

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111523\
 Data File : VU056391.D
 Acq On : 16 Nov 2023 06:35
 Operator : MD/SY
 Sample : 05411-18
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 16 06:56:17 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)

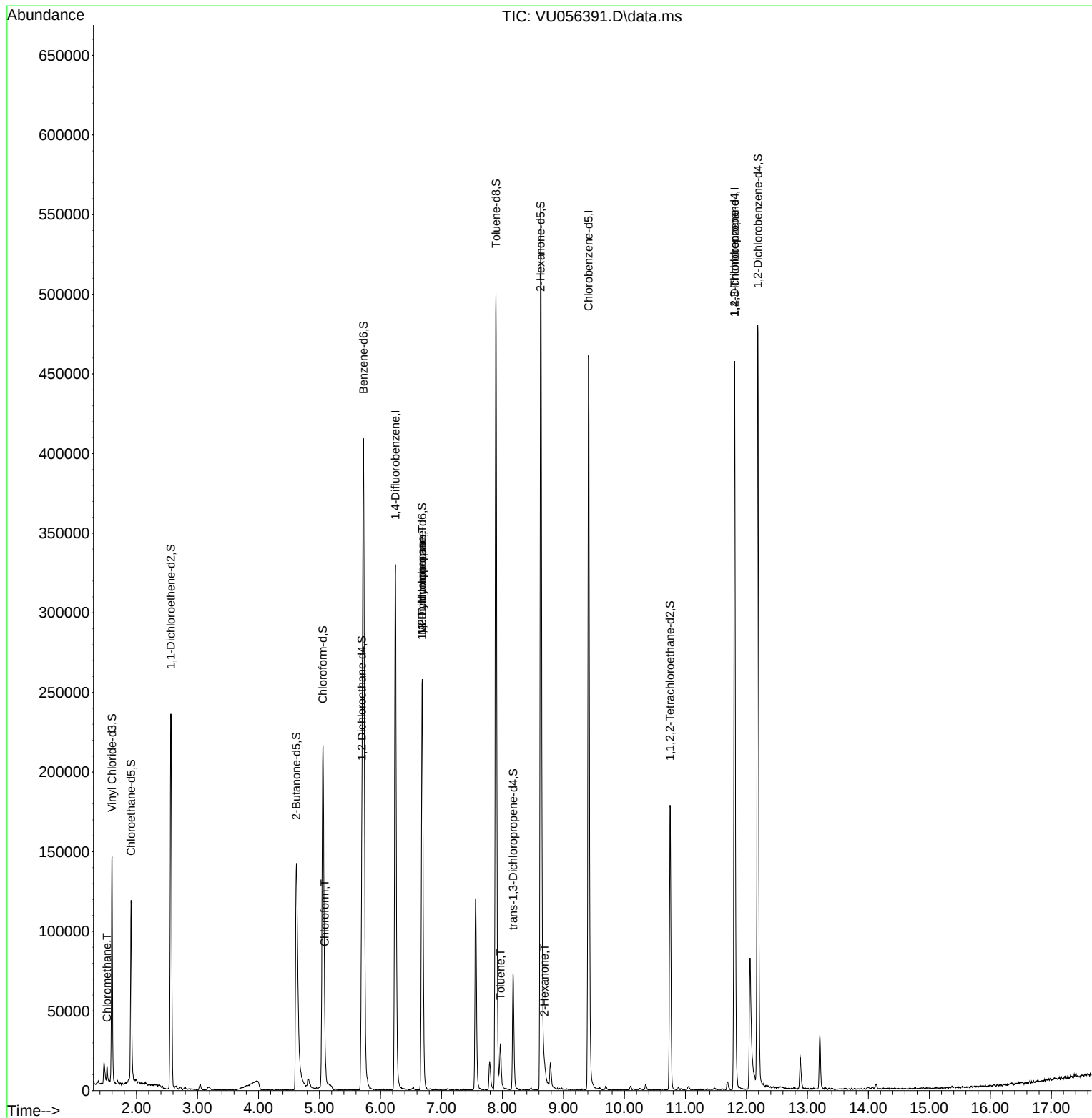
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	268596	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	266308	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	120600	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	103042	5.129	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 102.600%		
7) Chloroethane-d5	1.911	69	82254	5.340	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 106.800%		
11) 1,1-Dichloroethene-d2	2.563	65	45886	5.175	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 103.600%		
20) 2-Butanone-d5	4.621	46	237147	59.198	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 118.400%		
24) Chloroform-d	5.055	84	202631	5.215	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.200%		
26) 1,2-Dichloroethane-d4	5.695	65	103613	5.770	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 115.400%		
32) Benzene-d6	5.721	84	399497	5.035	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 100.800%		
36) 1,2-Dichloropropane-d6	6.685	67	126034	5.270	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 105.400%		
41) Toluene-d8	7.894	98	344685	4.920	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 98.400%		
43) trans-1,3-Dichloroprop...	8.177	79	44106	4.809	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 96.200%		
46) 2-Hexanone-d5	8.627	63	194855	54.064	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 108.120%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	90182	5.278	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 105.600%		
66) 1,2-Dichlorobenzene-d4	12.190	152	127383	5.718	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 114.400%		
Target Compounds						
3) Chloromethane	1.518	50	5890	0.271	ug/L	95
25) Chloroform	5.084	83	14730	0.406	ug/L	99
35) Methylcyclohexane	6.685	83	29576	0.990	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	13818	0.697	ug/L #	89
42) Toluene	7.968	91	19528	0.248	ug/L	98
48) 2-Hexanone	8.688	43	5882	0.769	ug/L #	52
61) 1,2,3-Trichloropropane	11.807	75	15070	1.456	ug/L #	69

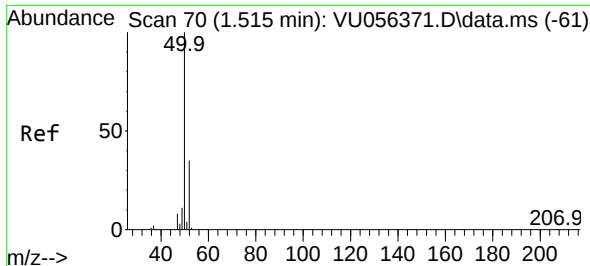
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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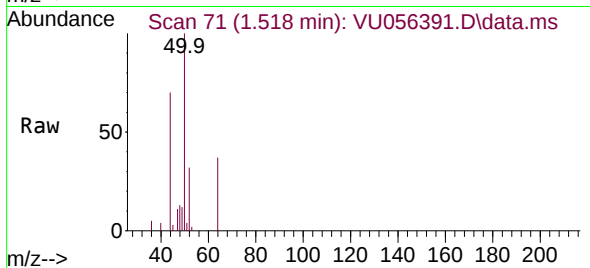
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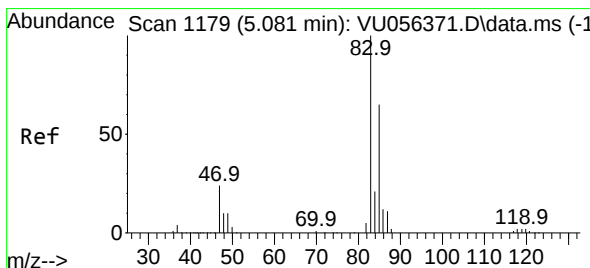
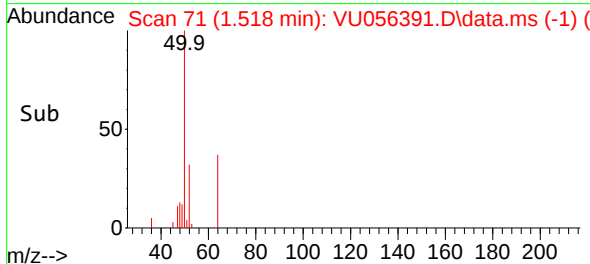
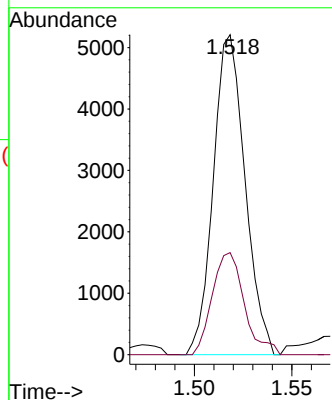


#3
Chloromethane
Concen: 0.271 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU056391.D
Acq: 16 Nov 2023 06:35

Instrument :
MSVOA_U
ClientSampleId :

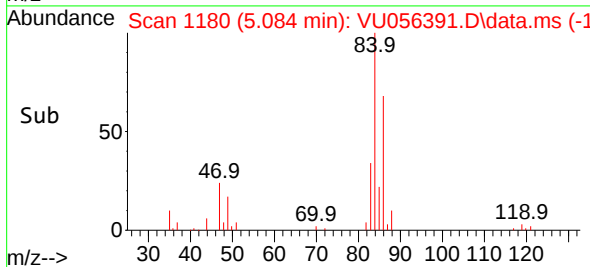
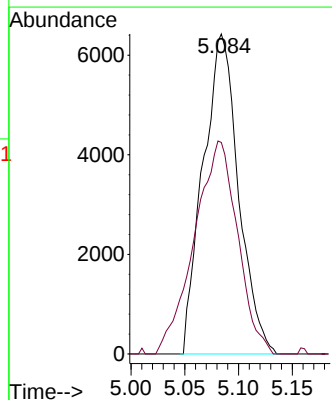
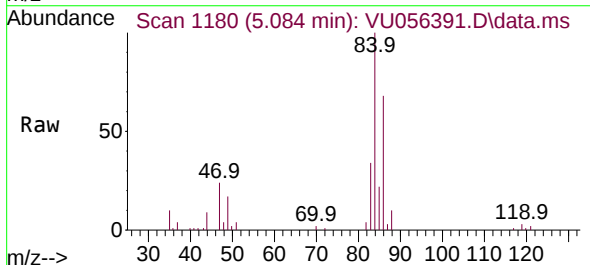


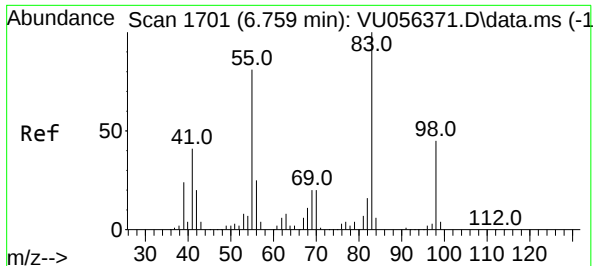
Tgt Ion: 50 Resp: 5890
Ion Ratio Lower Upper
50 100
52 31.9 24.3 45.1



#25
Chloroform
Concen: 0.406 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. 0.003 min
Lab File: VU056391.D
Acq: 16 Nov 2023 06:35

Tgt Ion: 83 Resp: 14730
Ion Ratio Lower Upper
83 100
85 66.1 47.0 87.2





#35

Methylcyclohexane

Concen: 0.990 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU056391.D

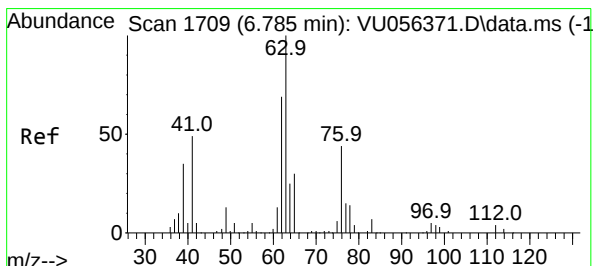
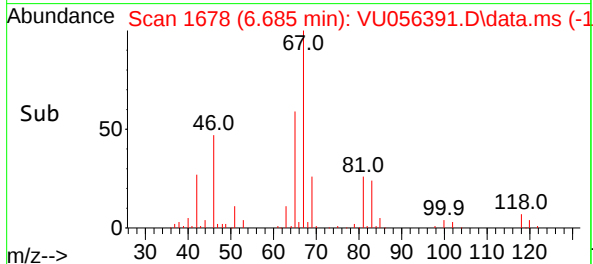
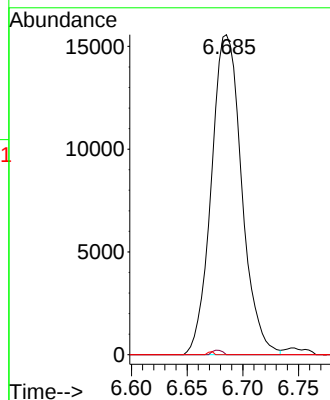
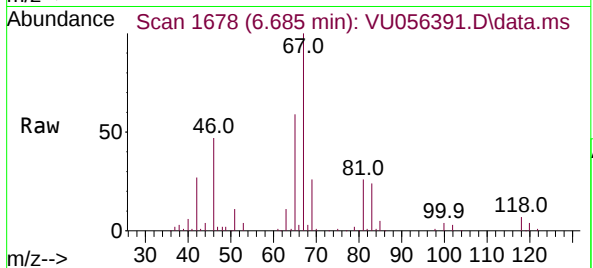
Acq: 16 Nov 2023 06:35

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 29576
Ion Ratio	Lower Upper
83 100	
55 0.5	62.9 94.3#
98 0.2	35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.697 ug/L

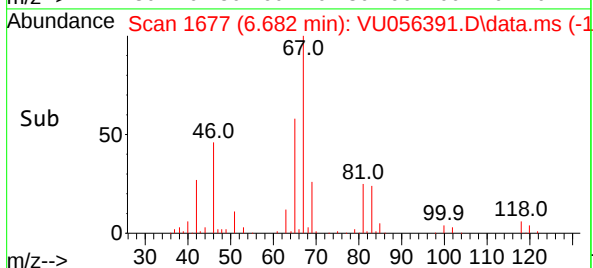
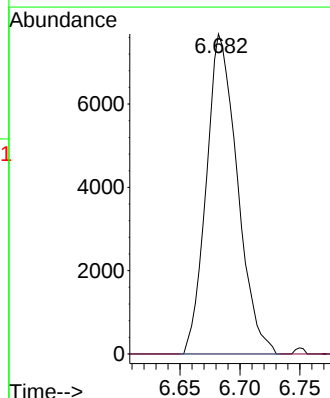
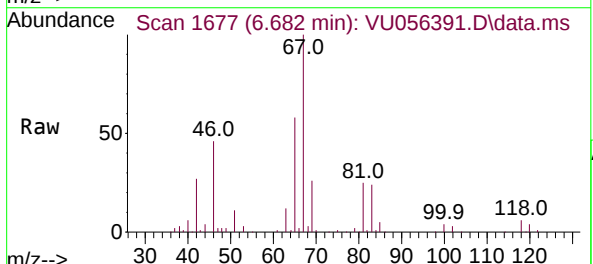
RT: 6.682 min Scan# 1677

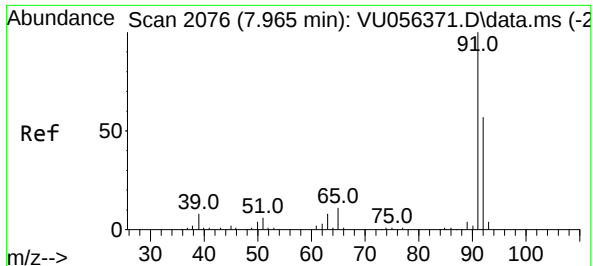
Delta R.T. -0.103 min

Lab File: VU056391.D

Acq: 16 Nov 2023 06:35

Tgt Ion: 63	Resp: 13818
Ion Ratio	Lower Upper
63 100	
112 0.3	3.2 4.8#





#42

Toluene

Concen: 0.248 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU056391.D

Acq: 16 Nov 2023 06:35

Instrument :

MSVOA_U

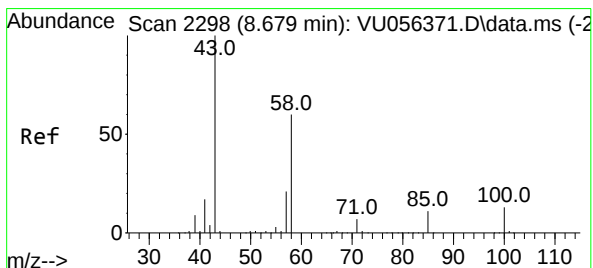
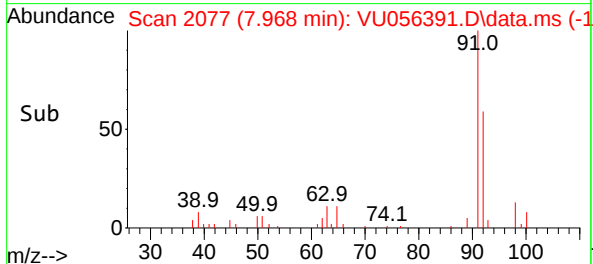
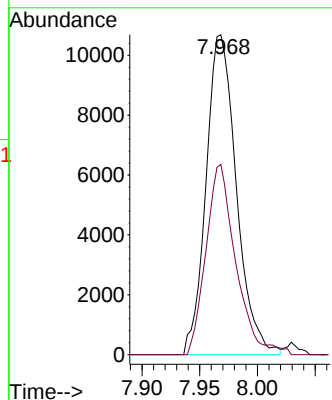
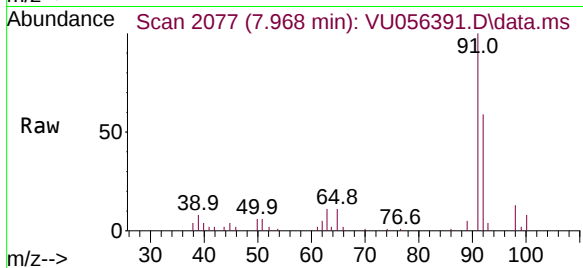
ClientSampleId :

Tgt Ion: 91 Resp: 19528

Ion Ratio Lower Upper

91 100

92 59.4 40.6 75.4



#48

2-Hexanone

Concen: 0.769 ug/L

RT: 8.688 min Scan# 2301

Delta R.T. 0.009 min

Lab File: VU056391.D

Acq: 16 Nov 2023 06:35

Tgt Ion: 43 Resp: 5882

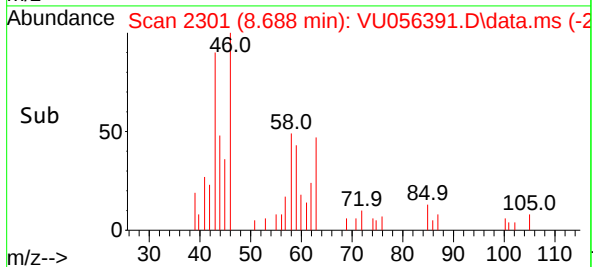
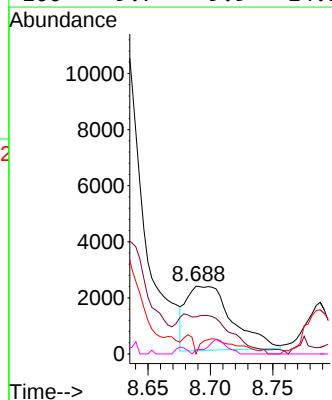
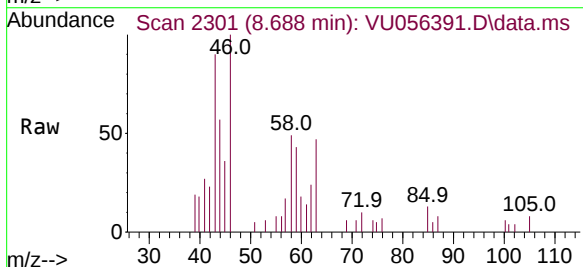
Ion Ratio Lower Upper

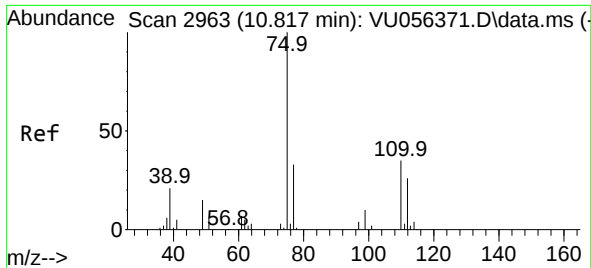
43 100

58 7.0 48.7 73.1#

57 18.5 16.8 25.2

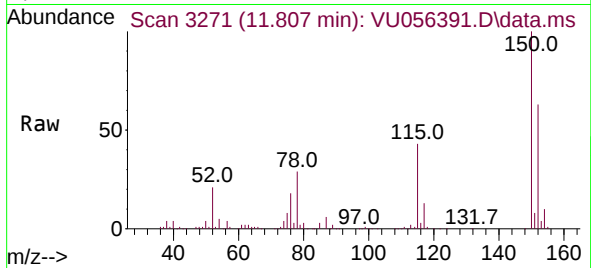
100 9.7 9.9 14.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.456 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU056391.D
 Acq: 16 Nov 2023 06:35

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 15070
 Ion Ratio Lower Upper
 75 100
 110 3.3 30.4 45.6#
 77 34.9 27.0 40.6

