

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121921\
 Data File : VW024112.D
 Acq On : 20 Dec 2021 01:01
 Operator : SY/MD
 Sample : M5148-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 20 04:20:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 20 04:04:22 2021
 Response via : Initial Calibration

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

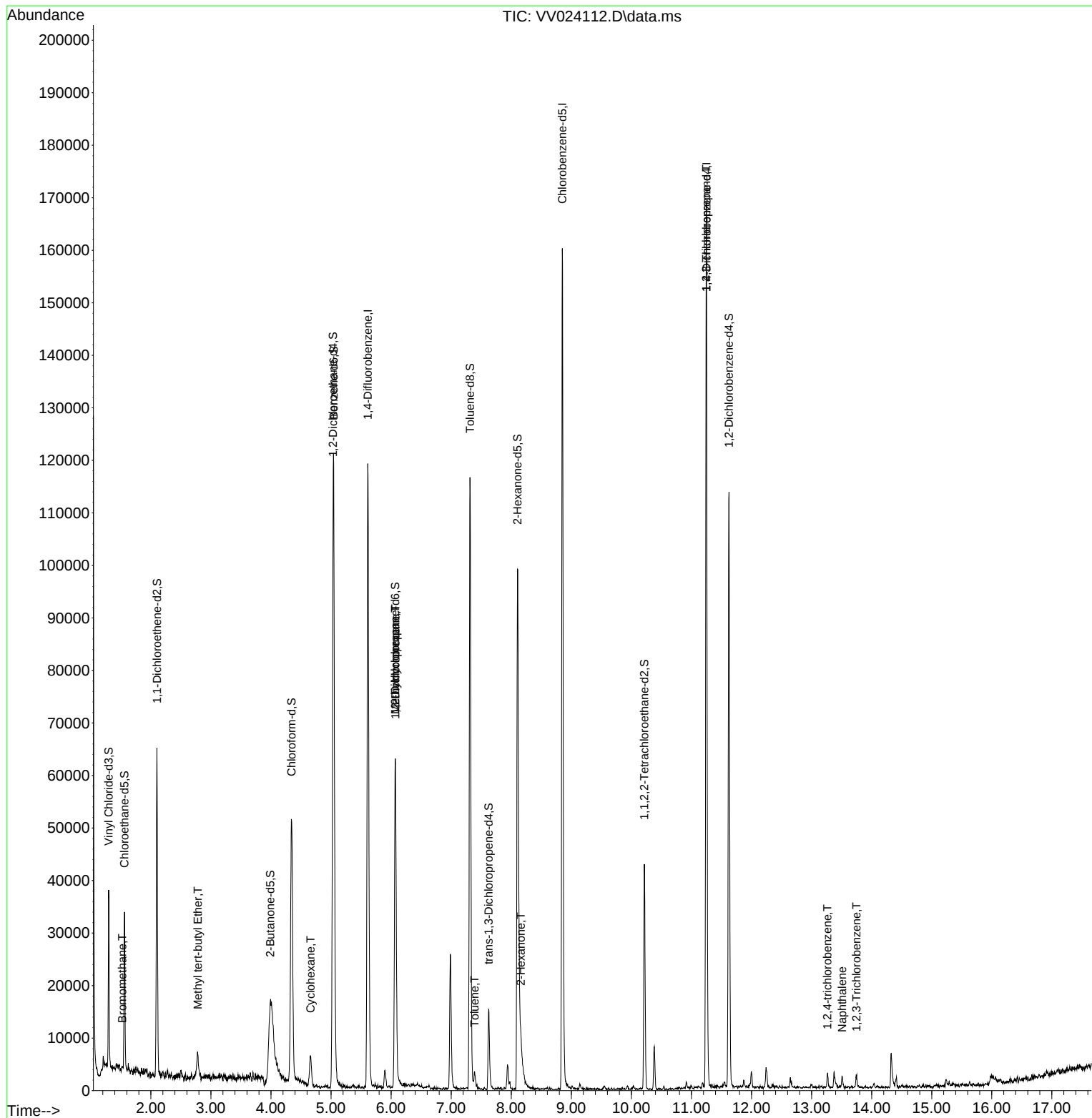
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	100749	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	89478	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	45757	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	18720	3.456	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.200%
7) Chloroethane-d5	1.561	69	17417	3.854	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.000%
11) 1,1-Dichloroethene-d2	2.101	63	30235	2.860	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.200%#
20) 2-Butanone-d5	3.989	46	52326	49.450	ug/L	0.08
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.900%
24) Chloroform-d	4.343	84	50529	4.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
26) 1,2-Dichloroethane-d4	5.034	65	26399	4.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.043	84	96697	5.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.200%
36) 1,2-Dichloropropane-d6	6.069	67	28008	5.238	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.800%
41) Toluene-d8	7.313	98	76914	4.821	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	7.625	79	8377	3.777	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.600%
46) 2-Hexanone-d5	8.104	63	36434	36.691	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.380%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	18612	4.196	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	30327	4.962	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						Qvalue
6) Bromomethane	1.523	94	279	0.054	ug/L	85
17) Methyl tert-butyl Ether	2.780	73	5032	0.329	ug/L #	91
30) Cyclohexane	4.658	56	2958	0.319	ug/L	98
35) Methylcyclohexane	6.069	83	7375	0.702	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	3366	0.559	ug/L #	84
42) Toluene	7.391	91	2218	0.078	ug/L	97
48) 2-Hexanone	8.159	43	4080	1.947	ug/L #	46
61) 1,2,3-Trichloropropane	11.246	75	4704	1.509	ug/L #	61
70) 1,2,4-trichlorobenzene	13.262	180	866	0.098	ug/L #	83
71) Naphthalene	13.509	128	1849	0.145	ug/L #	93
72) 1,2,3-Trichlorobenzene	13.747	180	734	0.094	ug/L #	77

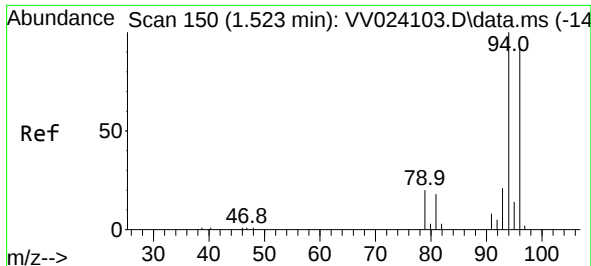
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121921\
Data File : VV024112.D
Acq On : 20 Dec 2021 01:01
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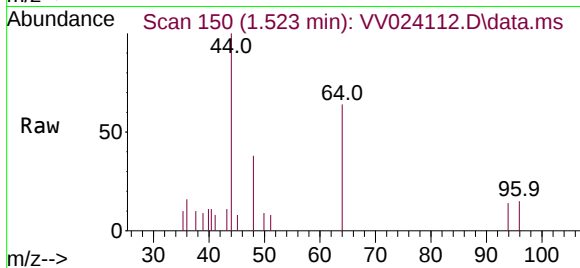
Quant Time: Dec 20 04:20:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Dec 20 04:04:22 2021
Response via : Initial Calibration



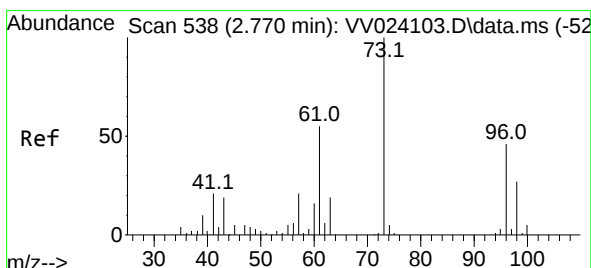
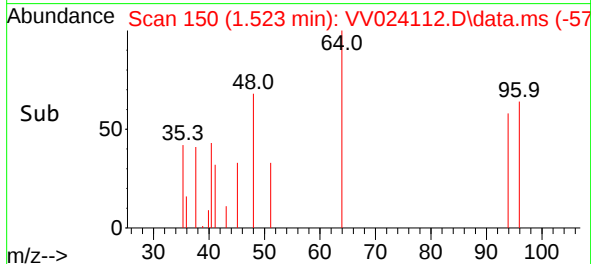
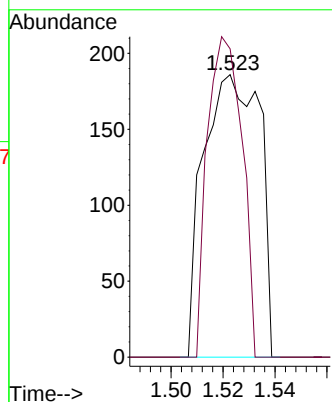


#6
Bromomethane
Concen: 0.054 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV024112.D
Acq: 20 Dec 2021 01:01

Instrument :
MSVOA_V
ClientSampleId :

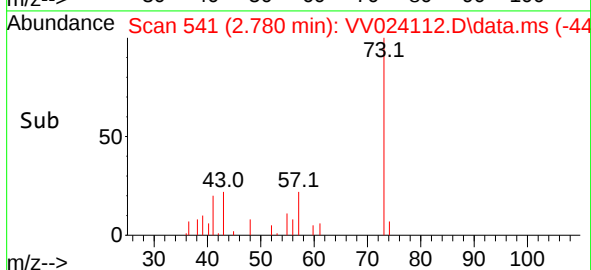
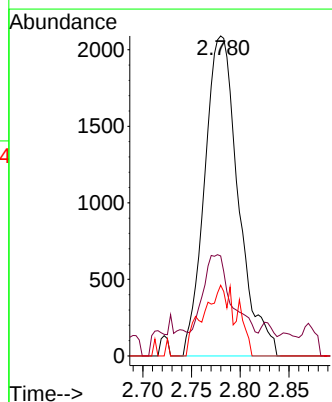
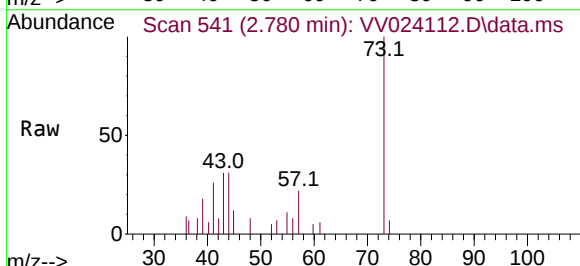


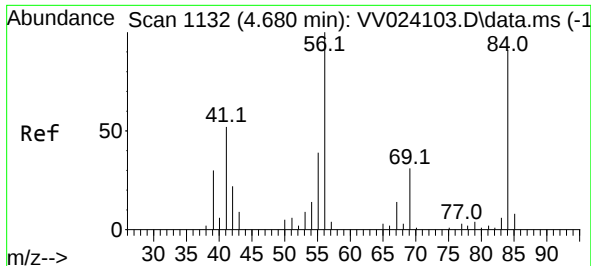
Tgt Ion: 94 Resp: 279
Ion Ratio Lower Upper
94 100
96 109.1 66.2 123.0



#17
Methyl tert-butyl Ether
Concen: 0.329 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.010 min
Lab File: VV024112.D
Acq: 20 Dec 2021 01:01

Tgt Ion: 73 Resp: 5032
Ion Ratio Lower Upper
73 100
43 24.8 15.5 23.3#
57 18.7 17.1 25.7





#30

Cyclohexane

Concen: 0.319 ug/L

RT: 4.658 min Scan# 1125

Delta R.T. -0.022 min

Lab File: VV024112.D

Acq: 20 Dec 2021 01:01

Instrument :

MSVOA_V

ClientSampleId :

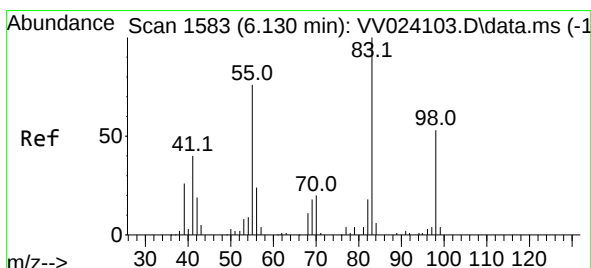
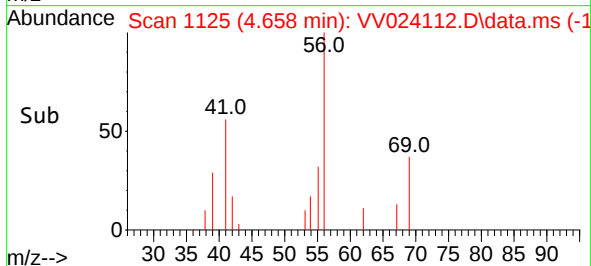
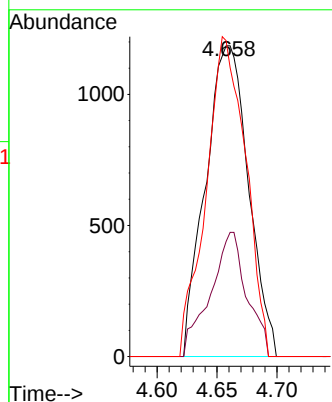
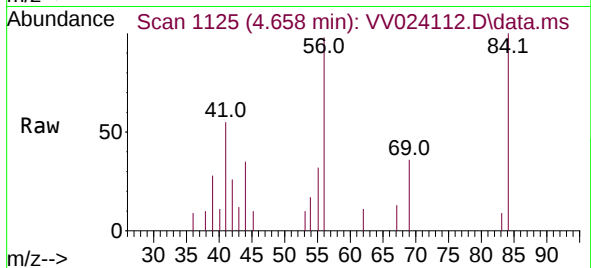
Tgt Ion: 56 Resp: 2958

Ion Ratio Lower Upper

56 100

69 33.9 24.8 37.2

84 94.5 75.9 113.9



#35

Methylcyclohexane

Concen: 0.702 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.061 min

Lab File: VV024112.D

Acq: 20 Dec 2021 01:01

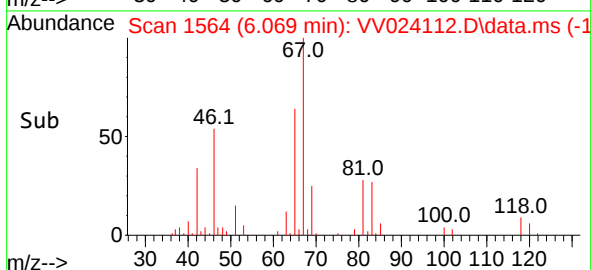
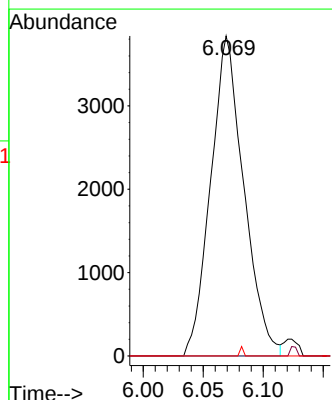
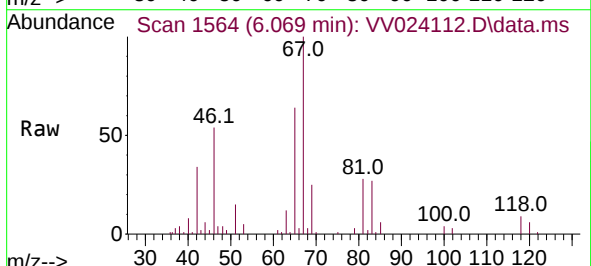
Tgt Ion: 83 Resp: 7375

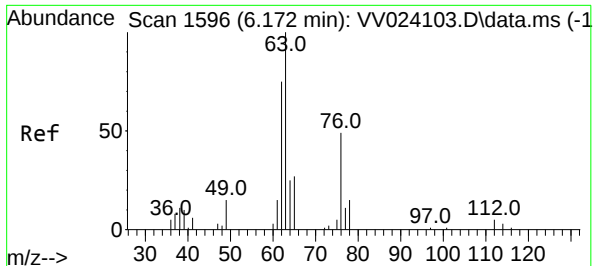
Ion Ratio Lower Upper

83 100

55 0.6 60.2 90.2#

98 0.3 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.559 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV024112.D

Acq: 20 Dec 2021 01:01

Instrument :

MSVOA_V

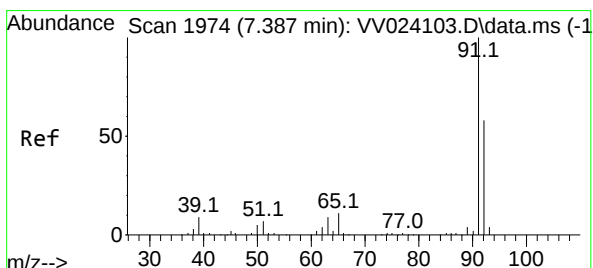
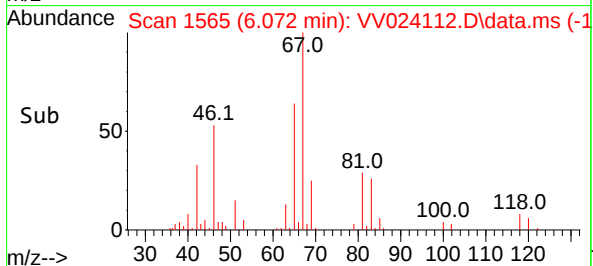
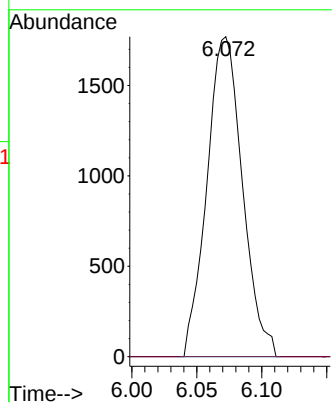
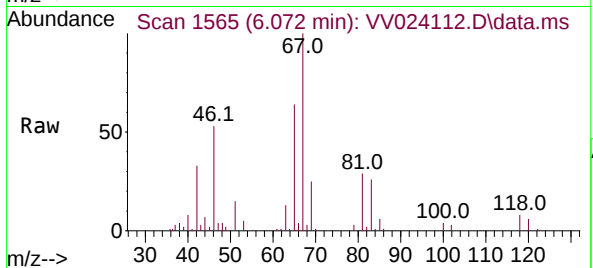
ClientSampleId :

Tgt Ion: 63 Resp: 3366

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#42

Toluene

Concen: 0.078 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV024112.D

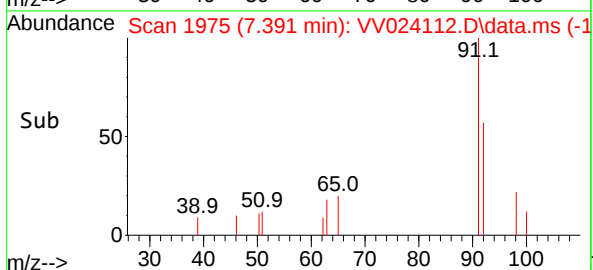
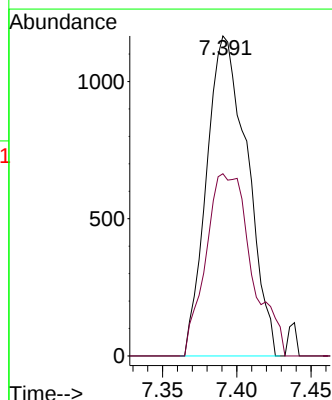
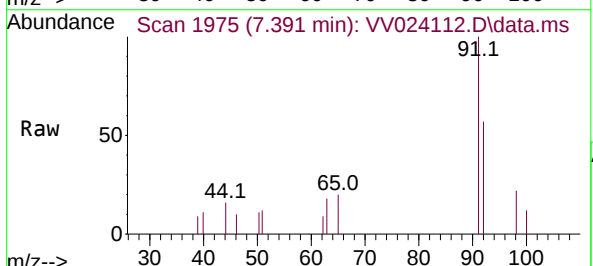
Acq: 20 Dec 2021 01:01

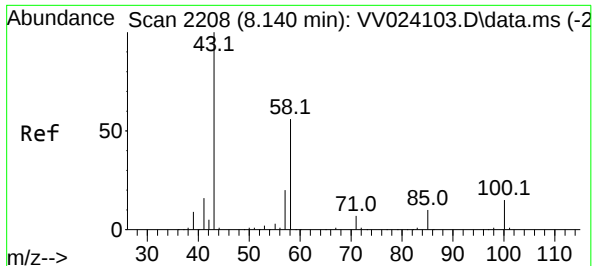
Tgt Ion: 91 Resp: 2218

Ion Ratio Lower Upper

91 100

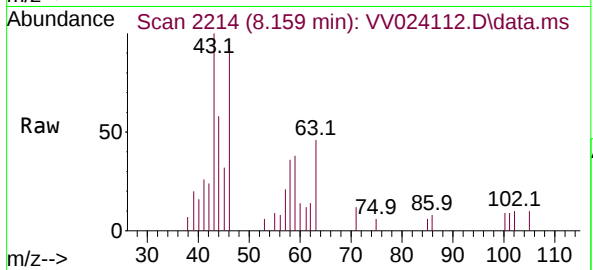
92 56.9 41.5 77.1



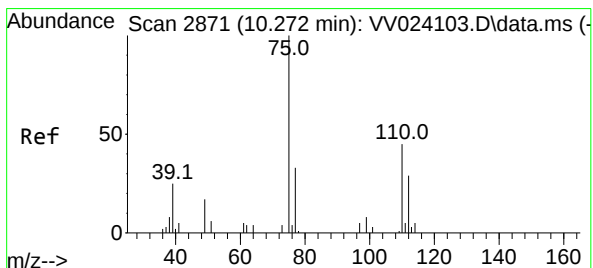
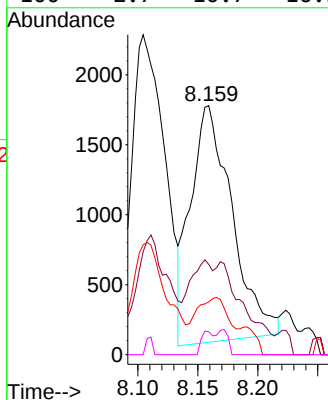
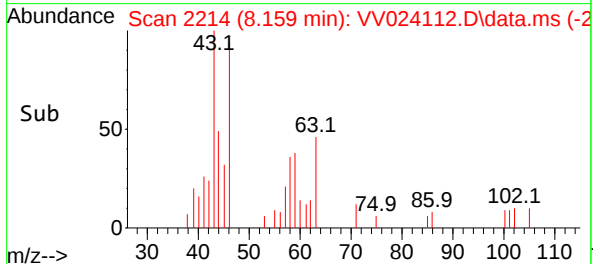


#48
2-Hexanone
Concen: 1.947 ug/L
RT: 8.159 min Scan# 211
Delta R.T. 0.019 min
Lab File: VV024112.D
Acq: 20 Dec 2021 01:01

Instrument :
MSVOA_V
ClientSampleId :

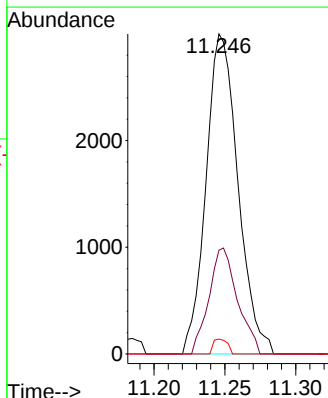
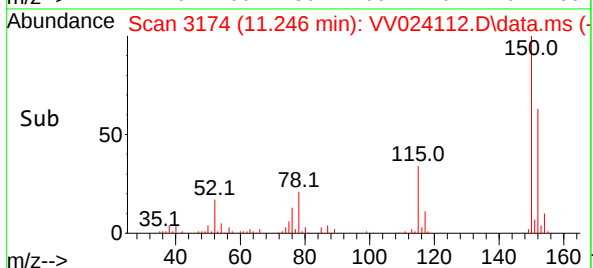
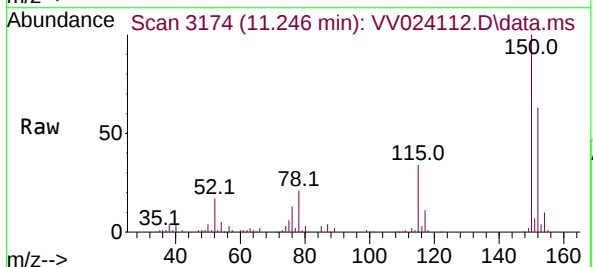


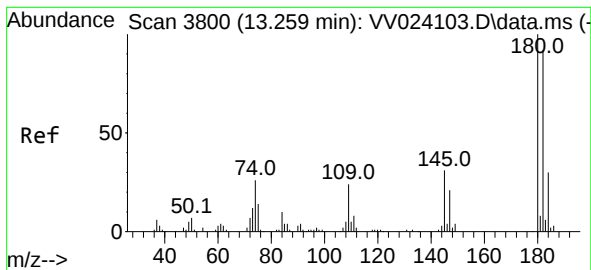
Tgt Ion	Ratio	Lower	Upper
43	100		
58	8.2	44.5	66.7#
57	0.0	15.1	22.7#
100	2.7	10.7	16.1#



#61
1,2,3-Trichloropropane
Concen: 1.509 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV024112.D
Acq: 20 Dec 2021 01:01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.6	26.4	39.6
110	2.0	34.2	51.2#





#70

1,2,4-trichlorobenzene

Concen: 0.098 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV024112.D

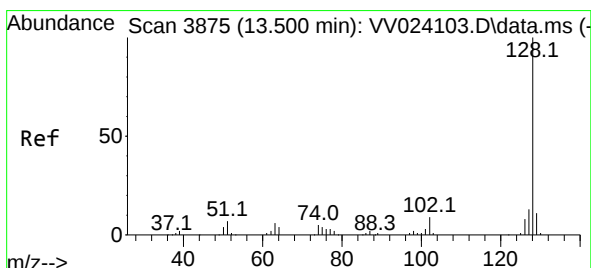
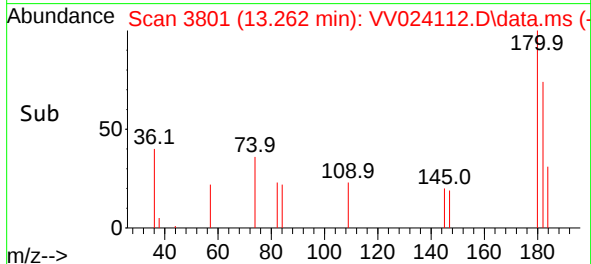
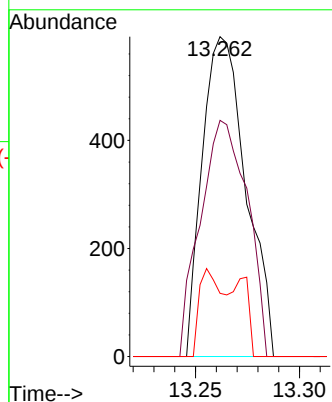
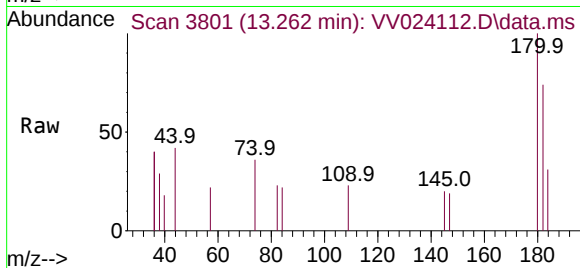
Acq: 20 Dec 2021 01:01

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180	Resp:	866
Ion Ratio	Lower	Upper
180	100	
182	79.4	74.4 111.6
145	14.9	23.3 34.9#



#71

Naphthalene

Concen: 0.145 ug/L

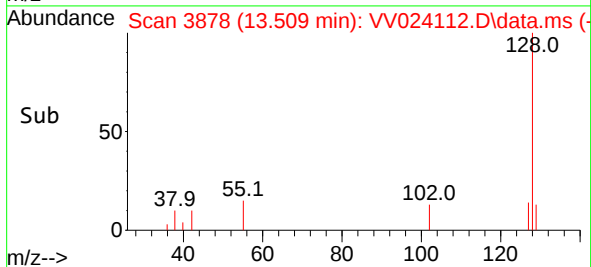
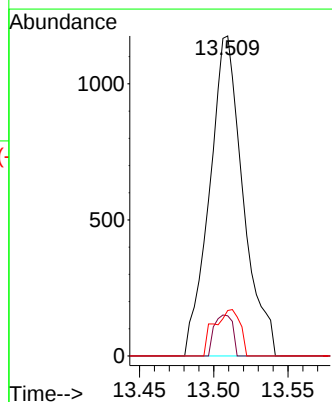
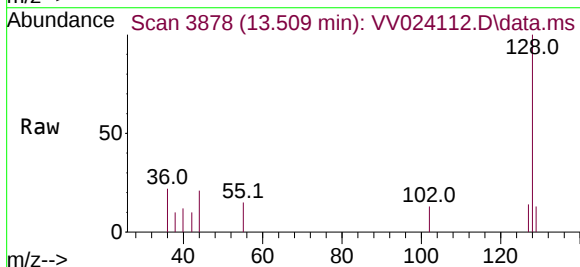
RT: 13.509 min Scan# 3878

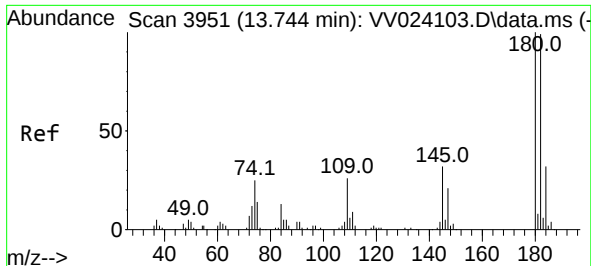
Delta R.T. 0.010 min

Lab File: VV024112.D

Acq: 20 Dec 2021 01:01

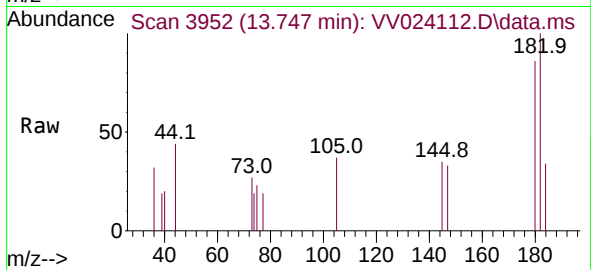
Tgt Ion:128	Resp:	1849
Ion Ratio	Lower	Upper
128	100	
129	7.0	9.0 13.4#
127	11.2	10.2 15.4





#72
 1,2,3-Trichlorobenzene
 Concen: 0.094 ug/L
 RT: 13.747 min Scan# 3951
 Delta R.T. 0.003 min
 Lab File: VV024112.D
 Acq: 20 Dec 2021 01:01

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 734
 Ion Ratio Lower Upper
 180 100
 182 119.6 76.8 115.2#
 145 20.7 25.8 38.6#

