

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121021\
 Data File : VW023898.D
 Acq On : 10 Dec 2021 19:51
 Operator : SY/MD
 Sample : M4984-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 11 04:53:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 04:33:17 2021
 Response via : Initial Calibration

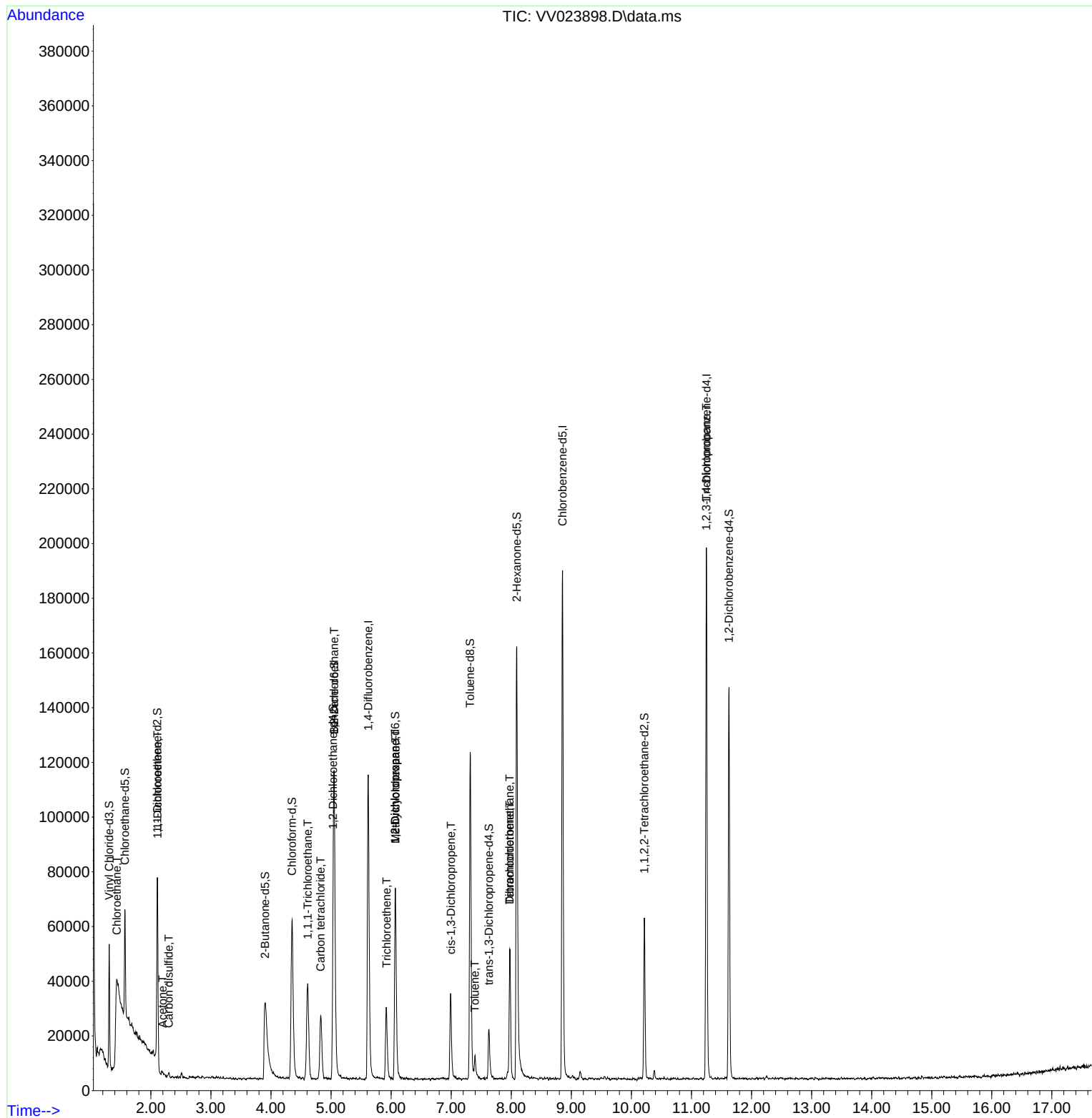
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	101870	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	105926	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52317	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	25483	4.653	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.000%	
7) Chloroethane-d5	1.568	69	23239	5.086	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.800%	
11) 1,1-Dichloroethene-d2	2.108	63	34579	3.235	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	64.600%	
20) 2-Butanone-d5	3.902	46	67220	62.826	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	125.660%	
24) Chloroform-d	4.352	84	59666	4.810	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.200%	
26) 1,2-Dichloroethane-d4	5.034	65	29559	5.118	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.400%	
32) Benzene-d6	5.053	84	100556	4.793	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.800%	
36) 1,2-Dichloropropane-d6	6.069	67	32748	5.174	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.400%	
41) Toluene-d8	7.317	98	82507	4.368	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.400%	
43) trans-1,3-Dichloroprop...	7.629	79	11922	4.540	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.800%	
46) 2-Hexanone-d5	8.092	63	55927	47.576	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.160%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25677	4.890	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	38010	5.439	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.800%	
Target Compounds						
					Qvalue	
8) Chloroethane	1.433	64	96469	18.043	ug/L #	52
12) 1,1-Dichloroethene	2.111	96	419	0.061	ug/L #	1
13) Acetone	2.195	43	1209	1.412	ug/L	74
14) Carbon disulfide	2.298	76	2204	0.111	ug/L #	91
27) 1,2-Dichloroethane	5.053	62	685	0.084	ug/L #	73
29) 1,1,1-Trichloroethane	4.613	97	28189	2.034	ug/L	98
31) Carbon tetrachloride	4.828	117	17874	1.372	ug/L	99
34) Trichloroethene	5.924	95	8911	1.054	ug/L	92
35) Methylcyclohexane	6.072	83	8824	0.709	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	3905	0.548	ug/L #	90
39) cis-1,3-Dichloropropene	6.995	75	1043	0.099	ug/L #	27
42) Toluene	7.394	91	5966	0.177	ug/L	93
47) Tetrachloroethene	7.976	164	10965	1.474	ug/L	98
49) Dibromochloromethane	7.976	129	10037	1.400	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	5250	1.473	ug/L #	63

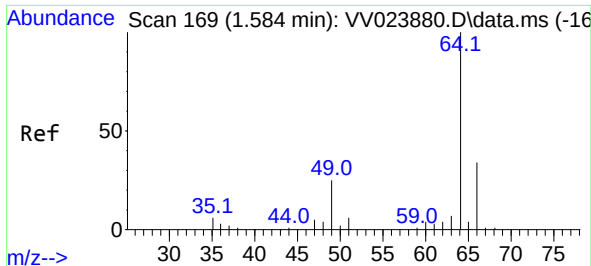
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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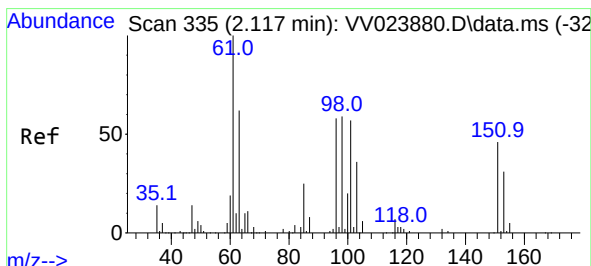
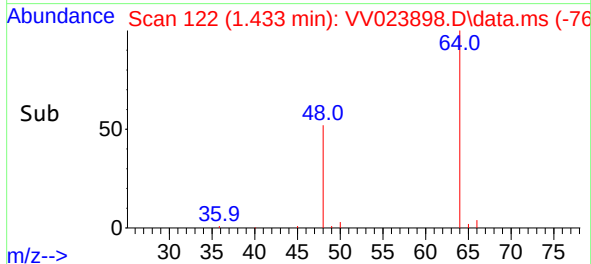
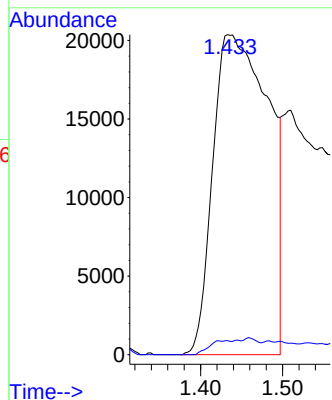
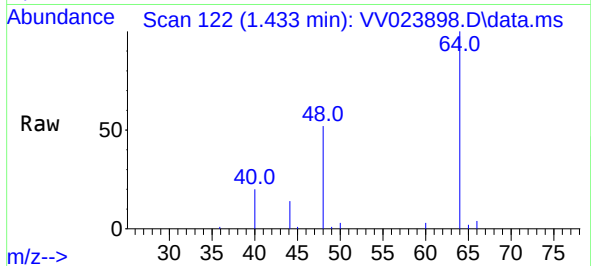




#8
Chloroethane
Concen: 18.043 ug/L
RT: 1.433 min Scan# 11
Delta R.T. -0.151 min
Lab File: VV023898.D
Acq: 10 Dec 2021 19:51

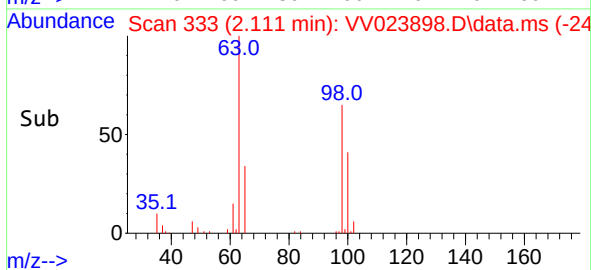
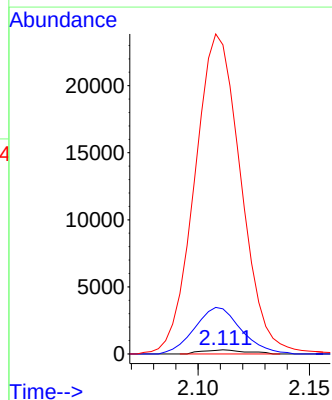
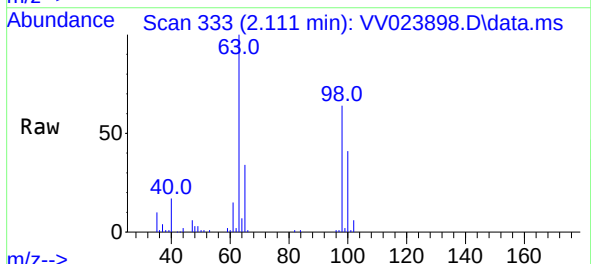
Instrument :
MSVOA_V
ClientSampleId :

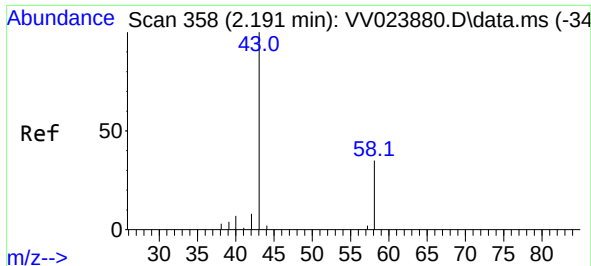
Tgt Ion: 64 Resp: 96469
Ion Ratio Lower Upper
64 100
66 4.4 21.4 39.8#



#12
1,1-Dichloroethene
Concen: 0.061 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.006 min
Lab File: VV023898.D
Acq: 10 Dec 2021 19:51

Tgt Ion: 96 Resp: 419
Ion Ratio Lower Upper
96 100
61 1101.0 116.1 215.5#
63 7529.4 79.4 147.4#





#13

Acetone

Concen: 1.412 ug/L

RT: 2.195 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV023898.D

Acq: 10 Dec 2021 19:51

Instrument :

MSVOA_V

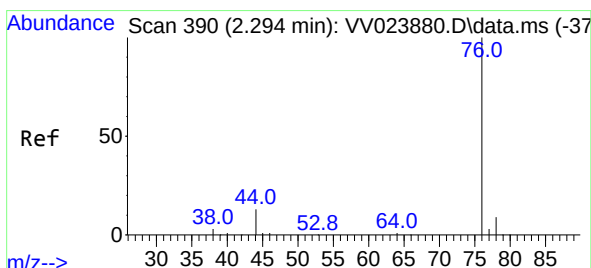
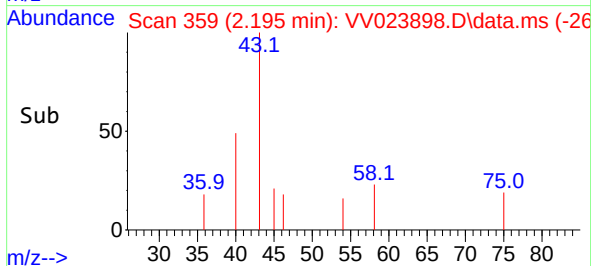
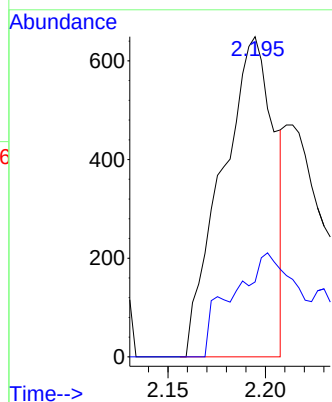
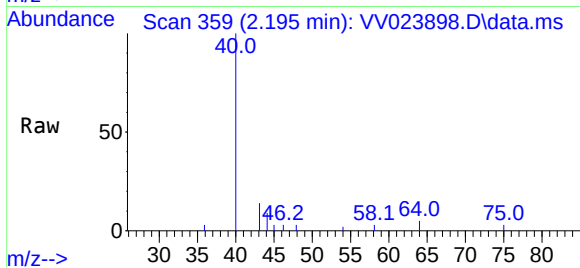
ClientSampleId :

Tgt Ion: 43 Resp: 1209

Ion Ratio Lower Upper

43 100

58 32.8 0.0 41.4



#14

Carbon disulfide

Concen: 0.111 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV023898.D

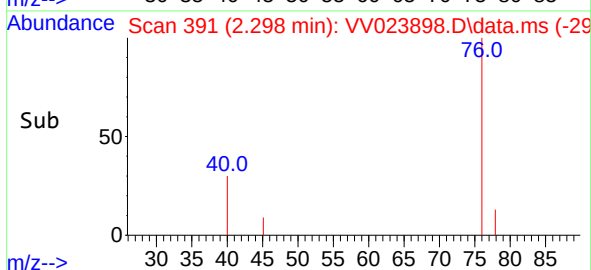
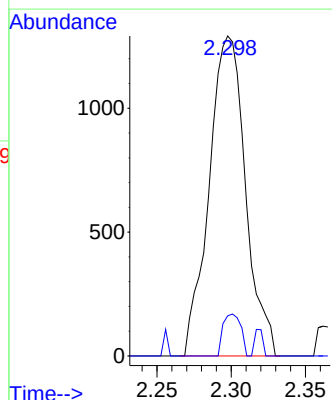
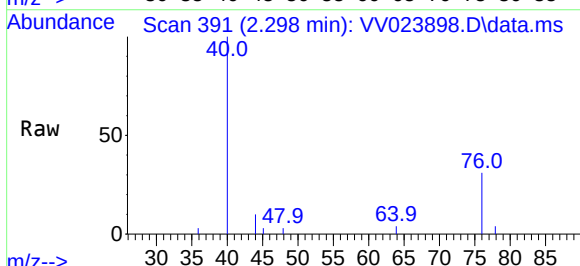
Acq: 10 Dec 2021 19:51

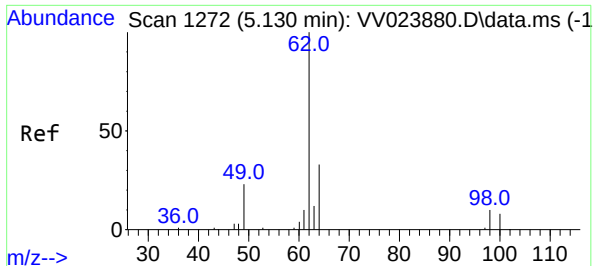
Tgt Ion: 76 Resp: 2204

Ion Ratio Lower Upper

76 100

78 12.5 7.5 11.3#

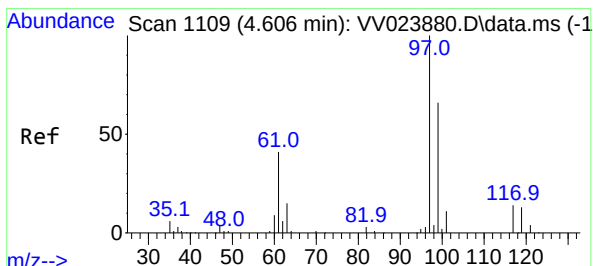
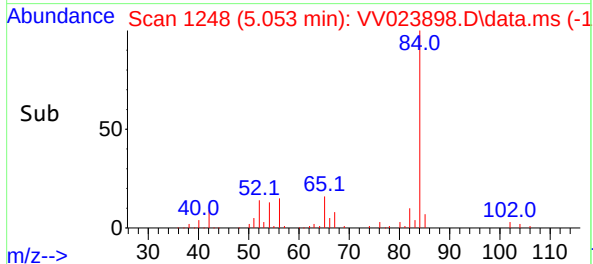
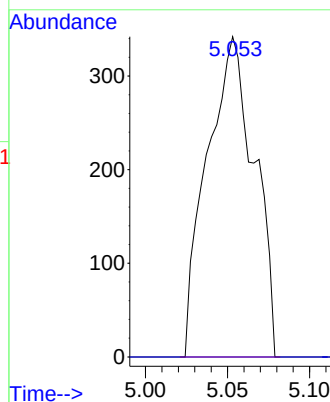
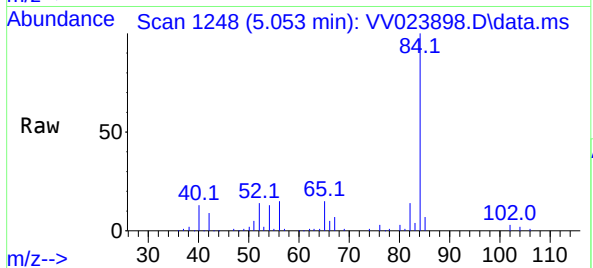




#27
1,2-Dichloroethane
Concen: 0.084 ug/L
RT: 5.053 min Scan# 1110
Delta R.T. -0.077 min
Lab File: VV023898.D
Acq: 10 Dec 2021 19:51

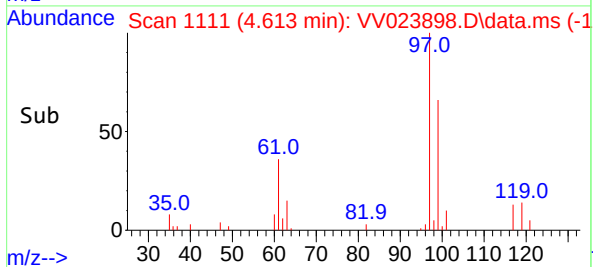
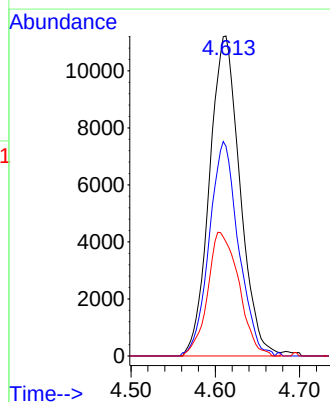
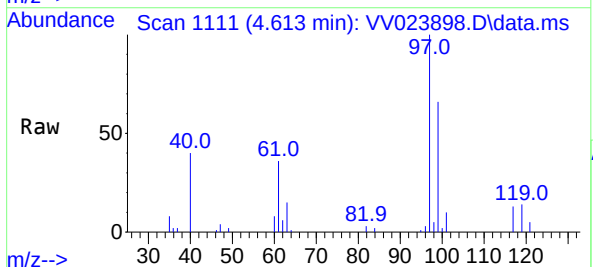
Instrument :
MSVOA_V
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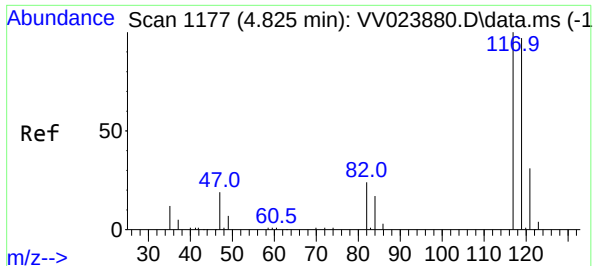
Tgt Ion: 62 Resp: 685
Ion Ratio Lower Upper
62 100
98 0.0 8.1 12.1#



#29
1,1,1-Trichloroethane
Concen: 2.034 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.007 min
Lab File: VV023898.D
Acq: 10 Dec 2021 19:51

Tgt Ion: 97 Resp: 28189
Ion Ratio Lower Upper
97 100
99 64.3 51.9 77.9
61 39.6 33.2 49.8

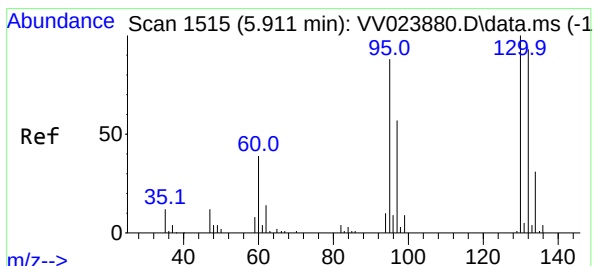
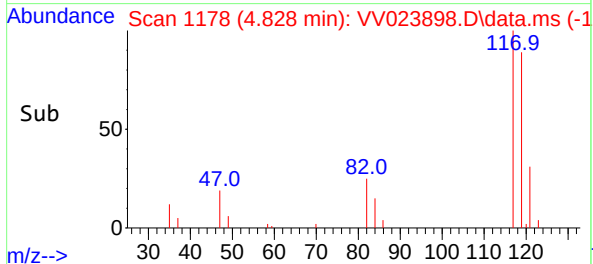
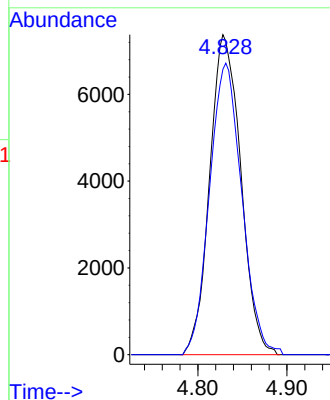
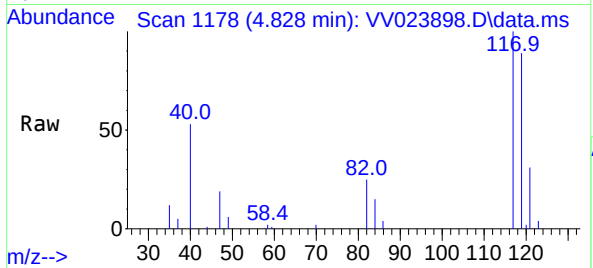




#31
Carbon tetrachloride
Concen: 1.372 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV023898.D
Acq: 10 Dec 2021 19:51

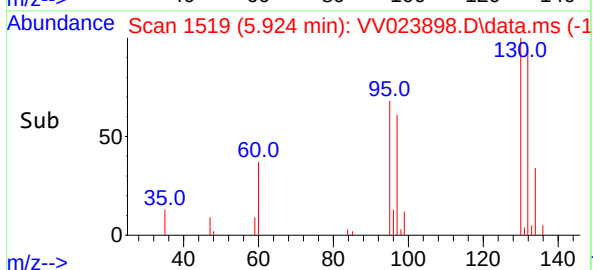
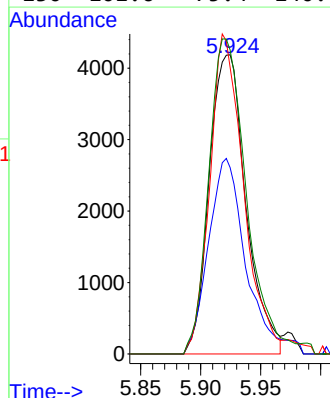
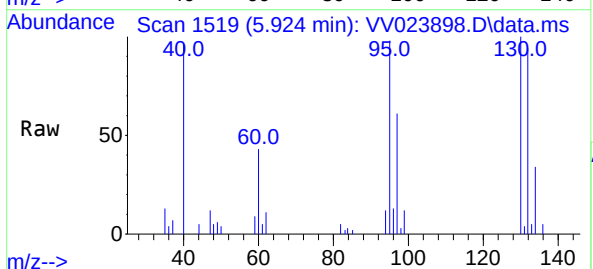
Instrument :
MSVOA_V
ClientSampleId :

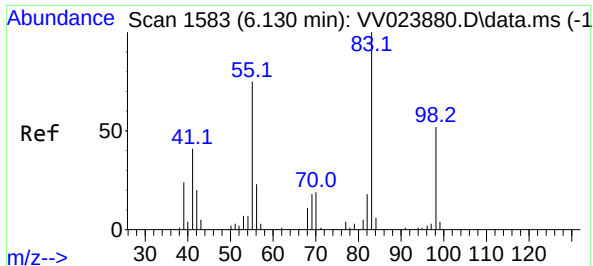
Tgt Ion:117 Resp: 17874
Ion Ratio Lower Upper
117 100
119 94.5 76.6 114.8



#34
Trichloroethene
Concen: 1.054 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.013 min
Lab File: VV023898.D
Acq: 10 Dec 2021 19:51

Tgt Ion: 95 Resp: 8911
Ion Ratio Lower Upper
95 100
97 62.3 45.2 84.0
132 95.7 76.1 141.3
130 101.6 75.4 140.0





#35

Methylcyclohexane

Concen: 0.709 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.058 min

Lab File: VV023898.D

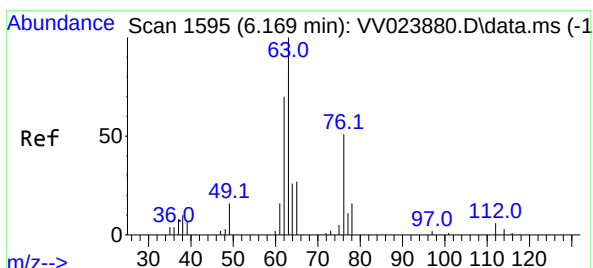
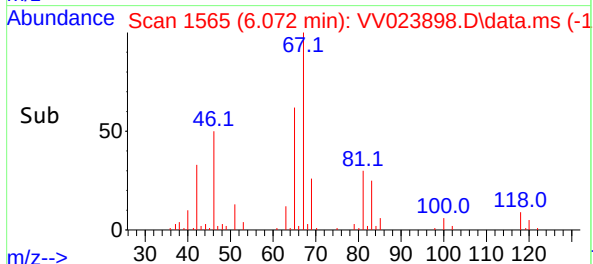
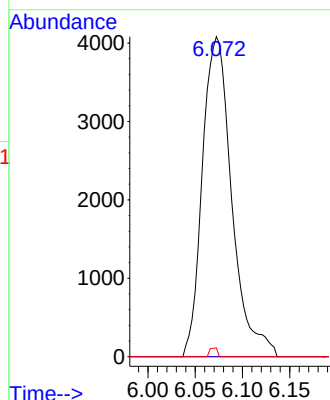
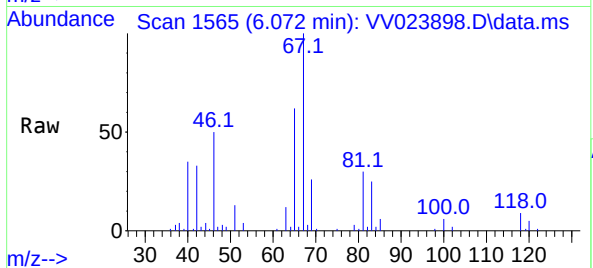
Acq: 10 Dec 2021 19:51

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 8824
Ion Ratio	Lower Upper
83	100
55	0.0 60.2 90.2#
98	0.7 41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.548 ug/L

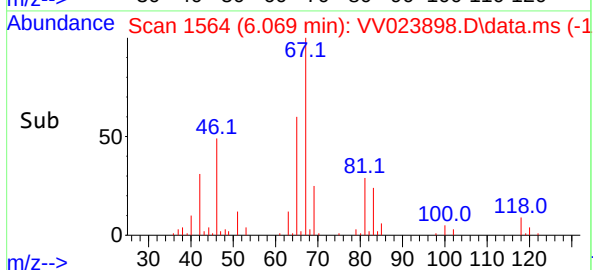
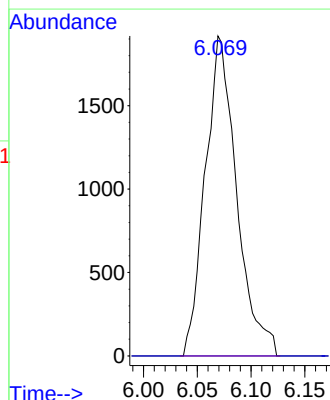
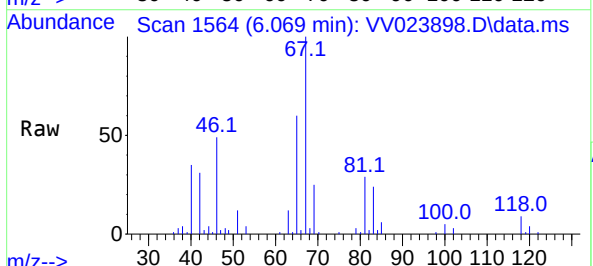
RT: 6.069 min Scan# 1564

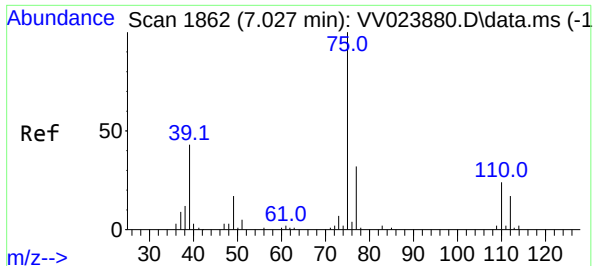
Delta R.T. -0.100 min

Lab File: VV023898.D

Acq: 10 Dec 2021 19:51

Tgt Ion: 63	Resp: 3905
Ion Ratio	Lower Upper
63	100
112	1.9 4.3 6.5#





#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 6.995 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV023898.D

Acq: 10 Dec 2021 19:51

Instrument :

MSVOA_V

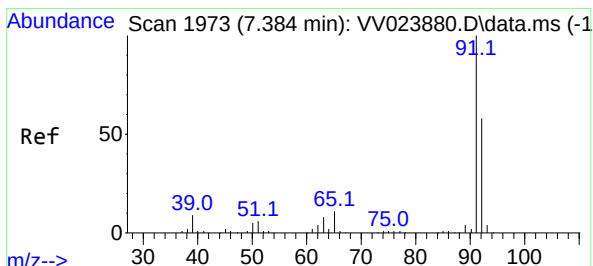
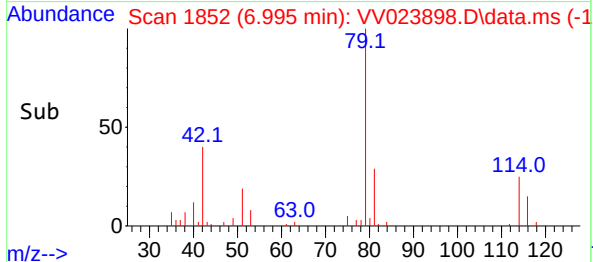
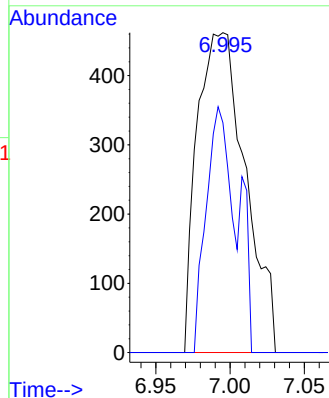
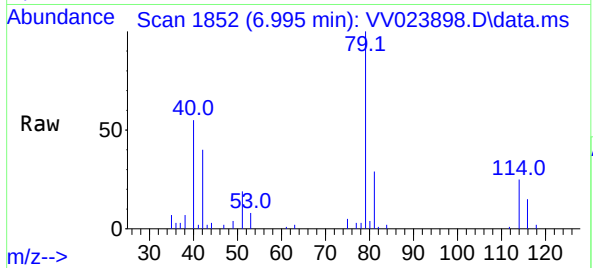
ClientSampleId :

Tgt Ion: 75 Resp: 1043

Ion Ratio Lower Upper

75 100

77 71.9 22.0 41.0#



#42

Toluene

Concen: 0.177 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.010 min

Lab File: VV023898.D

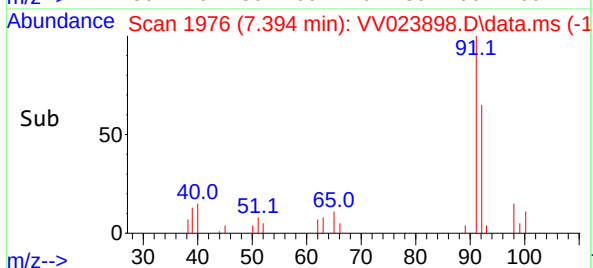
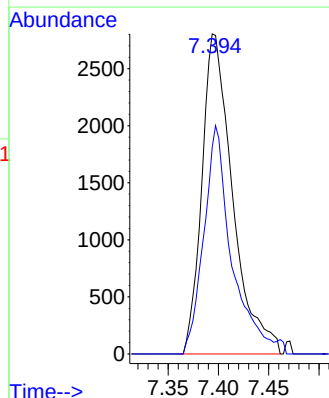
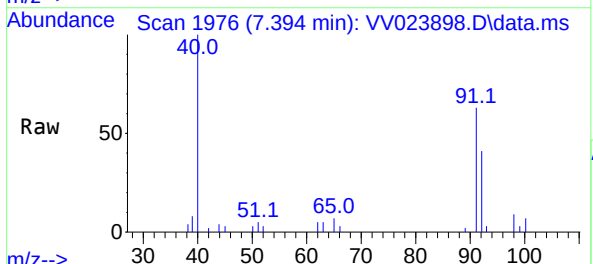
Acq: 10 Dec 2021 19:51

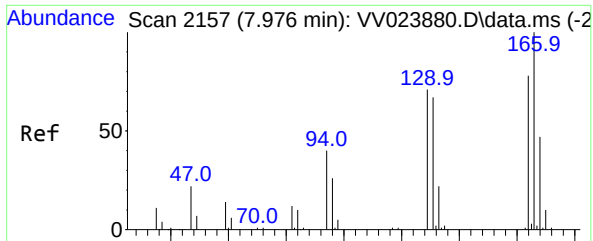
Tgt Ion: 91 Resp: 5966

Ion Ratio Lower Upper

91 100

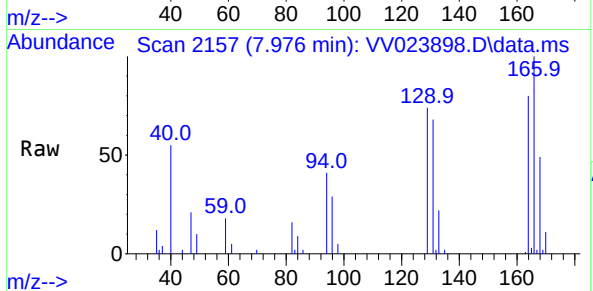
92 64.6 41.5 77.1



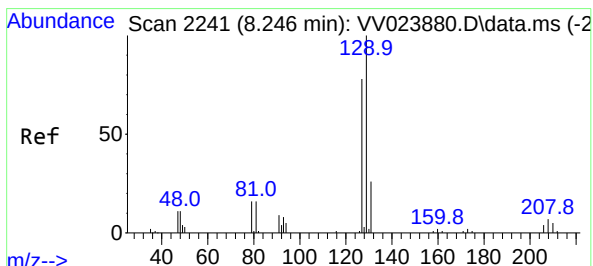
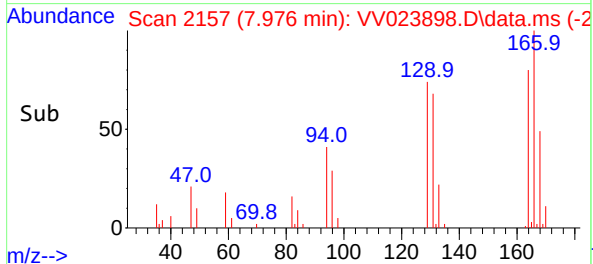
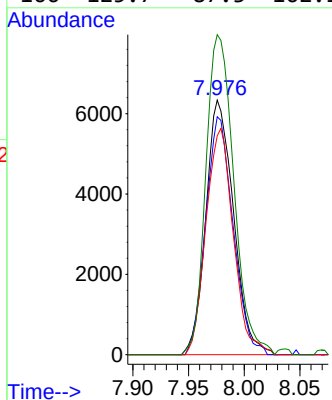


#47
Tetrachloroethene
Concen: 1.474 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV023898.D
Acq: 10 Dec 2021 19:51

Instrument :
MSVOA_V
ClientSampleId :

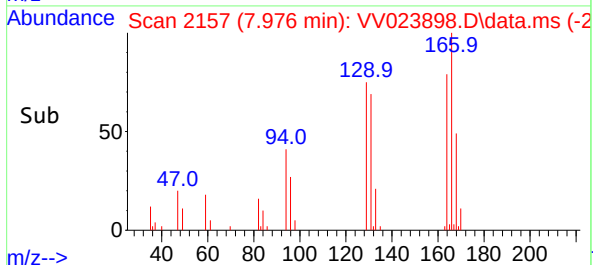
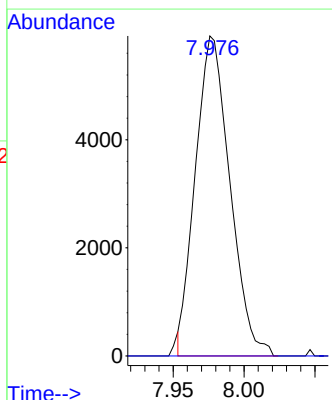
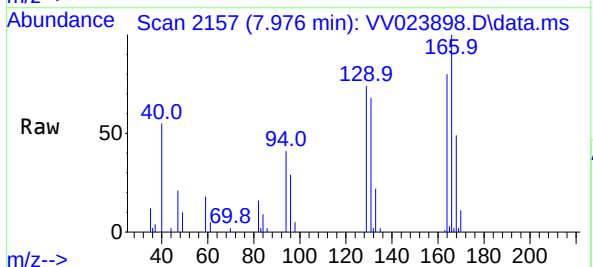


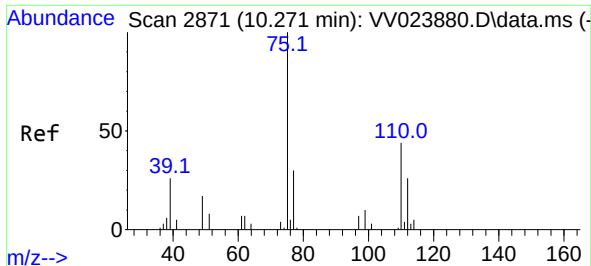
Tgt Ion:164 Resp: 10965
Ion Ratio Lower Upper
164 100
129 93.5 62.6 116.2
131 86.0 61.0 113.4
166 125.7 87.3 162.1



#49
Dibromochloromethane
Concen: 1.400 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.270 min
Lab File: VV023898.D
Acq: 10 Dec 2021 19:51

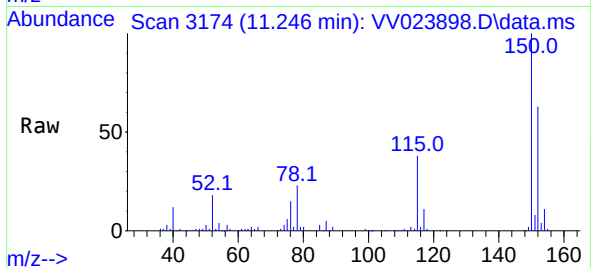
Tgt Ion:129 Resp: 10037
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#





#61
1,2,3-Trichloropropane
Concen: 1.473 ug/L
RT: 11.246 min Scan# 31
Delta R.T. 0.974 min
Lab File: VV023898.D
Acq: 10 Dec 2021 19:51

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75 Resp: 5250
Ion Ratio Lower Upper
75 100
77 35.9 26.4 39.6
110 3.0 34.2 51.2#

