

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120821\
 Data File : VW023842.D
 Acq On : 08 Dec 2021 17:21
 Operator : SY/MD
 Sample : M4889-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0CP3

Quant Time: Dec 09 00:34:50 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)

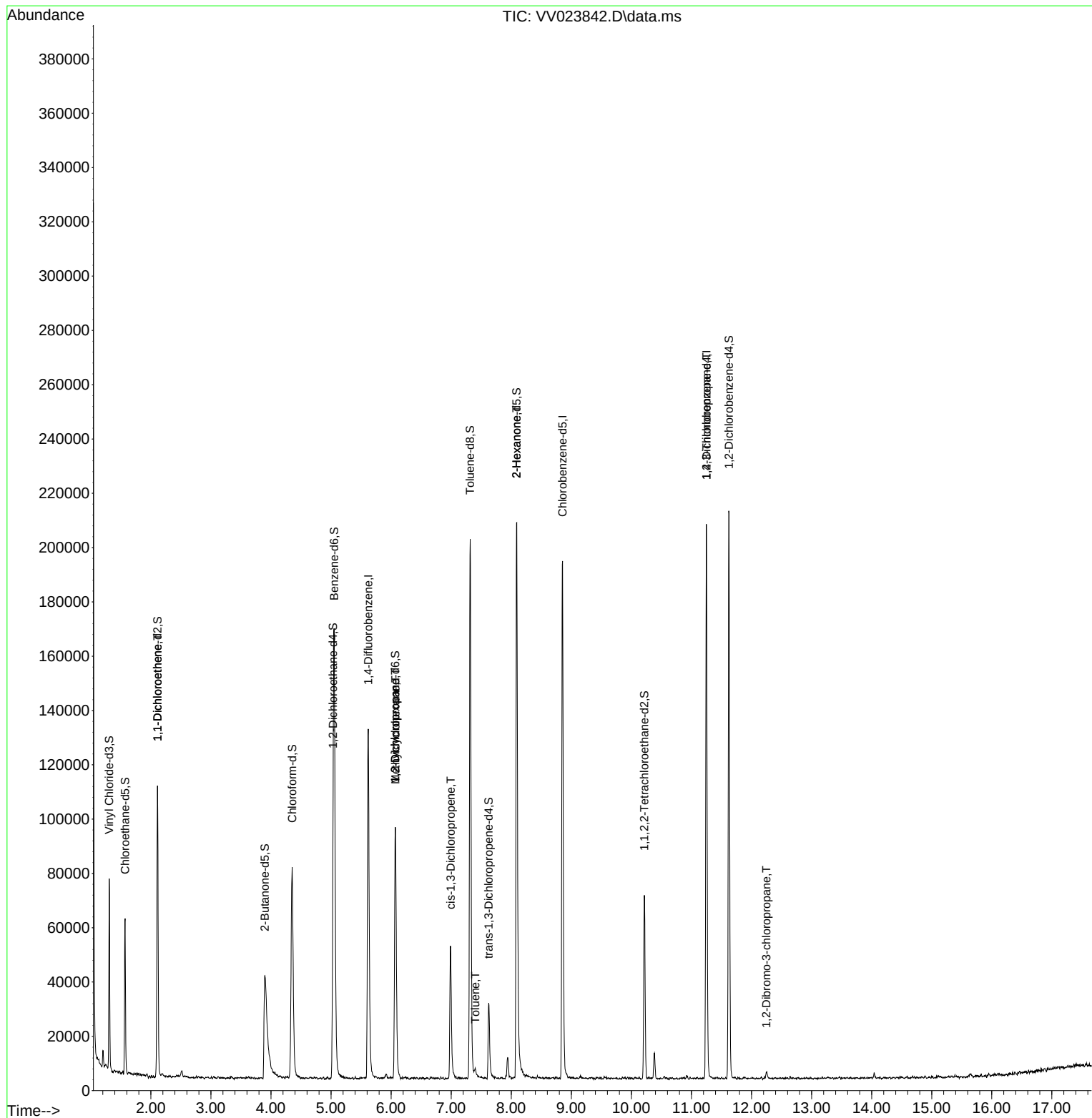
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	116848	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	110051	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55044	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41917	4.370	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.400%	
7) Chloroethane-d5	1.571	69	34147	4.529	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.600%	
11) 1,1-Dichloroethene-d2	2.111	63	55500	3.283	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.600%	
20) 2-Butanone-d5	3.899	46	84112	72.942	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	145.880%#	
24) Chloroform-d	4.352	84	80533	4.821	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.400%	
26) 1,2-Dichloroethane-d4	5.034	65	39114	5.013	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.200%	
32) Benzene-d6	5.053	84	147860	4.932	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.600%	
36) 1,2-Dichloropropane-d6	6.069	67	44235	5.263	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.200%	
41) Toluene-d8	7.317	98	132597	4.734	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.600%	
43) trans-1,3-Dichloroprop...	7.625	79	16083	4.747	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.000%	
46) 2-Hexanone-d5	8.088	63	75230	66.838	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	133.680%#	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31685	5.239	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	53983	5.547	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.000%	
Target Compounds						
12) 1,1-Dichloroethene	2.111	96	562	0.072	ug/L #	1
35) Methylcyclohexane	6.072	83	11651	0.889	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	5296	0.710	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	1527	0.144	ug/L #	58
42) Toluene	7.400	91	2562	0.075	ug/L	92
48) 2-Hexanone	8.088	43	8283	3.148	ug/L #	69
61) 1,2,3-Trichloropropane	11.249	75	5641	1.445	ug/L #	60
68) 1,2-Dibromo-3-chloropr...	12.246	75	68	0.088	ug/L #	1

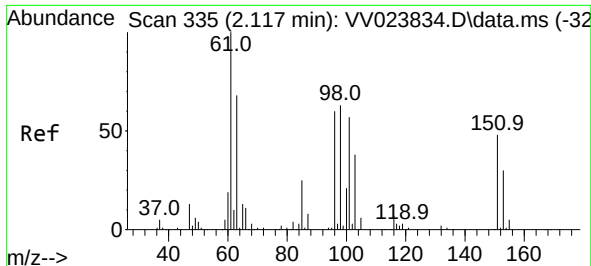
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 02 02:08:23 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.072 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV023842.D

Acq: 08 Dec 2021 17:21

Instrument :

MSVOA_V

ClientSampleId :

C0CP3

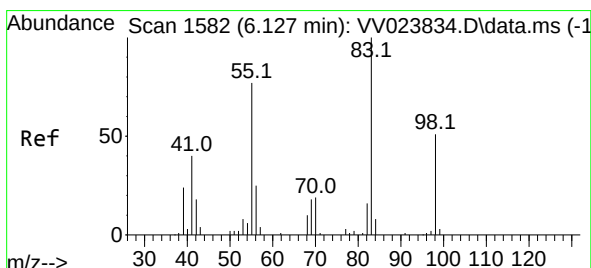
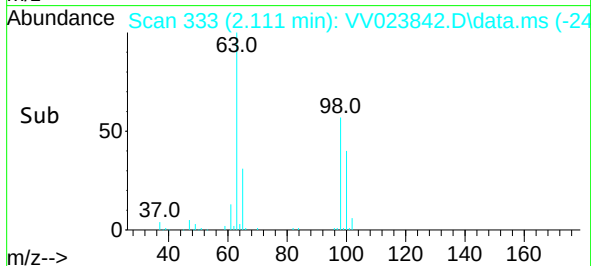
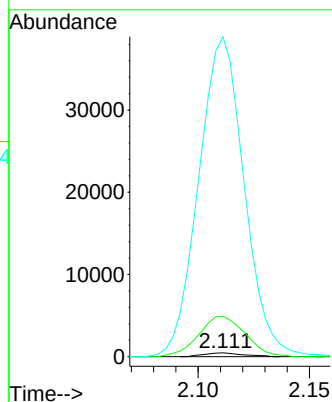
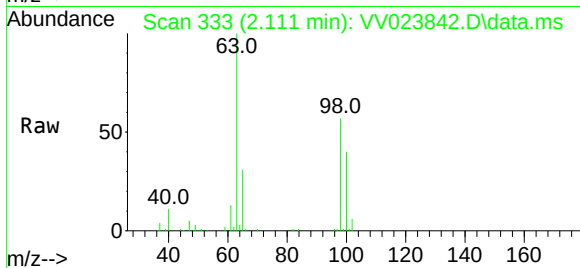
Tgt Ion: 96 Resp: 562

Ion Ratio Lower Upper

96 100

61 1076.9 116.1 215.5#

63 8499.6 79.4 147.4#



#35

Methylcyclohexane

Concen: 0.889 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV023842.D

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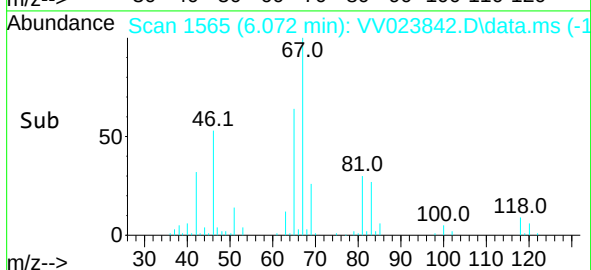
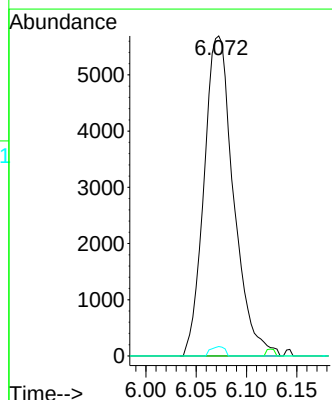
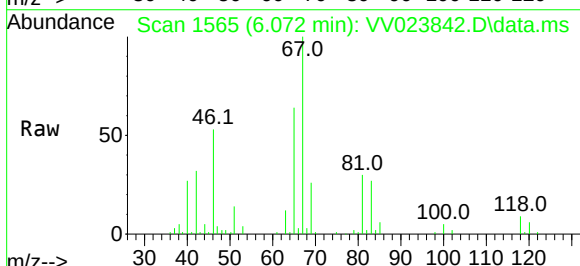
Tgt Ion: 83 Resp: 11651

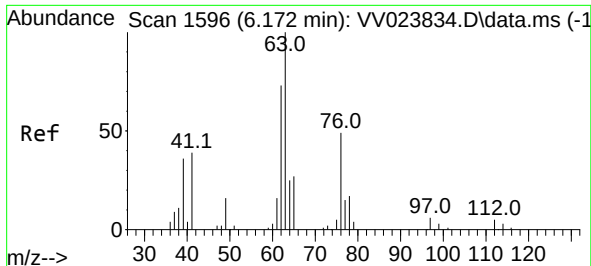
Ion Ratio Lower Upper

83 100

55 0.6 60.2 90.2#

98 1.4 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.710 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV023842.D

Acq: 08 Dec 2021 17:21

Instrument :

MSVOA_V

ClientSampleId :

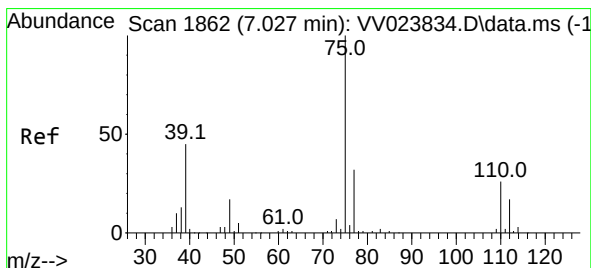
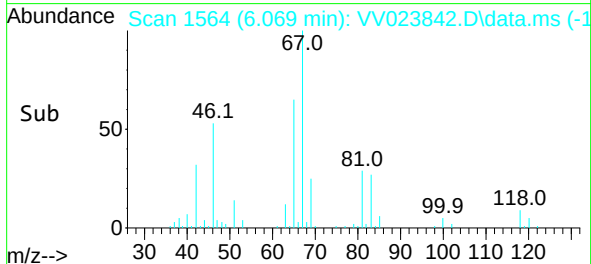
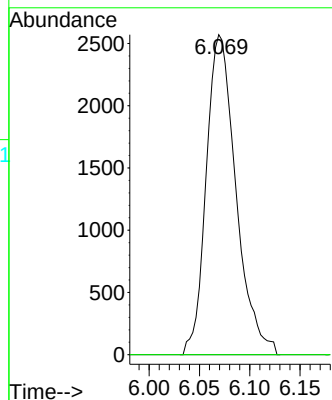
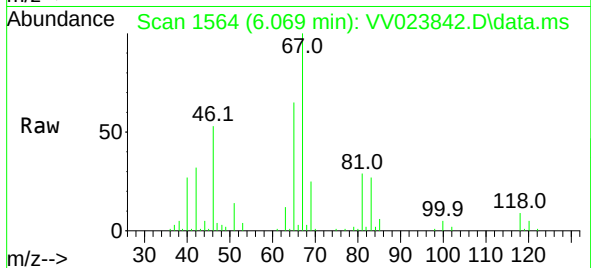
C0CP3

Tgt Ion: 63 Resp: 5296

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.144 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.032 min

Lab File: VV023842.D

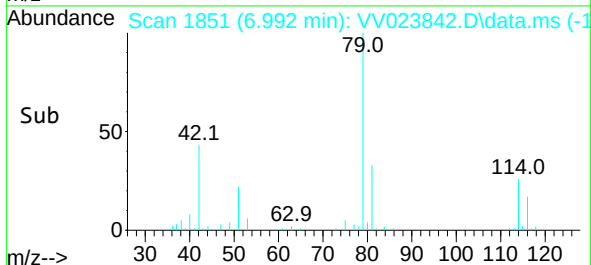
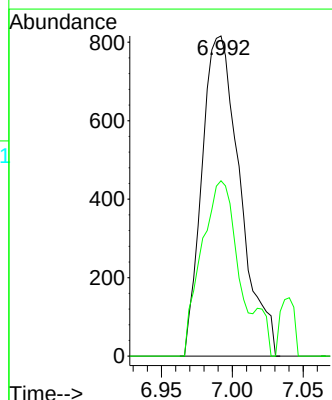
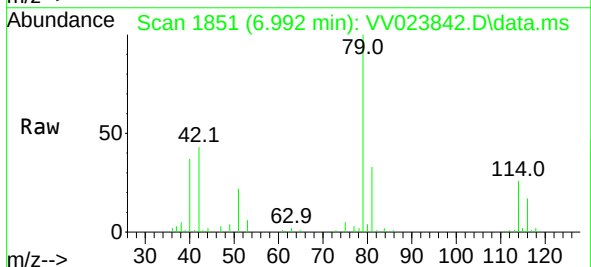
Acq: 08 Dec 2021 17:21

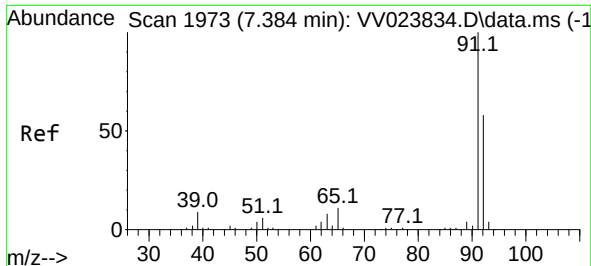
Tgt Ion: 75 Resp: 1527

Ion Ratio Lower Upper

75 100

77 54.8 22.0 41.0#

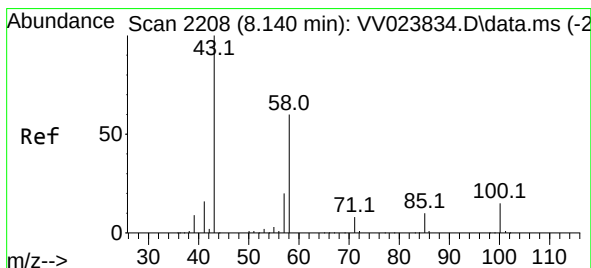
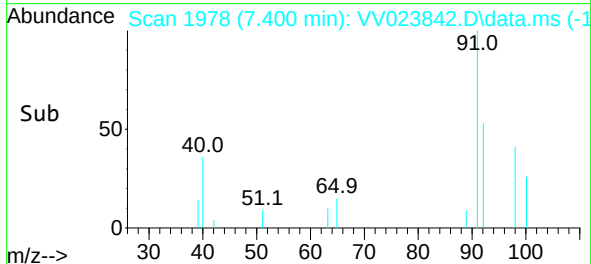
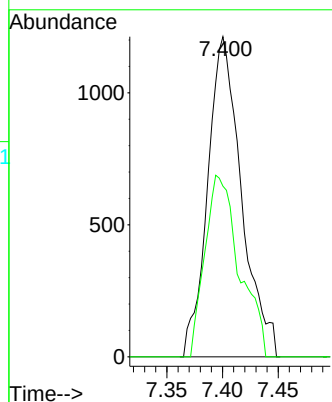
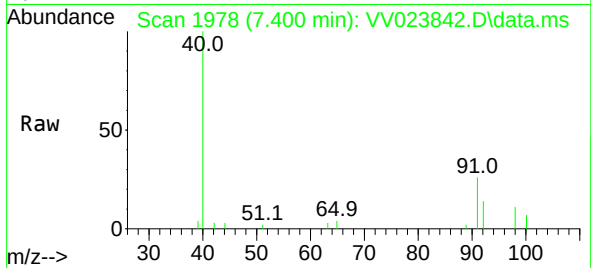




#42
Toluene
Concen: 0.075 ug/L
RT: 7.400 min Scan# 1973
Delta R.T. 0.016 min
Lab File: VV023842.D
Acq: 08 Dec 2021 17:21

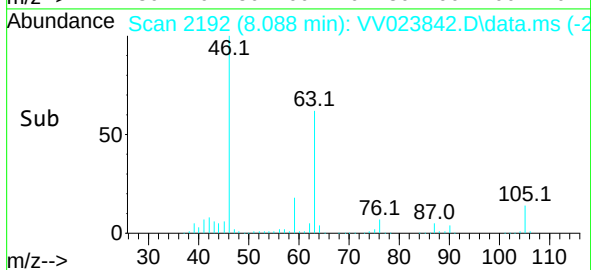
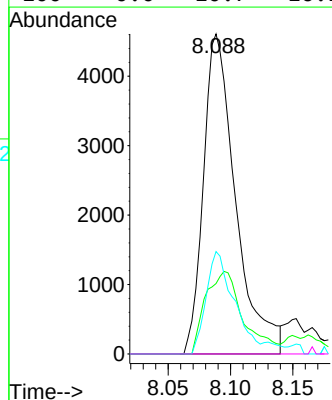
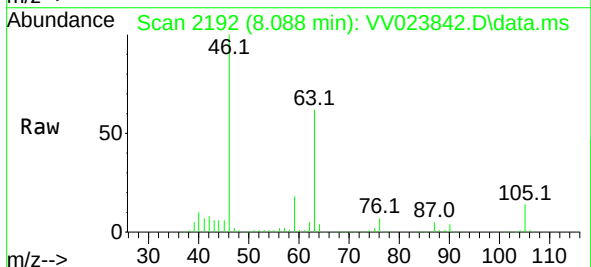
Instrument :
MSVOA_V
ClientSampleId :
C0CP3

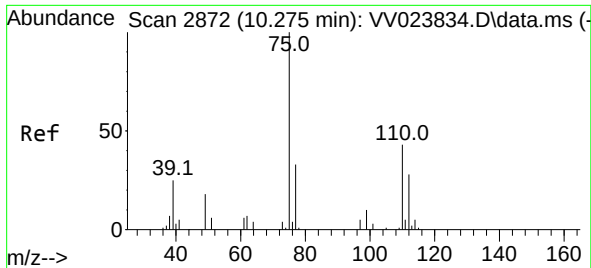
Tgt Ion: 91 Resp: 2562
Ion Ratio Lower Upper
91 100
92 53.3 41.5 77.1



#48
2-Hexanone
Concen: 3.148 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.051 min
Lab File: VV023842.D
Acq: 08 Dec 2021 17:21

Tgt Ion: 43 Resp: 8283
Ion Ratio Lower Upper
43 100
58 30.3 44.5 66.7#
57 27.7 15.1 22.7#
100 0.0 10.7 16.1#

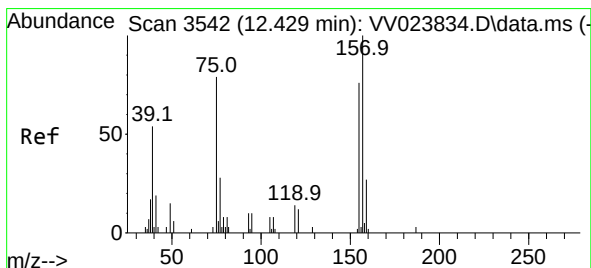
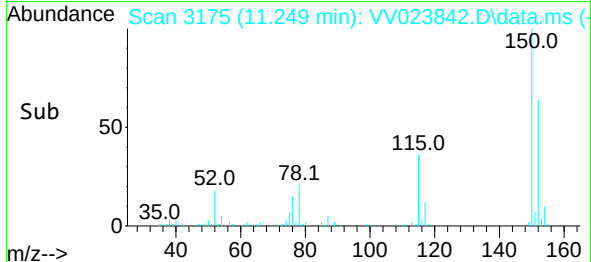
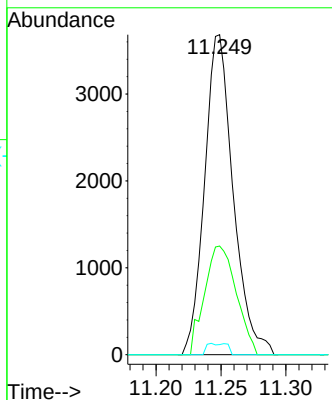
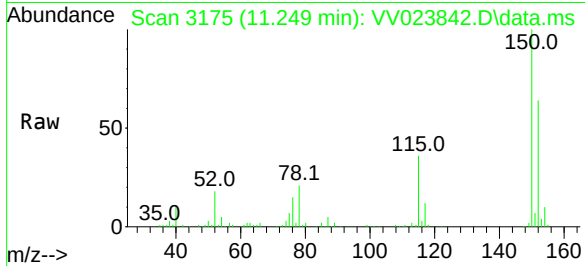




#61
 1,2,3-Trichloropropane
 Concen: 1.445 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.978 min
 Lab File: VV023842.D
 Acq: 08 Dec 2021 17:21

Instrument :
 MSVOA_V
 ClientSampleId :
 C0CP3

Tgt Ion: 75 Resp: 5641
 Ion Ratio Lower Upper
 75 100
 77 37.6 26.4 39.6
 110 1.3 34.2 51.2#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.088 ug/L
 RT: 12.246 min Scan# 3485
 Delta R.T. -0.180 min
 Lab File: VV023842.D
 Acq: 08 Dec 2021 17:21

Tgt Ion: 75 Resp: 68
 Ion Ratio Lower Upper
 75 100
 155 0.0 71.7 107.5#
 157 0.0 103.3 154.9#

