

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100322\
 Data File : VV028304.D
 Acq On : 04 Oct 2022 01:40
 Operator : SY/MD
 Sample : N4866-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 06:18:10 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

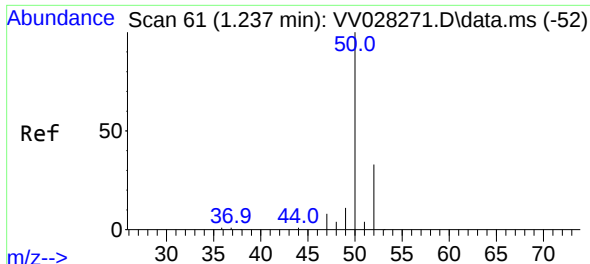
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	180989	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	181009	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	85173	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	68540	5.040	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.800%		
7) Chloroethane-d5	1.561	69	57723	5.014	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 100.200%		
11) 1,1-Dichloroethene-d2	2.102	63	93289	3.640	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 72.800%		
20) 2-Butanone-d5	3.909	46	128805	55.979	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 111.960%		
24) Chloroform-d	4.343	84	130220	5.286	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.800%		
26) 1,2-Dichloroethane-d4	5.027	65	60488	5.296	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 106.000%		
32) Benzene-d6	5.044	84	261528	5.267	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.400%		
36) 1,2-Dichloropropane-d6	6.063	67	79516	5.582	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 111.600%		
41) Toluene-d8	7.314	98	212735	4.658	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 93.200%		
43) trans-1,3-Dichloroprop...	7.622	79	23197	4.276	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 85.600%		
46) 2-Hexanone-d5	8.088	63	104223	46.936	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 93.880%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	56774	5.258	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 105.200%		
66) 1,2-Dichlorobenzene-d4	11.622	152	80600	5.499	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 110.000%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.237	50	1803	0.131	ug/L	90
5) Vinyl chloride	1.304	62	990601	63.764	ug/L	100
8) Chloroethane	1.381	64	226315	21.858	ug/L #	50
12) 1,1-Dichloroethene	2.098	96	1110	0.085	ug/L #	1
18) trans-1,2-Dichloroethene	2.761	96	784	0.058	ug/L	85
22) cis-1,2-Dichloroethene	3.905	96	70859	5.204	ug/L	94
25) Chloroform	4.375	83	2879	0.114	ug/L	92
35) Methylcyclohexane	6.066	83	19816	0.900	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	8242	0.660	ug/L #	87
39) cis-1,3-Dichloropropene	6.986	75	1691	0.095	ug/L #	55
61) 1,2,3-Trichloropropane	11.246	75	8134	1.238	ug/L #	69

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

Quant Time: Oct 04 06:18:10 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

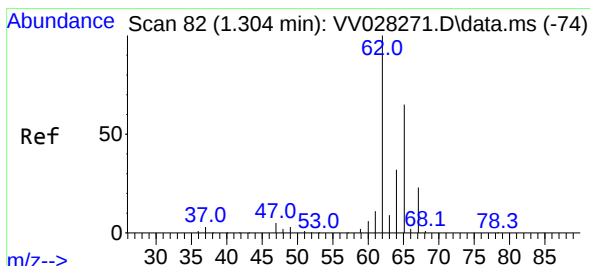
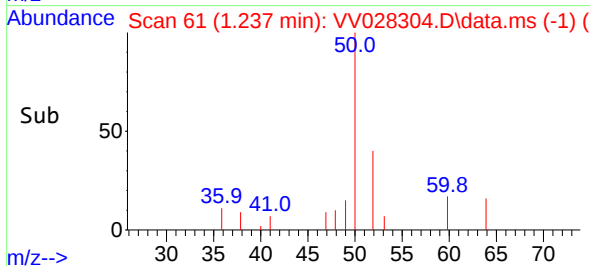
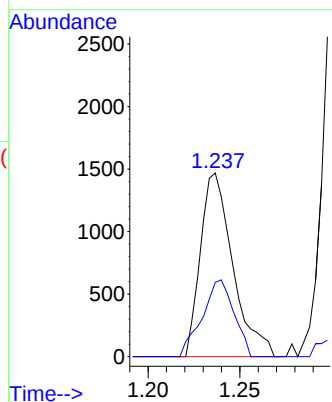
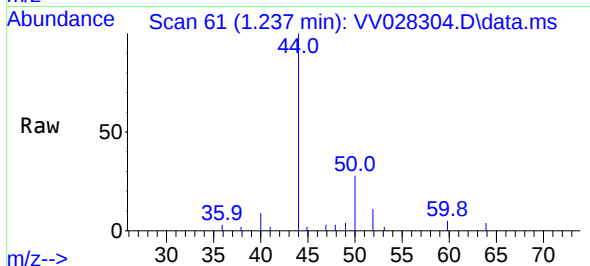




#3
Chloromethane
Concen: 0.131 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028304.D
Acq: 04 Oct 2022 01:40

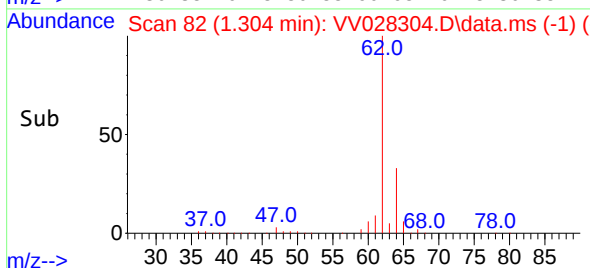
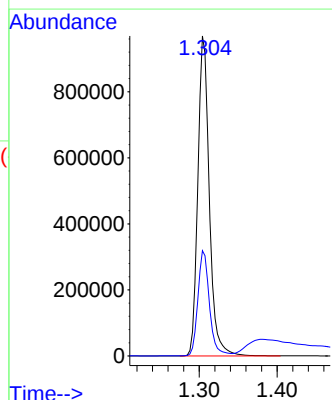
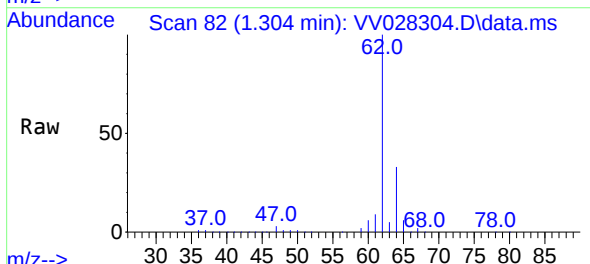
Instrument :
MSVOA_V
ClientSampleId :

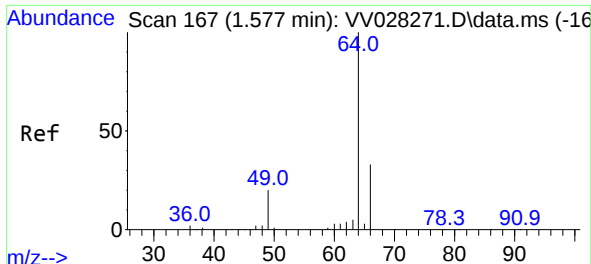
Tgt Ion: 50 Resp: 1803
Ion Ratio Lower Upper
50 100
52 40.4 24.4 45.2



#5
Vinyl chloride
Concen: 63.764 ug/L
RT: 1.304 min Scan# 82
Delta R.T. 0.000 min
Lab File: VV028304.D
Acq: 04 Oct 2022 01:40

Tgt Ion: 62 Resp: 990601
Ion Ratio Lower Upper
62 100
64 32.9 23.0 42.8

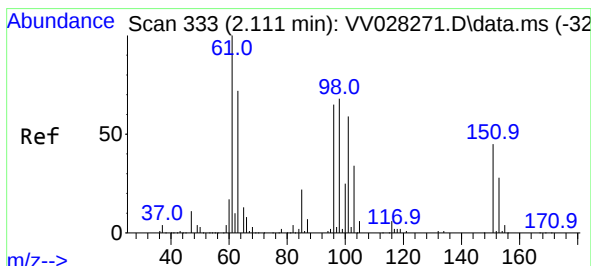
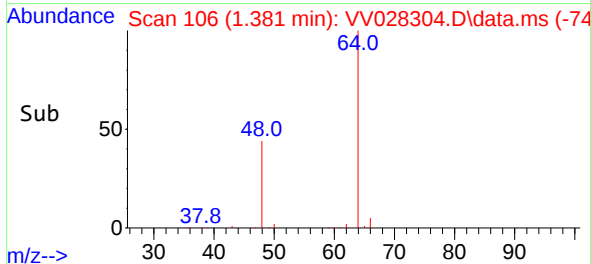
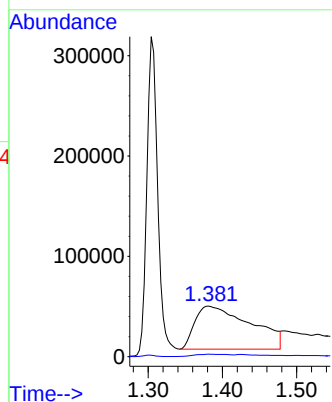
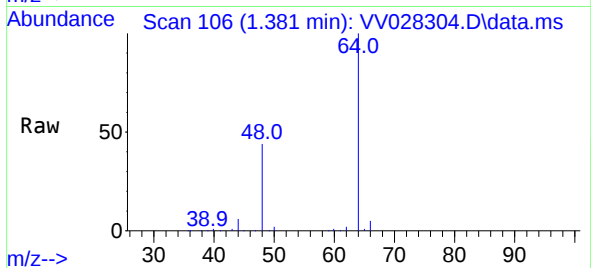




#8
Chloroethane
Concen: 21.858 ug/L
RT: 1.381 min Scan# 106
Delta R.T. -0.196 min
Lab File: VV028304.D
Acq: 04 Oct 2022 01:40

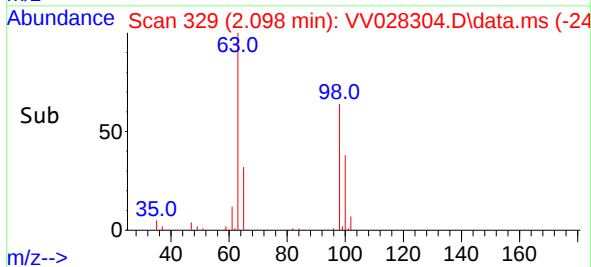
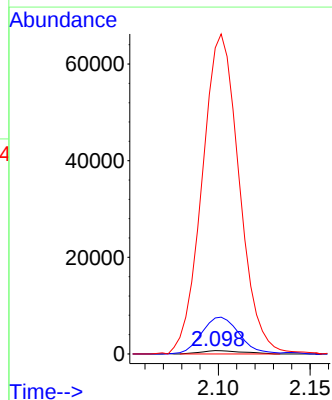
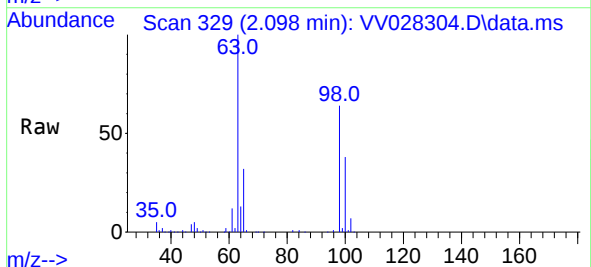
Instrument :
MSVOA_V
ClientSampleId :

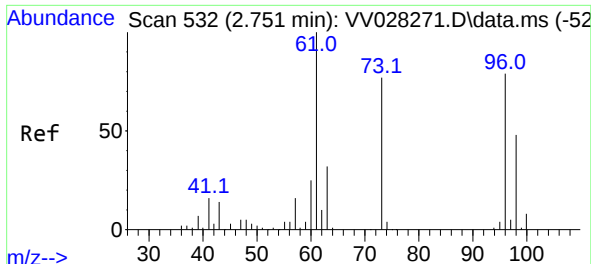
Tgt Ion: 64 Resp: 226315
Ion Ratio Lower Upper
64 100
66 4.9 23.0 42.8#



#12
1,1-Dichloroethene
Concen: 0.085 ug/L
RT: 2.098 min Scan# 329
Delta R.T. -0.013 min
Lab File: VV028304.D
Acq: 04 Oct 2022 01:40

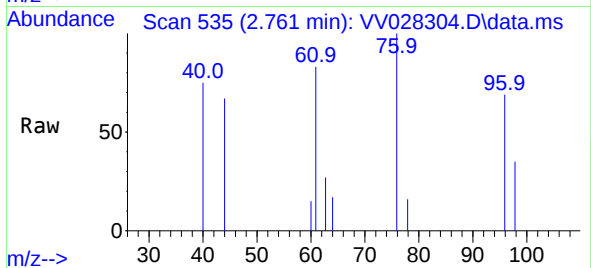
Tgt Ion: 96 Resp: 1110
Ion Ratio Lower Upper
96 100
61 1088.6 128.3 238.3#
63 9249.6 112.7 209.3#



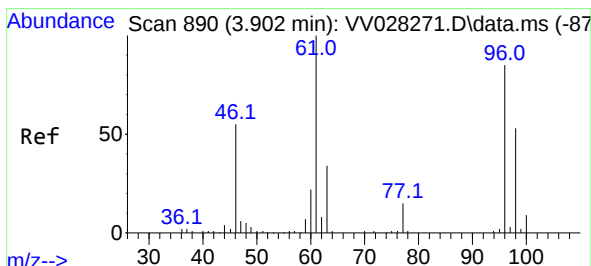
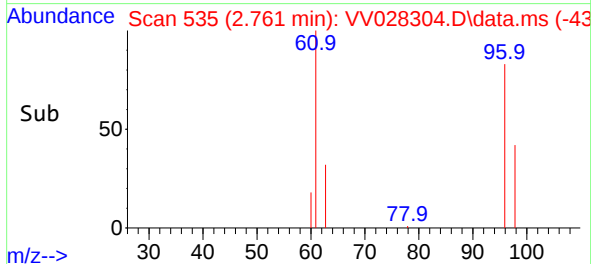
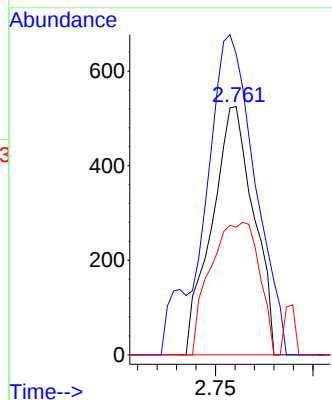


#18
trans-1,2-Dichloroethene
Concen: 0.058 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.010 min
Lab File: VV028304.D
Acq: 04 Oct 2022 01:40

Instrument :
MSVOA_V
ClientSampleId :

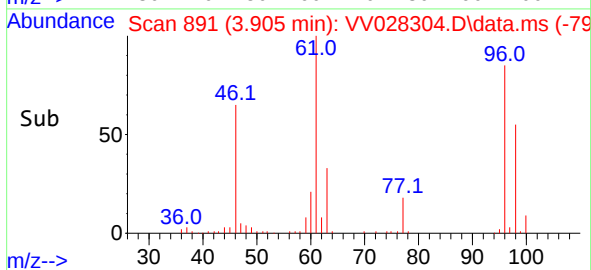
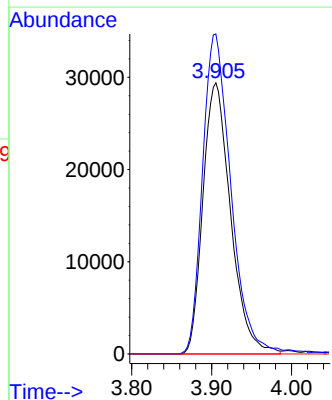
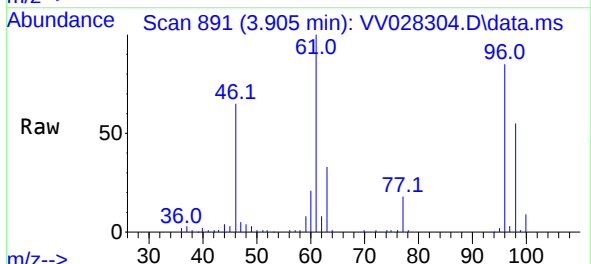


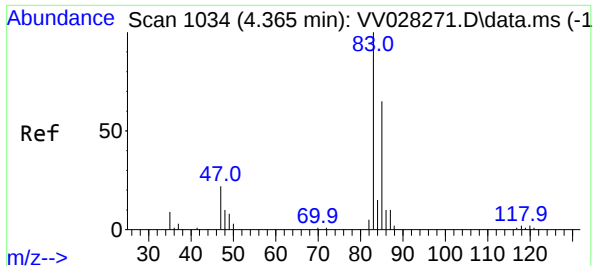
Tgt Ion: 96 Resp: 784
Ion Ratio Lower Upper
96 100
61 121.1 96.2 178.6
98 51.4 45.7 84.9



#22
cis-1,2-Dichloroethene
Concen: 5.204 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.000 min
Lab File: VV028304.D
Acq: 04 Oct 2022 01:40

Tgt Ion: 96 Resp: 70859
Ion Ratio Lower Upper
96 100
61 118.0 87.2 161.9
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.114 ug/L

RT: 4.375 min Scan# 10

Delta R.T. 0.007 min

Lab File: VV028304.D

Acq: 04 Oct 2022 01:40

Instrument :

MSVOA_V

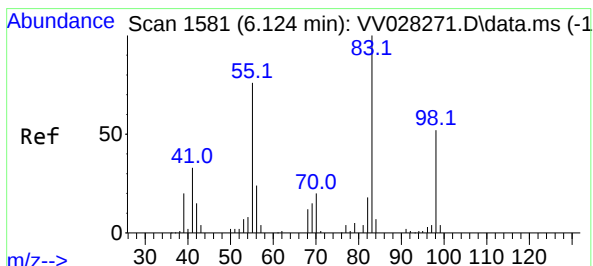
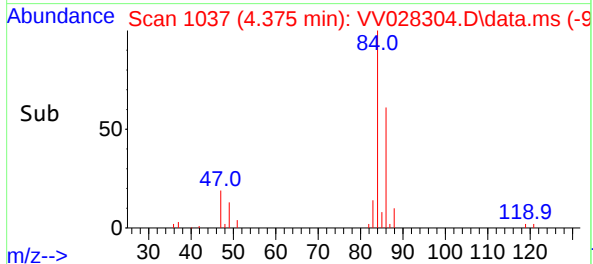
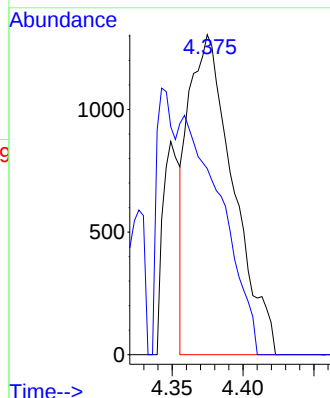
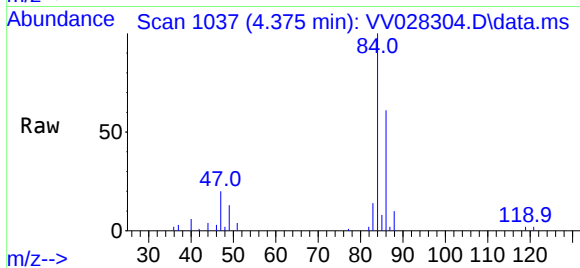
ClientSampleId :

Tgt Ion: 83 Resp: 2879

Ion Ratio Lower Upper

83 100

85 58.2 45.1 83.7



#35

Methylcyclohexane

Concen: 0.900 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV028304.D

Acq: 04 Oct 2022 01:40

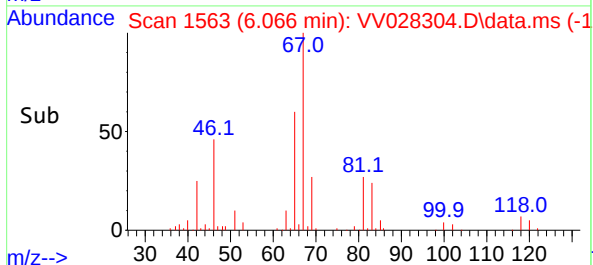
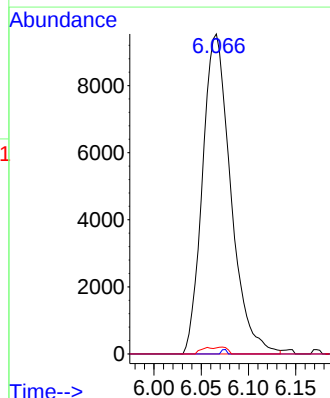
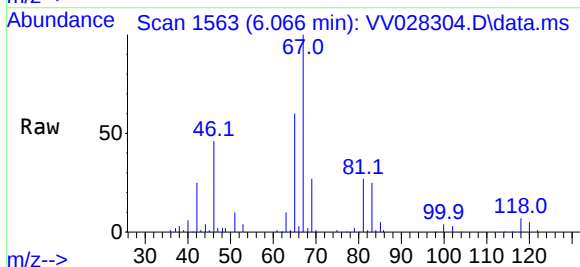
Tgt Ion: 83 Resp: 19816

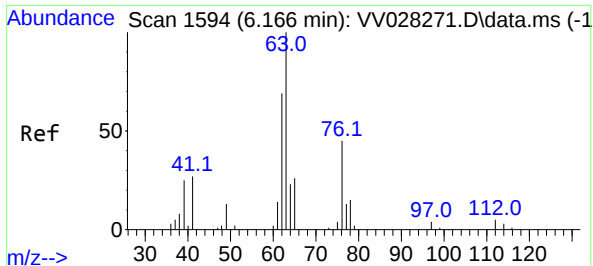
Ion Ratio Lower Upper

83 100

55 0.2 64.7 97.1#

98 0.9 39.5 59.3#

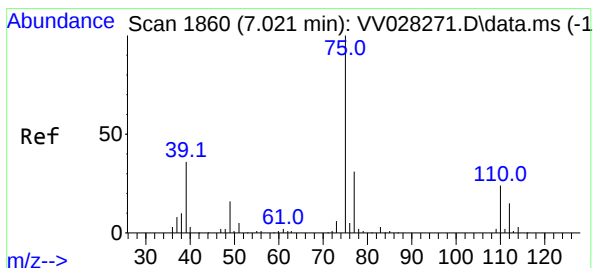
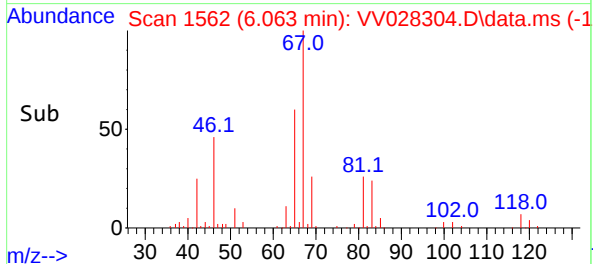
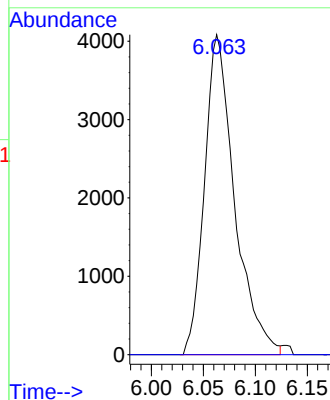
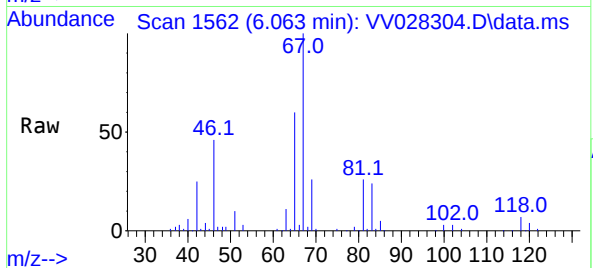




#37
1,2-Dichloropropane
Concen: 0.660 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV028304.D
Acq: 04 Oct 2022 01:40

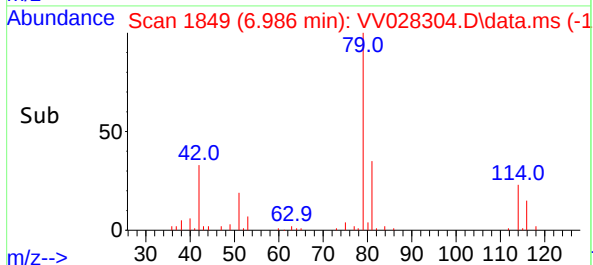
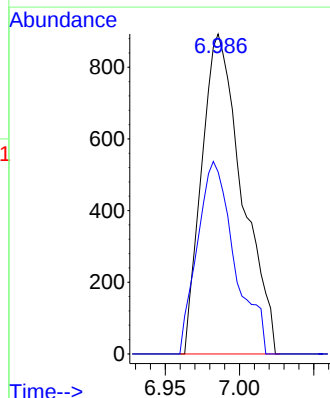
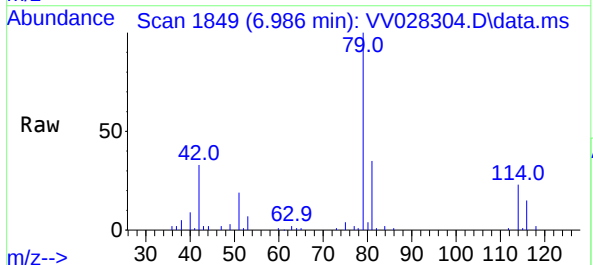
Instrument :
MSVOA_V
ClientSampleId :

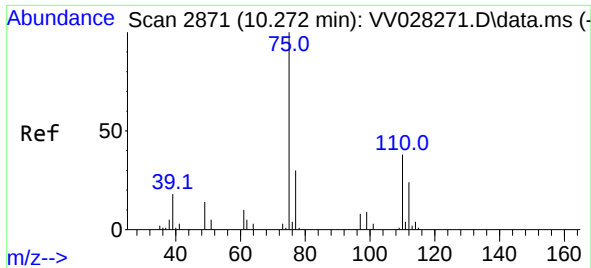
Tgt Ion: 63 Resp: 8242
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 6.986 min Scan# 1849
Delta R.T. -0.038 min
Lab File: VV028304.D
Acq: 04 Oct 2022 01:40

Tgt Ion: 75 Resp: 1691
Ion Ratio Lower Upper
75 100
77 56.9 22.4 41.6#





#61

1,2,3-Trichloropropane

Concen: 1.238 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.975 min

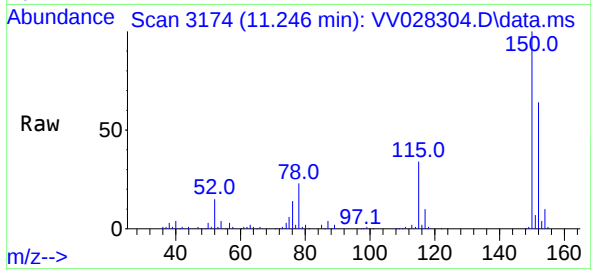
Lab File: VV028304.D

Acq: 04 Oct 2022 01:40

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 8134

Ion Ratio Lower Upper

75 100

77 33.3 26.7 40.1

110 2.8 30.1 45.1#

