

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121923\
 Data File : VU057073.D
 Acq On : 20 Dec 2023 03:16
 Operator : MD/SY
 Sample : 05890-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 06:58:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 20 06:35:40 2023
 Response via : Initial Calibration

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

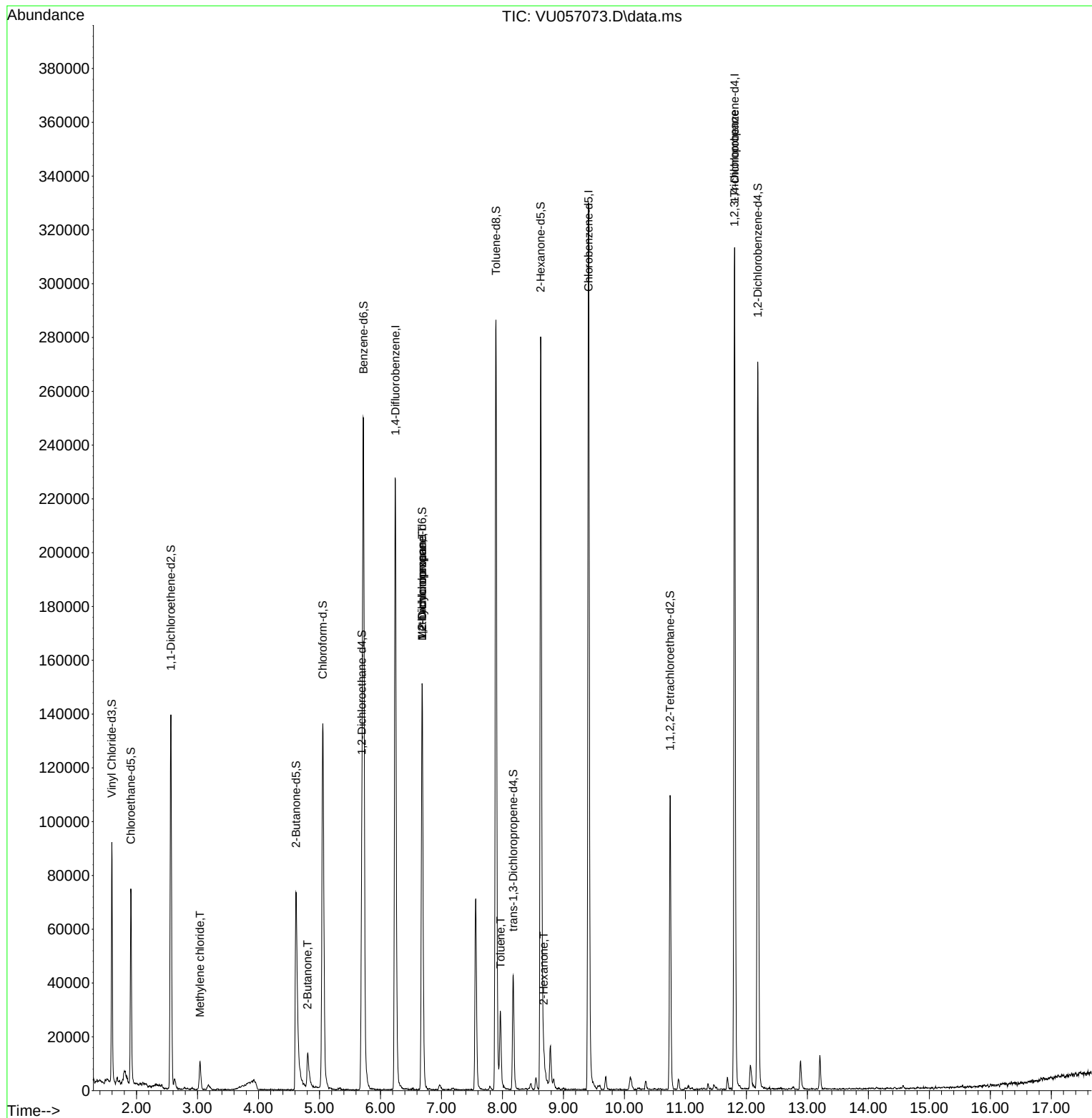
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	180904	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	188085	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	83045	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	61921	3.993	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.800%
7) Chloroethane-d5	1.907	69	54919	4.733	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.563	65	27266	4.110	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.200%
20) 2-Butanone-d5	4.615	46	115275	37.643	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.280%
24) Chloroform-d	5.055	84	130479	4.444	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.695	65	63718	4.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.721	84	237559	4.072	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
36) 1,2-Dichloropropane-d6	6.682	67	71342	3.907	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.200%
41) Toluene-d8	7.894	98	198351	3.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	8.177	79	26647	3.763	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.200%
46) 2-Hexanone-d5	8.627	63	92464	34.621	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.240%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	52934	4.007	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	71307	4.368	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						Qvalue
16) Methylene chloride	3.039	84	5056	0.316	ug/L	84
21) 2-Butanone	4.804	43	18260	5.802	ug/L #	46
35) Methylcyclohexane	6.685	83	18128	0.677	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	8581	0.507	ug/L #	89
42) Toluene	7.968	91	22276	0.326	ug/L	96
48) 2-Hexanone	8.679	43	3523	0.616	ug/L #	80
61) 1,2,3-Trichloropropane	11.804	75	9668	1.084	ug/L #	66

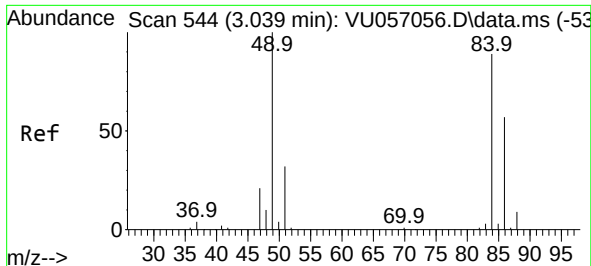
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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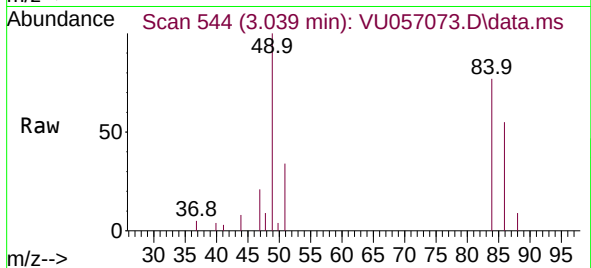
Quant Time: Dec 20 06:58:26 2023
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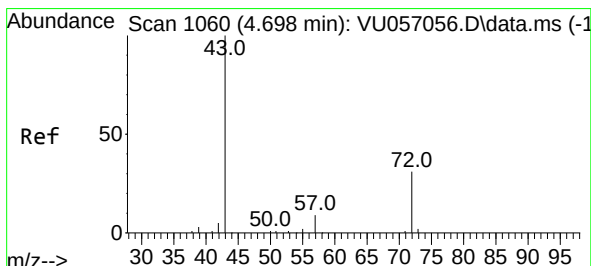
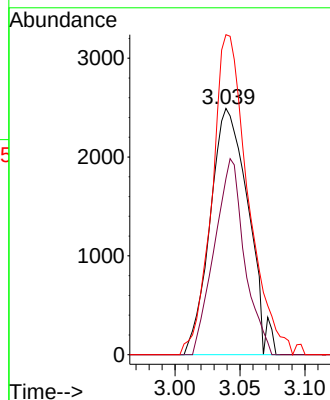
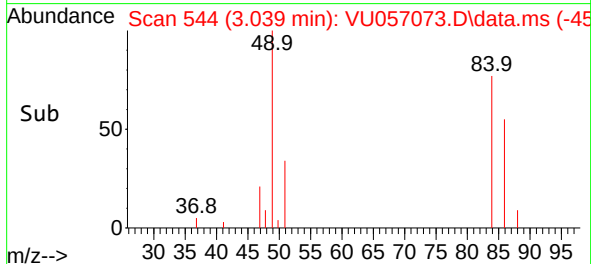


#16
Methylene chloride
Concen: 0.316 ug/L
RT: 3.039 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU057073.D
Acq: 20 Dec 2023 03:16

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MSVOA_U
ClientSampleId :

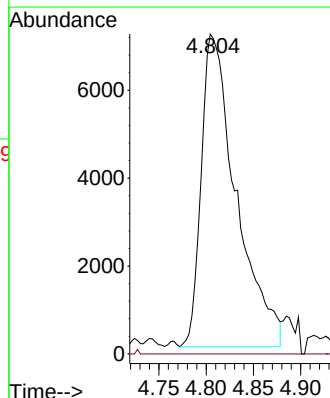
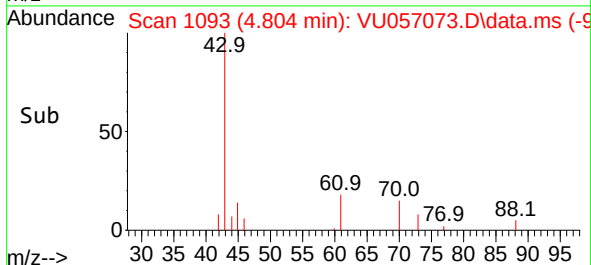
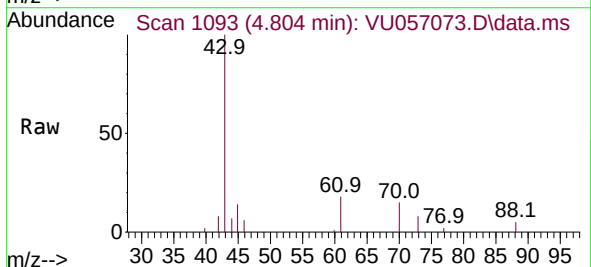


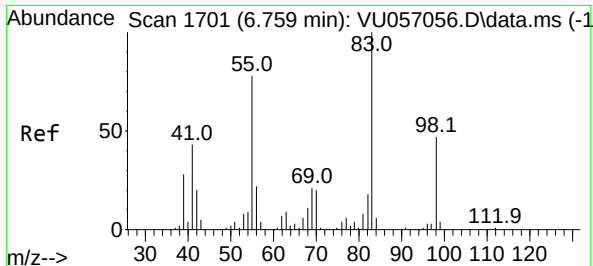
Tgt Ion: 84 Resp: 5056
Ion Ratio Lower Upper
84 100
86 71.5 43.6 81.0
49 135.2 80.6 149.6



#21
2-Butanone
Concen: 5.802 ug/L
RT: 4.804 min Scan# 1093
Delta R.T. 0.106 min
Lab File: VU057073.D
Acq: 20 Dec 2023 03:16

Tgt Ion: 43 Resp: 18260
Ion Ratio Lower Upper
43 100
72 0.1 14.6 43.8#

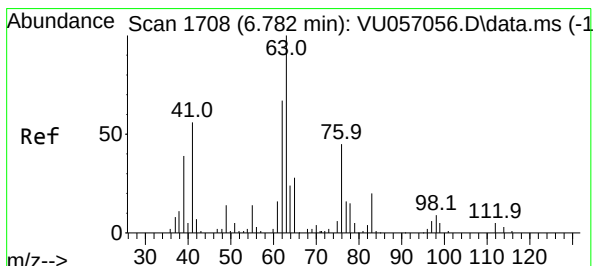
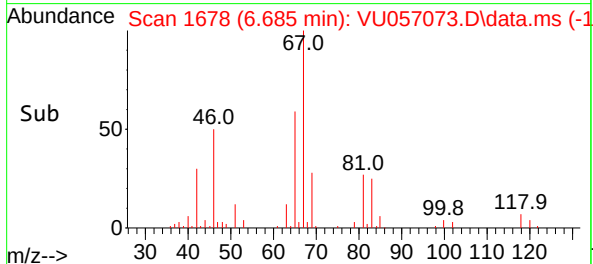
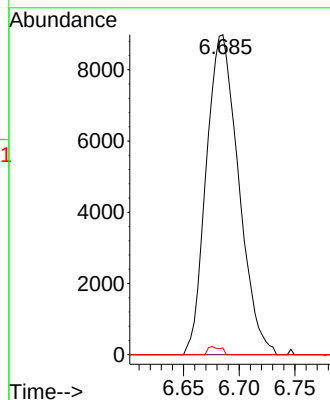
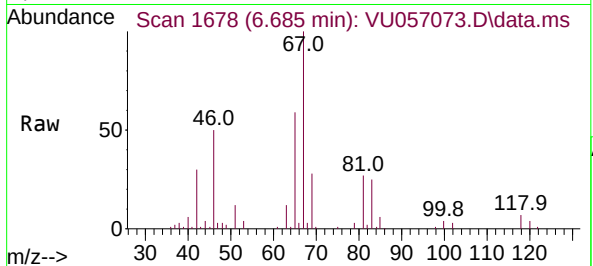




#35
Methylcyclohexane
Concen: 0.677 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057073.D
Acq: 20 Dec 2023 03:16

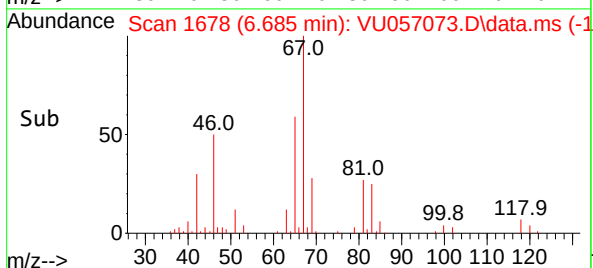
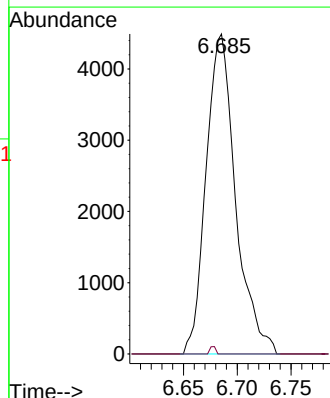
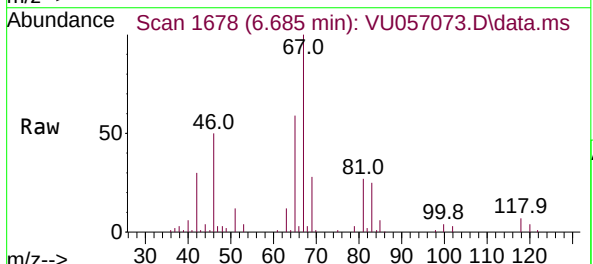
Instrument :
MSVOA_U
ClientSampleId :

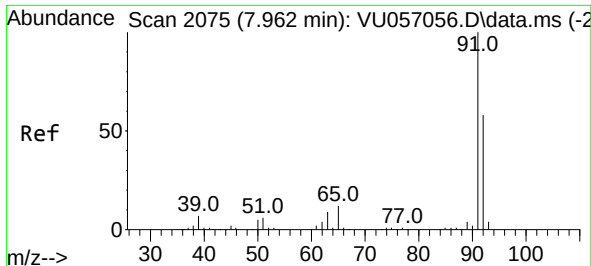
Tgt Ion: 83 Resp: 18128
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 1.0 36.1 54.1#



#37
1,2-Dichloropropane
Concen: 0.507 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.096 min
Lab File: VU057073.D
Acq: 20 Dec 2023 03:16

Tgt Ion: 63 Resp: 8581
Ion Ratio Lower Upper
63 100
112 0.5 3.3 4.9#





#42

Toluene

Concen: 0.326 ug/L

RT: 7.968 min Scan# 2075

Delta R.T. 0.006 min

Lab File: VU057073.D

Acq: 20 Dec 2023 03:16

Instrument :

MSVOA_U

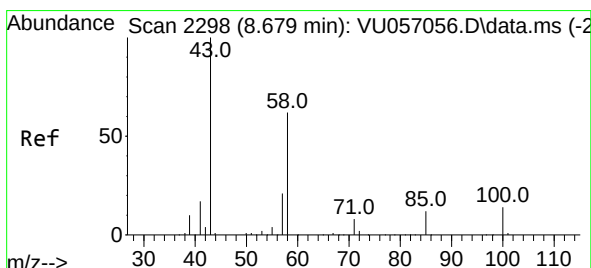
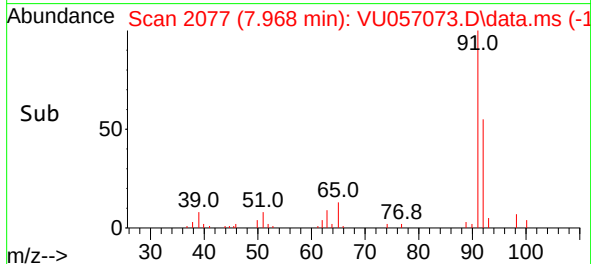
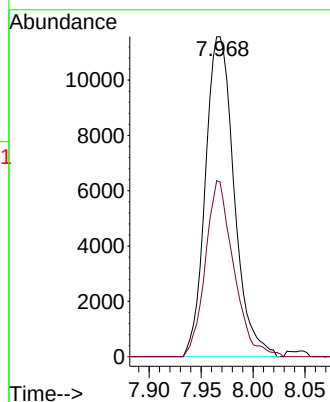
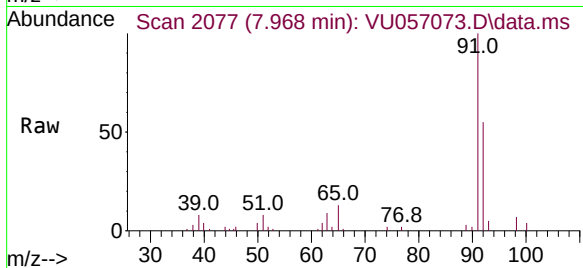
ClientSampleId :

Tgt Ion: 91 Resp: 22276

Ion Ratio Lower Upper

91 100

92 54.6 40.4 75.0



#48

2-Hexanone

Concen: 0.616 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VU057073.D

Acq: 20 Dec 2023 03:16

Tgt Ion: 43 Resp: 3523

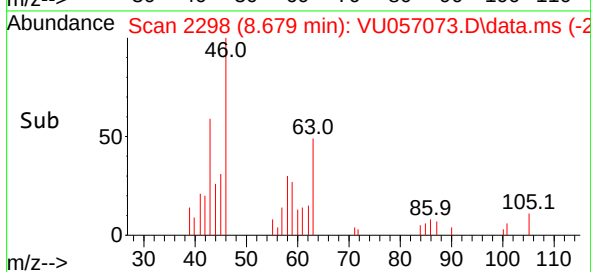
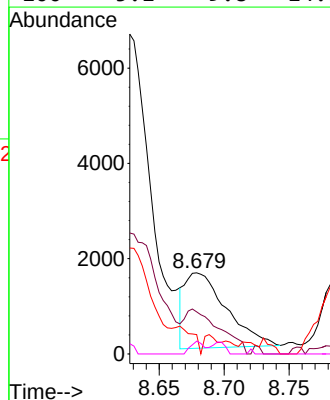
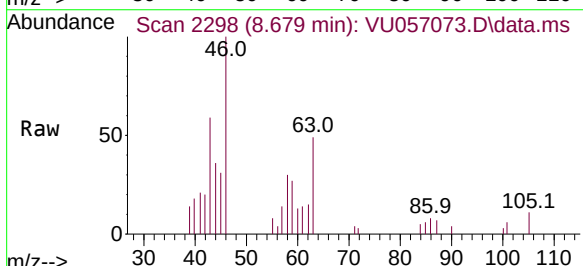
Ion Ratio Lower Upper

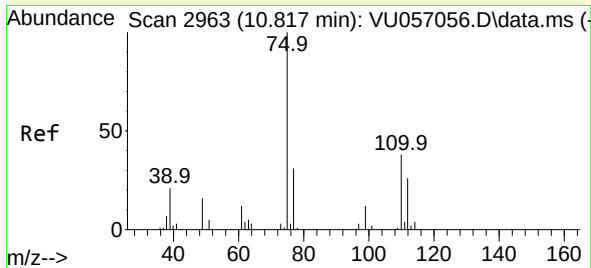
43 100

58 50.3 47.5 71.3

57 0.0 17.0 25.4#

100 5.1 9.8 14.8#





#61

1,2,3-Trichloropropane

Concen: 1.084 ug/L

RT: 11.804 min Scan# 31

Delta R.T. 0.987 min

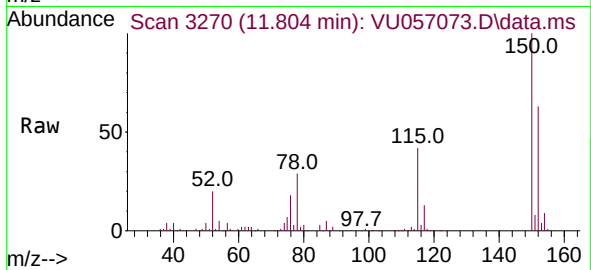
Lab File: VU057073.D

Acq: 20 Dec 2023 03:16

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 9668

Ion Ratio Lower Upper

75 100

110 2.3 28.4 42.6#

77 38.5 26.3 39.5

