

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
 Data File : VU057141.D
 Acq On : 21 Dec 2023 18:01
 Operator : MD/SY
 Sample : 05866-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 21 23:32:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 21 23:30:13 2023
 Response via : Initial Calibration

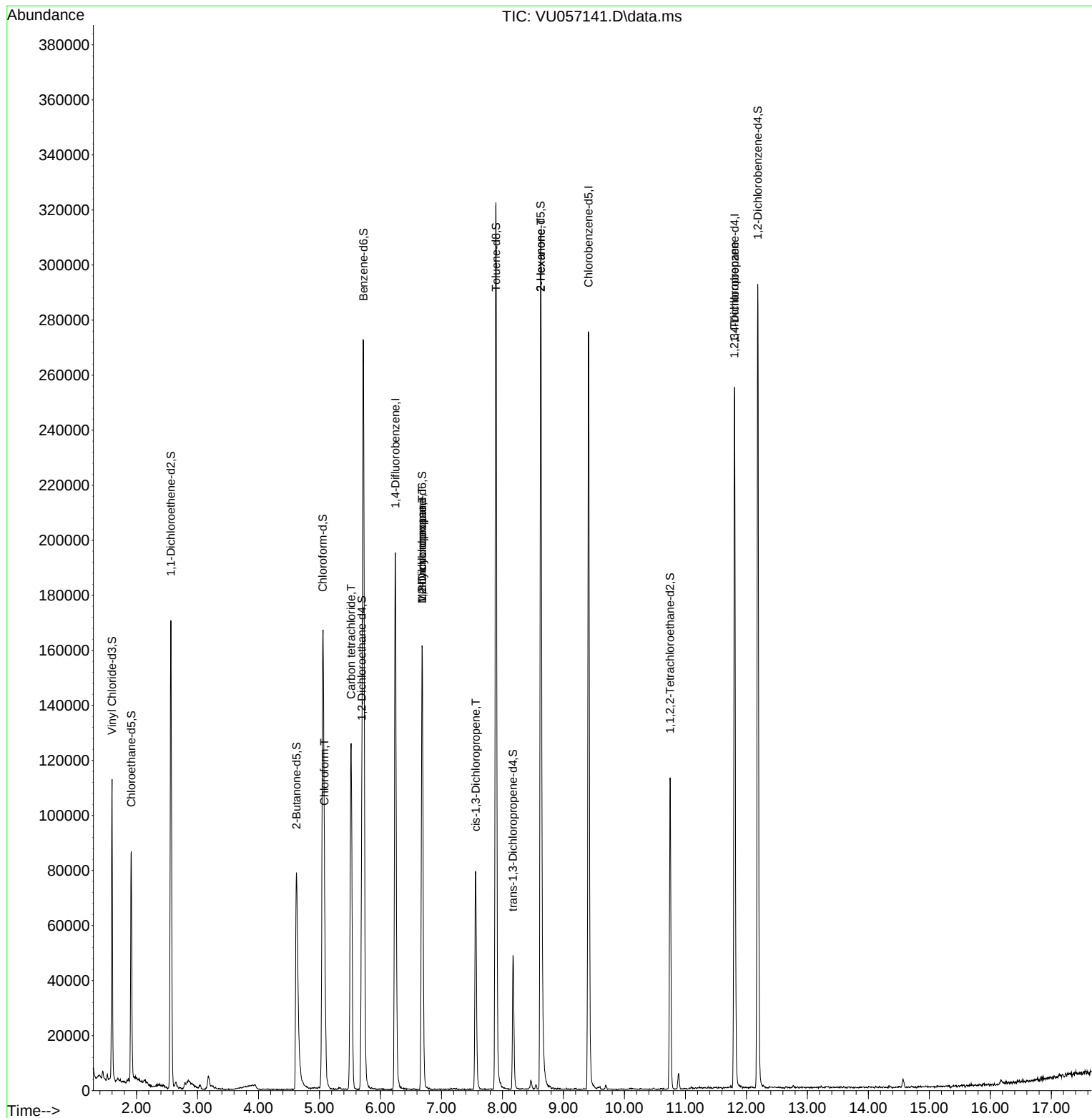
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	156550	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	151725	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	68329	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	75356	5.036	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.800%		
7) Chloroethane-d5	1.914	69	62513	5.075	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 101.600%		
11) 1,1-Dichloroethene-d2	2.563	65	32460	5.007	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 100.200%		
20) 2-Butanone-d5	4.624	46	123521	52.577	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 105.160%		
24) Chloroform-d	5.055	84	147931	5.119	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.400%		
26) 1,2-Dichloroethane-d4	5.695	65	68721	4.990	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 99.800%		
32) Benzene-d6	5.721	84	258350	4.965	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 99.200%		
36) 1,2-Dichloropropane-d6	6.685	67	73823	4.985	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 99.600%		
41) Toluene-d8	7.894	98	222259	4.678	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 93.600%		
43) trans-1,3-Dichloroprop...	8.174	79	30269	4.910	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 98.200%		
46) 2-Hexanone-d5	8.627	63	108269	51.584	ug/L	-0.03
Spiked Amount	50.000	Range 45 - 130	Recovery	= 103.160%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	53272	5.055	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 101.200%		
66) 1,2-Dichlorobenzene-d4	12.187	152	75898	5.162	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 103.200%		
Target Compounds						Qvalue
25) Chloroform	5.081	83	48885	1.913	ug/L	96
31) Carbon tetrachloride	5.518	117	89720	4.230	ug/L	100
35) Methylcyclohexane	6.685	83	20115	1.086	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	9250	0.773	ug/L #	88
39) cis-1,3-Dichloropropene	7.563	75	2138	0.119	ug/L #	62
48) 2-Hexanone	8.631	43	14159	3.700	ug/L #	79
61) 1,2,3-Trichloropropane	11.804	75	7402	1.163	ug/L #	64

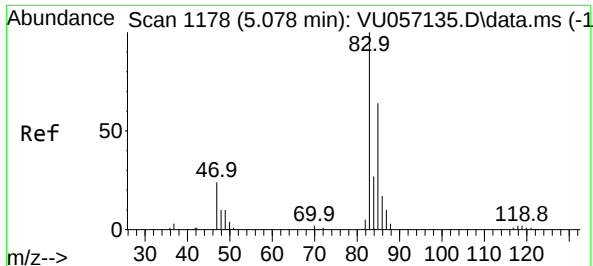
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 1.913 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

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Instrument :

MSVOA_U

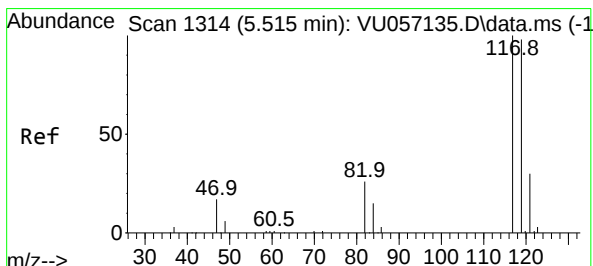
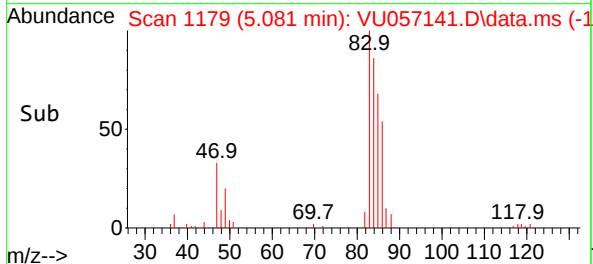
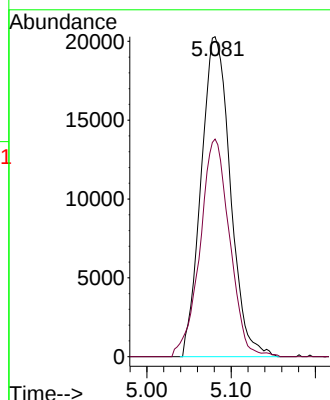
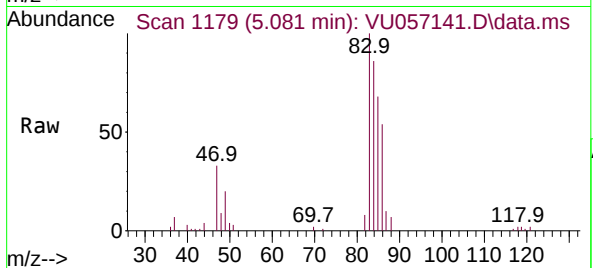
ClientSampleId :

Tgt Ion: 83 Resp: 48885

Ion Ratio Lower Upper

83 100

85 68.0 45.4 84.4



#31

Carbon tetrachloride

Concen: 4.230 ug/L

RT: 5.518 min Scan# 1315

Delta R.T. 0.003 min

Lab File: VU057141.D

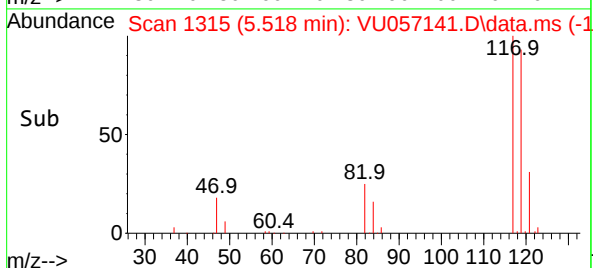
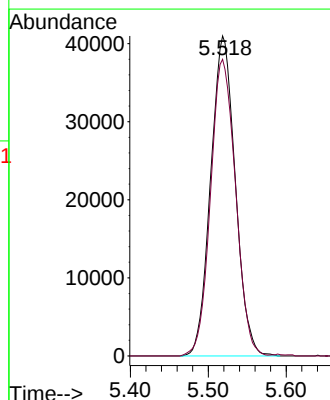
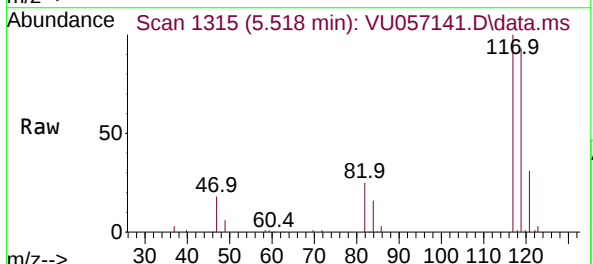
Acq: 21 Dec 2023 18:01

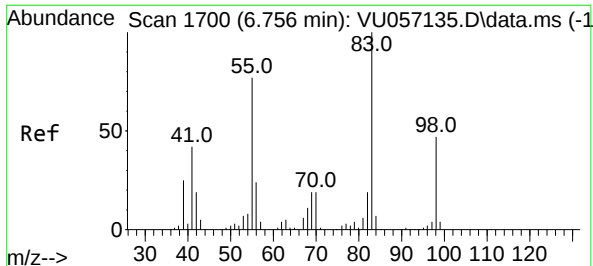
Tgt Ion: 117 Resp: 89720

Ion Ratio Lower Upper

117 100

119 94.2 75.1 112.7

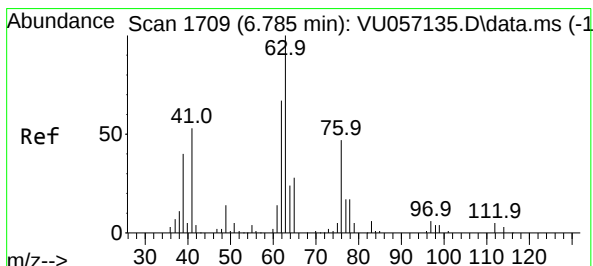
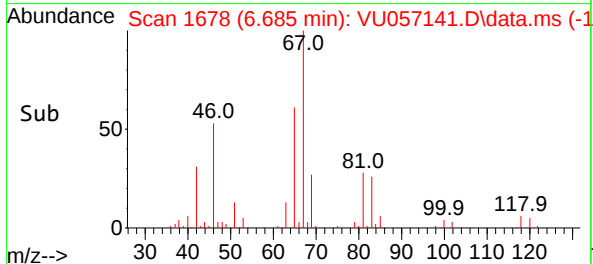
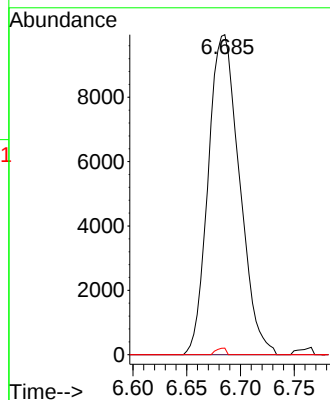
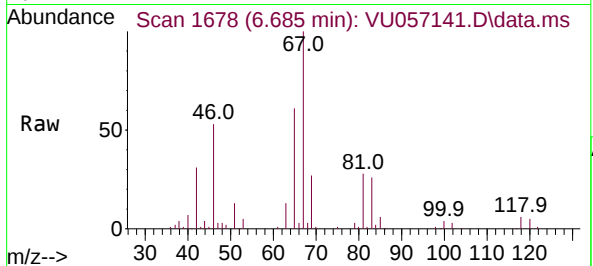




#35
Methylcyclohexane
Concen: 1.086 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU057141.D
Acq: 21 Dec 2023 18:01

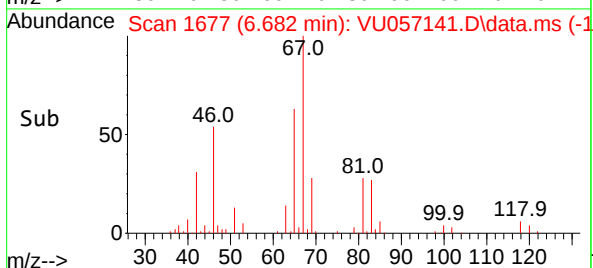
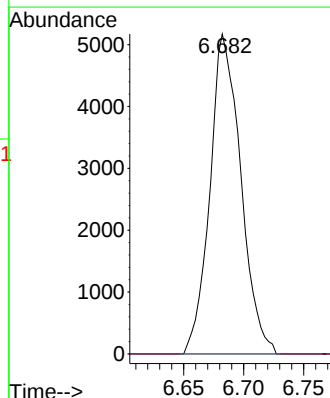
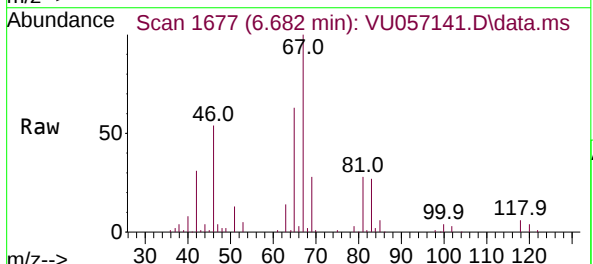
Instrument :
MSVOA_U
ClientSampleId :

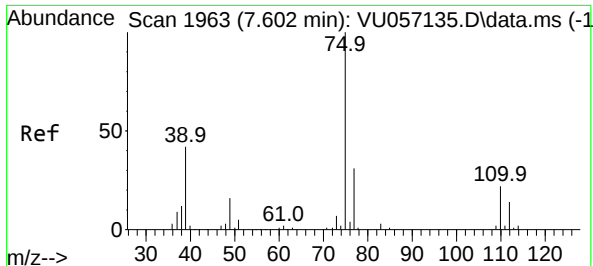
Tgt Ion: 83 Resp: 20115
Ion Ratio Lower Upper
83 100
55 0.0 61.3 91.9#
98 0.7 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.773 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.103 min
Lab File: VU057141.D
Acq: 21 Dec 2023 18:01

Tgt Ion: 63 Resp: 9250
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.119 ug/L

RT: 7.563 min Scan# 1963

Delta R.T. -0.039 min

Lab File: VU057141.D

Acq: 21 Dec 2023 18:01

Instrument :

MSVOA_U

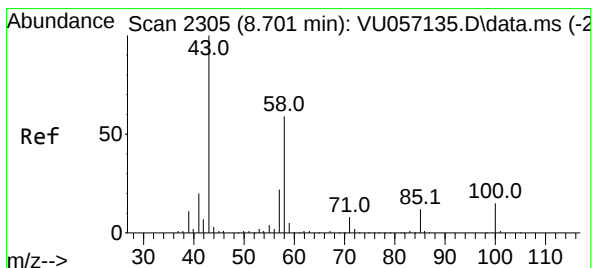
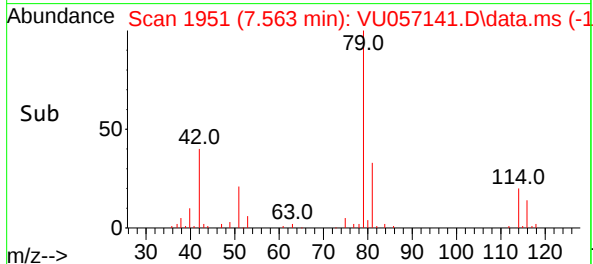
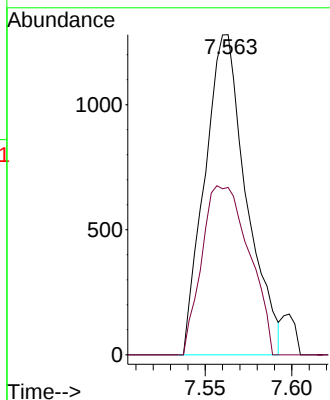
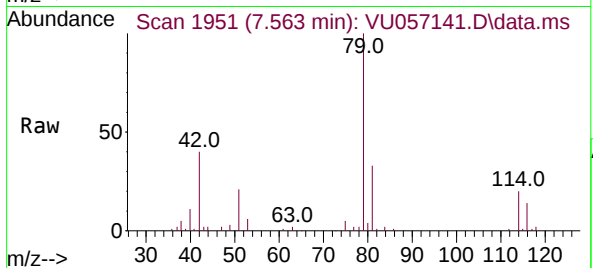
ClientSampleId :

Tgt Ion: 75 Resp: 2138

Ion Ratio Lower Upper

75 100

77 52.3 21.8 40.4#



#48

2-Hexanone

Concen: 3.700 ug/L

RT: 8.631 min Scan# 2283

Delta R.T. -0.071 min

Lab File: VU057141.D

Acq: 21 Dec 2023 18:01

Tgt Ion: 43 Resp: 14159

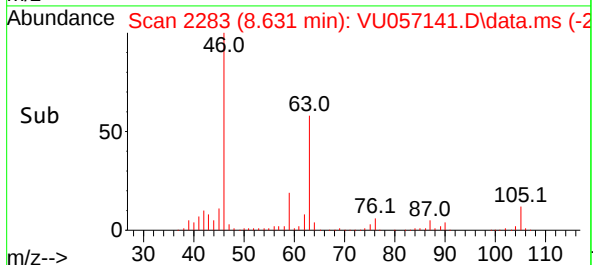
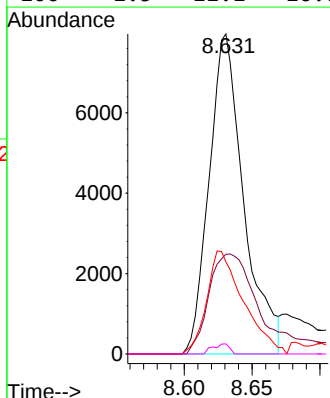
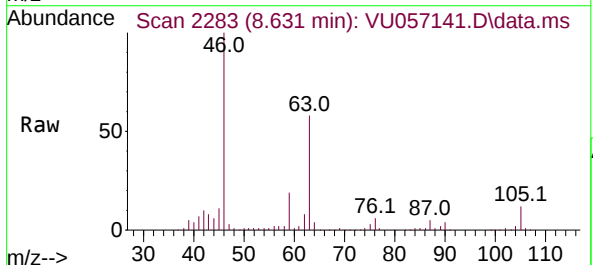
Ion Ratio Lower Upper

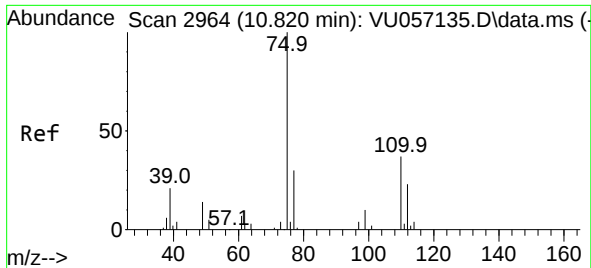
43 100

58 48.1 49.8 74.8#

57 34.1 18.5 27.7#

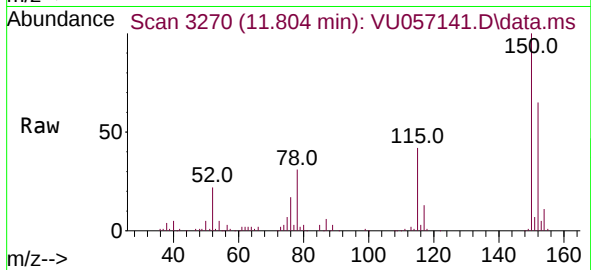
100 1.5 11.1 16.7#





#61
1,2,3-Trichloropropane
Concen: 1.163 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.984 min
Lab File: VU057141.D
Acq: 21 Dec 2023 18:01

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	3.1	31.2	46.8#
77	36.9	25.5	38.3

