

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103123\
 Data File : VU056022.D
 Acq On : 31 Oct 2023 18:56
 Operator : MD/SY
 Sample : 05114-01DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 01 01:12:27 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)

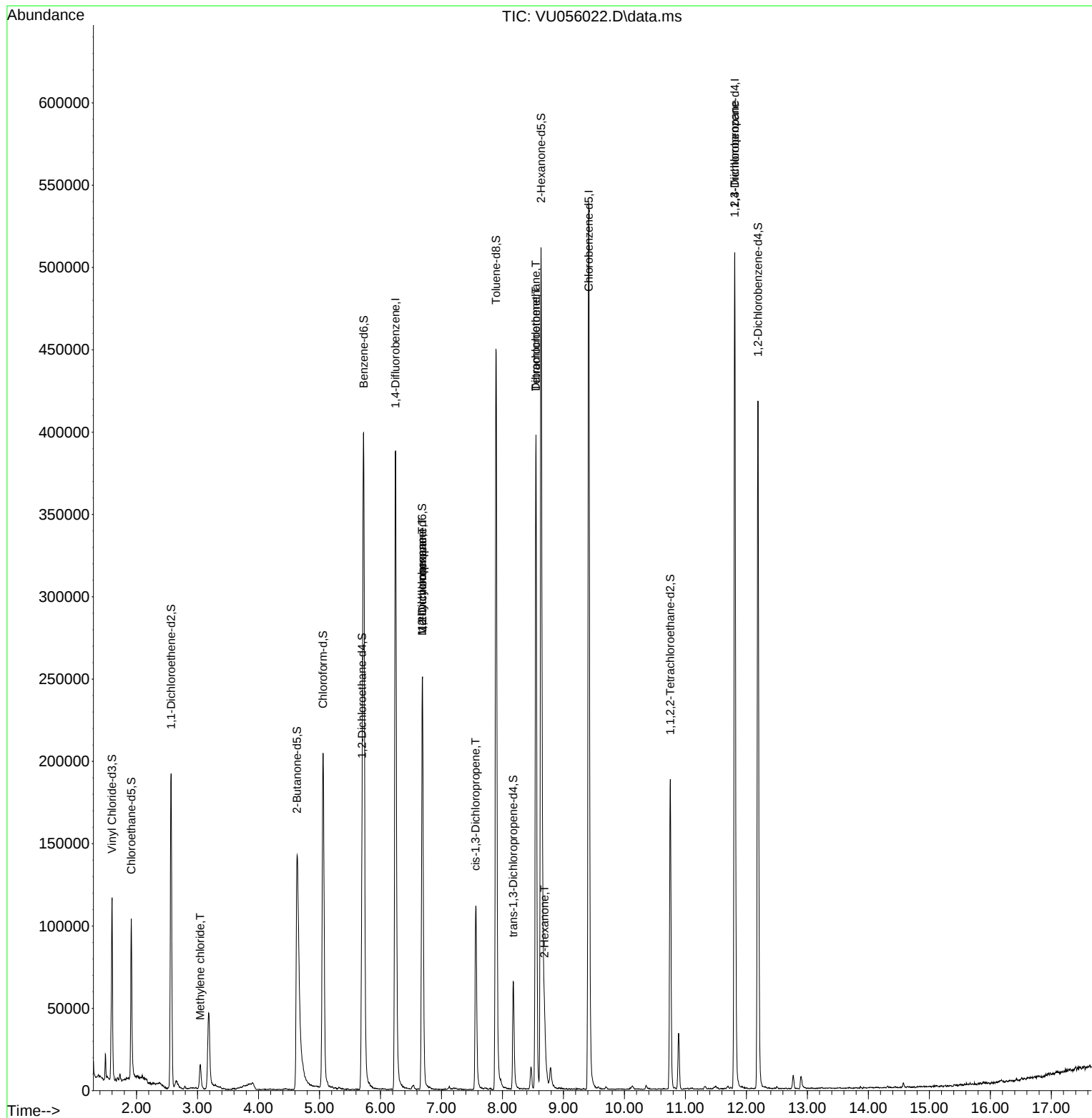
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	337551	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	330239	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	143072	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	79398	2.973	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.400%
7) Chloroethane-d5	1.914	69	75995	3.651	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.000%
11) 1,1-Dichloroethene-d2	2.567	65	36886	3.254	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.000%
20) 2-Butanone-d5	4.631	46	245502	51.537	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.080%
24) Chloroform-d	5.058	84	202868	4.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
26) 1,2-Dichloroethane-d4	5.698	65	101171	4.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
32) Benzene-d6	5.724	84	396978	4.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
36) 1,2-Dichloropropane-d6	6.685	67	127714	4.380	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.894	98	325726	3.650	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.000%
43) trans-1,3-Dichloroprop...	8.177	79	42219	3.702	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.000%
46) 2-Hexanone-d5	8.634	63	184621	63.767	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.540%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	98296	4.629	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	116289	4.356	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.046	84	8087	0.436	ug/L	91
35) Methylcyclohexane	6.685	83	31735	1.153	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	13392	0.692	ug/L #	89
39) cis-1,3-Dichloropropene	7.560	75	3089	0.112	ug/L #	57
47) Tetrachloroethene	8.550	164	89879	6.296	ug/L	96
48) 2-Hexanone	8.689	43	20418	2.784	ug/L #	82
49) Dibromochloromethane	8.550	129	87277	5.843	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	17394	1.771	ug/L #	67

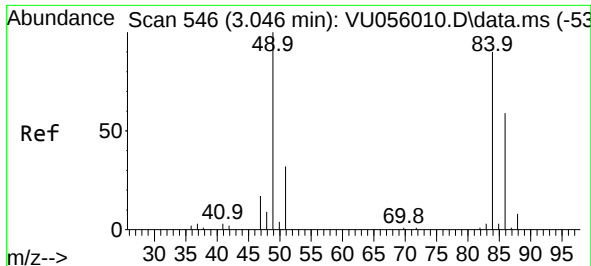
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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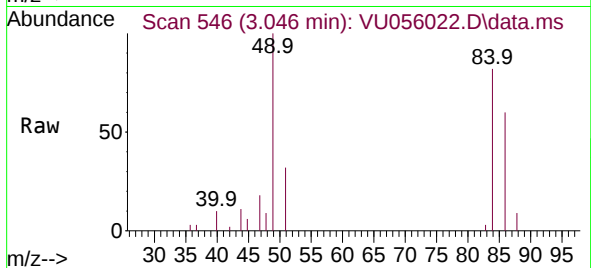
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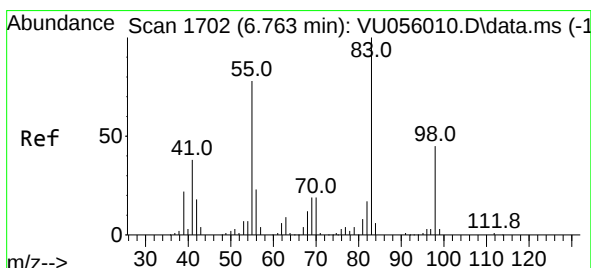
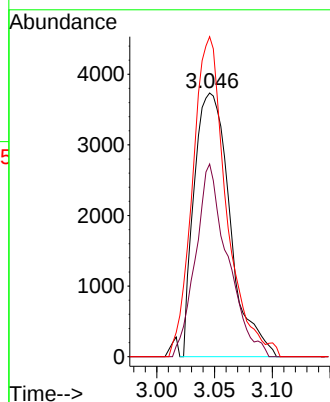
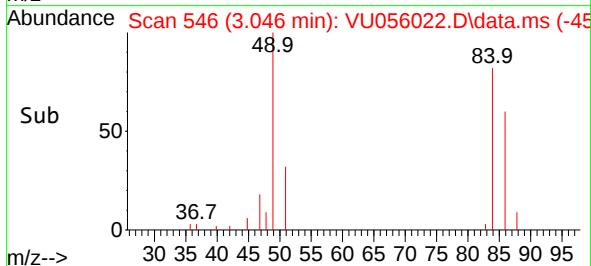


#16
Methylene chloride
Concen: 0.436 ug/L
RT: 3.046 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU056022.D
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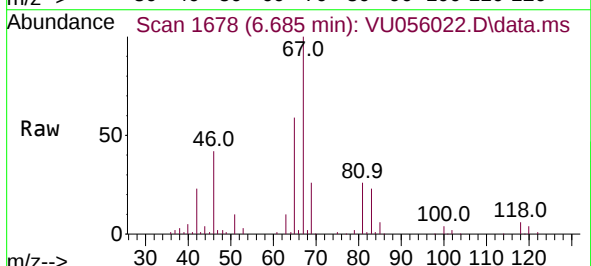
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MSVOA_U
ClientSampleId :



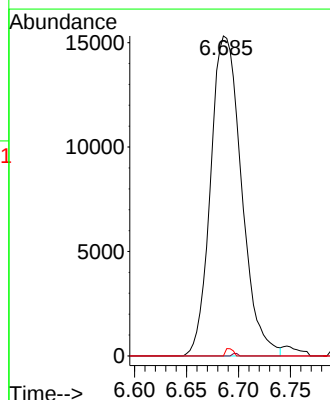
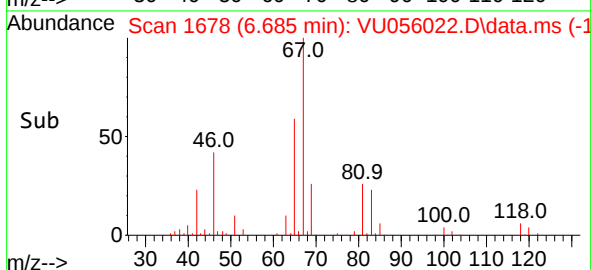
Tgt Ion: 84 Resp: 8087
Ion Ratio Lower Upper
84 100
86 73.0 45.2 84.0
49 121.3 78.8 146.3

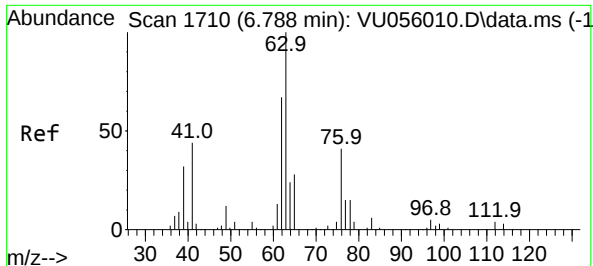


#35
Methylcyclohexane
Concen: 1.153 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.077 min
Lab File: VU056022.D
Acq: 31 Oct 2023 18:56



Tgt Ion: 83 Resp: 31735
Ion Ratio Lower Upper
83 100
55 0.1 62.4 93.6#
98 0.6 37.4 56.2#

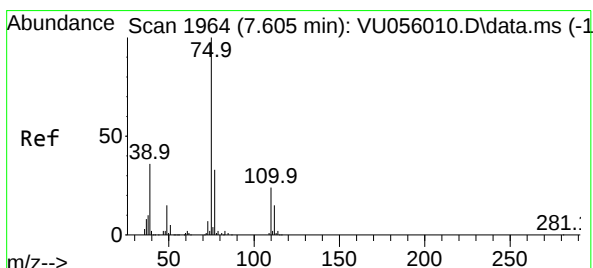
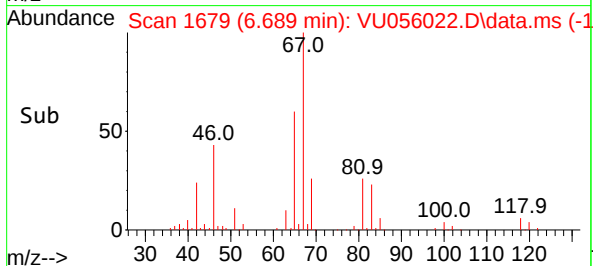
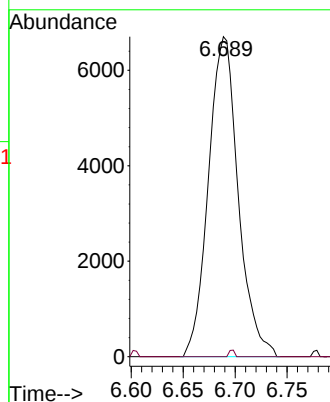
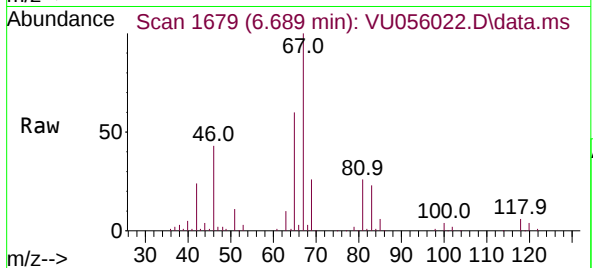




#37
1,2-Dichloropropane
Concen: 0.692 ug/L
RT: 6.689 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU056022.D
Acq: 31 Oct 2023 18:56

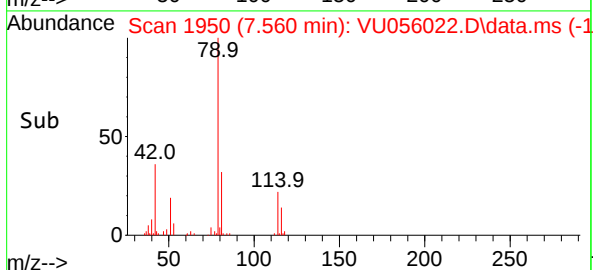
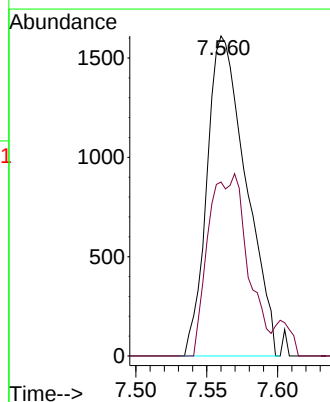
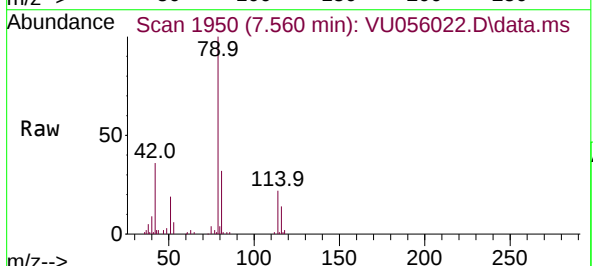
Instrument :
MSVOA_U
ClientSampleId :

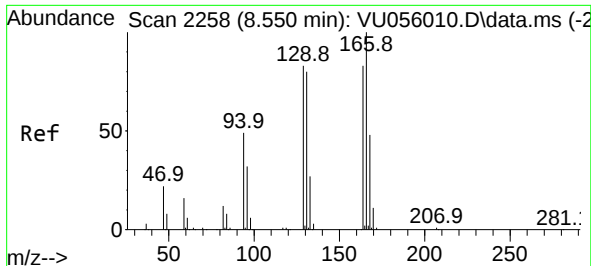
Tgt Ion: 63 Resp: 13392
Ion Ratio Lower Upper
63 100
112 0.4 3.1 4.7#



#39
cis-1,3-Dichloropropene
Concen: 0.112 ug/L
RT: 7.560 min Scan# 1950
Delta R.T. -0.045 min
Lab File: VU056022.D
Acq: 31 Oct 2023 18:56

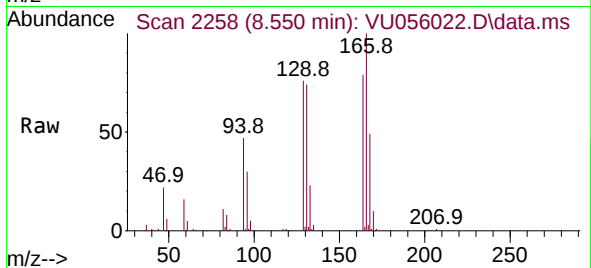
Tgt Ion: 75 Resp: 3089
Ion Ratio Lower Upper
75 100
77 54.4 21.7 40.3#



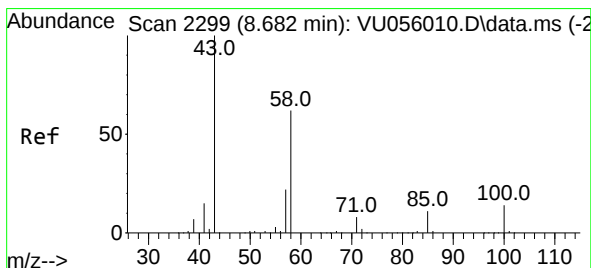
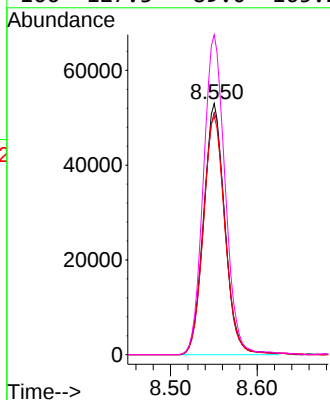
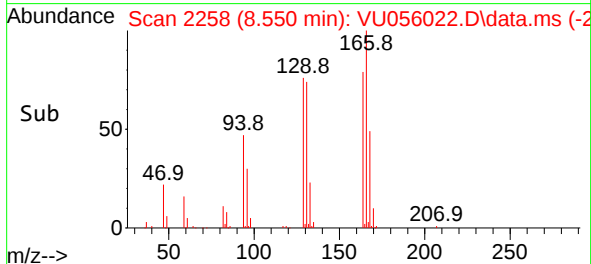


#47
Tetrachloroethene
Concen: 6.296 ug/L
RT: 8.550 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056022.D
Acq: 31 Oct 2023 18:56

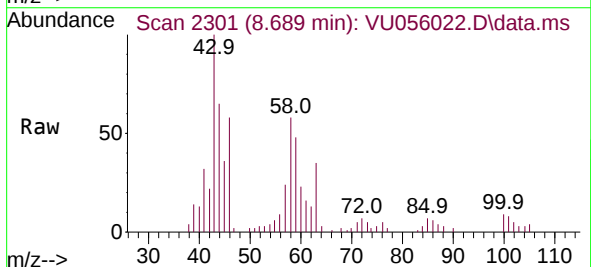
Instrument :
MSVOA_U
ClientSampleId :



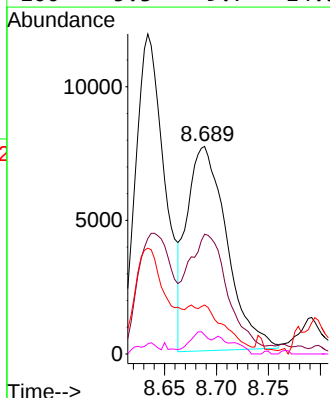
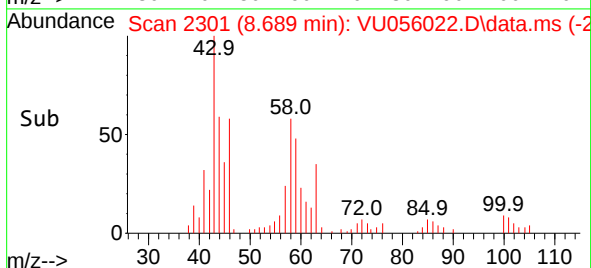
Tgt Ion:164 Resp: 89879
Ion Ratio Lower Upper
164 100
129 96.3 72.2 134.0
131 94.8 70.8 131.6
166 127.3 89.0 165.2

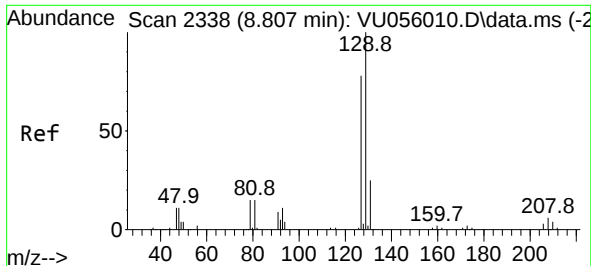


#48
2-Hexanone
Concen: 2.784 ug/L
RT: 8.689 min Scan# 2301
Delta R.T. 0.007 min
Lab File: VU056022.D
Acq: 31 Oct 2023 18:56



Tgt Ion: 43 Resp: 20418
Ion Ratio Lower Upper
43 100
58 55.1 49.5 74.3
57 0.0 16.9 25.3#
100 5.3 9.7 14.5#

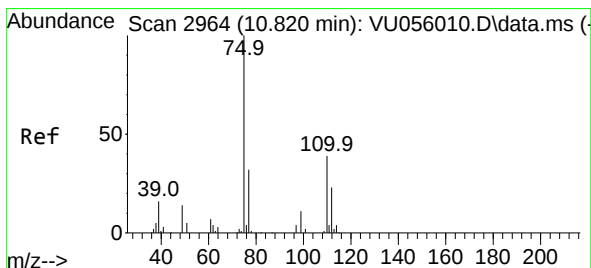
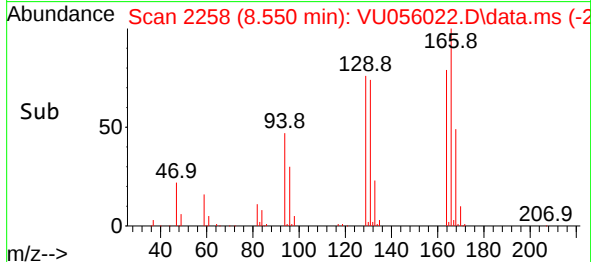
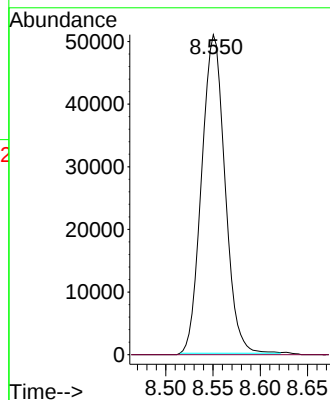
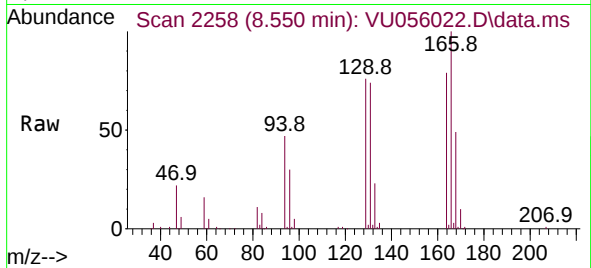




#49
Dibromochloromethane
Concen: 5.843 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU056022.D
Acq: 31 Oct 2023 18:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 87277
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#



#61
1,2,3-Trichloropropane
Concen: 1.771 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.987 min
Lab File: VU056022.D
Acq: 31 Oct 2023 18:56

Tgt Ion: 75 Resp: 17394
Ion Ratio Lower Upper
75 100
110 1.7 29.0 43.6#
77 32.1 24.5 36.7

