

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121921\
 Data File : VW024094.D
 Acq On : 19 Dec 2021 17:27
 Operator : SY/MD
 Sample : M5134-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 20 01:38:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 20 01:35:07 2021
 Response via : Initial Calibration

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

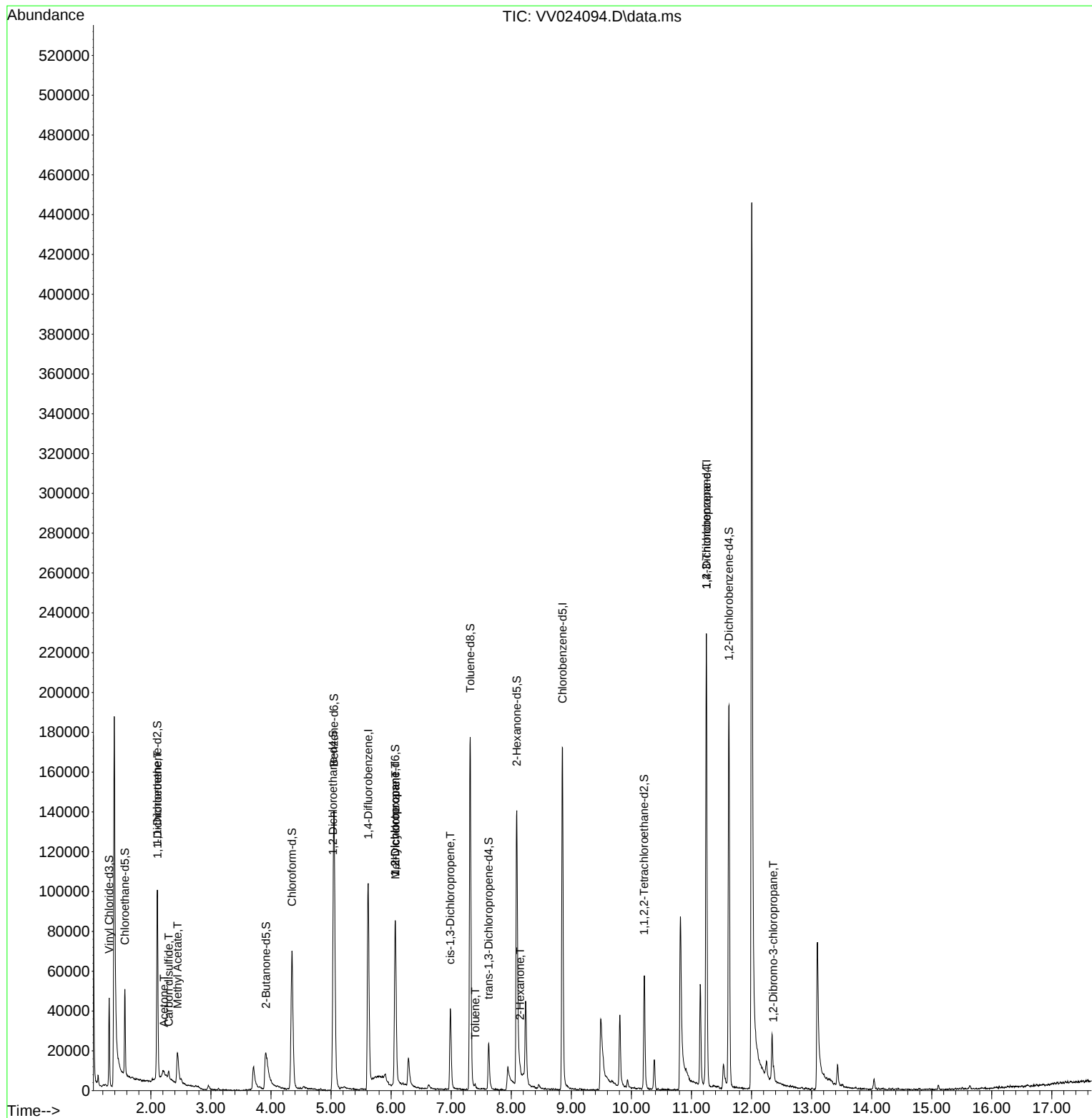
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	93718	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	98376	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60308	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	26916	5.342	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 106.800%		
7) Chloroethane-d5	1.568	69	24163	5.748	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 115.000%		
11) 1,1-Dichloroethene-d2	2.108	63	43766	4.450	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 89.000%		
20) 2-Butanone-d5	3.915	46	46394	47.133	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 94.260%		
24) Chloroform-d	4.349	84	68268	5.982	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 119.600%		
26) 1,2-Dichloroethane-d4	5.034	65	32122	6.045	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 121.000%		
32) Benzene-d6	5.050	84	127262	6.531	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 130.600%#		
36) 1,2-Dichloropropane-d6	6.069	67	37267	6.339	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 126.800%		
41) Toluene-d8	7.317	98	118248	6.741	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 134.800%#		
43) trans-1,3-Dichloroprop...	7.625	79	13477	5.526	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 110.600%		
46) 2-Hexanone-d5	8.092	63	48869	44.763	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 89.520%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	25764	5.283	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 105.600%		
66) 1,2-Dichlorobenzene-d4	11.625	152	51788	6.429	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 128.600%#		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.111	96	387	0.062	ug/L #	1
13) Acetone	2.220	43	5272	6.695	ug/L	84
14) Carbon disulfide	2.298	76	4044	0.222	ug/L	99
15) Methyl Acetate	2.442	43	23803	12.470	ug/L	97
35) Methylcyclohexane	6.072	83	10142	0.878	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	4892	0.740	ug/L #	84
39) cis-1,3-Dichloropropene	6.985	75	1150	0.117	ug/L #	73
42) Toluene	7.400	91	2130	0.068	ug/L	92
48) 2-Hexanone	8.146	43	3865	1.678	ug/L #	66
61) 1,2,3-Trichloropropane	11.249	75	6577	1.601	ug/L #	62
68) 1,2-Dibromo-3-chloropr...	12.361	75	220	0.245	ug/L #	1

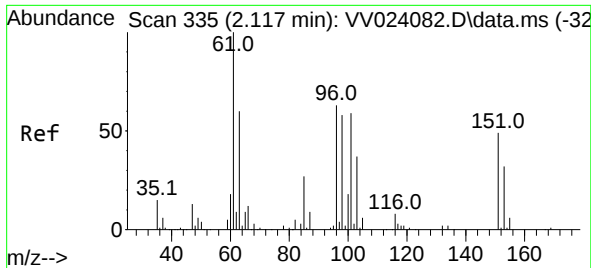
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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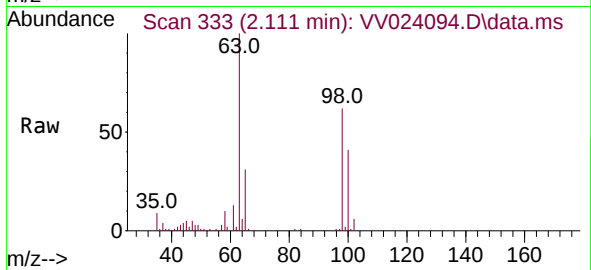
Quant Time: Dec 20 01:38:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0
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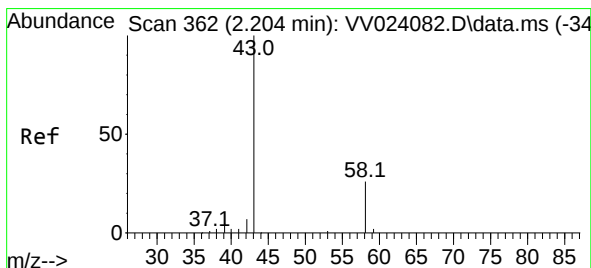
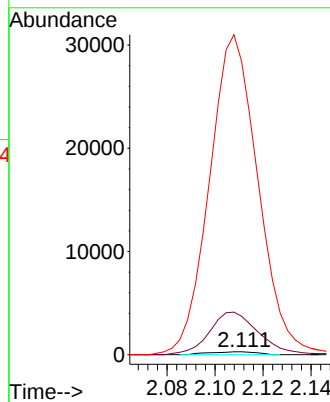
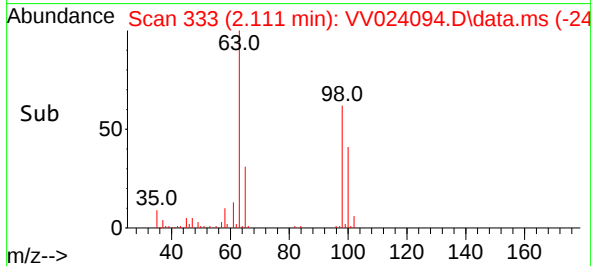


#12
1,1-Dichloroethene
Concen: 0.062 ug/L
RT: 2.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VV024094.D
Acq: 19 Dec 2021 17:27

Instrument :
MSVOA_V
ClientSampleId :

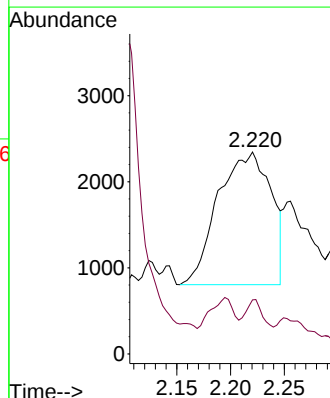
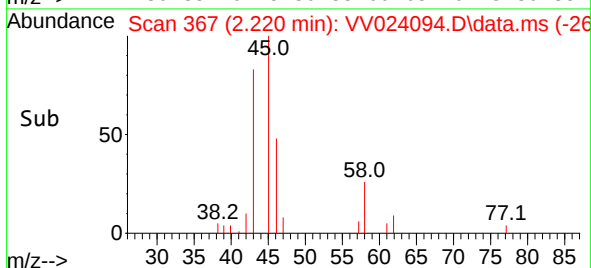
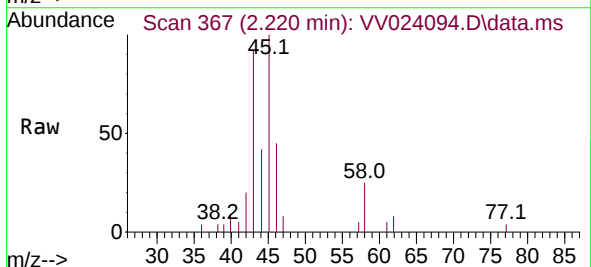


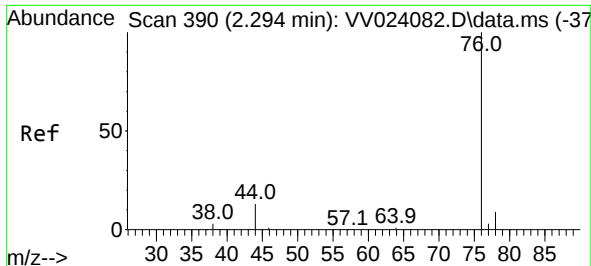
Tgt Ion: 96 Resp: 387
Ion Ratio Lower Upper
96 100
61 1315.2 116.1 215.5#
63 10035.3 79.4 147.4#



#13
Acetone
Concen: 6.695 ug/L
RT: 2.220 min Scan# 367
Delta R.T. 0.016 min
Lab File: VV024094.D
Acq: 19 Dec 2021 17:27

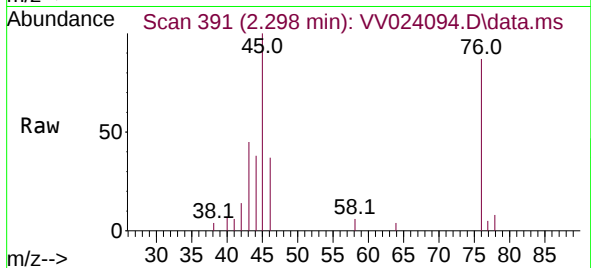
Tgt Ion: 43 Resp: 5272
Ion Ratio Lower Upper
43 100
58 13.3 0.0 41.4



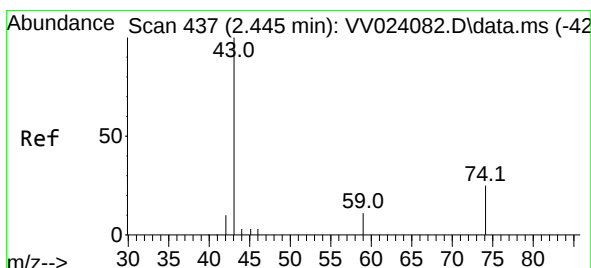
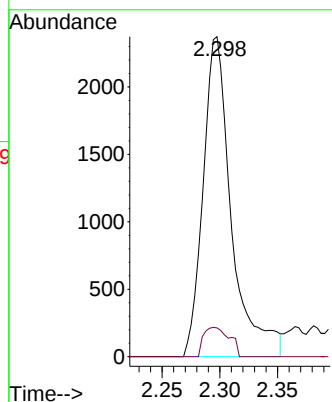
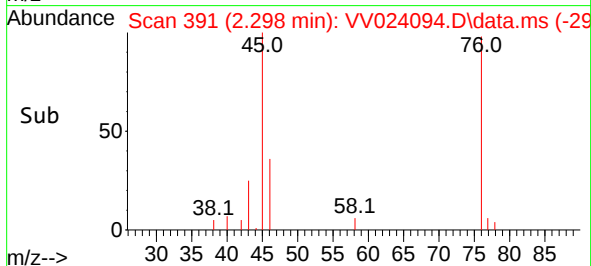


#14
Carbon disulfide
Concen: 0.222 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV024094.D
Acq: 19 Dec 2021 17:27

Instrument :
MSVOA_V
ClientSampleId :

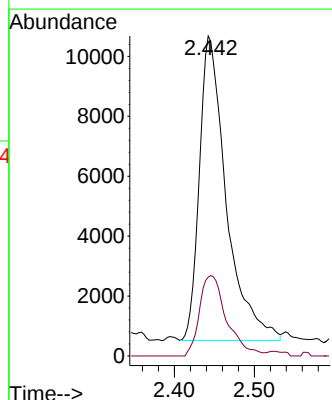
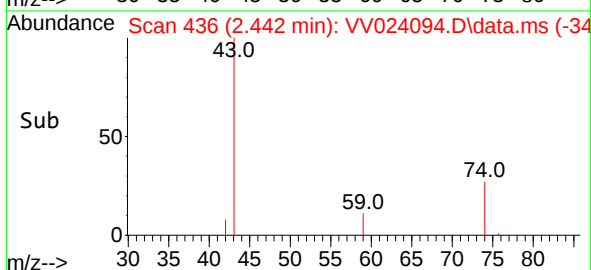
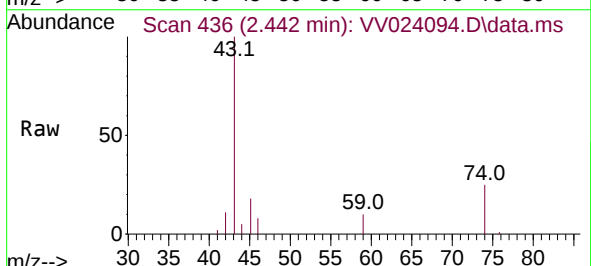


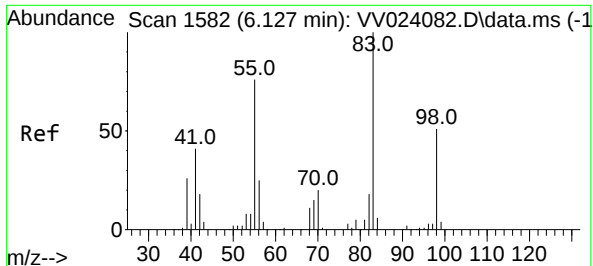
Tgt Ion: 76 Resp: 4044
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#15
Methyl Acetate
Concen: 12.470 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.003 min
Lab File: VV024094.D
Acq: 19 Dec 2021 17:27

Tgt Ion: 43 Resp: 23803
Ion Ratio Lower Upper
43 100
74 26.6 20.2 30.2





#35

Methylcyclohexane

Concen: 0.878 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.054 min

Lab File: VV024094.D

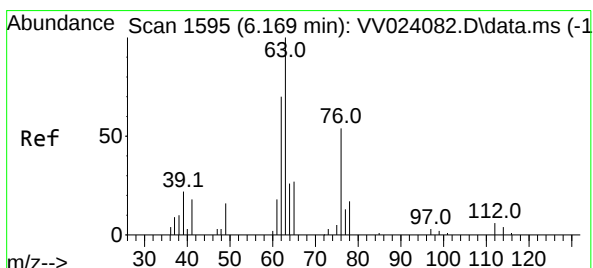
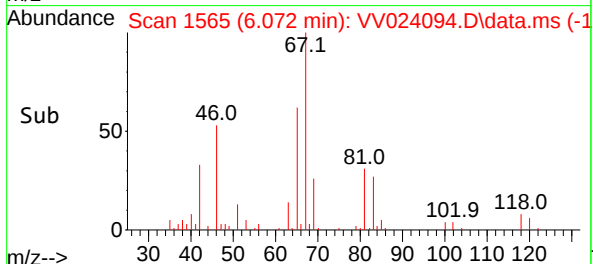
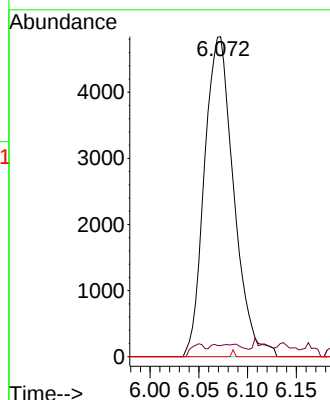
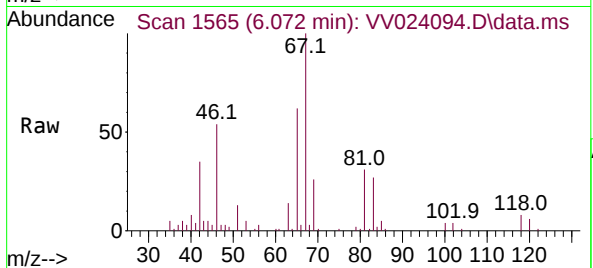
Acq: 19 Dec 2021 17:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 10142
Ion Ratio	Lower Upper
83 100	
55 0.5	60.2 90.2#
98 0.2	41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.740 ug/L

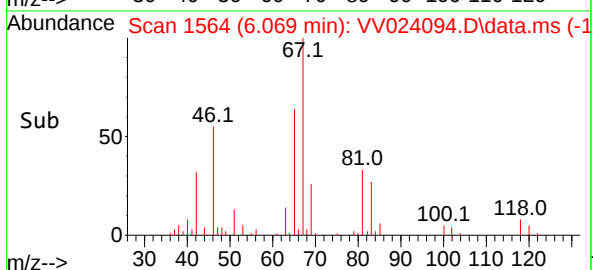
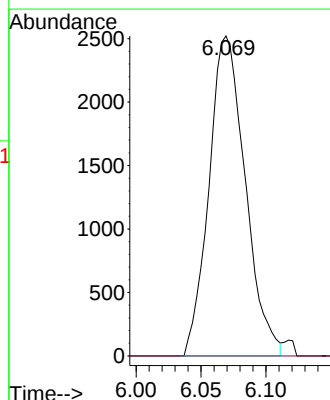
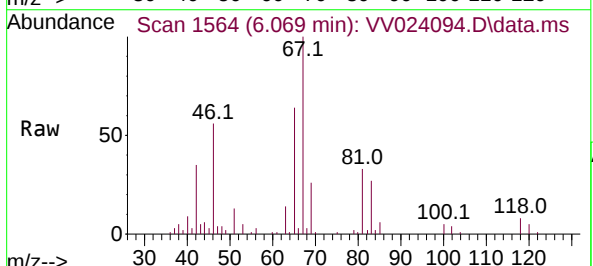
RT: 6.069 min Scan# 1564

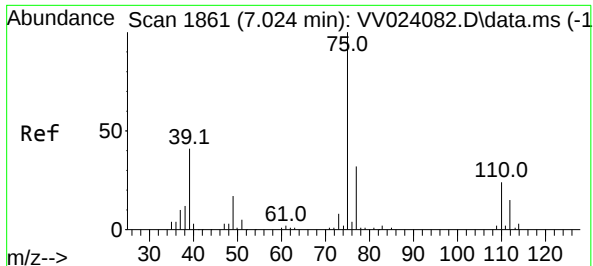
Delta R.T. -0.099 min

Lab File: VV024094.D

Acq: 19 Dec 2021 17:27

Tgt Ion: 63	Resp: 4892
Ion Ratio	Lower Upper
63 100	
112 0.0	4.3 6.5#





#39

cis-1,3-Dichloropropene

Concen: 0.117 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV024094.D

Acq: 19 Dec 2021 17:27

Instrument :

MSVOA_V

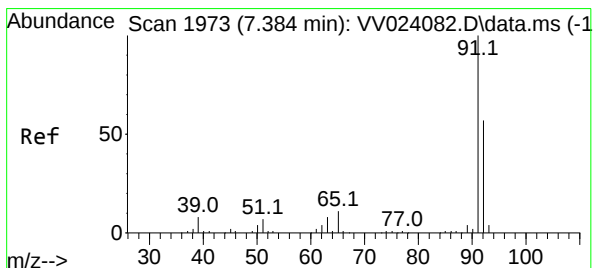
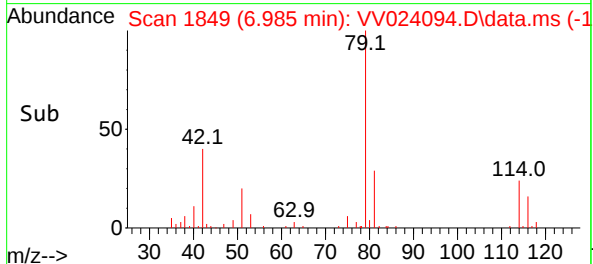
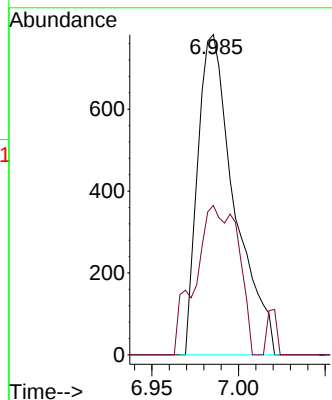
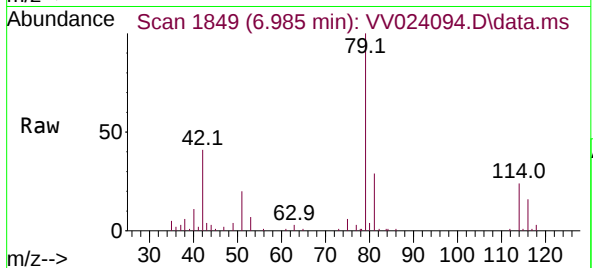
ClientSampleId :

Tgt Ion: 75 Resp: 1150

Ion Ratio Lower Upper

75 100

77 46.7 22.0 41.0#



#42

Toluene

Concen: 0.068 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.016 min

Lab File: VV024094.D

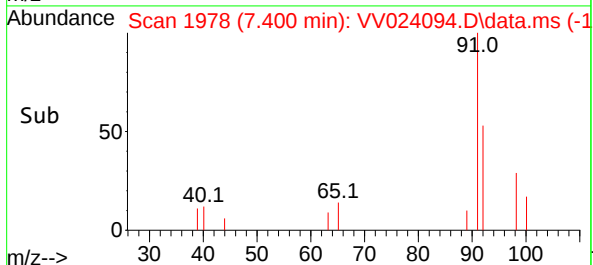
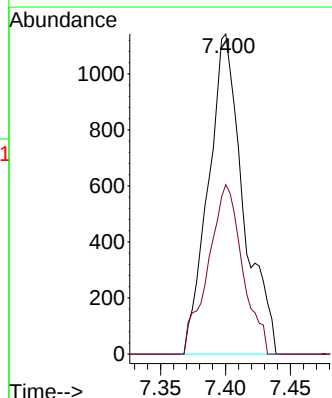
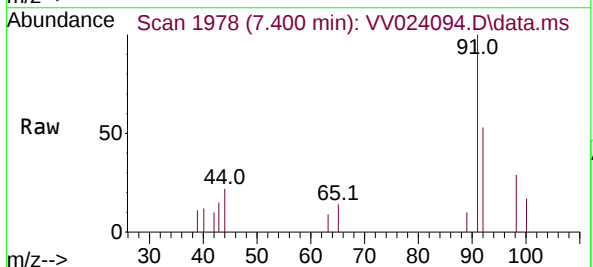
Acq: 19 Dec 2021 17:27

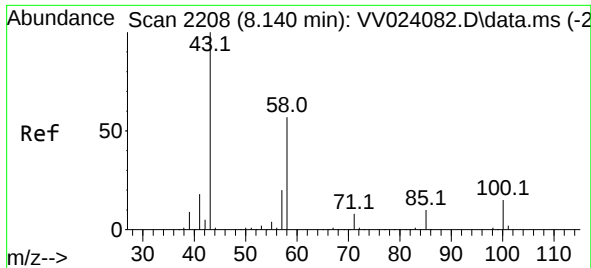
Tgt Ion: 91 Resp: 2130

Ion Ratio Lower Upper

91 100

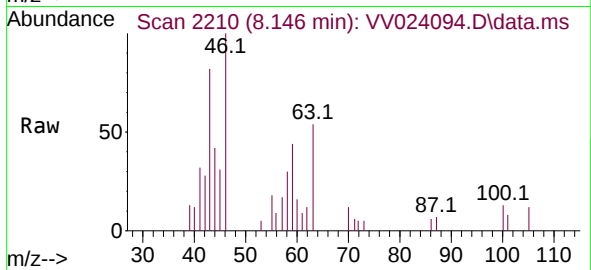
92 52.9 41.5 77.1



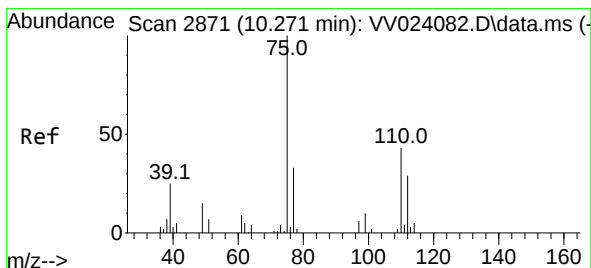
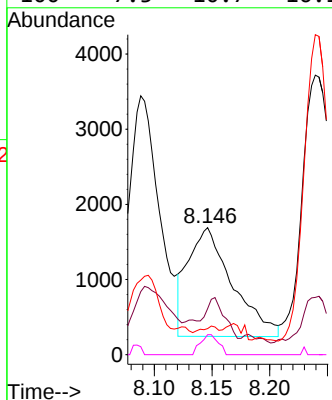
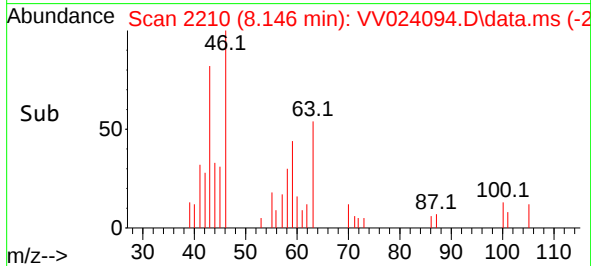


#48
2-Hexanone
Concen: 1.678 ug/L
RT: 8.146 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV024094.D
Acq: 19 Dec 2021 17:27

Instrument :
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ClientSampleId :

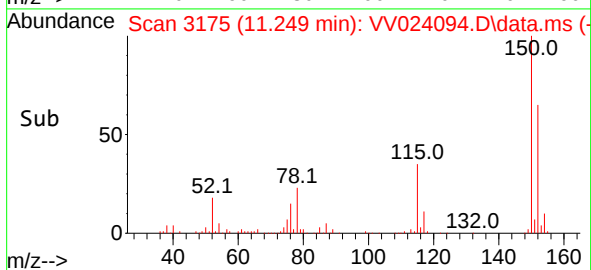
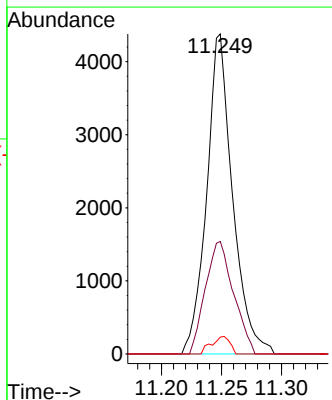
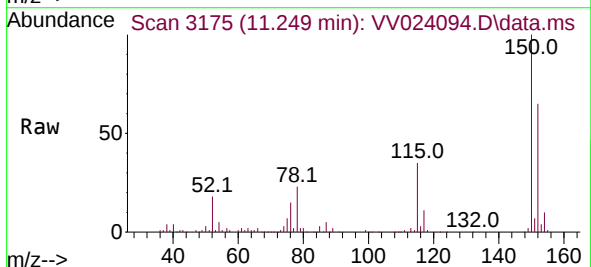


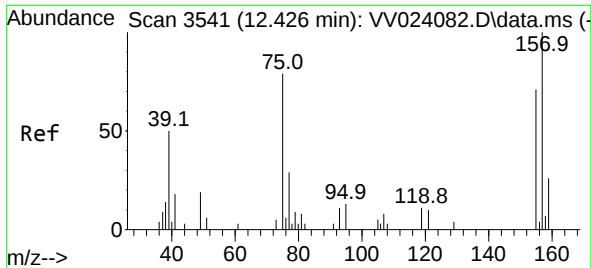
Tgt Ion: 43	Resp: 3865
Ion Ratio	Lower Upper
43 100	
58 29.3	44.5 66.7#
57 0.0	15.1 22.7#
100 7.3	10.7 16.1#



#61
1,2,3-Trichloropropane
Concen: 1.601 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.978 min
Lab File: VV024094.D
Acq: 19 Dec 2021 17:27

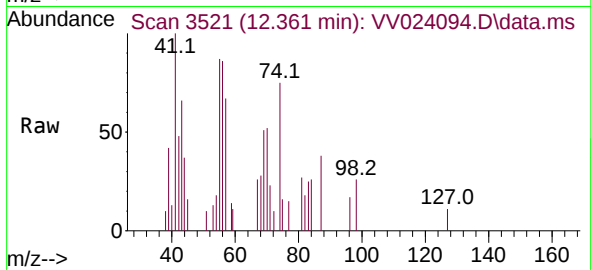
Tgt Ion: 75	Resp: 6577		
Ion Ratio	Lower	Upper	
75 100			
77 38.1	26.4	39.6	
110 3.9	34.2	51.2#	





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.245 ug/L
 RT: 12.361 min Scan# 31
 Delta R.T. -0.064 min
 Lab File: VV024094.D
 Acq: 19 Dec 2021 17:27

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 220
 Ion Ratio Lower Upper
 75 100
 155 0.0 71.7 107.5#
 157 0.0 103.3 154.9#

