

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103023\
 Data File : VU056003.D
 Acq On : 30 Oct 2023 17:36
 Operator : MD/SY
 Sample : 05113-11 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 31 05:32:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 31 05:28:08 2023
 Response via : Initial Calibration

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

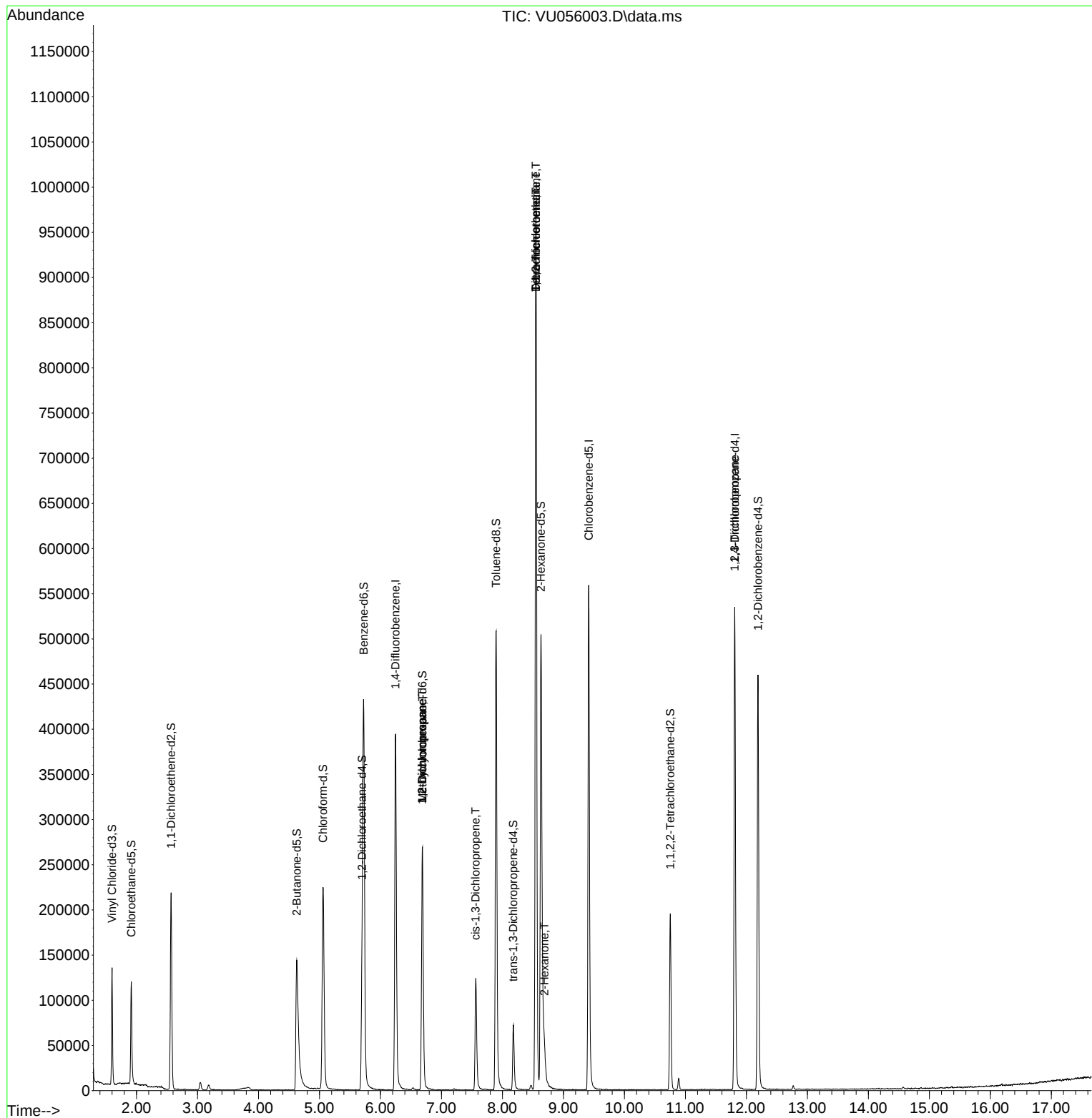
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	340273	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	338561	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	152173	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	93200	3.462	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.200%
7) Chloroethane-d5	1.914	69	87552	4.173	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.566	65	42156	3.689	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.800%
20) 2-Butanone-d5	4.627	46	232664	48.451	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.900%
24) Chloroform-d	5.058	84	223792	4.487	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.698	65	105151	4.327	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
32) Benzene-d6	5.724	84	432761	4.291	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.688	67	138957	4.648	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.894	98	365276	3.993	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
43) trans-1,3-Dichloroprop...	8.177	79	46413	3.969	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.630	63	182425	61.460	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.920%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	101955	4.683	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	131775	4.641	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						Qvalue
35) Methylcyclohexane	6.688	83	32369	1.147	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	13747	0.693	ug/L #	90
39) cis-1,3-Dichloropropene	7.560	75	3596	0.127	ug/L #	64
45) 1,1,2-Trichloroethane	8.547	97	1968	0.141	ug/L #	9
47) Tetrachloroethene	8.550	164	227883	15.570	ug/L	96
48) 2-Hexanone	8.688	43	22815	3.034	ug/L #	77
49) Dibromochloromethane	8.550	129	220652	14.410	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	17439	1.669	ug/L #	66

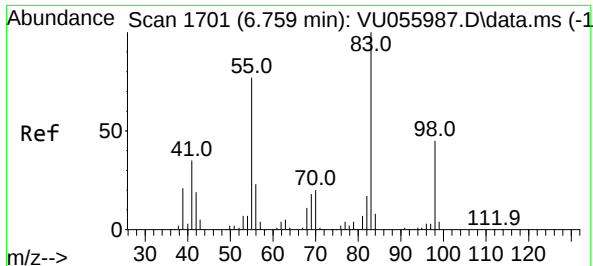
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 1.147 ug/L

RT: 6.688 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU056003.D

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Instrument :

MSVOA_U

ClientSampleId :

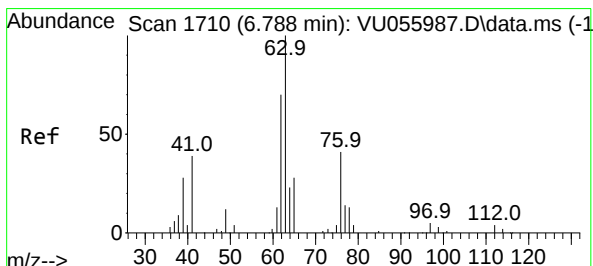
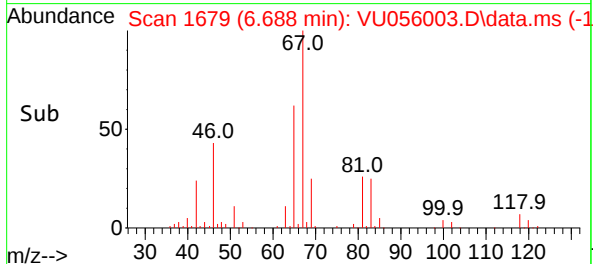
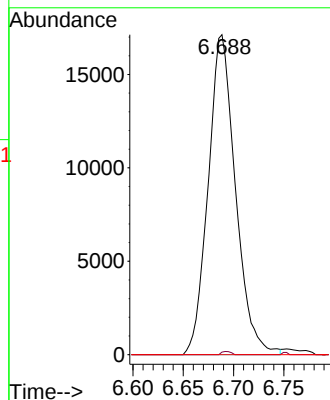
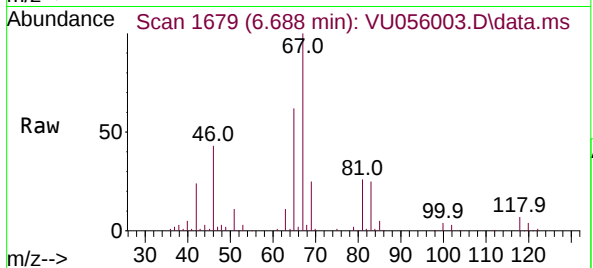
Tgt Ion: 83 Resp: 32369

Ion Ratio Lower Upper

83 100

55 0.3 62.4 93.6#

98 0.1 37.4 56.2#



#37

1,2-Dichloropropane

Concen: 0.693 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.103 min

Lab File: VU056003.D

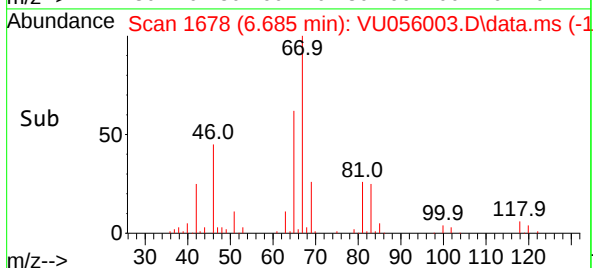
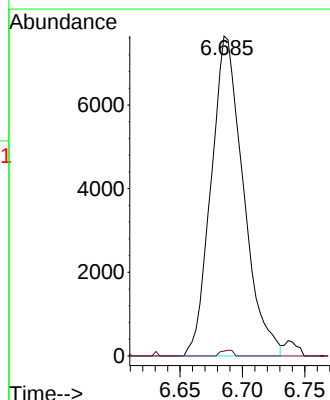
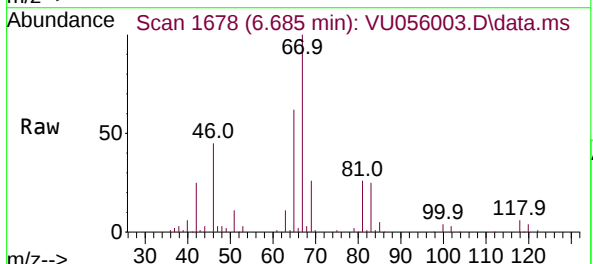
Acq: 30 Oct 2023 17:36

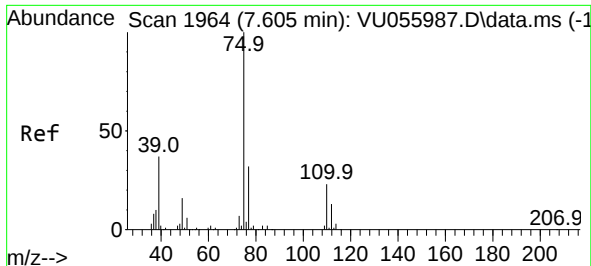
Tgt Ion: 63 Resp: 13747

Ion Ratio Lower Upper

63 100

112 0.7 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.127 ug/L

RT: 7.560 min Scan# 1964

Delta R.T. -0.045 min

Lab File: VU056003.D

Acq: 30 Oct 2023 17:36

Instrument :

MSVOA_U

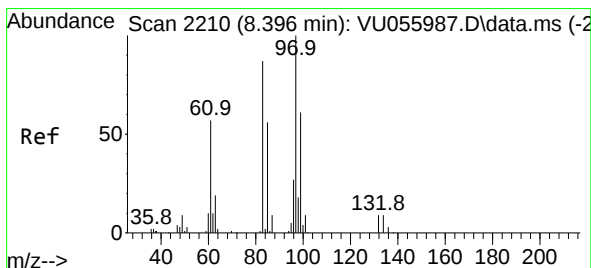
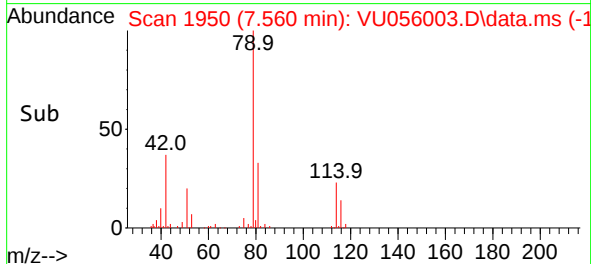
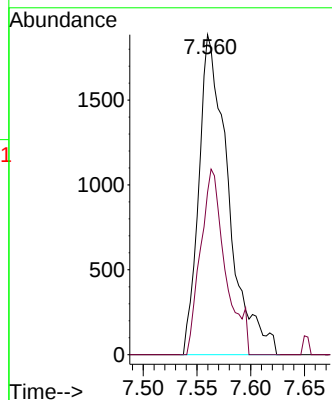
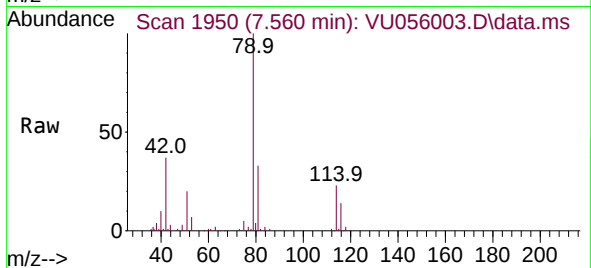
ClientSampleId :

Tgt Ion: 75 Resp: 3596

Ion Ratio Lower Upper

75 100

77 50.7 21.7 40.3#



#45

1,1,2-Trichloroethane

Concen: 0.141 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.151 min

Lab File: VU056003.D

Acq: 30 Oct 2023 17:36

Tgt Ion: 97 Resp: 1968

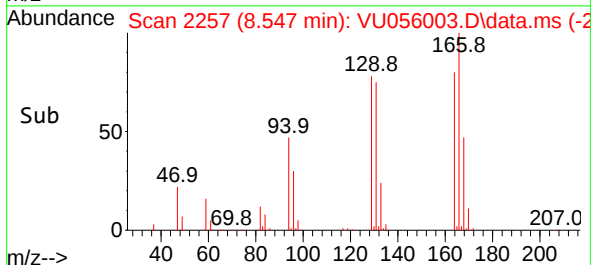
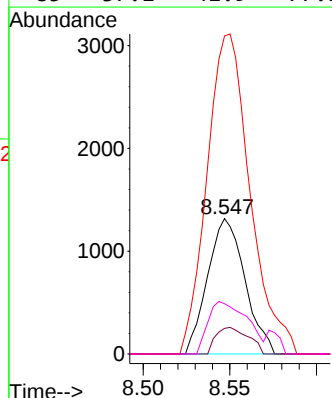
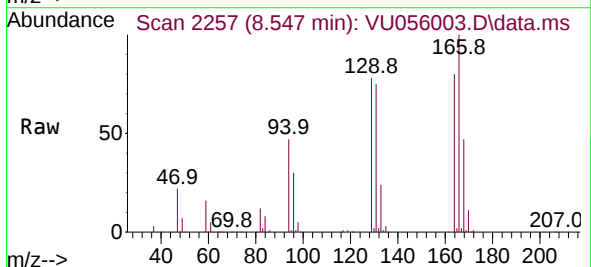
Ion Ratio Lower Upper

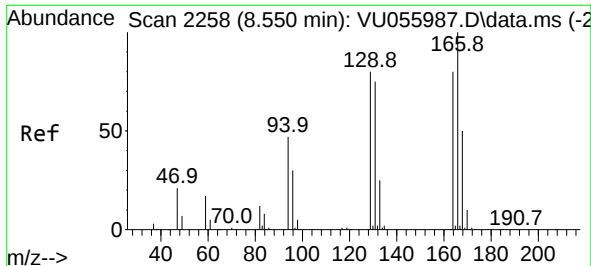
97 100

99 18.9 45.3 84.1#

83 234.9 61.9 115.1#

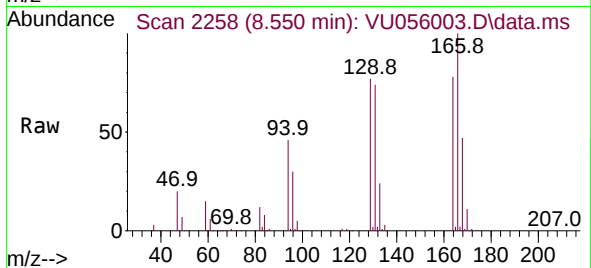
85 37.1 41.9 77.9#



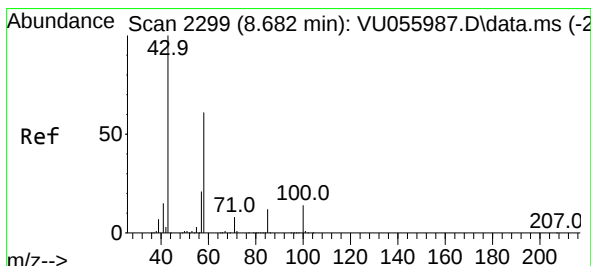
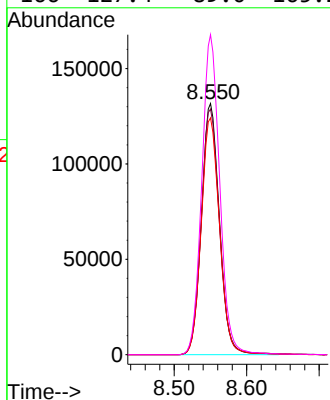
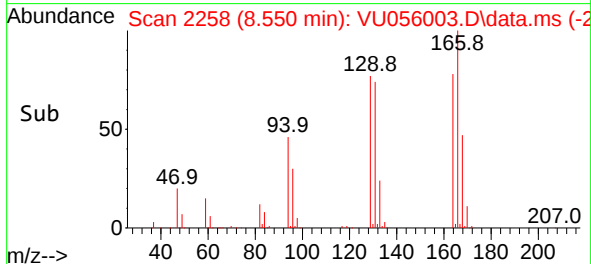


#47
Tetrachloroethene
Concen: 15.570 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056003.D
Acq: 30 Oct 2023 17:36

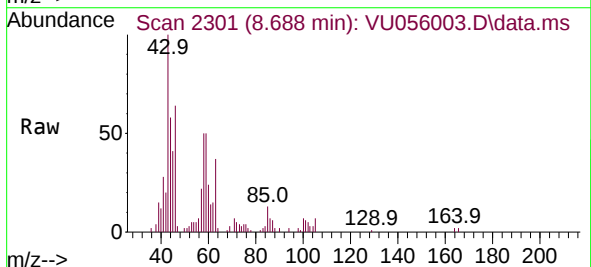
Instrument :
MSVOA_U
ClientSampleId :



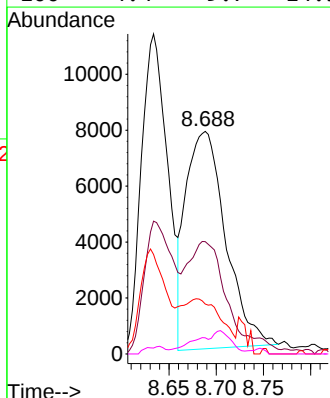
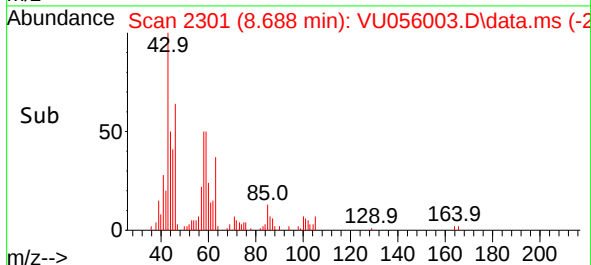
Tgt Ion:164 Resp: 227883
Ion Ratio Lower Upper
164 100
129 97.8 72.2 134.0
131 94.3 70.8 131.6
166 127.4 89.0 165.2

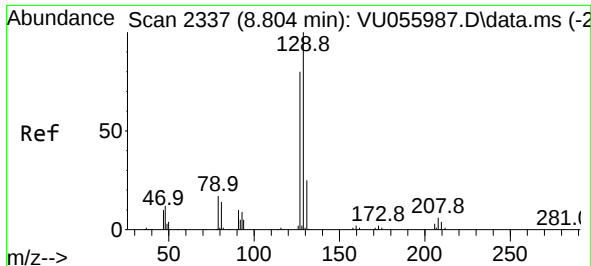


#48
2-Hexanone
Concen: 3.034 ug/L
RT: 8.688 min Scan# 2301
Delta R.T. 0.006 min
Lab File: VU056003.D
Acq: 30 Oct 2023 17:36



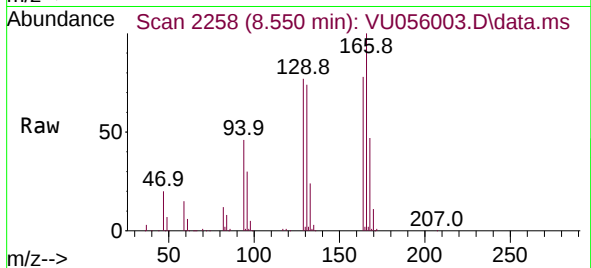
Tgt Ion: 43 Resp: 22815
Ion Ratio Lower Upper
43 100
58 49.5 49.5 74.3#
57 0.0 16.9 25.3#
100 4.4 9.7 14.5#



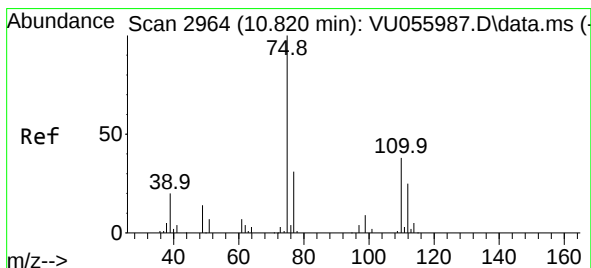
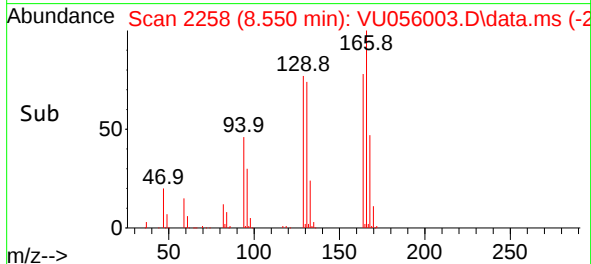
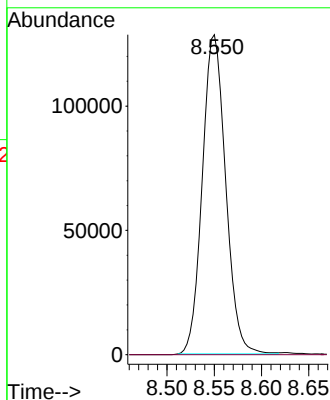


#49
Dibromochloromethane
Concen: 14.410 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU056003.D
Acq: 30 Oct 2023 17:36

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 220652
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#



#61
1,2,3-Trichloropropane
Concen: 1.669 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.987 min
Lab File: VU056003.D
Acq: 30 Oct 2023 17:36

Tgt Ion: 75 Resp: 17439
Ion Ratio Lower Upper
75 100
110 2.9 29.0 43.6#
77 34.3 24.5 36.7

