

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111523\
 Data File : VU056389.D
 Acq On : 16 Nov 2023 05:47
 Operator : MD/SY
 Sample : 05411-16
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 16 06:17:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 16 05:41:06 2023
 Response via : Initial Calibration

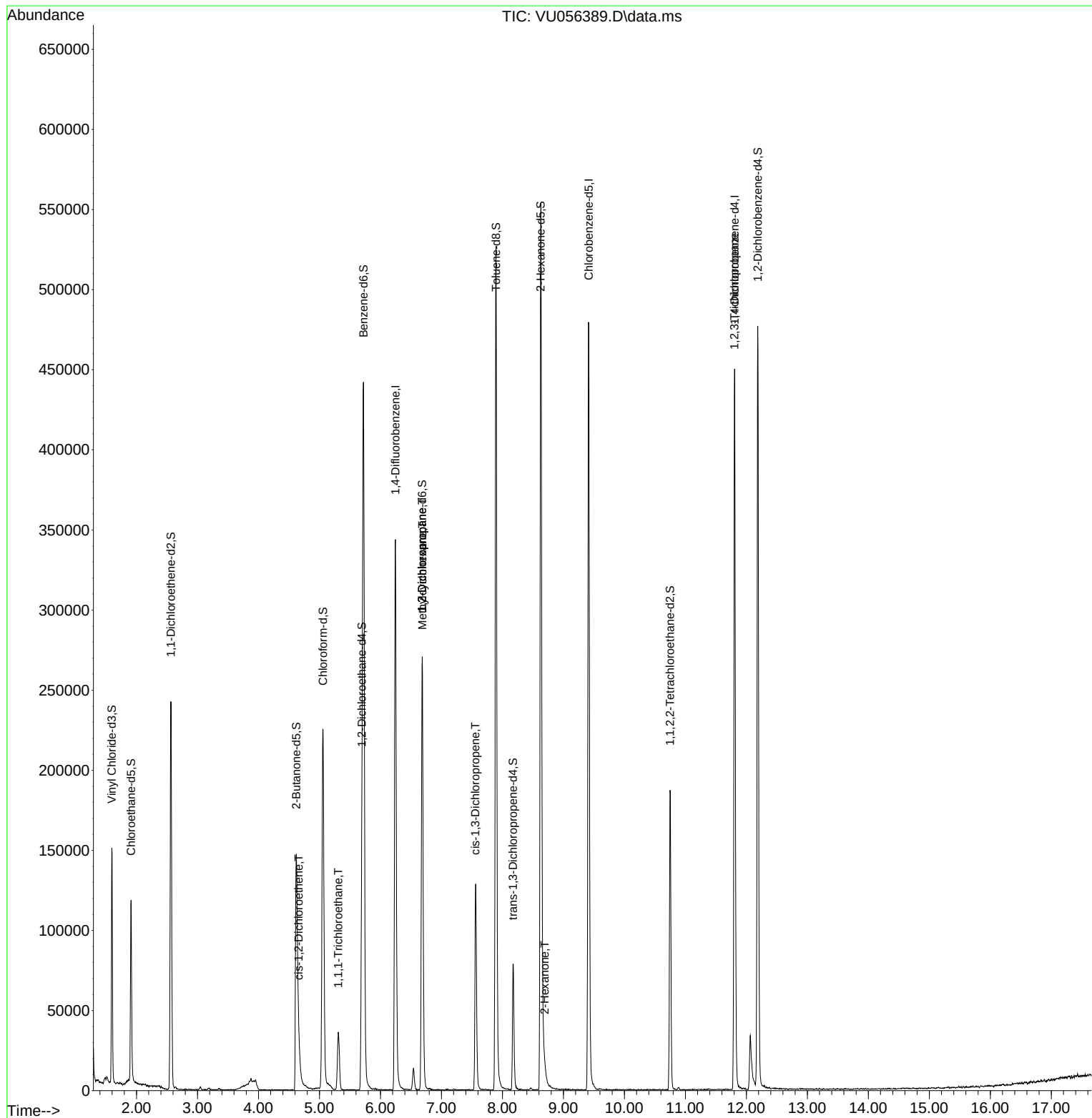
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	283220	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	277495	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	119813	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	105416	4.976	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.600%	
7) Chloroethane-d5	1.911	69	85262	5.249	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	105.000%	
11) 1,1-Dichloroethene-d2	2.563	65	47740	5.106	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	102.200%	
20) 2-Butanone-d5	4.621	46	243980	57.759	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	115.520%	
24) Chloroform-d	5.058	84	214891	5.244	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.800%	
26) 1,2-Dichloroethane-d4	5.695	65	108173	5.713	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	114.200%	
32) Benzene-d6	5.721	84	425780	5.150	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.000%	
36) 1,2-Dichloropropane-d6	6.685	67	132830	5.331	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.600%	
41) Toluene-d8	7.894	98	361154	4.947	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.000%	
43) trans-1,3-Dichloroprop...	8.174	79	47148	4.934	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	98.600%	
46) 2-Hexanone-d5	8.627	63	192285	51.201	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.400%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	95083	5.340	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	124037	5.604	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	112.000%	
Target Compounds						
22) cis-1,2-Dichloroethene	4.660	96	4629	0.229	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	27233	0.855	ug/L	99
35) Methylcyclohexane	6.689	83	31302	1.005	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	14469	0.701	ug/L #	90
39) cis-1,3-Dichloropropene	7.557	75	3342	0.110	ug/L #	61
48) 2-Hexanone	8.692	43	8614	1.080	ug/L #	88
61) 1,2,3-Trichloropropane	11.804	75	15977	1.554	ug/L #	66

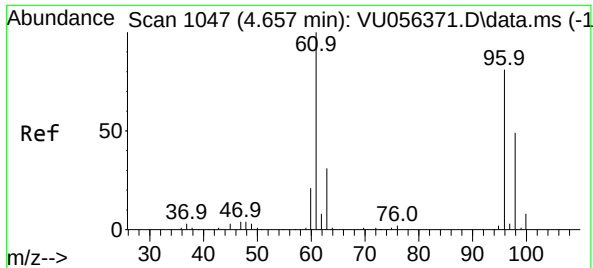
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.229 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU056389.D

Acq: 16 Nov 2023 05:47

Instrument :

MSVOA_U

ClientSampleId :

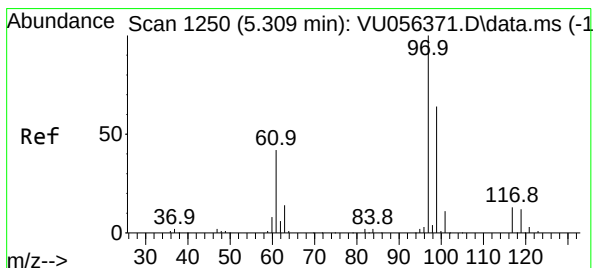
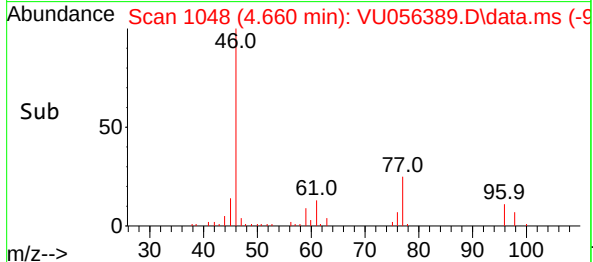
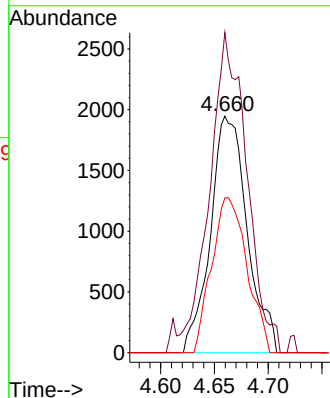
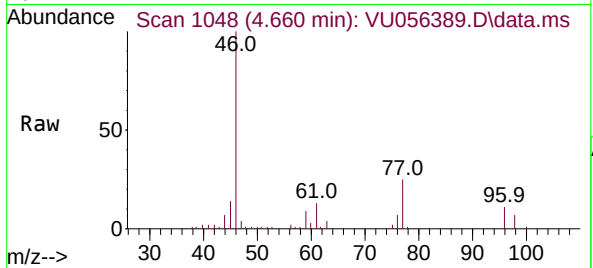
Tgt Ion: 96 Resp: 4629

Ion Ratio Lower Upper

96 100

61 135.3 93.2 173.2

98 65.4 44.8 83.2



#29

1,1,1-Trichloroethane

Concen: 0.855 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. -0.000 min

Lab File: VU056389.D

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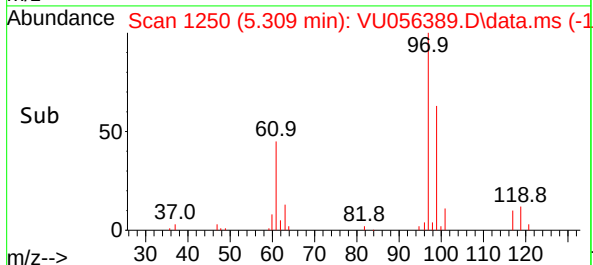
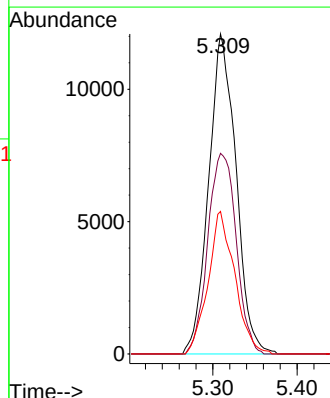
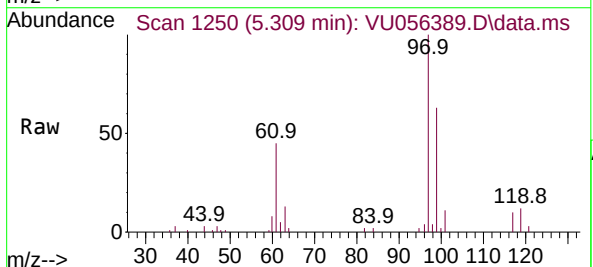
Tgt Ion: 97 Resp: 27233

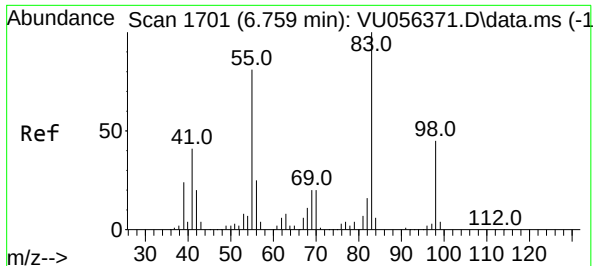
Ion Ratio Lower Upper

97 100

99 65.2 51.6 77.4

61 43.5 34.3 51.5

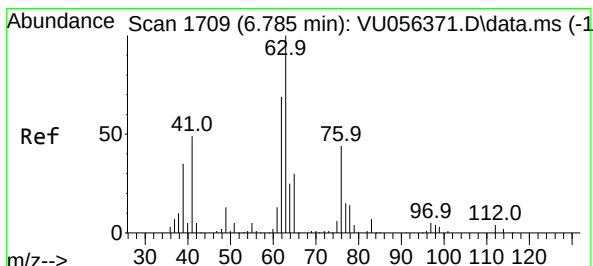
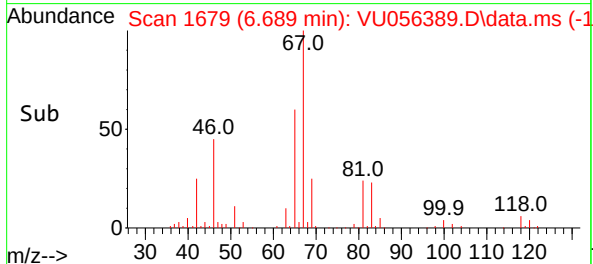
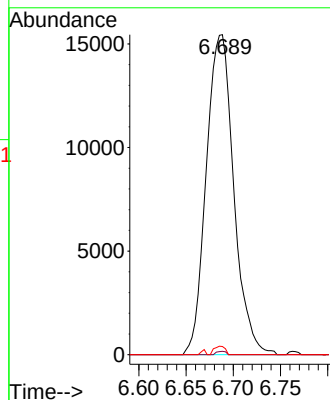
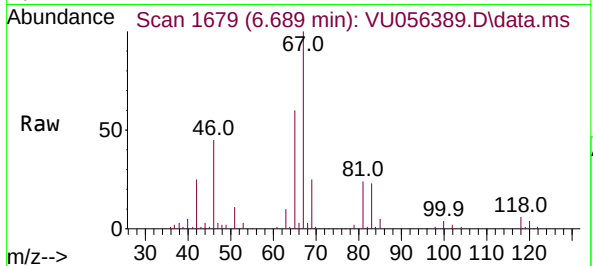




#35
Methylcyclohexane
Concen: 1.005 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU056389.D
Acq: 16 Nov 2023 05:47

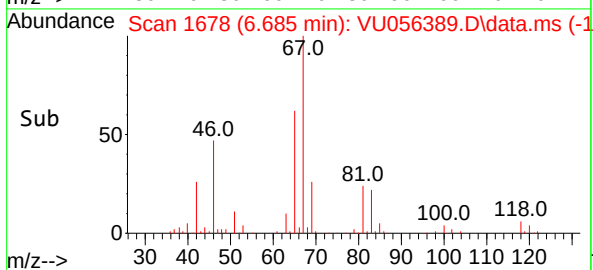
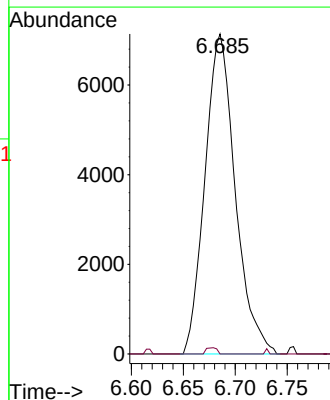
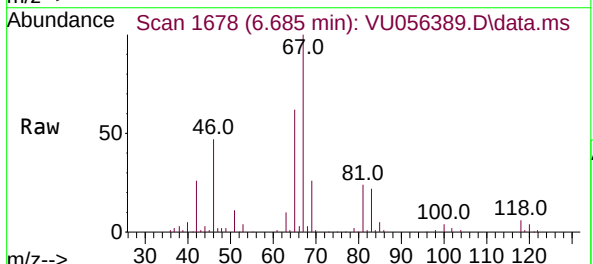
Instrument :
MSVOA_U
ClientSampleId :

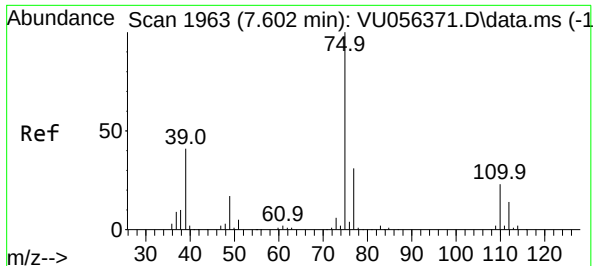
Tgt Ion: 83 Resp: 31302
Ion Ratio Lower Upper
83 100
55 0.4 62.9 94.3#
98 1.1 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.701 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU056389.D
Acq: 16 Nov 2023 05:47

Tgt Ion: 63 Resp: 14469
Ion Ratio Lower Upper
63 100
112 0.7 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.110 ug/L

RT: 7.557 min Scan# 1963

Delta R.T. -0.045 min

Lab File: VU056389.D

Acq: 16 Nov 2023 05:47

Instrument :

MSVOA_U

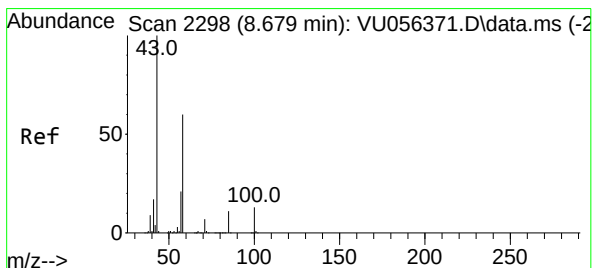
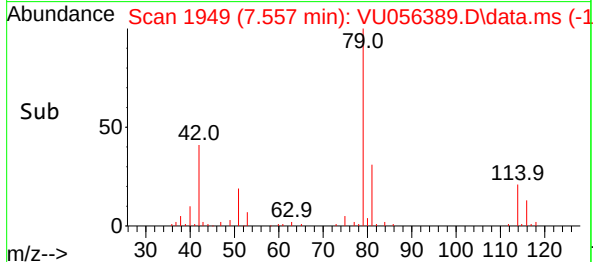
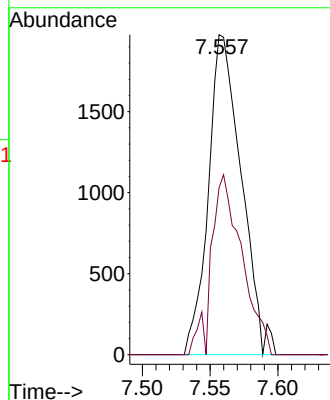
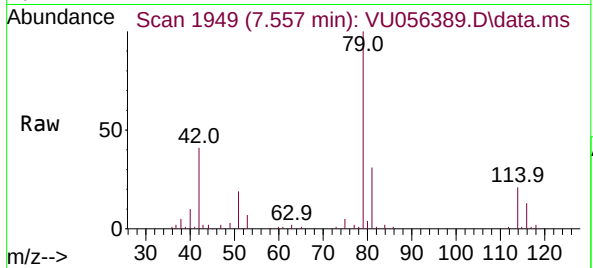
ClientSampleId :

Tgt Ion: 75 Resp: 3342

Ion Ratio Lower Upper

75 100

77 52.2 21.5 39.9#



#48

2-Hexanone

Concen: 1.080 ug/L

RT: 8.692 min Scan# 2302

Delta R.T. 0.013 min

Lab File: VU056389.D

Acq: 16 Nov 2023 05:47

Tgt Ion: 43 Resp: 8614

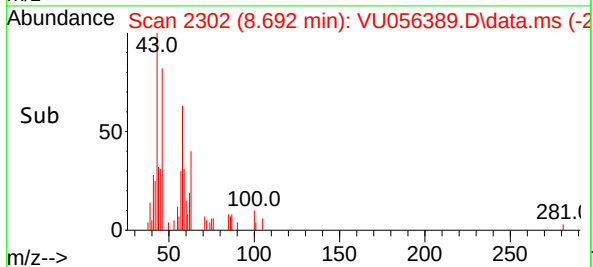
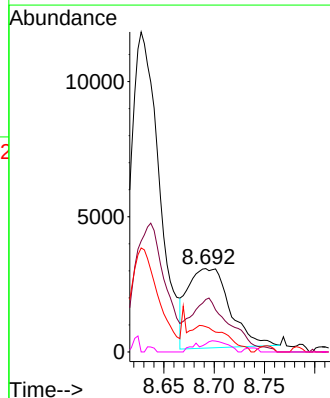
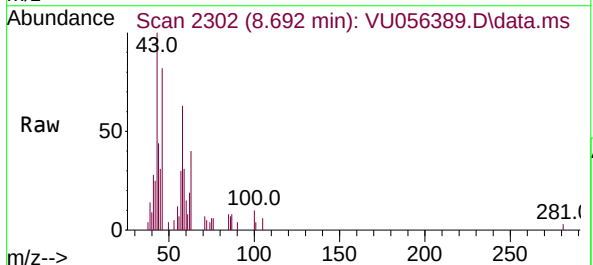
Ion Ratio Lower Upper

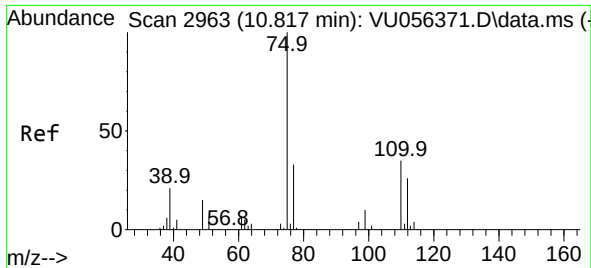
43 100

58 61.4 48.7 73.1

57 0.0 16.8 25.2#

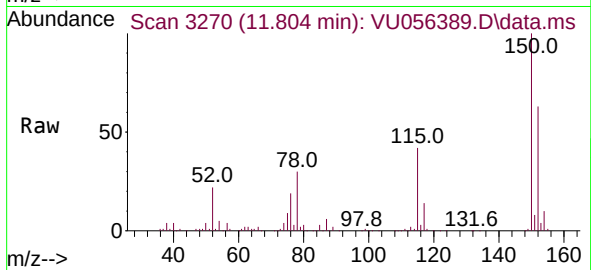
100 7.5 9.9 14.9#





#61
1,2,3-Trichloropropane
Concen: 1.554 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU056389.D
Acq: 16 Nov 2023 05:47

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	15977
Ion	Ratio	Lower	Upper
75	100		
110	1.7	30.4	45.6#
77	31.3	27.0	40.6

