

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110123\
 Data File : VU056050.D
 Acq On : 01 Nov 2023 19:31
 Operator : MD/SY
 Sample : 05052-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 02 02:12:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 02 02:08:05 2023
 Response via : Initial Calibration

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

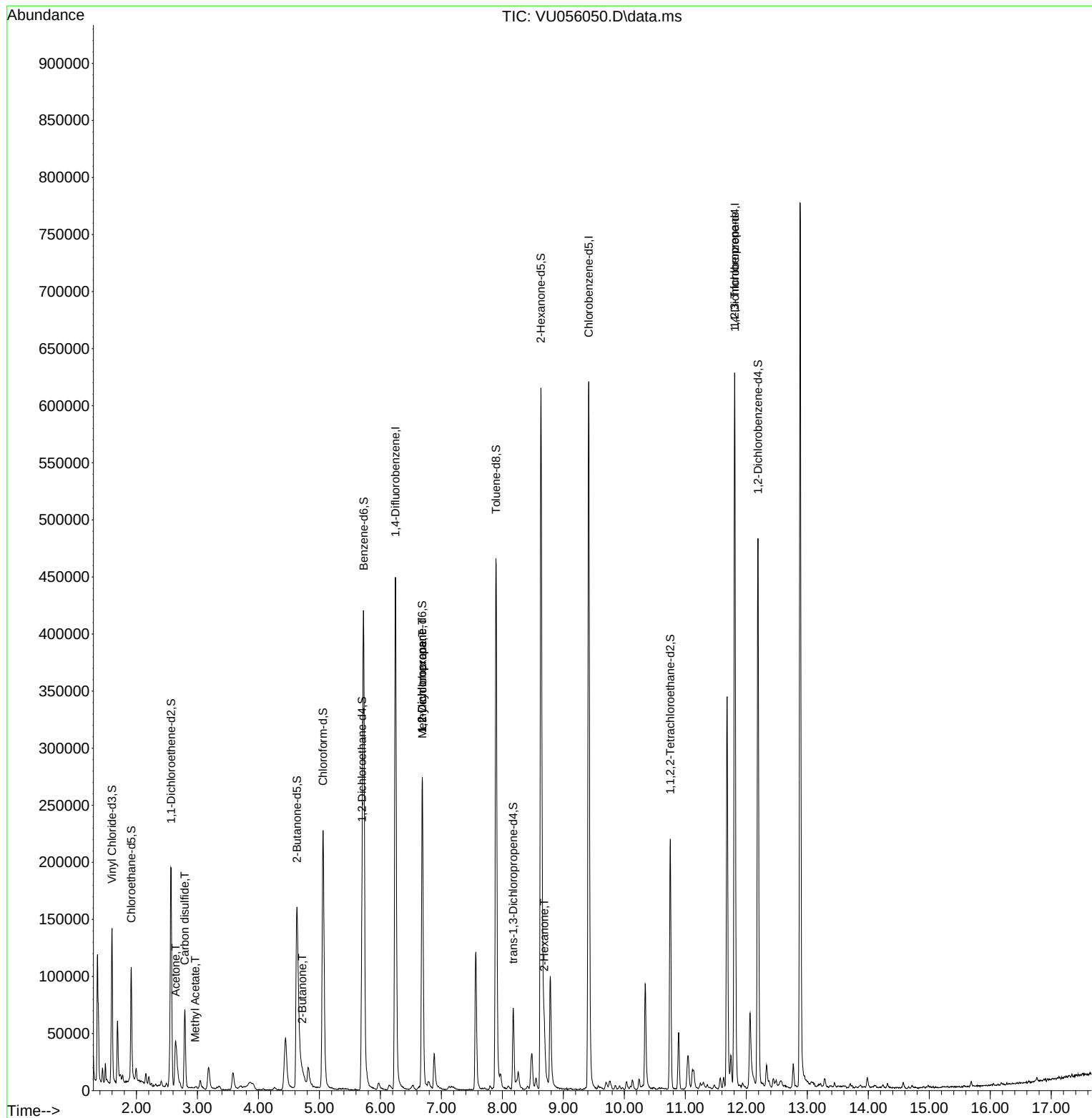
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	391476	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	375554	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	175745	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	76882	2.483	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	49.600%	
7) Chloroethane-d5	1.914	69	76473	3.168	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	63.400%#	
11) 1,1-Dichloroethene-d2	2.567	65	37800	2.875	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	57.600%#	
20) 2-Butanone-d5	4.631	46	277228	50.181	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.360%	
24) Chloroform-d	5.058	84	217278	3.786	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	75.800%	
26) 1,2-Dichloroethane-d4	5.698	65	107316	3.839	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.800%	
32) Benzene-d6	5.724	84	414788	3.708	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	74.200%	
36) 1,2-Dichloropropane-d6	6.685	67	139532	4.207	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.200%	
41) Toluene-d8	7.894	98	336841	3.319	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	66.400%#	
43) trans-1,3-Dichloroprop...	8.177	79	44984	3.468	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	69.400%	
46) 2-Hexanone-d5	8.631	63	216169	65.655	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	131.300%#	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	114054	4.723	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	132167	4.031	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	80.600%	
Target Compounds						Qvalue
13) Acetone	2.641	43	80186	25.470	ug/L	97
14) Carbon disulfide	2.792	76	94399	1.943	ug/L	100
15) Methyl Acetate	2.962	43	1019	0.159	ug/L #	58
21) 2-Butanone	4.718	43	14686	3.173	ug/L	86
35) Methylcyclohexane	6.689	83	32151	1.028	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	14520	0.660	ug/L #	89
48) 2-Hexanone	8.685	43	24491	2.936	ug/L #	87
61) 1,2,3-Trichloropropane	11.807	75	21035	1.743	ug/L #	68

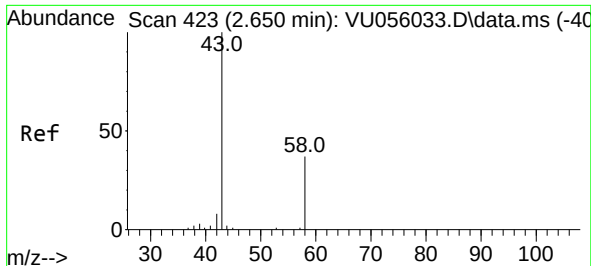
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 25.470 ug/L

RT: 2.641 min Scan# 41

Delta R.T. -0.010 min

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Acq: 01 Nov 2023 19:31

Instrument :

MSVOA_U

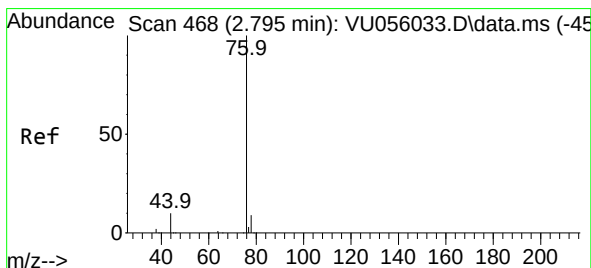
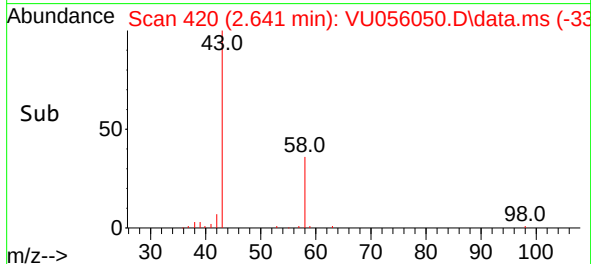
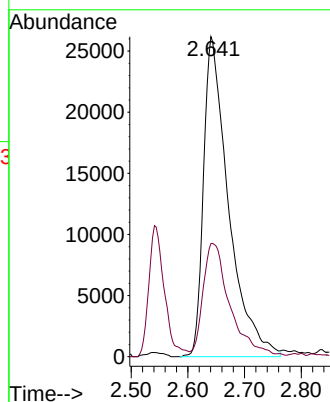
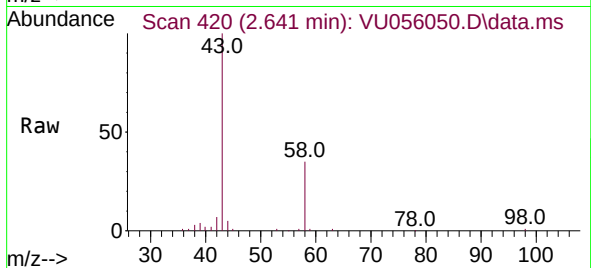
ClientSampleId :

Tgt Ion: 43 Resp: 80186

Ion Ratio Lower Upper

43 100

58 36.4 0.0 69.0



#14

Carbon disulfide

Concen: 1.943 ug/L

RT: 2.792 min Scan# 467

Delta R.T. -0.003 min

Lab File: VU056050.D

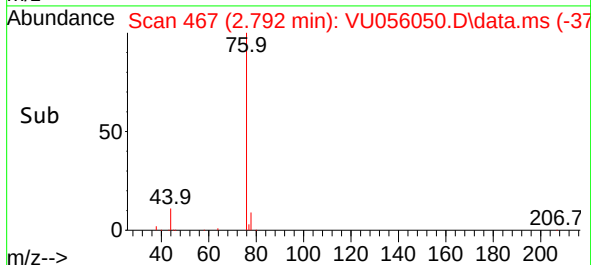
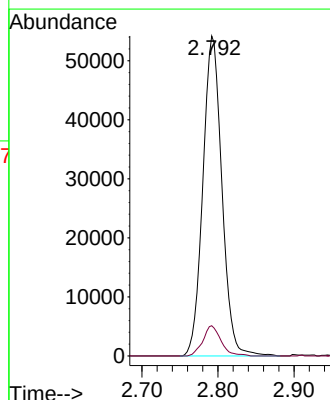
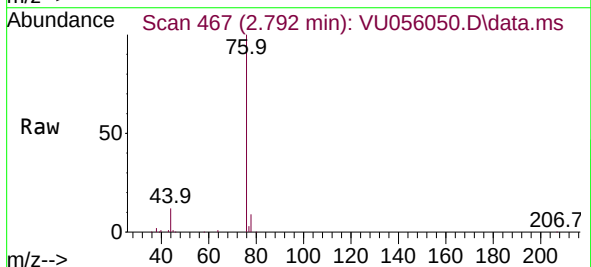
Acq: 01 Nov 2023 19:31

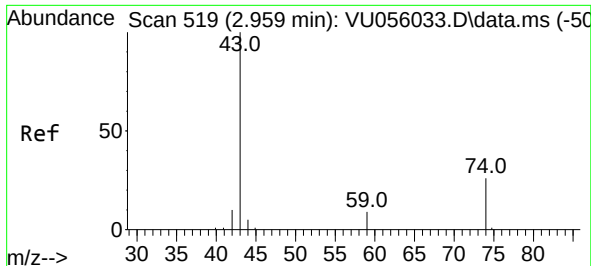
Tgt Ion: 76 Resp: 94399

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

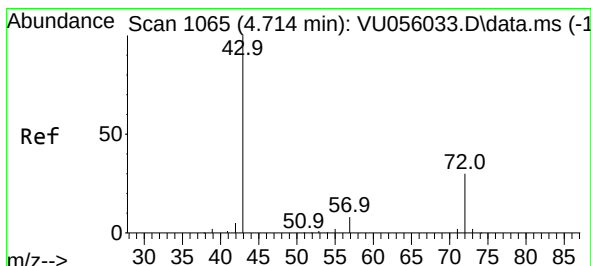
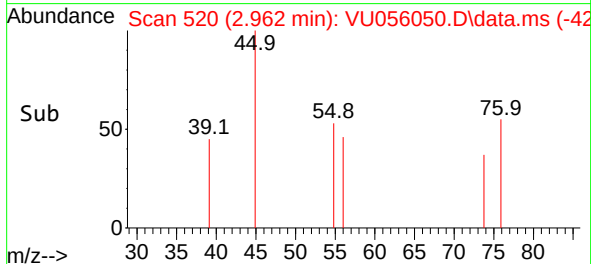
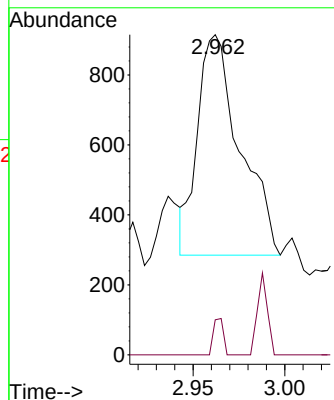
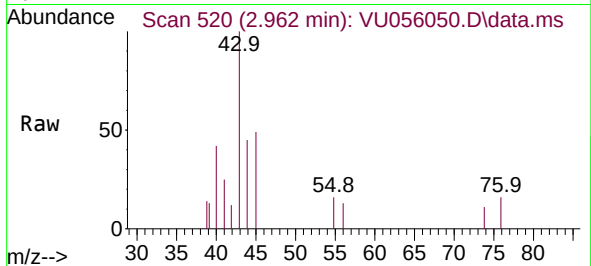




#15
Methyl Acetate
Concen: 0.159 ug/L
RT: 2.962 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU056050.D
Acq: 01 Nov 2023 19:31

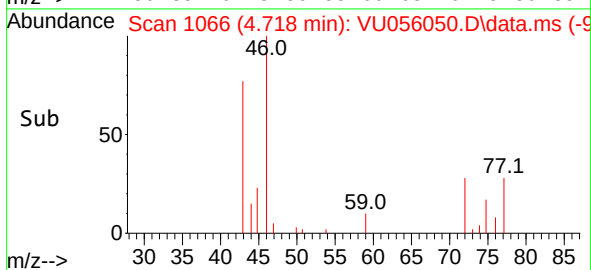
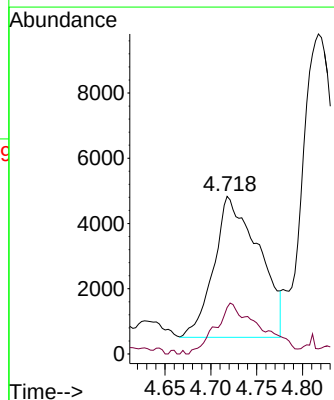
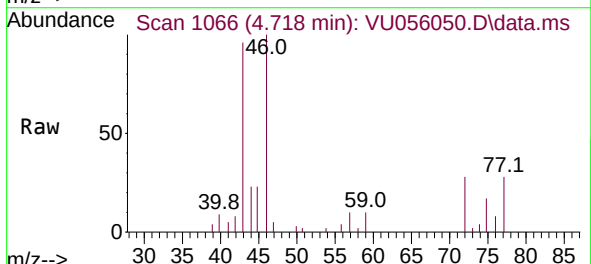
Instrument :
MSVOA_U
ClientSampleId :

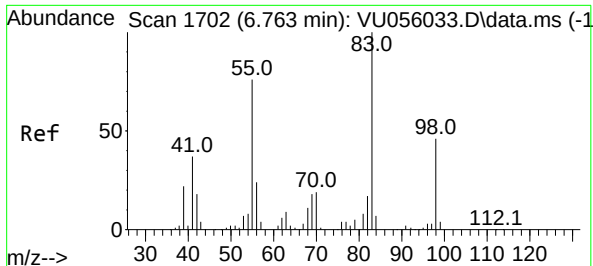
Tgt Ion: 43 Resp: 1019
Ion Ratio Lower Upper
43 100
74 3.8 19.9 29.9#



#21
2-Butanone
Concen: 3.173 ug/L
RT: 4.718 min Scan# 1066
Delta R.T. 0.003 min
Lab File: VU056050.D
Acq: 01 Nov 2023 19:31

Tgt Ion: 43 Resp: 14686
Ion Ratio Lower Upper
43 100
72 36.2 14.4 43.4





#35

Methylcyclohexane

Concen: 1.028 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU056050.D

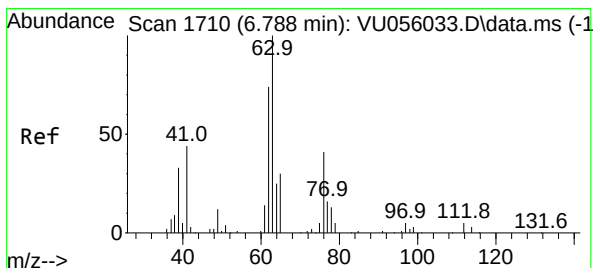
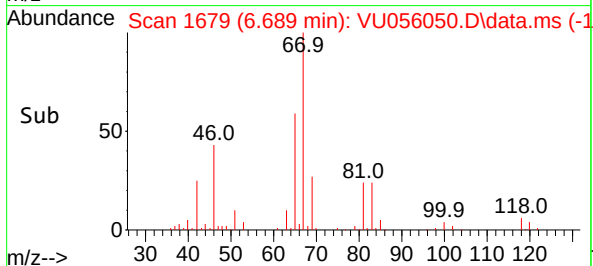
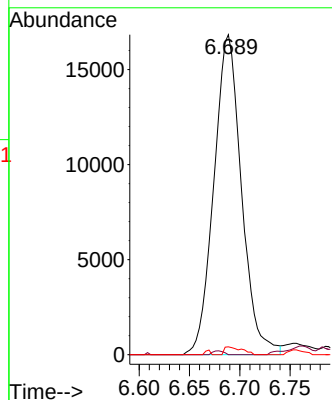
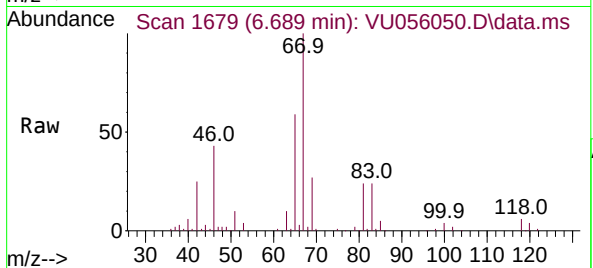
Acq: 01 Nov 2023 19:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 32151
Ion Ratio	Lower Upper
83 100	
55 0.0	62.4 93.6#
98 1.5	37.4 56.2#



#37

1,2-Dichloropropane

Concen: 0.660 ug/L

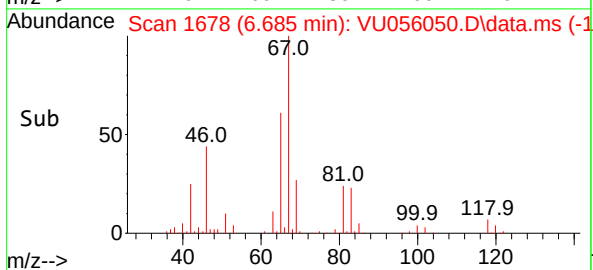
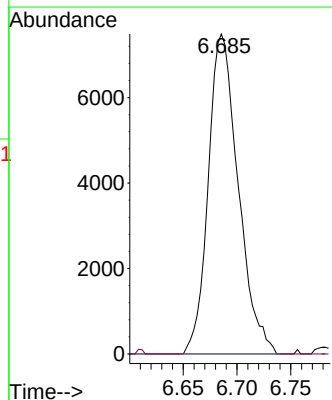
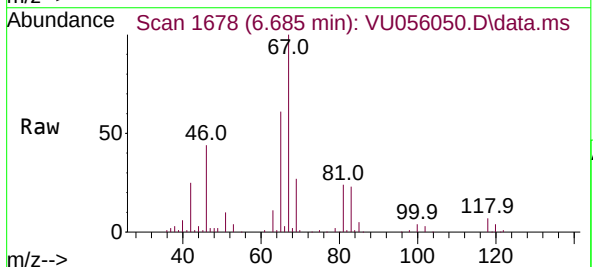
RT: 6.685 min Scan# 1678

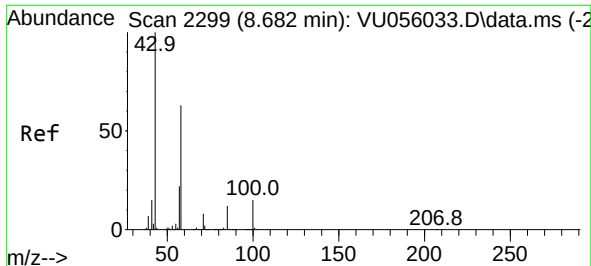
Delta R.T. -0.103 min

Lab File: VU056050.D

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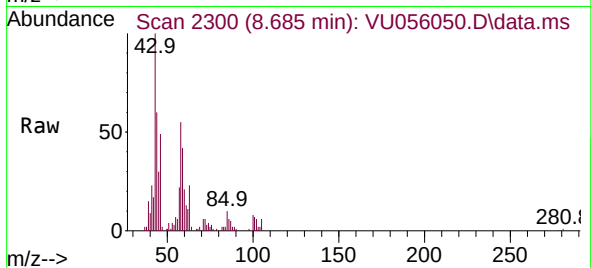
Tgt Ion: 63	Resp: 14520
Ion Ratio	Lower Upper
63 100	
112 0.3	3.1 4.7#



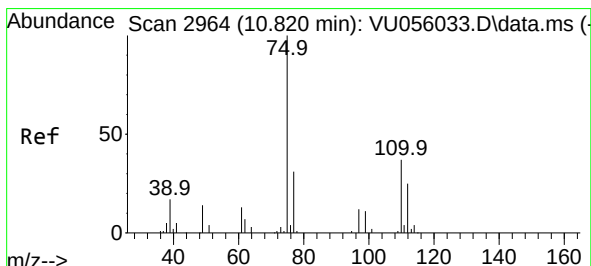
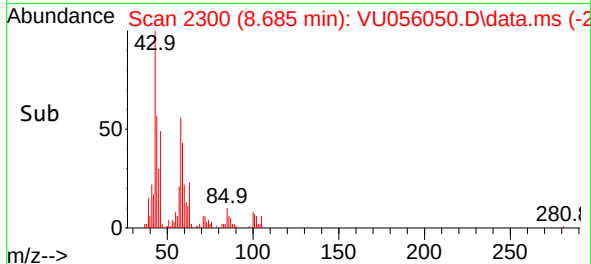
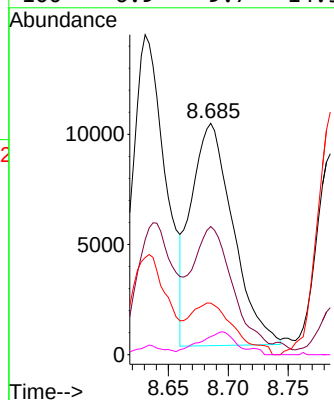


#48
2-Hexanone
Concen: 2.936 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056050.D
Acq: 01 Nov 2023 19:31

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	43	Resp:	24491
Ion	Ratio	Lower	Upper
43	100		
58	49.6	49.5	74.3
57	23.9	16.9	25.3
100	6.9	9.7	14.5



#61
1,2,3-Trichloropropane
Concen: 1.743 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.987 min
Lab File: VU056050.D
Acq: 01 Nov 2023 19:31

Tgt Ion:	75	Resp:	21035
Ion	Ratio	Lower	Upper
75	100		
110	2.8	29.0	43.6
77	32.2	24.5	36.7

