

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110123\
 Data File : VU056044.D
 Acq On : 01 Nov 2023 17:06
 Operator : MD/SY
 Sample : 05113-04DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

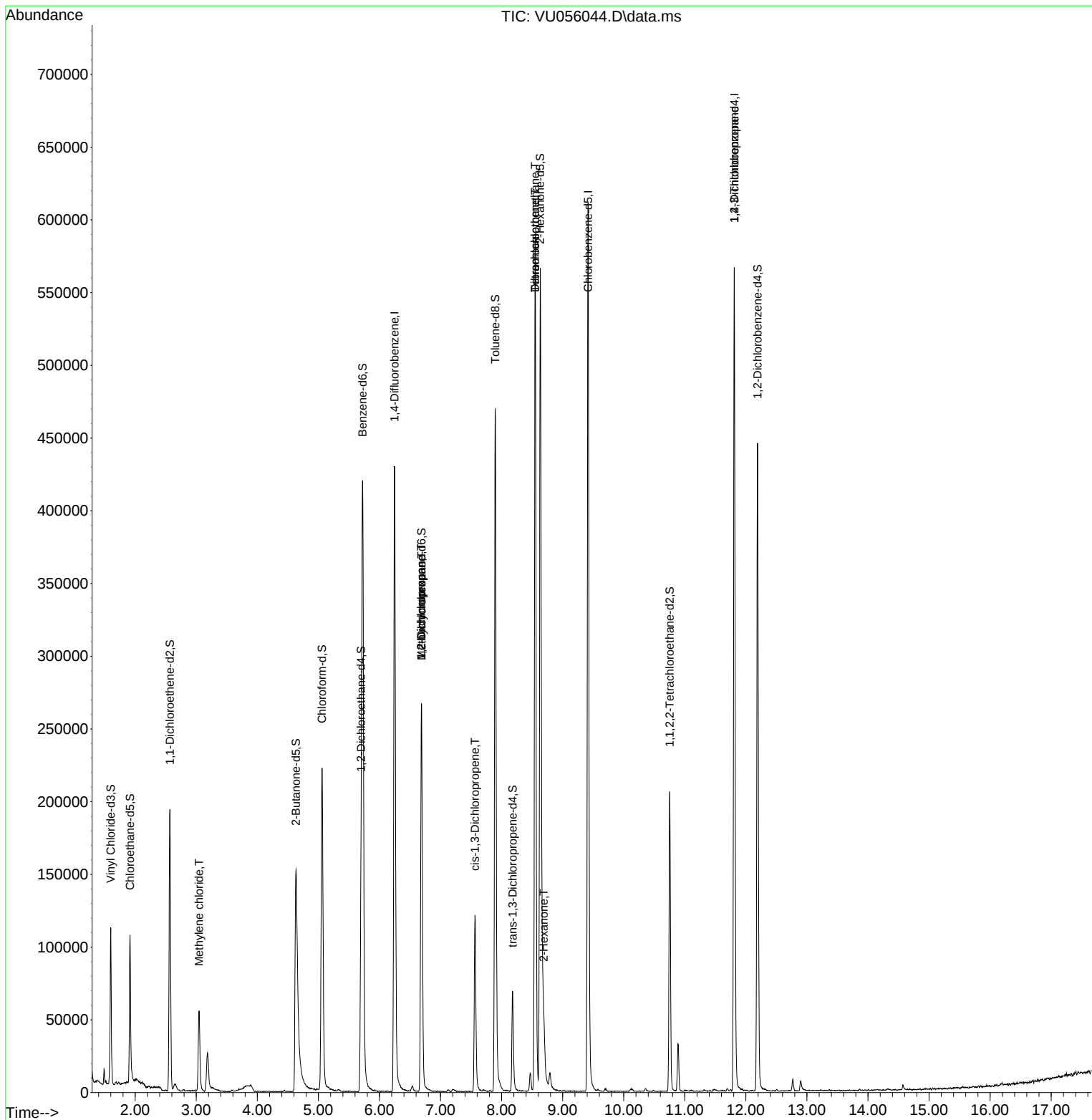
Quant Time: Nov 02 02:10:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 02 02:08:05 2023
 Response via : Initial Calibration

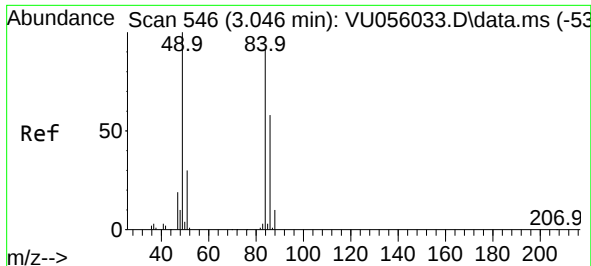
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	369055	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	372146	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	161125	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	78916	2.703	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.000%
7) Chloroethane-d5	1.914	69	77988	3.427	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.600%
11) 1,1-Dichloroethene-d2	2.567	65	37418	3.019	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.400%
20) 2-Butanone-d5	4.631	46	261593	50.227	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.460%
24) Chloroform-d	5.058	84	217301	4.017	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
26) 1,2-Dichloroethane-d4	5.698	65	106794	4.052	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
32) Benzene-d6	5.724	84	421567	3.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
36) 1,2-Dichloropropane-d6	6.689	67	134701	4.099	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.000%
41) Toluene-d8	7.894	98	340300	3.384	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.600%#
43) trans-1,3-Dichloroprop...	8.181	79	44540	3.465	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.400%
46) 2-Hexanone-d5	8.631	63	201217	61.673	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.340%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	104884	4.383	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	125065	4.160	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.200%
Target Compounds						
16) Methylene chloride	3.046	84	29000	1.431	ug/L	93
35) Methylcyclohexane	6.689	83	32292	1.041	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	14239	0.653	ug/L #	90
39) cis-1,3-Dichloropropene	7.563	75	3611	0.116	ug/L #	42
47) Tetrachloroethene	8.550	164	136322	8.473	ug/L	98
48) 2-Hexanone	8.689	43	21611	2.615	ug/L #	91
49) Dibromochloromethane	8.550	129	132954	7.899	ug/L #	11
61) 1,2,3-Trichloropropane	11.811	75	18670	1.688	ug/L #	66

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

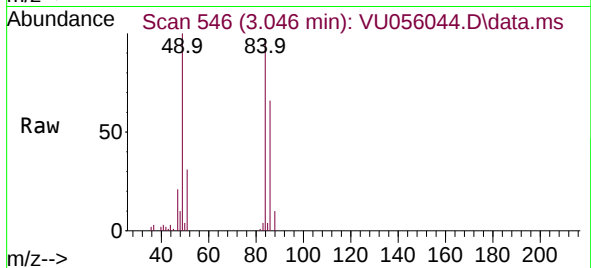
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 02 02:08:05 2023
Response via : Initial Calibration



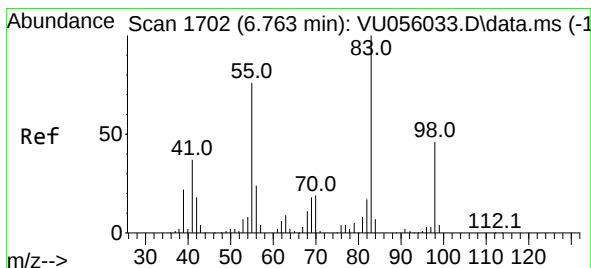
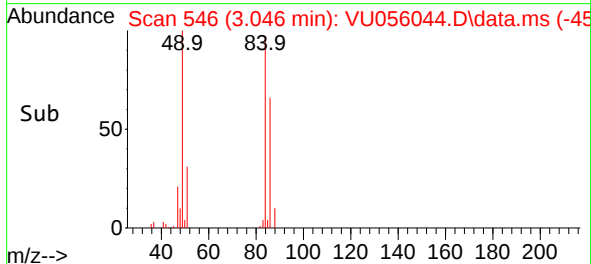
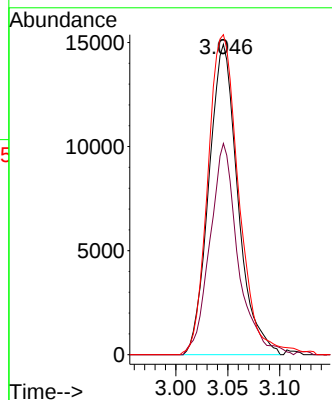


#16
Methylene chloride
Concen: 1.431 ug/L
RT: 3.046 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU056044.D
Acq: 01 Nov 2023 17:06

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MSVOA_U
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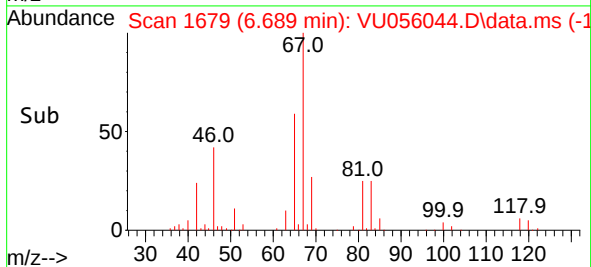
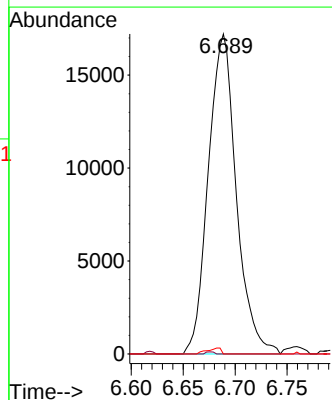
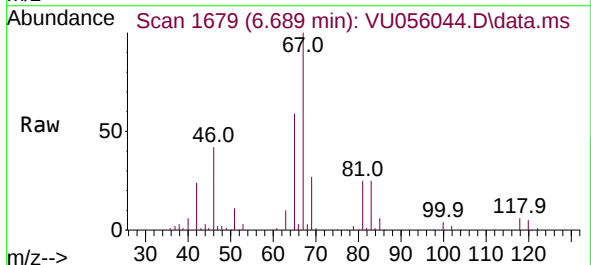


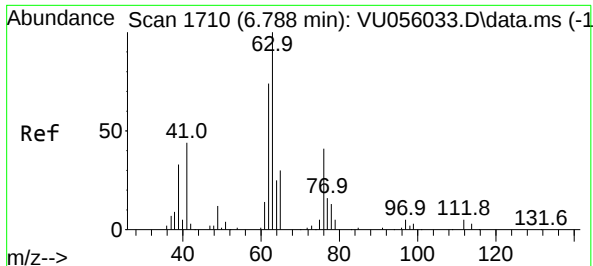
Tgt Ion: 84 Resp: 29000
Ion Ratio Lower Upper
84 100
86 68.0 45.2 84.0
49 103.1 78.8 146.3



#35
Methylcyclohexane
Concen: 1.041 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU056044.D
Acq: 01 Nov 2023 17:06

Tgt Ion: 83 Resp: 32292
Ion Ratio Lower Upper
83 100
55 0.2 62.4 93.6#
98 0.9 37.4 56.2#

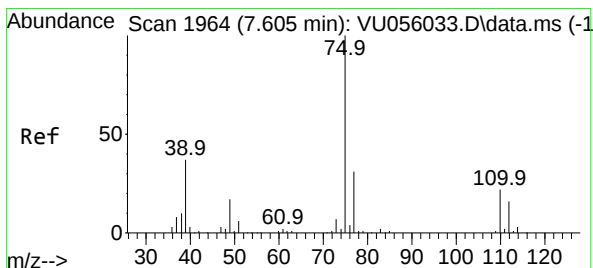
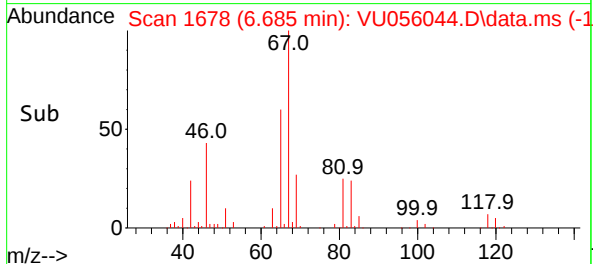
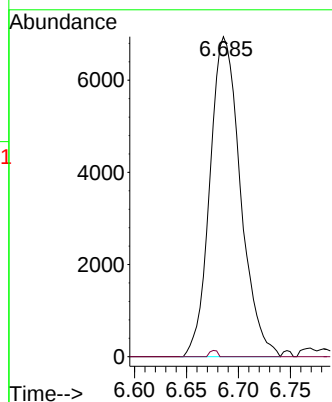
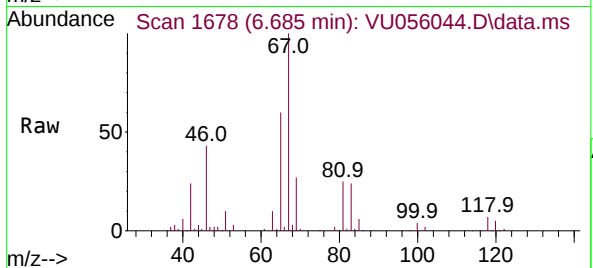




#37
1,2-Dichloropropane
Concen: 0.653 ug/L
RT: 6.685 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU056044.D
Acq: 01 Nov 2023 17:06

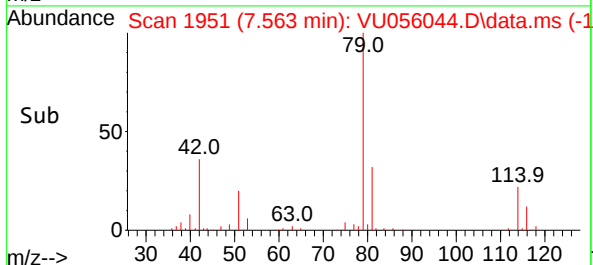
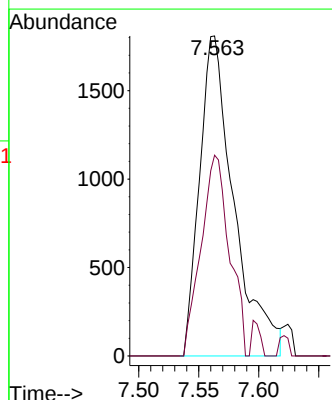
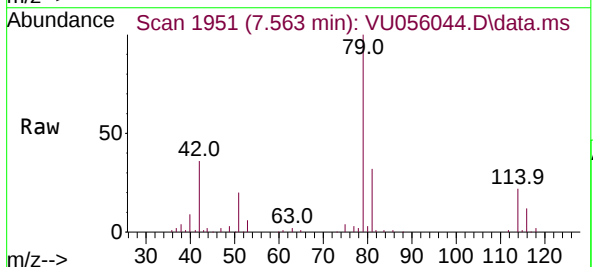
Instrument :
MSVOA_U
ClientSampleId :

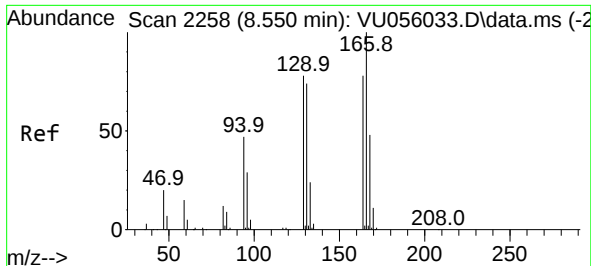
Tgt Ion: 63 Resp: 14239
Ion Ratio Lower Upper
63 100
112 0.5 3.1 4.7#



#39
cis-1,3-Dichloropropene
Concen: 0.116 ug/L
RT: 7.563 min Scan# 1951
Delta R.T. -0.042 min
Lab File: VU056044.D
Acq: 01 Nov 2023 17:06

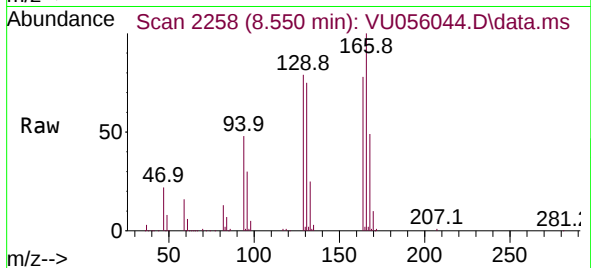
Tgt Ion: 75 Resp: 3611
Ion Ratio Lower Upper
75 100
77 62.7 21.7 40.3#



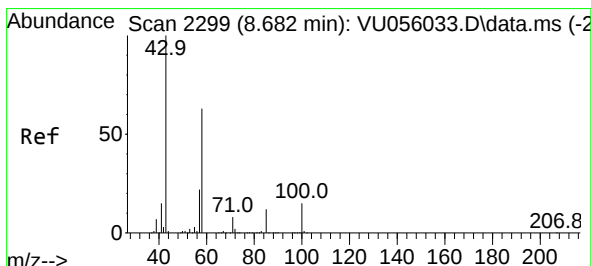
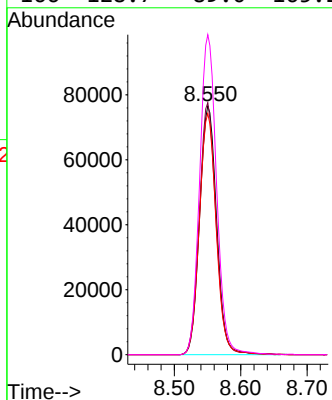
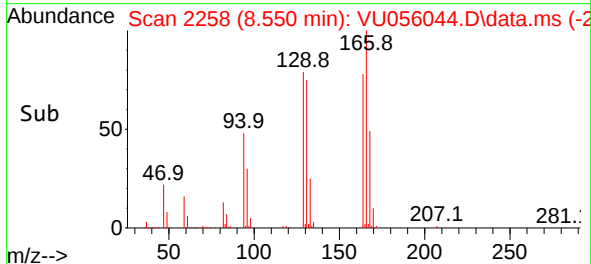


#47
Tetrachloroethene
Concen: 8.473 ug/L
RT: 8.550 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056044.D
Acq: 01 Nov 2023 17:06

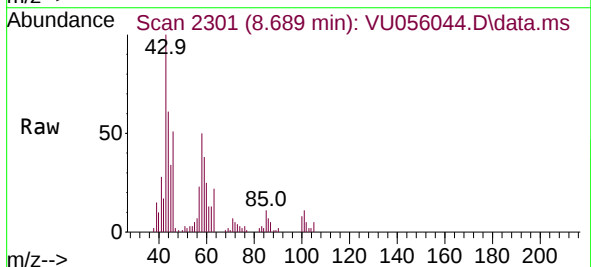
Instrument :
MSVOA_U
ClientSampleId :



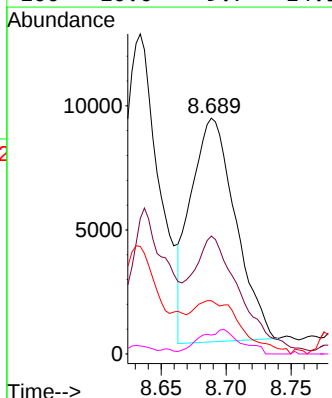
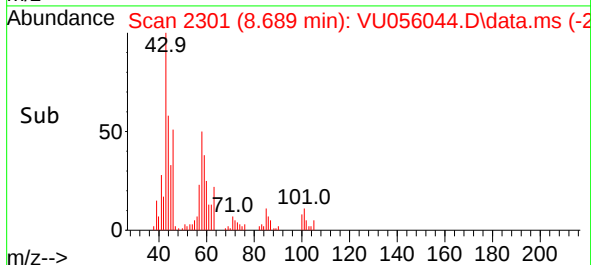
Tgt Ion:164 Resp: 136322
Ion Ratio Lower Upper
164 100
129 101.3 72.2 134.0
131 96.9 70.8 131.6
166 128.7 89.0 165.2

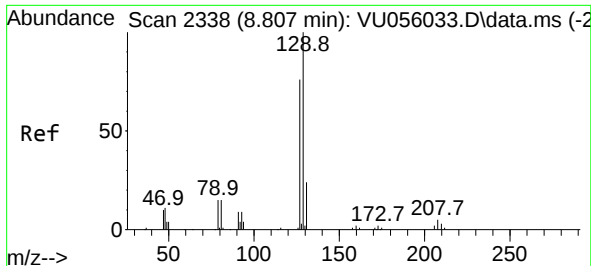


#48
2-Hexanone
Concen: 2.615 ug/L
RT: 8.689 min Scan# 2301
Delta R.T. 0.006 min
Lab File: VU056044.D
Acq: 01 Nov 2023 17:06



Tgt Ion: 43 Resp: 21611
Ion Ratio Lower Upper
43 100
58 55.2 49.5 74.3
57 25.8 16.9 25.3#
100 10.0 9.7 14.5

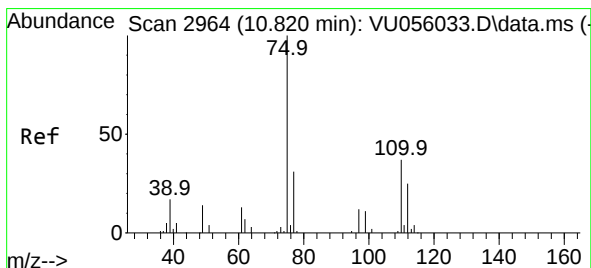
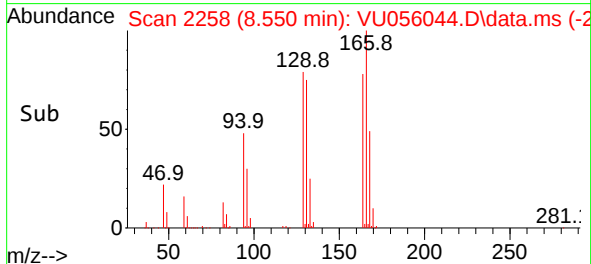
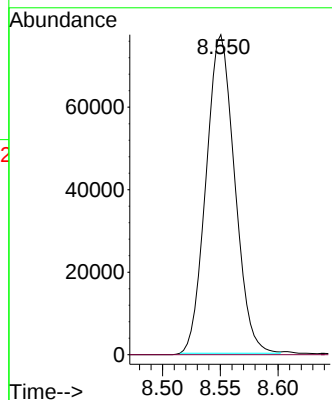
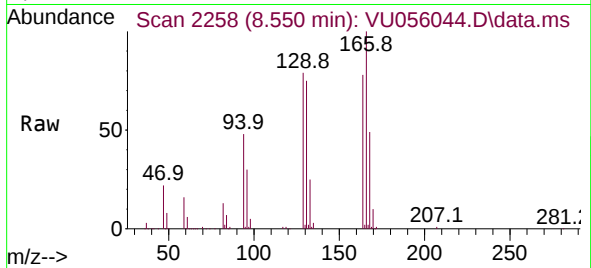




#49
Dibromochloromethane
Concen: 7.899 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU056044.D
Acq: 01 Nov 2023 17:06

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 132954
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#



#61
1,2,3-Trichloropropane
Concen: 1.688 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU056044.D
Acq: 01 Nov 2023 17:06

Tgt Ion: 75 Resp: 18670
Ion Ratio Lower Upper
75 100
110 2.1 29.0 43.6#
77 33.1 24.5 36.7

