

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120821\
 Data File : VW023844.D
 Acq On : 08 Dec 2021 18:08
 Operator : SY/MD
 Sample : M4889-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0CP9

Quant Time: Dec 09 00:35:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

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

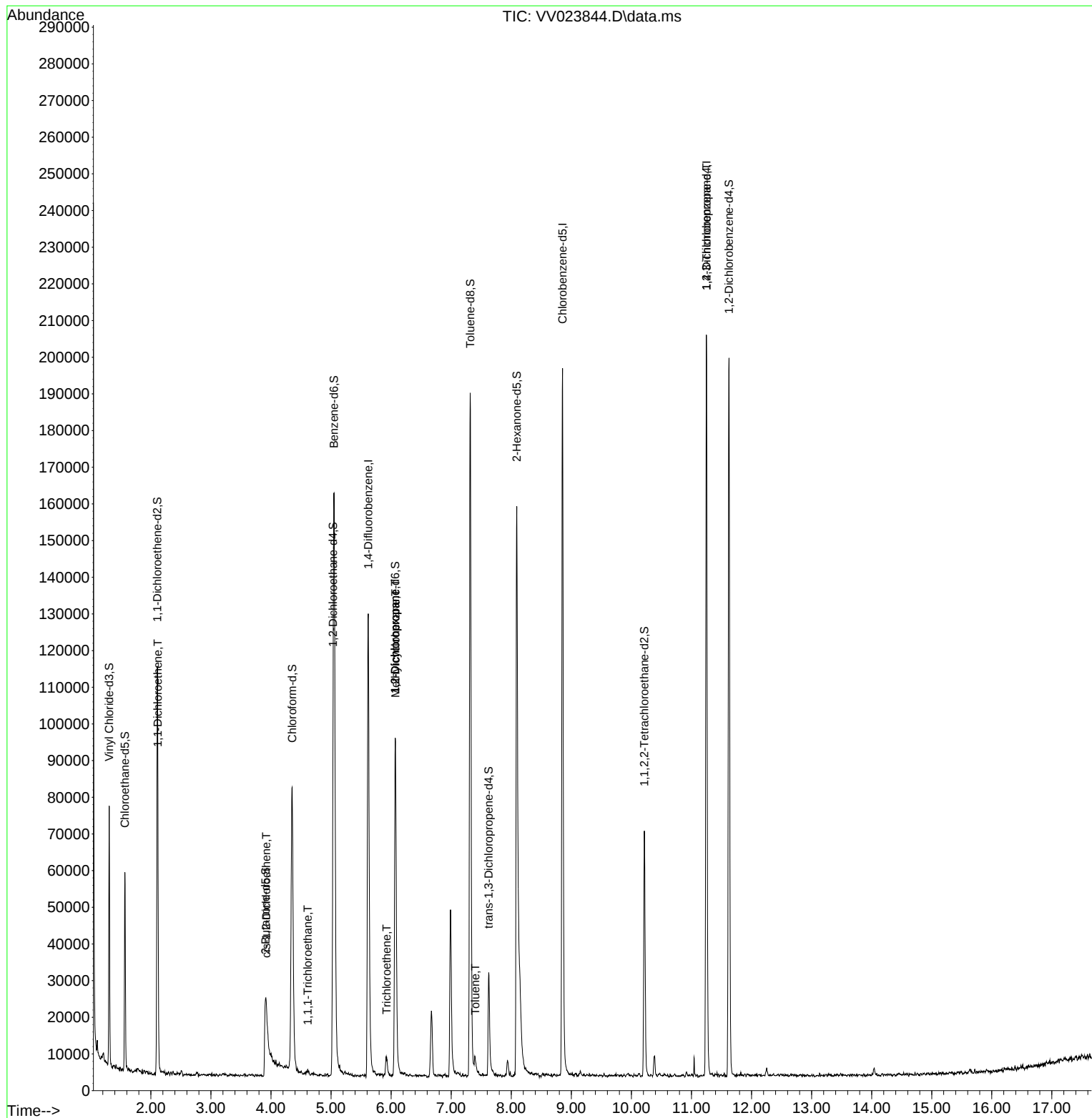
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	113599	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	109995	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56561	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39744	4.262	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	85.200%	
7) Chloroethane-d5	1.568	69	31783	4.336	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.800%	
11) 1,1-Dichloroethene-d2	2.108	63	54426	3.312	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.200%	
20) 2-Butanone-d5	3.909	46	43541	38.839	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	77.680%	
24) Chloroform-d	4.352	84	76797	4.729	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.600%	
26) 1,2-Dichloroethane-d4	5.034	65	38017	5.011	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.200%	
32) Benzene-d6	5.050	84	146308	4.883	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.600%	
36) 1,2-Dichloropropane-d6	6.069	67	41974	4.997	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.000%	
41) Toluene-d8	7.317	98	125909	4.497	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.000%	
43) trans-1,3-Dichloroprop...	7.625	79	17017	5.026	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	100.600%	
46) 2-Hexanone-d5	8.092	63	75006	66.673	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	133.340%#	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31136	5.151	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	52186	5.219	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.400%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.118	96	2493	0.328	ug/L #	1
22) cis-1,2-Dichloroethene	3.921	96	1758	0.211	ug/L	87
29) 1,1,1-Trichloroethane	4.613	97	913	0.064	ug/L #	89
34) Trichloroethene	5.925	95	1591	0.189	ug/L	85
35) Methylcyclohexane	6.072	83	11598	0.886	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	5073	0.681	ug/L #	84
42) Toluene	7.404	91	3104	0.091	ug/L	95
61) 1,2,3-Trichloropropane	11.249	75	5995	1.495	ug/L #	61

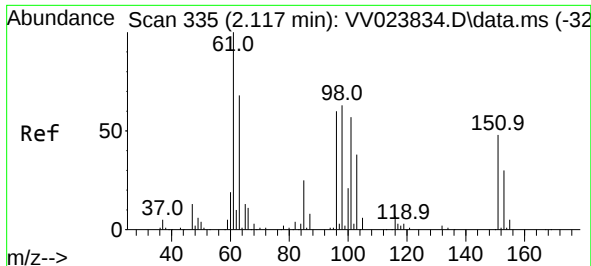
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 02 02:08:23 2021
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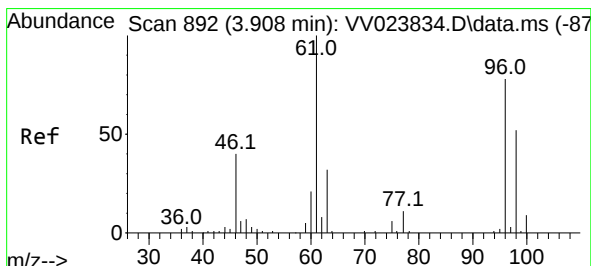
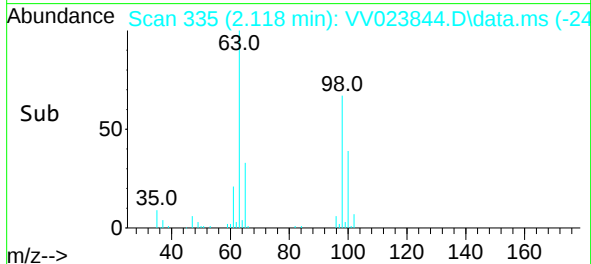
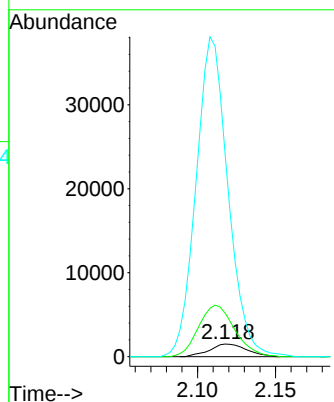
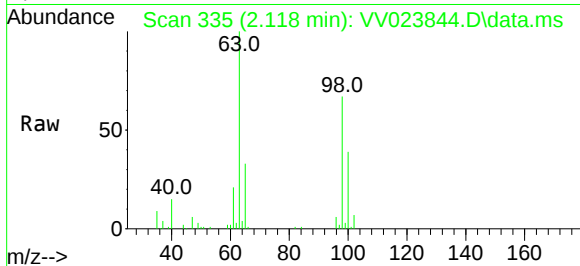




#12
1,1-Dichloroethene
Concen: 0.328 ug/L
RT: 2.118 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV023844.D
Acq: 08 Dec 2021 18:08

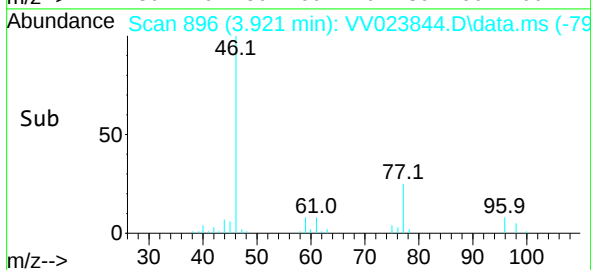
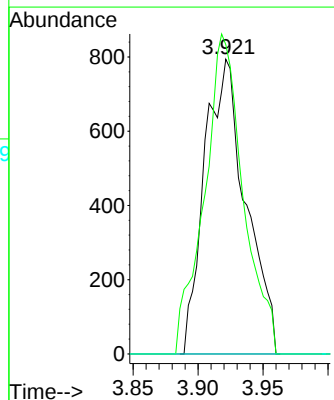
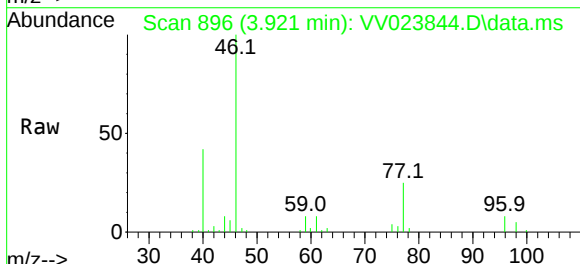
Instrument :
MSVOA_V
ClientSampleId :
C0CP9

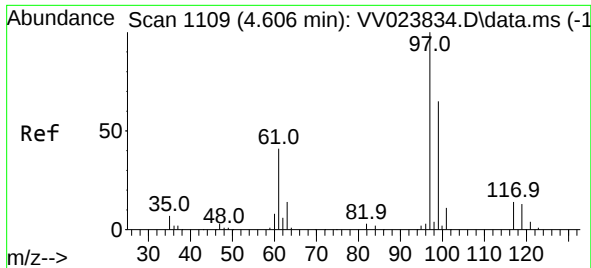
Tgt Ion: 96 Resp: 2493
Ion Ratio Lower Upper
96 100
61 343.9 116.1 215.5#
63 1606.3 79.4 147.4#



#22
cis-1,2-Dichloroethene
Concen: 0.211 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.013 min
Lab File: VV023844.D
Acq: 08 Dec 2021 18:08

Tgt Ion: 96 Resp: 1758
Ion Ratio Lower Upper
96 100
61 104.9 83.4 154.8
68 0.0 0.0 0.0





#29

1,1,1-Trichloroethane

Concen: 0.064 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.010 min

Lab File: VV023844.D

Acq: 08 Dec 2021 18:08

Instrument :

MSVOA_V

ClientSampleId :

C0CP9

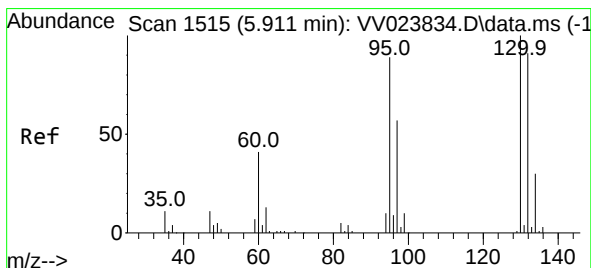
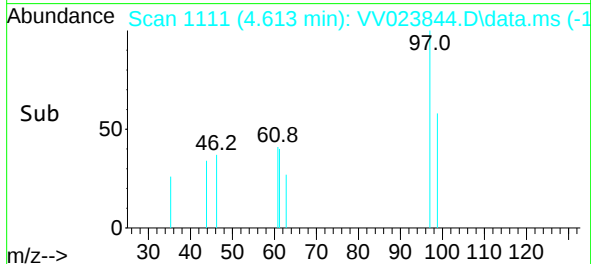
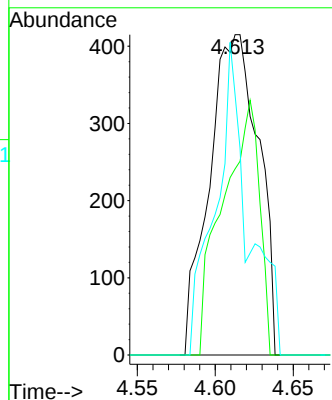
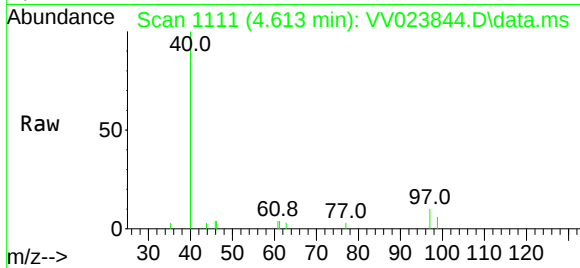
Tgt Ion: 97 Resp: 913

Ion Ratio Lower Upper

97 100

99 59.0 51.9 77.9

61 51.7 33.2 49.8#



#34

Trichloroethene

Concen: 0.189 ug/L

RT: 5.925 min Scan# 1519

Delta R.T. 0.013 min

Lab File: VV023844.D

Acq: 08 Dec 2021 18:08

Tgt Ion: 95 Resp: 1591

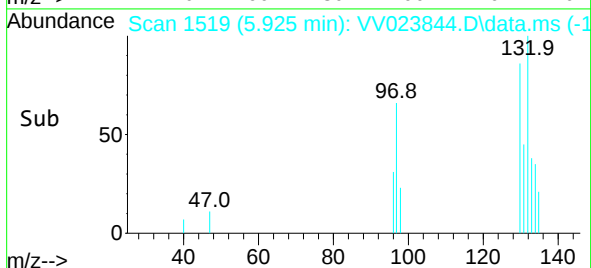
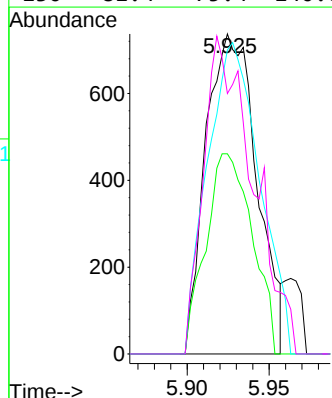
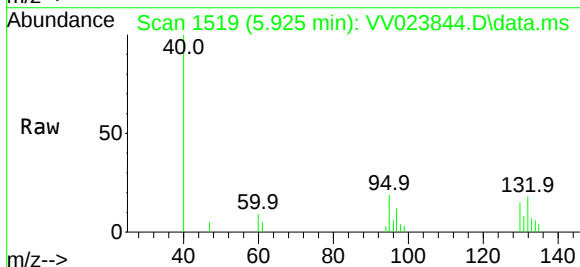
Ion Ratio Lower Upper

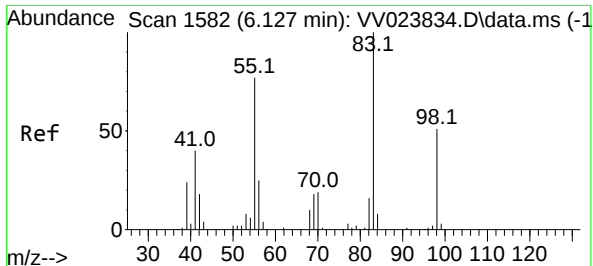
95 100

97 62.6 45.2 84.0

132 95.0 76.1 141.3

130 81.4 75.4 140.0

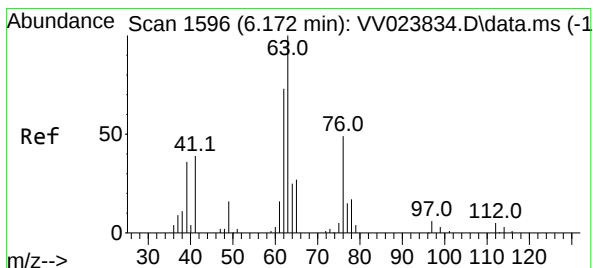
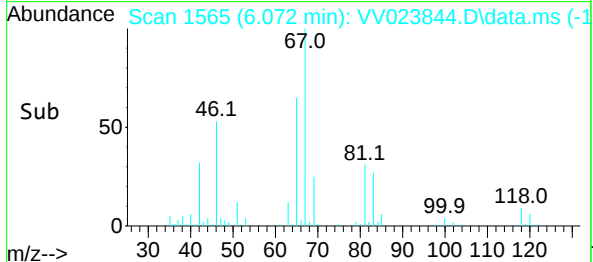
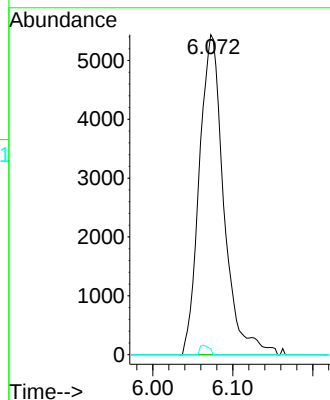
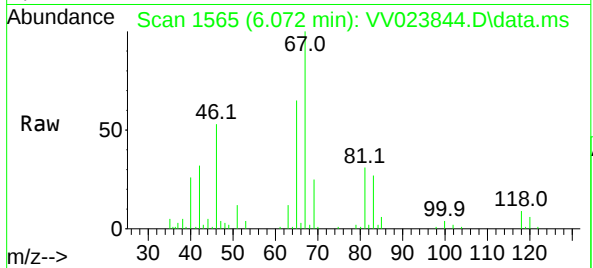




#35
Methylcyclohexane
Concen: 0.886 ug/L
RT: 6.072 min Scan# 11598
Delta R.T. -0.054 min
Lab File: VV023844.D
Acq: 08 Dec 2021 18:08

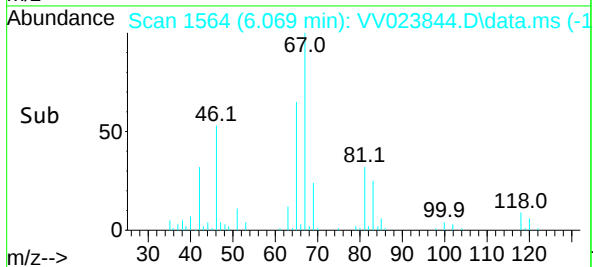
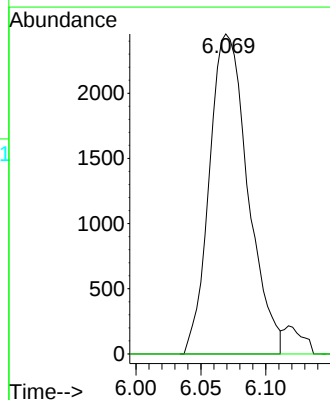
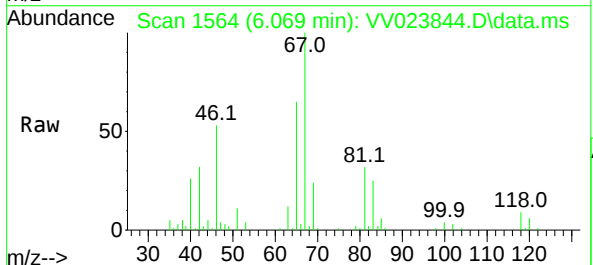
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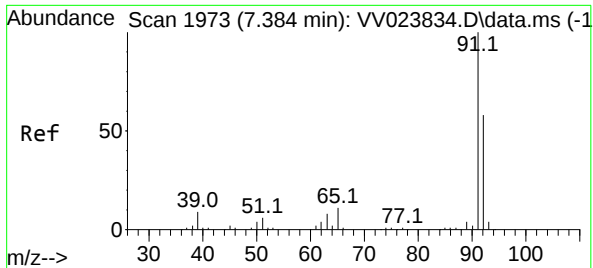
Tgt Ion: 83 Resp: 11598
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.2#
98 1.1 41.0 61.4#



#37
1,2-Dichloropropane
Concen: 0.681 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.099 min
Lab File: VV023844.D
Acq: 08 Dec 2021 18:08

Tgt Ion: 63 Resp: 5073
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#





#42

Toluene

Concen: 0.091 ug/L

RT: 7.404 min Scan# 1973

Delta R.T. 0.019 min

Lab File: VV023844.D

Acq: 08 Dec 2021 18:08

Instrument :

MSVOA_V

ClientSampleId :

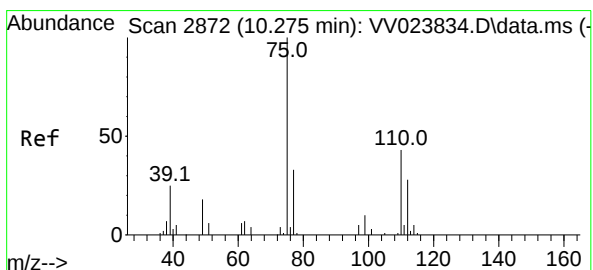
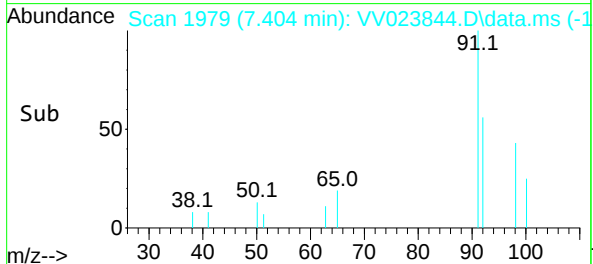
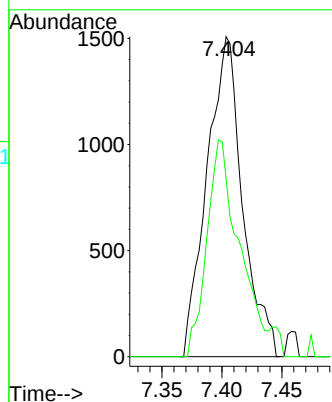
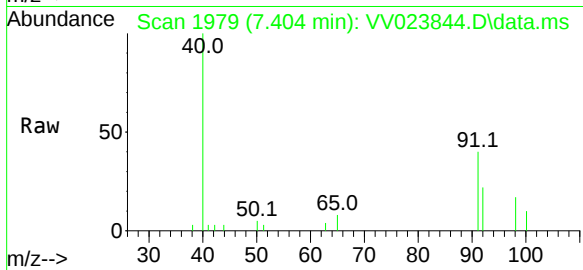
C0CP9

Tgt Ion: 91 Resp: 3104

Ion Ratio Lower Upper

91 100

92 55.5 41.5 77.1



#61

1,2,3-Trichloropropane

Concen: 1.495 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV023844.D

Acq: 08 Dec 2021 18:08

Tgt Ion: 75 Resp: 5995

Ion Ratio Lower Upper

75 100

77 30.1 26.4 39.6

110 0.7 34.2 51.2#

