

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100821\
 Data File : VV022703.D
 Acq On : 08 Oct 2021 15:20
 Operator : SY/MD
 Sample : M4022-24
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 09 01:25:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 09 01:23:25 2021
 Response via : Initial Calibration

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

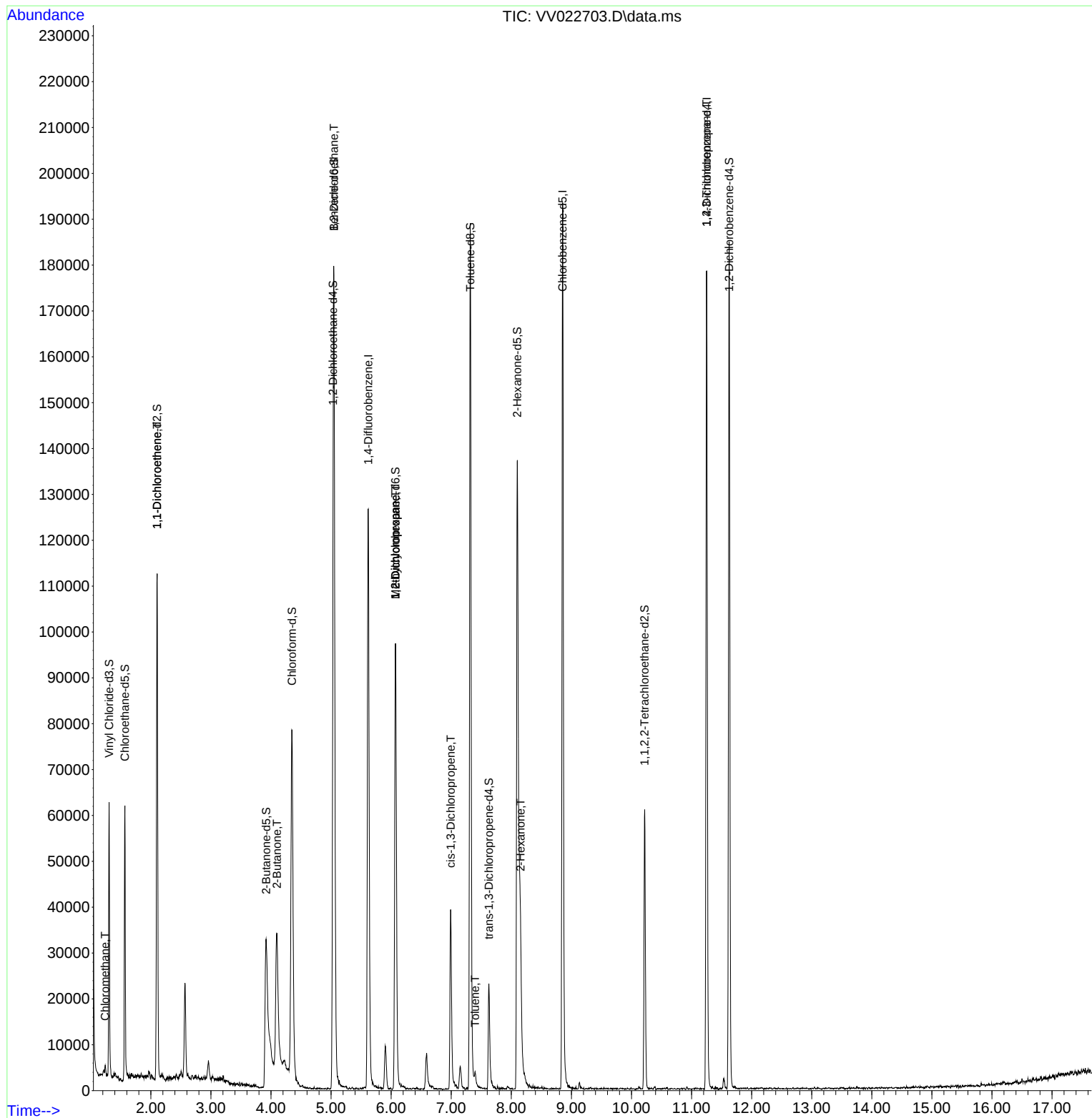
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	110086	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	112291	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	48576	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	36338	4.798	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.000%
7) Chloroethane-d5	1.568	69	34300	5.039	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	2.105	63	56828	3.825	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.400%
20) 2-Butanone-d5	3.918	46	73452	36.986	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.980%
24) Chloroform-d	4.349	84	79693	5.106	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.034	65	36437	4.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.047	84	153132	4.581	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.072	67	47010	4.749	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.317	98	127017	4.395	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	7.625	79	14145	4.307	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.098	63	55533	41.961	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.920%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	29697	4.428	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	48920	5.432	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						
3) Chloromethane	1.240	50	1170	0.145	ug/L	90
12) 1,1-Dichloroethene	2.105	96	537	0.081	ug/L #	1
21) 2-Butanone	4.098	43	53410	29.456	ug/L #	51
27) 1,2-Dichloroethane	5.047	62	832	0.110	ug/L #	69
35) Methylcyclohexane	6.072	83	12140	1.054	ug/L #	17
37) 1,2-Dichloropropane	6.072	63	5218	0.717	ug/L #	86
39) cis-1,3-Dichloropropene	6.992	75	1228	0.128	ug/L #	70
42) Toluene	7.397	91	2122	0.069	ug/L	85
48) 2-Hexanone	8.153	43	13679	4.787	ug/L #	77
61) 1,2,3-Trichloropropane	11.249	75	5854	1.735	ug/L #	60

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

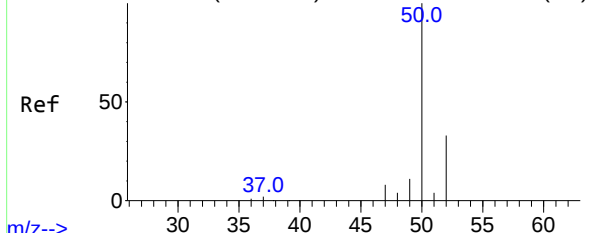
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100821\
Data File : VV022703.D
Acq On : 08 Oct 2021 15:20
Operator : SY/MD
Sample : M4022-24
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

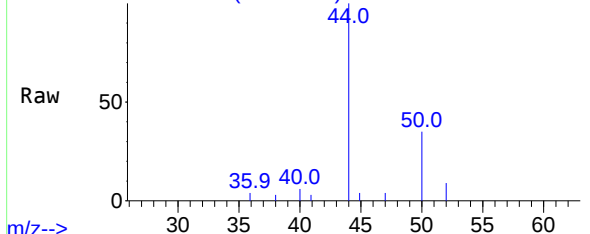
Quant Time: Oct 09 01:25:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 09 01:23:25 2021
Response via : Initial Calibration



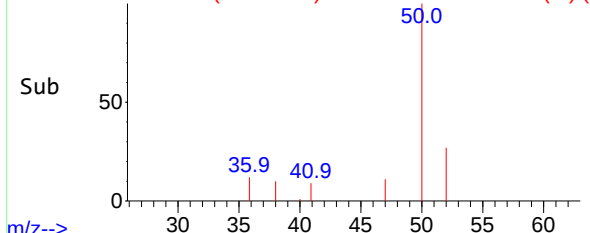
Abundance Scan 62 (1.240 min): VV022691.D\data.ms (-54)



m/z--> Scan 62 (1.240 min): VV022703.D\data.ms



m/z--> Abundance Scan 62 (1.240 min): VV022703.D\data.ms (-1)



m/z-->

#3

Chloromethane

Concen: 0.145 ug/L

RT: 1.240 min Scan# 62

Delta R.T. 0.000 min

Lab File: VV022703.D

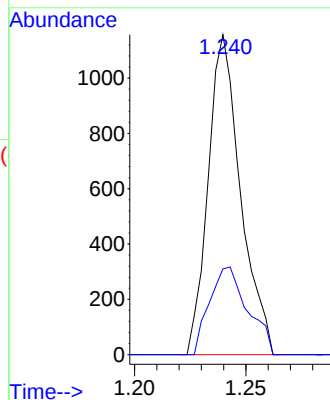
Acq: 08 Oct 2021 15:20

Tgt Ion: 50 Resp: 1170

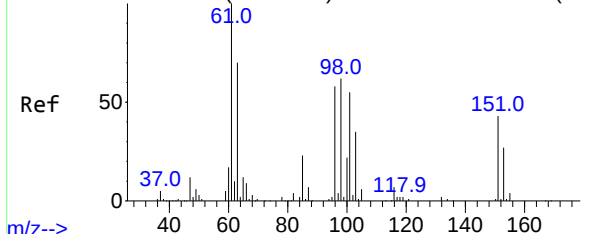
Ion Ratio Lower Upper

50 100

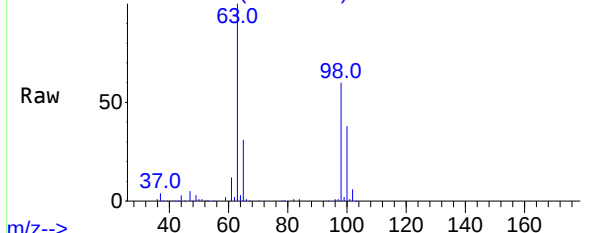
52 26.8 22.9 42.5



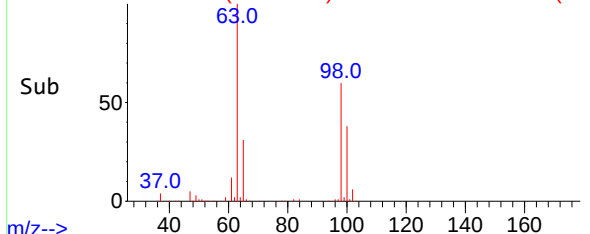
Abundance Scan 334 (2.114 min): VV022691.D\data.ms (-32)



m/z--> Abundance Scan 331 (2.105 min): VV022703.D\data.ms



m/z--> Abundance Scan 331 (2.105 min): VV022703.D\data.ms (-24)



m/z-->

#12

1,1-Dichloroethene

Concen: 0.081 ug/L

RT: 2.105 min Scan# 331

Delta R.T. -0.010 min

Lab File: VV022703.D

Acq: 08 Oct 2021 15:20

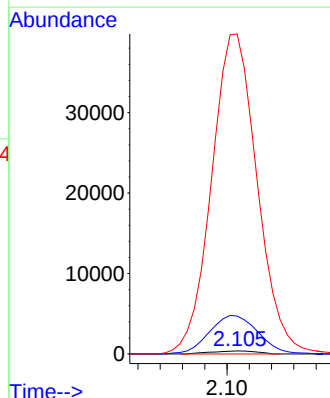
Tgt Ion: 96 Resp: 537

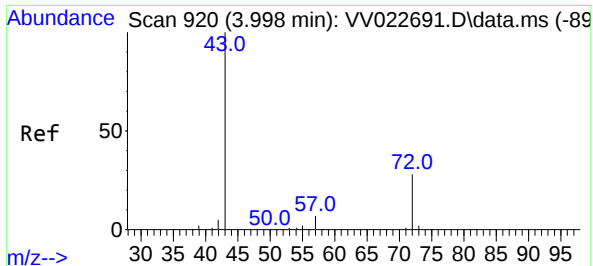
Ion Ratio Lower Upper

96 100

61 1248.3 127.3 236.5#

63 10550.7 106.2 197.2#

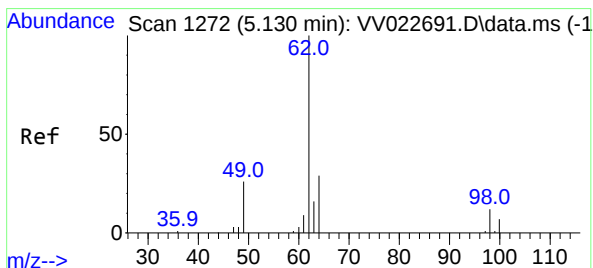
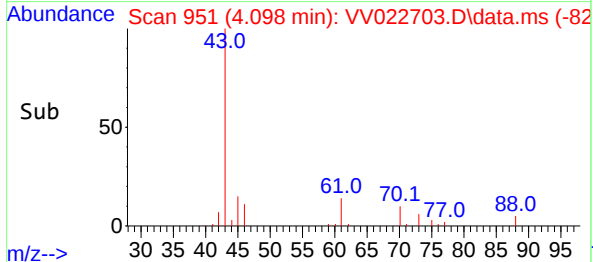
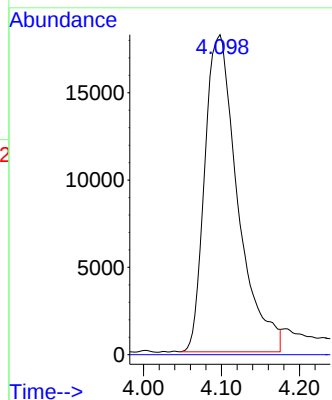
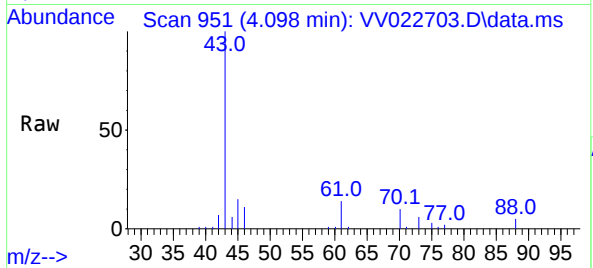




#21
2-Butanone
Concen: 29.456 ug/L
RT: 4.098 min Scan# 951
Delta R.T. 0.100 min
Lab File: VV022703.D
Acq: 08 Oct 2021 15:20

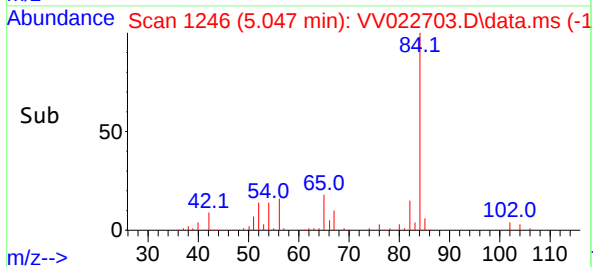
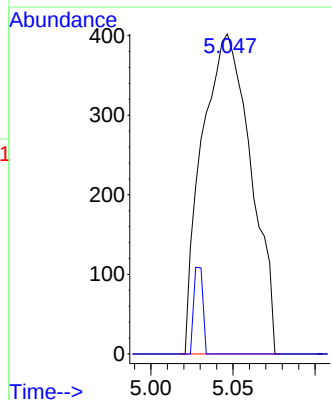
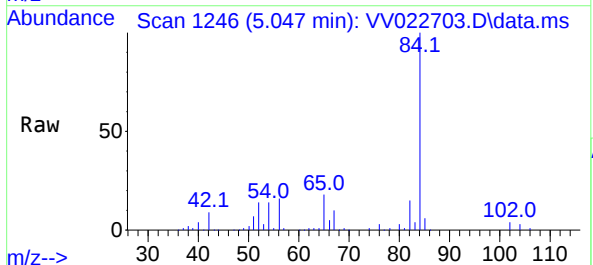
Instrument :
MSVOA_V
ClientSampled :

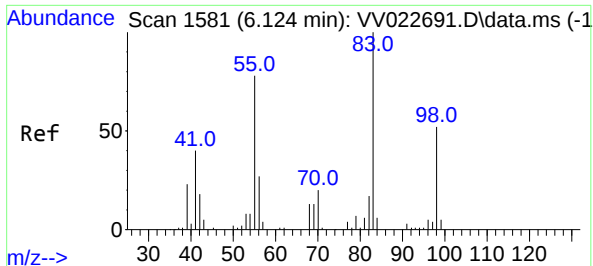
Tgt Ion: 43 Resp: 53410
Ion Ratio Lower Upper
43 100
72 0.0 12.3 36.8#



#27
1,2-Dichloroethane
Concen: 0.110 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.084 min
Lab File: VV022703.D
Acq: 08 Oct 2021 15:20

Tgt Ion: 62 Resp: 832
Ion Ratio Lower Upper
62 100
98 0.0 9.7 14.5#

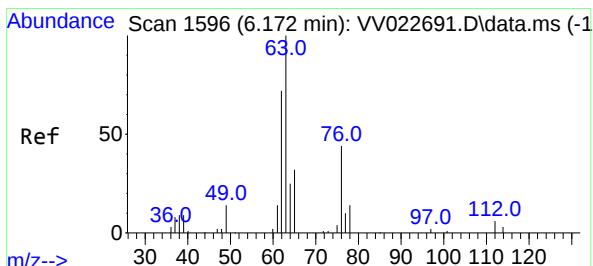
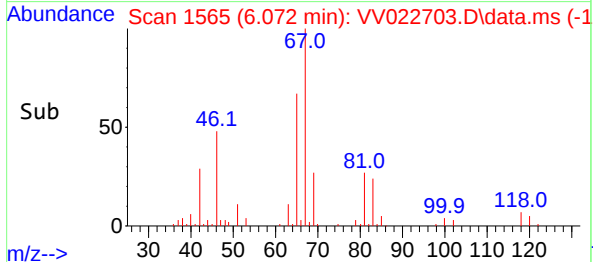
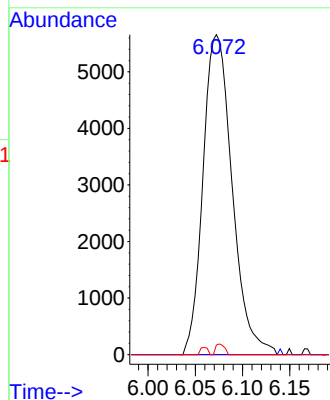
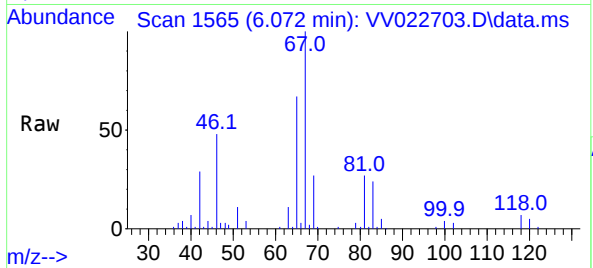




#35
Methylcyclohexane
Concen: 1.054 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.051 min
Lab File: VV022703.D
Acq: 08 Oct 2021 15:20

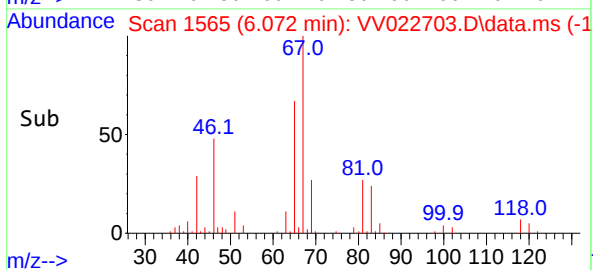
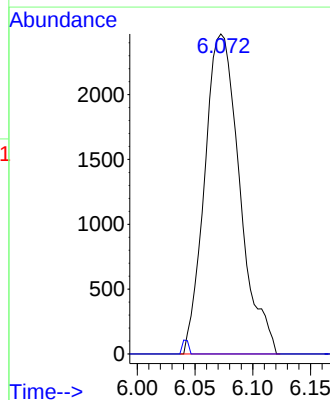
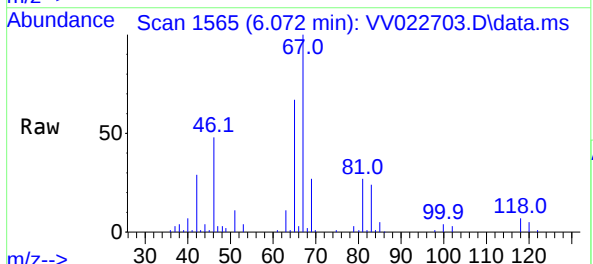
Instrument :
MSVOA_V
ClientSampled :

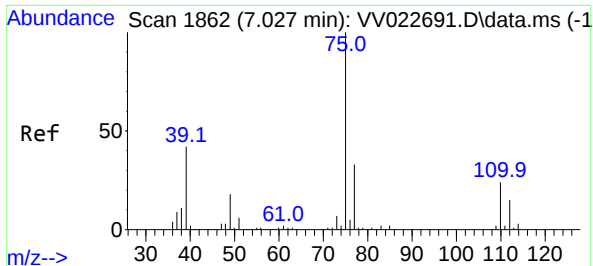
Tgt Ion: 83 Resp: 12140
Ion Ratio Lower Upper
83 100
55 0.2 63.8 95.6#
98 1.0 42.1 63.1#



#37
1,2-Dichloropropane
Concen: 0.717 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022703.D
Acq: 08 Oct 2021 15:20

Tgt Ion: 63 Resp: 5218
Ion Ratio Lower Upper
63 100
112 0.8 4.4 6.6#

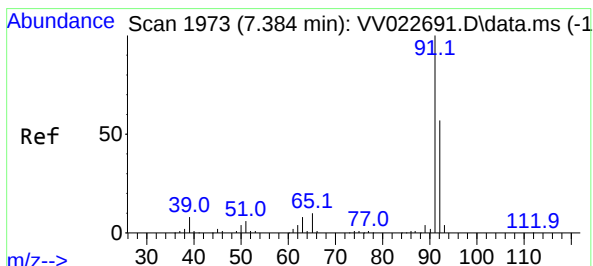
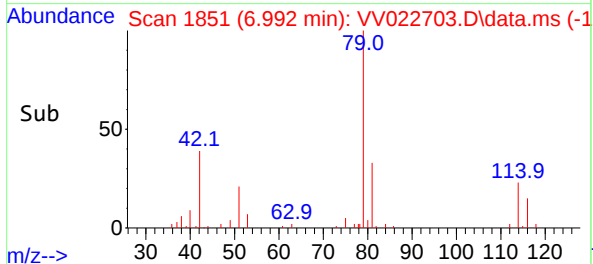
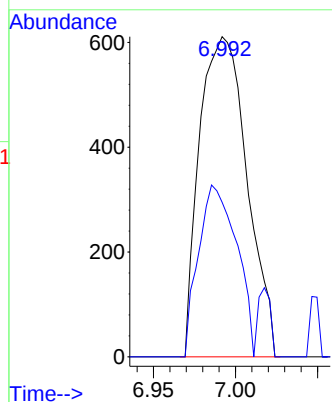
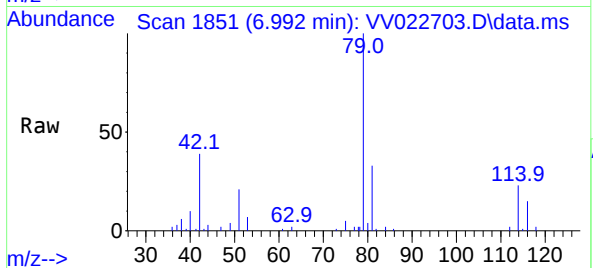




#39
cis-1,3-Dichloropropene
Concen: 0.128 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.035 min
Lab File: VV022703.D
Acq: 08 Oct 2021 15:20

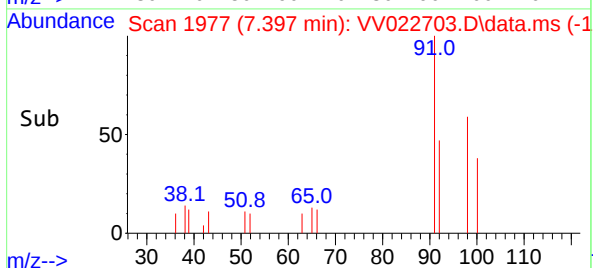
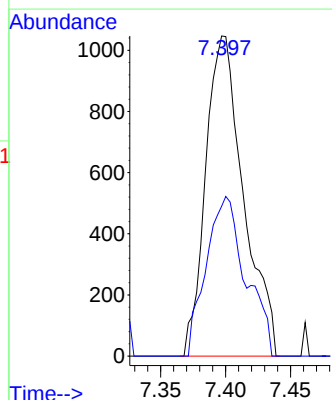
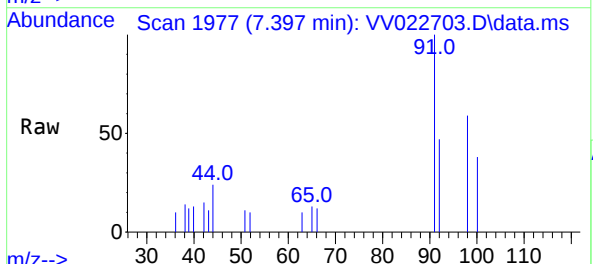
Instrument :
MSVOA_V
ClientSampled :

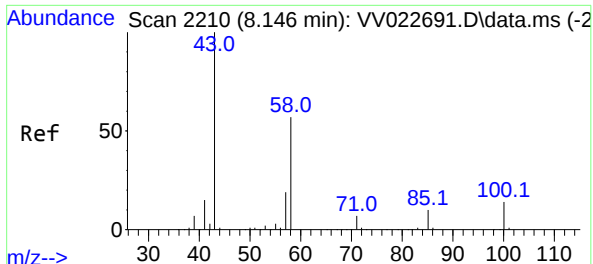
Tgt Ion: 75 Resp: 1228
Ion Ratio Lower Upper
75 100
77 48.3 22.3 41.3#



#42
Toluene
Concen: 0.069 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.013 min
Lab File: VV022703.D
Acq: 08 Oct 2021 15:20

Tgt Ion: 91 Resp: 2122
Ion Ratio Lower Upper
91 100
92 46.8 40.7 75.7



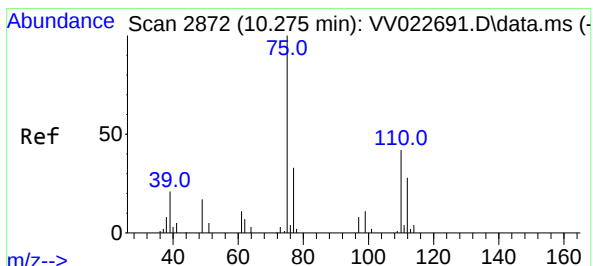
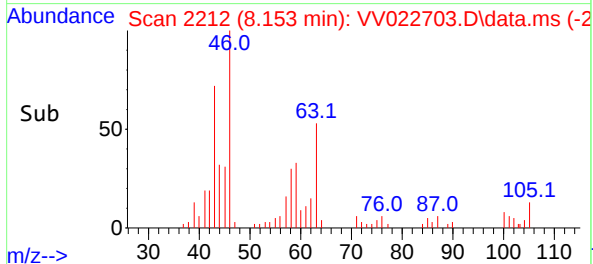
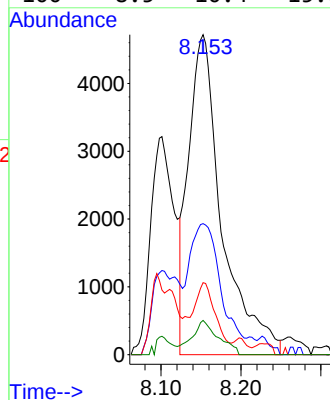
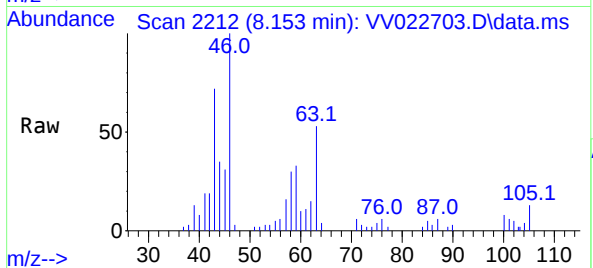


#48
2-Hexanone
Concen: 4.787 ug/L
RT: 8.153 min Scan# 2212
Delta R.T. 0.006 min
Lab File: VV022703.D
Acq: 08 Oct 2021 15:20

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 13679

Ion	Ratio	Lower	Upper
43	100		
58	39.5	47.4	71.0#
57	10.3	15.3	22.9#
100	8.5	10.4	15.6#



#61
1,2,3-Trichloropropane
Concen: 1.735 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022703.D
Acq: 08 Oct 2021 15:20

Tgt Ion: 75 Resp: 5854

Ion	Ratio	Lower	Upper
75	100		
77	27.1	25.4	38.2
110	2.1	34.2	51.4#

