

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110923\
 Data File : VU056140.D
 Acq On : 09 Nov 2023 15:12
 Operator : MD/SY
 Sample : 05297-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 09 21:36:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 09 21:34:15 2023
 Response via : Initial Calibration

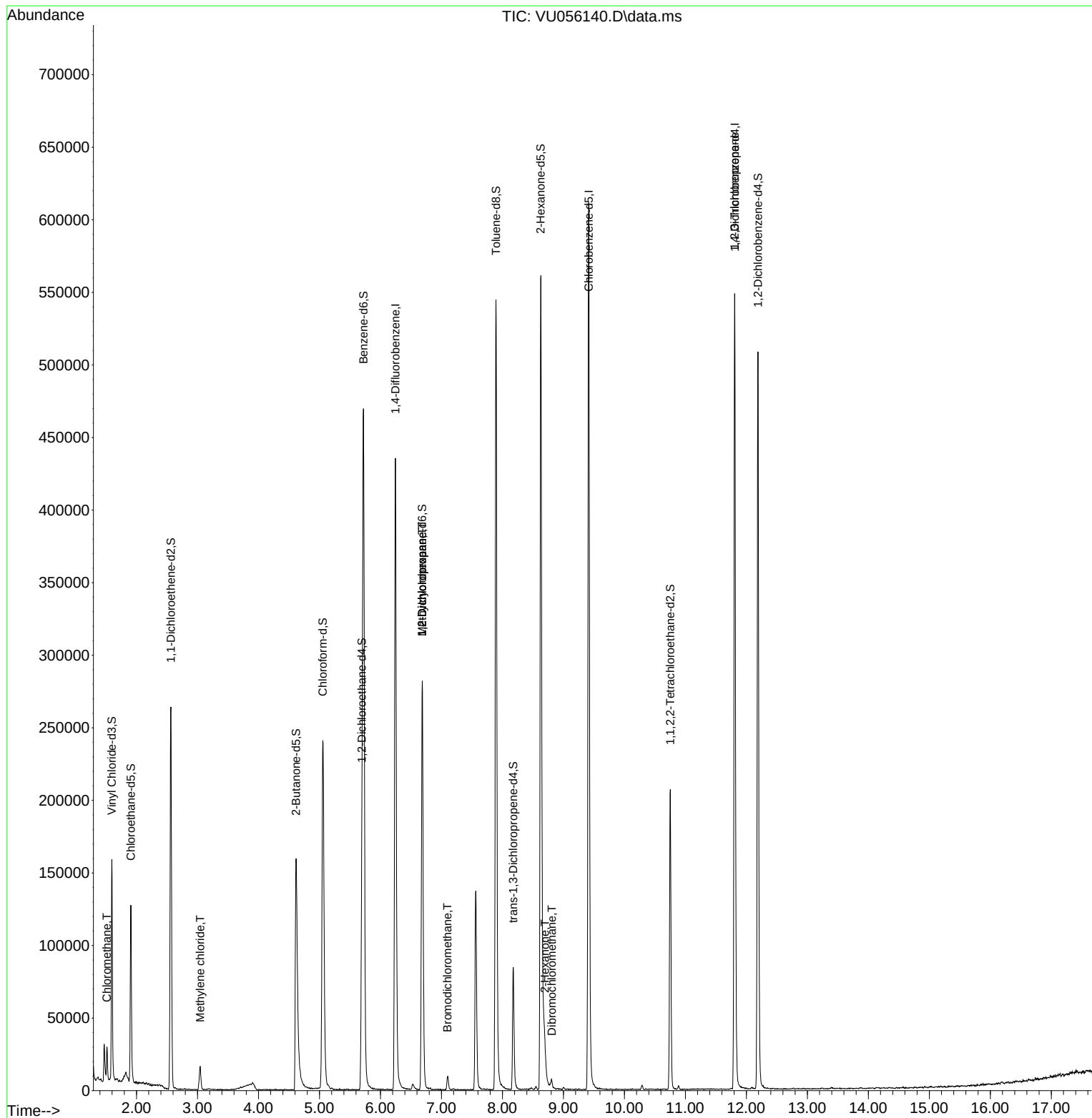
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	371351	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	371341	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	159260	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	109650	4.757	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.200%	
7) Chloroethane-d5	1.907	69	94957	6.071	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	121.400%	
11) 1,1-Dichloroethene-d2	2.563	65	52047	5.125	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	102.600%	
20) 2-Butanone-d5	4.615	46	249065	65.865	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	131.740%#	
24) Chloroform-d	5.055	84	233958	5.332	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.600%	
26) 1,2-Dichloroethane-d4	5.695	65	112298	5.813	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	116.200%	
32) Benzene-d6	5.721	84	466884	5.235	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.600%	
36) 1,2-Dichloropropane-d6	6.685	67	142321	5.421	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	108.400%	
41) Toluene-d8	7.894	98	391442	4.790	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.800%	
43) trans-1,3-Dichloroprop...	8.177	79	50599	5.042	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	100.800%	
46) 2-Hexanone-d5	8.627	63	192944	58.660	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	117.320%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	104698	5.587	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	111.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	140605	5.725	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	114.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	13823	0.469	ug/L	92
16) Methylene chloride	3.042	84	8446	0.309	ug/L	95
35) Methylcyclohexane	6.685	83	34336	0.795	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	14840	0.537	ug/L #	87
38) Bromodichloromethane	7.100	83	6928	0.201	ug/L #	93
48) 2-Hexanone	8.695	43	21195	2.407	ug/L #	86
49) Dibromochloromethane	8.807	129	2830	0.130	ug/L	90
61) 1,2,3-Trichloropropane	11.807	75	18333	1.334	ug/L #	68

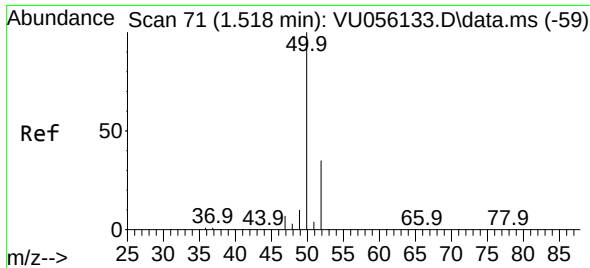
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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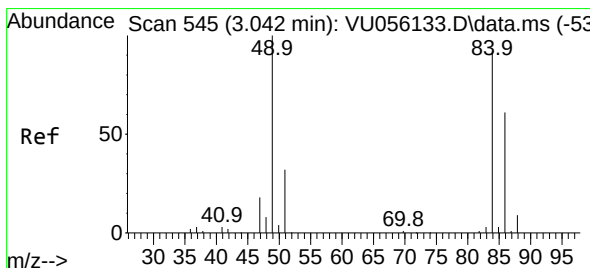
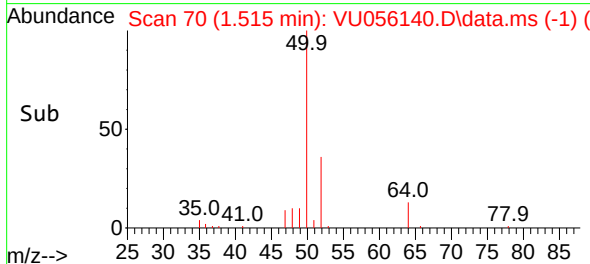
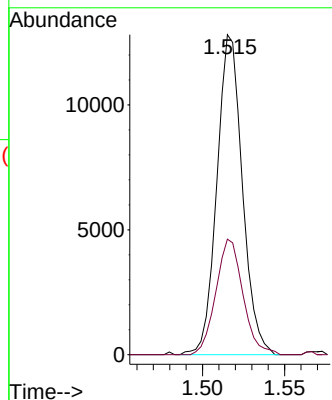
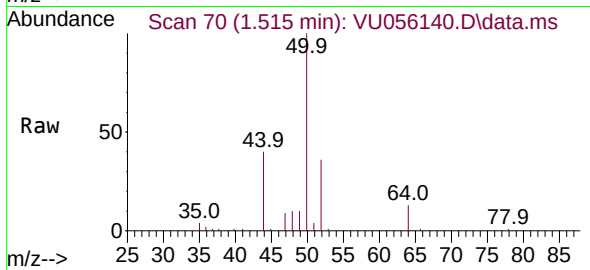




#3
Chloromethane
Concen: 0.469 ug/L
RT: 1.515 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU056140.D
Acq: 09 Nov 2023 15:12

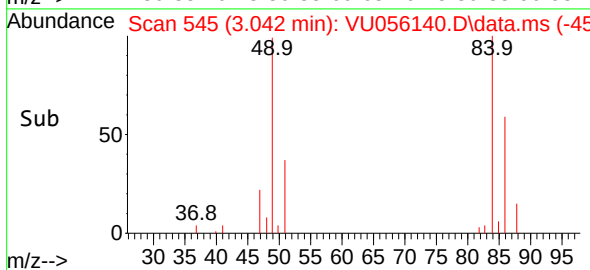
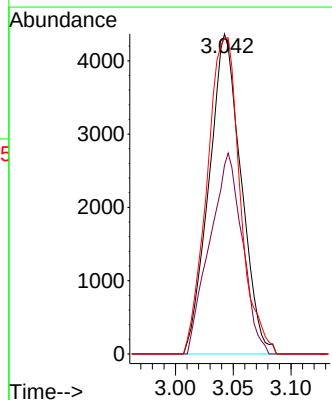
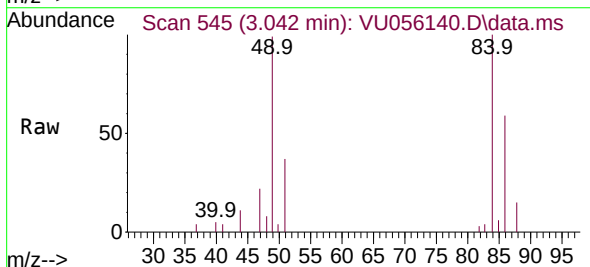
Instrument :
MSVOA_U
ClientSampleId :

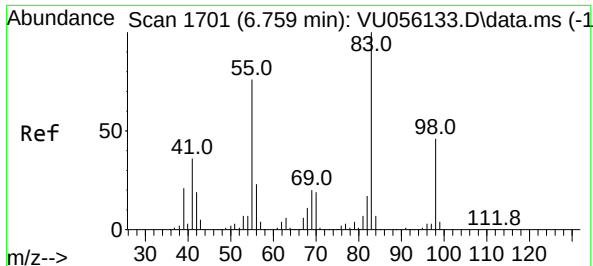
Tgt Ion: 50 Resp: 13823
Ion Ratio Lower Upper
50 100
52 36.1 22.2 41.2



#16
Methylene chloride
Concen: 0.309 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU056140.D
Acq: 09 Nov 2023 15:12

Tgt Ion: 84 Resp: 8446
Ion Ratio Lower Upper
84 100
86 59.0 44.9 83.5
49 103.2 75.0 139.4





#35

Methylcyclohexane

Concen: 0.795 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU056140.D

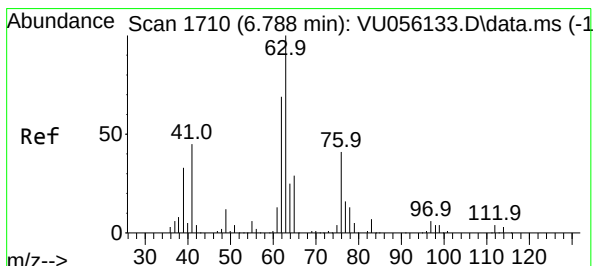
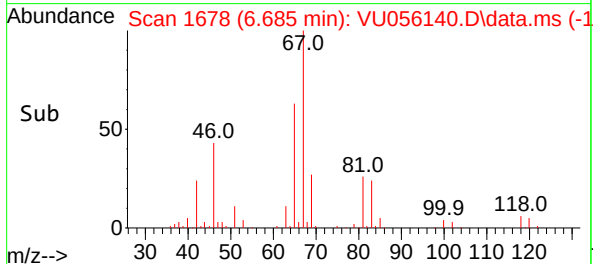
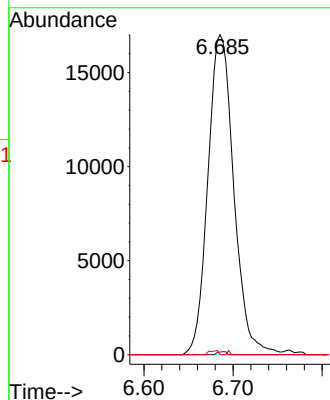
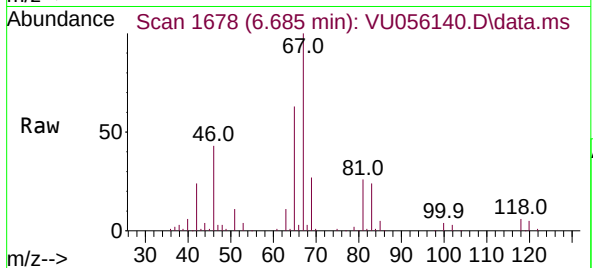
Acq: 09 Nov 2023 15:12

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 34336
Ion Ratio	Lower Upper
83	100
55	0.3 60.6 91.0#
98	0.4 36.2 54.4#



#37

1,2-Dichloropropane

Concen: 0.537 ug/L

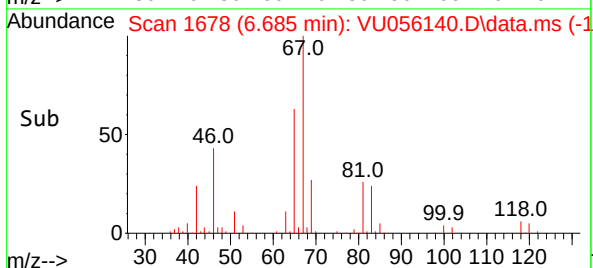
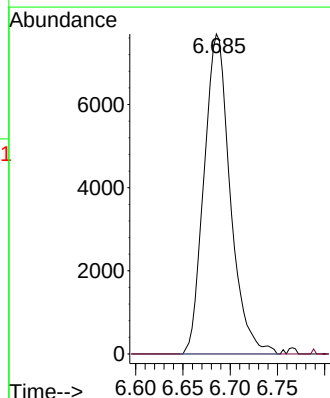
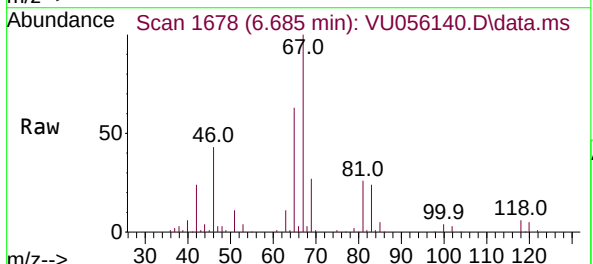
RT: 6.685 min Scan# 1678

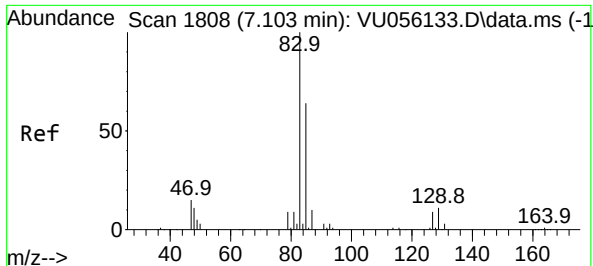
Delta R.T. -0.103 min

Lab File: VU056140.D

Acq: 09 Nov 2023 15:12

Tgt Ion: 63	Resp: 14840
Ion Ratio	Lower Upper
63	100
112	0.2 3.4 5.2#

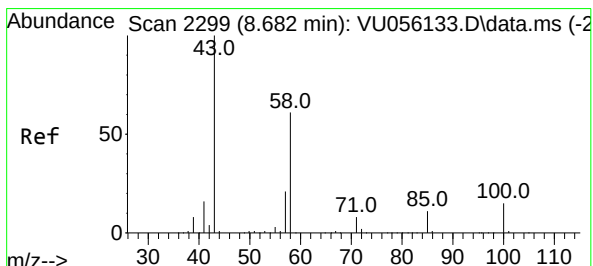
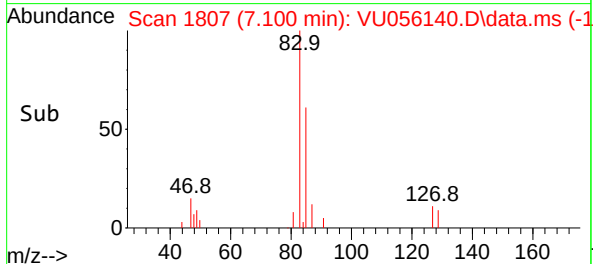
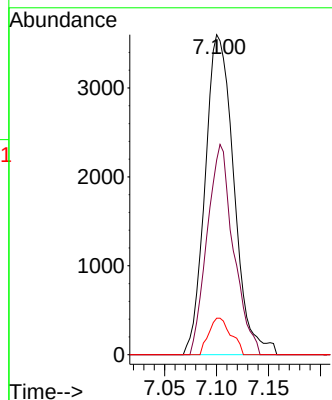
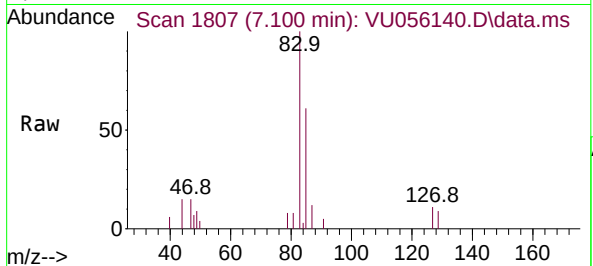




#38
Bromodichloromethane
Concen: 0.201 ug/L
RT: 7.100 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU056140.D
Acq: 09 Nov 2023 15:12

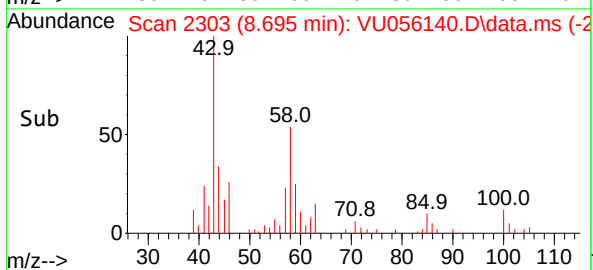
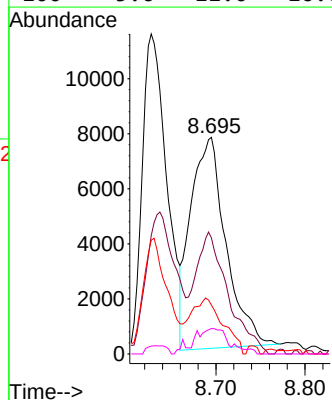
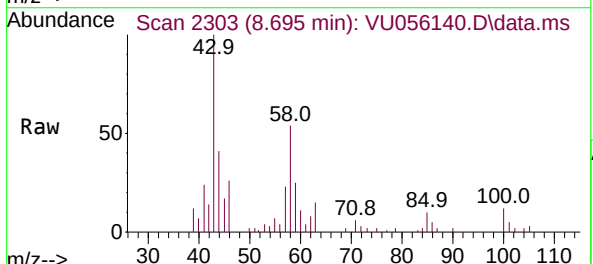
Instrument :
MSVOA_U
ClientSampleId :

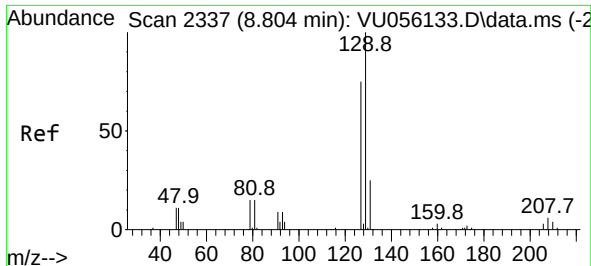
Tgt Ion: 83 Resp: 6928
Ion Ratio Lower Upper
83 100
85 60.8 46.6 86.6
127 11.4 7.3 10.9#



#48
2-Hexanone
Concen: 2.407 ug/L
RT: 8.695 min Scan# 2303
Delta R.T. 0.013 min
Lab File: VU056140.D
Acq: 09 Nov 2023 15:12

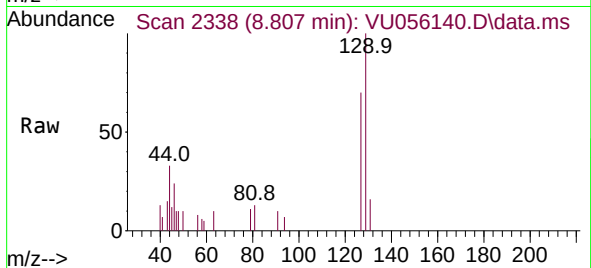
Tgt Ion: 43 Resp: 21195
Ion Ratio Lower Upper
43 100
58 52.0 52.0 78.0#
57 24.1 17.4 26.2
100 5.6 11.0 16.6#



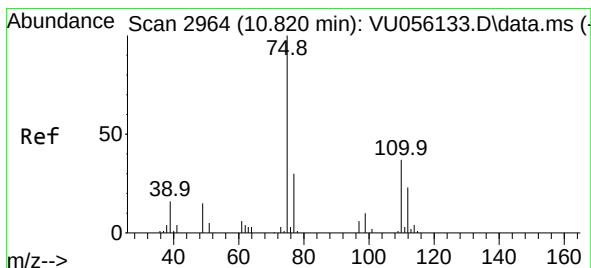
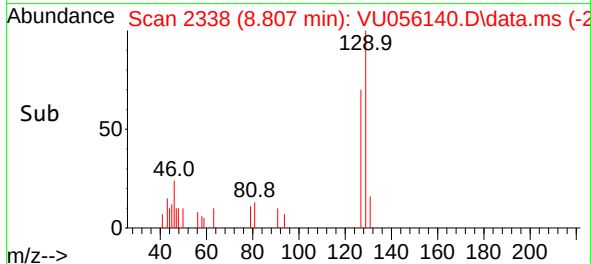
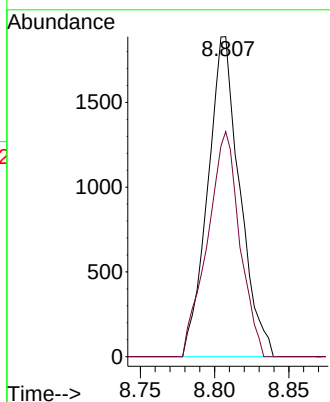


#49
 Dibromochloromethane
 Concen: 0.130 ug/L
 RT: 8.807 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU056140.D
 Acq: 09 Nov 2023 15:12

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:129 Resp: 2830
 Ion Ratio Lower Upper
 129 100
 127 70.3 55.4 102.8



#61
 1,2,3-Trichloropropane
 Concen: 1.334 ug/L
 RT: 11.807 min Scan# 3271
 Delta R.T. 0.987 min
 Lab File: VU056140.D
 Acq: 09 Nov 2023 15:12

Tgt Ion: 75 Resp: 18333
 Ion Ratio Lower Upper
 75 100
 110 2.4 29.7 44.5#
 77 32.8 25.5 38.3

