

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110223\
 Data File : VU056062.D
 Acq On : 02 Nov 2023 13:45
 Operator : MD/SY
 Sample : 05174-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 03 00:39:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 03 00:21:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

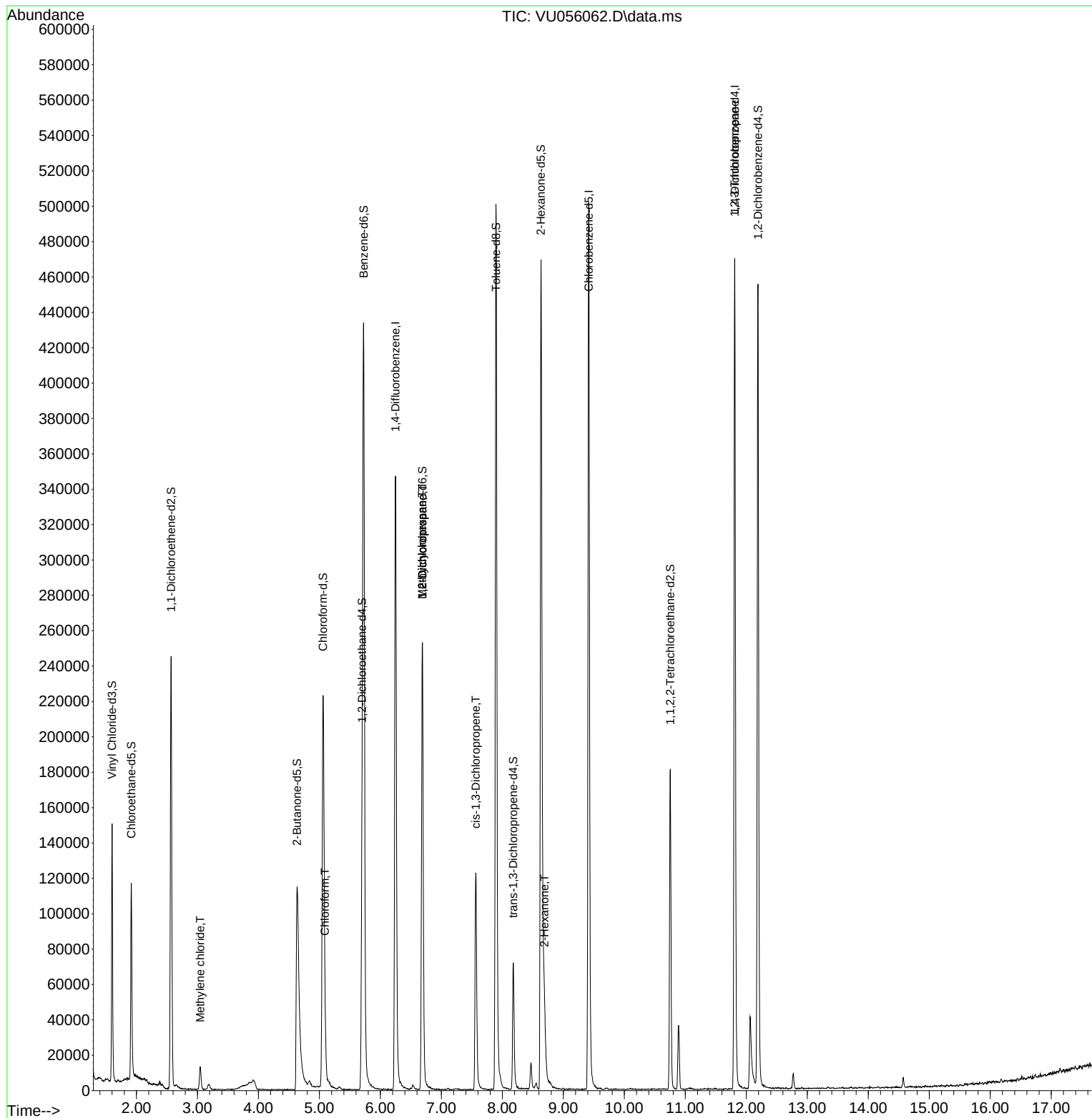
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	303550	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	305918	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	135517	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	107912	4.494	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.800%	
7) Chloroethane-d5	1.914	69	85860	4.587	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.800%	
11) 1,1-Dichloroethene-d2	2.567	65	46795	4.590	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.800%	
20) 2-Butanone-d5	4.631	46	229317	53.532	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.060%	
24) Chloroform-d	5.059	84	215054	4.833	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.600%	
26) 1,2-Dichloroethane-d4	5.698	65	100086	4.617	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.400%	
32) Benzene-d6	5.724	84	430628	4.726	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.600%	
36) 1,2-Dichloropropane-d6	6.689	67	130310	4.824	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.400%	
41) Toluene-d8	7.894	98	367299	4.443	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.800%	
43) trans-1,3-Dichloroprop...	8.177	79	46672	4.417	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.400%	
46) 2-Hexanone-d5	8.631	63	169351	63.143	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	126.280%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	92451	4.699	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	126834	5.016	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.400%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.043	84	6813	0.409	ug/L	91
25) Chloroform	5.091	83	30457	0.959	ug/L	98
35) Methylcyclohexane	6.685	83	31783	1.247	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	13403	0.748	ug/L #	89
39) cis-1,3-Dichloropropene	7.563	75	3093	0.121	ug/L #	62
48) 2-Hexanone	8.689	43	21824	3.212	ug/L #	88
61) 1,2,3-Trichloropropane	11.807	75	15190	1.633	ug/L #	67

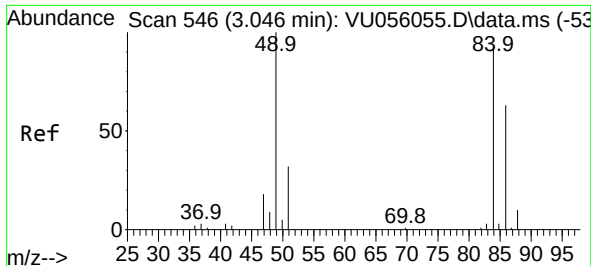
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 03 00:39:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 03 00:21:27 2023
Response via : Initial Calibration

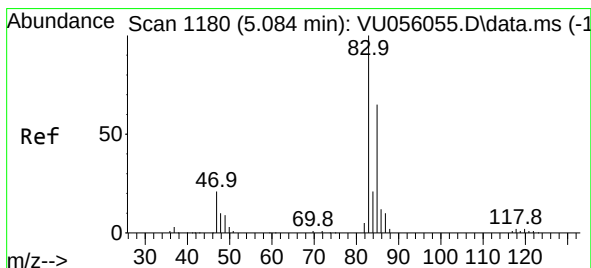
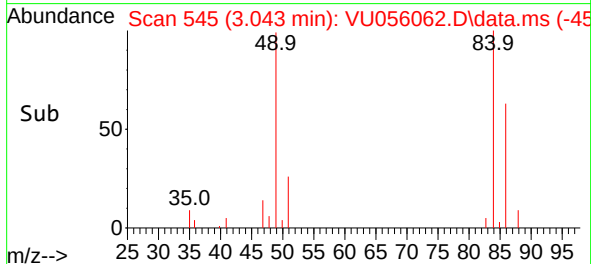
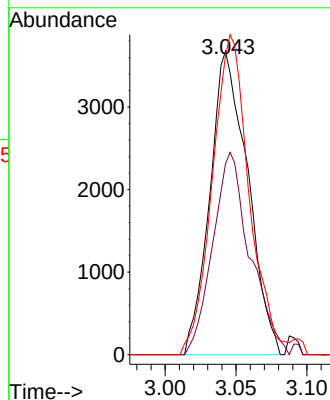
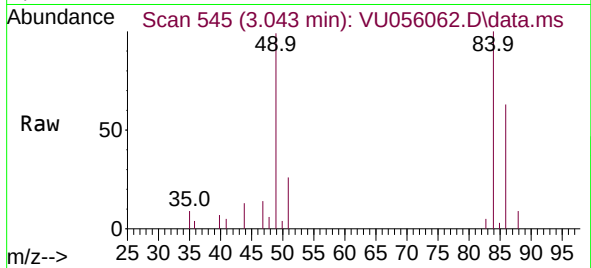




#16
Methylene chloride
Concen: 0.409 ug/L
RT: 3.043 min Scan# 546
Delta R.T. -0.003 min
Lab File: VU056062.D
Acq: 02 Nov 2023 13:45

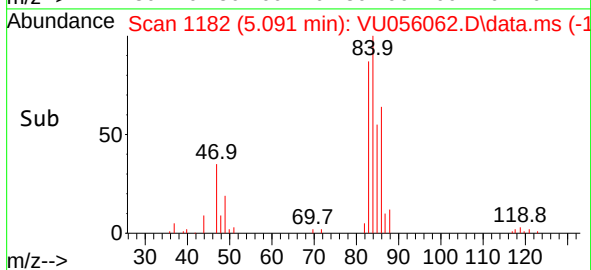
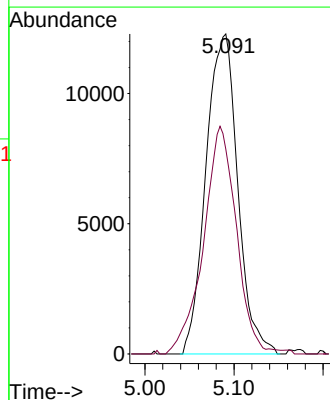
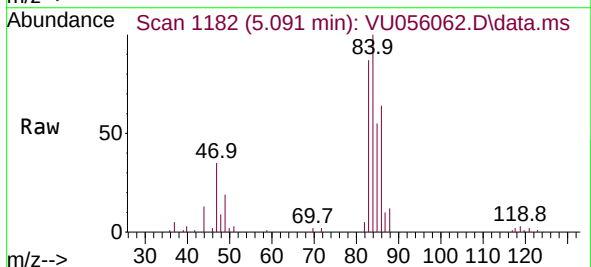
Instrument :
MSVOA_U
ClientSampleId :

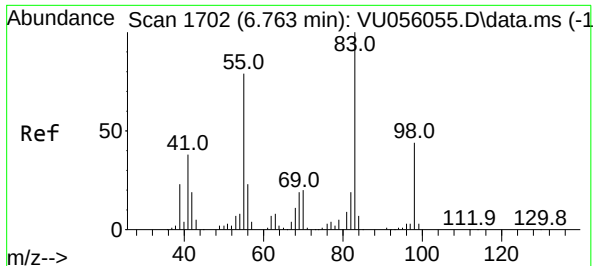
Tgt Ion: 84 Resp: 6813
Ion Ratio Lower Upper
84 100
86 62.8 45.2 84.0
49 98.6 78.8 146.3



#25
Chloroform
Concen: 0.959 ug/L
RT: 5.091 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VU056062.D
Acq: 02 Nov 2023 13:45

Tgt Ion: 83 Resp: 30457
Ion Ratio Lower Upper
83 100
85 64.0 45.6 84.8

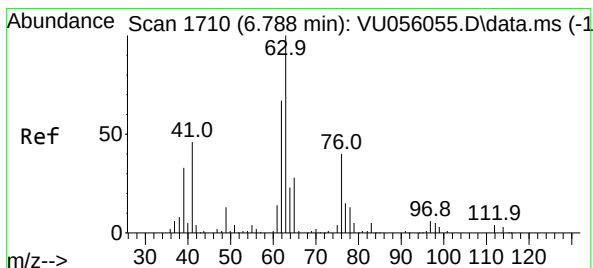
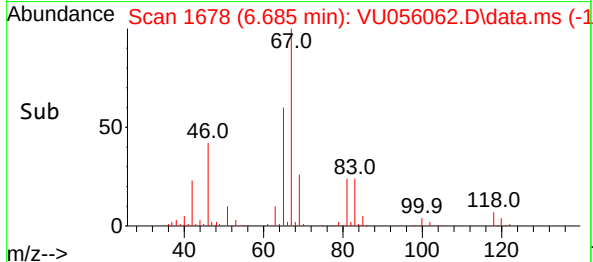
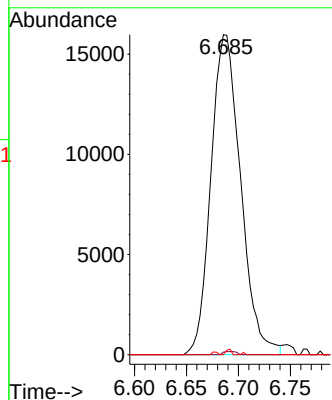
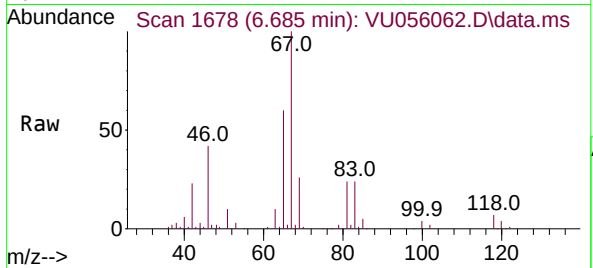




#35
Methylcyclohexane
Concen: 1.247 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.077 min
Lab File: VU056062.D
Acq: 02 Nov 2023 13:45

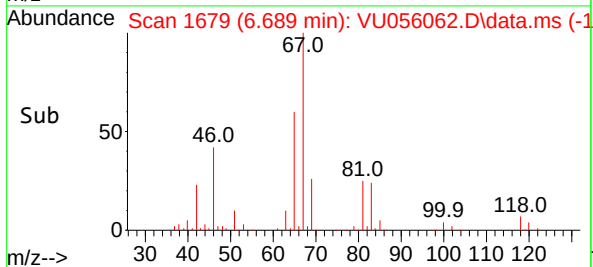
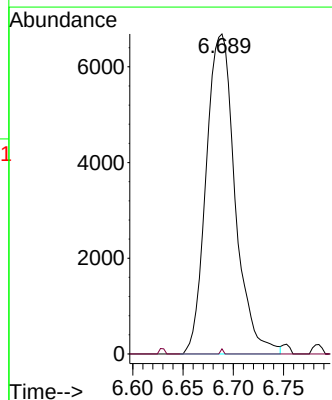
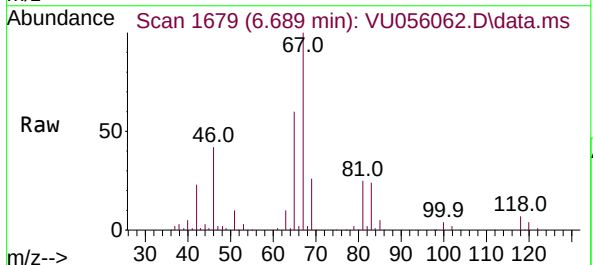
Instrument :
MSVOA_U
ClientSampleId :

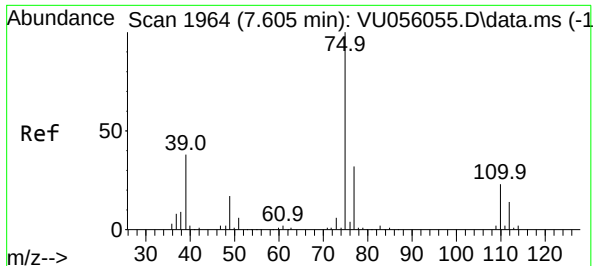
Tgt Ion: 83 Resp: 31783
Ion Ratio Lower Upper
83 100
55 0.4 62.4 93.6#
98 0.3 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 0.748 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU056062.D
Acq: 02 Nov 2023 13:45

Tgt Ion: 63 Resp: 13403
Ion Ratio Lower Upper
63 100
112 0.2 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.121 ug/L

RT: 7.563 min Scan# 1964

Delta R.T. -0.042 min

Lab File: VU056062.D

Acq: 02 Nov 2023 13:45

Instrument :

MSVOA_U

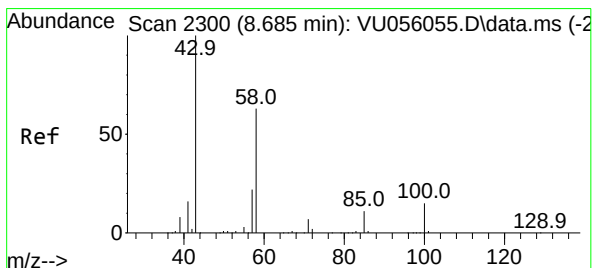
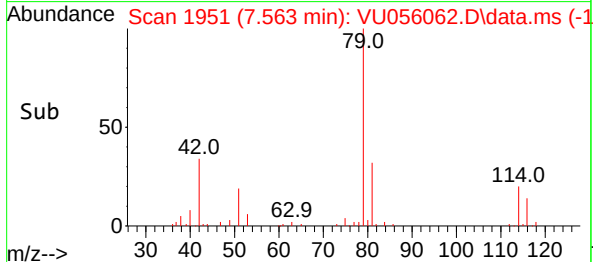
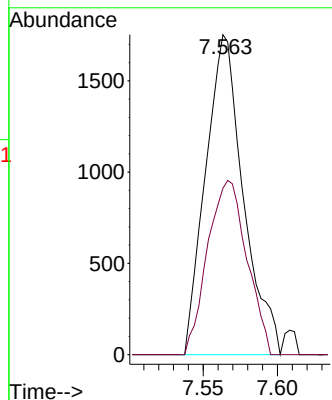
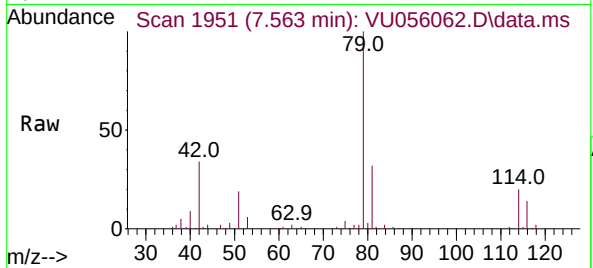
ClientSampleId :

Tgt Ion: 75 Resp: 3093

Ion Ratio Lower Upper

75 100

77 52.0 21.7 40.3#



#48

2-Hexanone

Concen: 3.212 ug/L

RT: 8.689 min Scan# 2301

Delta R.T. 0.003 min

Lab File: VU056062.D

Acq: 02 Nov 2023 13:45

Tgt Ion: 43 Resp: 21824

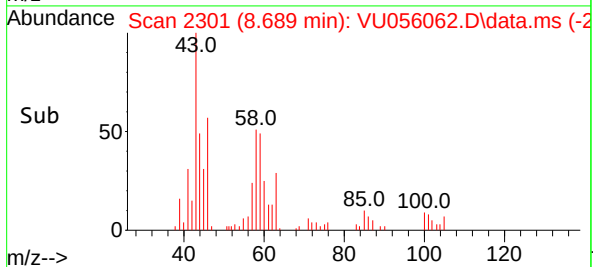
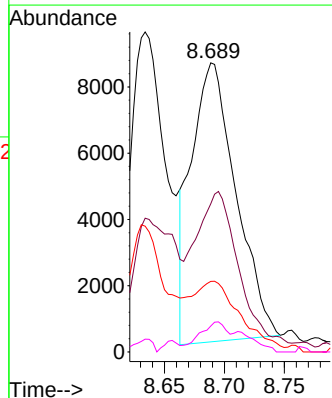
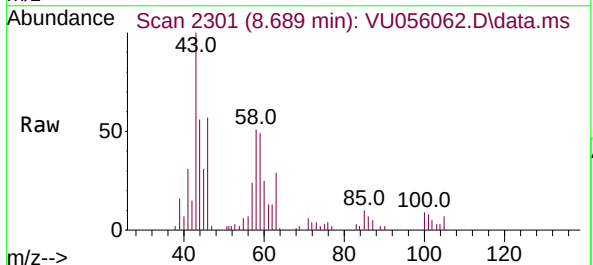
Ion Ratio Lower Upper

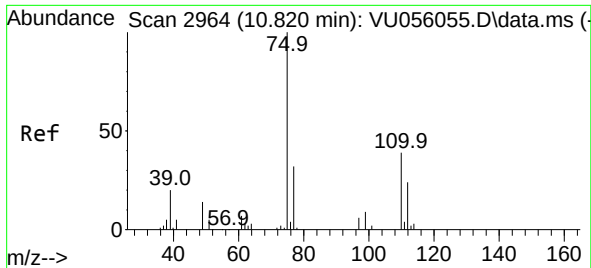
43 100

58 53.2 49.5 74.3

57 24.6 16.9 25.3

100 4.4 9.7 14.5#





#61

1,2,3-Trichloropropane

Concen: 1.633 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.987 min

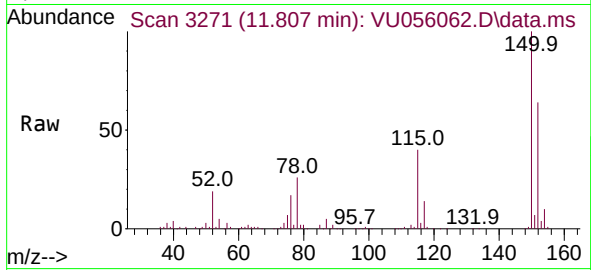
Lab File: VU056062.D

Acq: 02 Nov 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	75	Resp:	15190
Ion	Ratio	Lower	Upper
75	100		
110	2.0	29.0	43.6#
77	32.9	24.5	36.7

