

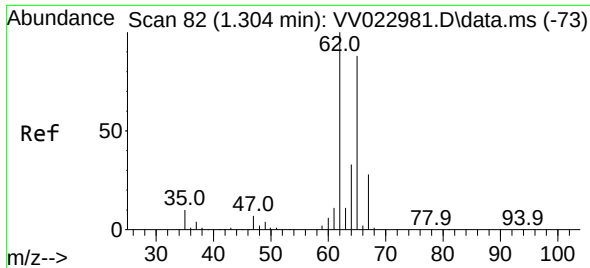
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102221\
 Data File : VV022993.D
 Acq On : 22 Oct 2021 17:41
 Operator : SY/MD
 Sample : M4265-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 23 01:30:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 23 01:14:46 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	128064	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	132059	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	54800	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	57660	5.153	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 103.000%		
7) Chloroethane-d5	1.565	69	38560	5.571	ug/L	-0.01
Spiked Amount	5.000	Range 65 - 130	Recovery	= 111.400%		
11) 1,1-Dichloroethene-d2	2.105	63	70111	4.343	ug/L	-0.02
Spiked Amount	5.000	Range 60 - 125	Recovery	= 86.800%		
20) 2-Butanone-d5	3.912	46	76894	42.835	ug/L	-0.05
Spiked Amount	50.000	Range 40 - 130	Recovery	= 85.680%		
24) Chloroform-d	4.349	84	94816	5.212	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.200%		
26) 1,2-Dichloroethane-d4	5.037	65	43464	5.068	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 101.400%		
32) Benzene-d6	5.050	84	189992	4.928	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 98.600%		
36) 1,2-Dichloropropane-d6	6.072	67	58450	4.925	ug/L	-0.01
Spiked Amount	5.000	Range 60 - 140	Recovery	= 98.400%		
41) Toluene-d8	7.317	98	156783	4.527	ug/L	-0.01
Spiked Amount	5.000	Range 70 - 130	Recovery	= 90.600%		
43) trans-1,3-Dichloroprop...	7.625	79	19295	4.640	ug/L	-0.01
Spiked Amount	5.000	Range 55 - 130	Recovery	= 92.800%		
46) 2-Hexanone-d5	8.092	63	67392	43.772	ug/L	-0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	= 87.540%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39585	4.830	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 96.600%		
66) 1,2-Dichlorobenzene-d4	11.625	152	57299	5.860	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 117.200%		
Target Compounds						Qvalue
5) Vinyl chloride	1.304	62	392	0.043	ug/L #	1
12) 1,1-Dichloroethene	2.111	96	648	0.099	ug/L #	1
13) Acetone	2.198	43	3193	3.625	ug/L	86
27) 1,2-Dichloroethane	5.053	62	1128	0.126	ug/L #	72
35) Methylcyclohexane	6.069	83	14400	1.126	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	6300	0.703	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	1351	0.121	ug/L #	46
42) Toluene	7.394	91	8699	0.242	ug/L	96
48) 2-Hexanone	8.146	43	5850	1.869	ug/L #	85
61) 1,2,3-Trichloropropane	11.249	75	6295	1.632	ug/L #	67

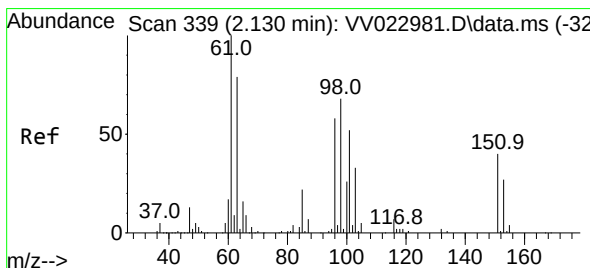
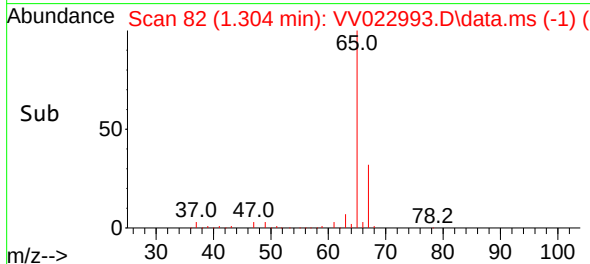
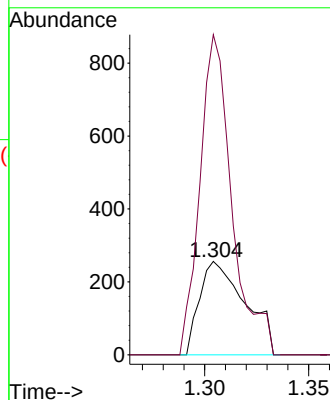
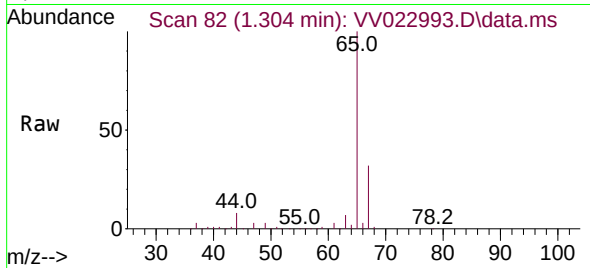
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 0.043 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV022993.D
 Acq: 22 Oct 2021 17:41

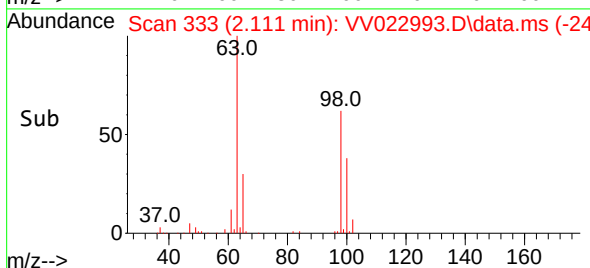
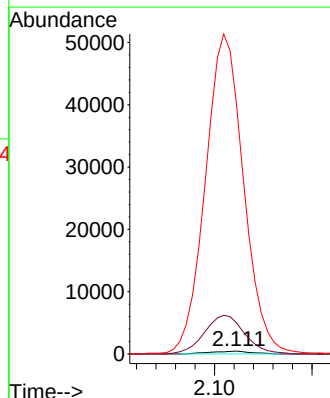
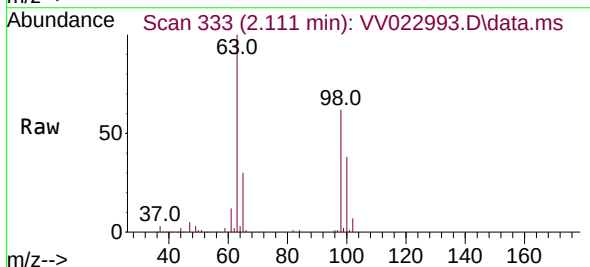
Instrument :
 MSVOA_V
 ClientSampleId :

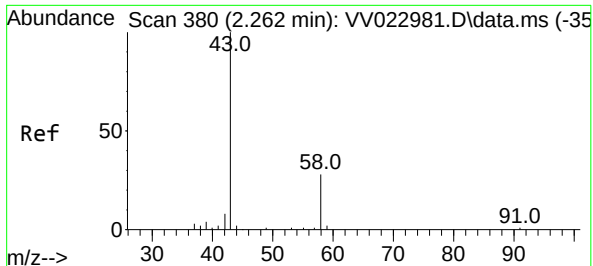
Tgt Ion: 62 Resp: 392
 Ion Ratio Lower Upper
 62 100
 64 343.0 23.1 42.9#



#12
 1,1-Dichloroethene
 Concen: 0.099 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.019 min
 Lab File: VV022993.D
 Acq: 22 Oct 2021 17:41

Tgt Ion: 96 Resp: 648
 Ion Ratio Lower Upper
 96 100
 61 1109.5 121.5 225.7#
 63 8940.1 99.6 185.0#

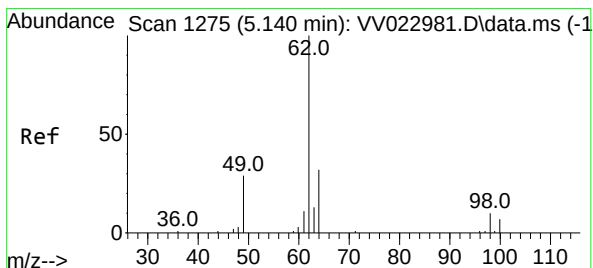
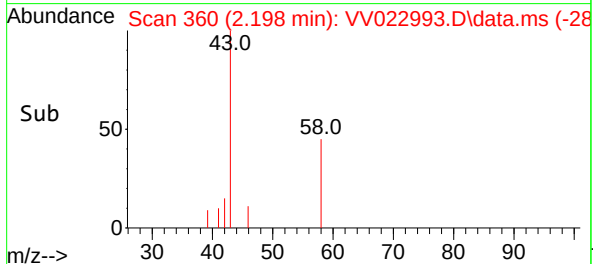
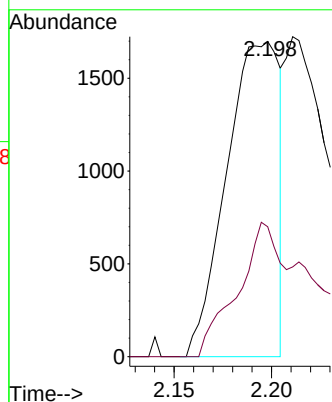
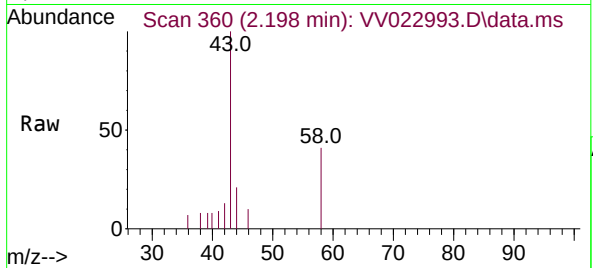




#13
Acetone
Concen: 3.625 ug/L
RT: 2.198 min Scan# 31
Delta R.T. -0.064 min
Lab File: VV022993.D
Acq: 22 Oct 2021 17:41

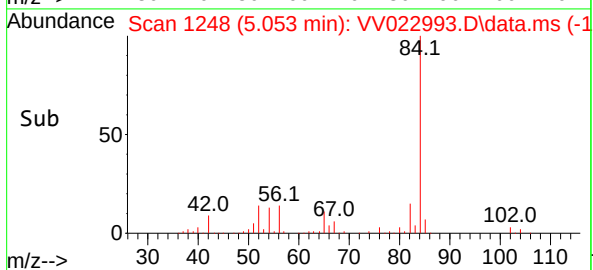
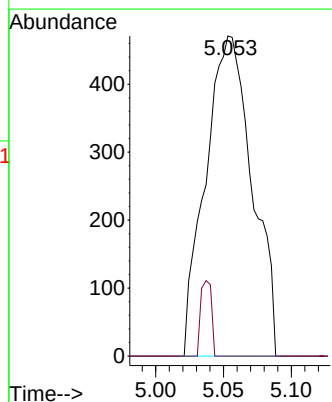
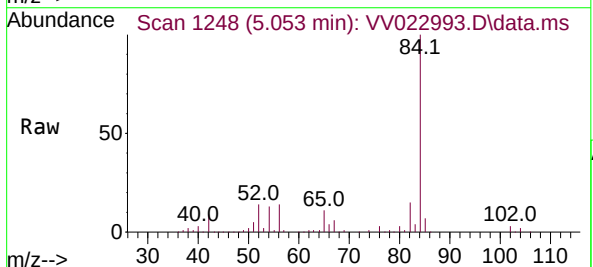
Instrument :
MSVOA_V
ClientSampleId :

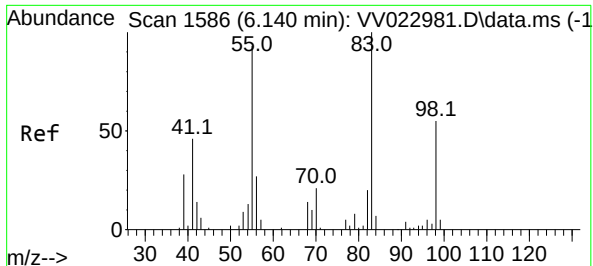
Tgt Ion: 43 Resp: 3193
Ion Ratio Lower Upper
43 100
58 35.1 0.0 55.4



#27
1,2-Dichloroethane
Concen: 0.126 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.087 min
Lab File: VV022993.D
Acq: 22 Oct 2021 17:41

Tgt Ion: 62 Resp: 1128
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#





#35

Methylcyclohexane

Concen: 1.126 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.071 min

Lab File: VV022993.D

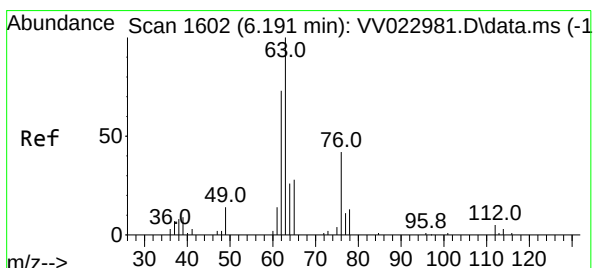
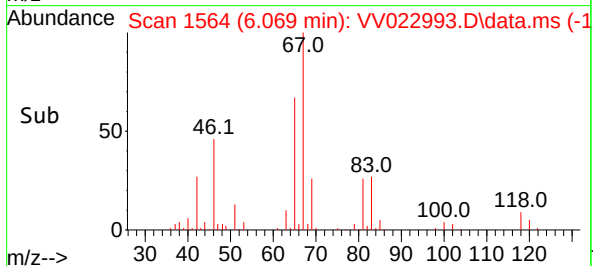
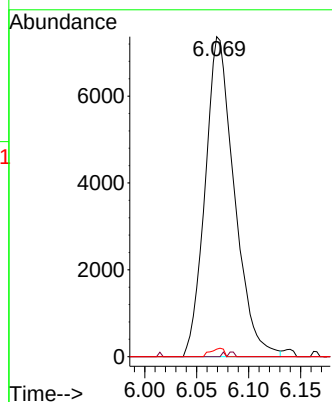
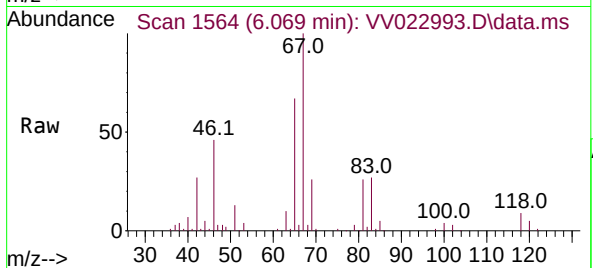
Acq: 22 Oct 2021 17:41

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 14400
Ion Ratio	Lower Upper
83 100	
55 0.4	62.8 94.2#
98 1.2	37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.703 ug/L

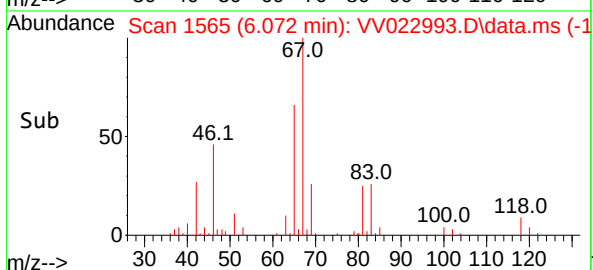
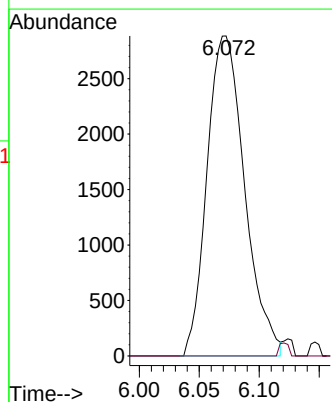
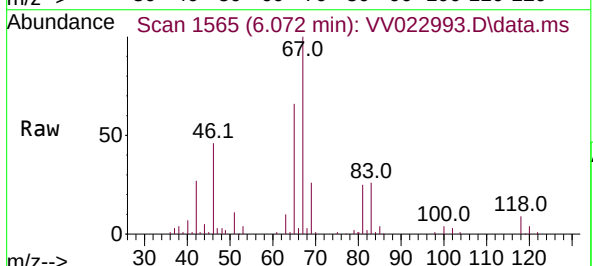
RT: 6.072 min Scan# 1565

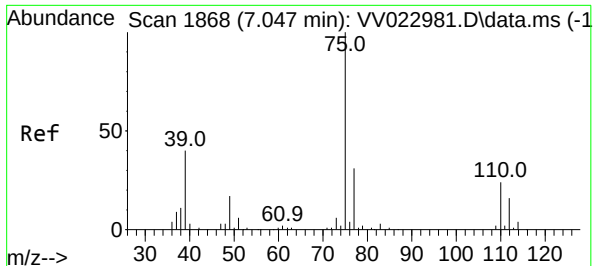
Delta R.T. -0.119 min

Lab File: VV022993.D

Acq: 22 Oct 2021 17:41

Tgt Ion: 63	Resp: 6300
Ion Ratio	Lower Upper
63 100	
112 1.0	4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.121 ug/L

RT: 6.989 min Scan# 1868

Delta R.T. -0.058 min

Lab File: VV022993.D

Acq: 22 Oct 2021 17:41

Instrument :

MSVOA_V

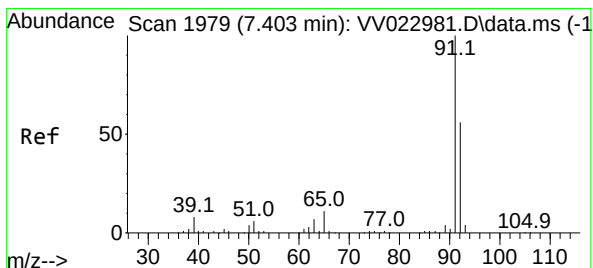
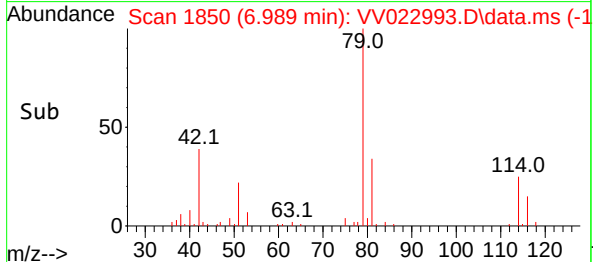
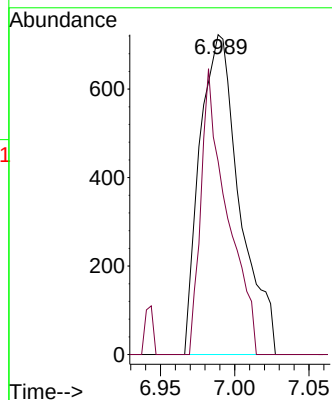
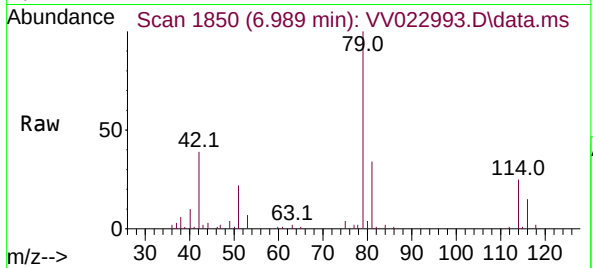
ClientSampleId :

Tgt Ion: 75 Resp: 1351

Ion Ratio Lower Upper

75 100

77 60.4 21.6 40.2#



#42

Toluene

Concen: 0.242 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. -0.009 min

Lab File: VV022993.D

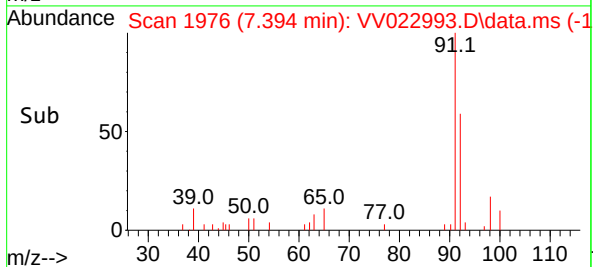
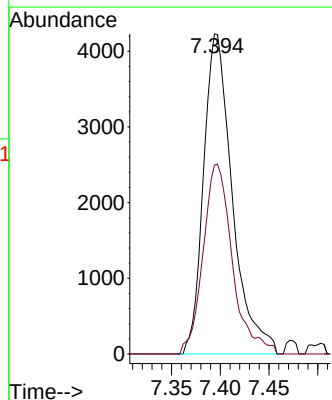
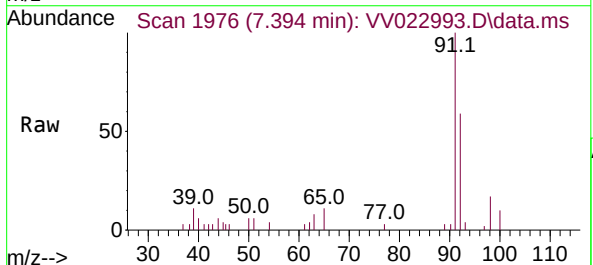
Acq: 22 Oct 2021 17:41

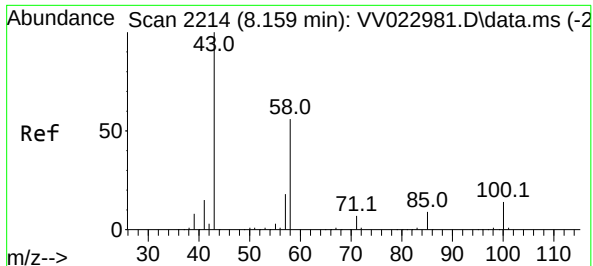
Tgt Ion: 91 Resp: 8699

Ion Ratio Lower Upper

91 100

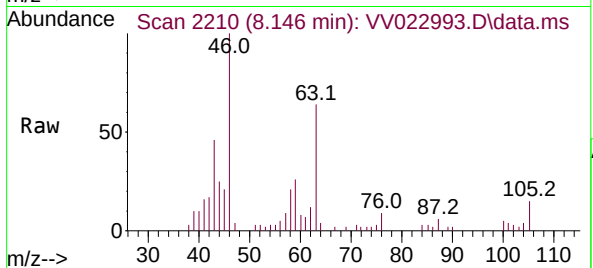
92 59.0 39.3 72.9



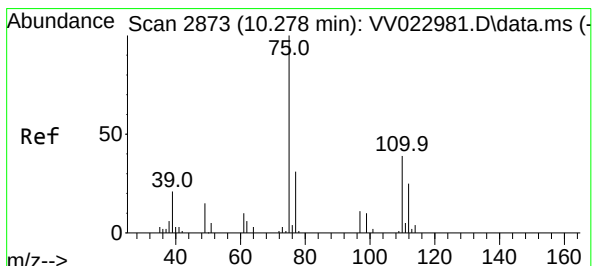
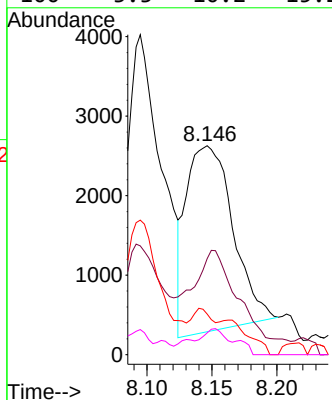
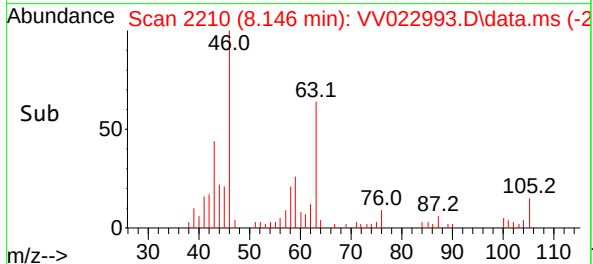


#48
2-Hexanone
Concen: 1.869 ug/L
RT: 8.146 min Scan# 21
Delta R.T. -0.013 min
Lab File: VV022993.D
Acq: 22 Oct 2021 17:41

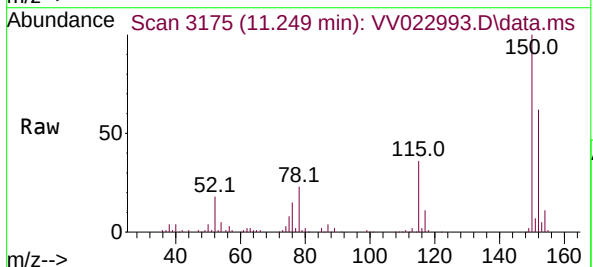
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43	Resp: 5850
Ion Ratio	Lower Upper
43 100	
58 59.7	43.7 65.5
57 3.3	14.1 21.1#
100 3.3	10.2 15.2#



#61
1,2,3-Trichloropropane
Concen: 1.632 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.971 min
Lab File: VV022993.D
Acq: 22 Oct 2021 17:41



Tgt Ion: 75	Resp: 6295		
Ion Ratio	Lower	Upper	
75 100			
77 32.6	26.6	39.8	
110 3.1	31.8	47.6#	

