

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120821\
 Data File : VW023847.D
 Acq On : 08 Dec 2021 19:20
 Operator : SY/MD
 Sample : M4889-23
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 09 00:35:20 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

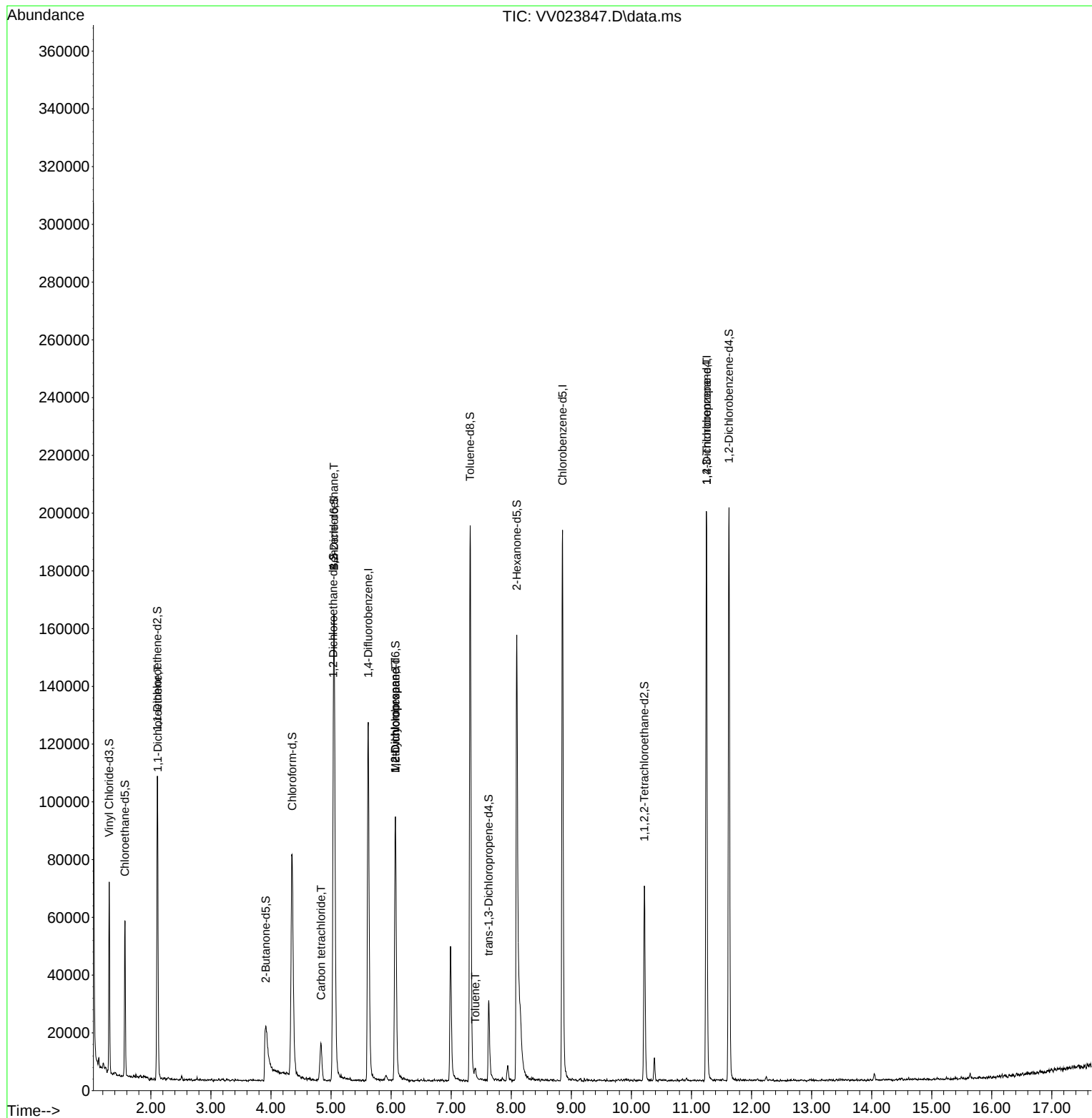
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	111933	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	108008	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	53429	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39665	4.317	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.400%	
7) Chloroethane-d5	1.568	69	32592	4.512	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.200%	
11) 1,1-Dichloroethene-d2	2.108	63	54993	3.396	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.000%	
20) 2-Butanone-d5	3.912	46	41060	37.171	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	74.340%	
24) Chloroform-d	4.352	84	78434	4.902	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.000%	
26) 1,2-Dichloroethane-d4	5.037	65	38513	5.152	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.000%	
32) Benzene-d6	5.050	84	146951	4.995	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.800%	
36) 1,2-Dichloropropane-d6	6.072	67	42584	5.163	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.200%	
41) Toluene-d8	7.316	98	130203	4.736	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.800%	
43) trans-1,3-Dichloroprop...	7.625	79	16646	5.007	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	100.200%	
46) 2-Hexanone-d5	8.091	63	74963	67.861	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	135.720%#	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32262	5.435	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	52611	5.570	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.400%	
Target Compounds						
12) 1,1-Dichloroethene	2.114	96	914	0.122	ug/L #	1
27) 1,2-Dichloroethane	5.050	62	812	0.095	ug/L #	73
31) Carbon tetrachloride	4.834	117	9652	0.747	ug/L	97
35) Methylcyclohexane	6.072	83	11326	0.881	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	5298	0.724	ug/L #	84
42) Toluene	7.400	91	2600	0.078	ug/L	93
61) 1,2,3-Trichloropropane	11.252	75	5213	1.376	ug/L #	57

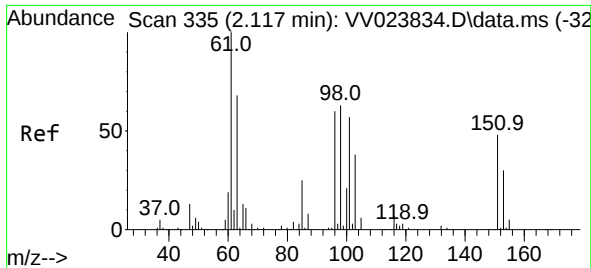
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.122 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV023847.D

Acq: 08 Dec 2021 19:20

Instrument :

MSVOA_V

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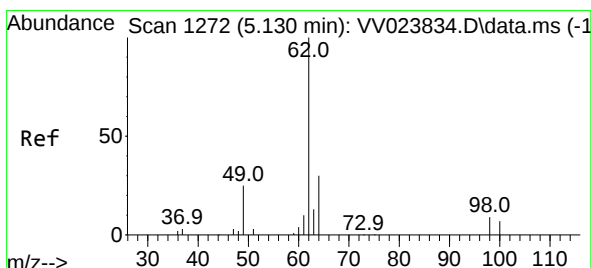
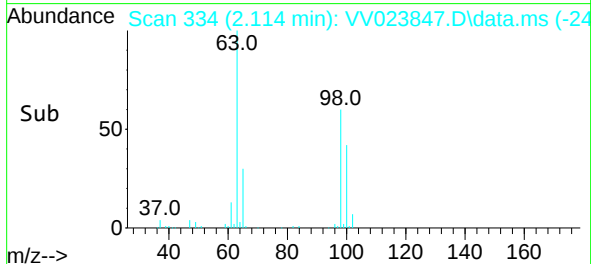
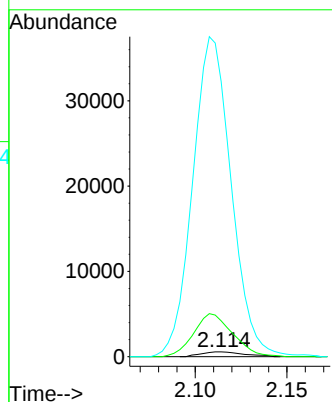
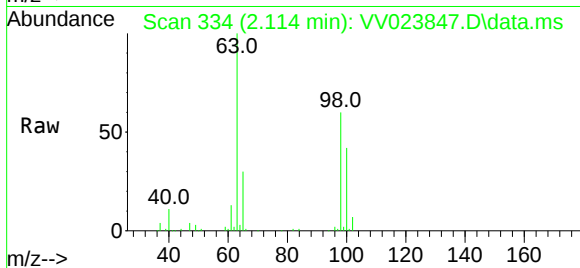
Tgt Ion: 96 Resp: 914

Ion Ratio Lower Upper

96 100

61 734.6 116.1 215.5#

63 5640.6 79.4 147.4#



#27

1,2-Dichloroethane

Concen: 0.095 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.077 min

Lab File: VV023847.D

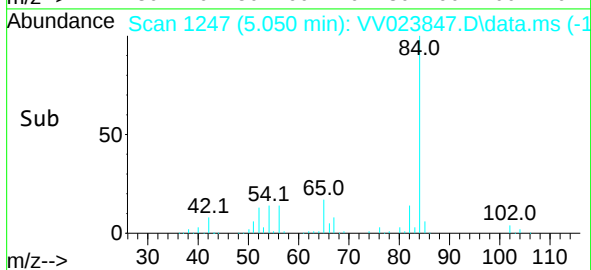
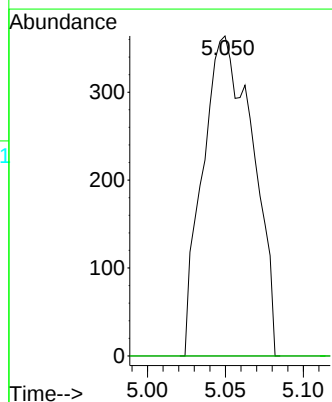
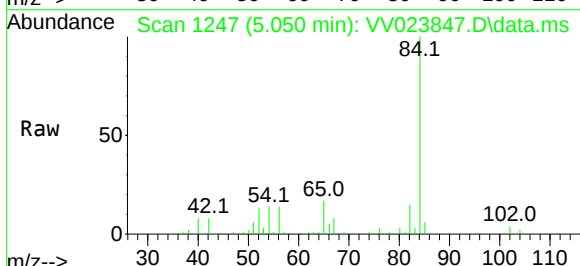
Acq: 08 Dec 2021 19:20

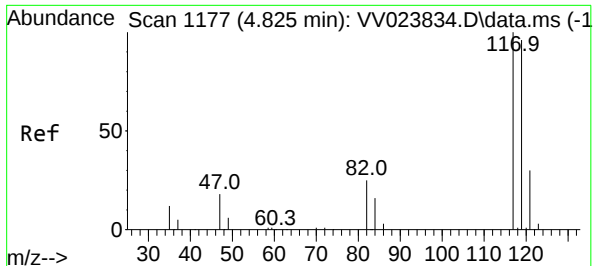
Tgt Ion: 62 Resp: 812

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#

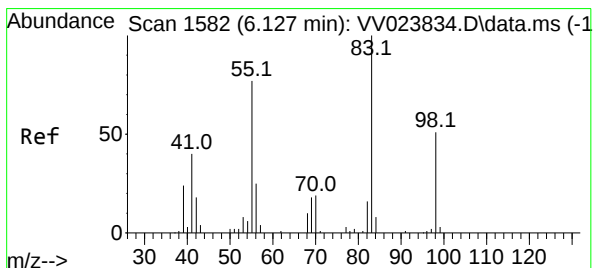
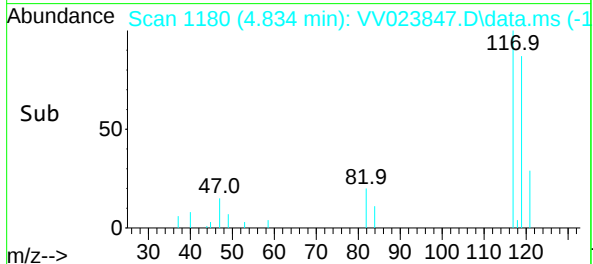
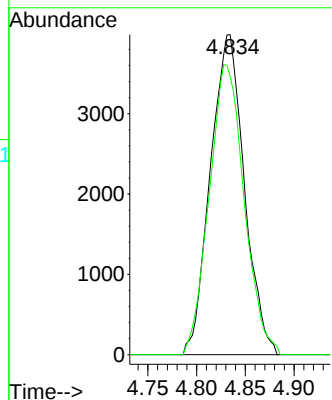
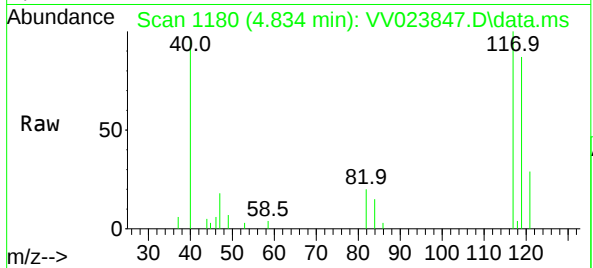




#31
Carbon tetrachloride
Concen: 0.747 ug/L
RT: 4.834 min Scan# 1177
Delta R.T. 0.010 min
Lab File: VV023847.D
Acq: 08 Dec 2021 19:20

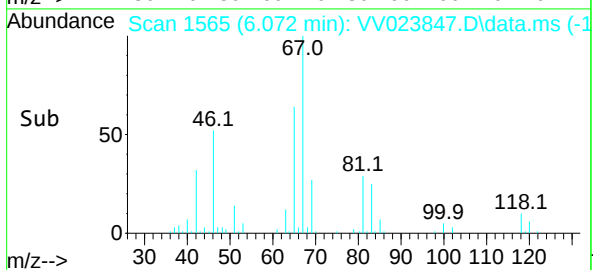
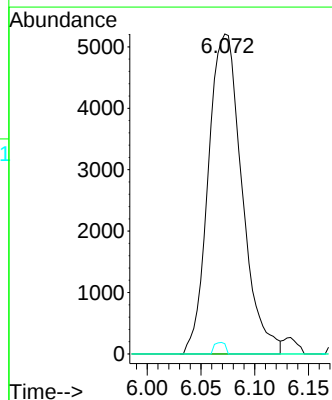
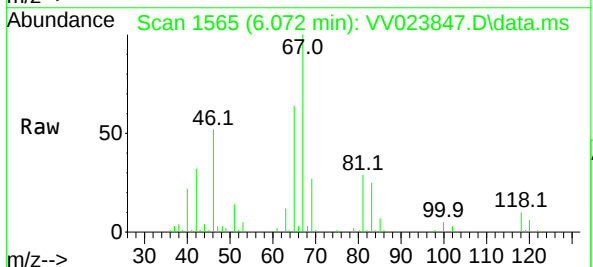
Instrument :
MSVOA_V
ClientSampleId :

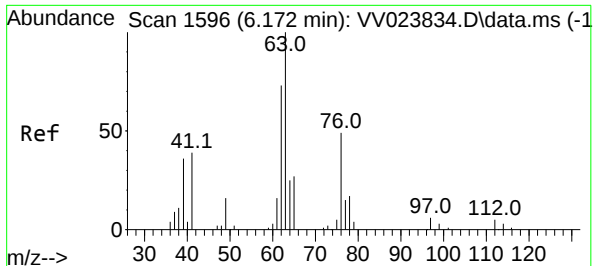
Tgt Ion: 117 Resp: 9652
Ion Ratio Lower Upper
117 100
119 93.2 76.6 114.8



#35
Methylcyclohexane
Concen: 0.881 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV023847.D
Acq: 08 Dec 2021 19:20

Tgt Ion: 83 Resp: 11326
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.2#
98 1.2 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.724 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV023847.D

Acq: 08 Dec 2021 19:20

Instrument :

MSVOA_V

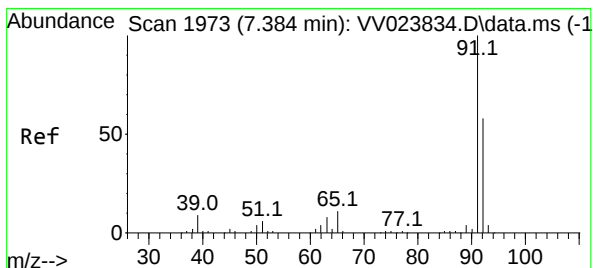
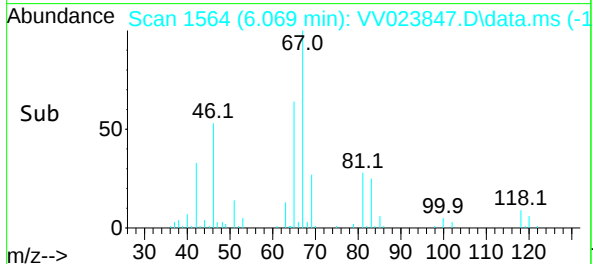
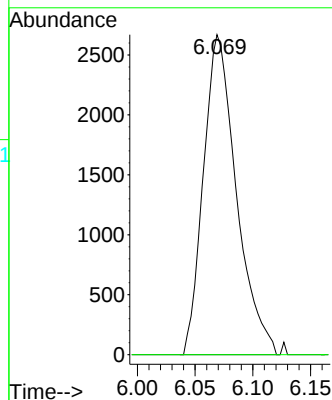
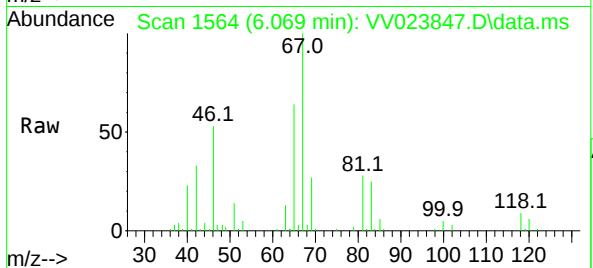
ClientSampleId :

Tgt Ion: 63 Resp: 5298

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#42

Toluene

Concen: 0.078 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.016 min

Lab File: VV023847.D

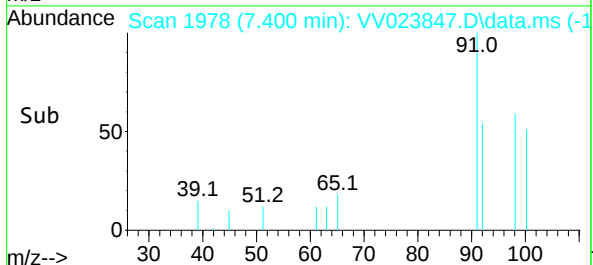
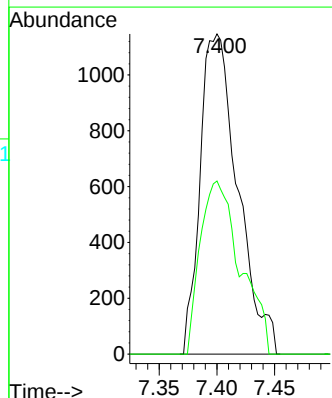
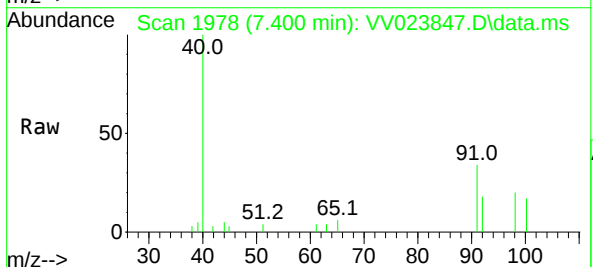
Acq: 08 Dec 2021 19:20

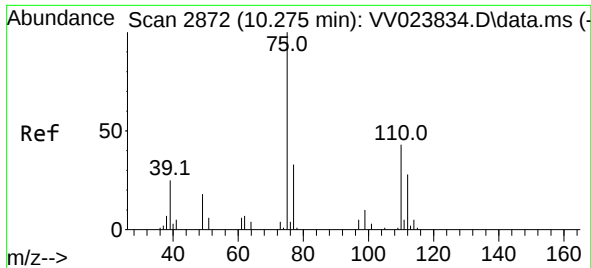
Tgt Ion: 91 Resp: 2600

Ion Ratio Lower Upper

91 100

92 54.1 41.5 77.1





#61

1,2,3-Trichloropropane

Concen: 1.376 ug/L

RT: 11.252 min Scan# 31

Delta R.T. 0.981 min

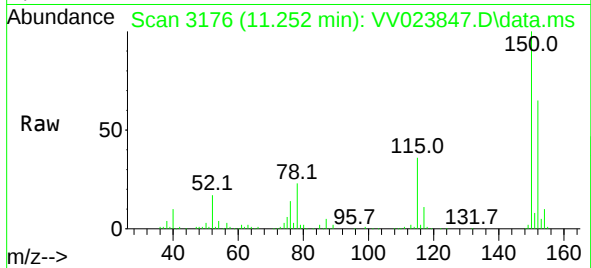
Lab File: VV023847.D

Acq: 08 Dec 2021 19:20

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 5213

Ion Ratio Lower Upper

75 100

77 43.0 26.4 39.6#

110 2.9 34.2 51.2#

