

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110123\
 Data File : VU056048.D
 Acq On : 01 Nov 2023 18:43
 Operator : MD/SY
 Sample : 05113-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 02 02:11:50 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

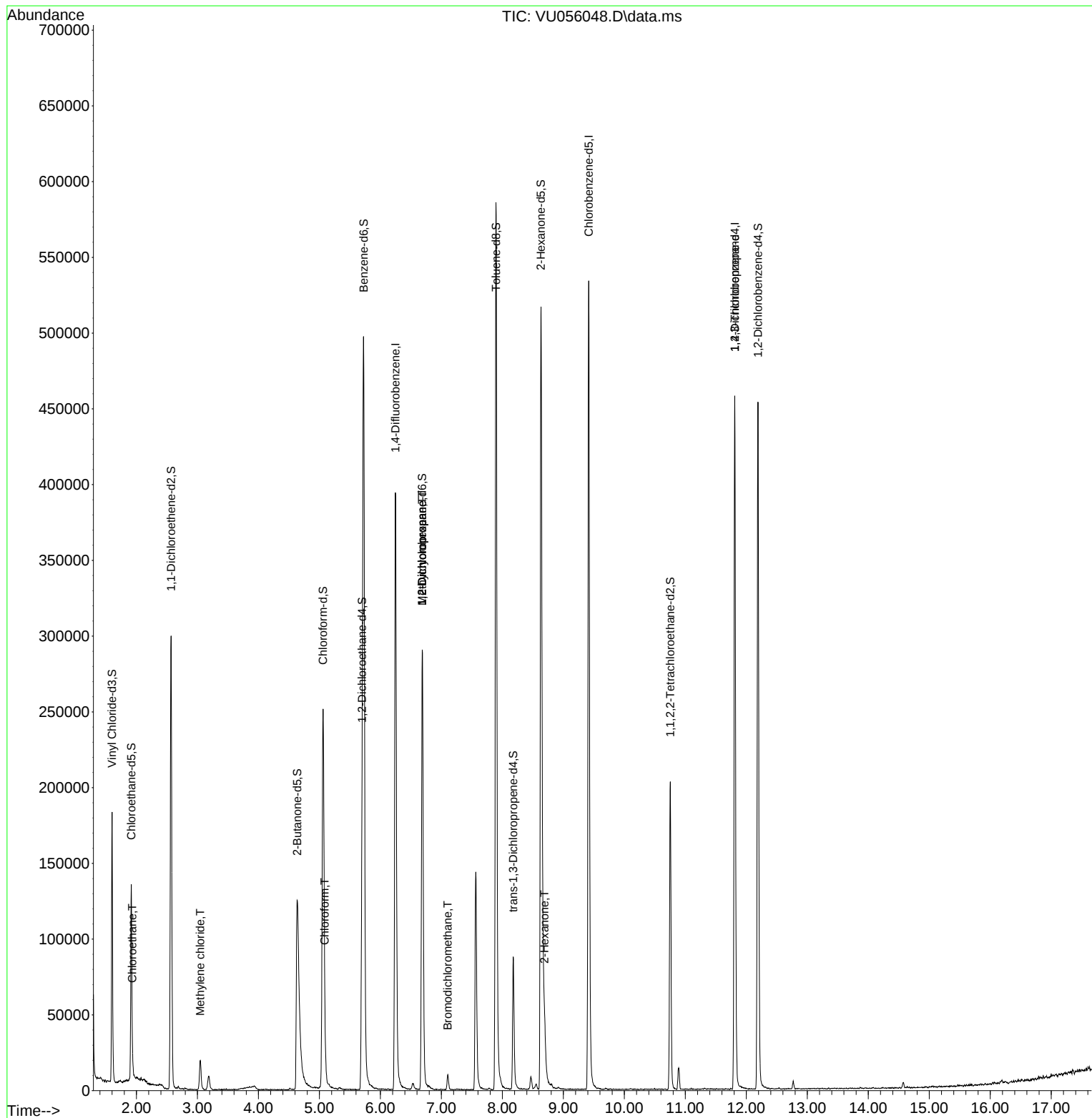
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	340883	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	323007	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	131430	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	132370	4.909	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.200%	
7) Chloroethane-d5	1.914	69	102974	4.899	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.000%	
11) 1,1-Dichloroethene-d2	2.567	65	58099	5.075	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	101.600%	
20) 2-Butanone-d5	4.634	46	249058	51.773	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.540%	
24) Chloroform-d	5.059	84	244824	4.900	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.000%	
26) 1,2-Dichloroethane-d4	5.698	65	116697	4.794	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.800%	
32) Benzene-d6	5.724	84	501046	5.208	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.200%	
36) 1,2-Dichloropropane-d6	6.685	67	150287	5.269	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.400%	
41) Toluene-d8	7.894	98	421991	4.835	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.600%	
43) trans-1,3-Dichloroprop...	8.177	79	54812	4.913	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	98.200%	
46) 2-Hexanone-d5	8.631	63	191338	67.567	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	135.140%#	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	105631	5.085	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	128490	5.240	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.800%	
Target Compounds						
					Qvalue	
8) Chloroethane	1.930	64	1673	0.140	ug/L #	63
16) Methylene chloride	3.046	84	9909	0.529	ug/L	89
25) Chloroform	5.087	83	16759	0.470	ug/L	91
35) Methylcyclohexane	6.685	83	34954	1.299	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	15853	0.838	ug/L #	88
38) Bromodichloromethane	7.103	83	6712	0.282	ug/L #	95
48) 2-Hexanone	8.689	43	21886	3.051	ug/L #	84
61) 1,2,3-Trichloropropane	11.811	75	15071	1.670	ug/L #	67

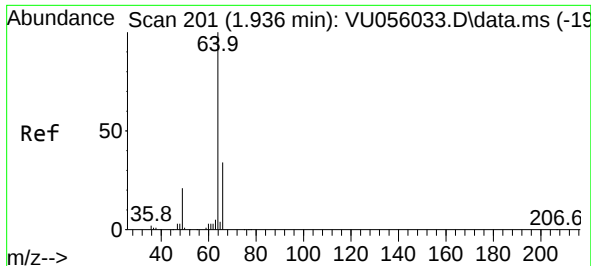
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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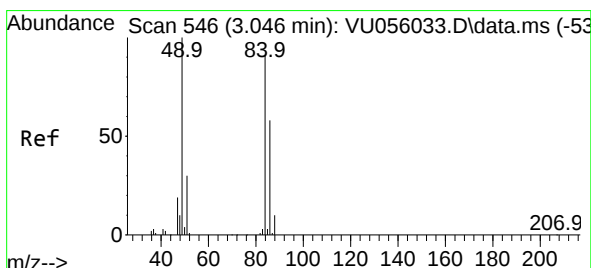
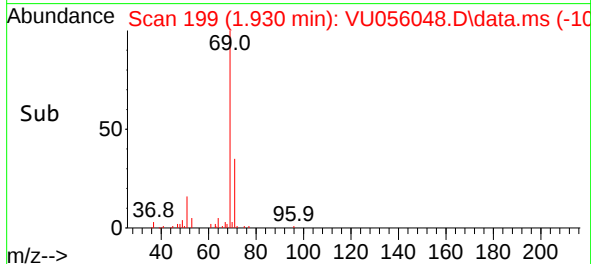
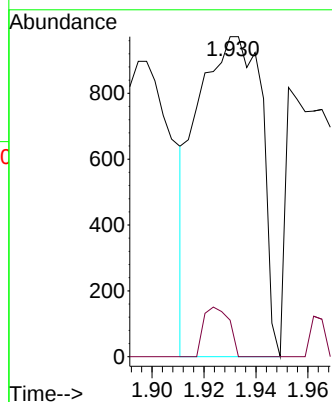
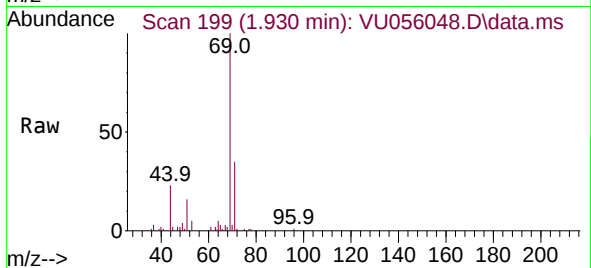




#8
Chloroethane
Concen: 0.140 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.006 min
Lab File: VU056048.D
Acq: 01 Nov 2023 18:43

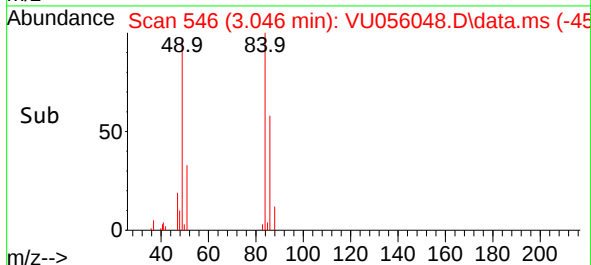
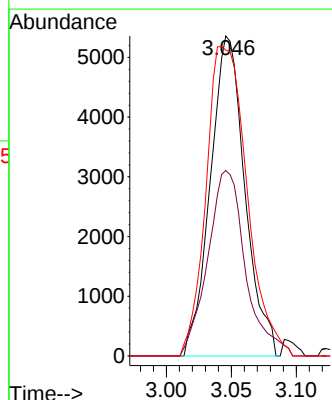
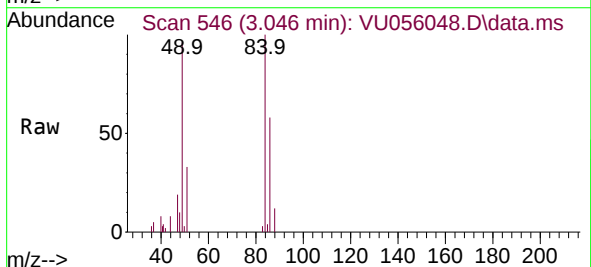
Instrument :
MSVOA_U
ClientSampleId :

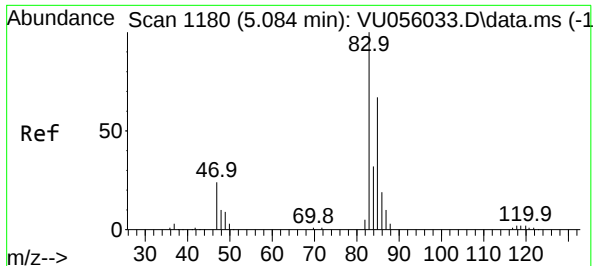
Tgt Ion: 64 Resp: 1673
Ion Ratio Lower Upper
64 100
66 11.4 22.7 42.1#



#16
Methylene chloride
Concen: 0.529 ug/L
RT: 3.046 min Scan# 546
Delta R.T. 0.000 min
Lab File: VU056048.D
Acq: 01 Nov 2023 18:43

Tgt Ion: 84 Resp: 9909
Ion Ratio Lower Upper
84 100
86 57.9 45.2 84.0
49 98.7 78.8 146.3





#25

Chloroform

Concen: 0.470 ug/L

RT: 5.087 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU056048.D

Acq: 01 Nov 2023 18:43

Instrument :

MSVOA_U

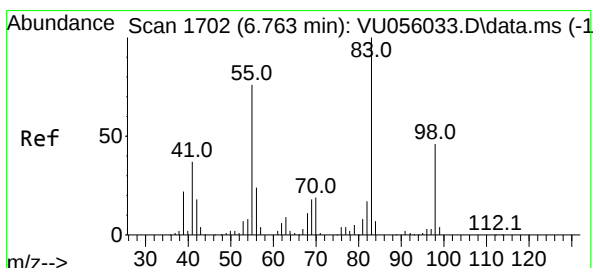
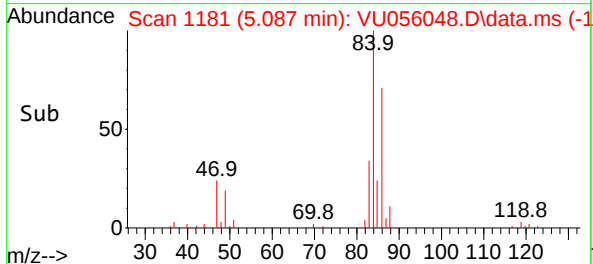
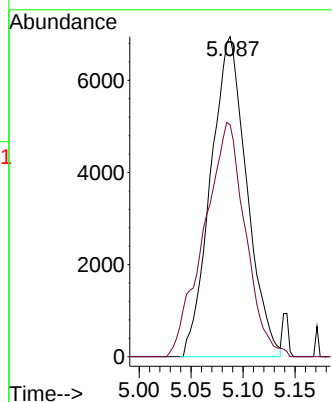
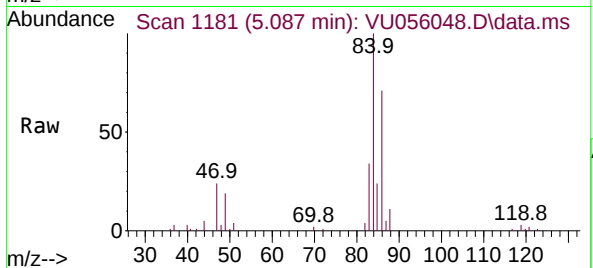
ClientSampleId :

Tgt Ion: 83 Resp: 16759

Ion Ratio Lower Upper

83 100

85 72.5 45.6 84.8



#35

Methylcyclohexane

Concen: 1.299 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.077 min

Lab File: VU056048.D

Acq: 01 Nov 2023 18:43

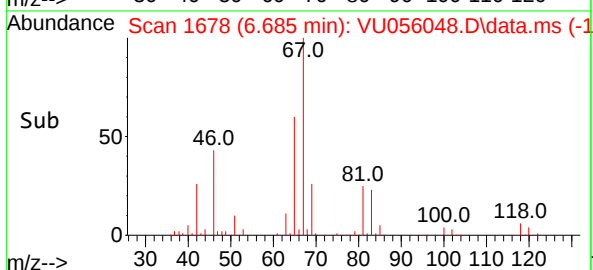
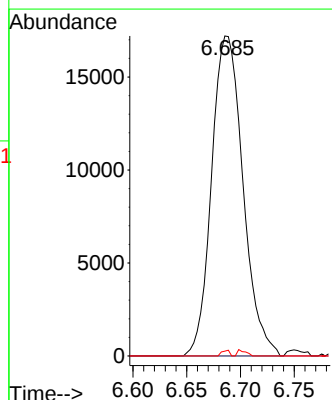
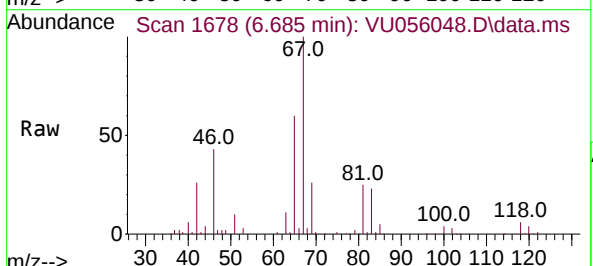
Tgt Ion: 83 Resp: 34954

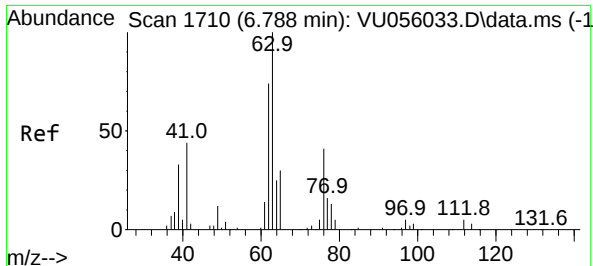
Ion Ratio Lower Upper

83 100

55 0.0 62.4 93.6#

98 0.4 37.4 56.2#





#37

1,2-Dichloropropane

Concen: 0.838 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU056048.D

Acq: 01 Nov 2023 18:43

Instrument :

MSVOA_U

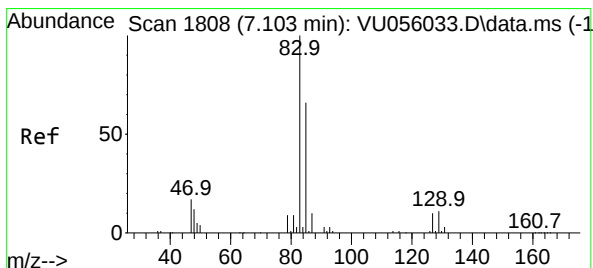
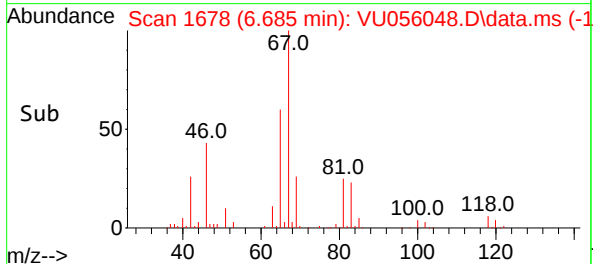
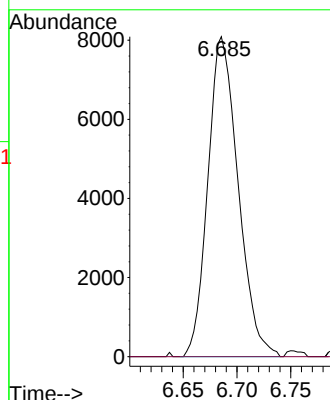
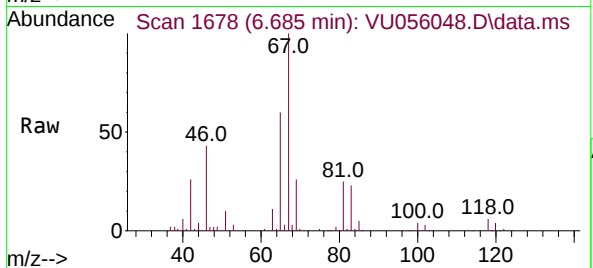
ClientSampleId :

Tgt Ion: 63 Resp: 15853

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#38

Bromodichloromethane

Concen: 0.282 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VU056048.D

Acq: 01 Nov 2023 18:43

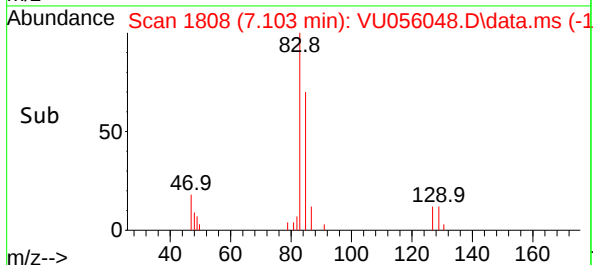
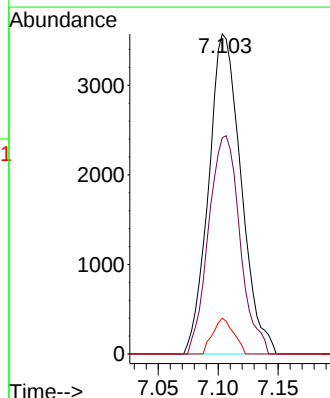
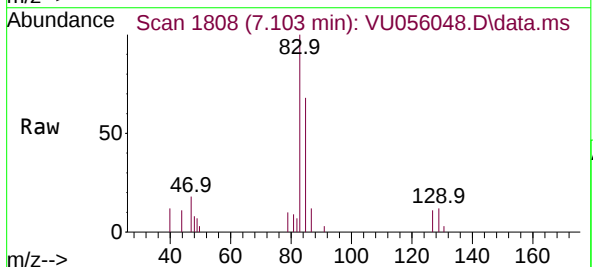
Tgt Ion: 83 Resp: 6712

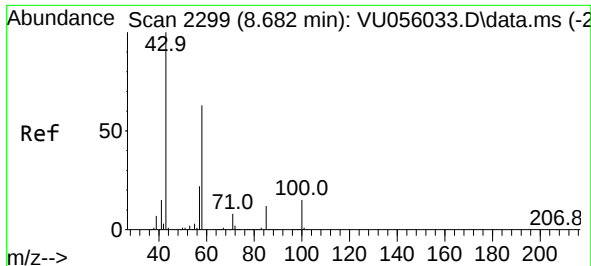
Ion Ratio Lower Upper

83 100

85 67.6 44.9 83.3

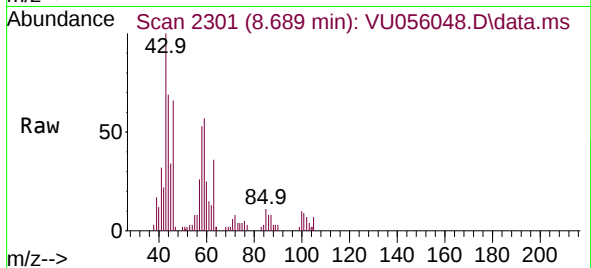
127 11.2 6.6 9.8#



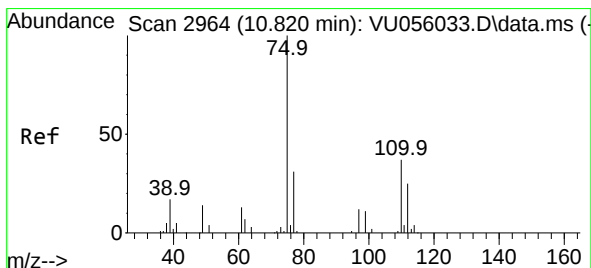
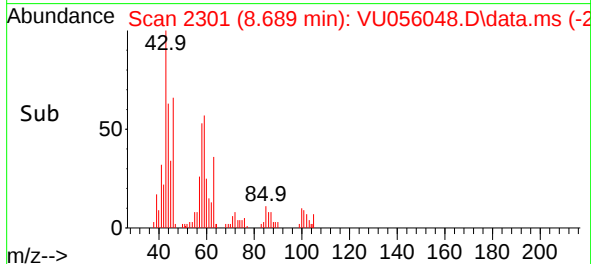
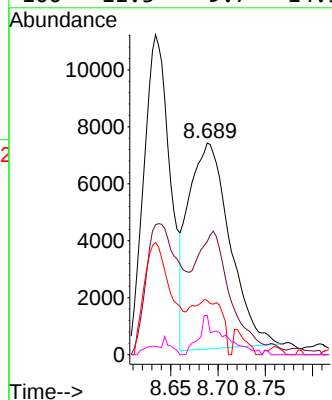


#48
2-Hexanone
Concen: 3.051 ug/L
RT: 8.689 min Scan# 21886
Delta R.T. 0.007 min
Lab File: VU056048.D
Acq: 01 Nov 2023 18:43

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 21886
Ion Ratio Lower Upper
43 100
58 44.5 49.5 74.3#
57 19.6 16.9 25.3
100 11.3 9.7 14.5



#61
1,2,3-Trichloropropane
Concen: 1.670 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU056048.D
Acq: 01 Nov 2023 18:43

Tgt Ion: 75 Resp: 15071
Ion Ratio Lower Upper
75 100
110 2.6 29.0 43.6#
77 33.4 24.5 36.7

