

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103123\
 Data File : VU056026.D
 Acq On : 31 Oct 2023 20:33
 Operator : MD/SY
 Sample : 05114-17DL 500X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 01 01:13:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 01 01:09:14 2023
 Response via : Initial Calibration

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

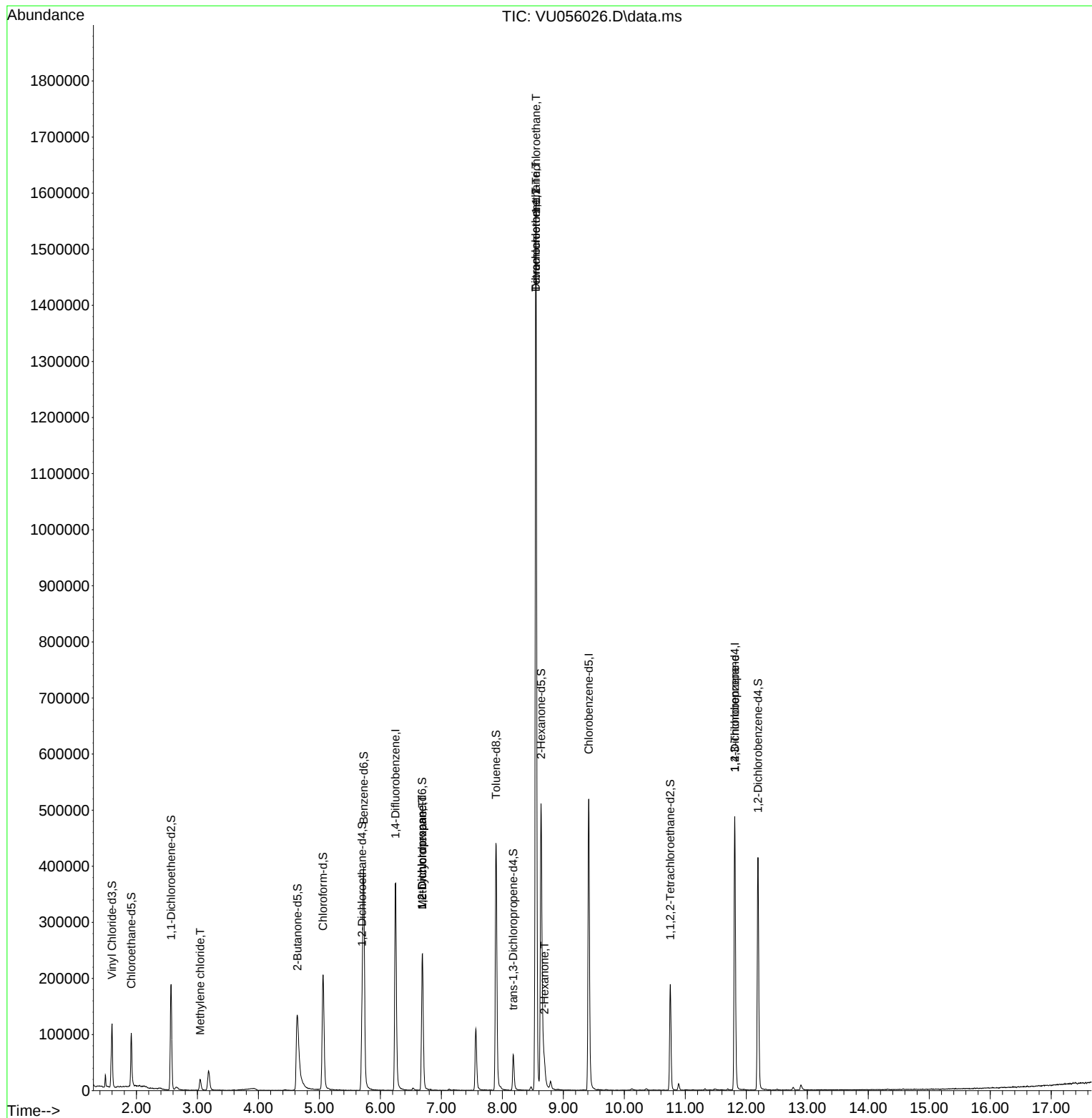
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	316942	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	312192	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	138252	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	79602	3.175	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.400%
7) Chloroethane-d5	1.914	69	75285	3.852	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.000%
11) 1,1-Dichloroethene-d2	2.567	65	36511	3.430	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.600%
20) 2-Butanone-d5	4.637	46	240187	53.700	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.400%
24) Chloroform-d	5.059	84	202146	4.351	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.698	65	99811	4.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.724	84	394064	4.237	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.685	67	127466	4.624	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.894	98	319713	3.790	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.800%
43) trans-1,3-Dichloroprop...	8.177	79	40613	3.767	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.400%
46) 2-Hexanone-d5	8.634	63	186899	68.286	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	136.580%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	96437	4.804	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	115747	4.487	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.043	84	9992	0.574	ug/L	93
35) Methylcyclohexane	6.689	83	30319	1.166	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	12936	0.707	ug/L #	90
45) 1,1,2-Trichloroethane	8.554	97	2875	0.224	ug/L #	1
47) Tetrachloroethene	8.550	164	359260	26.619	ug/L	97
48) 2-Hexanone	8.689	43	22154	3.195	ug/L #	84
49) Dibromochloromethane	8.550	129	360438	25.527	ug/L #	11
61) 1,2,3-Trichloropropane	11.811	75	15700	1.654	ug/L #	67

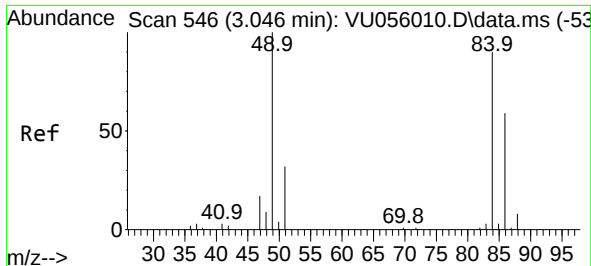
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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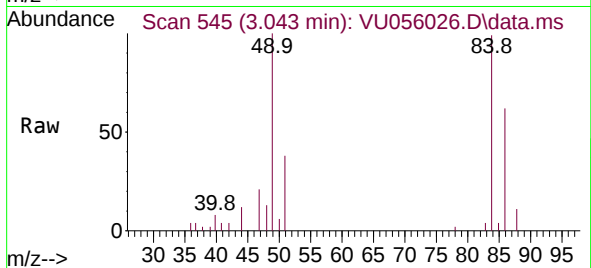
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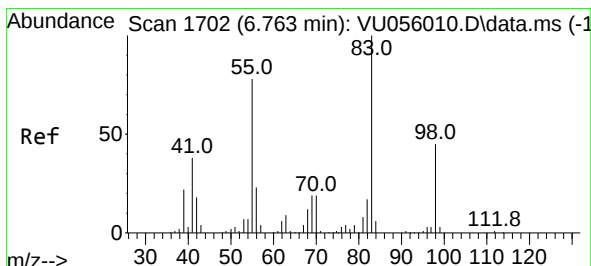
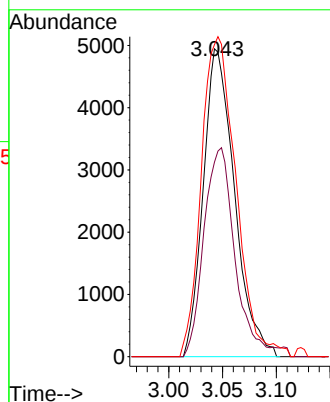
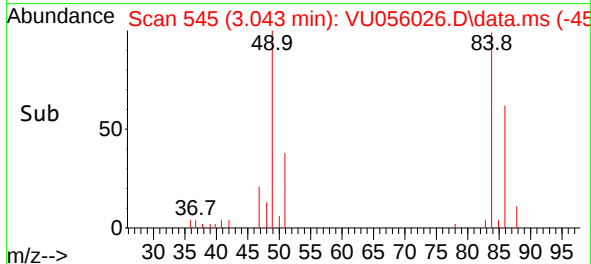


#16
Methylene chloride
Concen: 0.574 ug/L
RT: 3.043 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU056026.D
Acq: 31 Oct 2023 20:33

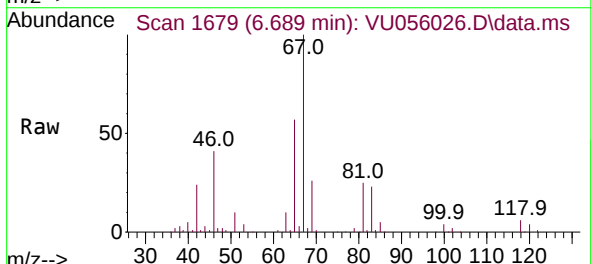
Instrument :
MSVOA_U
ClientSampleId :



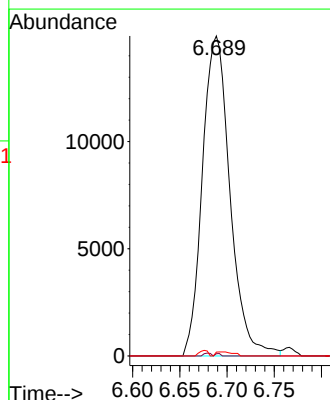
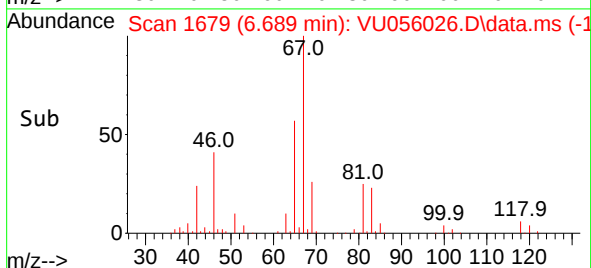
Tgt Ion: 84 Resp: 9992
Ion Ratio Lower Upper
84 100
86 63.2 45.2 84.0
49 101.4 78.8 146.3

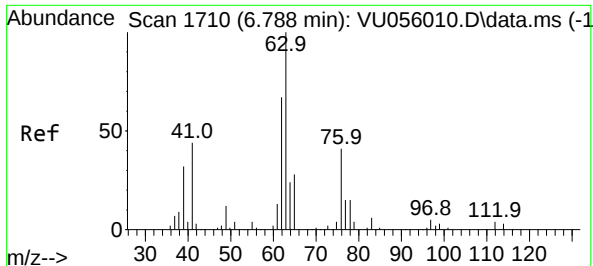


#35
Methylcyclohexane
Concen: 1.166 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU056026.D
Acq: 31 Oct 2023 20:33



Tgt Ion: 83 Resp: 30319
Ion Ratio Lower Upper
83 100
55 0.1 62.4 93.6#
98 0.8 37.4 56.2#

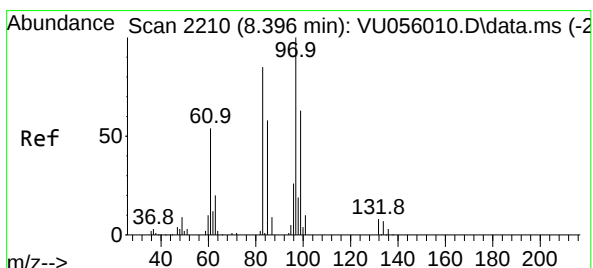
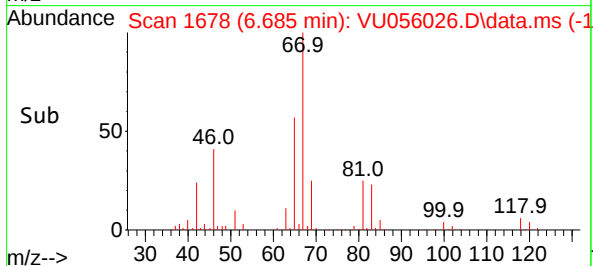
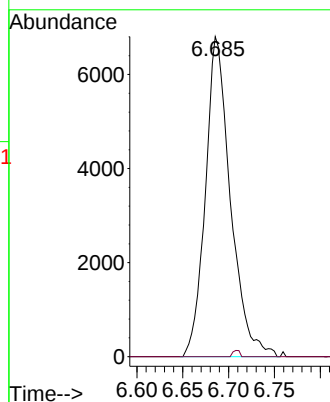
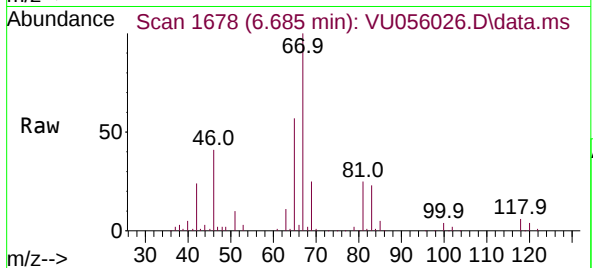




#37
1,2-Dichloropropane
Concen: 0.707 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU056026.D
Acq: 31 Oct 2023 20:33

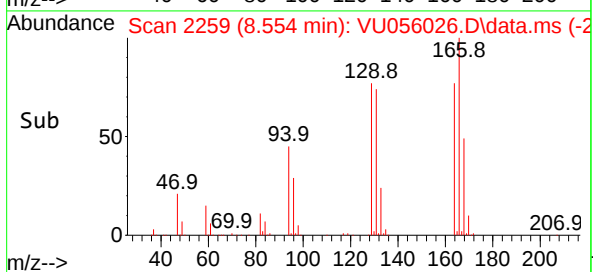
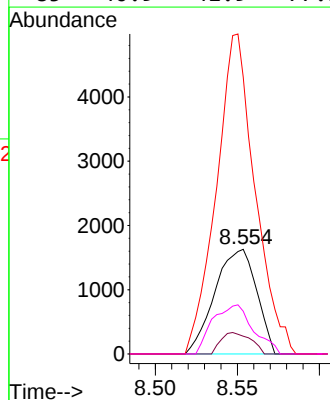
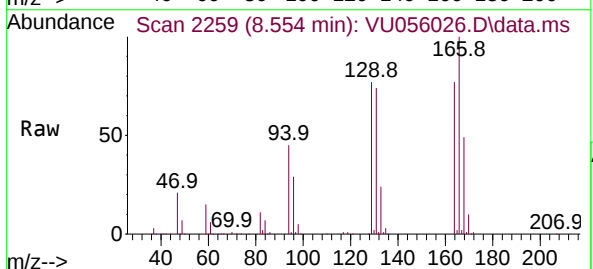
Instrument :
MSVOA_U
ClientSampleId :

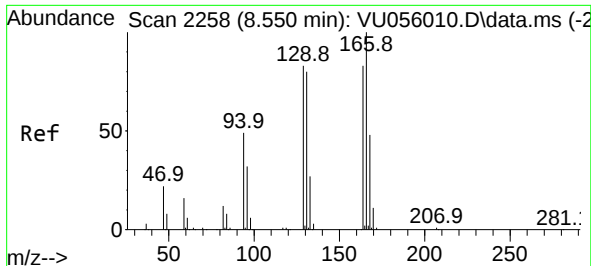
Tgt Ion: 63 Resp: 12936
Ion Ratio Lower Upper
63 100
112 0.5 3.1 4.7#



#45
1,1,2-Trichloroethane
Concen: 0.224 ug/L
RT: 8.554 min Scan# 2259
Delta R.T. 0.158 min
Lab File: VU056026.D
Acq: 31 Oct 2023 20:33

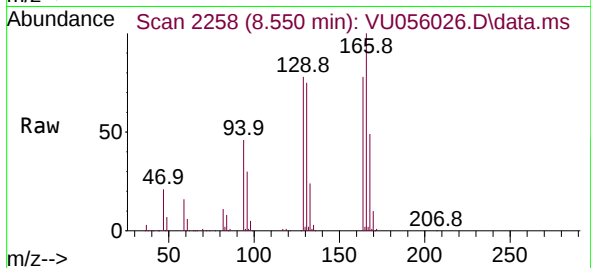
Tgt Ion: 97 Resp: 2875
Ion Ratio Lower Upper
97 100
99 17.0 45.3 84.1#
83 264.3 61.9 115.1#
85 40.9 41.9 77.9#



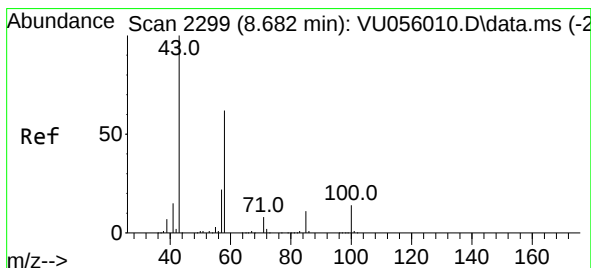
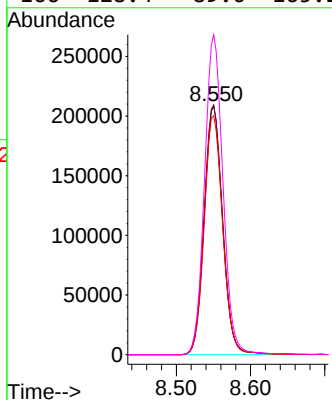
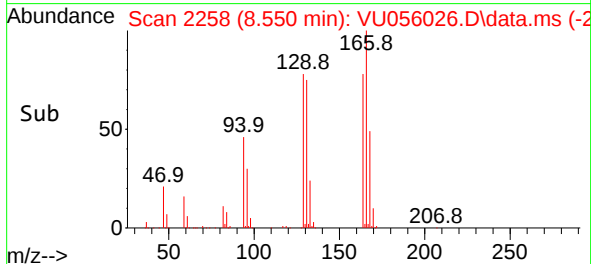


#47
Tetrachloroethene
Concen: 26.619 ug/L
RT: 8.550 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056026.D
Acq: 31 Oct 2023 20:33

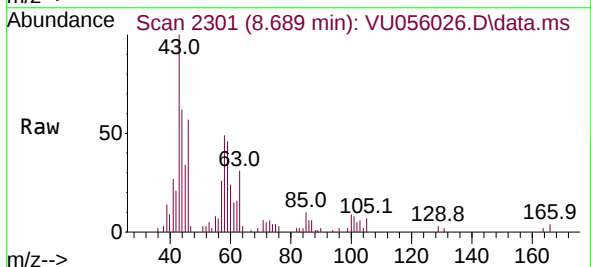
Instrument :
MSVOA_U
ClientSampleId :



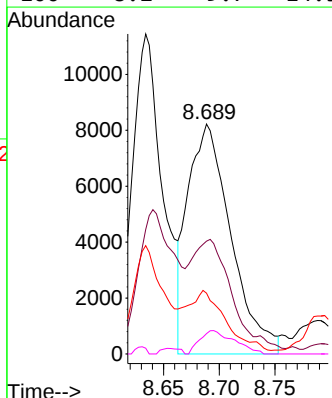
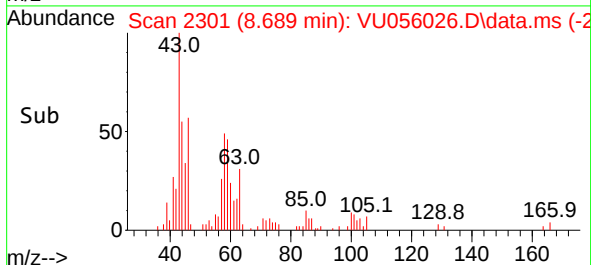
Tgt Ion:164 Resp: 359260
Ion Ratio Lower Upper
164 100
129 100.2 72.2 134.0
131 95.9 70.8 131.6
166 128.4 89.0 165.2

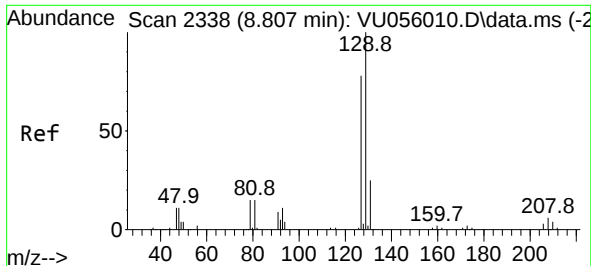


#48
2-Hexanone
Concen: 3.195 ug/L
RT: 8.689 min Scan# 2301
Delta R.T. 0.007 min
Lab File: VU056026.D
Acq: 31 Oct 2023 20:33



Tgt Ion: 43 Resp: 22154
Ion Ratio Lower Upper
43 100
58 44.5 49.5 74.3#
57 21.5 16.9 25.3
100 8.2 9.7 14.5#

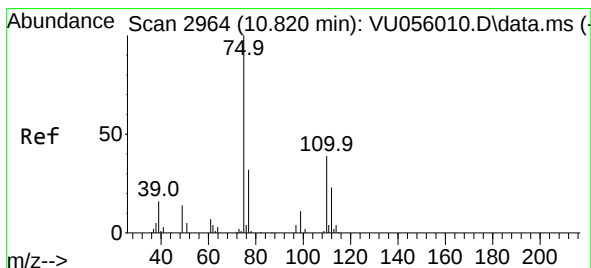
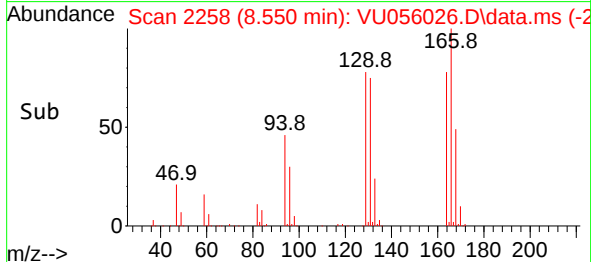
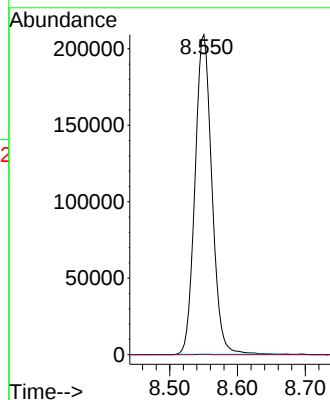
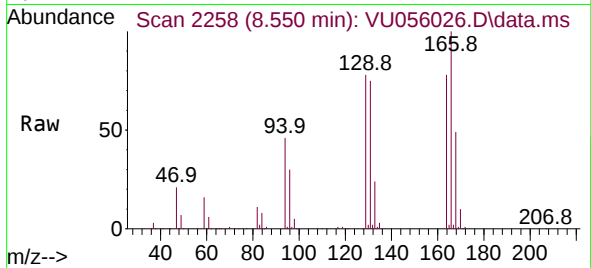




#49
Dibromochloromethane
Concen: 25.527 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU056026.D
Acq: 31 Oct 2023 20:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 360438
Ion Ratio Lower Upper
129 100
127 0.1 53.5 99.5#



#61
1,2,3-Trichloropropane
Concen: 1.654 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU056026.D
Acq: 31 Oct 2023 20:33

Tgt Ion: 75 Resp: 15700
Ion Ratio Lower Upper
75 100
110 2.8 29.0 43.6#
77 32.9 24.5 36.7

