

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091523\
 Data File : VU055348.D
 Acq On : 15 Sep 2023 19:02
 Operator : MD/SY
 Sample : 04380-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 16 00:44:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 16 00:42:29 2023
 Response via : Initial Calibration

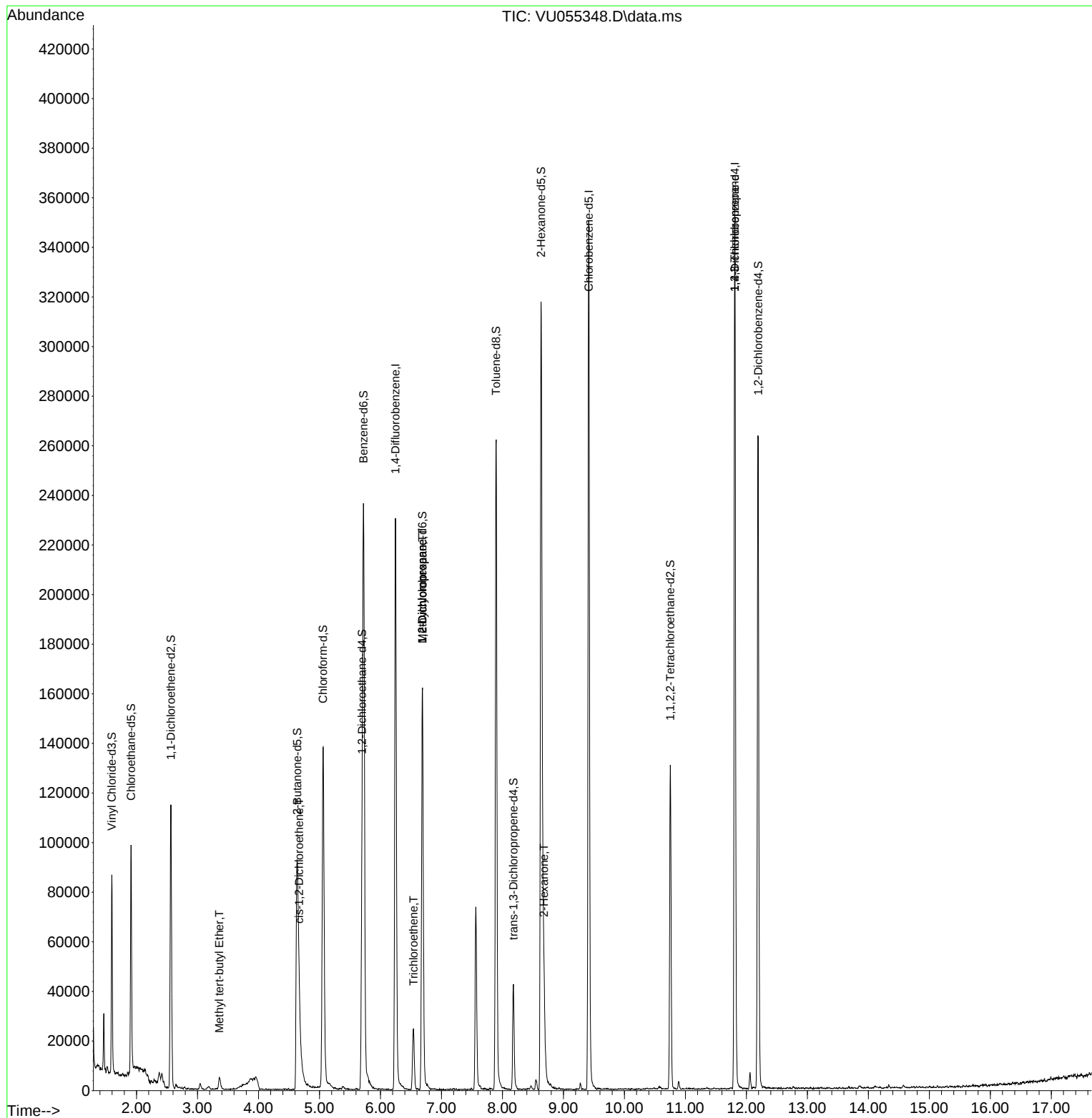
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	184442	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	190556	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	90967	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	56814	5.359	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 107.200%		
7) Chloroethane-d5	1.911	69	65119	5.442	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 108.800%		
11) 1,1-Dichloroethene-d2	2.563	65	21981	5.732	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 114.600%		
20) 2-Butanone-d5	4.634	46	178339	60.835	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 121.680%		
24) Chloroform-d	5.058	84	126432	5.340	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 106.800%		
26) 1,2-Dichloroethane-d4	5.698	65	70030	5.862	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 117.200%		
32) Benzene-d6	5.724	84	219928	5.506	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 110.200%		
36) 1,2-Dichloropropane-d6	6.689	67	78989	5.804	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 116.000%		
41) Toluene-d8	7.897	98	177581	5.156	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 103.200%		
43) trans-1,3-Dichloroprop...	8.180	79	24138	4.998	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 100.000%		
46) 2-Hexanone-d5	8.634	63	99737	56.762	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 113.520%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	66133	5.587	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 111.800%		
66) 1,2-Dichlorobenzene-d4	12.193	152	64913	5.541	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 110.800%		
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	3.357	73	5331	0.171	ug/L #	84
22) cis-1,2-Dichloroethene	4.666	96	3130	0.187	ug/L	92
34) Trichloroethene	6.544	95	7874	0.439	ug/L	90
35) Methylcyclohexane	6.689	83	18147	0.695	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	8714	0.526	ug/L #	89
48) 2-Hexanone	8.682	43	22403	3.782	ug/L #	78
61) 1,2,3-Trichloropropane	11.807	75	13343	1.515	ug/L #	65

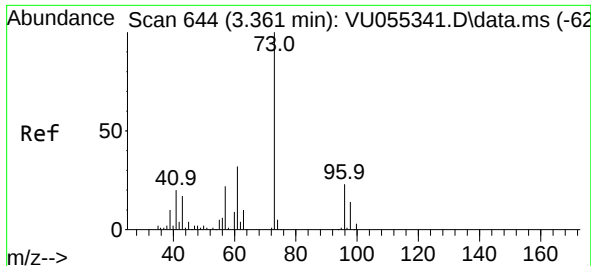
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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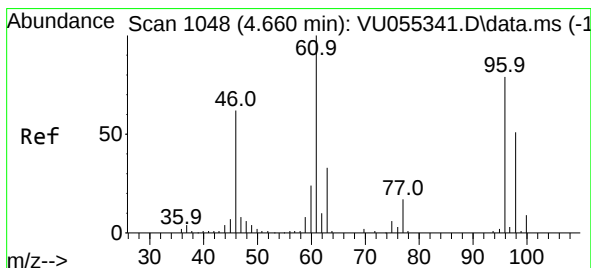
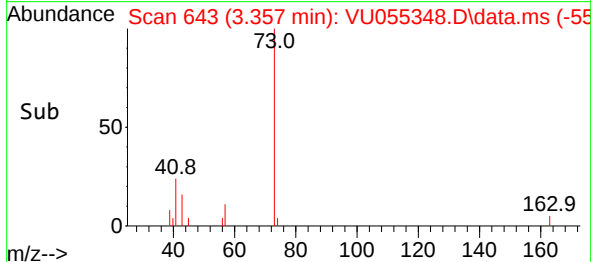
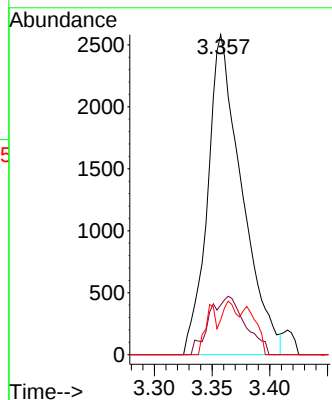
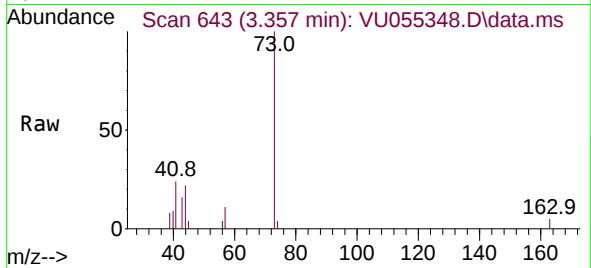




#17
Methyl tert-butyl Ether
Concen: 0.171 ug/L
RT: 3.357 min Scan# 644
Delta R.T. -0.003 min
Lab File: VU055348.D
Acq: 15 Sep 2023 19:02

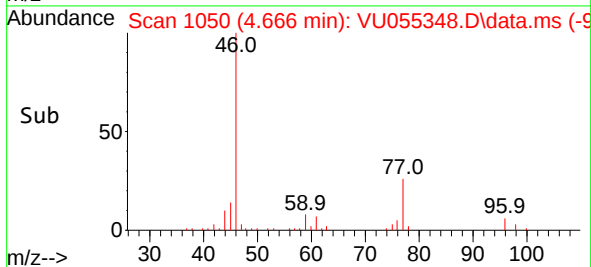
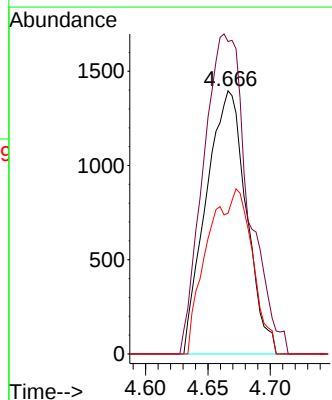
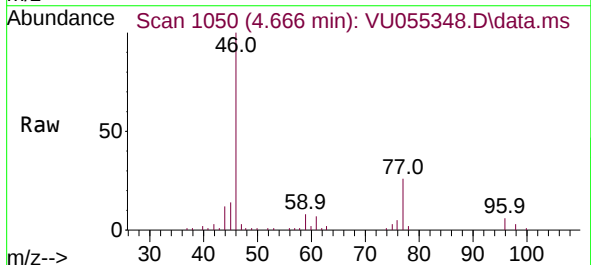
Instrument :
MSVOA_U
ClientSampleId :

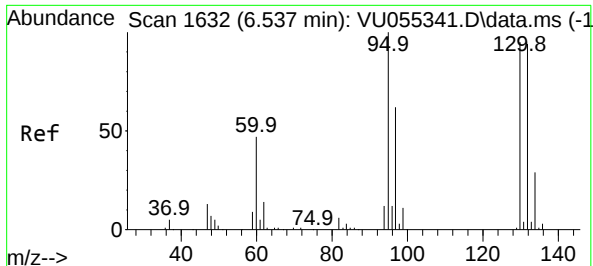
Tgt Ion: 73 Resp: 5331
Ion Ratio Lower Upper
73 100
43 19.3 16.0 24.0
57 7.7 17.2 25.8#



#22
cis-1,2-Dichloroethene
Concen: 0.187 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VU055348.D
Acq: 15 Sep 2023 19:02

Tgt Ion: 96 Resp: 3130
Ion Ratio Lower Upper
96 100
61 118.7 88.1 163.7
98 53.5 43.5 80.7





#34

Trichloroethene

Concen: 0.439 ug/L

RT: 6.544 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU055348.D

Acq: 15 Sep 2023 19:02

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 7874

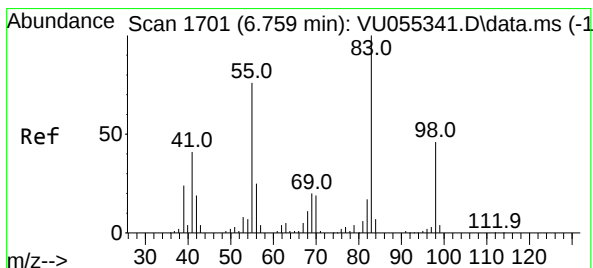
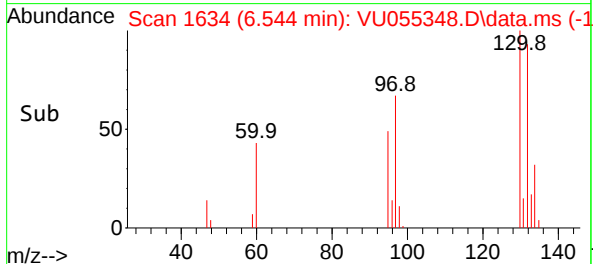
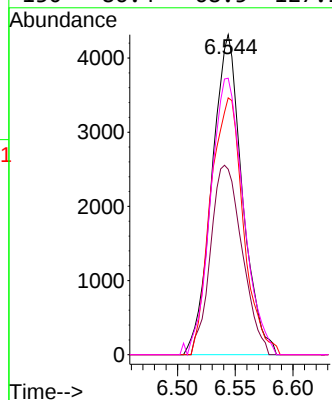
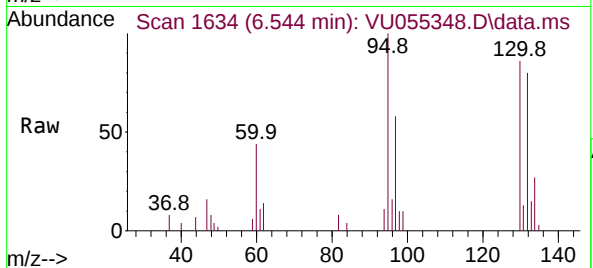
Ion Ratio Lower Upper

95 100

97 57.9 47.4 88.0

132 80.2 60.5 112.3

130 86.4 68.5 127.1



#35

Methylcyclohexane

Concen: 0.695 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU055348.D

Acq: 15 Sep 2023 19:02

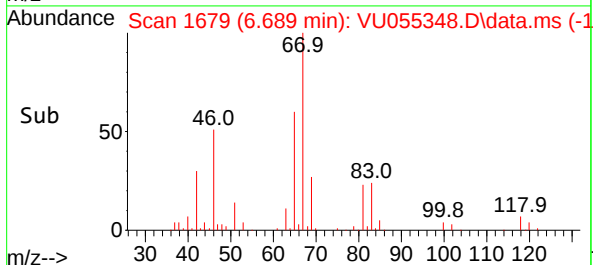
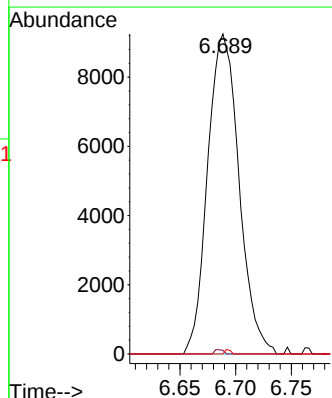
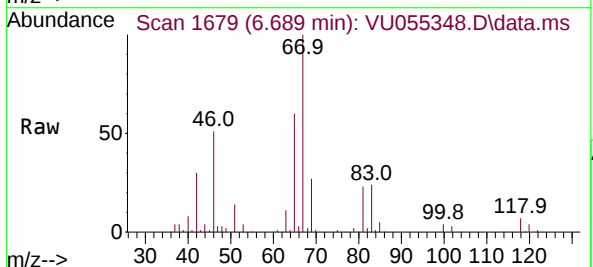
Tgt Ion: 83 Resp: 18147

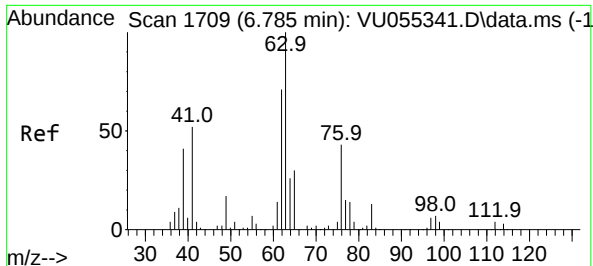
Ion Ratio Lower Upper

83 100

55 0.4 58.7 88.1#

98 0.2 36.3 54.5#





#37

1,2-Dichloropropane

Concen: 0.526 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU055348.D

Acq: 15 Sep 2023 19:02

Instrument :

MSVOA_U

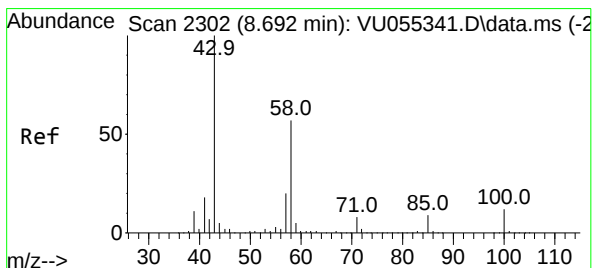
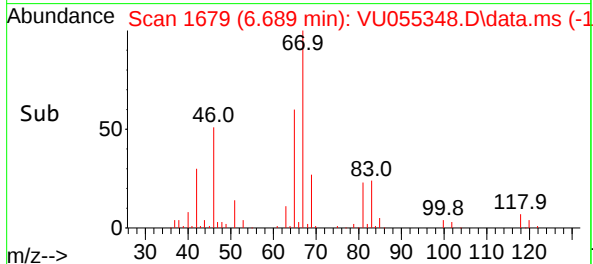
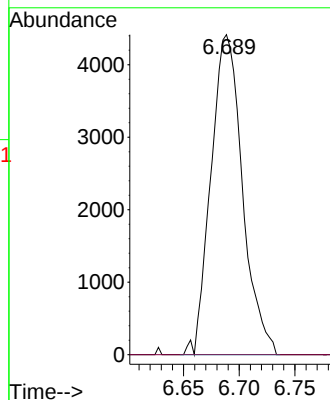
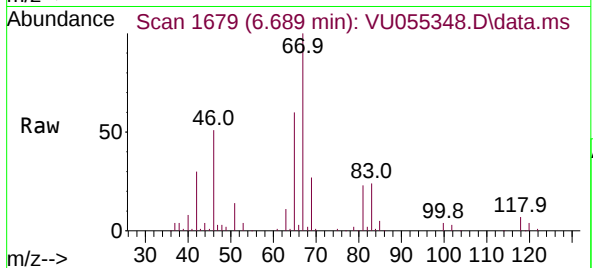
ClientSampleId :

Tgt Ion: 63 Resp: 8714

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#48

2-Hexanone

Concen: 3.782 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. -0.010 min

Lab File: VU055348.D

Acq: 15 Sep 2023 19:02

Tgt Ion: 43 Resp: 22403

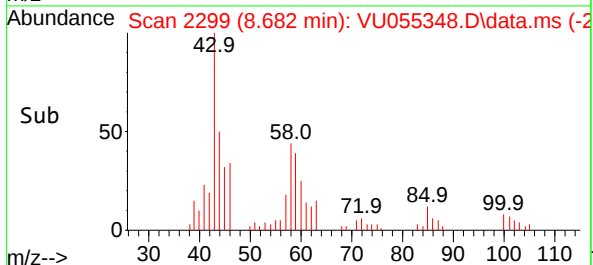
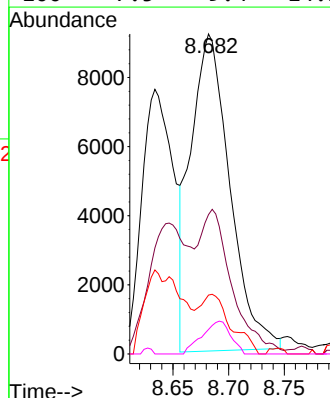
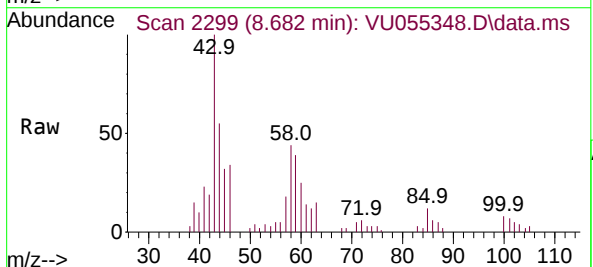
Ion Ratio Lower Upper

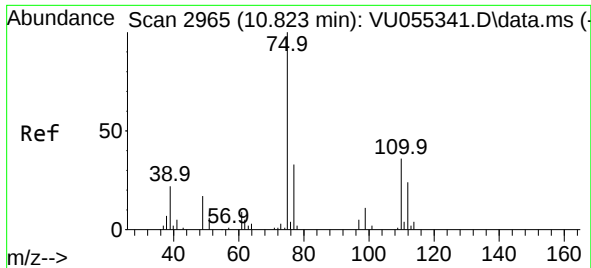
43 100

58 37.9 47.8 71.6#

57 15.1 15.4 23.2#

100 7.5 9.4 14.2#





#61

1,2,3-Trichloropropane

Concen: 1.515 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.984 min

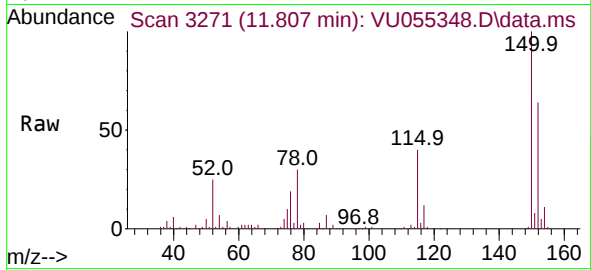
Lab File: VU055348.D

Acq: 15 Sep 2023 19:02

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 13343

Ion Ratio Lower Upper

75 100

110 1.5 31.4 47.2#

77 31.1 26.0 39.0

