

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110623\
 Data File : VU056084.D
 Acq On : 06 Nov 2023 14:50
 Operator : MD/SY
 Sample : 05239-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 07 04:09:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 07 04:07:55 2023
 Response via : Initial Calibration

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

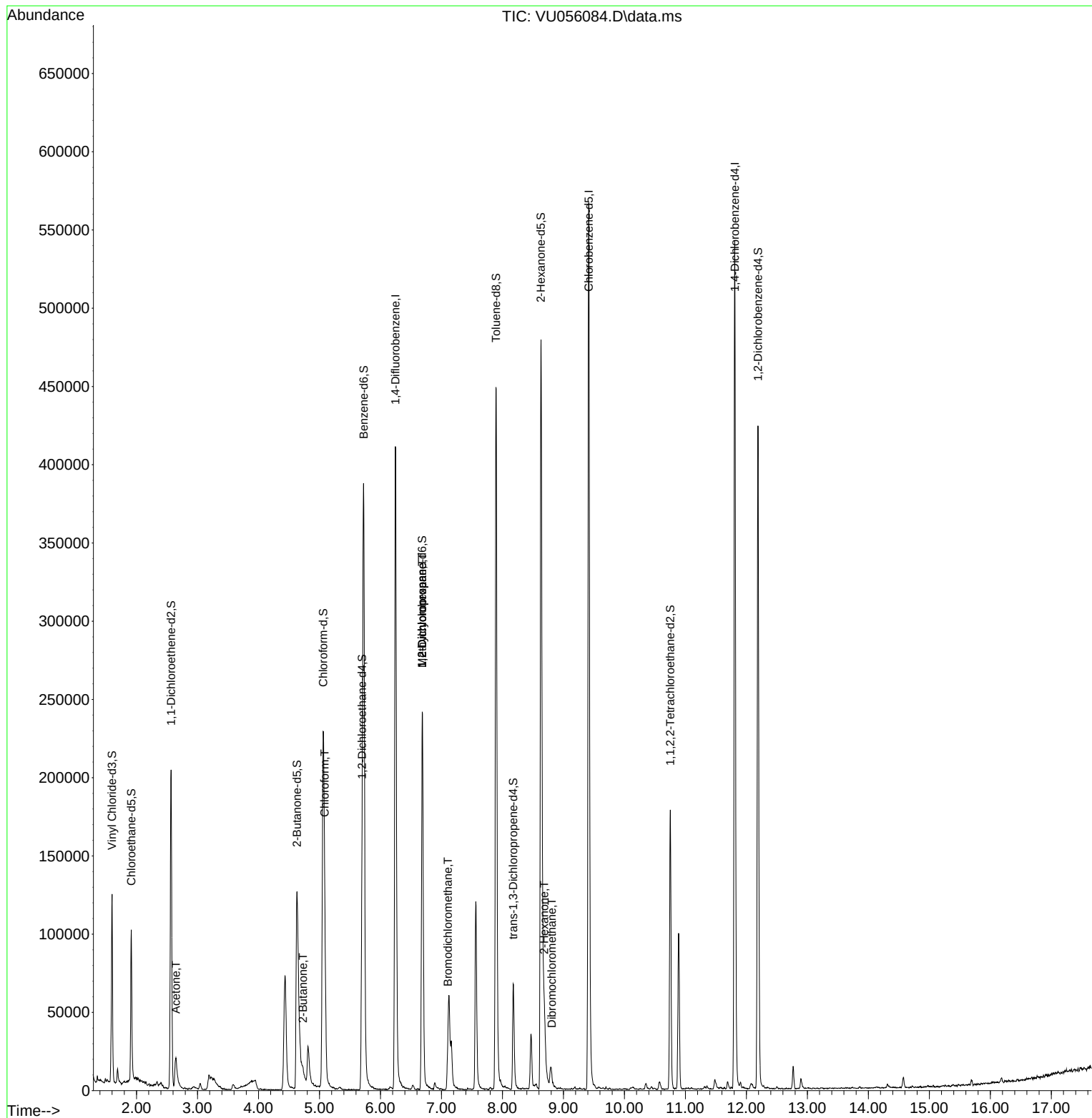
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	352493	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	344624	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	153596	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	84865	3.043	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.800%
7) Chloroethane-d5	1.914	69	74453	3.425	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.600%
11) 1,1-Dichloroethene-d2	2.566	65	40730	3.441	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.800%
20) 2-Butanone-d5	4.631	46	231231	46.484	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.960%
24) Chloroform-d	5.062	84	201971	3.909	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.200%
26) 1,2-Dichloroethane-d4	5.698	65	95611	3.798	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
32) Benzene-d6	5.724	84	390918	3.808	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.200%
36) 1,2-Dichloropropane-d6	6.685	67	124792	4.101	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.000%
41) Toluene-d8	7.894	98	324918	3.489	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.800%#
43) trans-1,3-Dichloroprop...	8.177	79	44627	3.749	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.000%
46) 2-Hexanone-d5	8.631	63	171286	56.692	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.380%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	92600	4.178	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	116853	4.078	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.600%
Target Compounds						Qvalue
13) Acetone	2.647	43	35766	12.617	ug/L	95
21) 2-Butanone	4.730	43	11717	2.812	ug/L	89
25) Chloroform	5.084	83	86661	2.350	ug/L	98
35) Methylcyclohexane	6.685	83	27869	0.971	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	12712	0.630	ug/L #	88
38) Bromodichloromethane	7.106	83	13426	0.530	ug/L	91
48) 2-Hexanone	8.685	43	24030	3.140	ug/L #	84
49) Dibromochloromethane	8.807	129	1908	0.122	ug/L	98

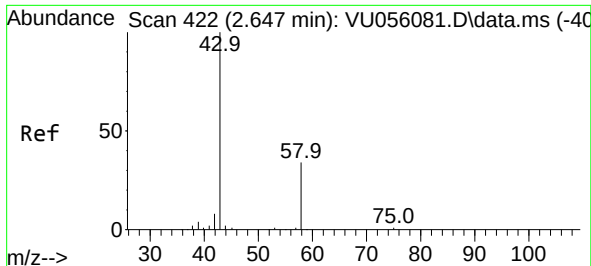
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.617 ug/L

RT: 2.647 min Scan# 41

Delta R.T. 0.000 min

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Instrument :

MSVOA_U

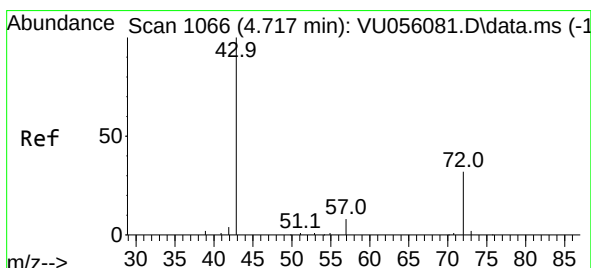
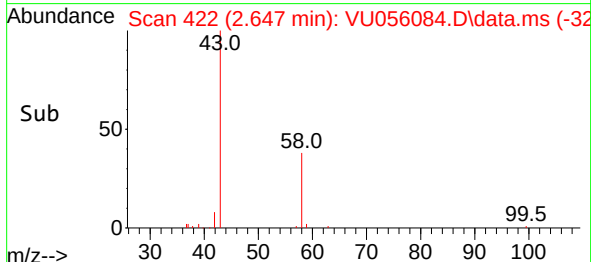
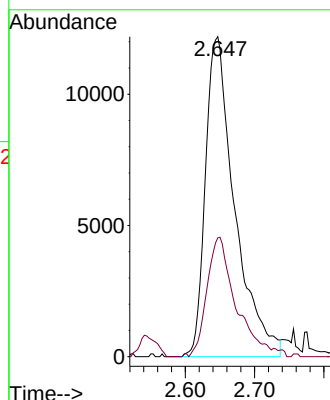
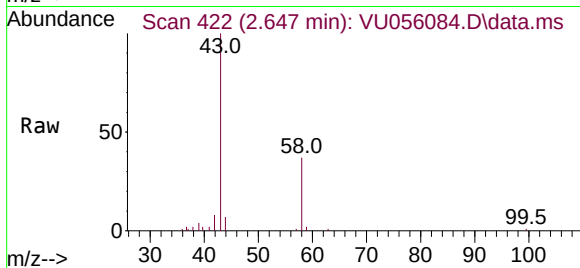
ClientSampleId :

Tgt Ion: 43 Resp: 35766

Ion Ratio Lower Upper

43 100

58 37.4 0.0 69.0



#21

2-Butanone

Concen: 2.812 ug/L

RT: 4.730 min Scan# 1070

Delta R.T. 0.013 min

Lab File: VU056084.D

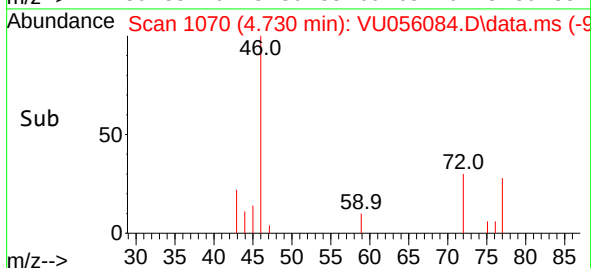
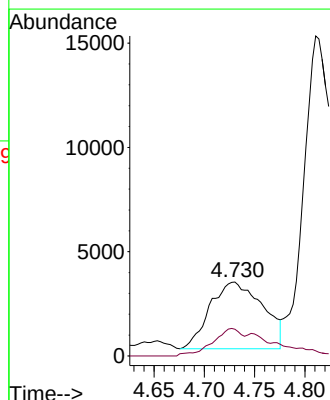
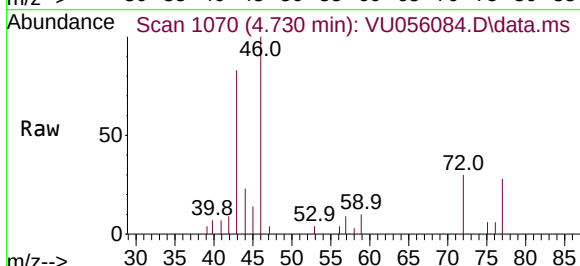
Acq: 06 Nov 2023 14:50

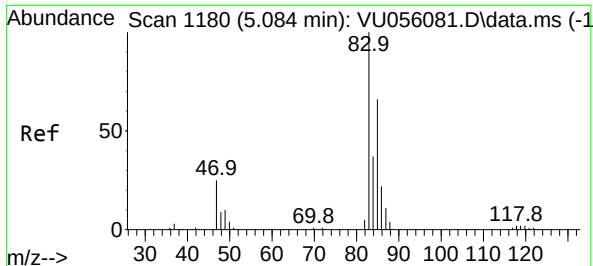
Tgt Ion: 43 Resp: 11717

Ion Ratio Lower Upper

43 100

72 22.9 14.4 43.4





#25

Chloroform

Concen: 2.350 ug/L

RT: 5.084 min Scan# 11

Delta R.T. 0.000 min

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Instrument :

MSVOA_U

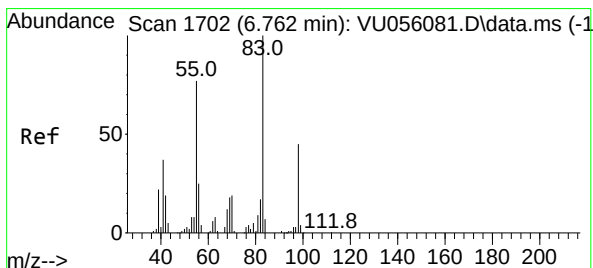
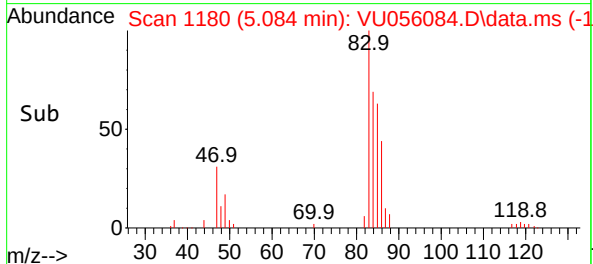
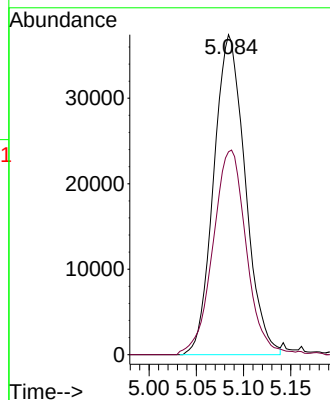
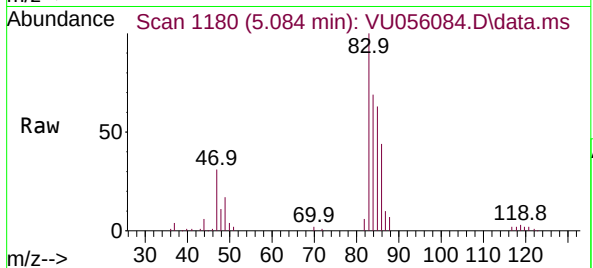
ClientSampleId :

Tgt Ion: 83 Resp: 86661

Ion Ratio Lower Upper

83 100

85 63.4 45.6 84.8



#35

Methylcyclohexane

Concen: 0.971 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.077 min

Lab File: VU056084.D

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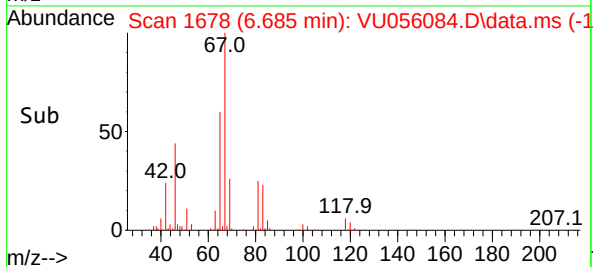
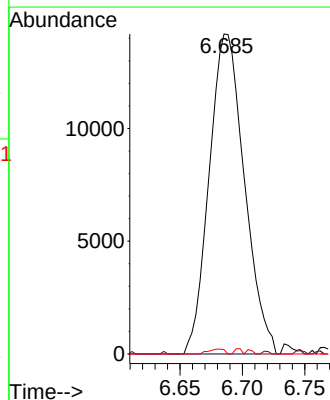
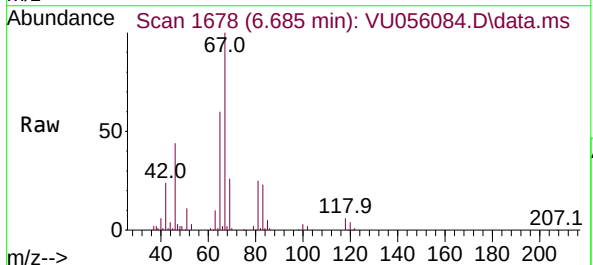
Tgt Ion: 83 Resp: 27869

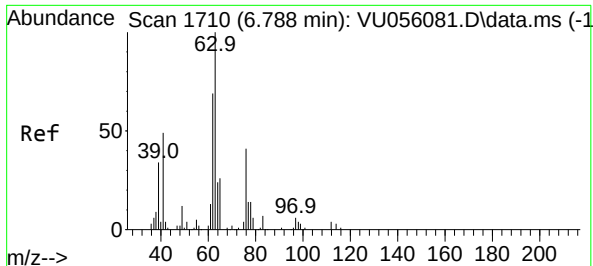
Ion Ratio Lower Upper

83 100

55 0.1 62.4 93.6#

98 0.7 37.4 56.2#

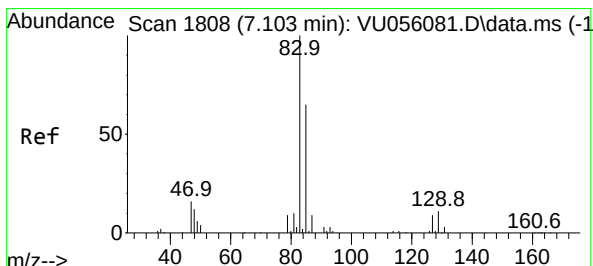
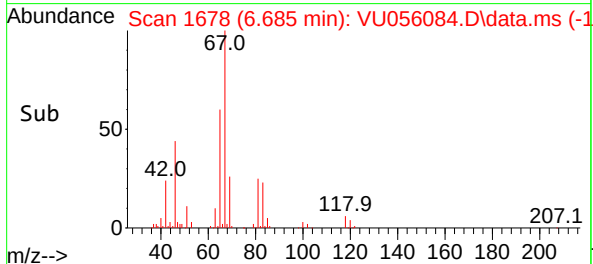
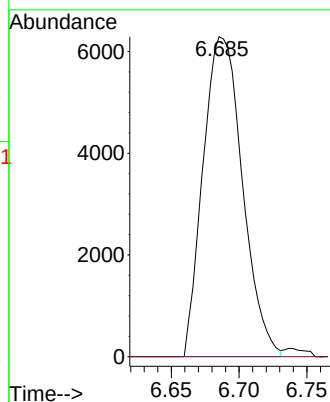
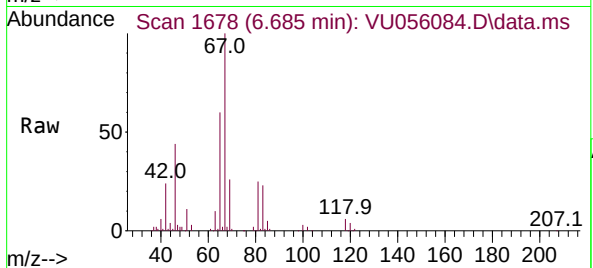




#37
1,2-Dichloropropane
Concen: 0.630 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU056084.D
Acq: 06 Nov 2023 14:50

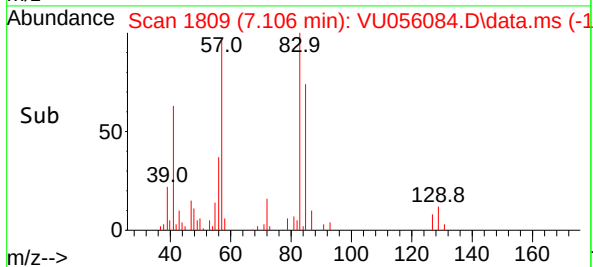
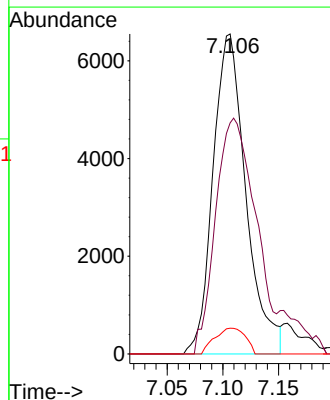
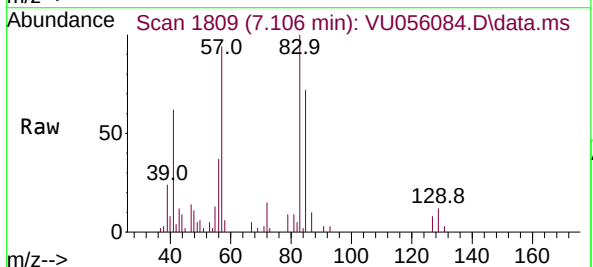
Instrument :
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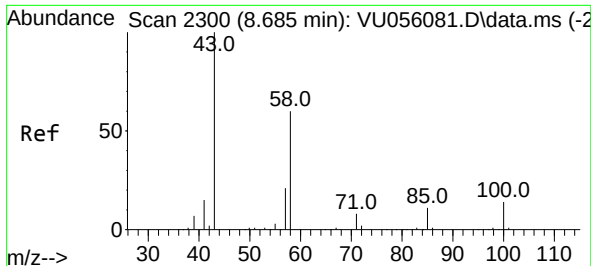
Tgt Ion: 63 Resp: 12712
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



#38
Bromodichloromethane
Concen: 0.530 ug/L
RT: 7.106 min Scan# 1809
Delta R.T. 0.003 min
Lab File: VU056084.D
Acq: 06 Nov 2023 14:50

Tgt Ion: 83 Resp: 13426
Ion Ratio Lower Upper
83 100
85 72.2 44.9 83.3
127 8.1 6.6 9.8

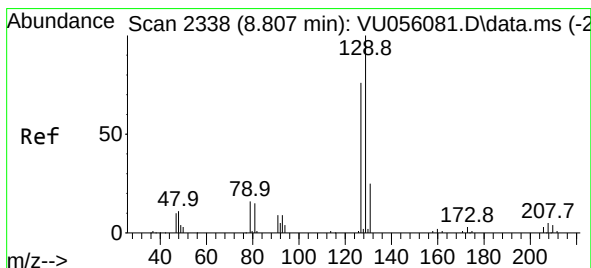
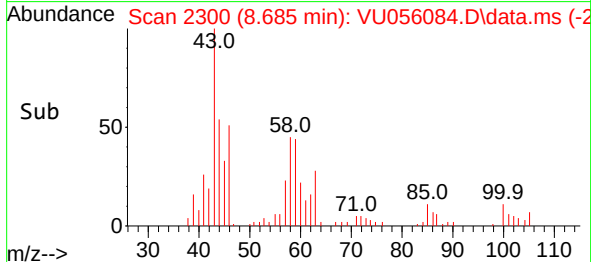
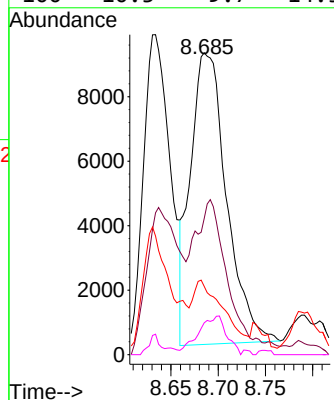
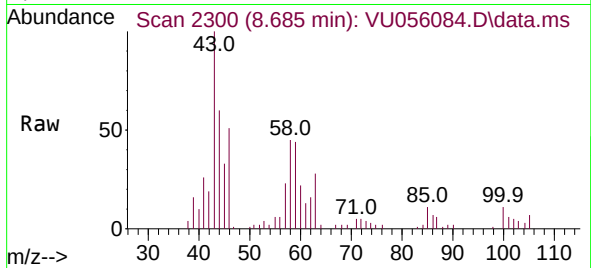




#48
2-Hexanone
Concen: 3.140 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056084.D
Acq: 06 Nov 2023 14:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	43	Resp:	24030
Ion	Ratio	Lower	Upper
43	100		
58	44.2	49.5	74.3#
57	20.8	16.9	25.3
100	10.3	9.7	14.5



#49
Dibromochloromethane
Concen: 0.122 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU056084.D
Acq: 06 Nov 2023 14:50

Tgt Ion:	129	Resp:	1908
Ion	Ratio	Lower	Upper
129	100		
127	74.5	53.5	99.5

