

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122623\
 Data File : VU057270.D
 Acq On : 27 Dec 2023 07:22
 Operator : MD/SY
 Sample : 05998-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 28 00:54:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 27 01:05:12 2023
 Response via : Initial Calibration

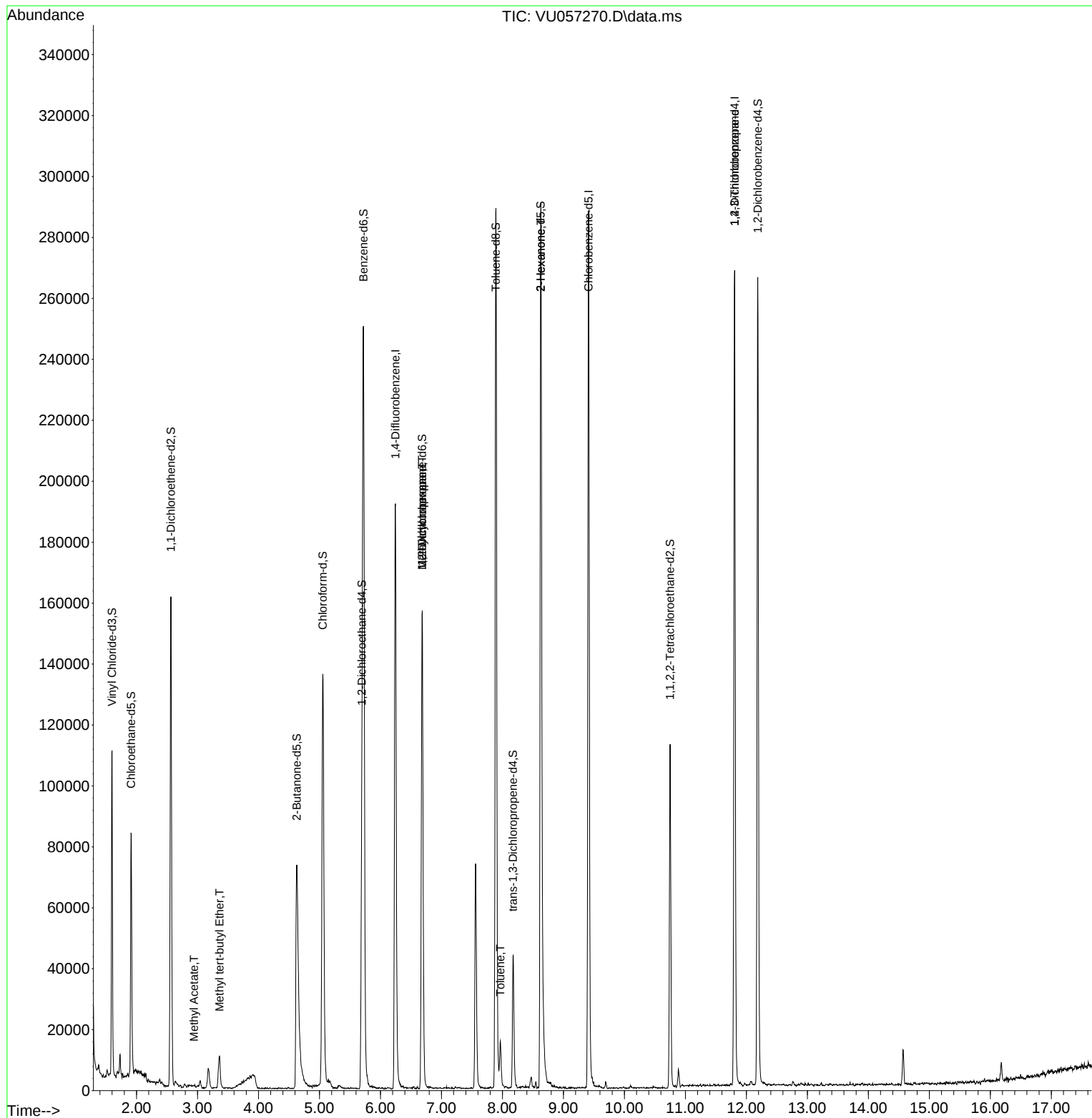
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	155701	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	160962	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	72587	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	77473	5.206	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	104.200%	
7) Chloroethane-d5	1.911	69	61629	5.031	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.600%	
11) 1,1-Dichloroethene-d2	2.563	65	30277	4.696	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	94.000%	
20) 2-Butanone-d5	4.628	46	126239	54.027	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.060%	
24) Chloroform-d	5.055	84	131916	4.590	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
26) 1,2-Dichloroethane-d4	5.695	65	63772	4.656	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.200%	
32) Benzene-d6	5.721	84	244761	4.433	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.600%	
36) 1,2-Dichloropropane-d6	6.685	67	76217	4.851	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.000%	
41) Toluene-d8	7.891	98	200721	3.982	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.600%	
43) trans-1,3-Dichloroprop...	8.174	79	26661	4.077	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.600%	
46) 2-Hexanone-d5	8.627	63	99751	44.798	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.600%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	55752	4.987	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	67172	4.301	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	86.000%	
Target Compounds						
					Qvalue	
15) Methyl Acetate	2.943	43	552	0.167	ug/L #	46
17) Methyl tert-butyl Ether	3.361	73	11273	0.456	ug/L	99
35) Methylcyclohexane	6.682	83	17790	0.906	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	8273	0.652	ug/L #	88
42) Toluene	7.965	91	10567	0.195	ug/L	94
48) 2-Hexanone	8.631	43	13143	3.237	ug/L #	78
61) 1,2,3-Trichloropropane	11.807	75	7923	1.171	ug/L #	61

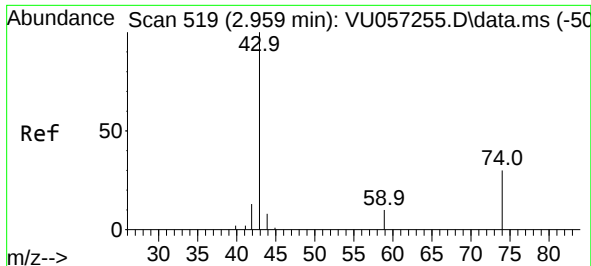
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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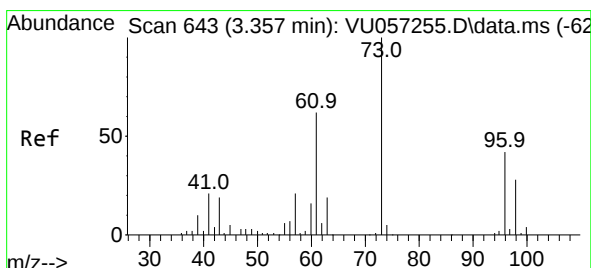
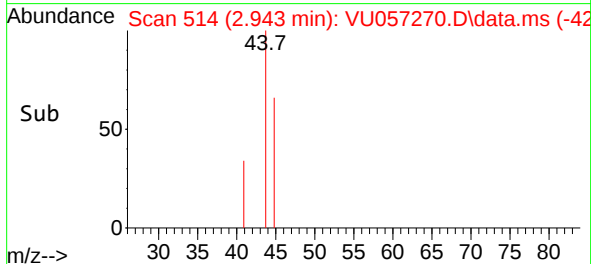
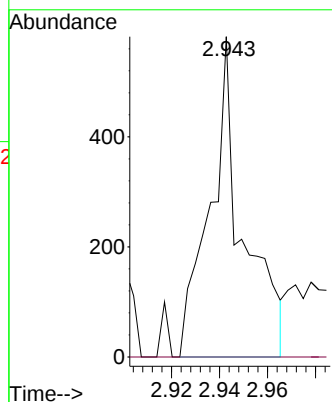
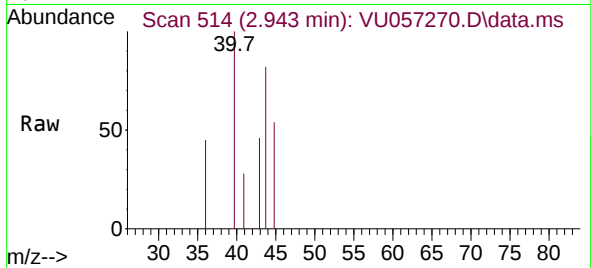




#15
Methyl Acetate
Concen: 0.167 ug/L
RT: 2.943 min Scan# 519
Delta R.T. -0.016 min
Lab File: VU057270.D
Acq: 27 Dec 2023 07:22

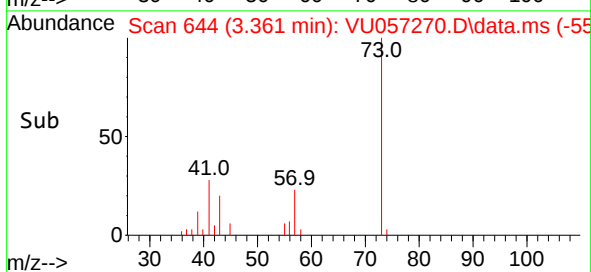
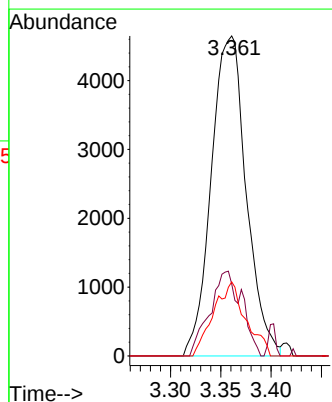
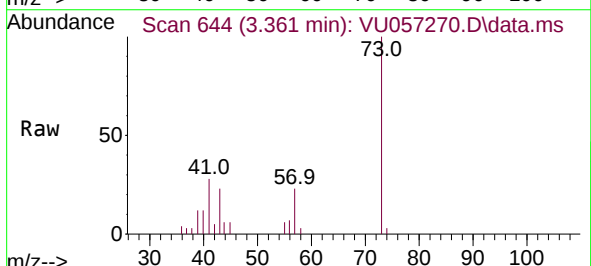
Instrument :
MSVOA_U
ClientSampleId :

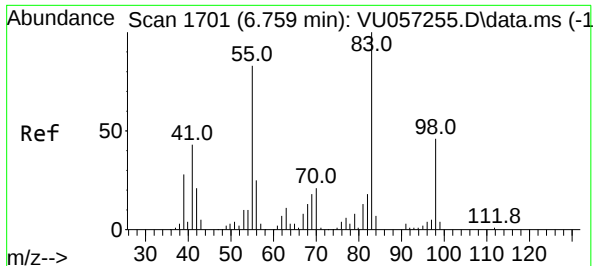
Tgt Ion: 43 Resp: 552
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#



#17
Methyl tert-butyl Ether
Concen: 0.456 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU057270.D
Acq: 27 Dec 2023 07:22

Tgt Ion: 73 Resp: 11273
Ion Ratio Lower Upper
73 100
43 19.2 15.4 23.0
57 21.3 16.2 24.2

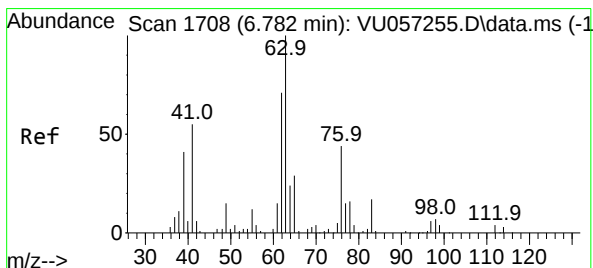
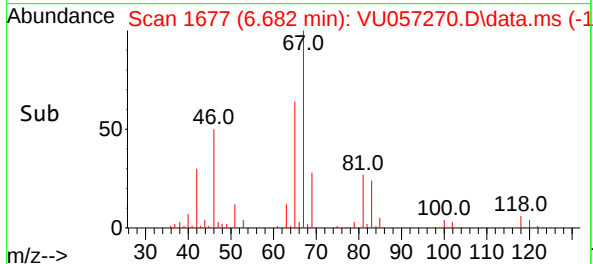
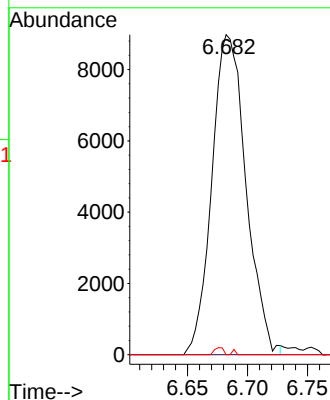
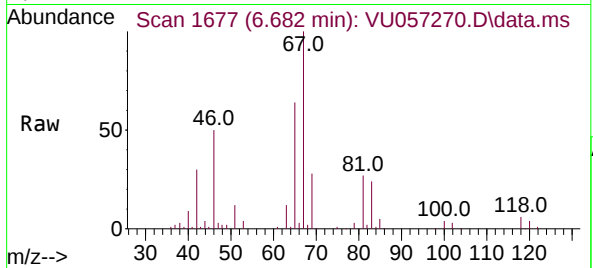




#35
Methylcyclohexane
Concen: 0.906 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU057270.D
Acq: 27 Dec 2023 07:22

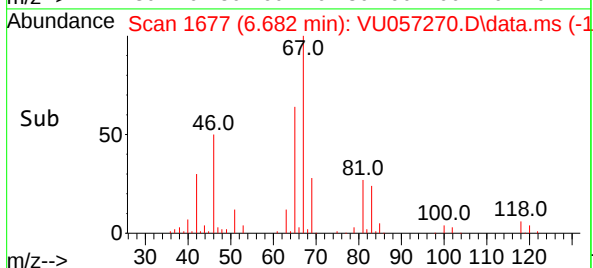
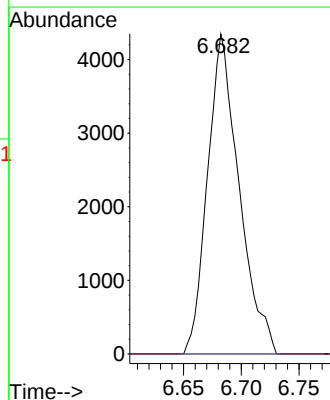
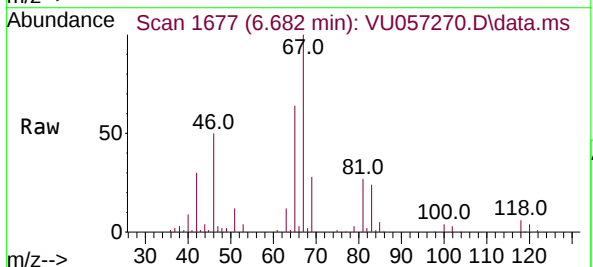
Instrument :
MSVOA_U
ClientSampleId :

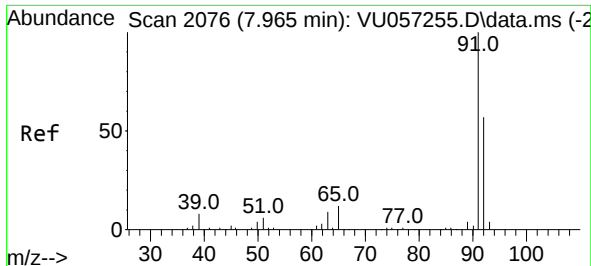
Tgt Ion: 83 Resp: 17790
Ion Ratio Lower Upper
83 100
55 0.0 61.3 91.9#
98 0.2 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.652 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU057270.D
Acq: 27 Dec 2023 07:22

Tgt Ion: 63 Resp: 8273
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#42

Toluene

Concen: 0.195 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU057270.D

Acq: 27 Dec 2023 07:22

Instrument :

MSVOA_U

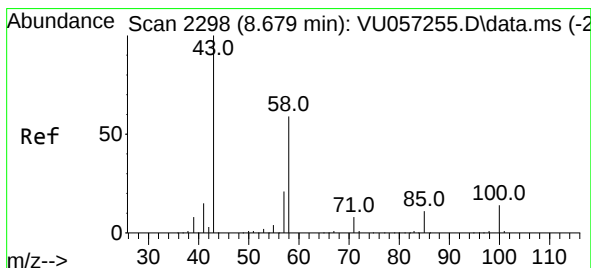
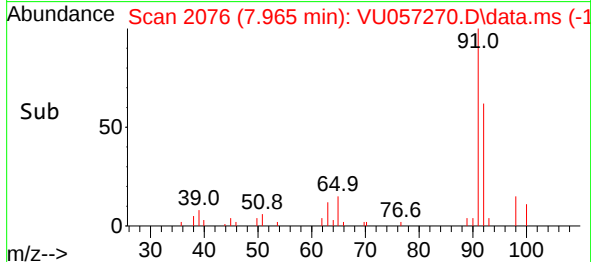
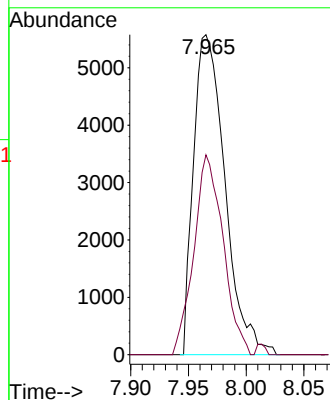
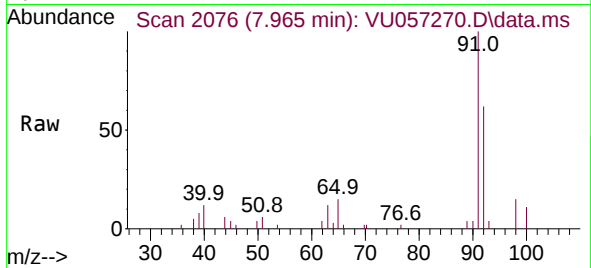
ClientSampleId :

Tgt Ion: 91 Resp: 10567

Ion Ratio Lower Upper

91 100

92 62.5 40.5 75.1



#48

2-Hexanone

Concen: 3.237 ug/L

RT: 8.631 min Scan# 2283

Delta R.T. -0.048 min

Lab File: VU057270.D

Acq: 27 Dec 2023 07:22

Tgt Ion: 43 Resp: 13143

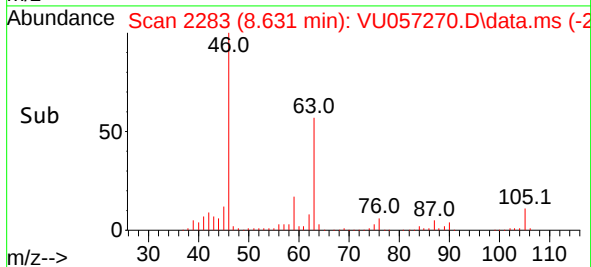
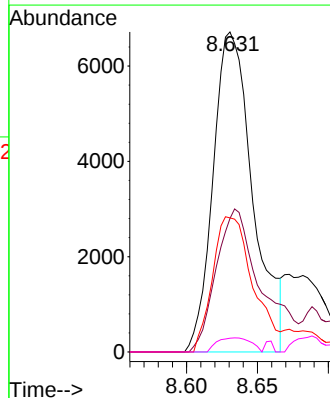
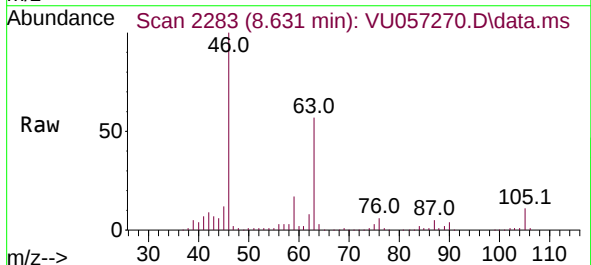
Ion Ratio Lower Upper

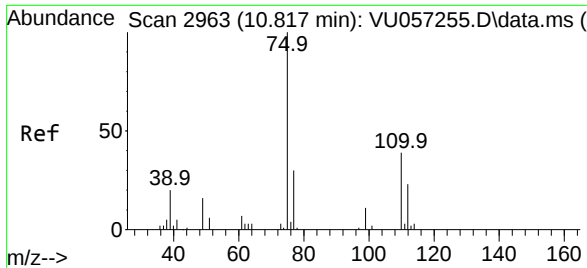
43 100

58 50.9 49.8 74.8

57 43.0 18.5 27.7#

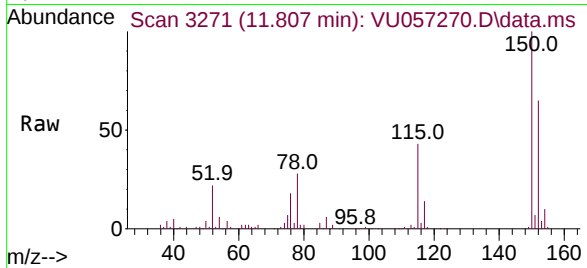
100 3.8 11.1 16.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.171 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU057270.D
 Acq: 27 Dec 2023 07:22

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 7923
 Ion Ratio Lower Upper
 75 100
 110 1.5 31.2 46.8#
 77 38.6 25.5 38.3#

