

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100721\
 Data File : VV022687.D
 Acq On : 08 Oct 2021 01:04
 Operator : SY/MD
 Sample : M4098-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 08 04:05:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 08 04:01:59 2021
 Response via : Initial Calibration

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

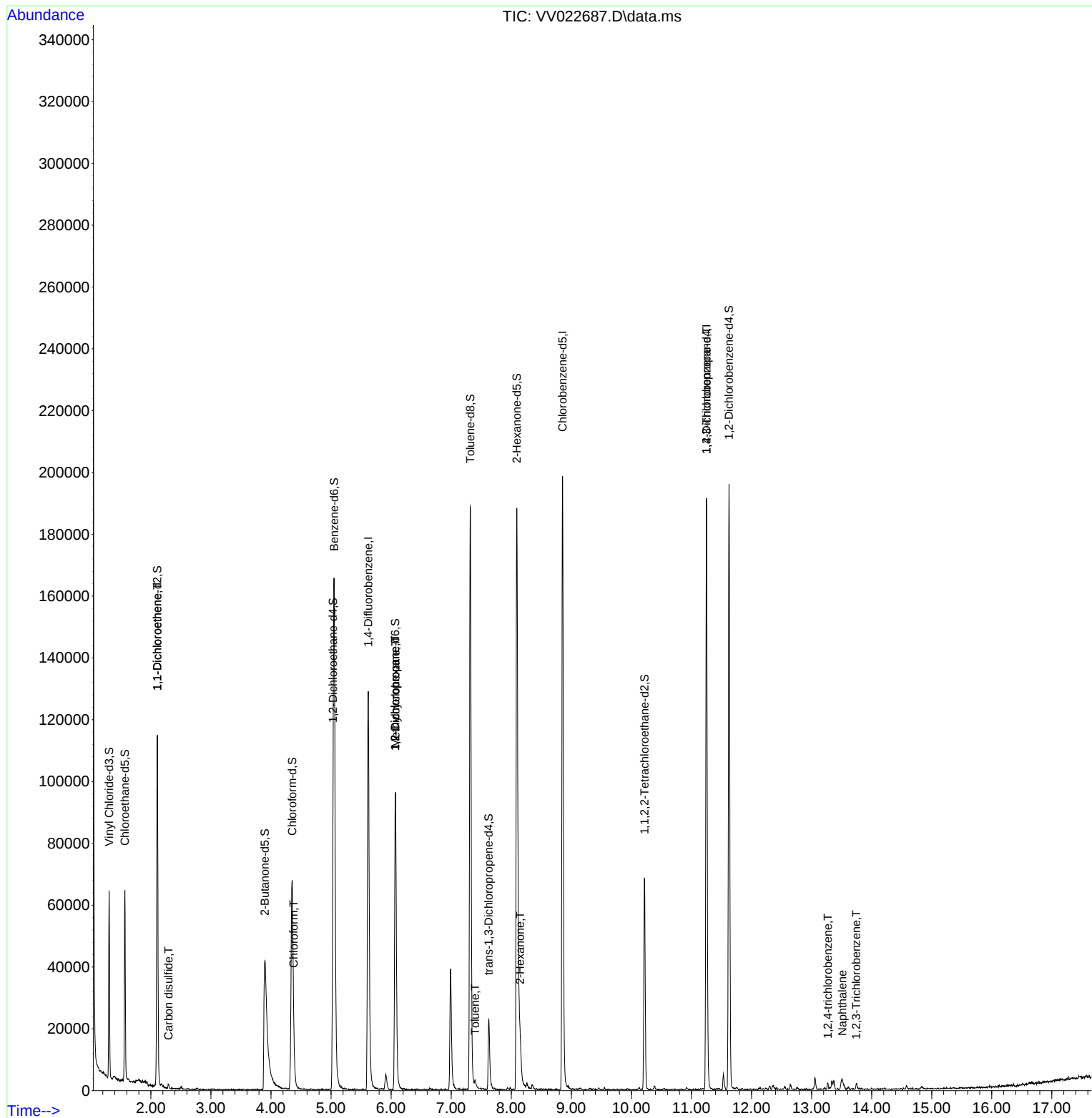
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	116656	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	115746	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53029	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	37662	4.692	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.800%
7) Chloroethane-d5	1.568	69	36634	5.079	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.108	63	58103	3.690	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.800%
20) 2-Butanone-d5	3.899	46	99102	47.091	ug/L	-0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.180%
24) Chloroform-d	4.352	84	72247	4.368	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.034	65	37035	4.613	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.053	84	149883	4.350	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.069	67	47315	4.637	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.320	98	129406	4.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	7.625	79	13493	3.986	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.091	63	61746	45.263	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.520%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	32350	4.680	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	52309	5.320	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.108	96	523	0.074	ug/L #	1
14) Carbon disulfide	2.294	76	1835	0.093	ug/L	98
25) Chloroform	4.378	83	5703	0.356	ug/L	94
35) Methylcyclohexane	6.072	83	11477	0.966	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	5565	0.742	ug/L #	84
42) Toluene	7.397	91	2279	0.072	ug/L	93
48) 2-Hexanone	8.146	43	9262	3.144	ug/L #	91
61) 1,2,3-Trichloropropane	11.249	75	5495	1.491	ug/L #	62
70) 1,2,4-trichlorobenzene	13.271	180	655	0.081	ug/L #	94
71) Naphthalene	13.512	128	2679	0.207	ug/L #	95
72) 1,2,3-Trichlorobenzene	13.744	180	860	0.112	ug/L #	92

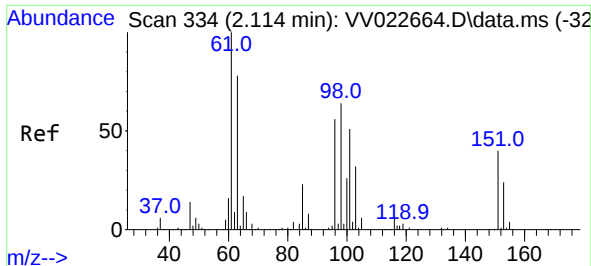
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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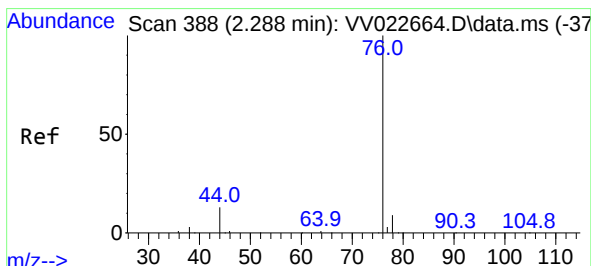
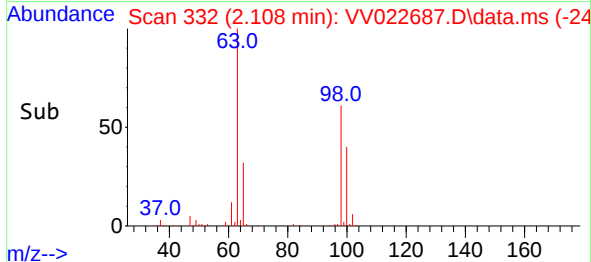
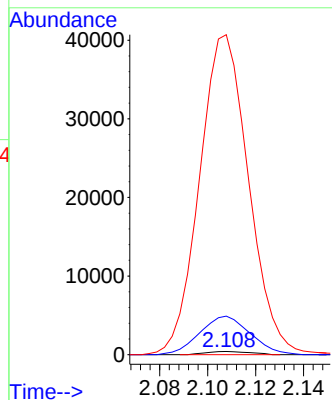
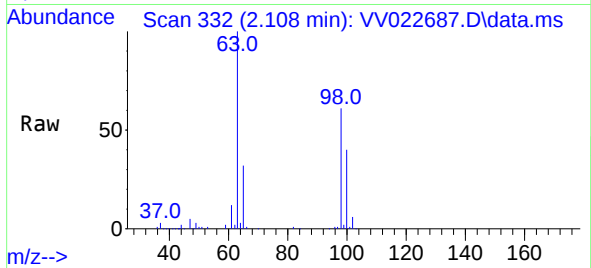




#12
1,1-Dichloroethene
Concen: 0.074 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.006 min
Lab File: VV022687.D
Acq: 08 Oct 2021 01:04

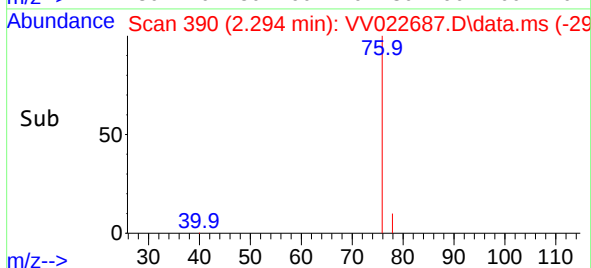
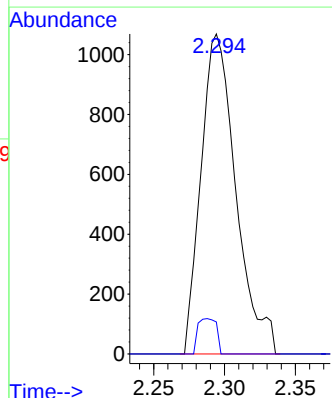
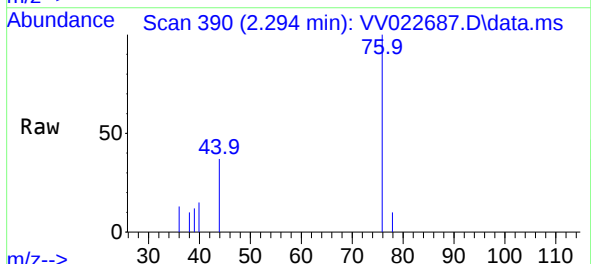
Instrument :
MSVOA_V
ClientSampled :

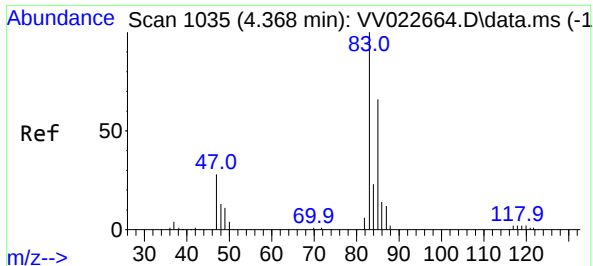
Tgt Ion: 96 Resp: 523
Ion Ratio Lower Upper
96 100
61 1212.6 127.3 236.5#
63 10075.2 106.2 197.2#



#14
Carbon disulfide
Concen: 0.093 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.006 min
Lab File: VV022687.D
Acq: 08 Oct 2021 01:04

Tgt Ion: 76 Resp: 1835
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.0





#25

Chloroform

Concen: 0.356 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.010 min

Lab File: VV022687.D

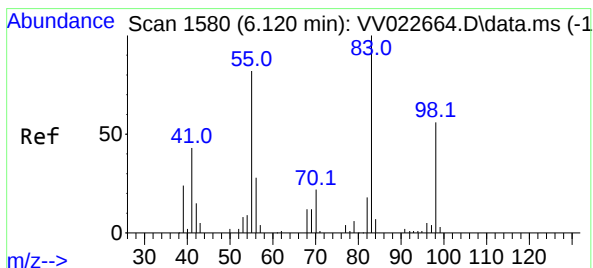
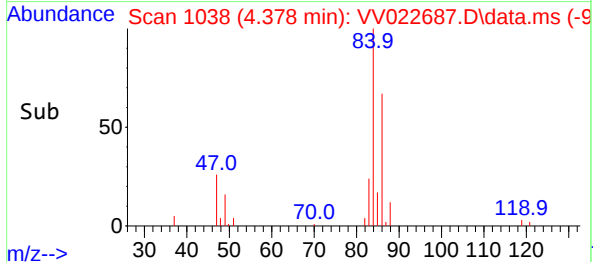
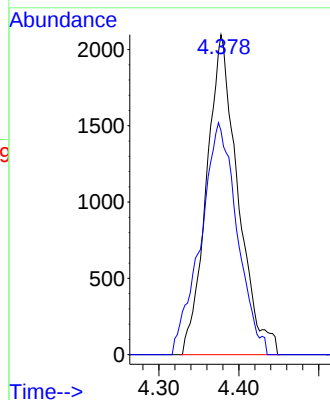
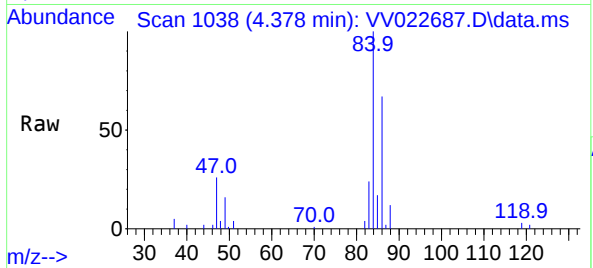
Acq: 08 Oct 2021 01:04

Tgt Ion: 83 Resp: 5703

Ion Ratio Lower Upper

83 100

85 70.0 45.7 84.9



#35

Methylcyclohexane

Concen: 0.966 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.048 min

Lab File: VV022687.D

Acq: 08 Oct 2021 01:04

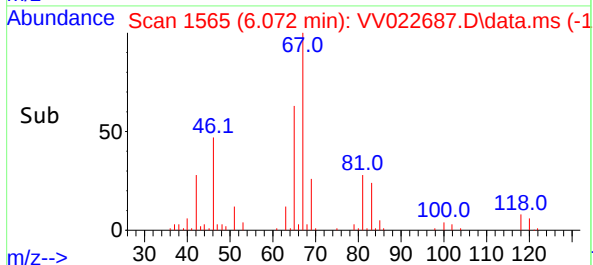
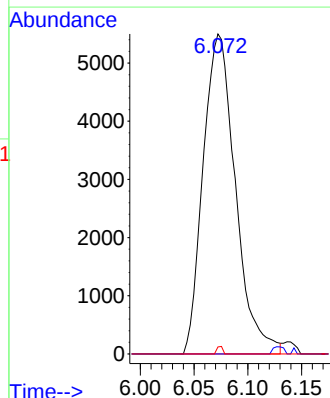
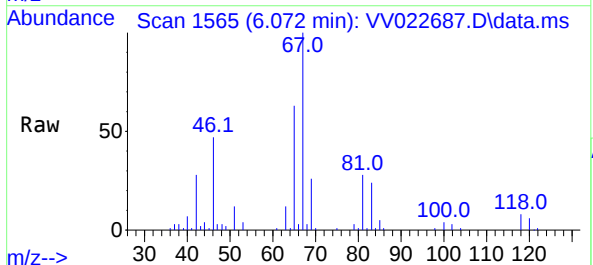
Tgt Ion: 83 Resp: 11477

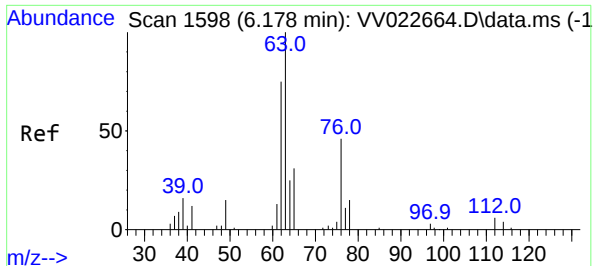
Ion Ratio Lower Upper

83 100

55 0.8 63.8 95.6#

98 0.4 42.1 63.1#

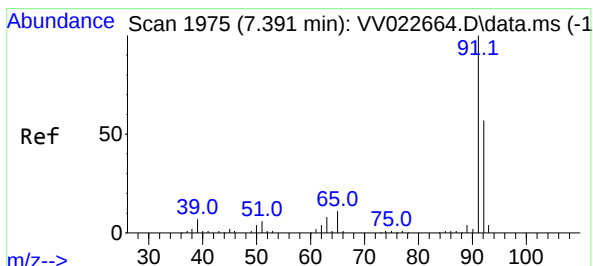
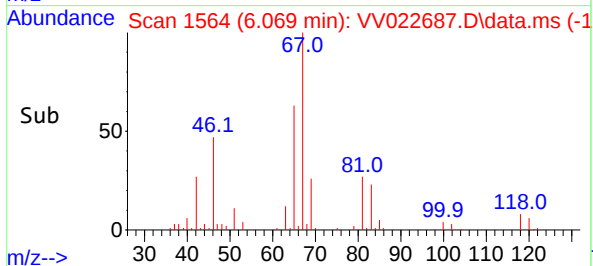
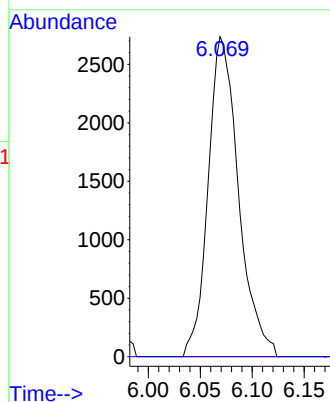
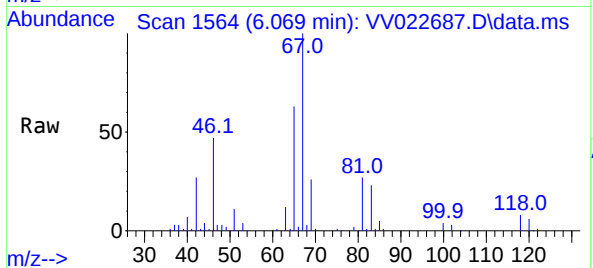




#37
1,2-Dichloropropane
Concen: 0.742 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.109 min
Lab File: VV022687.D
Acq: 08 Oct 2021 01:04

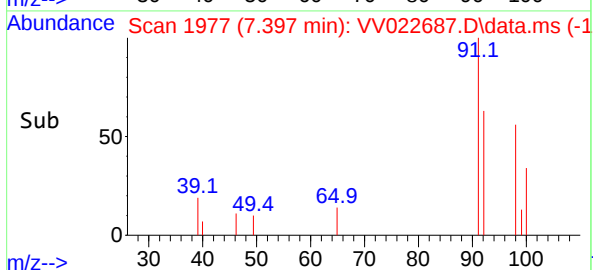
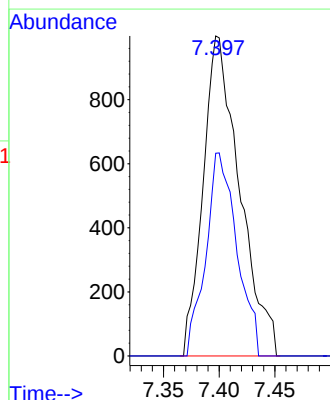
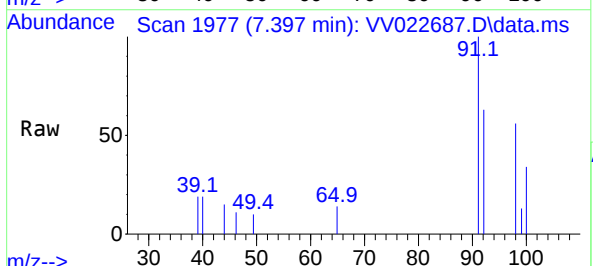
Instrument :
MSVOA_V
ClientSampled :

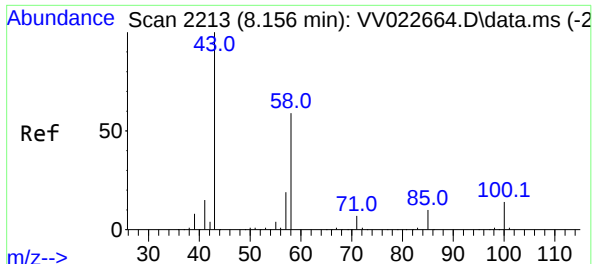
Tgt Ion: 63 Resp: 5565
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#



#42
Toluene
Concen: 0.072 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VV022687.D
Acq: 08 Oct 2021 01:04

Tgt Ion: 91 Resp: 2279
Ion Ratio Lower Upper
91 100
92 63.4 40.7 75.7



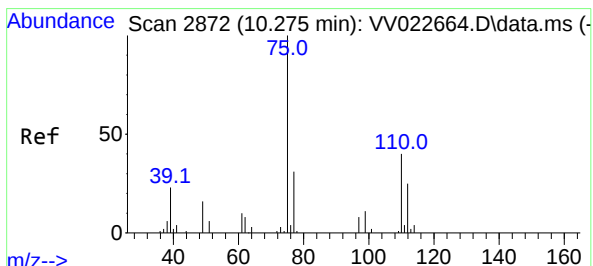
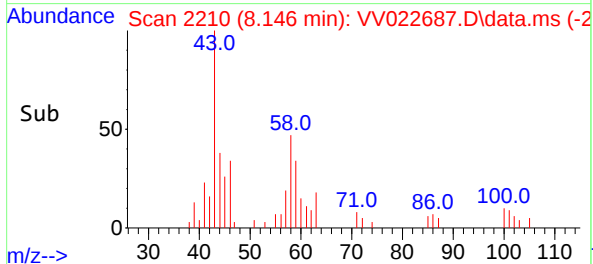
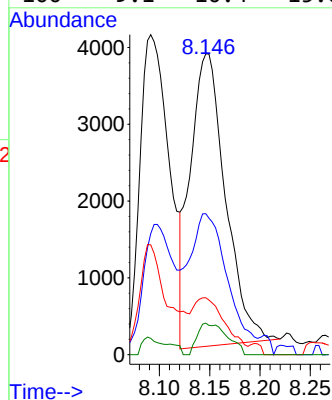
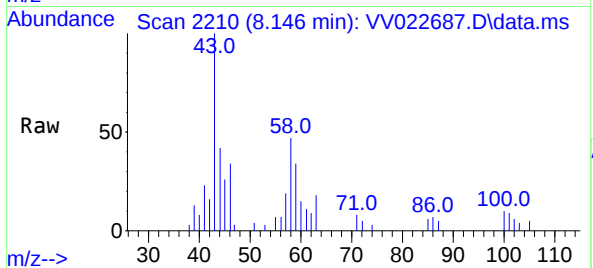


#48
2-Hexanone
Concen: 3.144 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. -0.010 min
Lab File: VV022687.D
Acq: 08 Oct 2021 01:04

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 9262

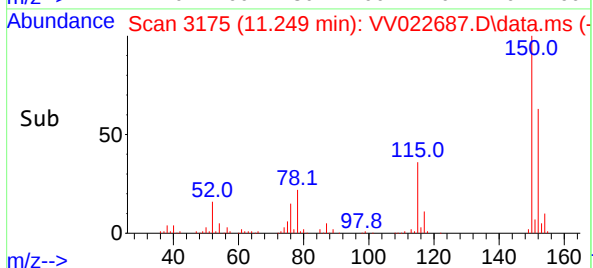
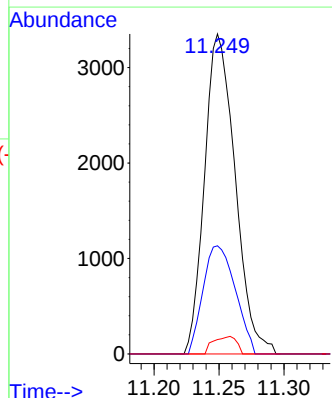
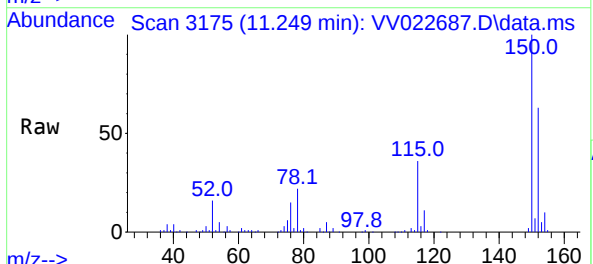
Ion	Ratio	Lower	Upper
43	100		
58	50.8	47.4	71.0
57	17.6	15.3	22.9
100	9.1	10.4	15.6#

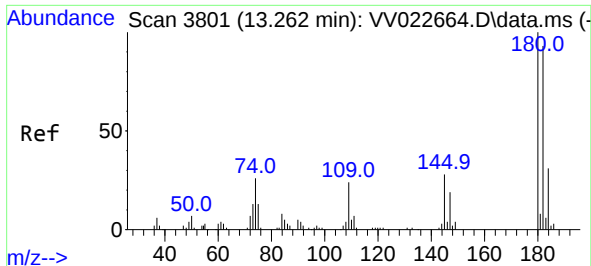


#61
1,2,3-Trichloropropane
Concen: 1.491 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022687.D
Acq: 08 Oct 2021 01:04

Tgt Ion: 75 Resp: 5495

Ion	Ratio	Lower	Upper
75	100		
77	35.6	25.4	38.2
110	4.1	34.2	51.4#

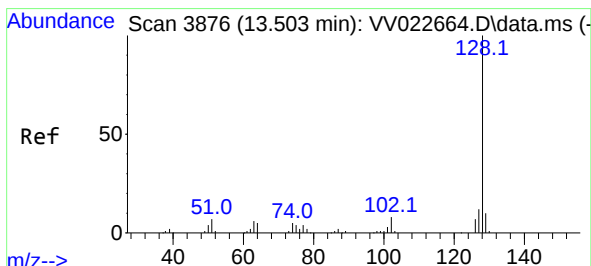
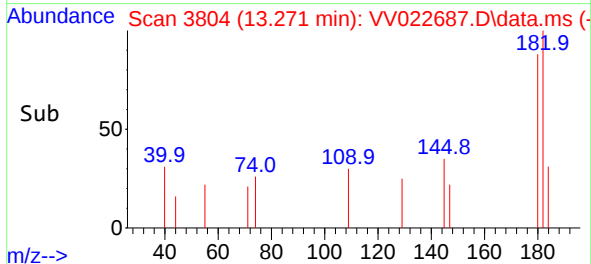
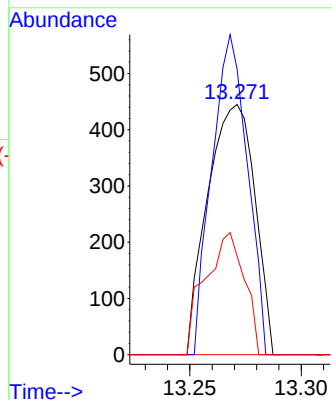
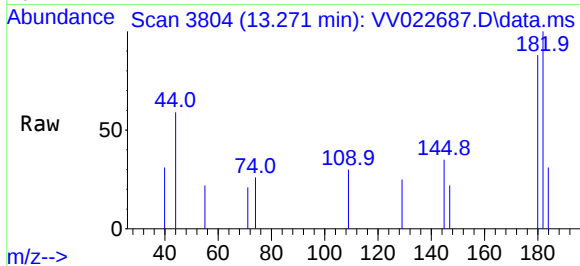




#70
1,2,4-trichlorobenzene
Concen: 0.081 ug/L
RT: 13.271 min Scan# 3804
Delta R.T. 0.010 min
Lab File: VV022687.D
Acq: 08 Oct 2021 01:04

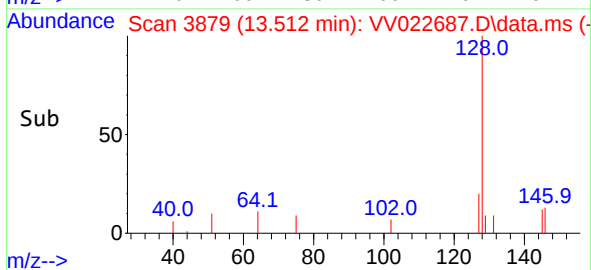
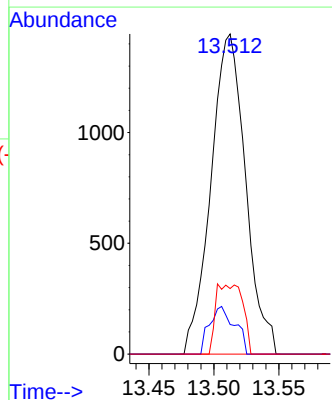
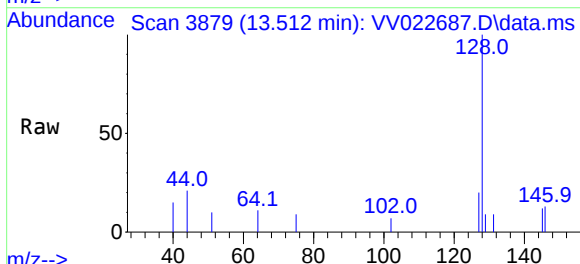
Instrument :
MSVOA_V
ClientSampleId :

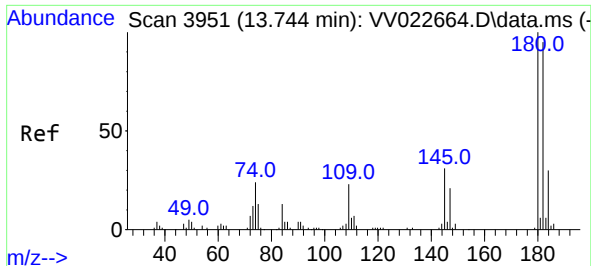
Tgt Ion:180 Resp: 655
Ion Ratio Lower Upper
180 100
182 96.2 76.0 114.0
145 40.6 24.1 36.1#



#71
Naphthalene
Concen: 0.207 ug/L
RT: 13.512 min Scan# 3879
Delta R.T. 0.010 min
Lab File: VV022687.D
Acq: 08 Oct 2021 01:04

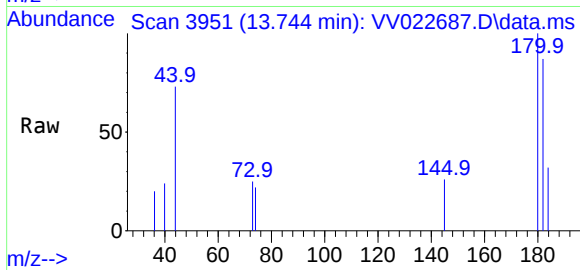
Tgt Ion:128 Resp: 2679
Ion Ratio Lower Upper
128 100
129 10.8 9.3 13.9
127 16.8 10.8 16.2#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.112 ug/L
 RT: 13.744 min Scan# 3951
 Delta R.T. -0.000 min
 Lab File: VV022687.D
 Acq: 08 Oct 2021 01:04

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 860
 Ion Ratio Lower Upper
 180 100
 182 100.9 75.5 113.3
 145 38.4 24.7 37.1#

