

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110123\
 Data File : VU056034.D
 Acq On : 01 Nov 2023 12:14
 Operator : MD/SY
 Sample : VU1101WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 02 02:08:42 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)

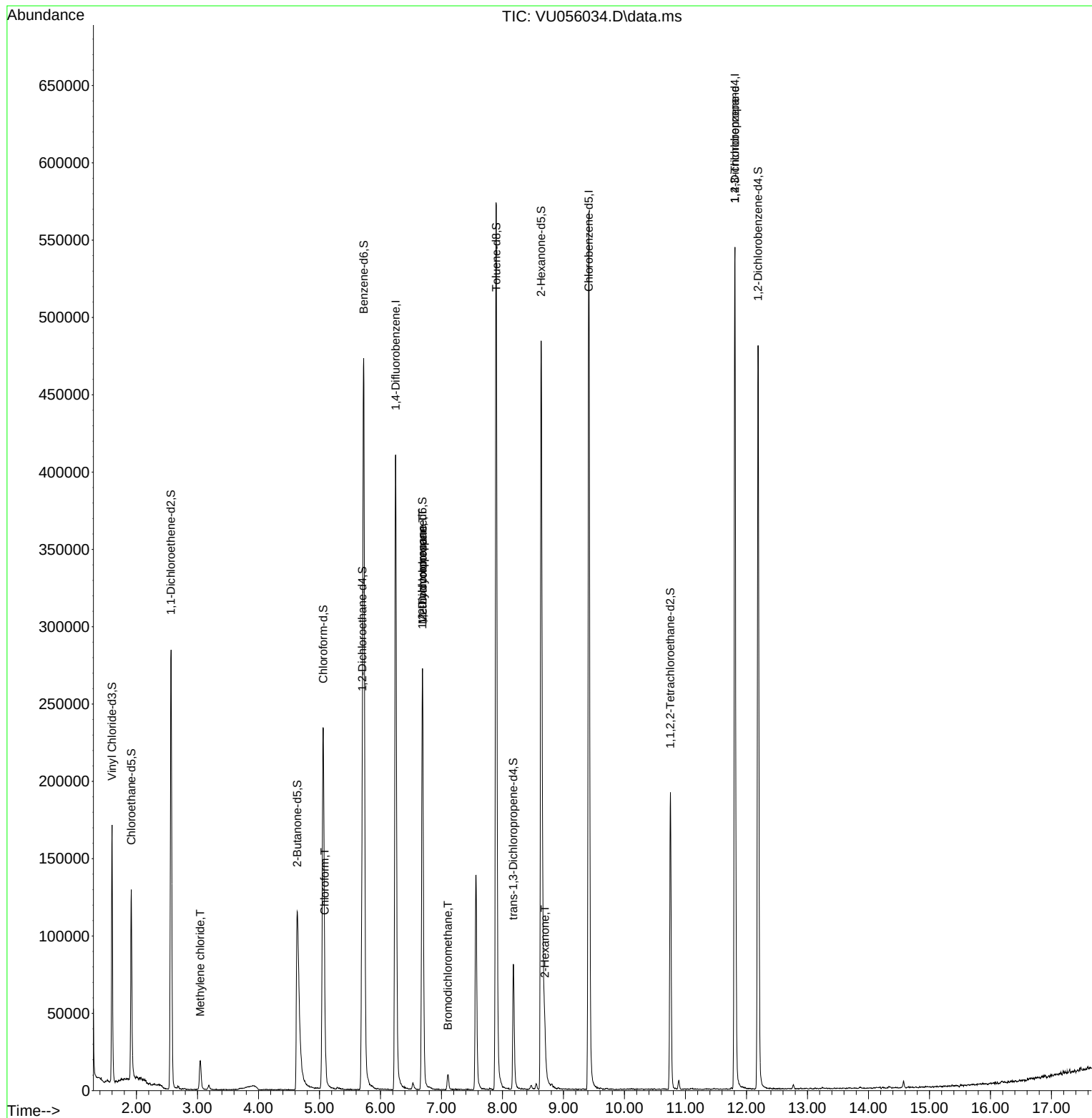
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	356566	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	349248	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	153882	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	123332	4.372	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.400%	
7) Chloroethane-d5	1.914	69	96127	4.372	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.400%	
11) 1,1-Dichloroethene-d2	2.563	65	54230	4.529	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.600%	
20) 2-Butanone-d5	4.634	46	228913	45.492	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	90.980%	
24) Chloroform-d	5.059	84	229302	4.387	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.800%	
26) 1,2-Dichloroethane-d4	5.702	65	106372	4.177	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.600%	
32) Benzene-d6	5.724	84	472096	4.538	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.800%	
36) 1,2-Dichloropropane-d6	6.686	67	141183	4.578	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.600%	
41) Toluene-d8	7.898	98	408407	4.328	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.600%	
43) trans-1,3-Dichloroprop...	8.177	79	51745	4.290	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.800%	
46) 2-Hexanone-d5	8.634	63	182309	59.541	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	119.080%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	97759	4.353	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	135859	4.732	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.600%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.043	84	10434	0.533	ug/L	95
25) Chloroform	5.084	83	17297	0.464	ug/L	97
35) Methylcyclohexane	6.689	83	32307	1.110	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	14407	0.704	ug/L #	89
38) Bromodichloromethane	7.107	83	7400	0.288	ug/L #	97
48) 2-Hexanone	8.695	43	19109	2.464	ug/L #	84
61) 1,2,3-Trichloropropane	11.811	75	16790	1.589	ug/L #	66

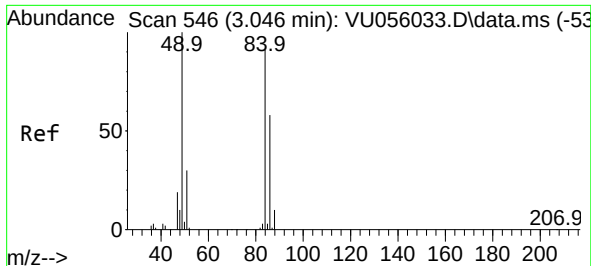
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

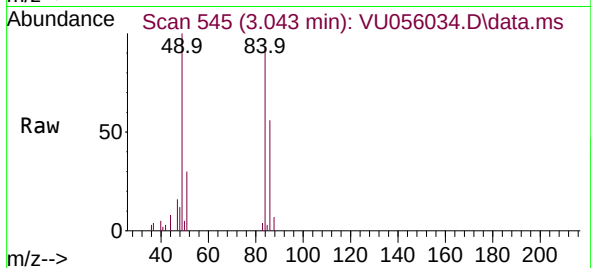
Quant Time: Nov 02 02:08:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 02 02:08:05 2023
Response via : Initial Calibration



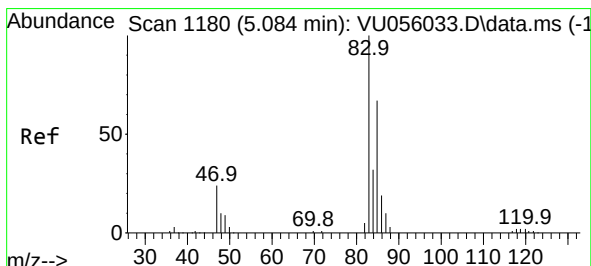
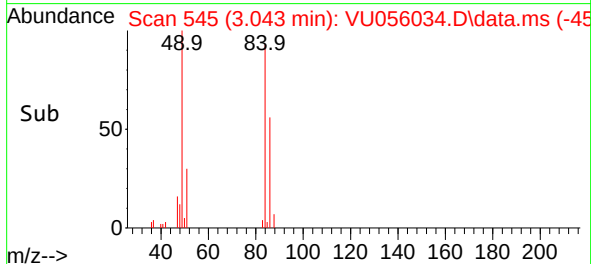
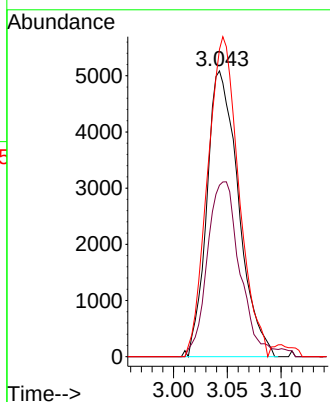


#16
Methylene chloride
Concen: 0.533 ug/L
RT: 3.043 min Scan# 546
Delta R.T. -0.003 min
Lab File: VU056034.D
Acq: 01 Nov 2023 12:14

Instrument :
MSVOA_U
ClientSampleId :

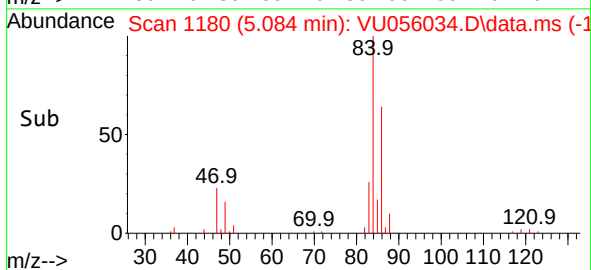
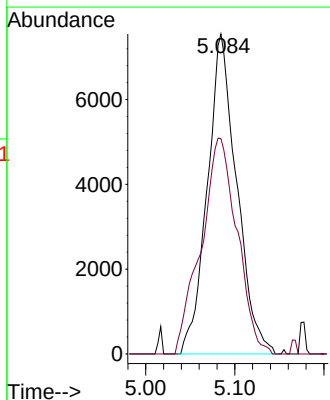
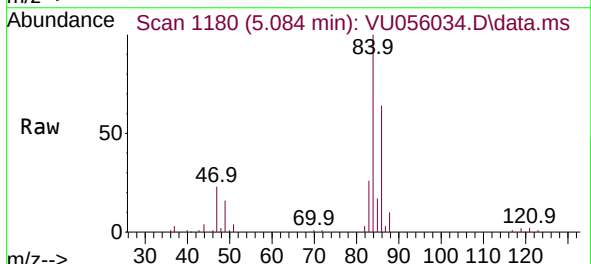


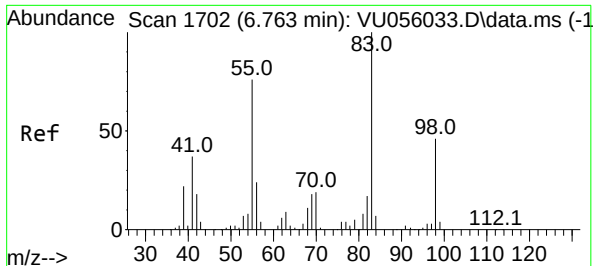
Tgt Ion: 84 Resp: 10434
Ion Ratio Lower Upper
84 100
86 60.0 45.2 84.0
49 107.5 78.8 146.3



#25
Chloroform
Concen: 0.464 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU056034.D
Acq: 01 Nov 2023 12:14

Tgt Ion: 83 Resp: 17297
Ion Ratio Lower Upper
83 100
85 67.3 45.6 84.8





#35

Methylcyclohexane

Concen: 1.110 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.074 min

Lab File: VU056034.D

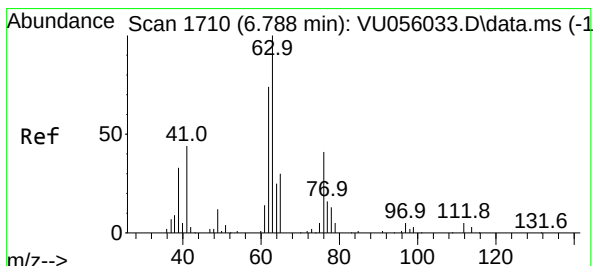
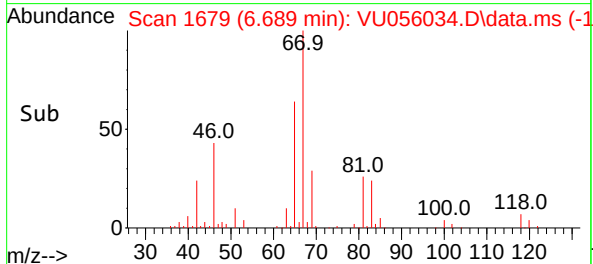
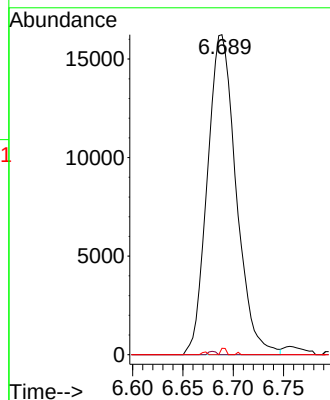
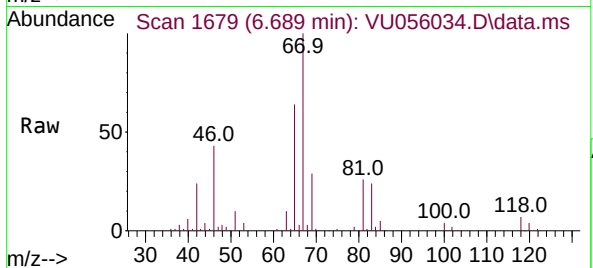
Acq: 01 Nov 2023 12:14

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 32307
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: 0.704 ug/L

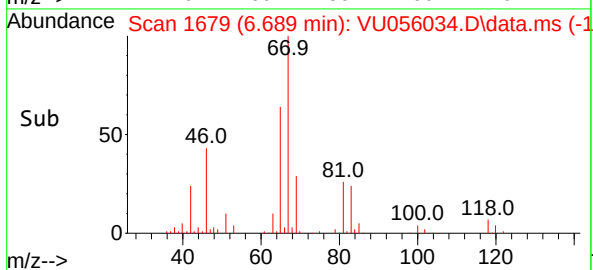
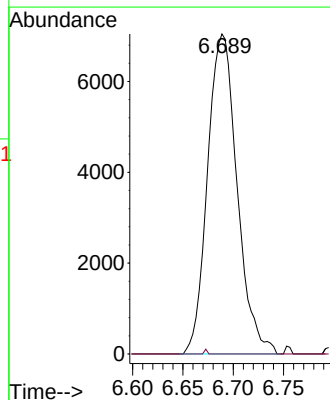
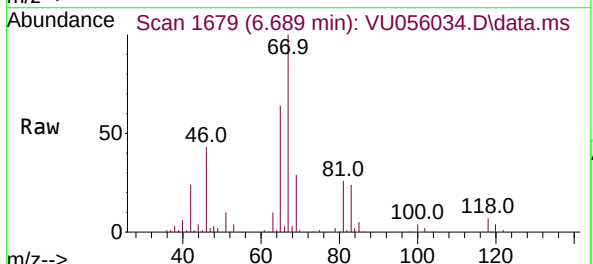
RT: 6.689 min Scan# 1679

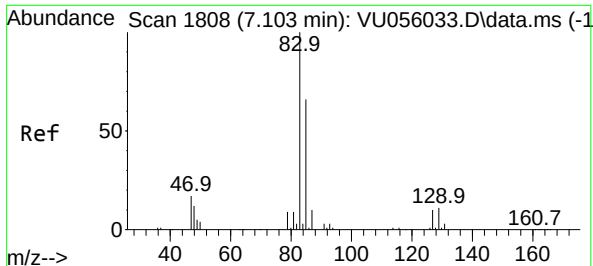
Delta R.T. -0.100 min

Lab File: VU056034.D

Acq: 01 Nov 2023 12:14

Tgt Ion: 63	Resp: 14407
Ion Ratio	Lower Upper
63 100	
112 0.1	3.1 4.7#

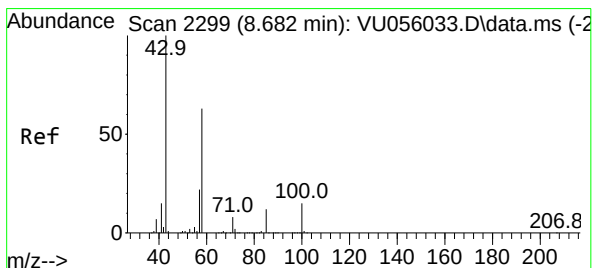
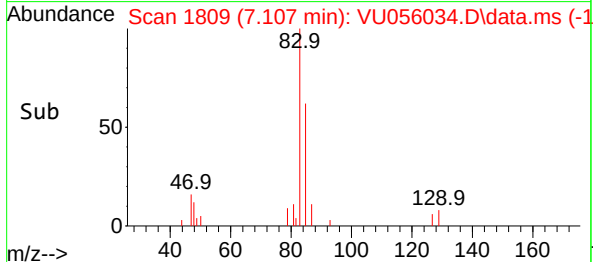
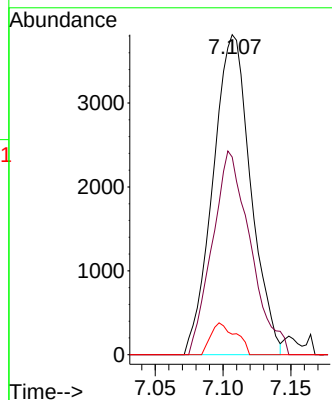
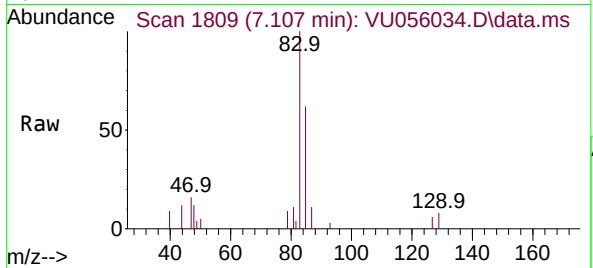




#38
Bromodichloromethane
Concen: 0.288 ug/L
RT: 7.107 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU056034.D
Acq: 01 Nov 2023 12:14

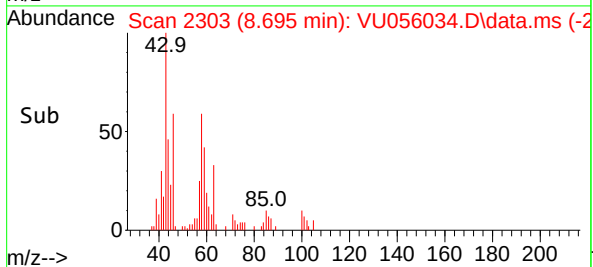
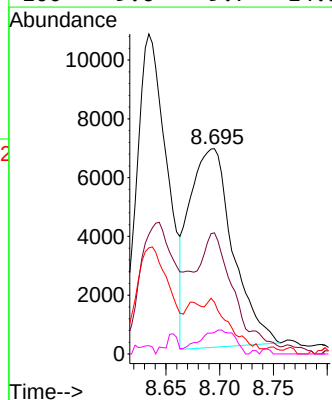
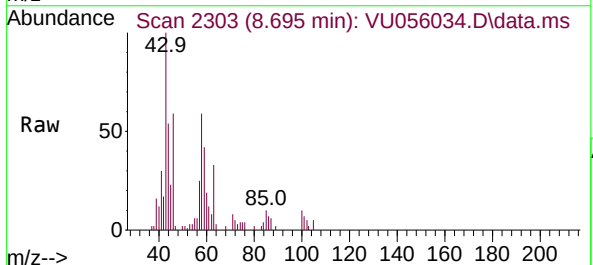
Instrument :
MSVOA_U
ClientSampleId :

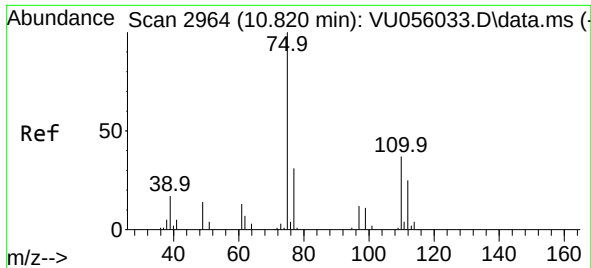
Tgt Ion: 83 Resp: 7400
Ion Ratio Lower Upper
83 100
85 61.8 44.9 83.3
127 6.4 6.6 9.8#



#48
2-Hexanone
Concen: 2.464 ug/L
RT: 8.695 min Scan# 2303
Delta R.T. 0.013 min
Lab File: VU056034.D
Acq: 01 Nov 2023 12:14

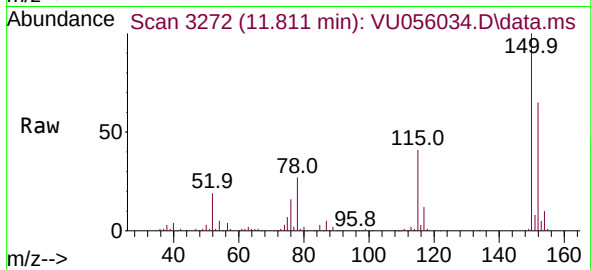
Tgt Ion: 43 Resp: 19109
Ion Ratio Lower Upper
43 100
58 48.2 49.5 74.3#
57 12.7 16.9 25.3#
100 9.6 9.7 14.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.589 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU056034.D
 Acq: 01 Nov 2023 12:14

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 16790
 Ion Ratio Lower Upper
 75 100
 110 2.5 29.0 43.6#
 77 33.5 24.5 36.7

