

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
 Data File : VU057316.D
 Acq On : 28 Dec 2023 07:10
 Operator : MD/SY
 Sample : 06020-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 28 20:46:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 05:49:04 2023
 Response via : Initial Calibration

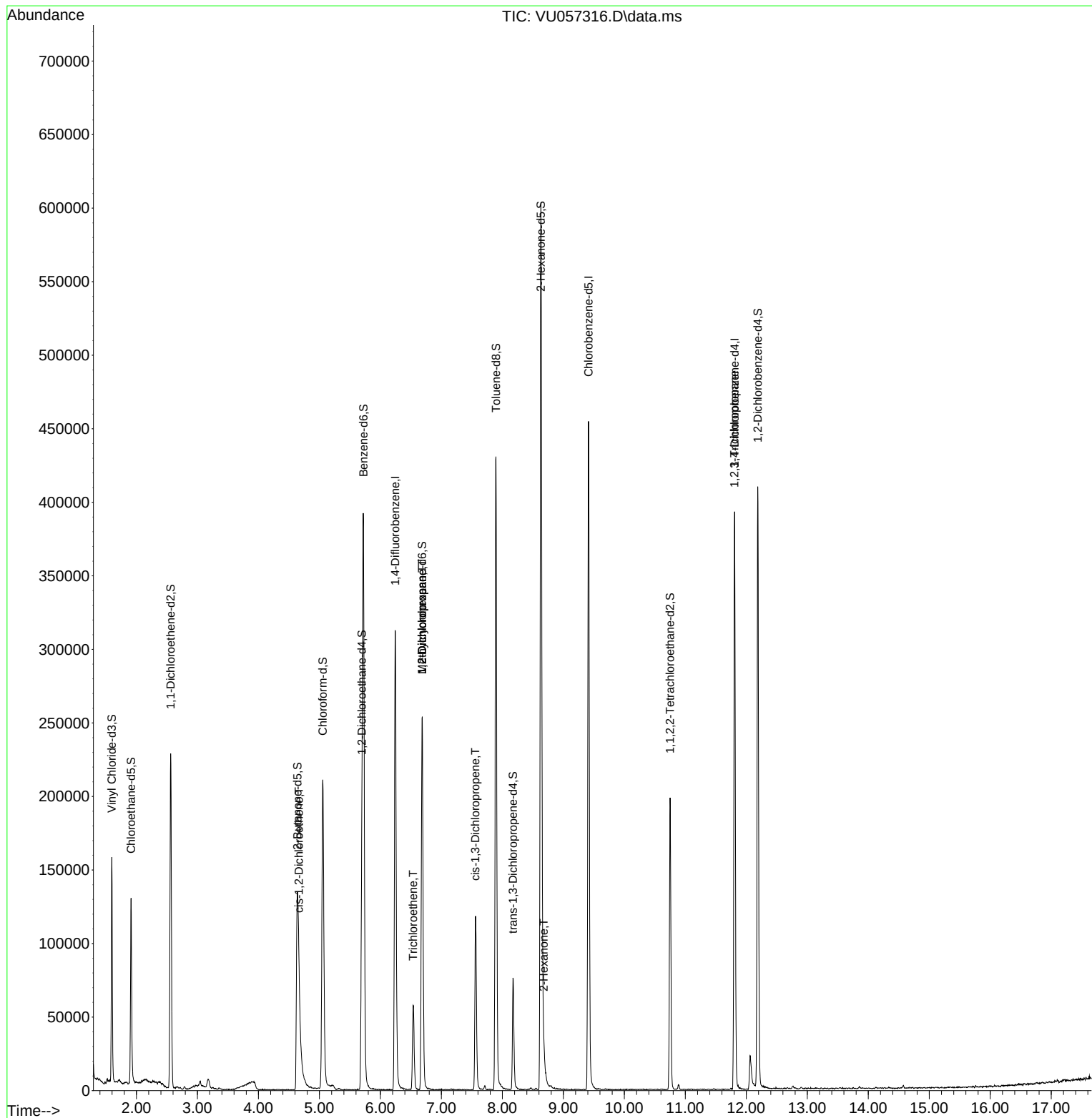
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	252051	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	258694	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	103053	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	109756	5.065	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 101.400%		
7) Chloroethane-d5	1.911	69	94517	5.431	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 108.600%		
11) 1,1-Dichloroethene-d2	2.560	65	43791	5.078	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 101.600%		
20) 2-Butanone-d5	4.637	46	280047	57.063	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 114.120%		
24) Chloroform-d	5.055	84	199800	5.185	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 103.800%		
26) 1,2-Dichloroethane-d4	5.695	65	107259	5.447	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 109.000%		
32) Benzene-d6	5.721	84	370553	5.025	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 100.400%		
36) 1,2-Dichloropropane-d6	6.682	67	126531	5.476	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 109.600%		
41) Toluene-d8	7.894	98	290294	4.563	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 91.200%		
43) trans-1,3-Dichloroprop...	8.174	79	45830	4.943	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 98.800%		
46) 2-Hexanone-d5	8.631	63	211257	50.307	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 100.620%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	101086	5.209	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 104.200%		
66) 1,2-Dichlorobenzene-d4	12.187	152	105531	5.624	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 112.400%		
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.663	96	4298	0.227	ug/L	90
34) Trichloroethene	6.538	95	21811	1.098	ug/L	94
35) Methylcyclohexane	6.682	83	29330	1.131	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	13400	0.646	ug/L #	90
39) cis-1,3-Dichloropropene	7.557	75	3201	0.113	ug/L #	58
48) 2-Hexanone	8.679	43	5017	0.644	ug/L #	42
61) 1,2,3-Trichloropropane	11.804	75	12485	1.160	ug/L #	68

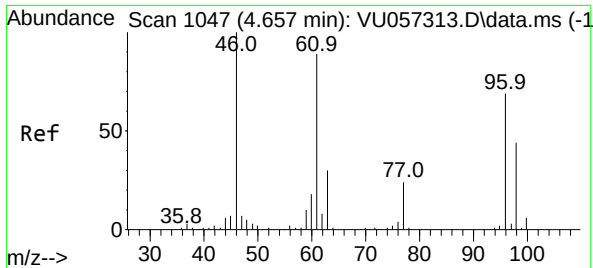
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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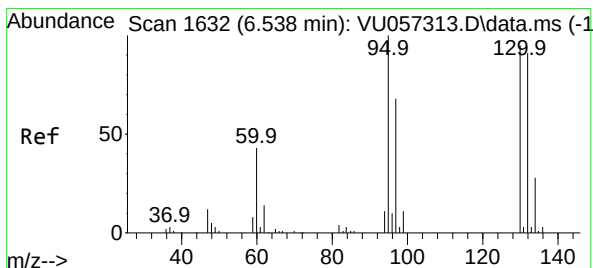
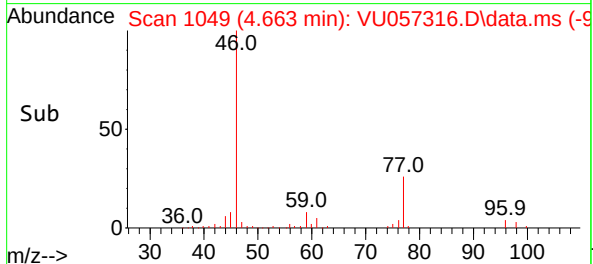
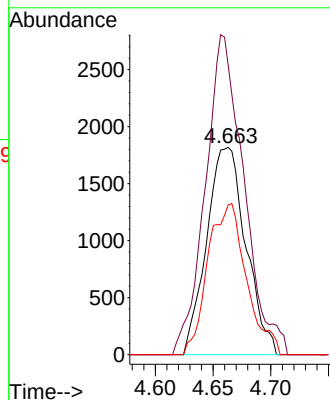
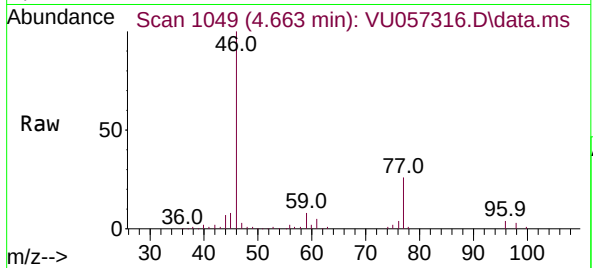




#22
cis-1,2-Dichloroethene
Concen: 0.227 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU057316.D
Acq: 28 Dec 2023 07:10

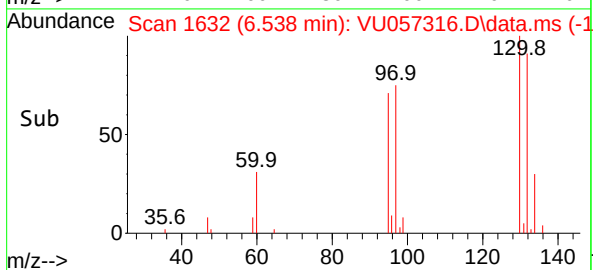
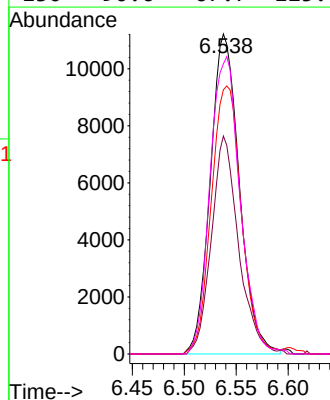
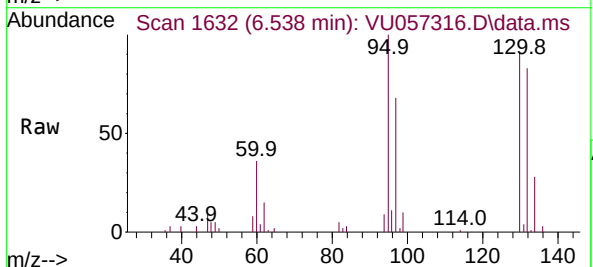
Instrument :
MSVOA_U
ClientSampleId :

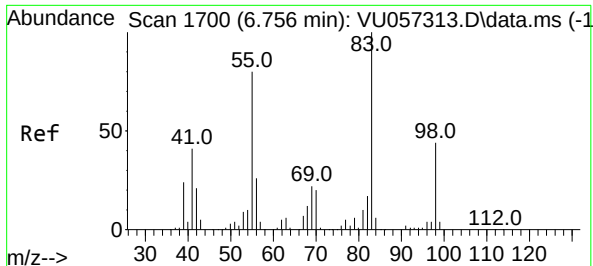
Tgt Ion: 96 Resp: 4298
Ion Ratio Lower Upper
96 100
61 139.5 91.1 169.3
98 72.3 42.6 79.0



#34
Trichloroethene
Concen: 1.098 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU057316.D
Acq: 28 Dec 2023 07:10

Tgt Ion: 95 Resp: 21811
Ion Ratio Lower Upper
95 100
97 68.1 45.3 84.1
132 82.6 63.1 117.3
130 90.6 67.7 125.7





#35

Methylcyclohexane

Concen: 1.131 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU057316.D

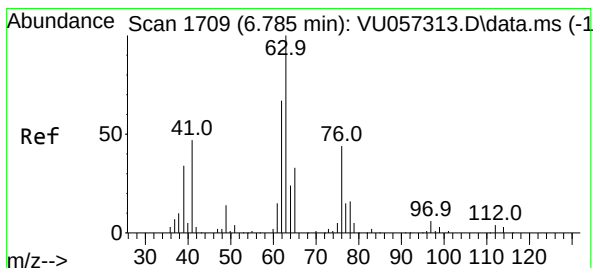
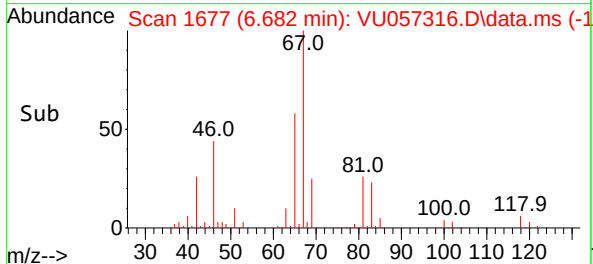
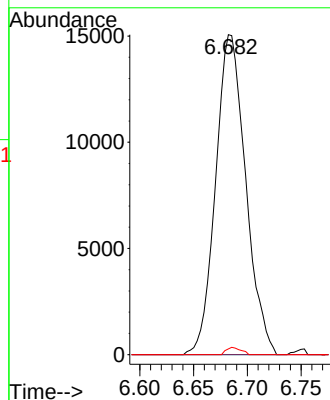
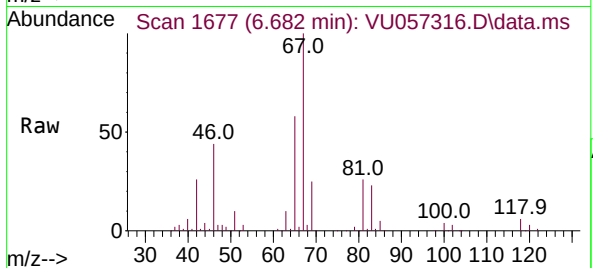
Acq: 28 Dec 2023 07:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 29330
Ion Ratio	Lower Upper
83 100	
55 0.0	65.4 98.2#
98 1.1	35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.646 ug/L

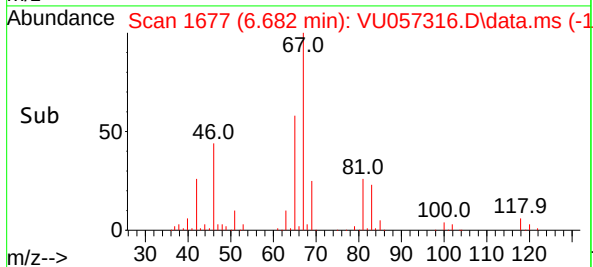
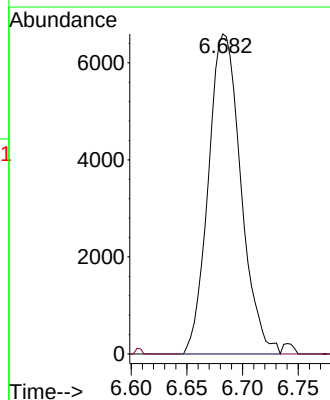
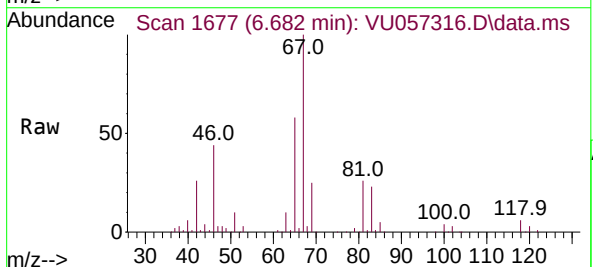
RT: 6.682 min Scan# 1677

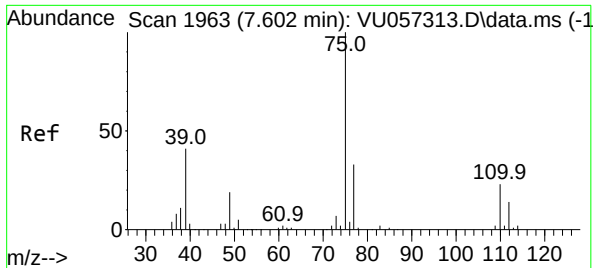
Delta R.T. -0.103 min

Lab File: VU057316.D

Acq: 28 Dec 2023 07:10

Tgt Ion: 63	Resp: 13400
Ion Ratio	Lower Upper
63 100	
112 0.3	2.9 4.3#





#39

cis-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 7.557 min Scan# 1963

Delta R.T. -0.045 min

Lab File: VU057316.D

Acq: 28 Dec 2023 07:10

Instrument :

MSVOA_U

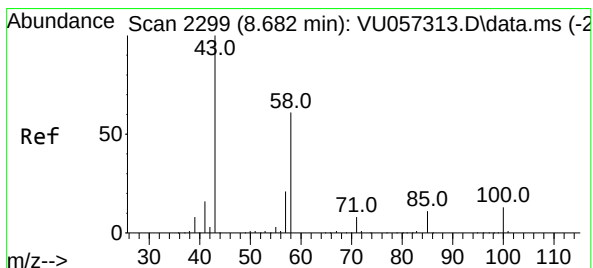
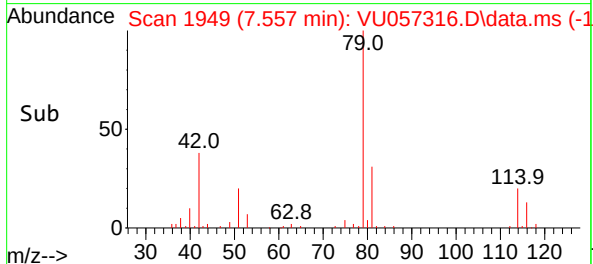
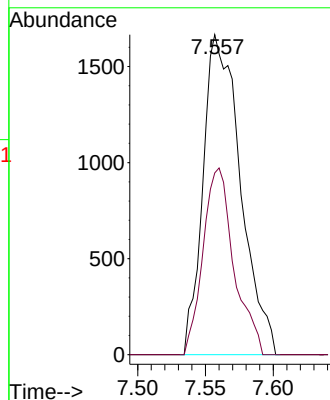
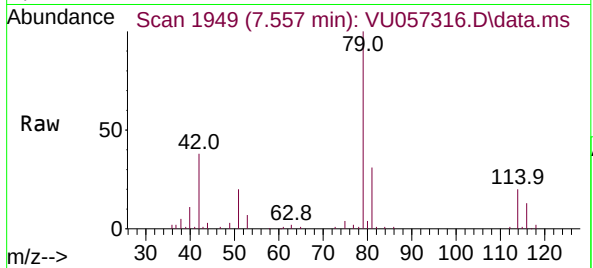
ClientSampleId :

Tgt Ion: 75 Resp: 3201

Ion Ratio Lower Upper

75 100

77 56.8 23.0 42.8#



#48

2-Hexanone

Concen: 0.644 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. -0.003 min

Lab File: VU057316.D

Acq: 28 Dec 2023 07:10

Tgt Ion: 43 Resp: 5017

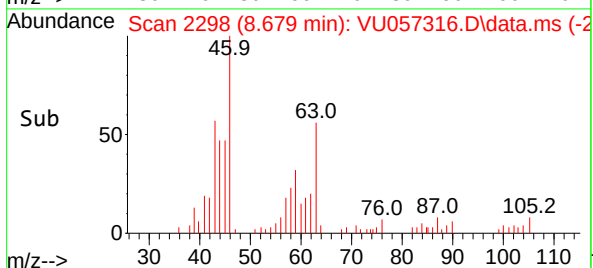
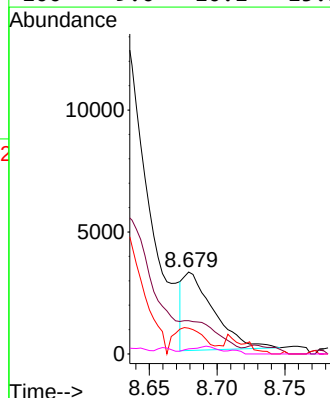
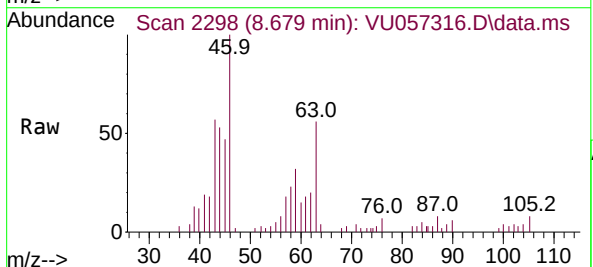
Ion Ratio Lower Upper

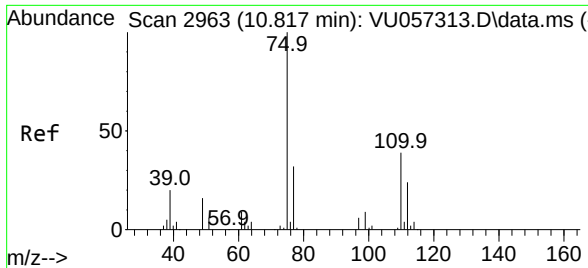
43 100

58 0.0 48.4 72.6#

57 33.5 17.4 26.2#

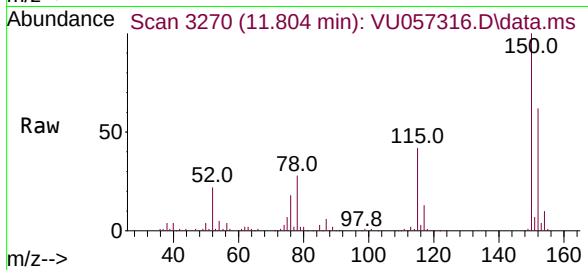
100 9.0 10.1 15.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.160 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU057316.D
 Acq: 28 Dec 2023 07:10

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	3.5	29.0	43.6#
77	34.5	25.4	38.2

