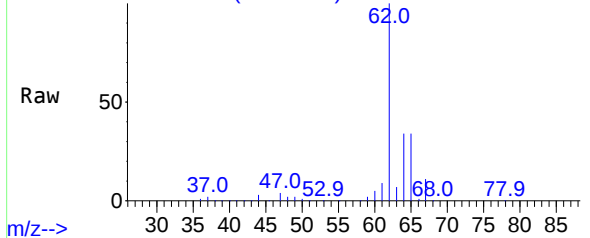
Tgt Ion: 62 Resp: 162201

Ion Ratio Lower Upper

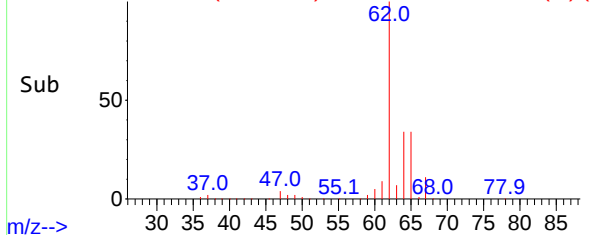
62 100

64 33.6 23.0 42.8

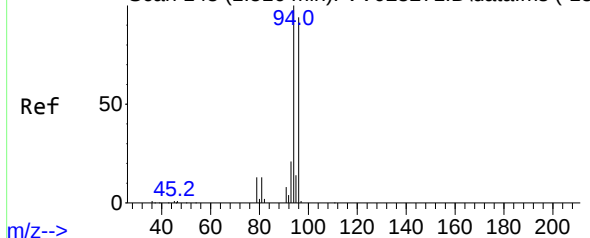
Abundance Scan 82 (1.304 min): VV028320.D\data.ms



Abundance Scan 82 (1.304 min): VV028320.D\data.ms (-1)



Abundance Scan 148 (1.516 min): VV028271.D\data.ms (-13)



#6

Bromomethane

Concen: 0.085 ug/L

RT: 1.516 min Scan# 148

Delta R.T. 0.000 min

Lab File: VV028320.D

Acq: 04 Oct 2022 11:25

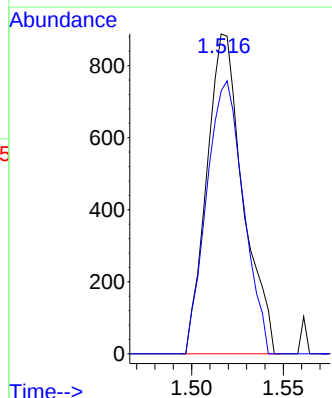
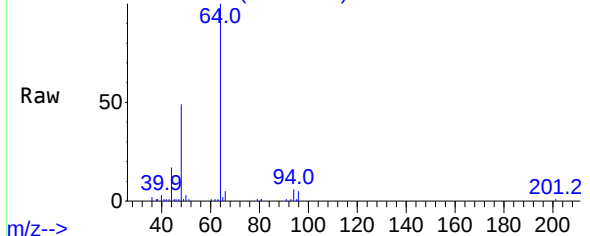
Tgt Ion: 94 Resp: 1220

Ion Ratio Lower Upper

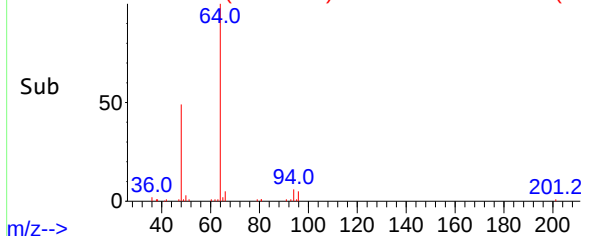
94 100

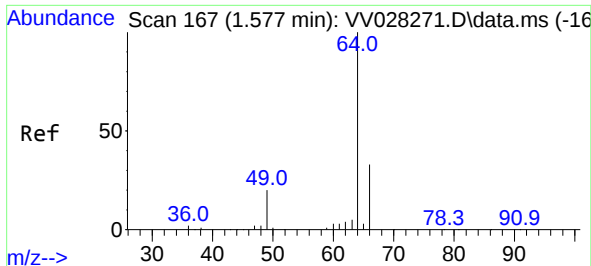
96 82.2 66.7 123.9

Abundance Scan 148 (1.516 min): VV028320.D\data.ms



Abundance Scan 148 (1.516 min): VV028320.D\data.ms (-55)

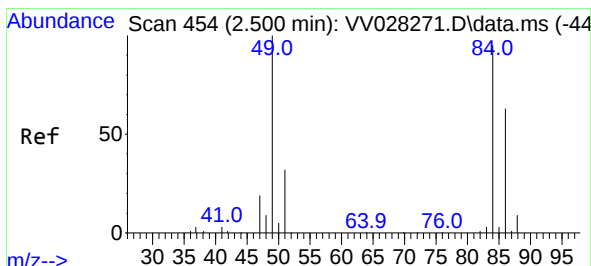
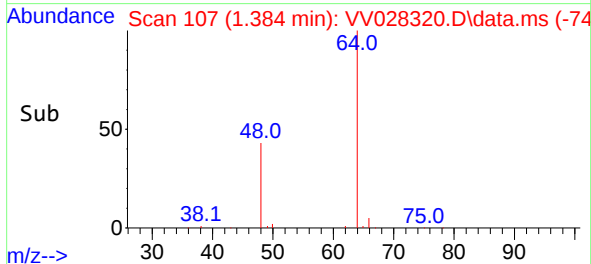
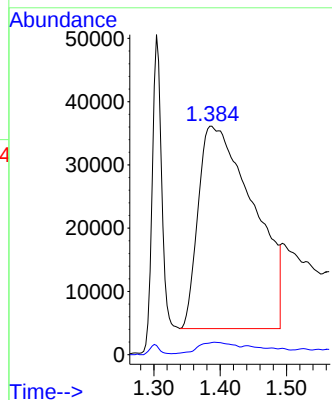
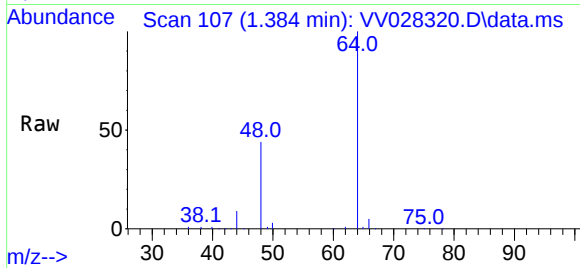




#8
Chloroethane
Concen: 9.164 ug/L
RT: 1.384 min Scan# 10
Delta R.T. -0.193 min
Lab File: VV028320.D
Acq: 04 Oct 2022 11:25

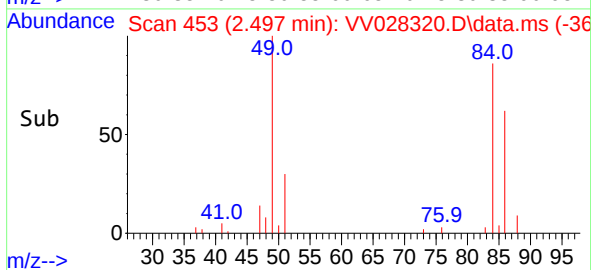
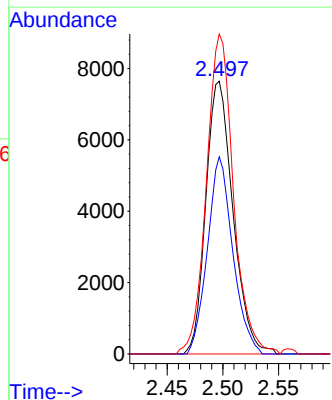
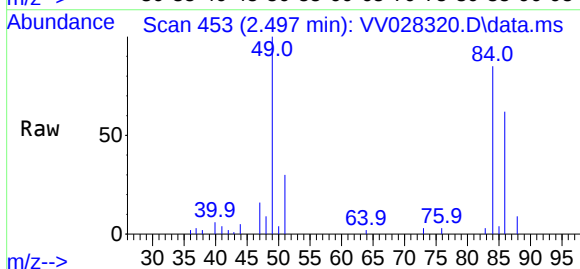
Instrument :
MSVOA_V
ClientSampleId :

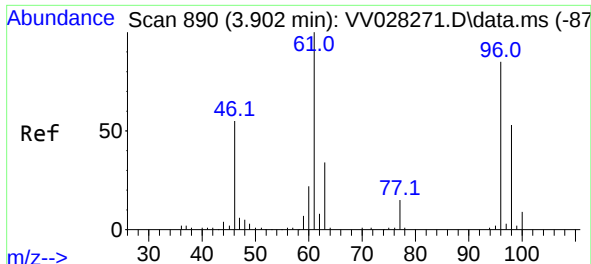
Tgt Ion: 64 Resp: 185119
Ion Ratio Lower Upper
64 100
66 5.1 23.0 42.8#



#16
Methylene chloride
Concen: 0.455 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.003 min
Lab File: VV028320.D
Acq: 04 Oct 2022 11:25

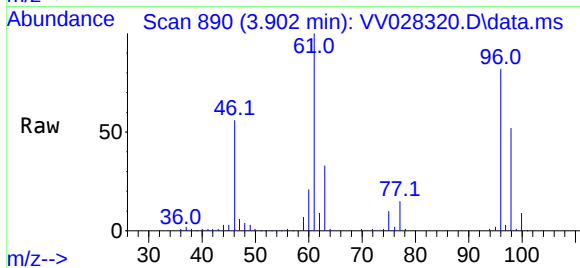
Tgt Ion: 84 Resp: 12958
Ion Ratio Lower Upper
84 100
86 72.2 46.8 86.8
49 117.3 87.5 162.5



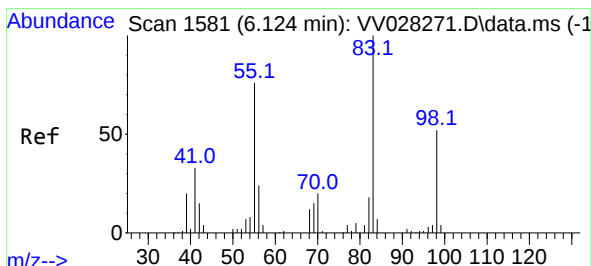
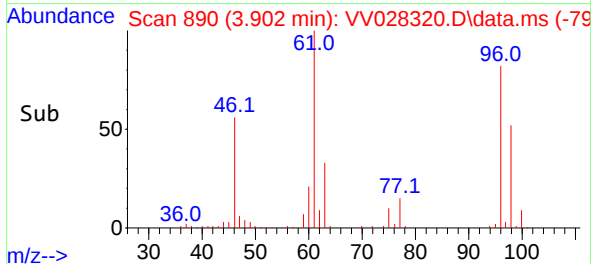
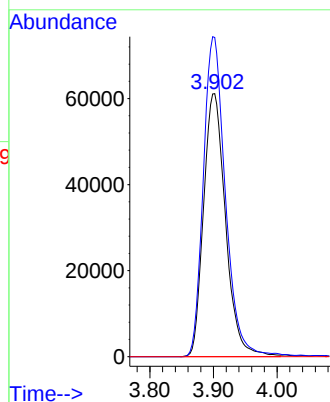


#22
cis-1,2-Dichloroethene
Concen: 5.532 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.003 min
Lab File: VV028320.D
Acq: 04 Oct 2022 11:25

Instrument :
MSVOA_V
ClientSampleId :

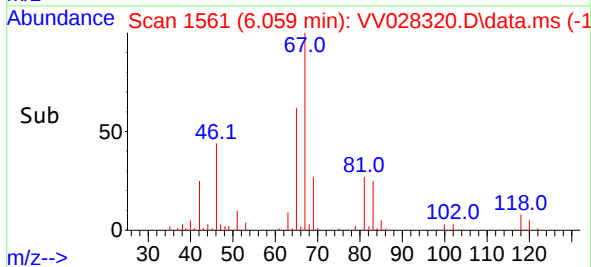
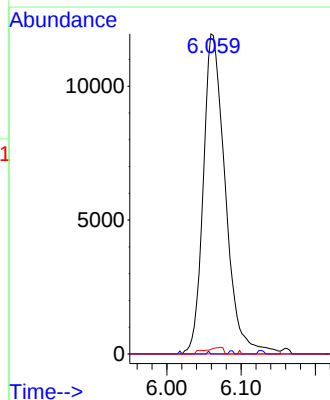
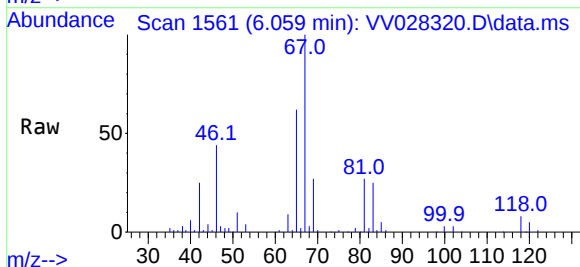


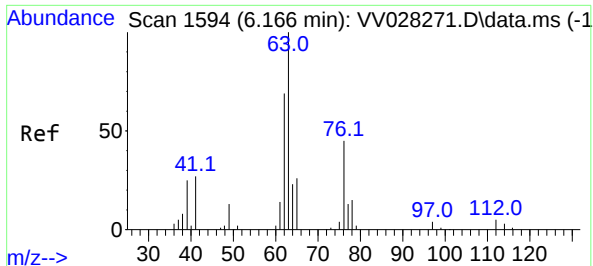
Tgt Ion: 96 Resp: 146971
Ion Ratio Lower Upper
96 100
61 121.4 87.2 161.9
68 0.0 0.0 0.0



#35
Methylcyclohexane
Concen: 0.585 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.064 min
Lab File: VV028320.D
Acq: 04 Oct 2022 11:25

Tgt Ion: 83 Resp: 24612
Ion Ratio Lower Upper
83 100
55 0.1 64.7 97.1#
98 1.3 39.5 59.3#

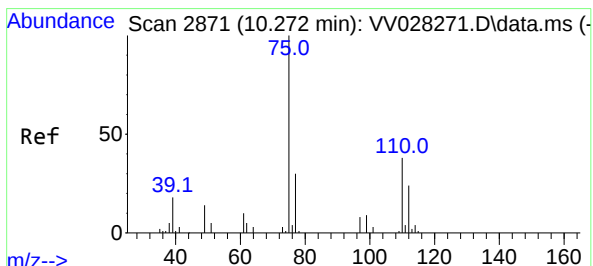
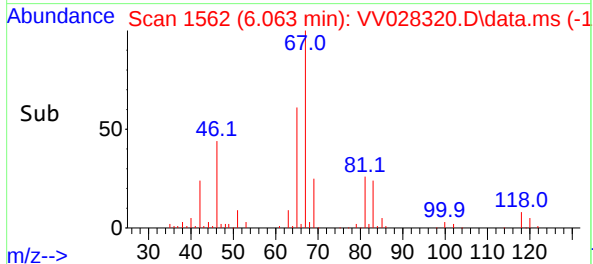
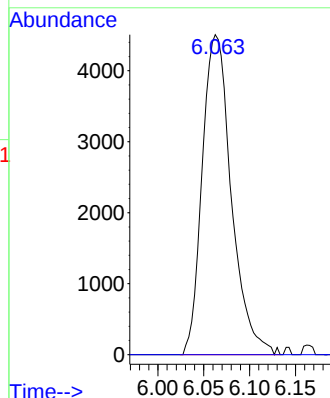
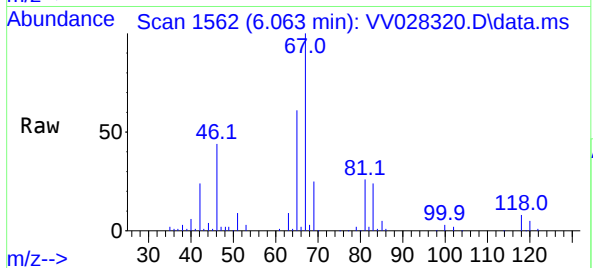




#37
1,2-Dichloropropane
Concen: 0.419 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV028320.D
Acq: 04 Oct 2022 11:25

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 9985
Ion Ratio Lower Upper
63 100
112 0.2 3.5 5.3#



#61
1,2,3-Trichloropropane
Concen: 1.371 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.975 min
Lab File: VV028320.D
Acq: 04 Oct 2022 11:25

Tgt Ion: 75 Resp: 16940
Ion Ratio Lower Upper
75 100
77 32.1 26.7 40.1
110 2.0 30.1 45.1#

