

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111021\
 Data File : VV023392.D
 Acq On : 11 Nov 2021 16:55
 Operator : SY/MD
 Sample : VV1110WBL03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 12 02:06:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 12 02:02:21 2021
 Response via : Initial Calibration

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

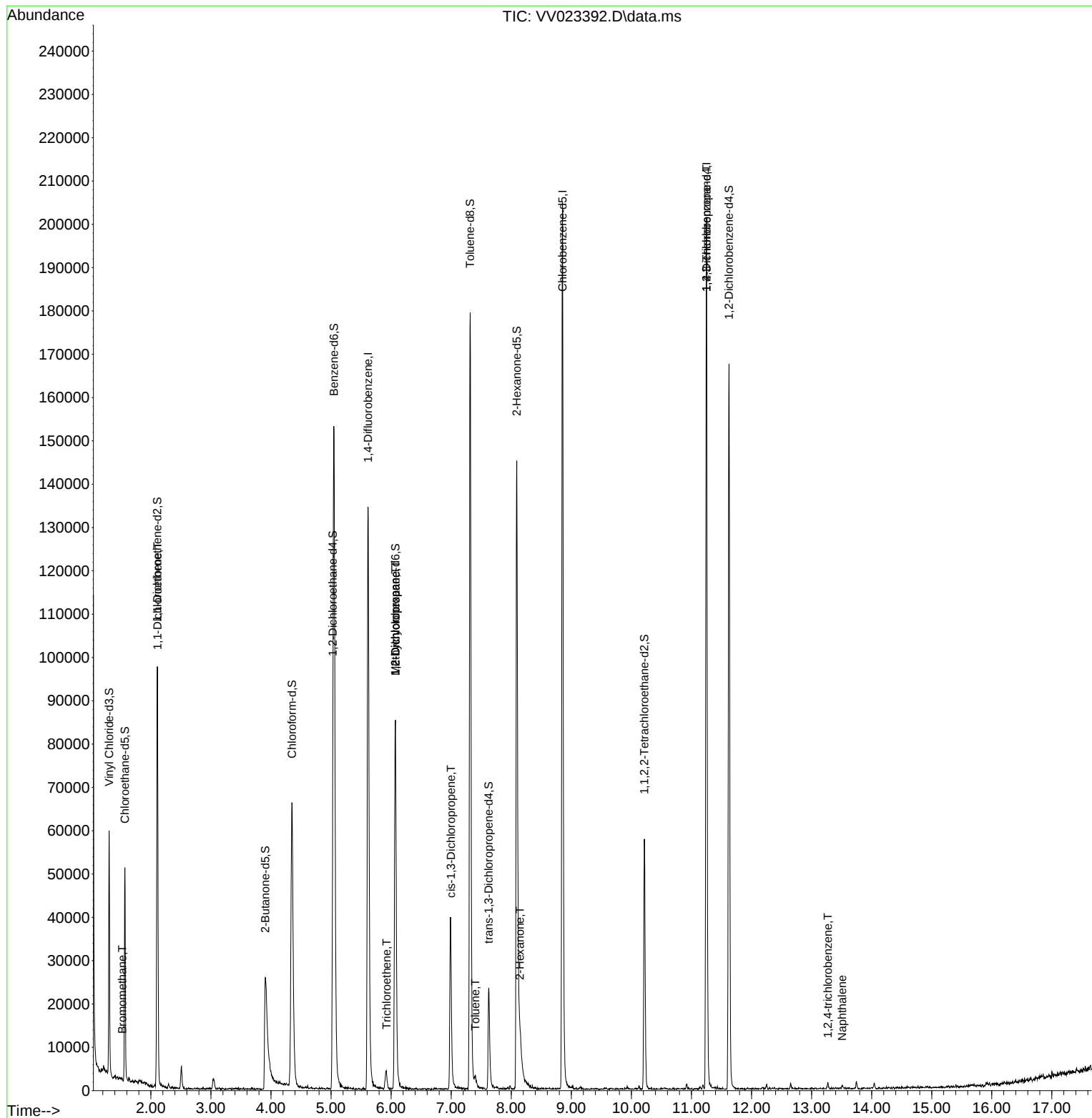
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	119921	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	117855	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53348	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34960	4.654	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.568	69	28577	4.667	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.108	63	49604	3.527	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.600%
20) 2-Butanone-d5	3.905	46	59463	45.943	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.880%
24) Chloroform-d	4.349	84	67943	4.244	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.030	65	33917	4.711	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.050	84	138524	4.581	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.072	67	41136	4.621	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.317	98	119154	4.205	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	7.625	79	14437	4.277	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.091	63	51344	41.344	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.680%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28212	4.407	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	45564	5.129	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						Qvalue
6) Bromomethane	1.523	94	370	0.058	ug/L	83
12) 1,1-Dichloroethene	2.111	96	541	0.076	ug/L #	1
34) Trichloroethene	5.924	95	563	0.064	ug/L	82
35) Methylcyclohexane	6.072	83	10872	0.786	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	4937	0.642	ug/L #	83
39) cis-1,3-Dichloropropene	6.995	75	1090	0.099	ug/L #	61
42) Toluene	7.403	91	2374	0.067	ug/L	81
48) 2-Hexanone	8.143	43	4378	1.752	ug/L #	73
61) 1,2,3-Trichloropropane	11.249	75	6280	1.772	ug/L #	63
70) 1,2,4-trichlorobenzene	13.271	180	650	0.066	ug/L #	76
71) Naphthalene	13.509	128	1095	0.076	ug/L #	82

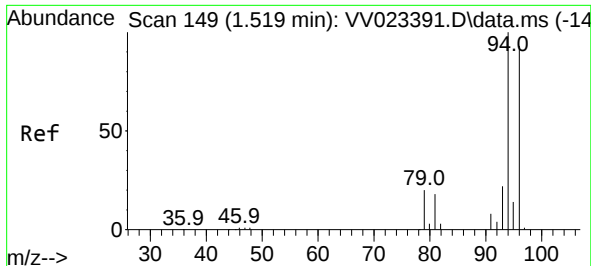
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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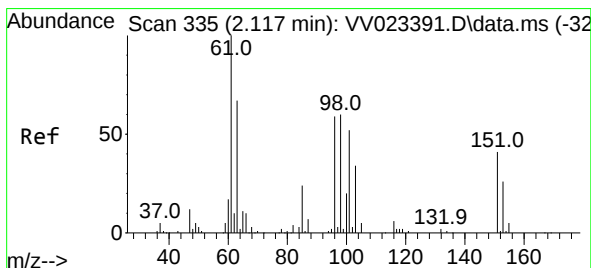
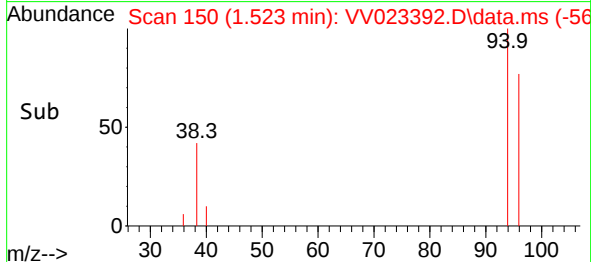
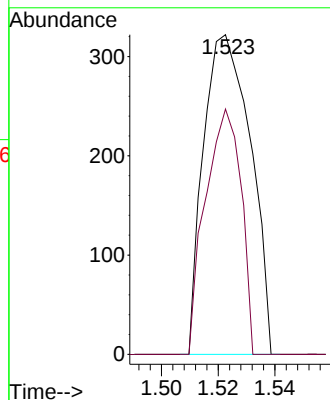
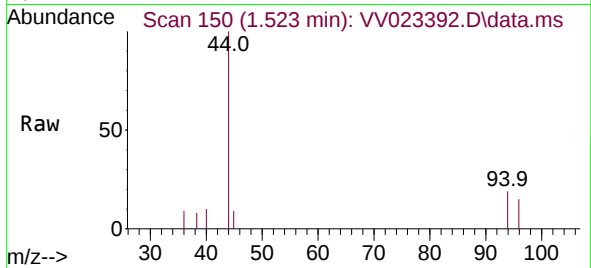




#6
Bromomethane
Concen: 0.058 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023392.D
Acq: 11 Nov 2021 16:55

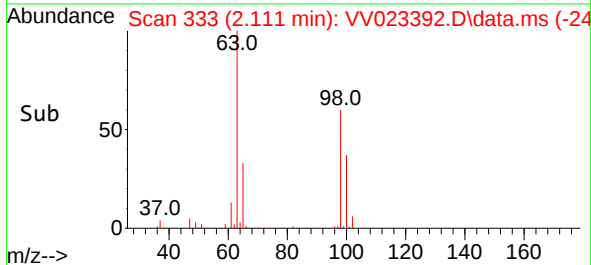
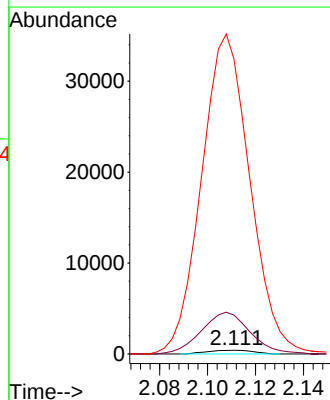
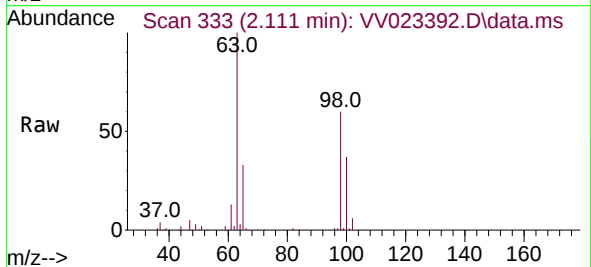
Instrument :
MSVOA_V
ClientSampleId :

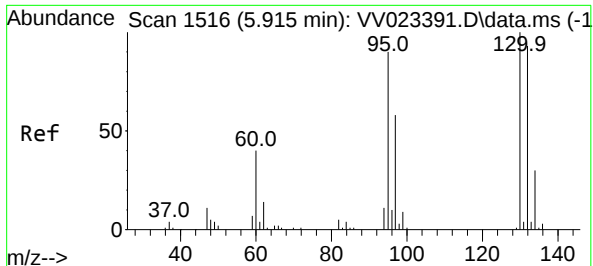
Tgt Ion: 94 Resp: 370
Ion Ratio Lower Upper
94 100
96 76.7 65.0 120.8



#12
1,1-Dichloroethene
Concen: 0.076 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.006 min
Lab File: VV023392.D
Acq: 11 Nov 2021 16:55

Tgt Ion: 96 Resp: 541
Ion Ratio Lower Upper
96 100
61 1060.1 121.5 225.7#
63 8029.7 99.6 185.0#



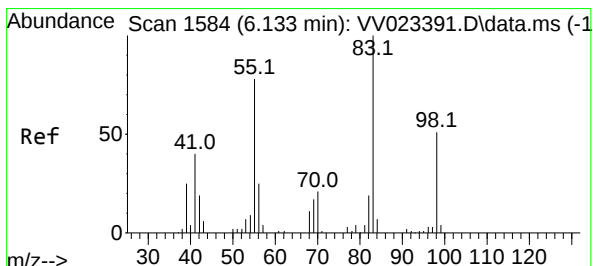
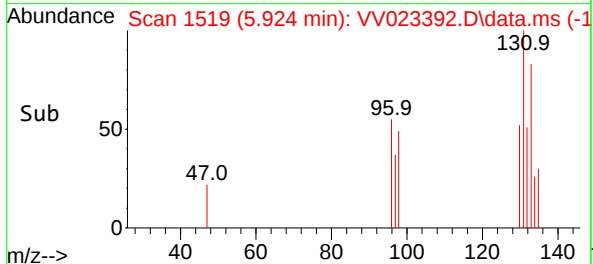
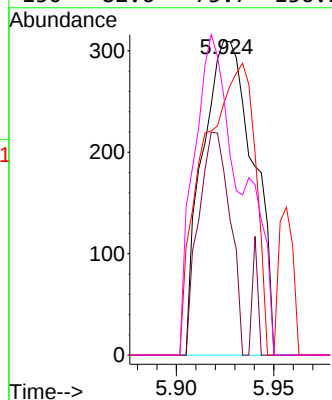
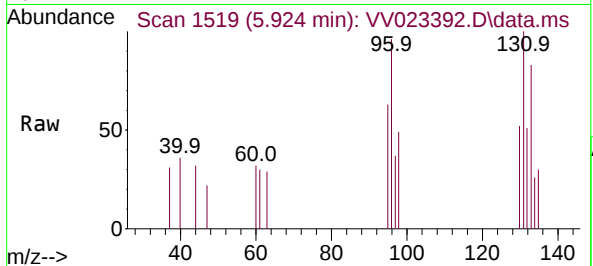


#34
Trichloroethene
Concen: 0.064 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.010 min
Lab File: VV023392.D
Acq: 11 Nov 2021 16:55

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 563

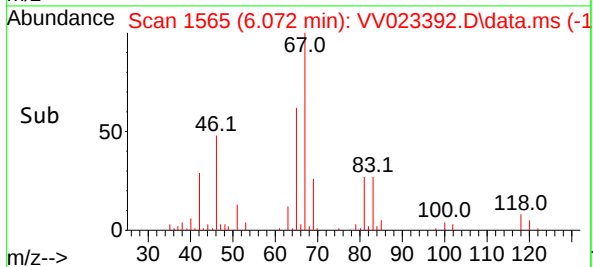
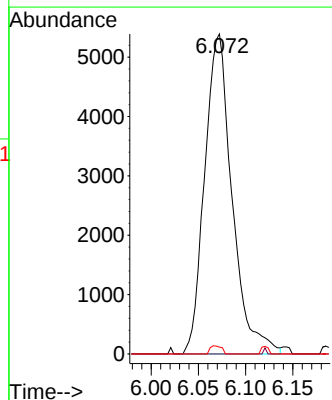
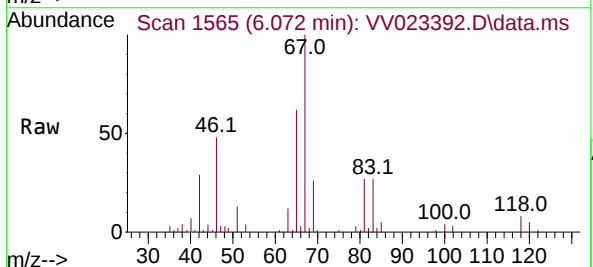
Ion	Ratio	Lower	Upper
95	100		
97	58.7	45.0	83.6
132	80.0	69.7	129.4
130	82.6	73.7	136.9

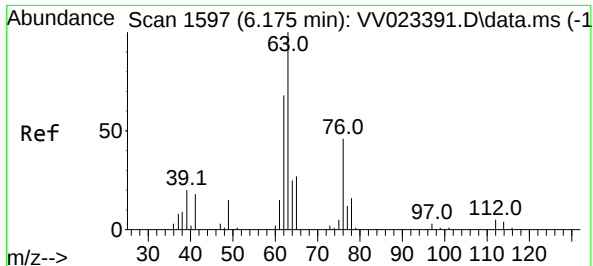


#35
Methylcyclohexane
Concen: 0.786 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV023392.D
Acq: 11 Nov 2021 16:55

Tgt Ion: 83 Resp: 10872

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.8	94.2#
98	1.1	37.9	56.9#





#37

1,2-Dichloropropane

Concen: 0.642 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV023392.D

Acq: 11 Nov 2021 16:55

Instrument :

MSVOA_V

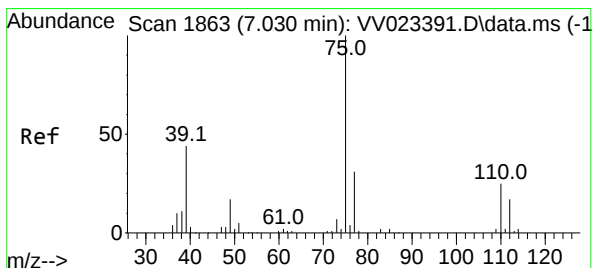
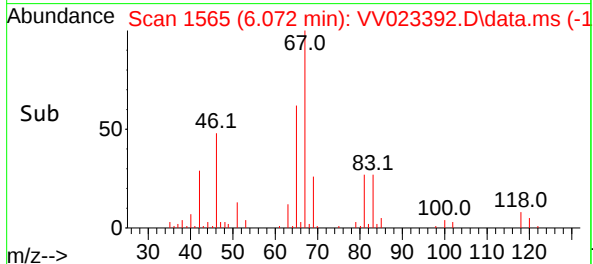
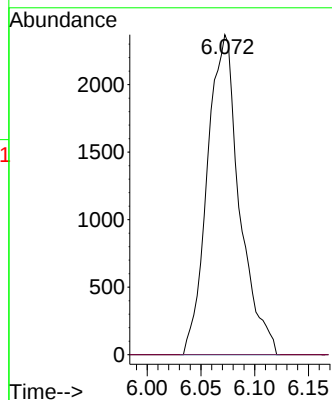
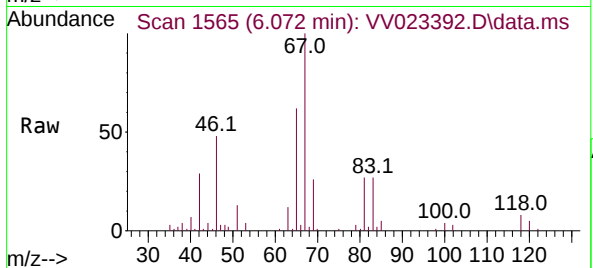
ClientSampleId :

Tgt Ion: 63 Resp: 4937

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.035 min

Lab File: VV023392.D

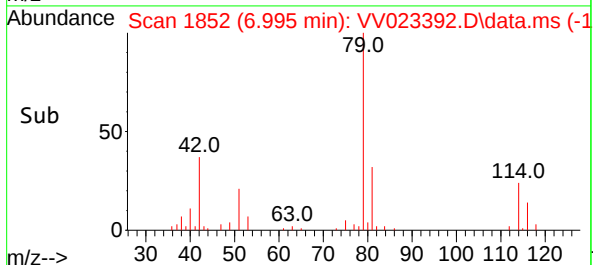
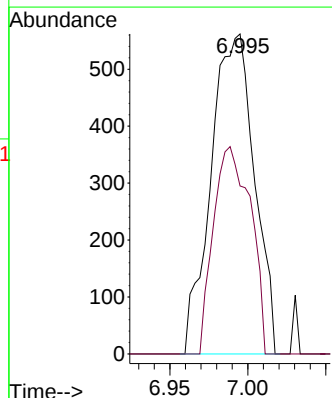
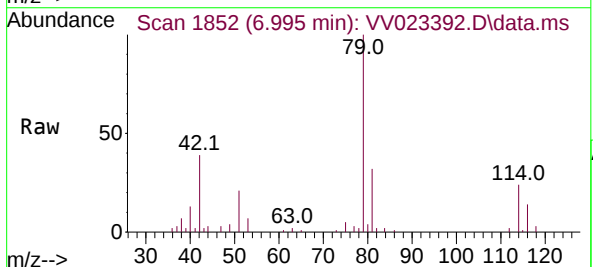
Acq: 11 Nov 2021 16:55

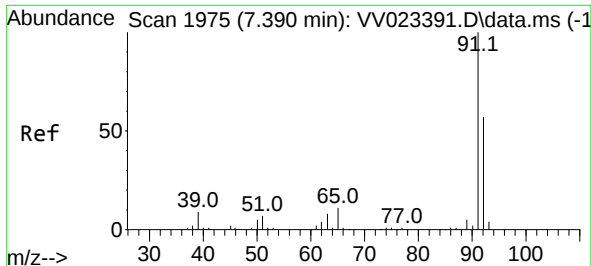
Tgt Ion: 75 Resp: 1090

Ion Ratio Lower Upper

75 100

77 52.5 21.6 40.2#





#42

Toluene

Concen: 0.067 ug/L

RT: 7.403 min Scan# 1975

Delta R.T. 0.013 min

Lab File: VV023392.D

Acq: 11 Nov 2021 16:55

Instrument :

MSVOA_V

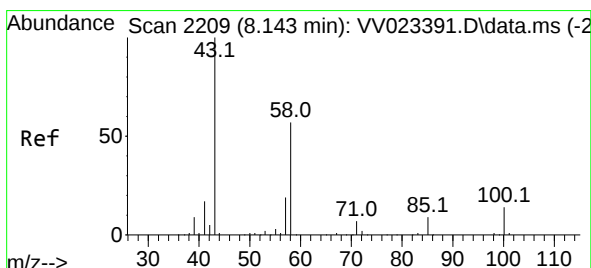
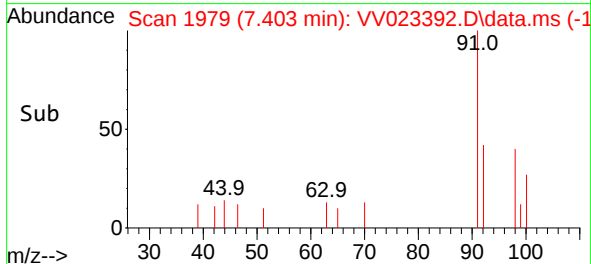
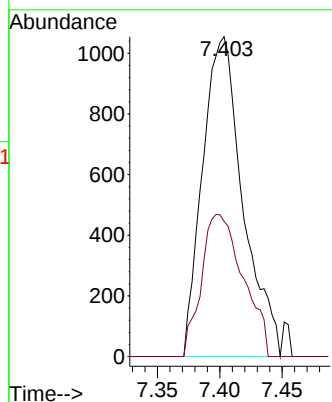
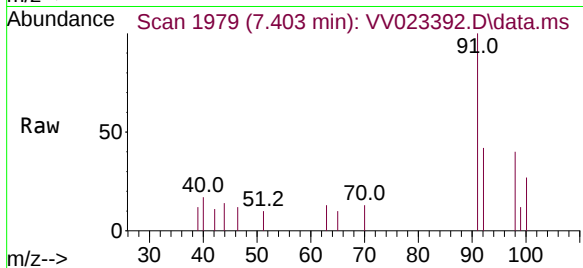
ClientSampleId :

Tgt Ion: 91 Resp: 2374

Ion Ratio Lower Upper

91 100

92 42.3 39.3 72.9



#48

2-Hexanone

Concen: 1.752 ug/L

RT: 8.143 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VV023392.D

Acq: 11 Nov 2021 16:55

Tgt Ion: 43 Resp: 4378

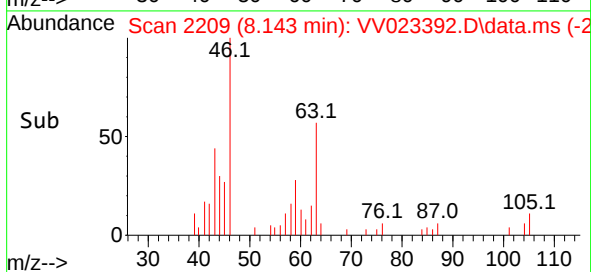
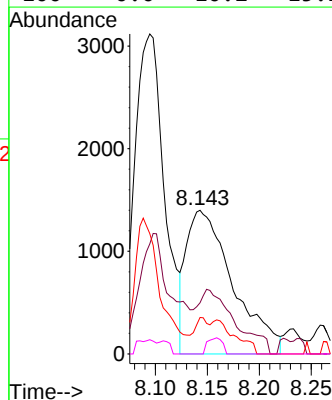
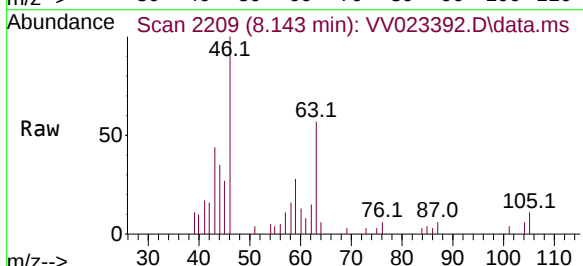
Ion Ratio Lower Upper

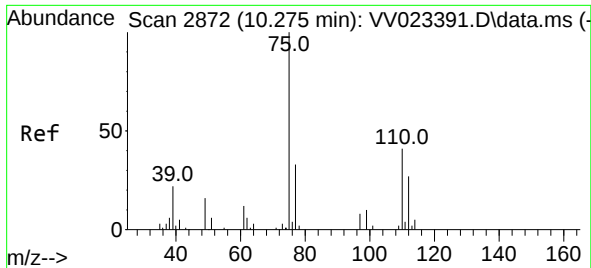
43 100

58 35.4 43.7 65.5#

57 7.8 14.1 21.1#

100 0.0 10.2 15.2#

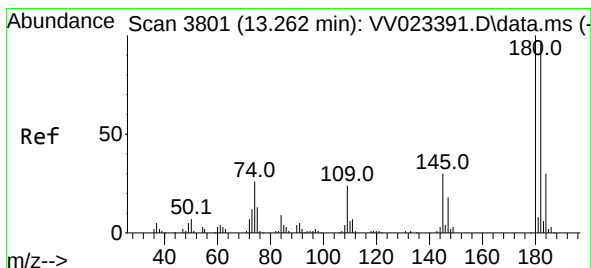
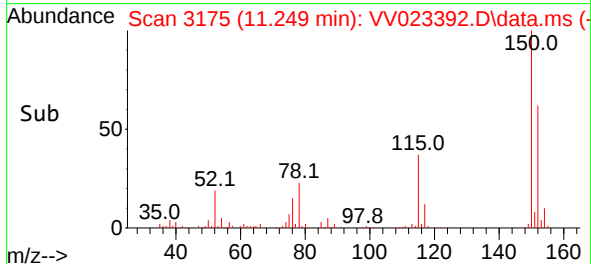
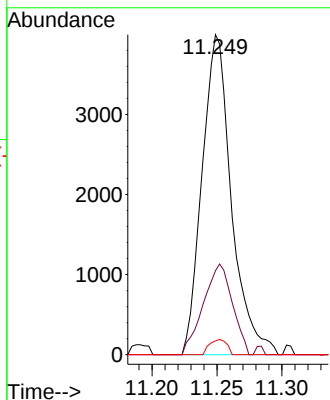
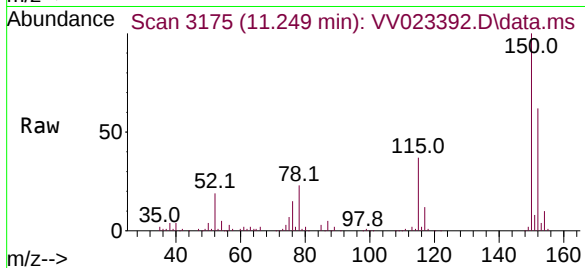




#61
1,2,3-Trichloropropane
Concen: 1.772 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV023392.D
Acq: 11 Nov 2021 16:55

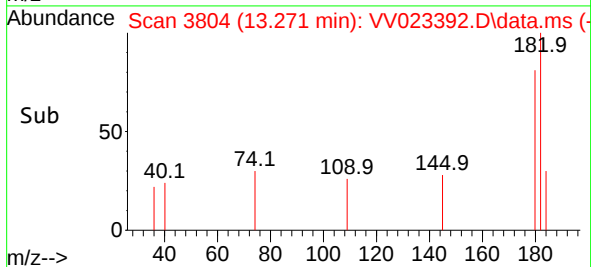
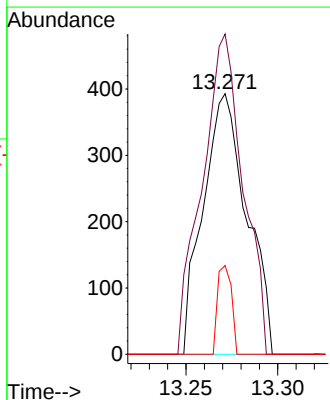
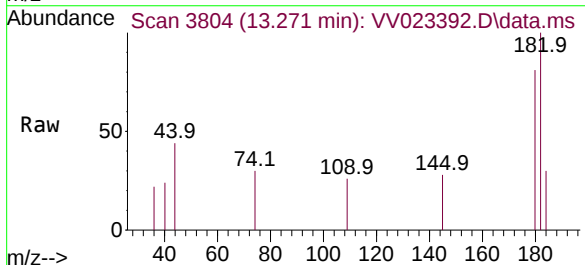
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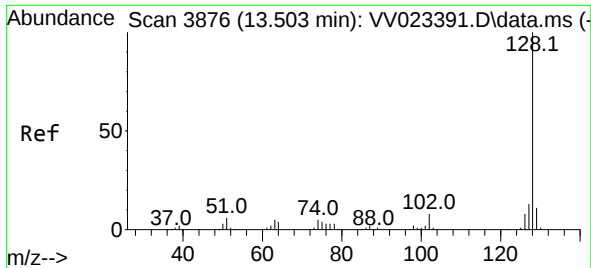
Tgt Ion: 75 Resp: 6280
Ion Ratio Lower Upper
75 100
77 28.0 26.6 39.8
110 2.8 31.8 47.6#



#70
1,2,4-trichlorobenzene
Concen: 0.066 ug/L
RT: 13.271 min Scan# 3804
Delta R.T. 0.010 min
Lab File: VV023392.D
Acq: 11 Nov 2021 16:55

Tgt Ion:180 Resp: 650
Ion Ratio Lower Upper
180 100
182 115.5 76.9 115.3#
145 10.8 24.4 36.6#





#71

Naphthalene

Concen: 0.076 ug/L

RT: 13.509 min Scan# 3876

Delta R.T. 0.006 min

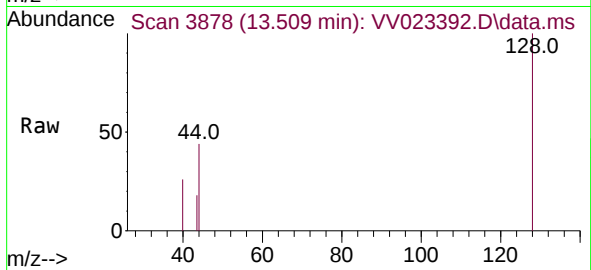
Lab File: VV023392.D

Acq: 11 Nov 2021 16:55

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 1095

Ion Ratio Lower Upper

128 100

129 3.9 8.6 13.0#

127 5.8 10.5 15.7#

