

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112023\
 Data File : VU056522.D
 Acq On : 20 Nov 2023 13:12
 Operator : MD/SY
 Sample : 05411-04RE
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 00:39:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 21 00:36:07 2023
 Response via : Initial Calibration

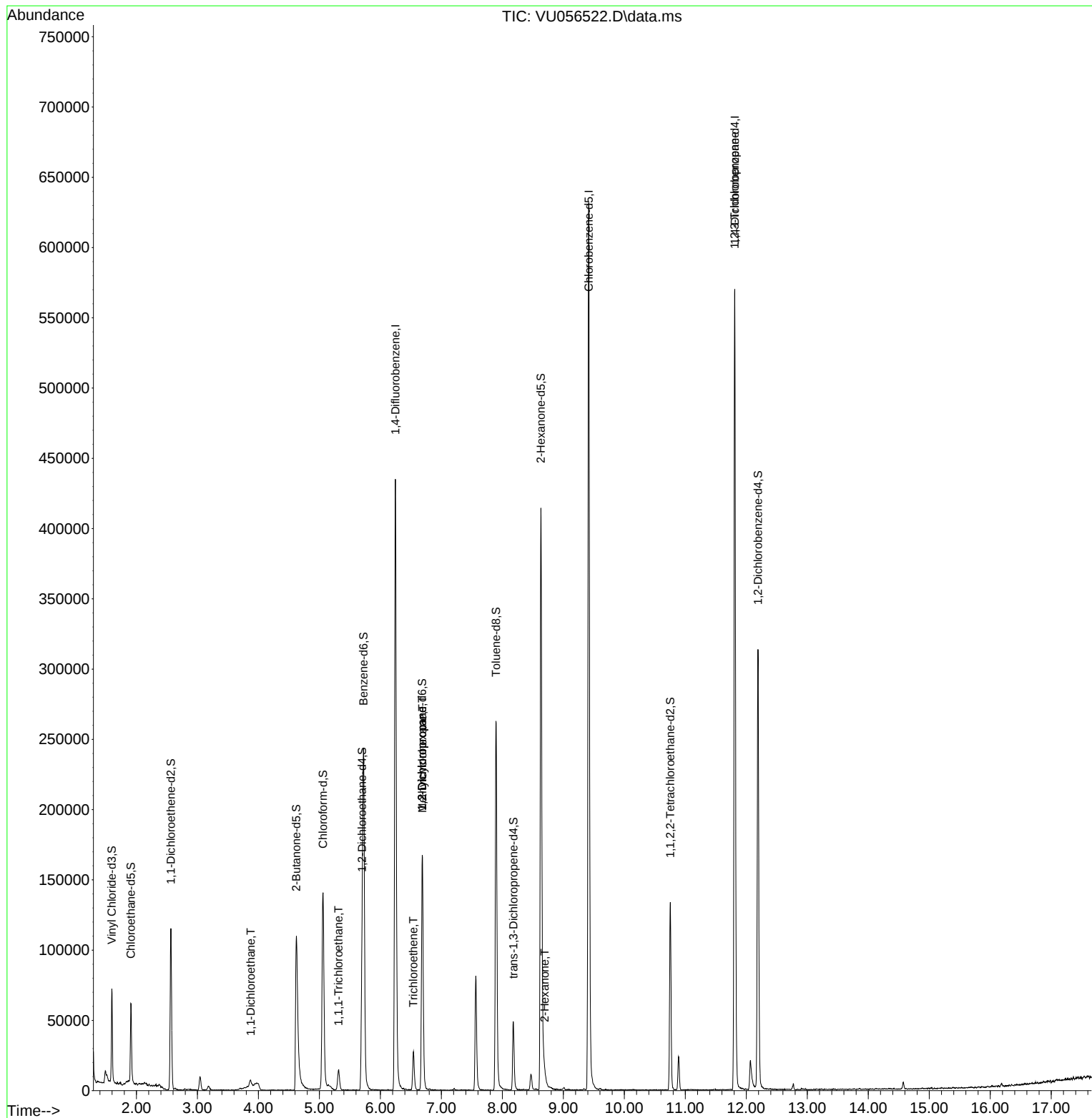
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	353063	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	360579	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	154378	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	46385	1.756	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	35.200%#	
7) Chloroethane-d5	1.908	69	40921	2.021	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	40.400%#	
11) 1,1-Dichloroethene-d2	2.563	65	23266	1.996	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	40.000%#	
20) 2-Butanone-d5	4.621	46	178338	33.867	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	67.740%	
24) Chloroform-d	5.059	84	136816	2.678	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	53.600%#	
26) 1,2-Dichloroethane-d4	5.698	65	67445	2.857	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	57.200%#	
32) Benzene-d6	5.724	84	236348	2.200	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	44.000%#	
36) 1,2-Dichloropropane-d6	6.685	67	83069	2.566	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	51.400%#	
41) Toluene-d8	7.894	98	184883	1.949	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	39.000%#	
43) trans-1,3-Dichloroprop...	8.181	79	31373	2.526	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	50.600%#	
46) 2-Hexanone-d5	8.631	63	143410	29.388	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	58.780%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	67834	2.932	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	58.600%#	
66) 1,2-Dichlorobenzene-d4	12.190	152	84390	2.959	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	59.200%#	
Target Compounds						
					Qvalue	
19) 1,1-Dichloroethane	3.872	63	5931	0.135	ug/L	95
29) 1,1,1-Trichloroethane	5.313	97	9562	0.231	ug/L	94
34) Trichloroethene	6.541	95	9243	0.330	ug/L	95
35) Methylcyclohexane	6.689	83	20318	0.502	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	9424	0.351	ug/L #	89
48) 2-Hexanone	8.692	43	6381	0.616	ug/L #	55
61) 1,2,3-Trichloropropane	11.807	75	18883	1.426	ug/L #	68

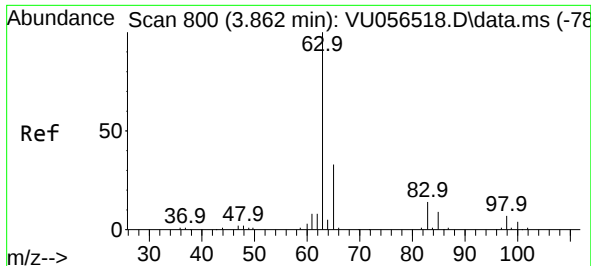
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 0.135 ug/L

RT: 3.872 min Scan# 800

Delta R.T. 0.010 min

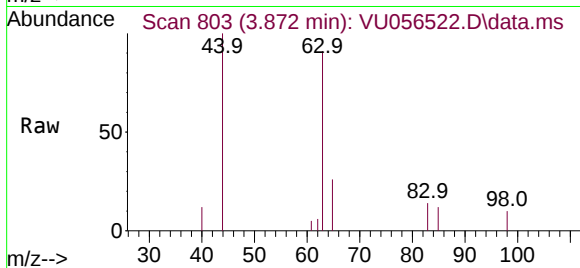
Lab File: VU056522.D

Acq: 20 Nov 2023 13:12

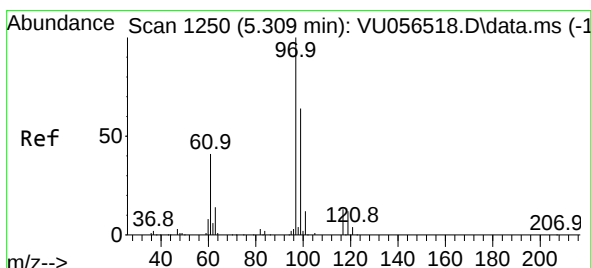
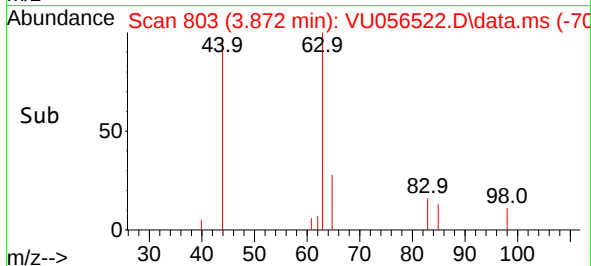
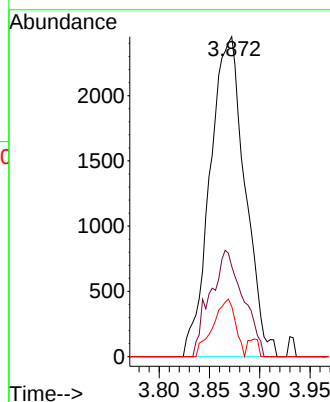
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	63	Resp:	5931
Ion	Ratio	Lower	Upper
63	100		
65	28.2	21.8	40.6
83	15.7	9.7	17.9



#29

1,1,1-Trichloroethane

Concen: 0.231 ug/L

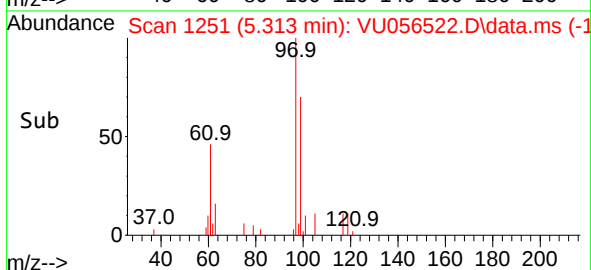
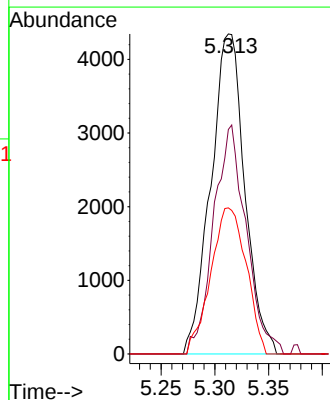
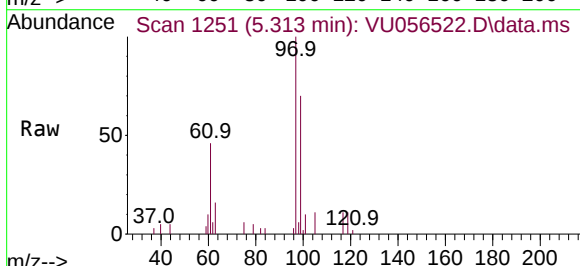
RT: 5.313 min Scan# 1251

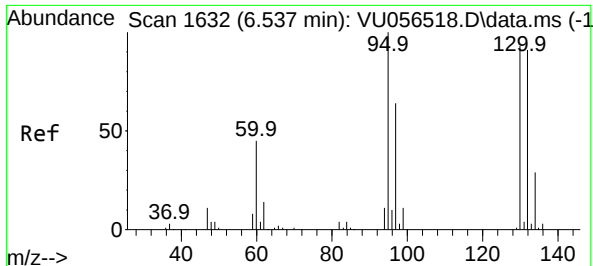
Delta R.T. 0.003 min

Lab File: VU056522.D

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Tgt Ion:	97	Resp:	9562
Ion	Ratio	Lower	Upper
97	100		
99	68.6	51.6	77.4
61	47.6	34.3	51.5





#34

Trichloroethene

Concen: 0.330 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU056522.D

Acq: 20 Nov 2023 13:12

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 9243

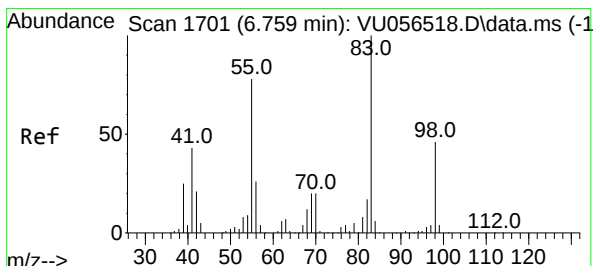
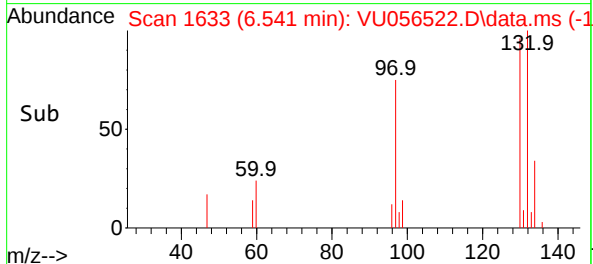
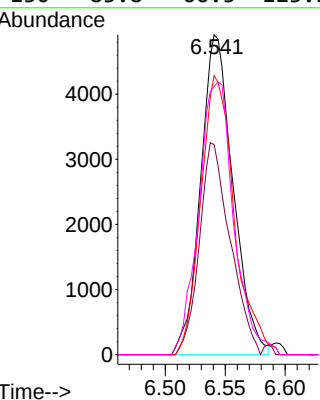
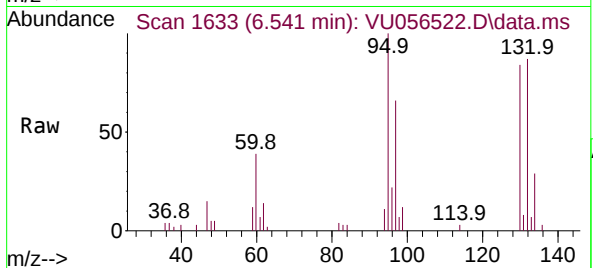
Ion Ratio Lower Upper

95 100

97 65.7 46.5 86.3

132 87.2 62.0 115.2

130 83.8 66.3 123.1



#35

Methylcyclohexane

Concen: 0.502 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU056522.D

Acq: 20 Nov 2023 13:12

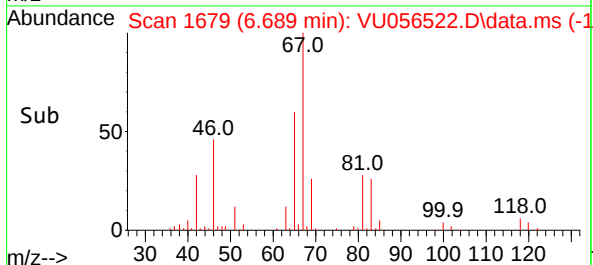
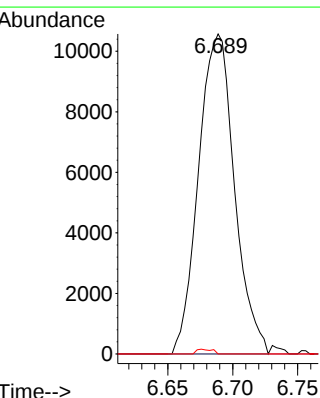
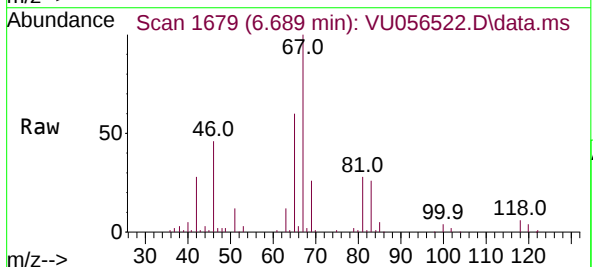
Tgt Ion: 83 Resp: 20318

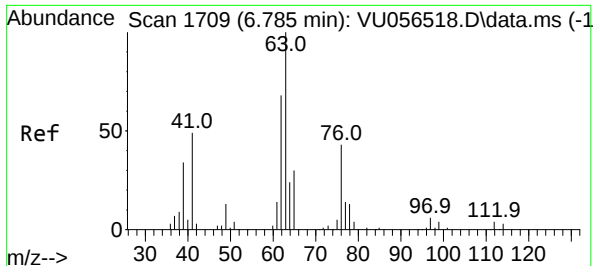
Ion Ratio Lower Upper

83 100

55 0.0 62.9 94.3#

98 0.7 35.3 52.9#





#37

1,2-Dichloropropane

Concen: 0.351 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU056522.D

Acq: 20 Nov 2023 13:12

Instrument :

MSVOA_U

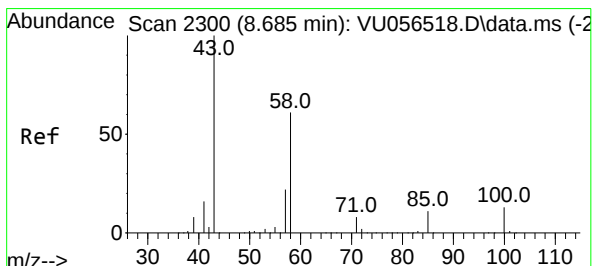
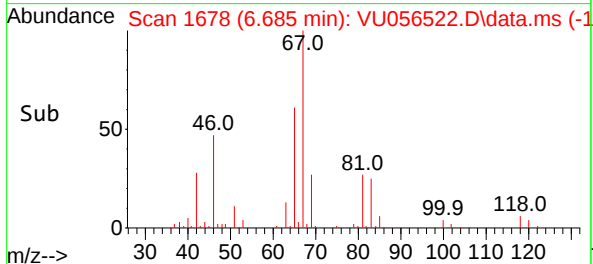
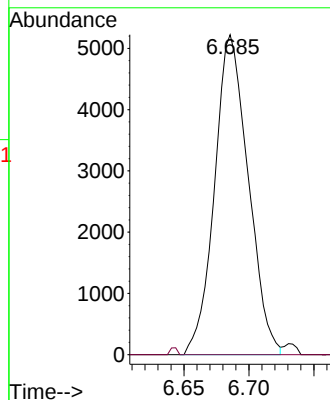
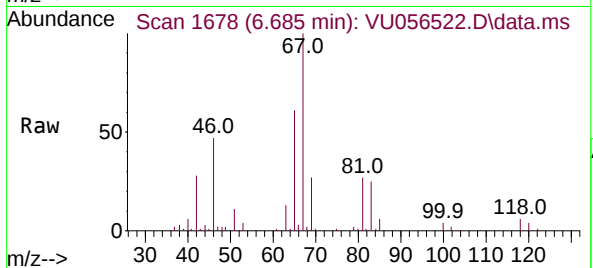
ClientSampleId :

Tgt Ion: 63 Resp: 9424

Ion Ratio Lower Upper

63 100

112 0.5 3.2 4.8#



#48

2-Hexanone

Concen: 0.616 ug/L

RT: 8.692 min Scan# 2302

Delta R.T. 0.007 min

Lab File: VU056522.D

Acq: 20 Nov 2023 13:12

Tgt Ion: 43 Resp: 6381

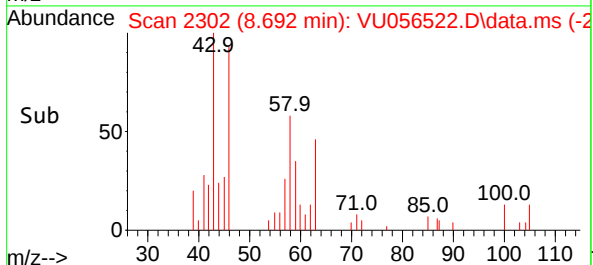
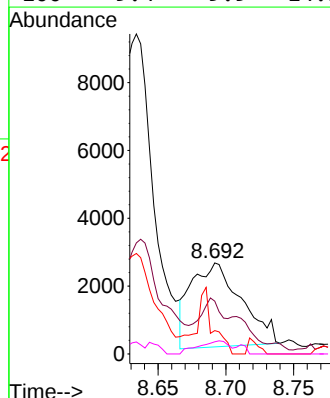
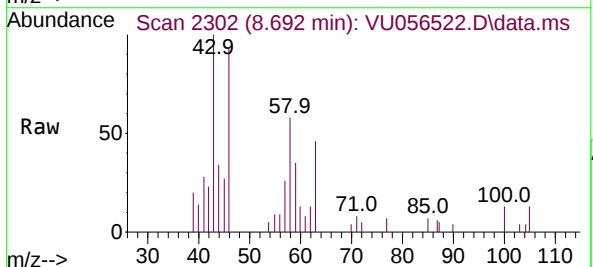
Ion Ratio Lower Upper

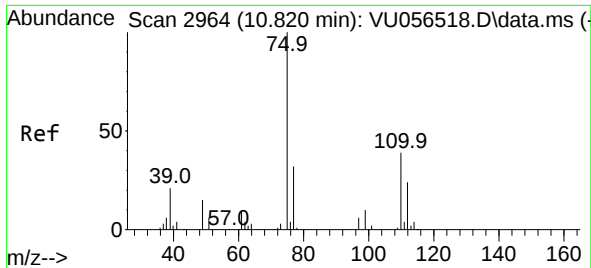
43 100

58 11.7 48.7 73.1#

57 26.5 16.8 25.2#

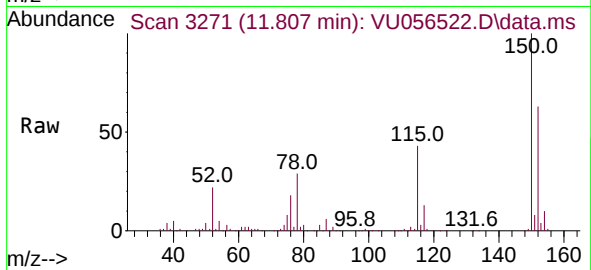
100 9.4 9.9 14.9#





#61
1,2,3-Trichloropropane
Concen: 1.426 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU056522.D
Acq: 20 Nov 2023 13:12

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 18883
Ion Ratio Lower Upper
75 100
110 3.0 30.4 45.6#
77 32.3 27.0 40.6

