

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021123\
 Data File : VU053065.D
 Acq On : 11 Feb 2023 22:08
 Operator : JC/MD
 Sample : 01533-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM80

Quant Time: Feb 12 22:52:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Feb 12 22:49:21 2023
 Response via : Initial Calibration

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

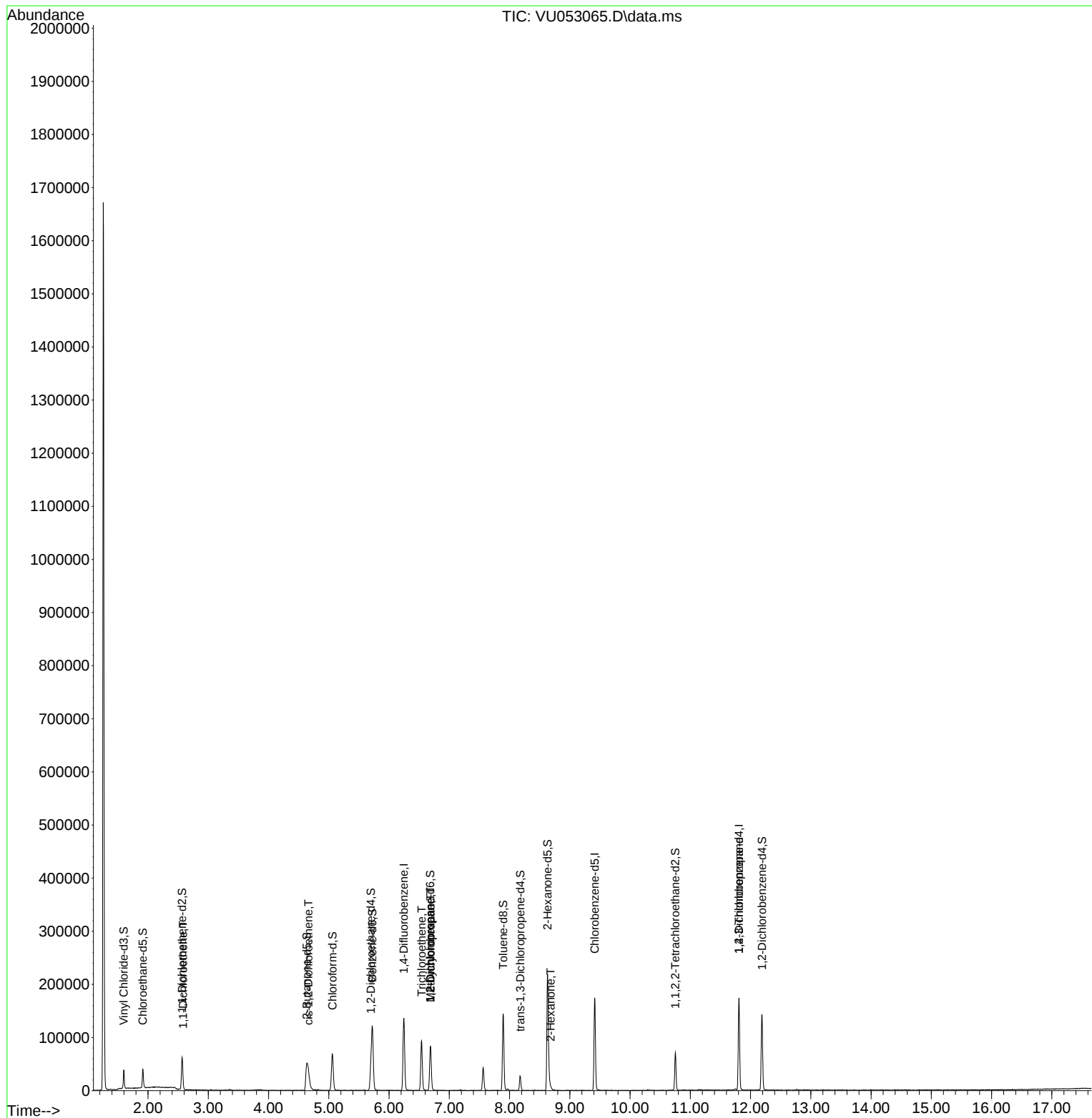
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	111355	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	94426	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	43293	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	24080	4.514	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.200%	
7) Chloroethane-d5	1.913	69	25403	5.066	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.400%	
11) 1,1-Dichloroethene-d2	2.566	65	11547	4.719	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	94.400%	
20) 2-Butanone-d5	4.633	46	98896	60.531	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	121.060%	
24) Chloroform-d	5.061	84	61410	5.002	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.000%	
26) 1,2-Dichloroethane-d4	5.697	65	33341	5.390	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.800%	
32) Benzene-d6	5.723	84	115501	5.443	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	108.800%	
36) 1,2-Dichloropropane-d6	6.685	67	41596	5.628	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	112.600%	
41) Toluene-d8	7.894	98	97713	5.097	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.000%	
43) trans-1,3-Dichloroprop...	8.176	79	15252	5.098	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	102.000%	
46) 2-Hexanone-d5	8.630	63	78186	58.862	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	117.720%	
56) 1,1,2,2-Tetrachloroeth...	10.752	84	34531	5.441	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.800%	
66) 1,2-Dichlorobenzene-d4	12.189	152	35983	5.564	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.200%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.579	96	879	0.133	ug/L #	1
22) cis-1,2-Dichloroethene	4.662	96	5947	0.756	ug/L	93
34) Trichloroethene	6.540	95	31379	4.098	ug/L	98
35) Methylcyclohexane	6.688	83	9496	0.766	ug/L #	21
37) 1,2-Dichloropropane	6.688	63	4323	0.583	ug/L #	90
48) 2-Hexanone	8.681	43	3704	1.305	ug/L #	66
61) 1,2,3-Trichloropropane	11.807	75	6160	1.482	ug/L #	69

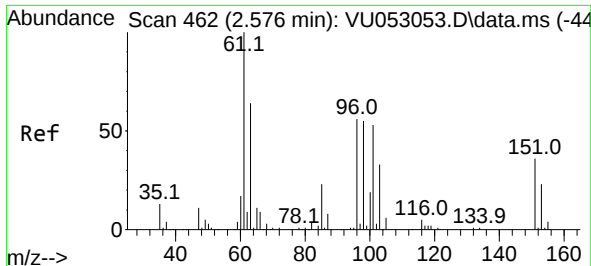
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.133 ug/L

RT: 2.579 min Scan# 4

Delta R.T. 0.003 min

Lab File: VU053065.D

Acq: 11 Feb 2023 22:08

Instrument :

MSVOA_U

ClientSampleId :

COM80

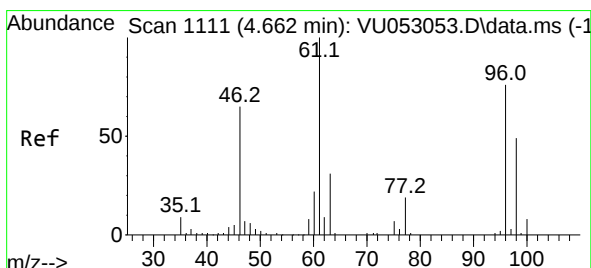
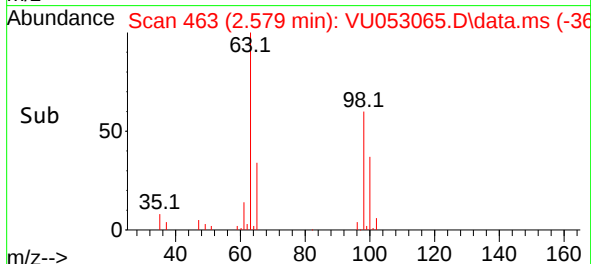
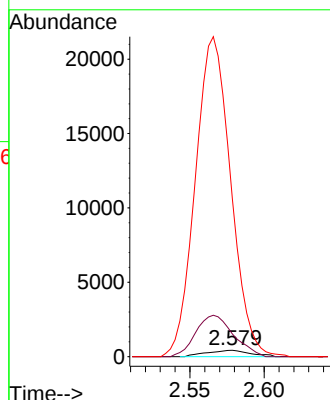
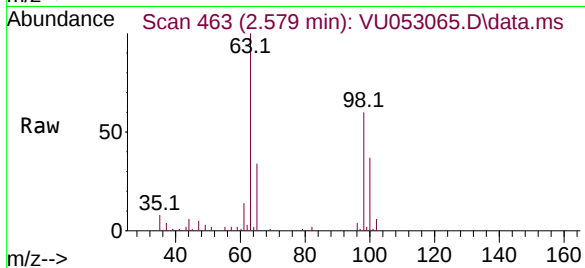
Tgt Ion: 96 Resp: 879

Ion Ratio Lower Upper

96 100

61 350.9 115.1 213.7#

63 2445.2 63.6 118.0#



#22

cis-1,2-Dichloroethene

Concen: 0.756 ug/L

RT: 4.662 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VU053065.D

Acq: 11 Feb 2023 22:08

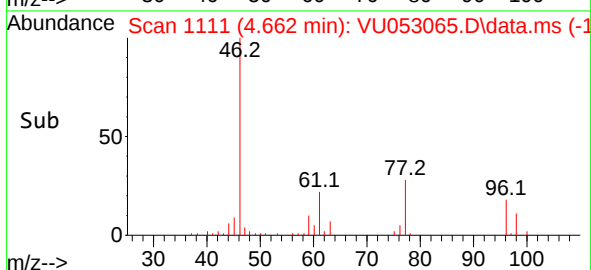
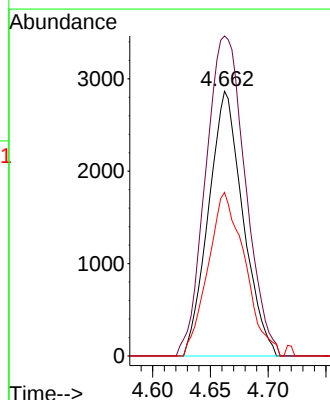
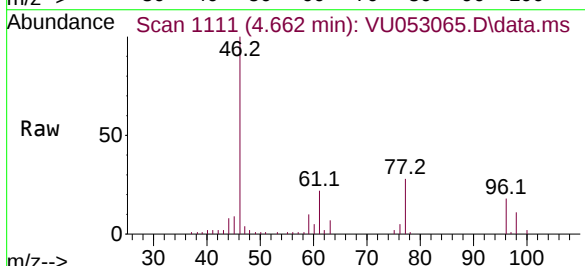
Tgt Ion: 96 Resp: 5947

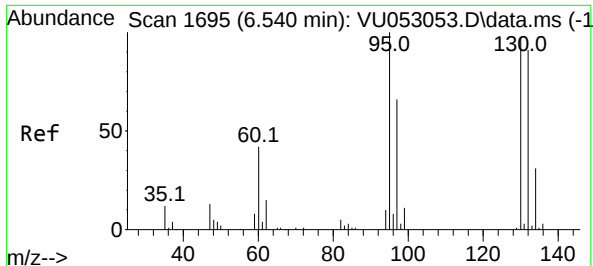
Ion Ratio Lower Upper

96 100

61 120.8 90.9 168.9

98 61.7 47.0 87.4





#34

Trichloroethene

Concen: 4.098 ug/L

RT: 6.540 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU053065.D

Acq: 11 Feb 2023 22:08

Instrument :

MSVOA_U

ClientSampleId :

COM80

Tgt Ion: 95 Resp: 31379

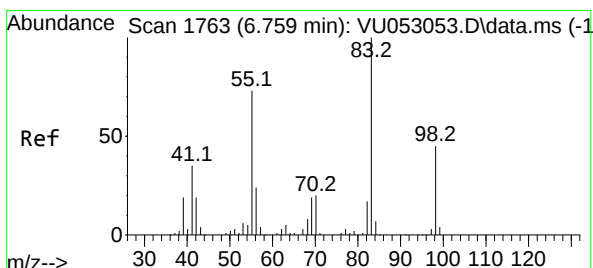
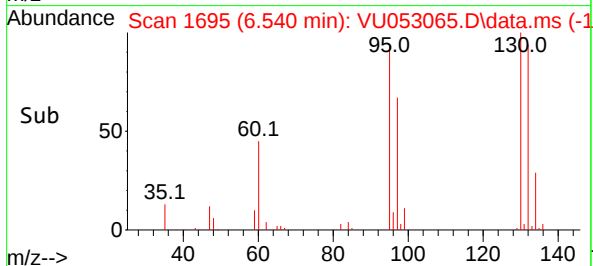
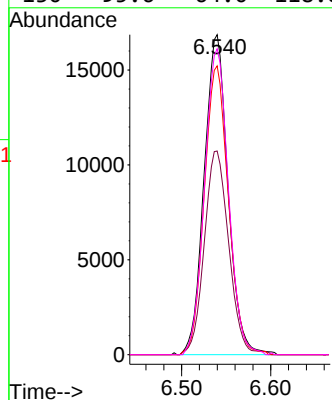
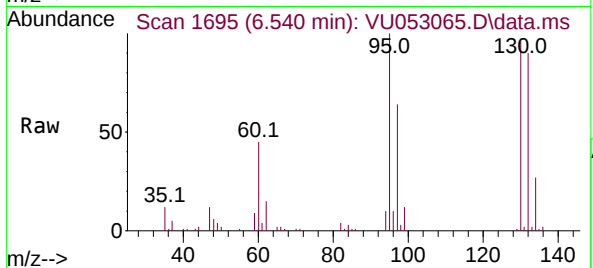
Ion Ratio Lower Upper

95 100

97 63.6 44.7 82.9

132 90.2 62.3 115.7

130 95.6 64.0 118.8



#35

Methylcyclohexane

Concen: 0.766 ug/L

RT: 6.688 min Scan# 1741

Delta R.T. -0.071 min

Lab File: VU053065.D

Acq: 11 Feb 2023 22:08

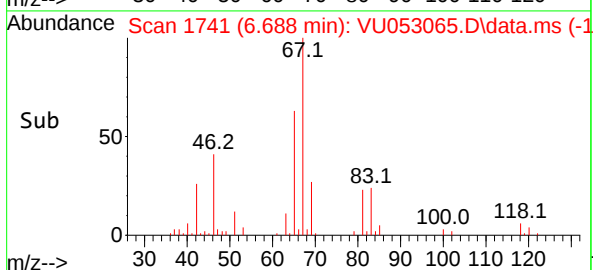
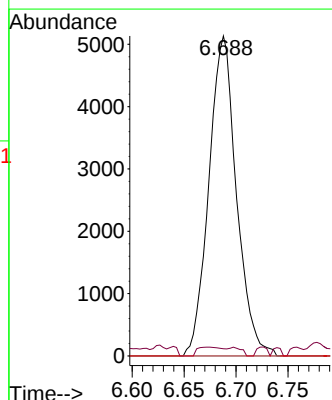
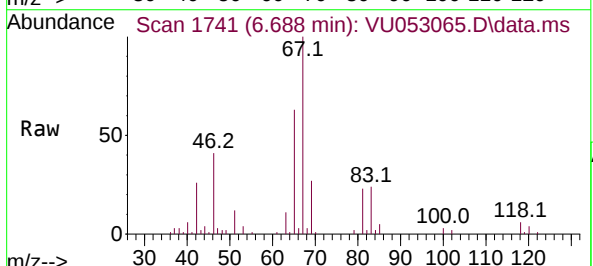
Tgt Ion: 83 Resp: 9496

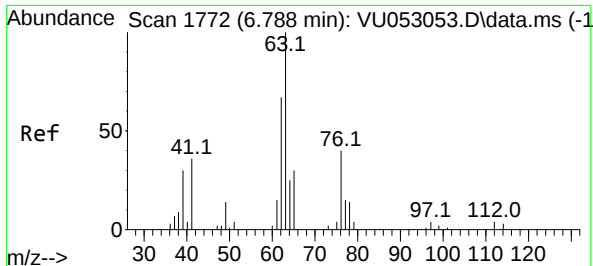
Ion Ratio Lower Upper

83 100

55 1.2 57.9 86.9#

98 0.0 36.4 54.6#





#37

1,2-Dichloropropane

Concen: 0.583 ug/L

RT: 6.688 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU053065.D

Acq: 11 Feb 2023 22:08

Instrument :

MSVOA_U

ClientSampleId :

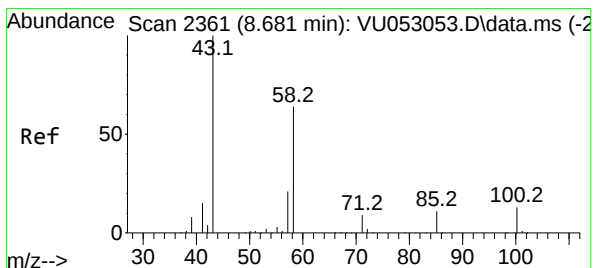
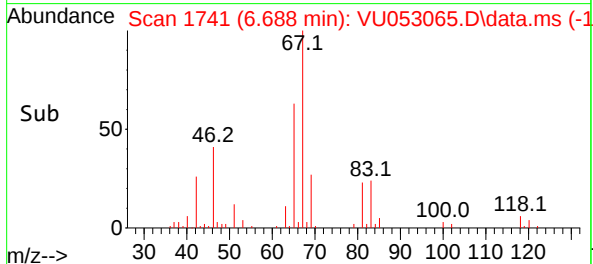
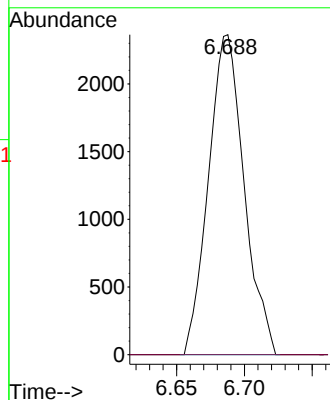
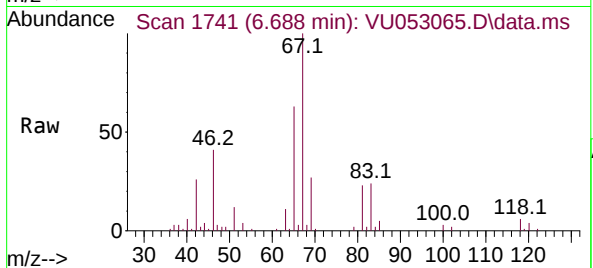
COM80

Tgt Ion: 63 Resp: 4323

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#



#48

2-Hexanone

Concen: 1.305 ug/L

RT: 8.681 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VU053065.D

Acq: 11 Feb 2023 22:08

Tgt Ion: 43 Resp: 3704

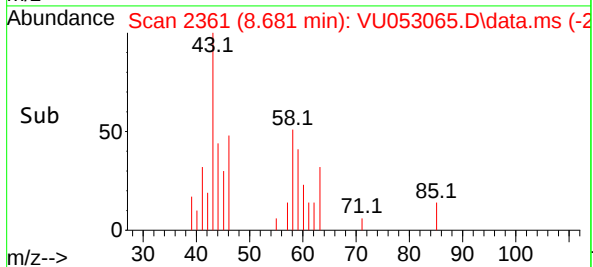
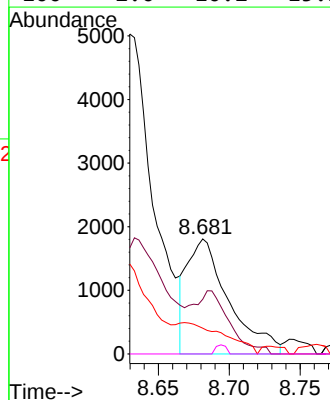
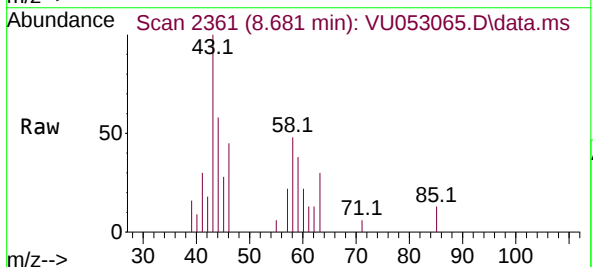
Ion Ratio Lower Upper

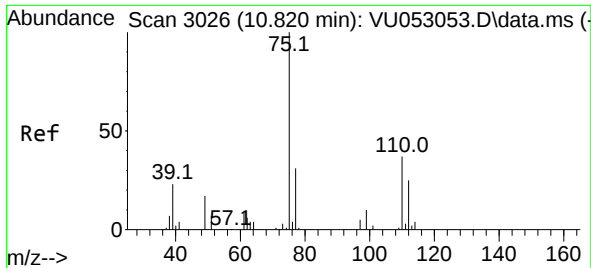
43 100

58 36.1 50.3 75.5#

57 3.4 17.4 26.0#

100 2.0 10.2 15.2#





#61

1,2,3-Trichloropropane

Concen: 1.482 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU053065.D

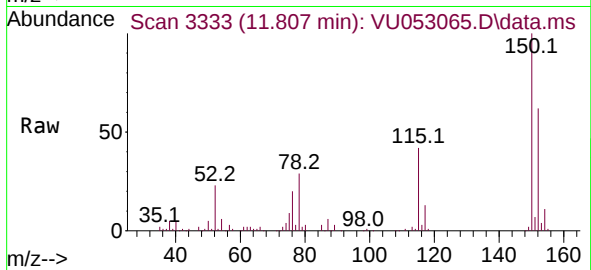
Acq: 11 Feb 2023 22:08

Instrument :

MSVOA_U

ClientSampleId :

COM80



Tgt Ion:	75	Resp:	6160
Ion	Ratio	Lower	Upper
75	100		
110	0.6	28.6	42.8#
77	34.1	27.6	41.4

