

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101121\
 Data File : VV022727.D
 Acq On : 11 Oct 2021 14:17
 Operator : SY/MD
 Sample : M4109-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 12 03:40:46 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)

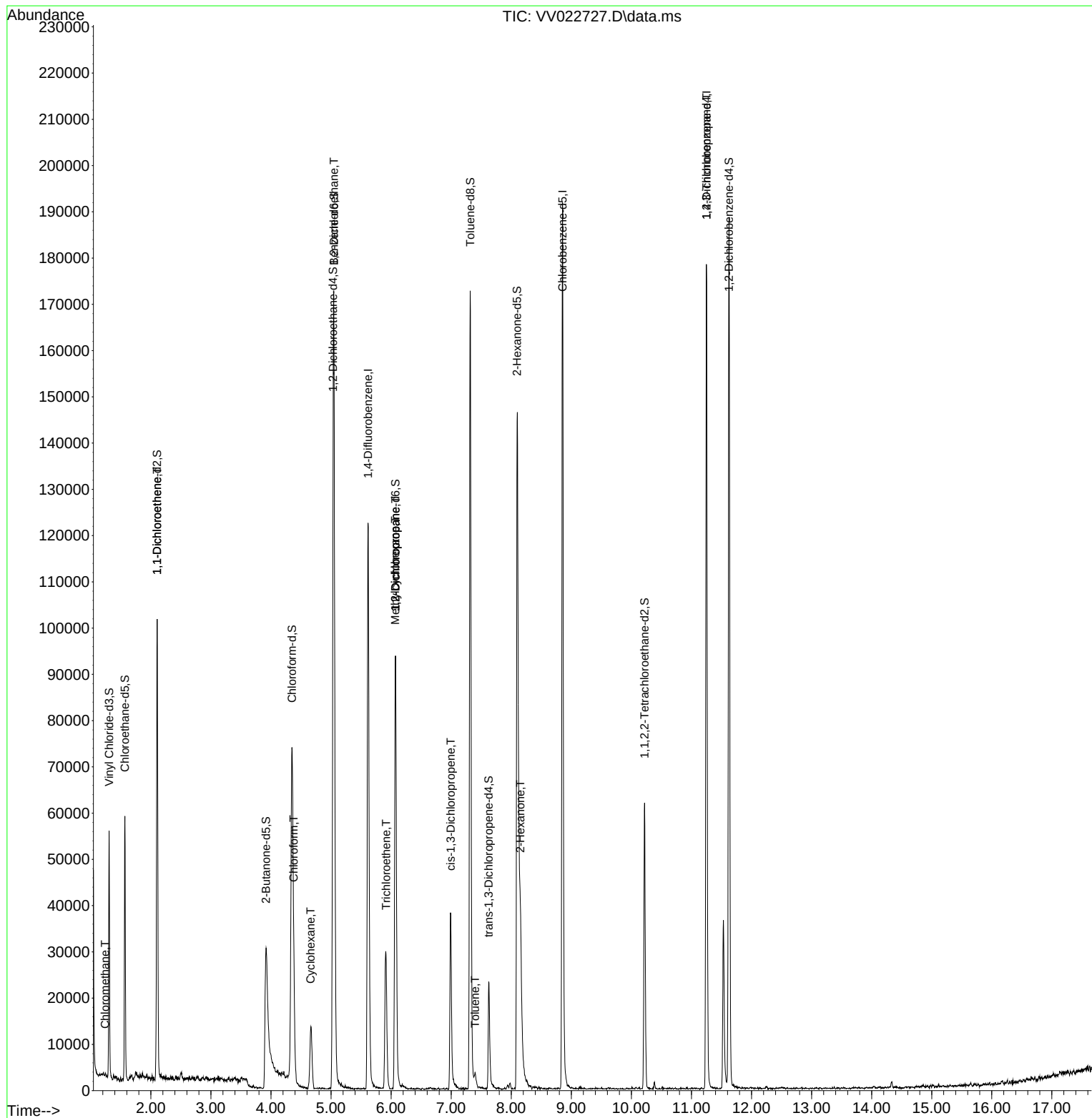
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	107746	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	109651	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49483	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	32744	4.417	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.568	69	33786	5.072	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	2.105	63	50373	3.464	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.200%
20) 2-Butanone-d5	3.918	46	70524	36.283	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.560%
24) Chloroform-d	4.349	84	69352	4.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.034	65	37661	5.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.047	84	145651	4.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.072	67	46948	4.857	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.317	98	117073	4.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	7.625	79	14088	4.393	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.098	63	53114	41.100	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.200%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	29857	4.559	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	50517	5.506	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.200%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	397	0.050	ug/L	87
12) 1,1-Dichloroethene	2.105	96	494	0.076	ug/L #	1
25) Chloroform	4.378	83	21201	1.435	ug/L	96
27) 1,2-Dichloroethane	5.047	62	959	0.130	ug/L #	69
30) Cyclohexane	4.661	56	6582	0.570	ug/L	98
34) Trichloroethene	5.915	95	9045	1.126	ug/L	94
35) Methylcyclohexane	6.069	83	11118	0.988	ug/L #	16
37) 1,2-Dichloropropane	6.072	63	4977	0.701	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	964	0.103	ug/L #	82
42) Toluene	7.397	91	2059	0.069	ug/L	85
48) 2-Hexanone	8.149	43	13475	4.829	ug/L #	93
61) 1,2,3-Trichloropropane	11.249	75	5555	1.616	ug/L #	59

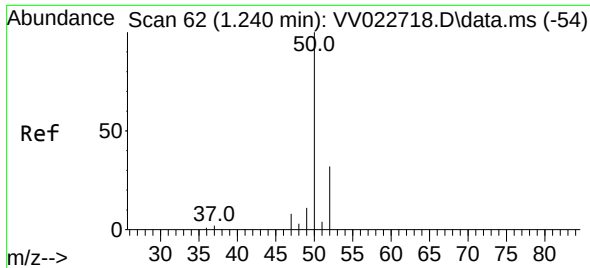
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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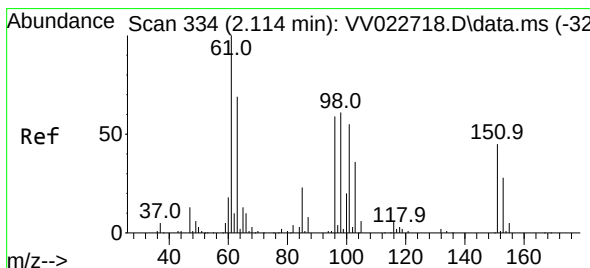
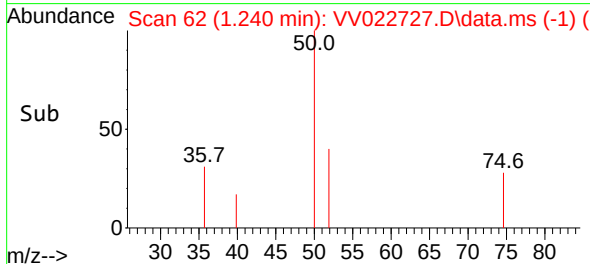
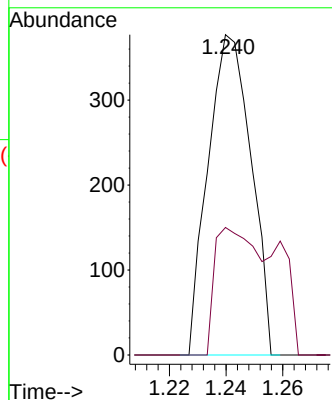
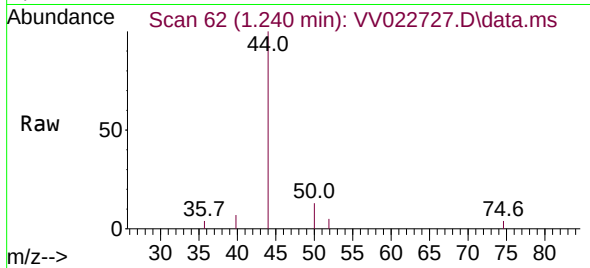




#3
Chloromethane
Concen: 0.050 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV022727.D
Acq: 11 Oct 2021 14:17

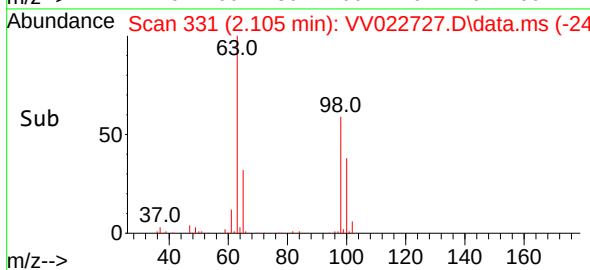
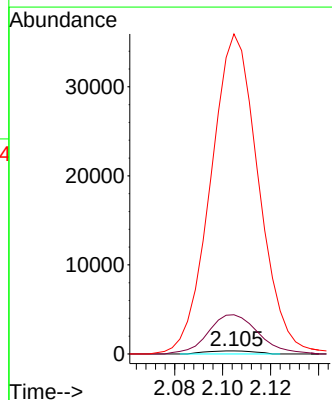
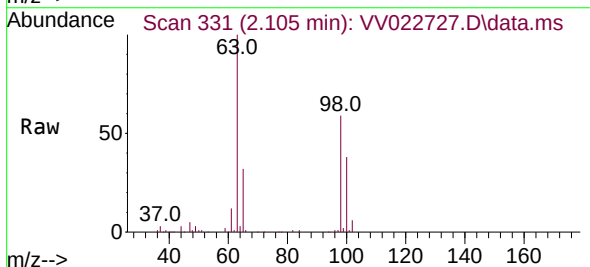
Instrument :
MSVOA_V
ClientSampled :

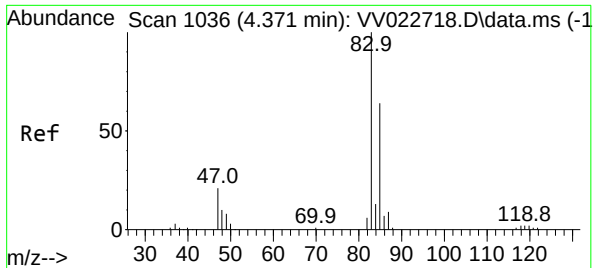
Tgt Ion: 50 Resp: 397
Ion Ratio Lower Upper
50 100
52 39.8 22.9 42.5



#12
1,1-Dichloroethene
Concen: 0.076 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.010 min
Lab File: VV022727.D
Acq: 11 Oct 2021 14:17

Tgt Ion: 96 Resp: 494
Ion Ratio Lower Upper
96 100
61 1260.7 127.3 236.5#
63 10296.8 106.2 197.2#

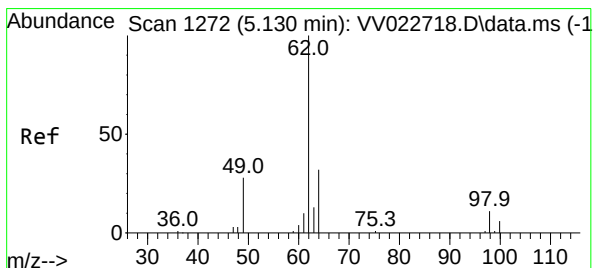
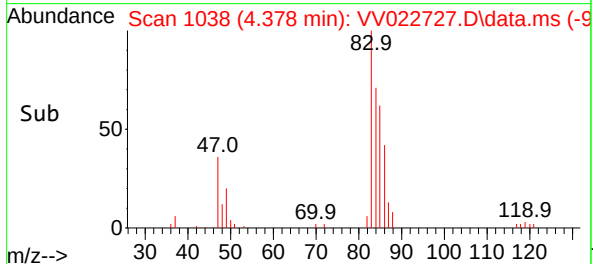
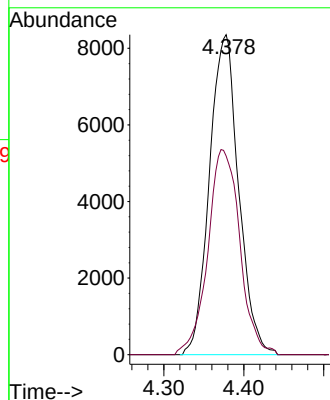
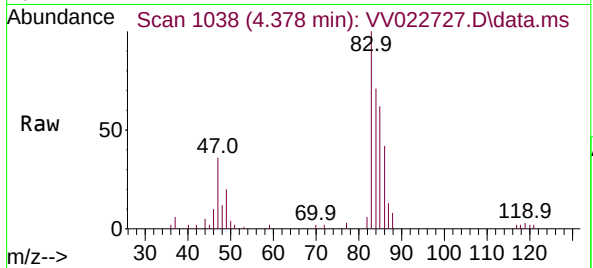




#25
Chloroform
Concen: 1.435 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VV022727.D
Acq: 11 Oct 2021 14:17

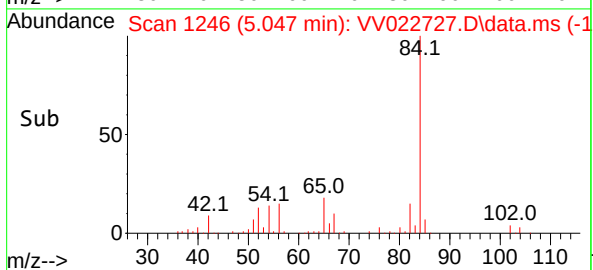
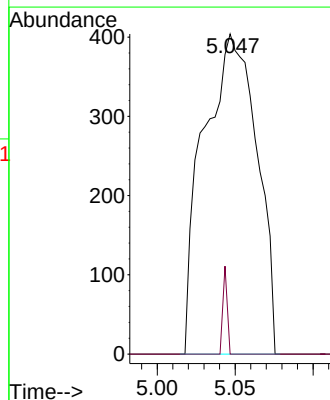
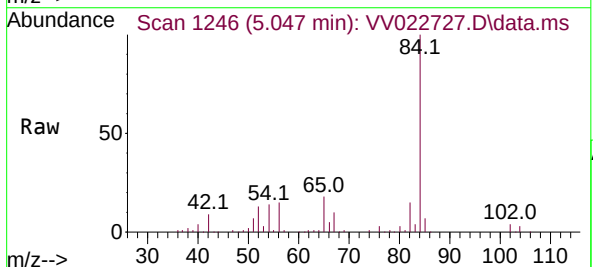
Instrument :
MSVOA_V
ClientSampled :

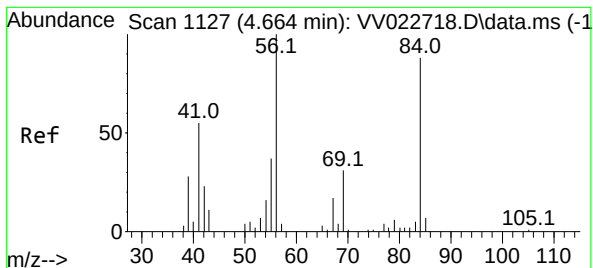
Tgt Ion: 83 Resp: 21201
Ion Ratio Lower Upper
83 100
85 62.1 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.130 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.083 min
Lab File: VV022727.D
Acq: 11 Oct 2021 14:17

Tgt Ion: 62 Resp: 959
Ion Ratio Lower Upper
62 100
98 0.0 9.7 14.5#





#30

Cyclohexane

Concen: 0.570 ug/L

RT: 4.661 min Scan# 1126

Delta R.T. -0.003 min

Lab File: VV022727.D

Acq: 11 Oct 2021 14:17

Tgt Ion: 56 Resp: 6582

Ion Ratio Lower Upper

56 100

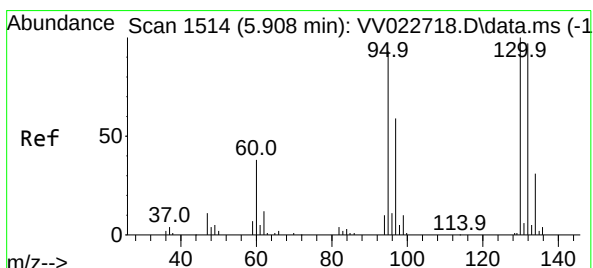
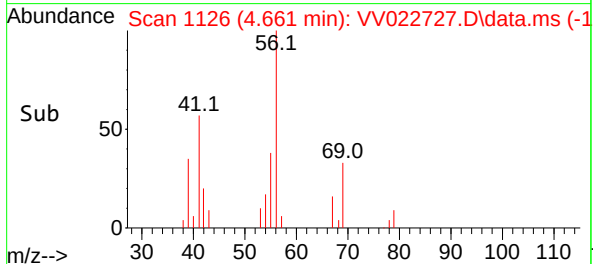
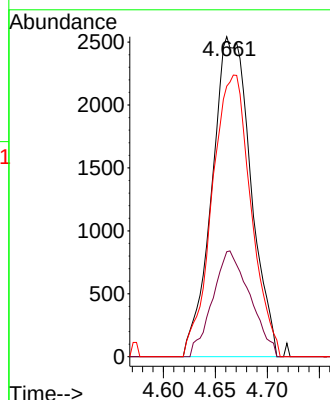
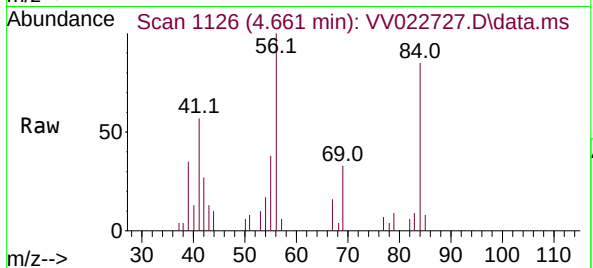
69 31.9 24.9 37.3

84 88.3 72.5 108.7

Instrument :

MSVOA_V

ClientSampled :



#34

Trichloroethene

Concen: 1.126 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.007 min

Lab File: VV022727.D

Acq: 11 Oct 2021 14:17

Tgt Ion: 95 Resp: 9045

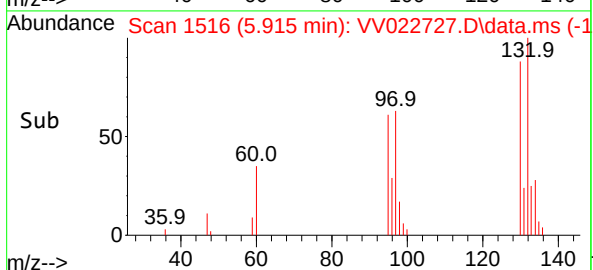
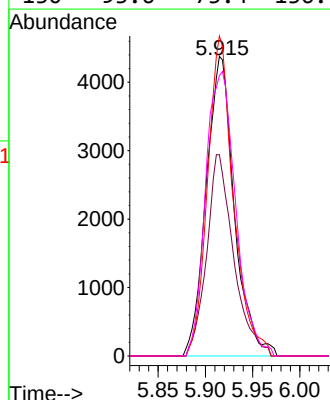
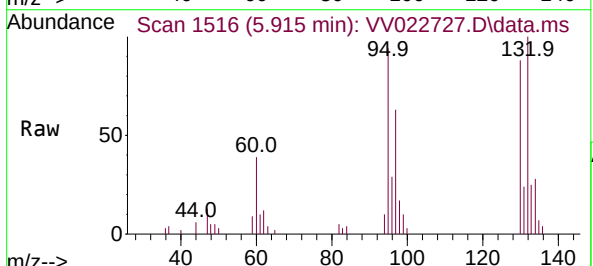
Ion Ratio Lower Upper

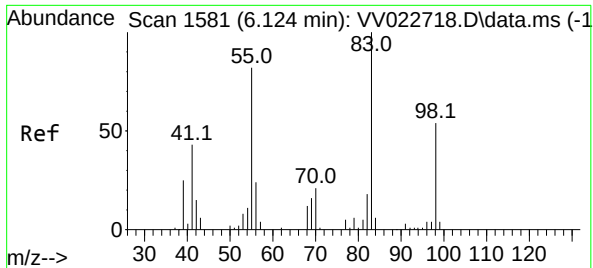
95 100

97 67.2 45.8 85.2

132 106.8 72.2 134.0

130 93.6 73.4 136.4

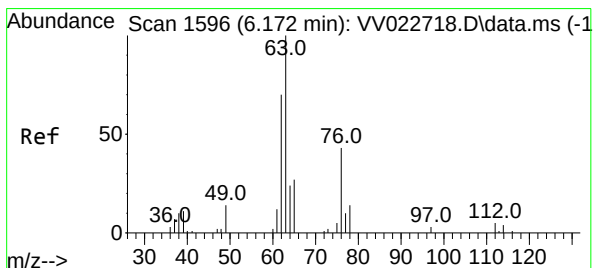
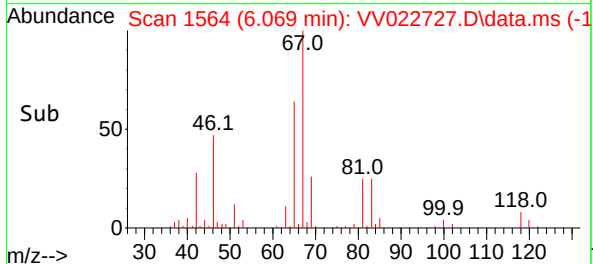
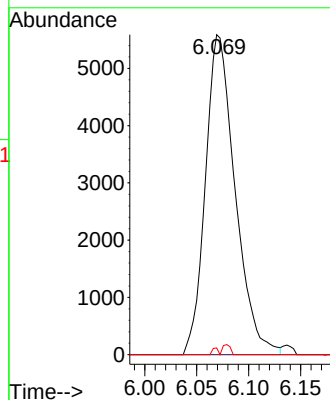
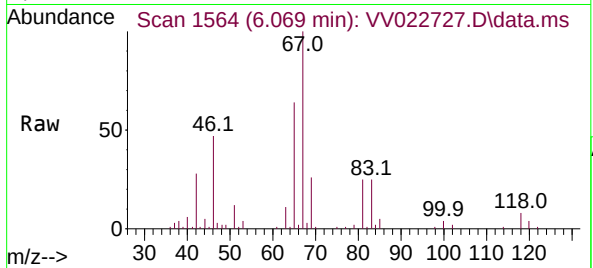




#35
Methylcyclohexane
Concen: 0.988 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.054 min
Lab File: VV022727.D
Acq: 11 Oct 2021 14:17

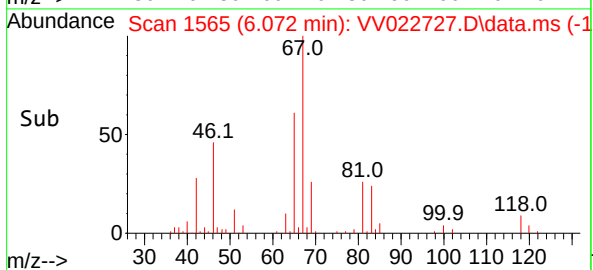
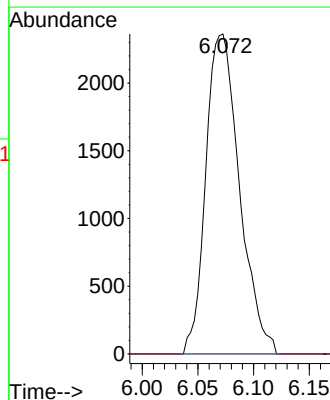
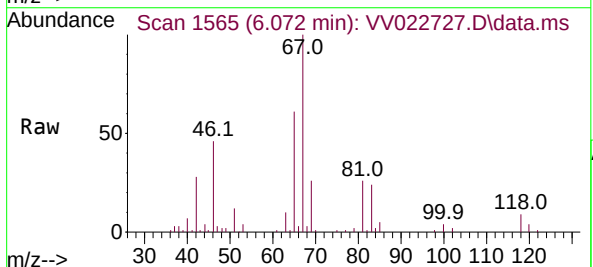
Instrument :
MSVOA_V
ClientSampled :

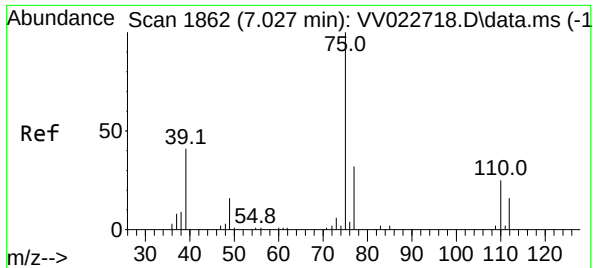
Tgt Ion: 83 Resp: 11118
Ion Ratio Lower Upper
83 100
55 0.0 63.8 95.6#
98 0.8 42.1 63.1#



#37
1,2-Dichloropropane
Concen: 0.701 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022727.D
Acq: 11 Oct 2021 14:17

Tgt Ion: 63 Resp: 4977
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#

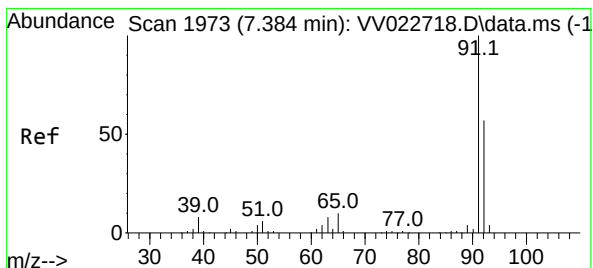
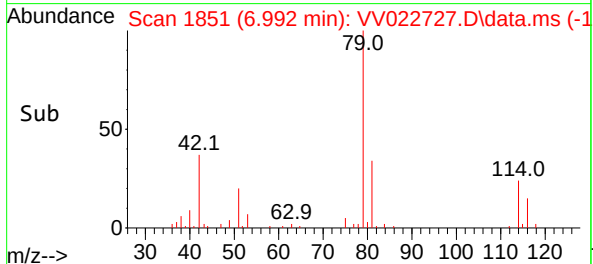
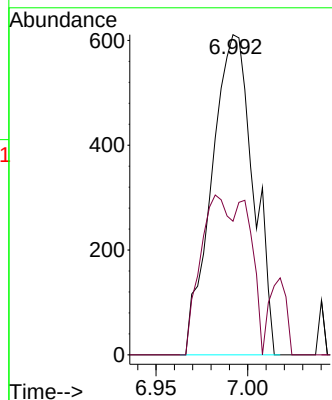
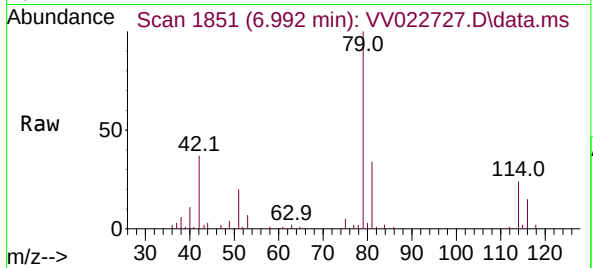




#39
 cis-1,3-Dichloropropene
 Concen: 0.103 ug/L
 RT: 6.992 min Scan# 1851
 Delta R.T. -0.035 min
 Lab File: VV022727.D
 Acq: 11 Oct 2021 14:17

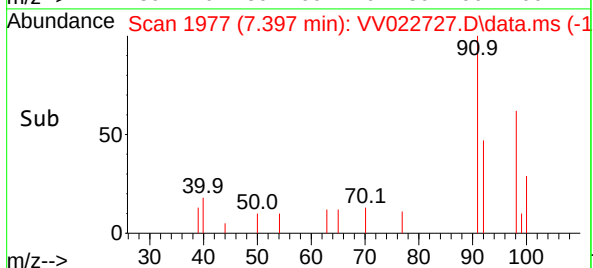
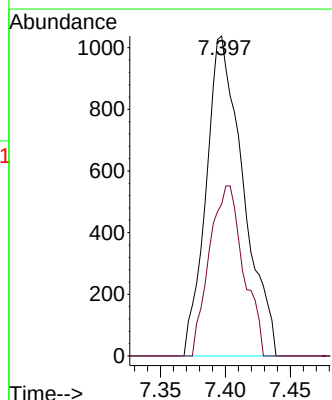
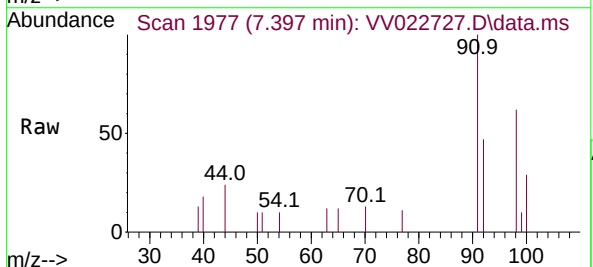
Instrument :
 MSVOA_V
 ClientSampled :

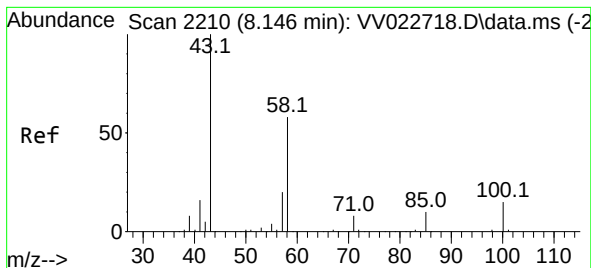
Tgt Ion: 75 Resp: 964
 Ion Ratio Lower Upper
 75 100
 77 41.7 22.3 41.3#



#42
 Toluene
 Concen: 0.069 ug/L
 RT: 7.397 min Scan# 1977
 Delta R.T. 0.013 min
 Lab File: VV022727.D
 Acq: 11 Oct 2021 14:17

Tgt Ion: 91 Resp: 2059
 Ion Ratio Lower Upper
 91 100
 92 47.4 40.7 75.7





#48

2-Hexanone

Concen: 4.829 ug/L

RT: 8.149 min Scan# 2211

Delta R.T. 0.003 min

Lab File: VV022727.D

Acq: 11 Oct 2021 14:17

Tgt Ion: 43 Resp: 13475

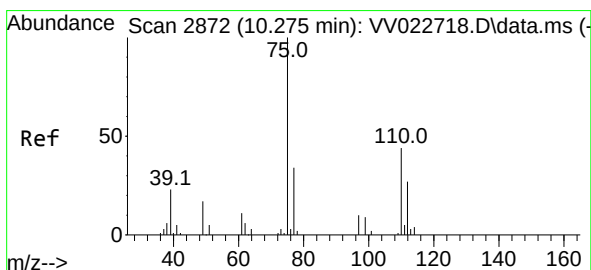
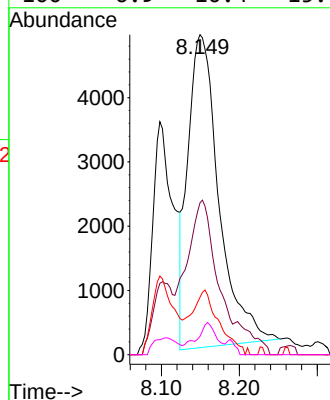
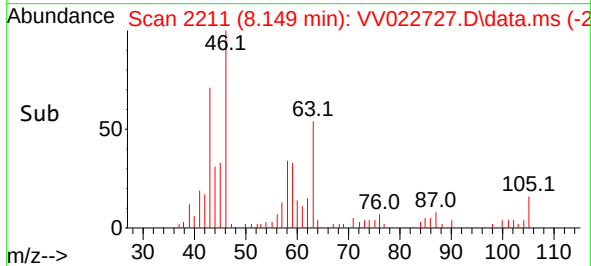
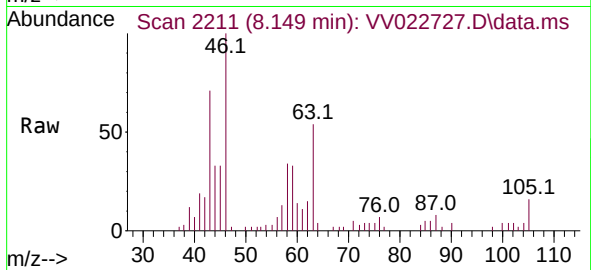
Ion Ratio Lower Upper

43 100

58 54.4 47.4 71.0

57 17.9 15.3 22.9

100 6.9 10.4 15.6#



#61

1,2,3-Trichloropropane

Concen: 1.616 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV022727.D

Acq: 11 Oct 2021 14:17

Tgt Ion: 75 Resp: 5555

Ion Ratio Lower Upper

75 100

77 29.1 25.4 38.2

110 0.0 34.2 51.4#

