

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110921\
 Data File : VW023310.D
 Acq On : 09 Nov 2021 17:56
 Operator : SY/MD
 Sample : M4534-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 10 00:44:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 10 00:38:37 2021
 Response via : Initial Calibration

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

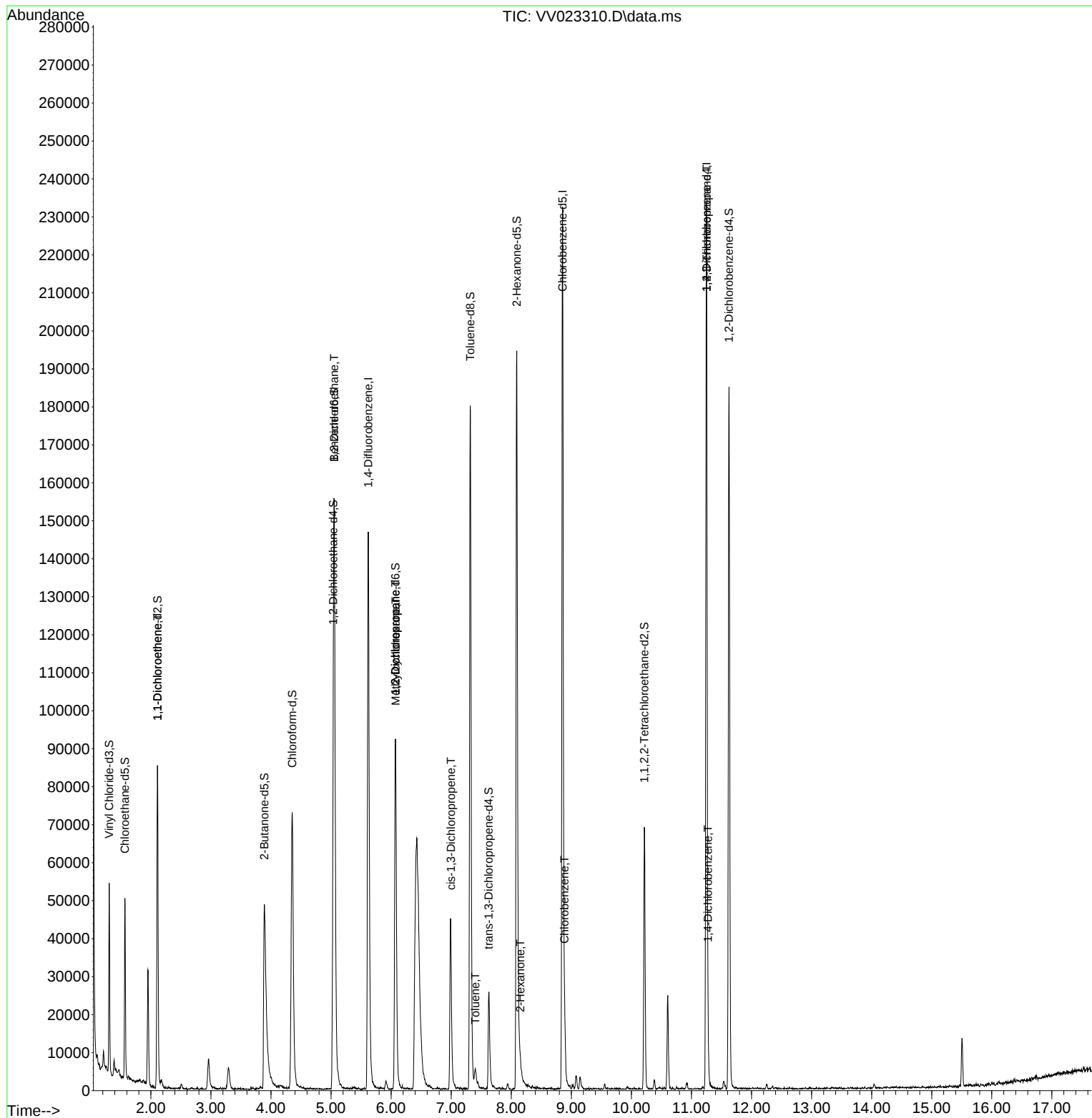
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	131204	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	130815	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64743	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	29806	3.626	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	72.600%	
7) Chloroethane-d5	1.568	69	28379	4.236	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.800%	
11) 1,1-Dichloroethene-d2	2.111	63	43348	2.817	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	56.400%#	
20) 2-Butanone-d5	3.889	46	92886	65.595	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	131.180%#	
24) Chloroform-d	4.352	84	75150	4.290	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.800%	
26) 1,2-Dichloroethane-d4	5.037	65	36449	4.627	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.600%	
32) Benzene-d6	5.053	84	140369	4.182	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.600%	
36) 1,2-Dichloropropane-d6	6.072	67	44883	4.543	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.800%	
41) Toluene-d8	7.317	98	121112	3.851	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.000%	
43) trans-1,3-Dichloroprop...	7.625	79	15900	4.244	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.800%	
46) 2-Hexanone-d5	8.092	63	64279	46.632	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.260%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32648	4.595	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	49046	4.550	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.000%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.111	96	492	0.063	ug/L #	1
27) 1,2-Dichloroethane	5.053	62	866	0.094	ug/L #	72
35) Methylcyclohexane	6.076	83	11613	0.757	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	4933	0.578	ug/L #	83
39) cis-1,3-Dichloropropene	6.995	75	1220	0.099	ug/L #	72
42) Toluene	7.400	91	4165	0.107	ug/L	91
48) 2-Hexanone	8.153	43	2826	1.019	ug/L #	57
51) Chlorobenzene	8.886	112	10461	0.402	ug/L	96
61) 1,2,3-Trichloropropane	11.252	75	7715	1.794	ug/L #	64
65) 1,4-Dichlorobenzene	11.275	146	2975	0.153	ug/L	93

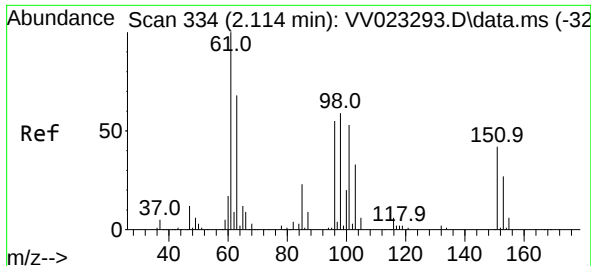
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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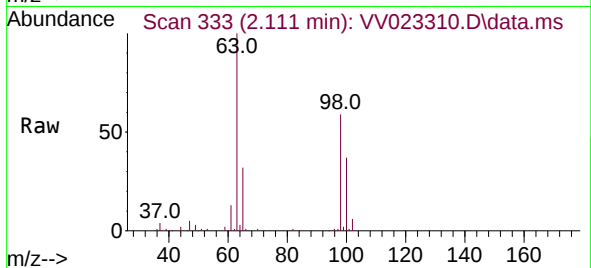
Quant Time: Nov 10 00:44:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
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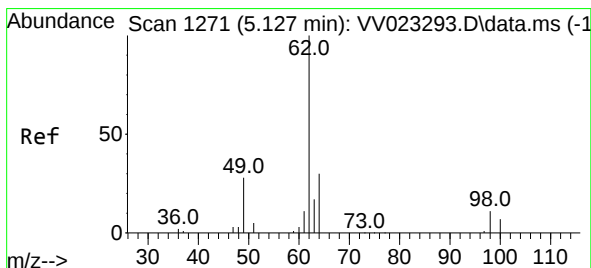
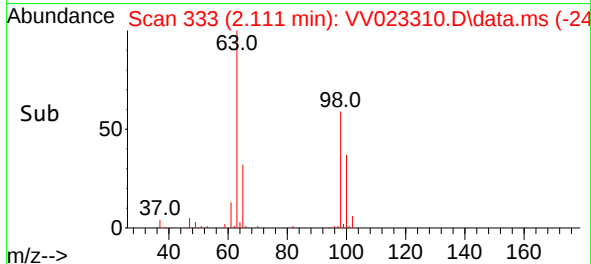
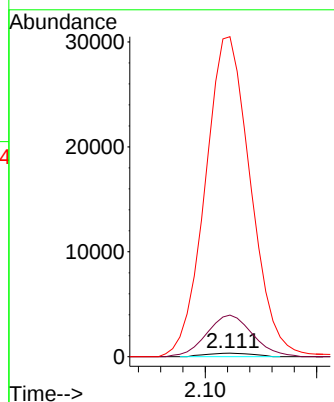


#12
1,1-Dichloroethene
Concen: 0.063 ug/L
RT: 2.111 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV023310.D
Acq: 09 Nov 2021 17:56

Instrument :
MSVOA_V
ClientSampleId :

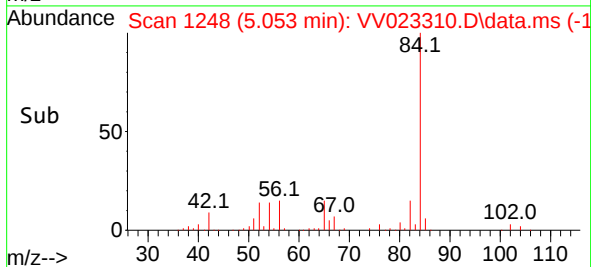
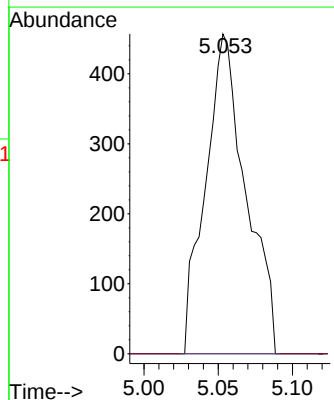
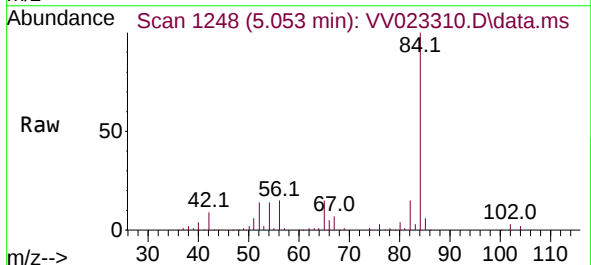


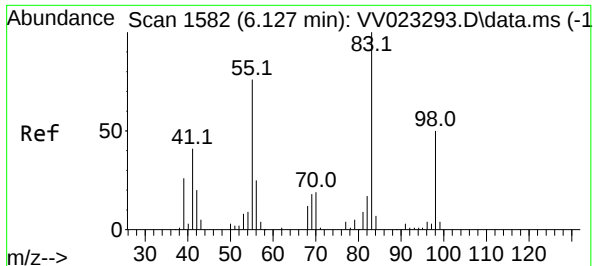
Tgt Ion: 96 Resp: 492
Ion Ratio Lower Upper
96 100
61 1187.7 121.5 225.7#
63 9132.9 99.6 185.0#



#27
1,2-Dichloroethane
Concen: 0.094 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.074 min
Lab File: VV023310.D
Acq: 09 Nov 2021 17:56

Tgt Ion: 62 Resp: 866
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#





#35

Methylcyclohexane

Concen: 0.757 ug/L

RT: 6.076 min Scan# 11

Delta R.T. -0.051 min

Lab File: VV023310.D

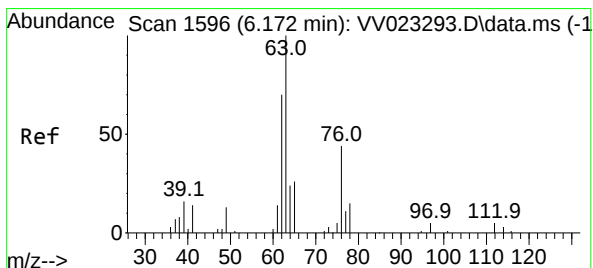
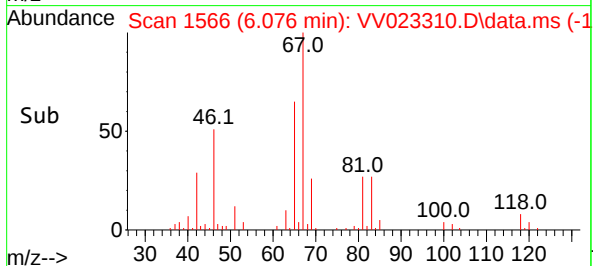
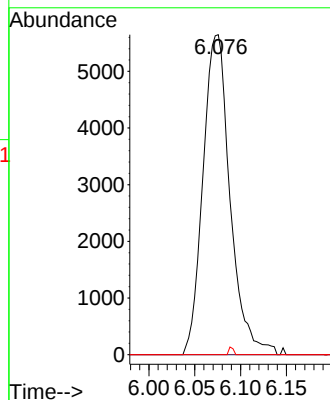
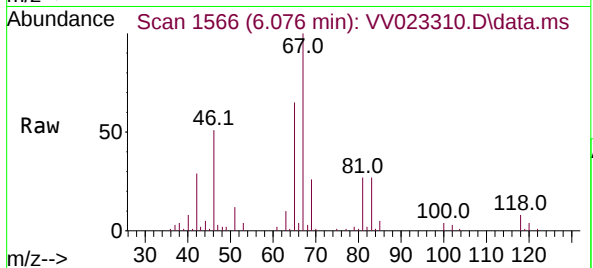
Acq: 09 Nov 2021 17:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 11613
Ion Ratio	Lower Upper
83 100	
55 0.0	62.8 94.2#
98 0.4	37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.578 ug/L

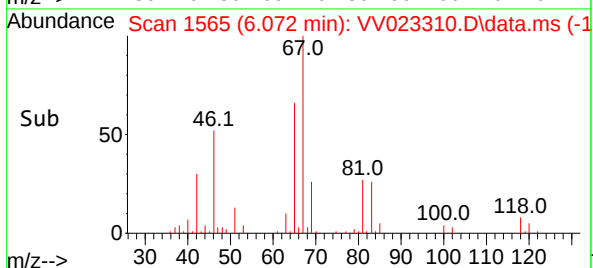
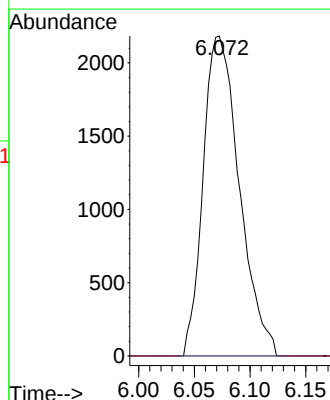
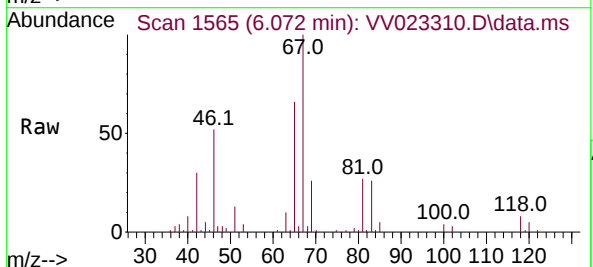
RT: 6.072 min Scan# 1565

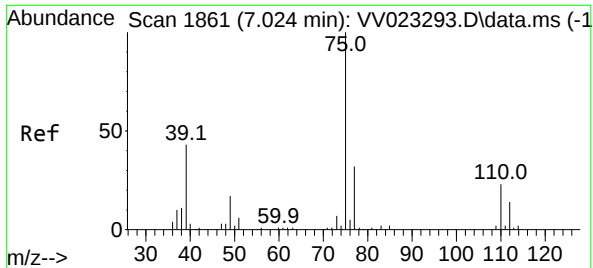
Delta R.T. -0.100 min

Lab File: VV023310.D

Acq: 09 Nov 2021 17:56

Tgt Ion: 63	Resp: 4933
Ion Ratio	Lower Upper
63 100	
112 0.0	4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 6.995 min Scan# 1861

Delta R.T. -0.029 min

Lab File: VV023310.D

Acq: 09 Nov 2021 17:56

Instrument :

MSVOA_V

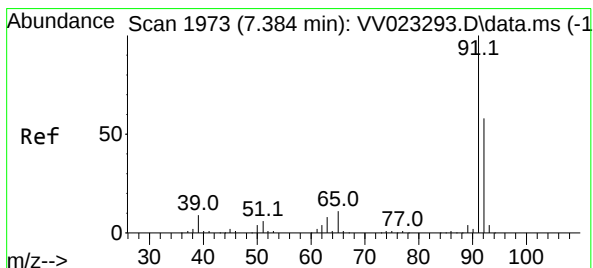
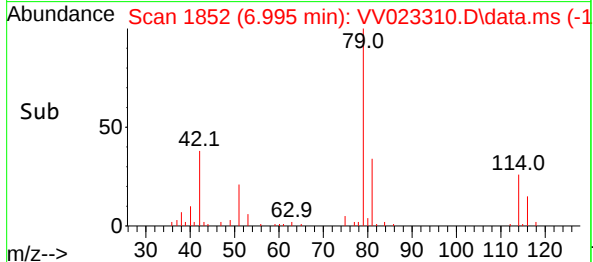
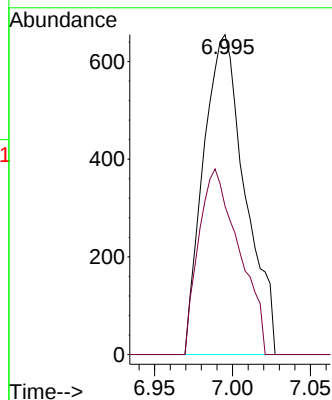
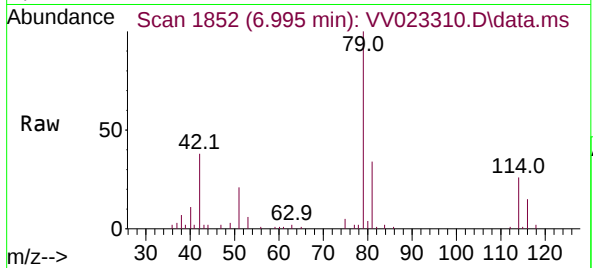
ClientSampleId :

Tgt Ion: 75 Resp: 1220

Ion Ratio Lower Upper

75 100

77 46.4 21.6 40.2#



#42

Toluene

Concen: 0.107 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.016 min

Lab File: VV023310.D

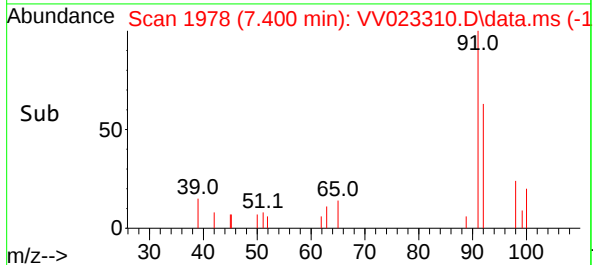
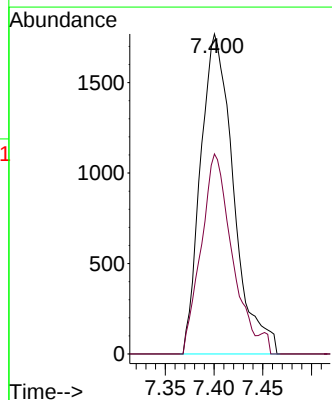
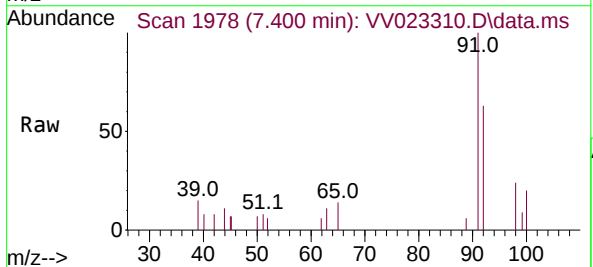
Acq: 09 Nov 2021 17:56

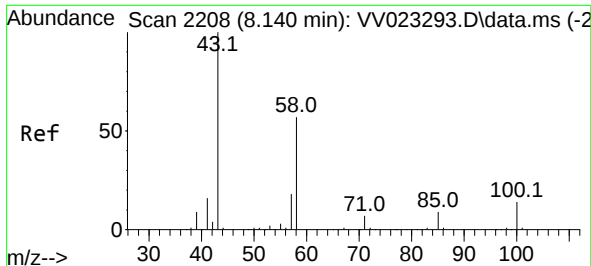
Tgt Ion: 91 Resp: 4165

Ion Ratio Lower Upper

91 100

92 62.5 39.3 72.9

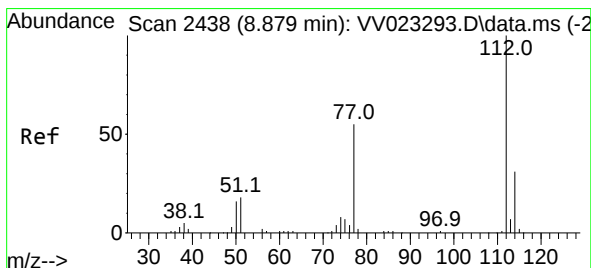
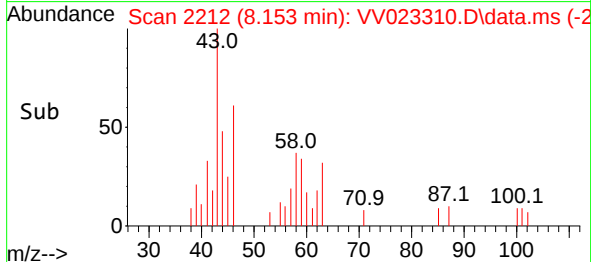
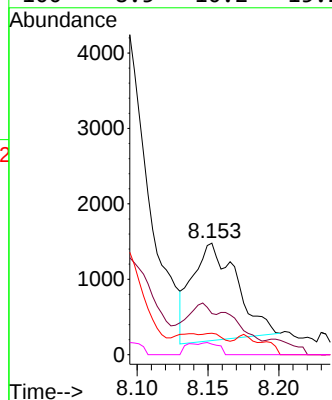
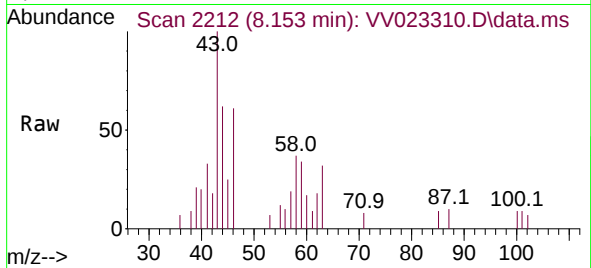




#48
2-Hexanone
Concen: 1.019 ug/L
RT: 8.153 min Scan# 211
Delta R.T. 0.013 min
Lab File: VV023310.D
Acq: 09 Nov 2021 17:56

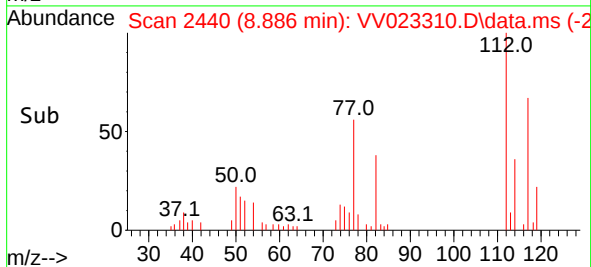
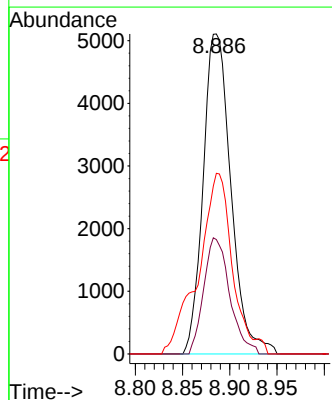
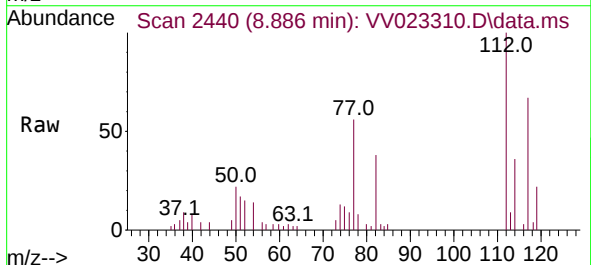
Instrument :
MSVOA_V
ClientSampleId :

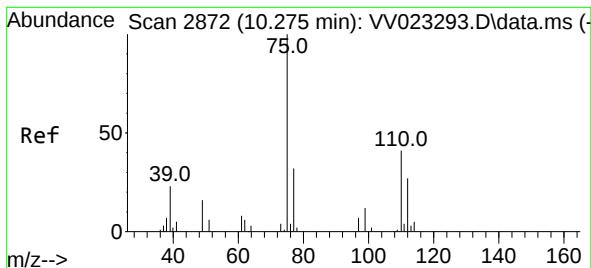
Tgt Ion: 43	Resp: 2826
Ion Ratio	Lower Upper
43 100	
58 11.2	43.7 65.5#
57 12.9	14.1 21.1#
100 8.5	10.2 15.2#



#51
Chlorobenzene
Concen: 0.402 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.006 min
Lab File: VV023310.D
Acq: 09 Nov 2021 17:56

Tgt	Ion:112	Resp:	10461
Ion	Ratio	Lower	Upper
112	100		
114	35.8	22.0	40.8
77	56.5	44.4	66.6





#61

1,2,3-Trichloropropane

Concen: 1.794 ug/L

RT: 11.252 min Scan# 3176

Delta R.T. 0.977 min

Lab File: VV023310.D

Acq: 09 Nov 2021 17:56

Instrument :

MSVOA_V

ClientSampleId :

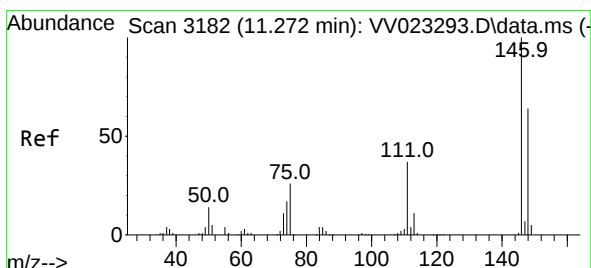
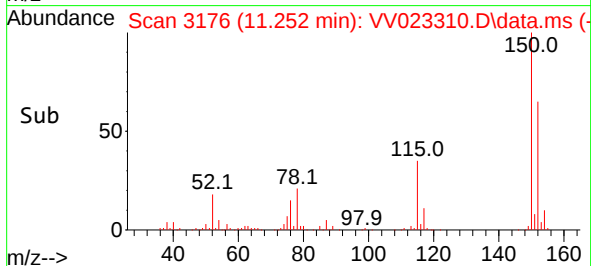
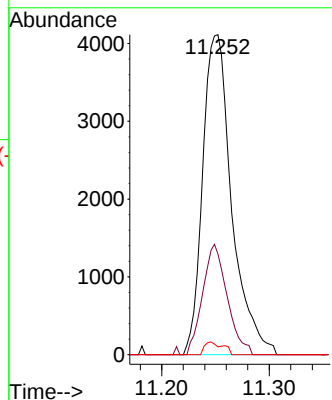
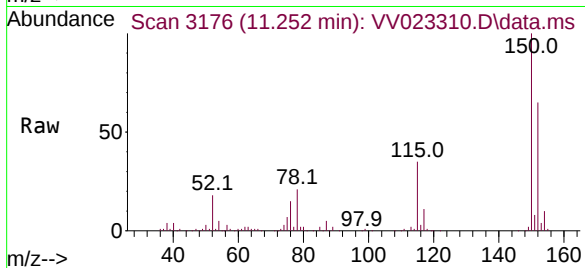
Tgt Ion: 75 Resp: 7715

Ion Ratio Lower Upper

75 100

77 29.2 26.6 39.8

110 2.5 31.8 47.6#



#65

1,4-Dichlorobenzene

Concen: 0.153 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. 0.003 min

Lab File: VV023310.D

Acq: 09 Nov 2021 17:56

Tgt Ion: 146 Resp: 2975

Ion Ratio Lower Upper

146 100

111 40.0 26.2 48.8

148 70.3 44.4 82.5

