

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121623\
 Data File : VU056934.D
 Acq On : 16 Dec 2023 18:04
 Operator : MD/SY
 Sample : 05810-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 16 23:48:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

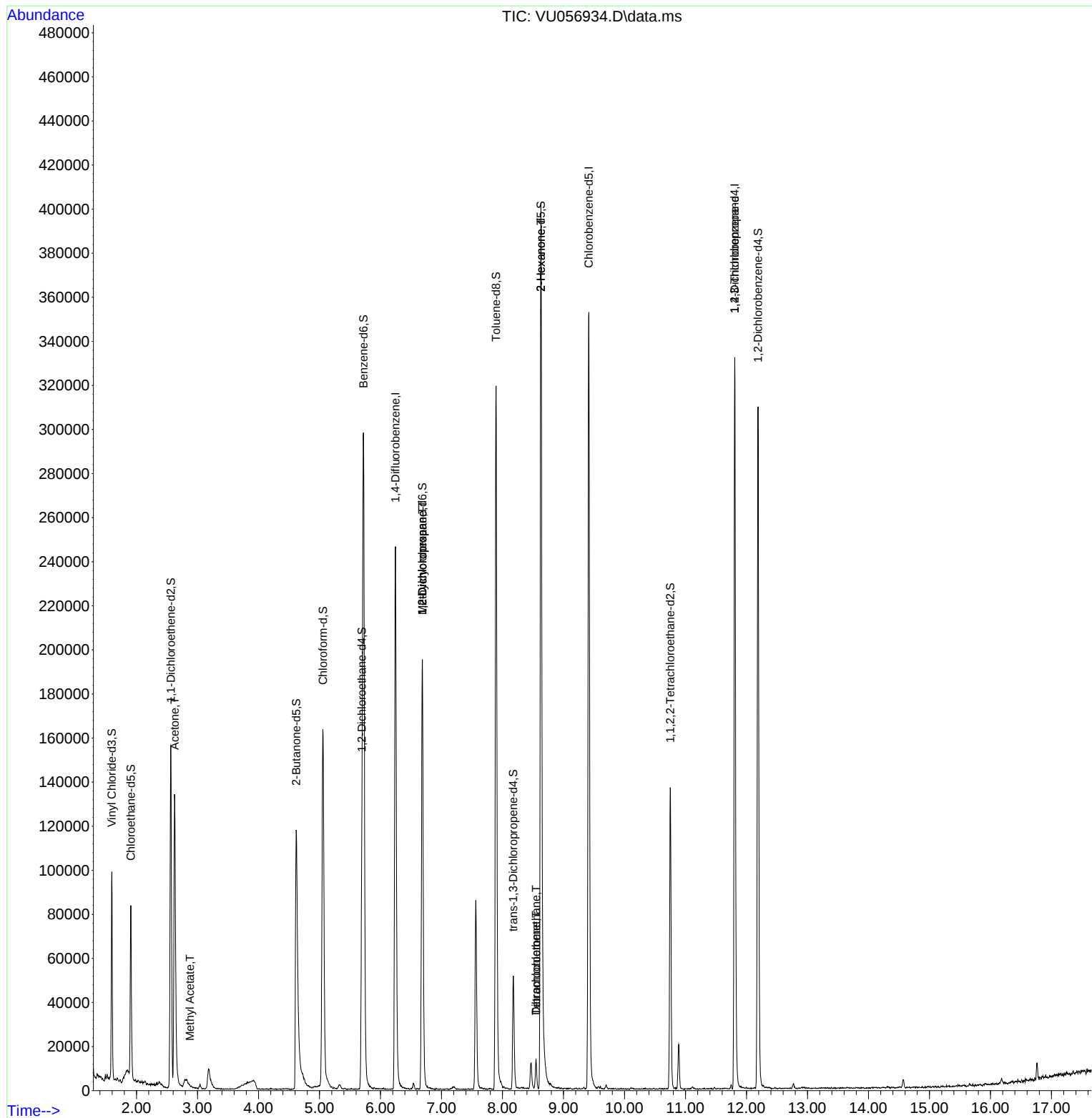
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	199329	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	207820	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	87921	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	66224	3.876	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.907	69	61644	4.821	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.563	65	30530	4.176	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	4.618	46	185217	54.892	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.780%
24) Chloroform-d	5.055	84	158810	4.908	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.695	65	77897	5.088	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.721	84	285205	4.425	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.685	67	94596	4.689	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.894	98	222361	3.860	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
43) trans-1,3-Dichloroprop...	8.177	79	31237	3.992	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.630	63	135342	45.863	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.720%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	68751	4.710	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	83988	4.860	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						Qvalue
13) Acetone	2.624	43	165196	80.337	ug/L	98
15) Methyl Acetate	2.875	43	1108	0.198	ug/L #	49
35) Methylcyclohexane	6.685	83	22170	0.750	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	9959	0.533	ug/L #	88
47) Tetrachloroethene	8.550	164	2892	0.206	ug/L	77
48) 2-Hexanone	8.630	43	18973	3.003	ug/L #	75
49) Dibromochloromethane	8.550	129	2630	0.181	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	11923	1.263	ug/L #	69

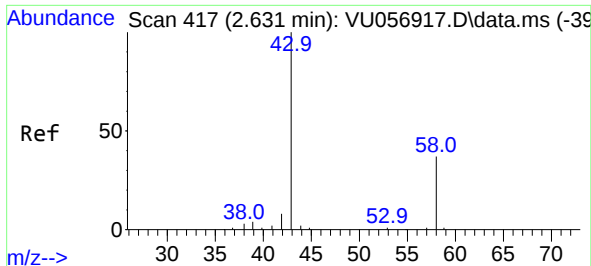
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 80.337 ug/L

RT: 2.624 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU056934.D

Acq: 16 Dec 2023 18:04

Instrument :

MSVOA_U

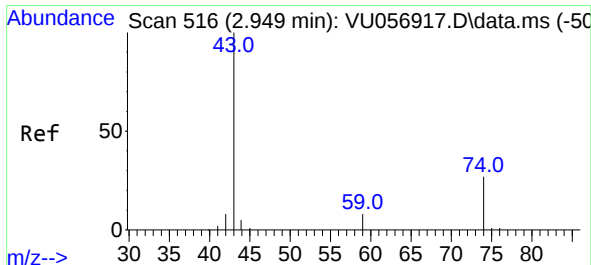
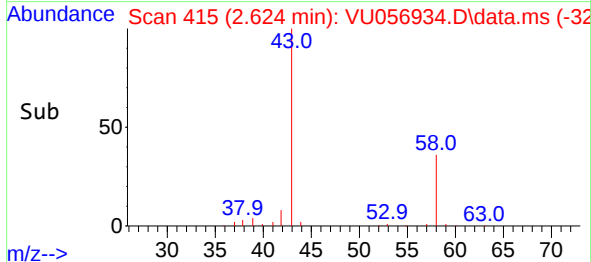
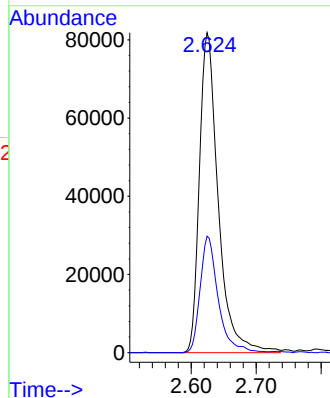
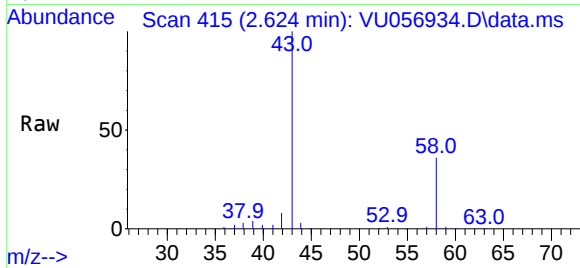
ClientSampleId :

Tgt Ion: 43 Resp: 165196

Ion Ratio Lower Upper

43 100

58 35.0 0.0 72.6



#15

Methyl Acetate

Concen: 0.198 ug/L

RT: 2.875 min Scan# 493

Delta R.T. -0.071 min

Lab File: VU056934.D

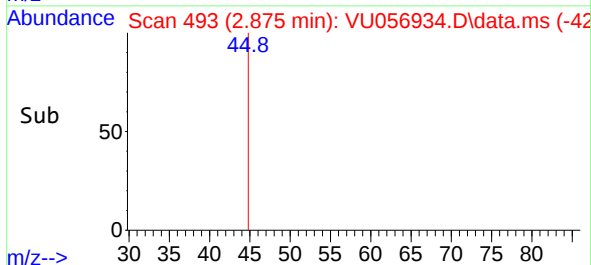
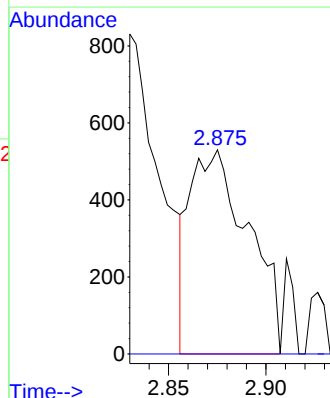
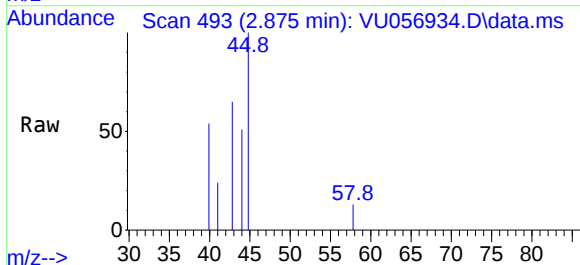
Acq: 16 Dec 2023 18:04

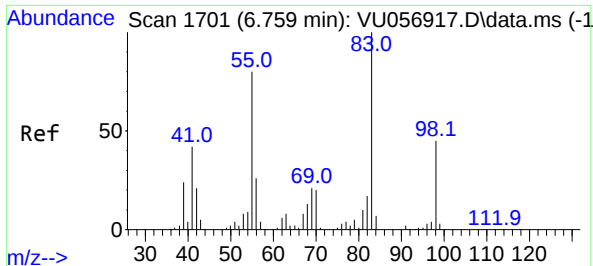
Tgt Ion: 43 Resp: 1108

Ion Ratio Lower Upper

43 100

74 0.0 21.0 31.6#





#35

Methylcyclohexane

Concen: 0.750 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU056934.D

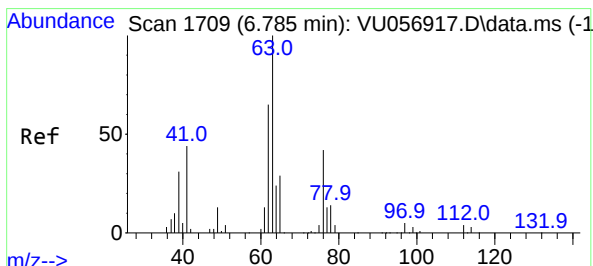
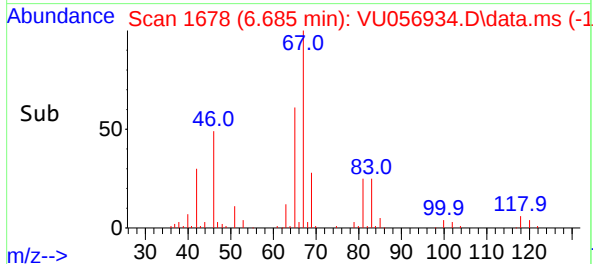
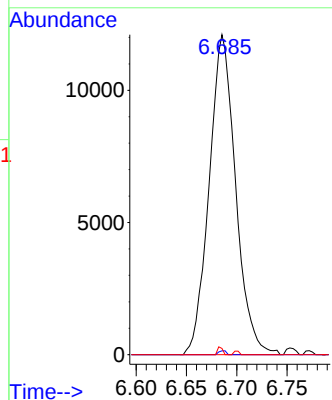
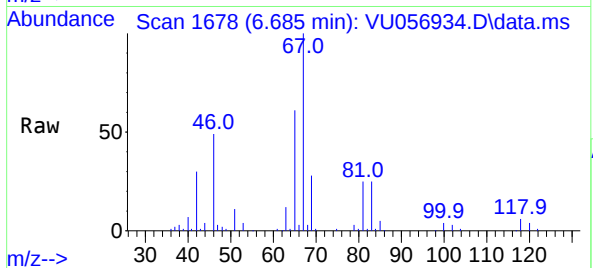
Acq: 16 Dec 2023 18:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	22170
Ion	Ratio	Lower	Upper
83	100		
55	0.3	64.6	97.0#
98	0.5	36.1	54.1#



#37

1,2-Dichloropropane

Concen: 0.533 ug/L

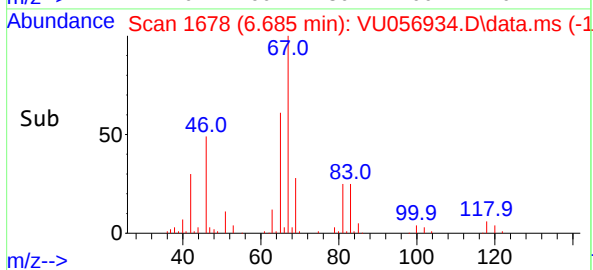
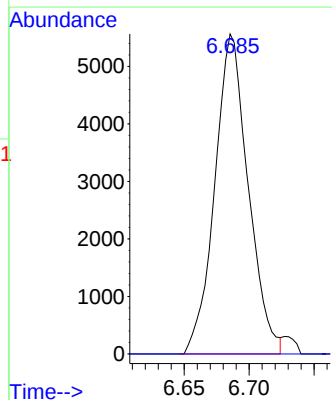
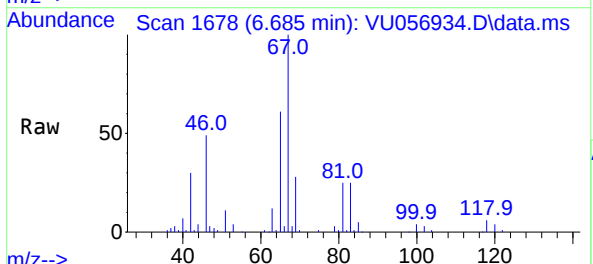
RT: 6.685 min Scan# 1678

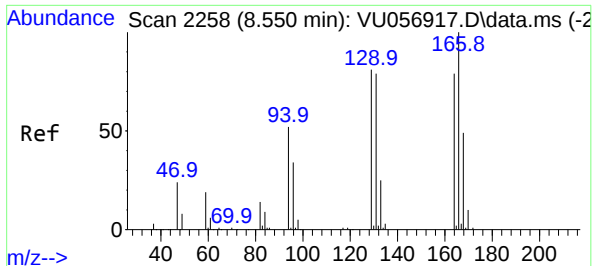
Delta R.T. -0.100 min

Lab File: VU056934.D

Acq: 16 Dec 2023 18:04

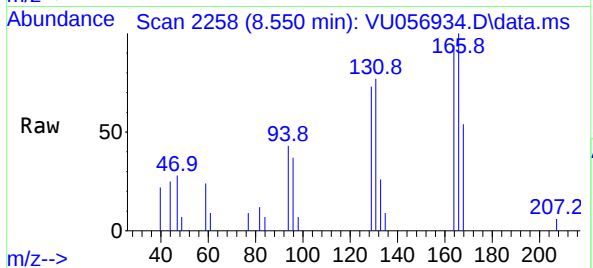
Tgt Ion:	63	Resp:	9959
Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.3	4.9#



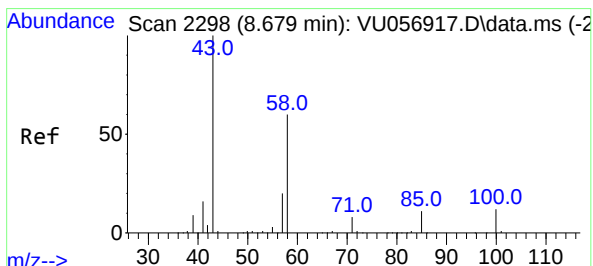
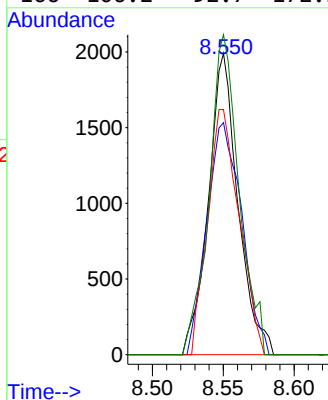
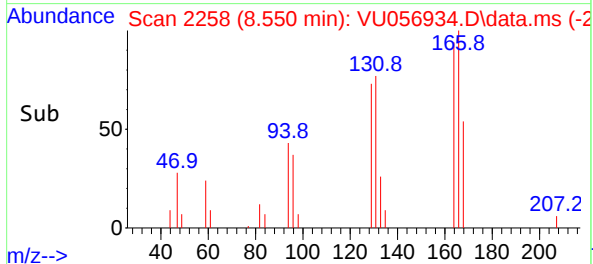


#47
Tetrachloroethene
Concen: 0.206 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056934.D
Acq: 16 Dec 2023 18:04

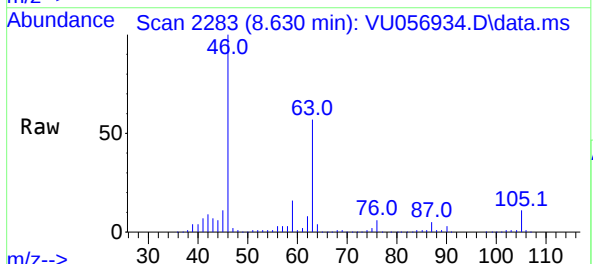
Instrument :
MSVOA_U
ClientSampleId :



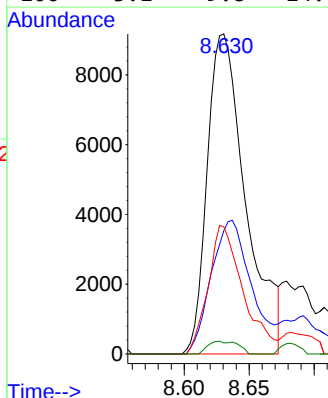
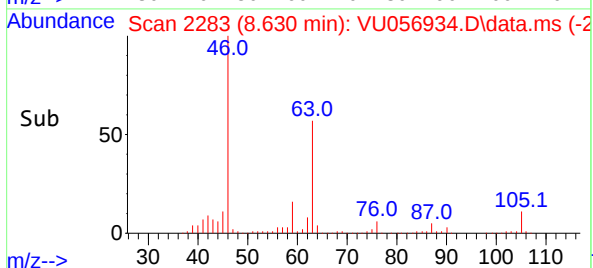
Tgt Ion:164 Resp: 2892
Ion Ratio Lower Upper
164 100
129 77.0 73.4 136.4
131 81.3 71.5 132.9
166 106.2 92.7 172.1

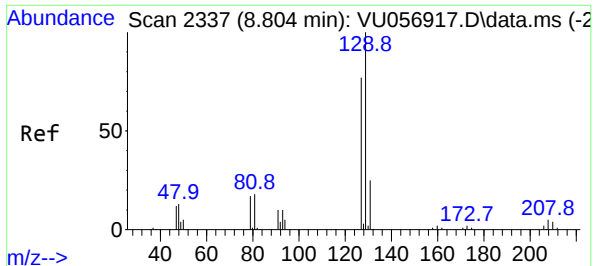


#48
2-Hexanone
Concen: 3.003 ug/L
RT: 8.630 min Scan# 2283
Delta R.T. -0.048 min
Lab File: VU056934.D
Acq: 16 Dec 2023 18:04



Tgt Ion: 43 Resp: 18973
Ion Ratio Lower Upper
43 100
58 43.0 47.5 71.3#
57 36.5 17.0 25.4#
100 3.1 9.8 14.8#





#49

Dibromochloromethane

Concen: 0.181 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU056934.D

Acq: 16 Dec 2023 18:04

Instrument :

MSVOA_U

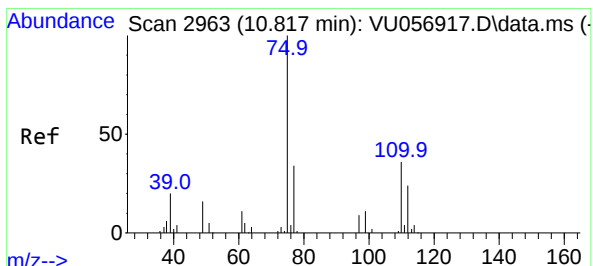
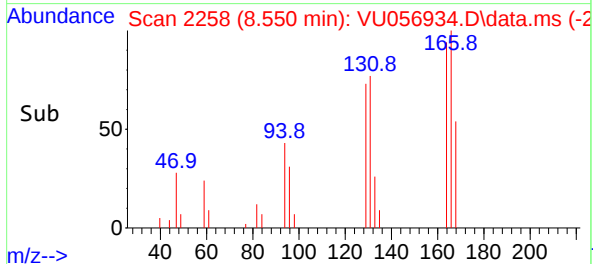
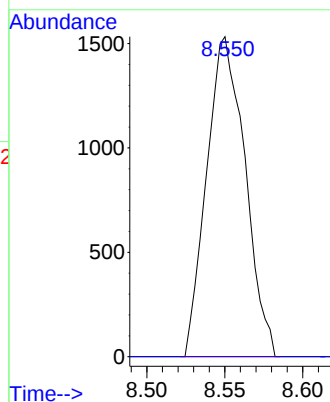
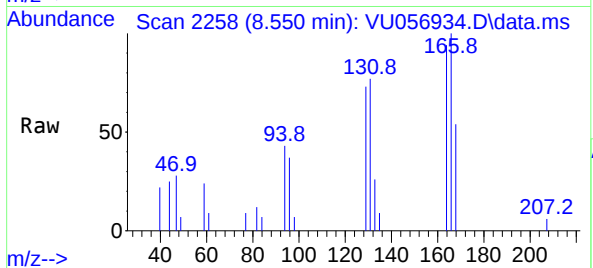
ClientSampleId :

Tgt Ion:129 Resp: 2630

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#



#61

1,2,3-Trichloropropane

Concen: 1.263 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU056934.D

Acq: 16 Dec 2023 18:04

Tgt Ion: 75 Resp: 11923

Ion Ratio Lower Upper

75 100

110 1.3 28.4 42.6#

77 32.2 26.3 39.5

