

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101121\
 Data File : VW022733.D
 Acq On : 11 Oct 2021 16:40
 Operator : SY/MD
 Sample : M4109-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 12 03:41:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 12 03:20:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	115239	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	118087	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	50870	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	30629	3.863	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.200%
7) Chloroethane-d5	1.564	69	32560	4.570	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.105	63	47644	3.063	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.200%
20) 2-Butanone-d5	3.921	46	63453	30.522	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	61.040%
24) Chloroform-d	4.349	84	70314	4.303	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.034	65	35133	4.430	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	5.047	84	136246	3.876	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.600%
36) 1,2-Dichloropropane-d6	6.072	67	45467	4.367	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.400%
41) Toluene-d8	7.317	98	113397	3.731	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.600%
43) trans-1,3-Dichloroprop...	7.625	79	13539	3.920	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.098	63	56126	40.328	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.660%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	27315	3.873	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	49712	5.271	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	482	0.057	ug/L	99
12) 1,1-Dichloroethene	2.105	96	613	0.088	ug/L #	1
13) Acetone	2.195	43	17136	14.782	ug/L	83
14) Carbon disulfide	2.285	76	984	0.050	ug/L #	67
15) Methyl Acetate	2.195	43	17136	5.166	ug/L #	50
22) cis-1,2-Dichloroethene	3.915	96	1053	0.132	ug/L	82
25) Chloroform	4.378	83	6014	0.381	ug/L	96
27) 1,2-Dichloroethane	5.050	62	805	0.102	ug/L #	69
34) Trichloroethene	5.911	95	263790	30.501	ug/L	99
35) Methylcyclohexane	6.072	83	10996	0.907	ug/L #	16
37) 1,2-Dichloropropane	6.072	63	4840	0.633	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	849	0.084	ug/L #	81
42) Toluene	7.400	91	2153	0.067	ug/L	85
47) Tetrachloroethene	7.976	164	28335	4.051	ug/L	97
48) 2-Hexanone	8.149	43	15105	5.027	ug/L #	85
49) Dibromochloromethane	7.976	129	25265	3.802	ug/L #	7
61) 1,2,3-Trichloropropane	11.249	75	5401	1.528	ug/L #	61

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 12 03:20:38 2021
Response via : Initial Calibration

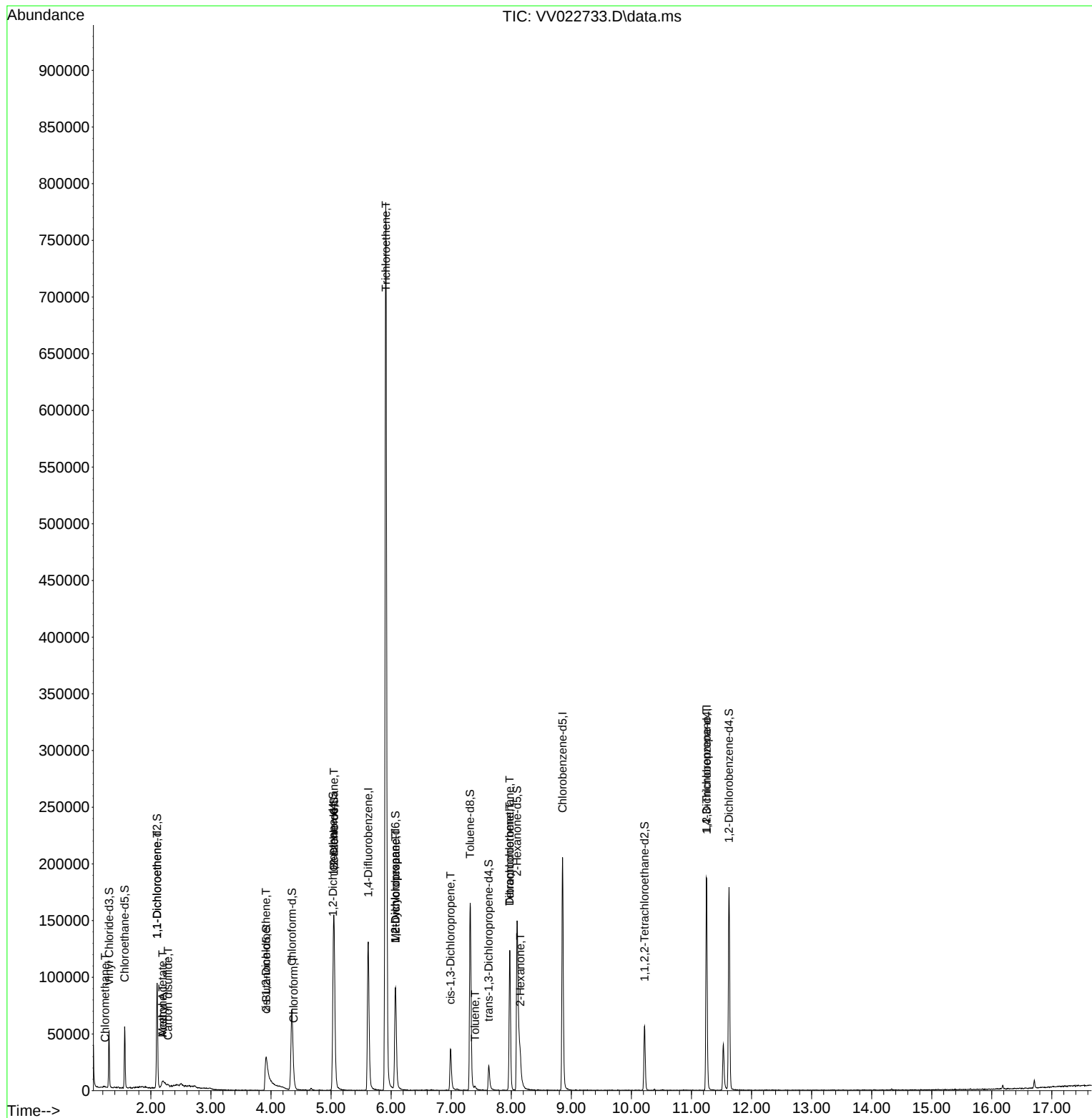
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

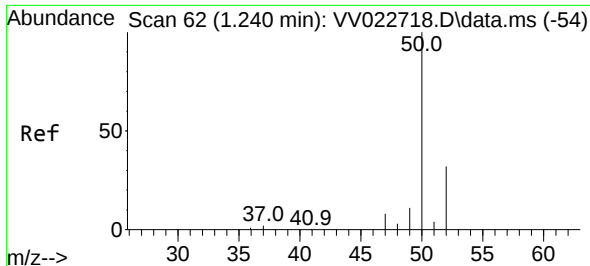
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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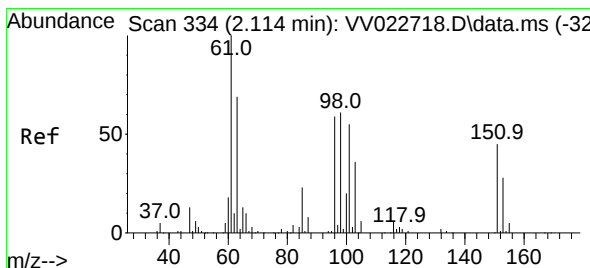
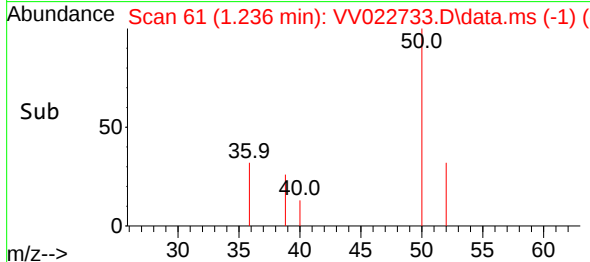
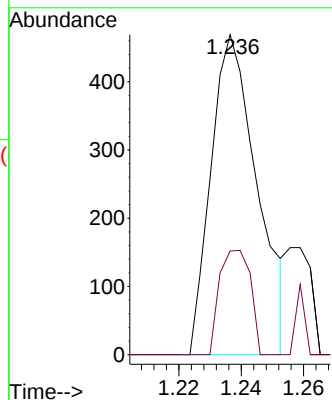
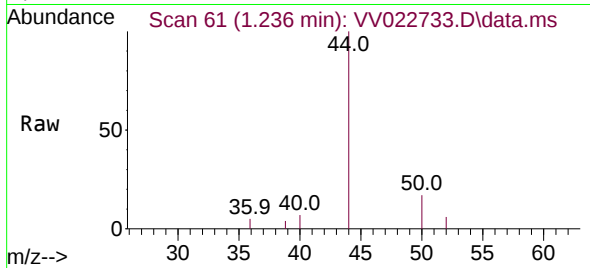




#3
Chloromethane
Concen: 0.057 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV022733.D
Acq: 11 Oct 2021 16:40

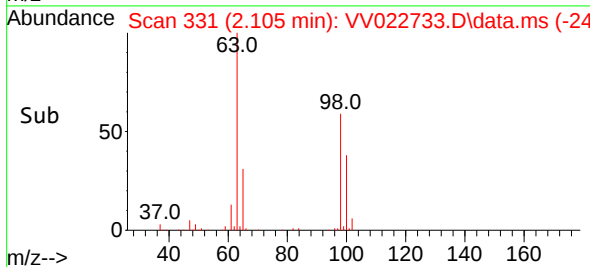
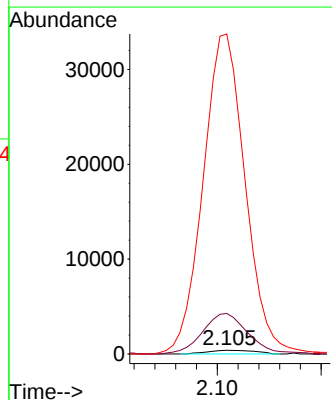
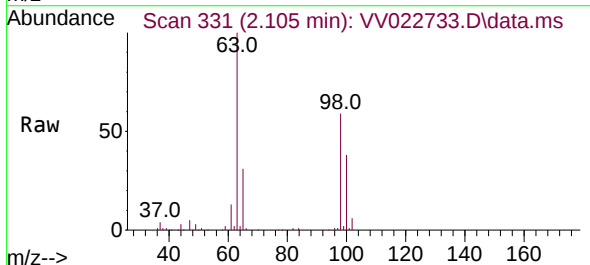
Instrument :
MSVOA_V
ClientSampled :

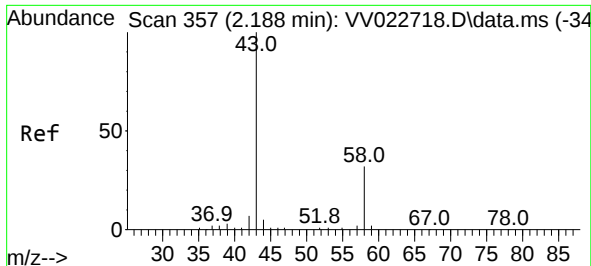
Tgt Ion: 50 Resp: 482
Ion Ratio Lower Upper
50 100
52 32.4 22.9 42.5



#12
1,1-Dichloroethene
Concen: 0.088 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.010 min
Lab File: VV022733.D
Acq: 11 Oct 2021 16:40

Tgt Ion: 96 Resp: 613
Ion Ratio Lower Upper
96 100
61 1114.6 127.3 236.5#
63 8810.4 106.2 197.2#

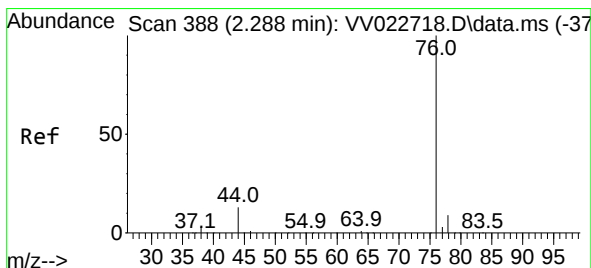
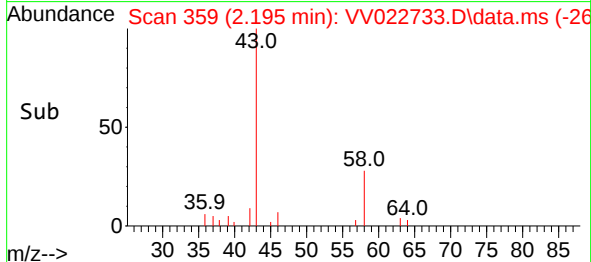
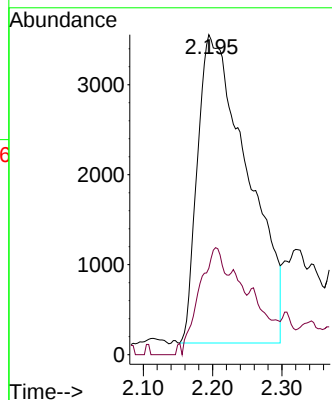
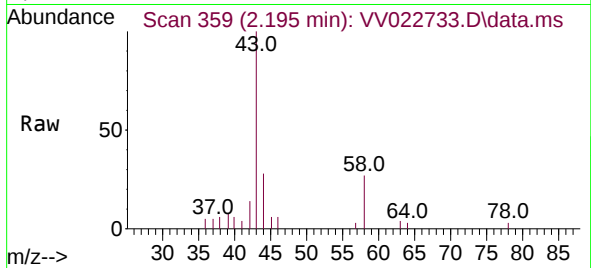




#13
Acetone
Concen: 14.782 ug/L
RT: 2.195 min Scan# 359
Delta R.T. 0.006 min
Lab File: VV022733.D
Acq: 11 Oct 2021 16:40

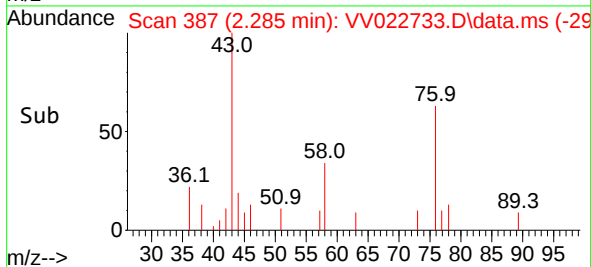
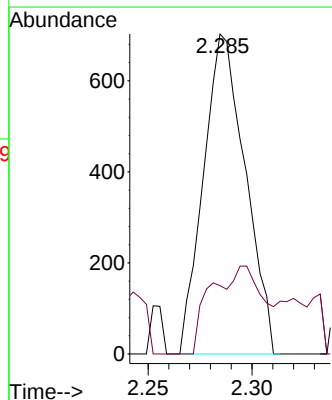
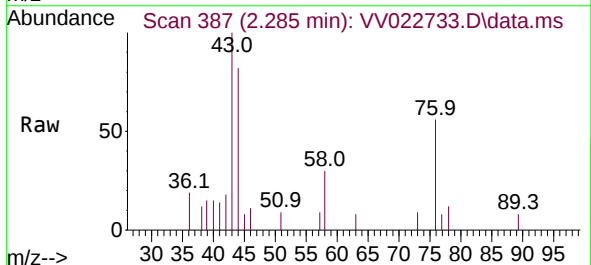
Instrument :
MSVOA_V
ClientSampled :

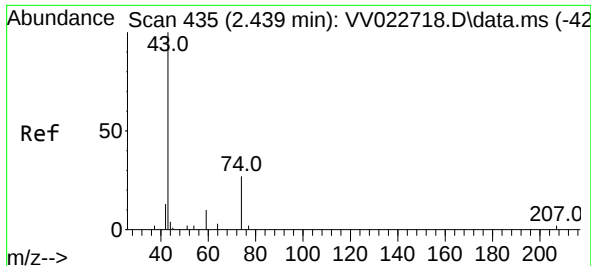
Tgt Ion: 43 Resp: 17136
Ion Ratio Lower Upper
43 100
58 18.6 0.0 24.2



#14
Carbon disulfide
Concen: 0.050 ug/L
RT: 2.285 min Scan# 387
Delta R.T. -0.003 min
Lab File: VV022733.D
Acq: 11 Oct 2021 16:40

Tgt Ion: 76 Resp: 984
Ion Ratio Lower Upper
76 100
78 21.3 7.4 11.0#

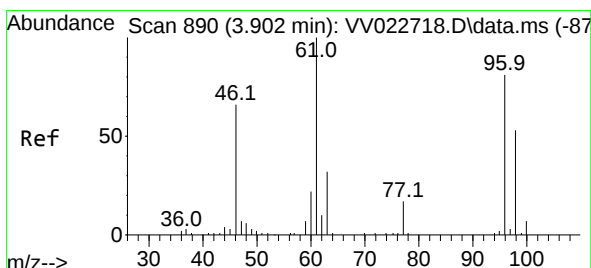
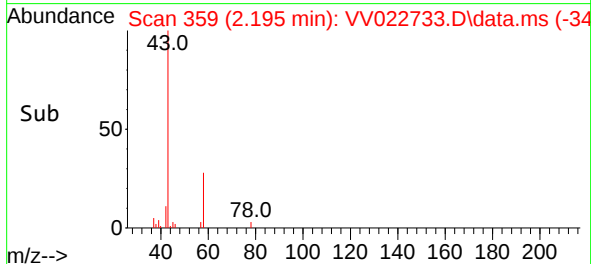
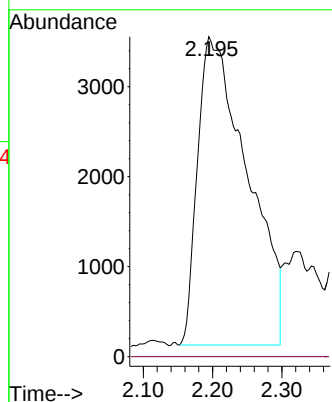
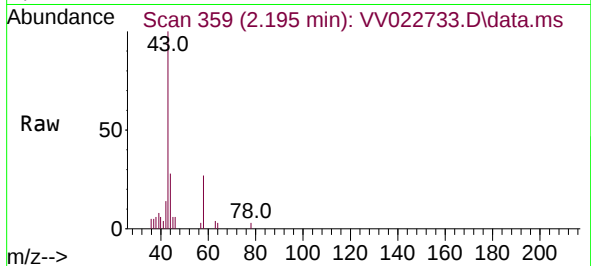




#15
Methyl Acetate
Concen: 5.166 ug/L
RT: 2.195 min Scan# 359
Delta R.T. -0.244 min
Lab File: VV022733.D
Acq: 11 Oct 2021 16:40

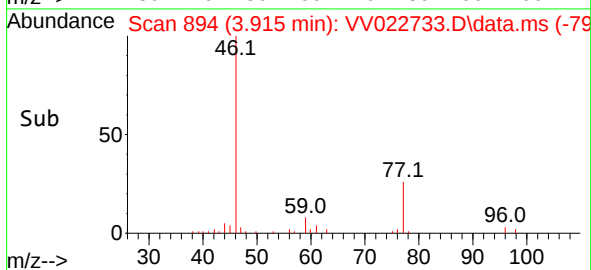
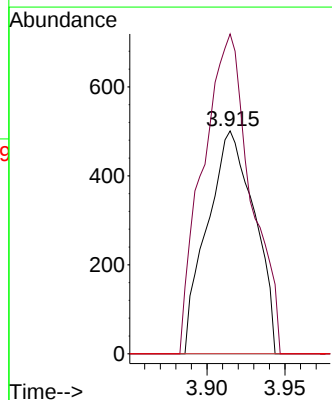
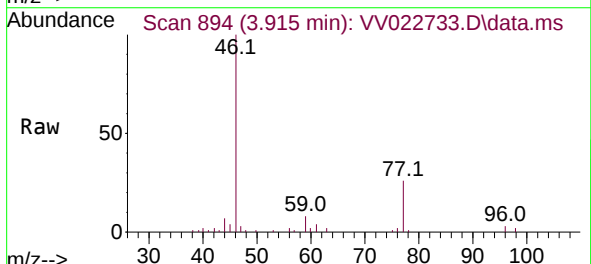
Instrument :
MSVOA_V
ClientSampled :

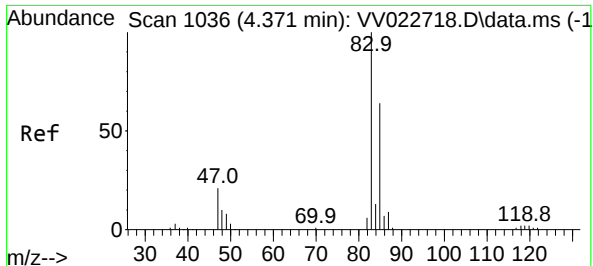
Tgt Ion: 43 Resp: 17136
Ion Ratio Lower Upper
43 100
74 0.0 19.9 29.9#



#22
cis-1,2-Dichloroethene
Concen: 0.132 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.013 min
Lab File: VV022733.D
Acq: 11 Oct 2021 16:40

Tgt Ion: 96 Resp: 1053
Ion Ratio Lower Upper
96 100
61 143.5 86.0 159.6
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.381 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VV022733.D

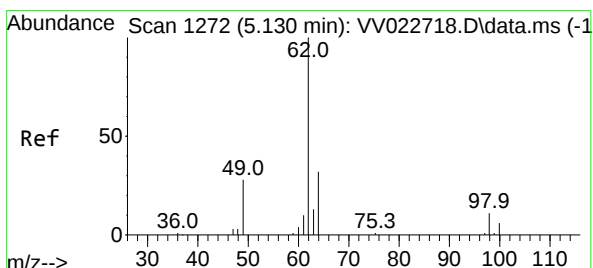
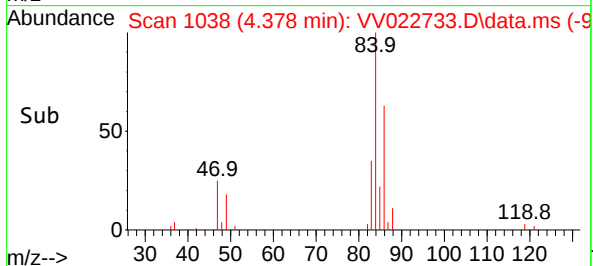
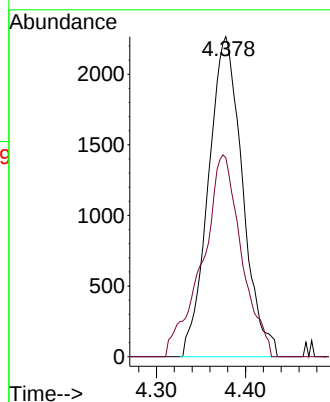
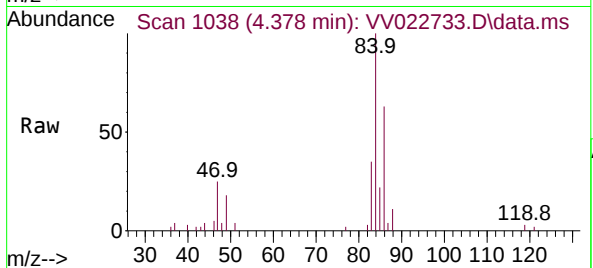
Acq: 11 Oct 2021 16:40

Tgt Ion: 83 Resp: 6014

Ion Ratio Lower Upper

83 100

85 62.2 45.7 84.9



#27

1,2-Dichloroethane

Concen: 0.102 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.080 min

Lab File: VV022733.D

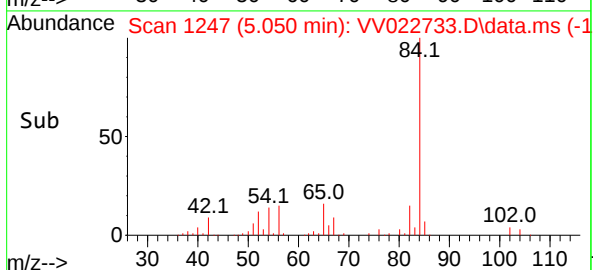
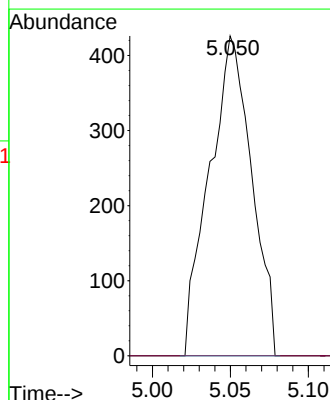
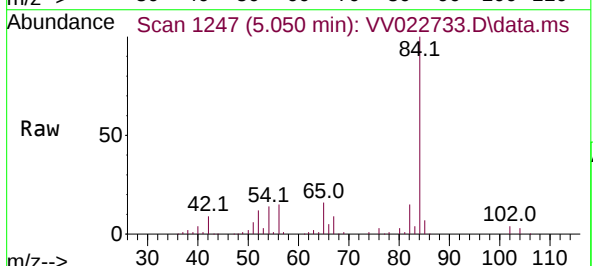
Acq: 11 Oct 2021 16:40

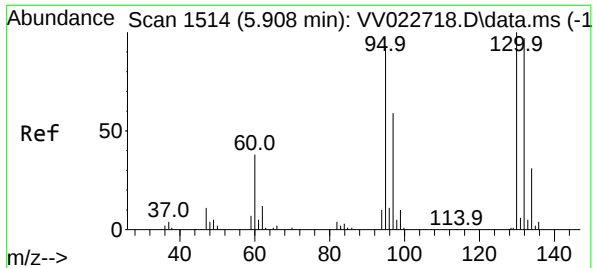
Tgt Ion: 62 Resp: 805

Ion Ratio Lower Upper

62 100

98 0.0 9.7 14.5#





#34

Trichloroethene

Concen: 30.501 ug/L

RT: 5.911 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VV022733.D

Acq: 11 Oct 2021 16:40

Tgt Ion: 95 Resp: 263790

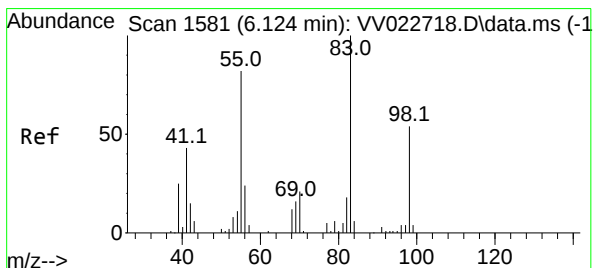
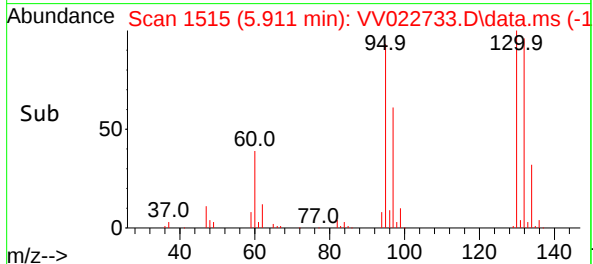
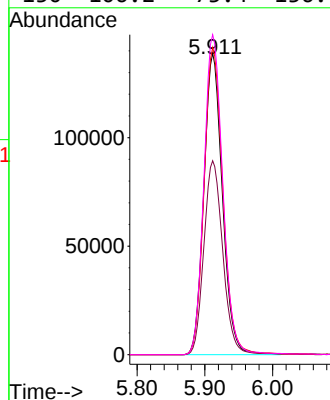
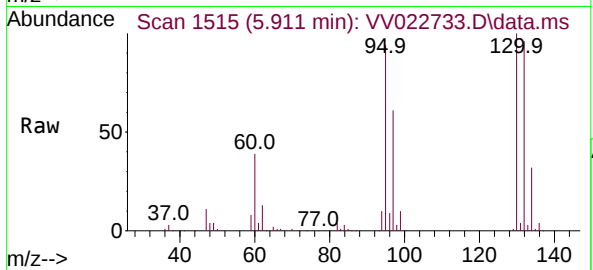
Ion Ratio Lower Upper

95 100

97 64.4 45.8 85.2

132 101.9 72.2 134.0

130 106.2 73.4 136.4



#35

Methylcyclohexane

Concen: 0.907 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.051 min

Lab File: VV022733.D

Acq: 11 Oct 2021 16:40

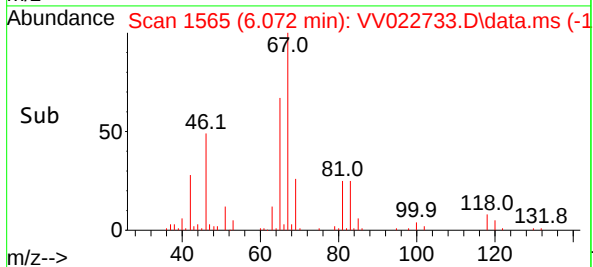
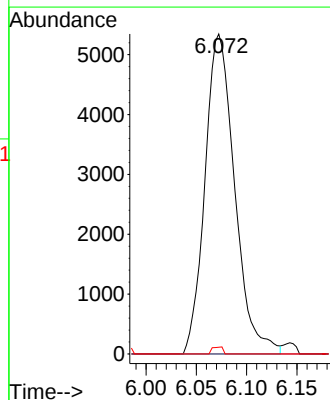
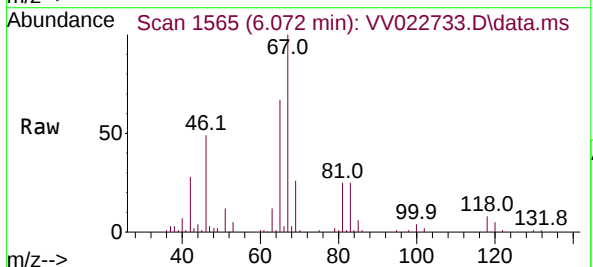
Tgt Ion: 83 Resp: 10996

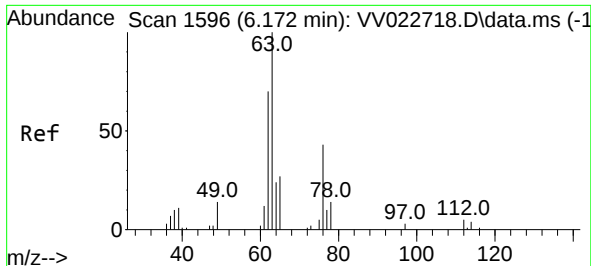
Ion Ratio Lower Upper

83 100

55 0.0 63.8 95.6#

98 0.0 42.1 63.1#



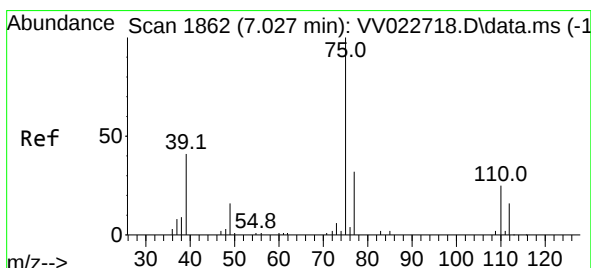
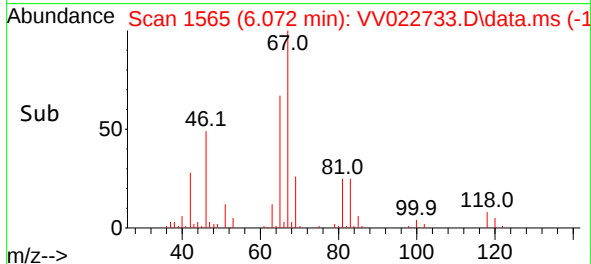
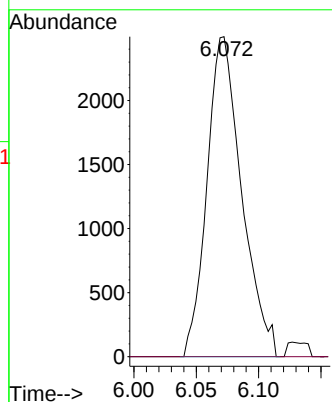
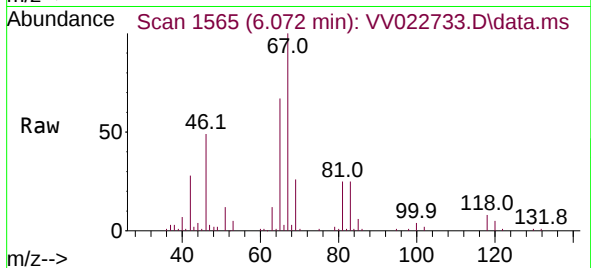


#37

1,2-Dichloropropane
Concen: 0.633 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022733.D
Acq: 11 Oct 2021 16:40

Instrument :
MSVOA_V
ClientSampled :

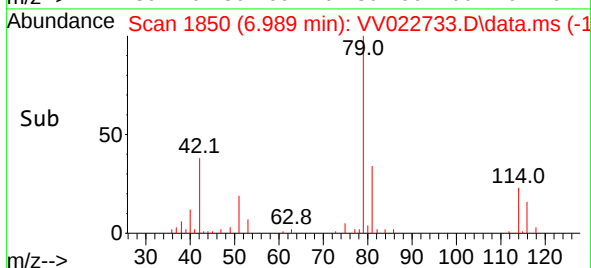
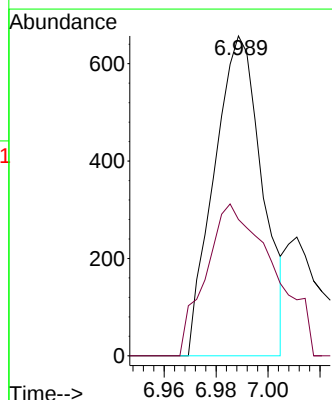
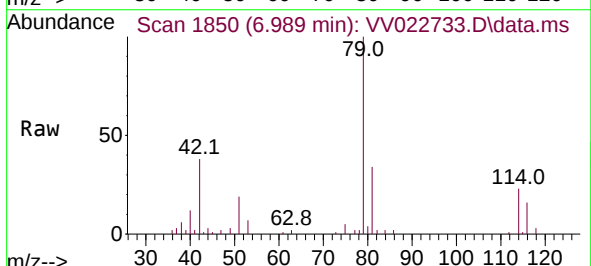
Tgt Ion: 63 Resp: 4840
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#

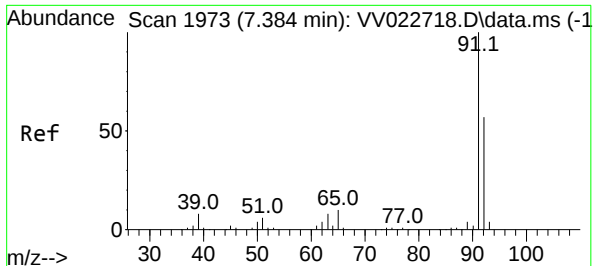


#39

cis-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV022733.D
Acq: 11 Oct 2021 16:40

Tgt Ion: 75 Resp: 849
Ion Ratio Lower Upper
75 100
77 42.6 22.3 41.3#

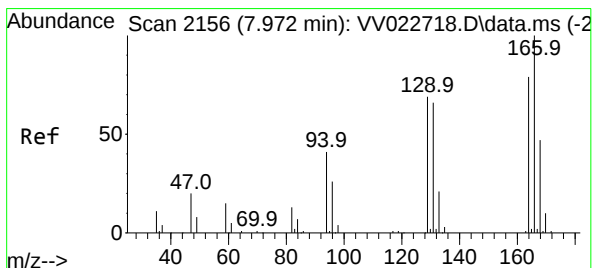
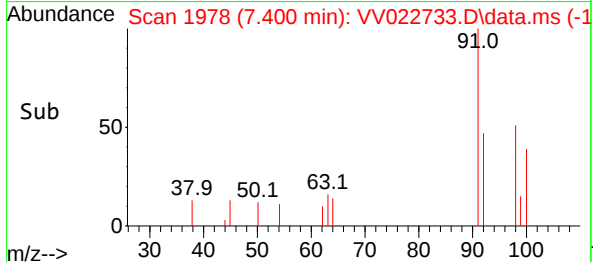
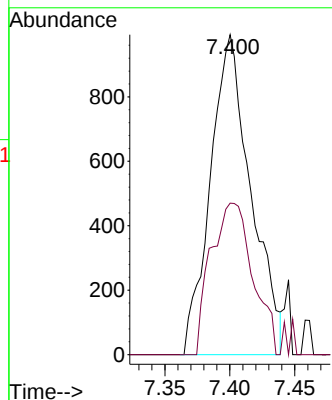
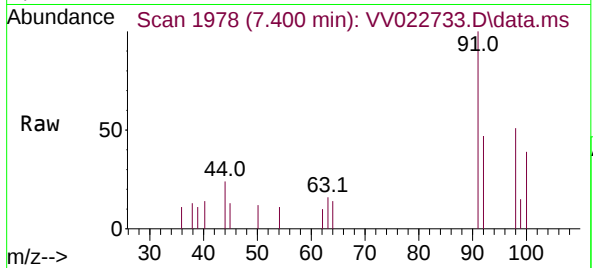




#42
Toluene
Concen: 0.067 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.016 min
Lab File: VV022733.D
Acq: 11 Oct 2021 16:40

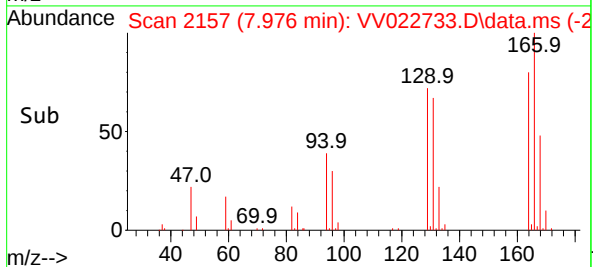
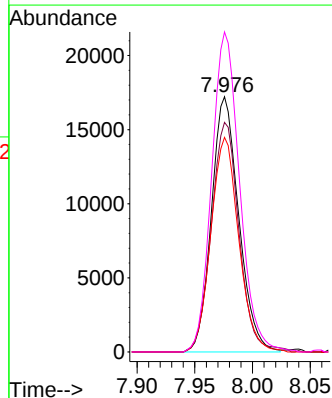
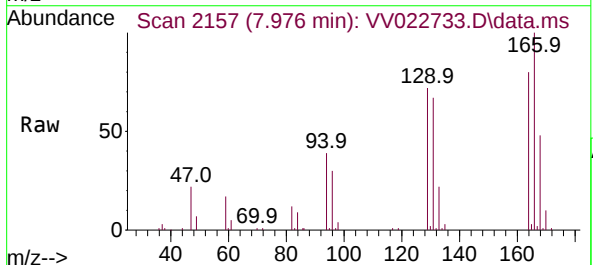
Instrument :
MSVOA_V
ClientSampled :

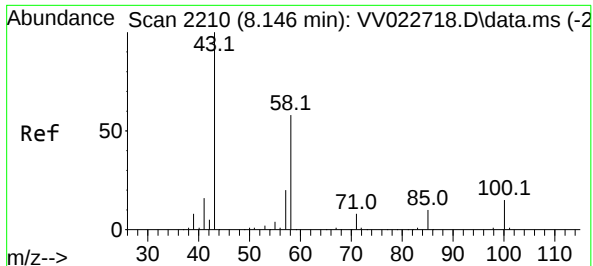
Tgt Ion: 91 Resp: 2153
Ion Ratio Lower Upper
91 100
92 47.3 40.7 75.7



#47
Tetrachloroethene
Concen: 4.051 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV022733.D
Acq: 11 Oct 2021 16:40

Tgt Ion: 164 Resp: 28335
Ion Ratio Lower Upper
164 100
129 90.0 65.0 120.6
131 84.1 62.2 115.4
166 125.4 89.2 165.8

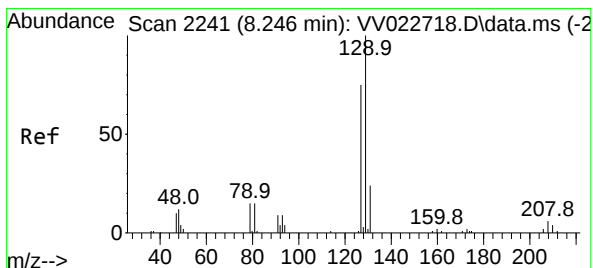
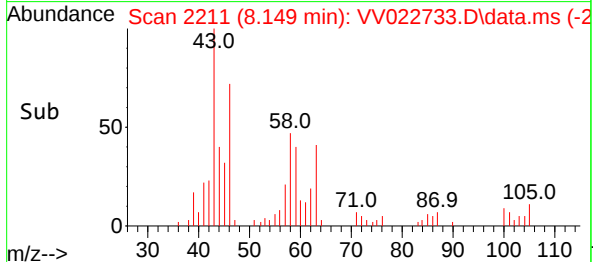
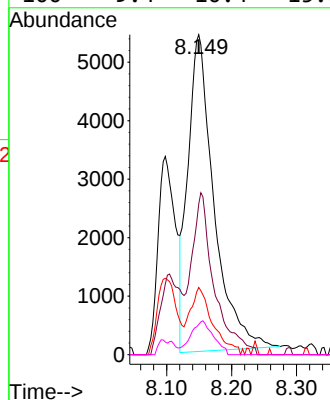
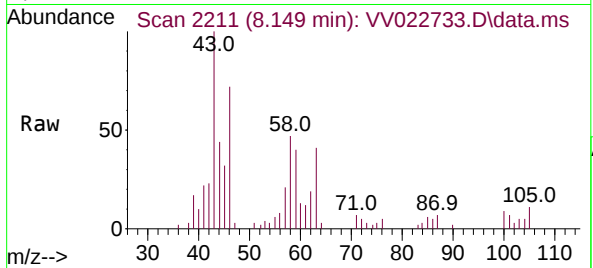




#48
2-Hexanone
Concen: 5.027 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.003 min
Lab File: VV022733.D
Acq: 11 Oct 2021 16:40

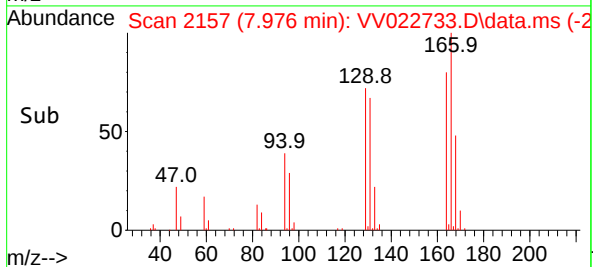
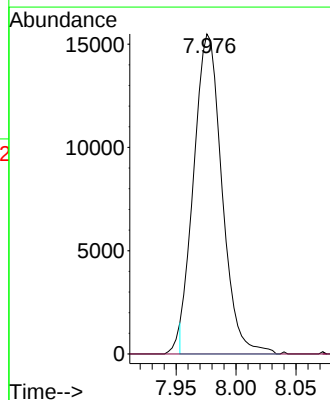
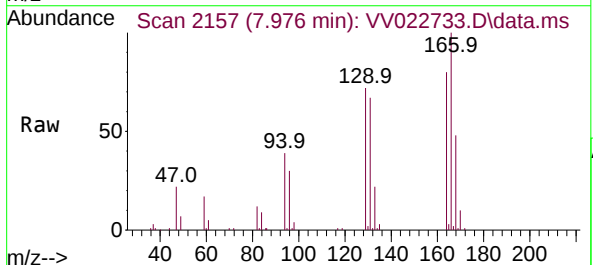
Instrument :
MSVOA_V
ClientSampled :

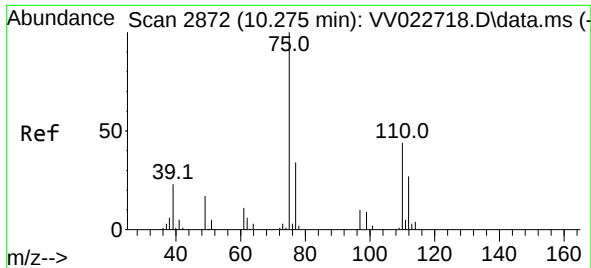
Tgt Ion:	43	Resp:	15105
Ion	Ratio	Lower	Upper
43	100		
58	44.2	47.4	71.0#
57	18.5	15.3	22.9
100	9.4	10.4	15.6#



#49
Dibromochloromethane
Concen: 3.802 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.270 min
Lab File: VV022733.D
Acq: 11 Oct 2021 16:40

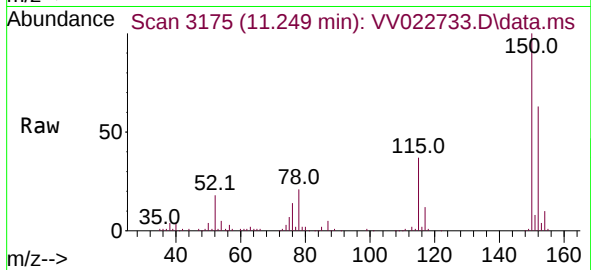
Tgt Ion:	129	Resp:	25265
Ion	Ratio	Lower	Upper
129	100		
127	0.0	59.1	109.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.528 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022733.D
 Acq: 11 Oct 2021 16:40

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	5401
Ion	Ratio	Lower	Upper
75	100		
77	34.8	25.4	38.2
110	1.5	34.2	51.4#

