

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
 Data File : VU056840.D
 Acq On : 14 Dec 2023 15:41
 Operator : MD/SY
 Sample : 05684-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 15 00:53:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 00:49:12 2023
 Response via : Initial Calibration

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

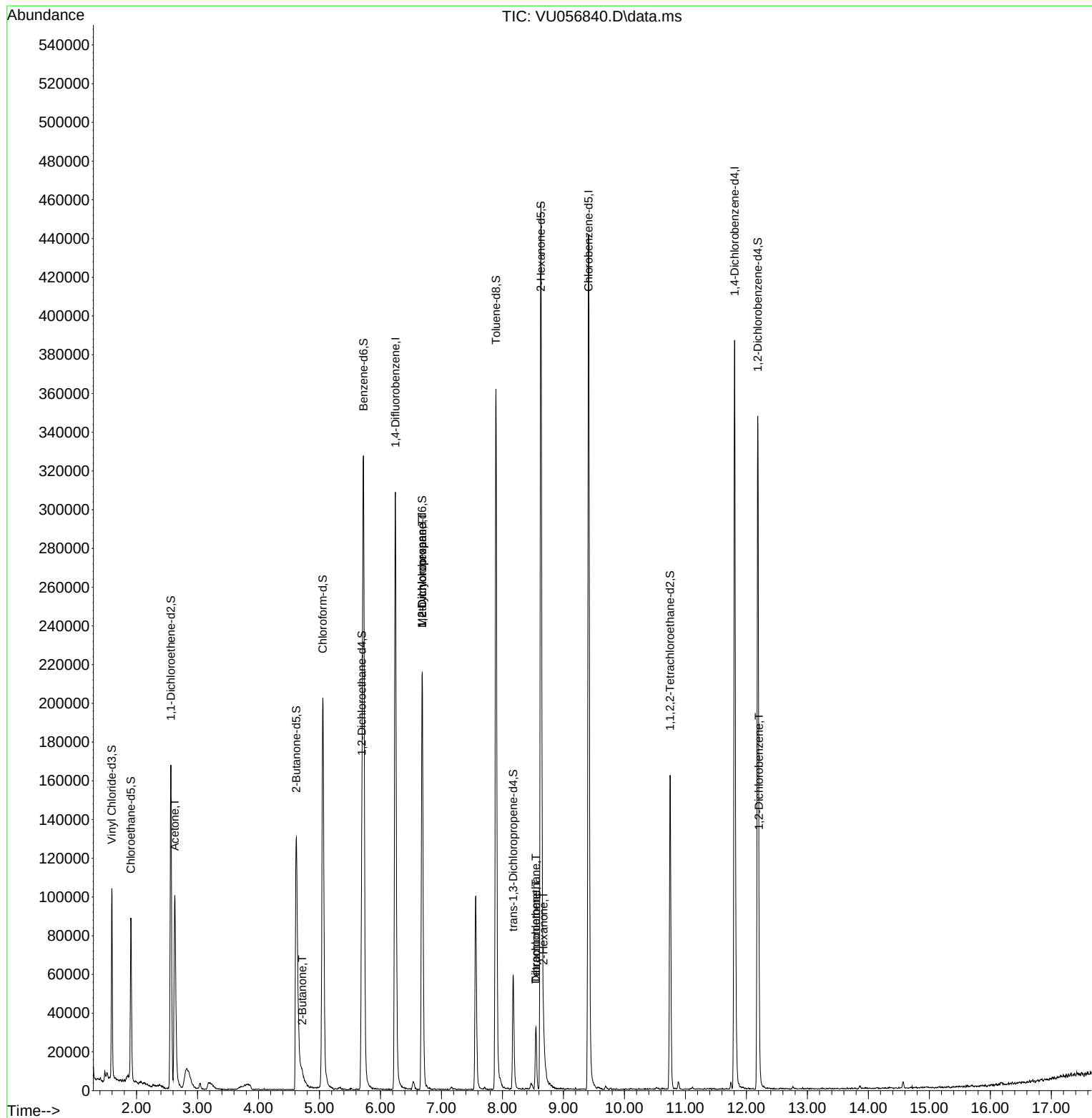
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	253467	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	262399	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	106414	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	69495	3.199	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.000%
7) Chloroethane-d5	1.907	69	62495	3.844	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.800%
11) 1,1-Dichloroethene-d2	2.563	65	33016	3.552	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.000%
20) 2-Butanone-d5	4.621	46	214832	50.070	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.140%
24) Chloroform-d	5.055	84	177011	4.302	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.695	65	88068	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.721	84	317528	3.901	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.000%
36) 1,2-Dichloropropane-d6	6.685	67	105067	4.124	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.400%
41) Toluene-d8	7.894	98	250623	3.445	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.000%#
43) trans-1,3-Dichloroprop...	8.177	79	36797	3.725	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.400%
46) 2-Hexanone-d5	8.630	63	155954	41.856	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.720%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	82558	4.479	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	91669	4.382	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.600%
Target Compounds						Qvalue
13) Acetone	2.628	43	132742	50.766	ug/L	97
21) 2-Butanone	4.717	43	8050	1.826	ug/L	89
35) Methylcyclohexane	6.685	83	25640	0.687	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	11153	0.473	ug/L #	89
47) Tetrachloroethene	8.547	164	7036	0.397	ug/L	96
48) 2-Hexanone	8.672	43	7449	0.934	ug/L #	84
49) Dibromochloromethane	8.547	129	7304	0.398	ug/L #	11
67) 1,2-Dichlorobenzene	12.206	146	5446	0.150	ug/L #	77

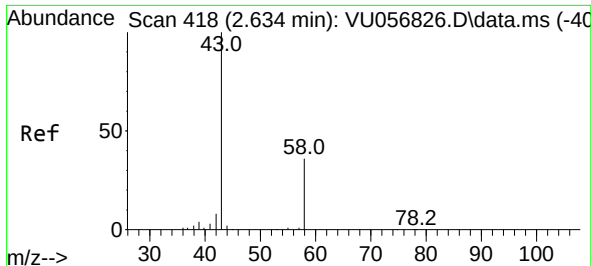
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 50.766 ug/L

RT: 2.628 min Scan# 41

Delta R.T. -0.007 min

Lab File: VU056840.D

Acq: 14 Dec 2023 15:41

Instrument :

MSVOA_U

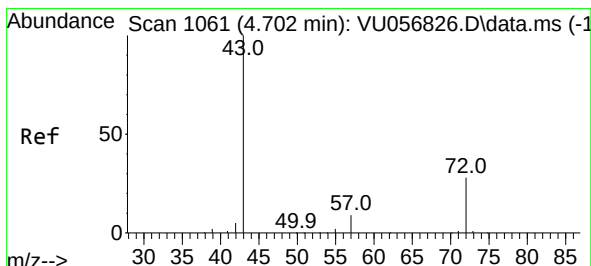
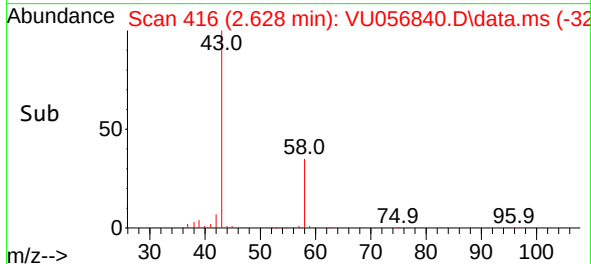
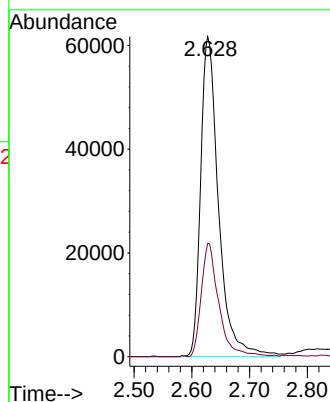
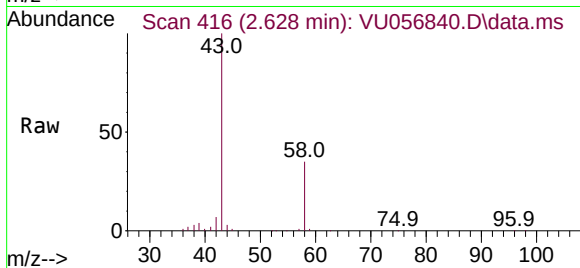
ClientSampleId :

Tgt Ion: 43 Resp: 132742

Ion Ratio Lower Upper

43 100

58 34.6 0.0 72.6



#21

2-Butanone

Concen: 1.826 ug/L

RT: 4.717 min Scan# 1066

Delta R.T. 0.016 min

Lab File: VU056840.D

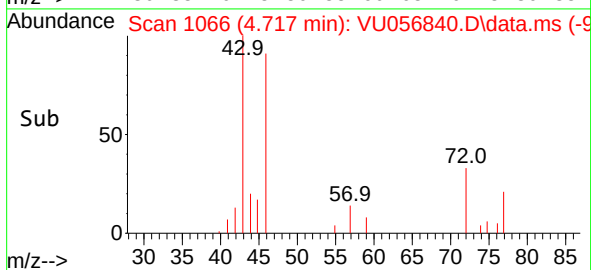
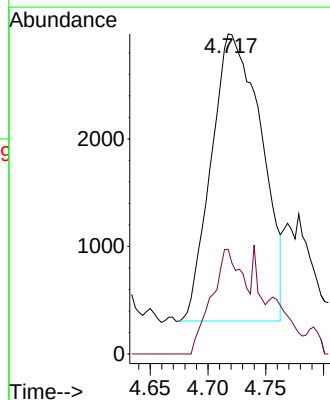
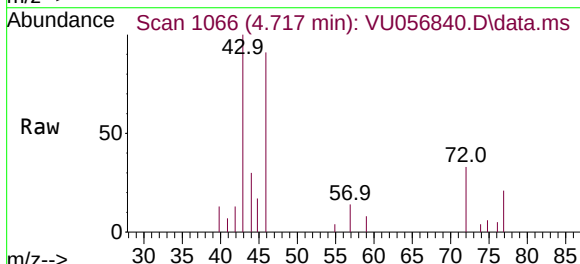
Acq: 14 Dec 2023 15:41

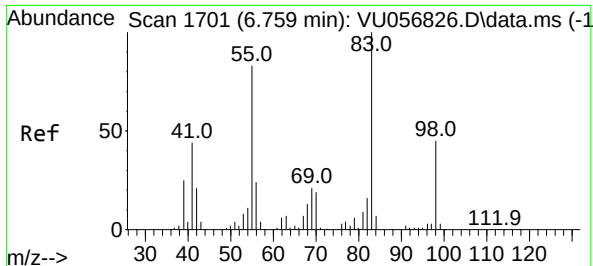
Tgt Ion: 43 Resp: 8050

Ion Ratio Lower Upper

43 100

72 23.5 14.6 43.8

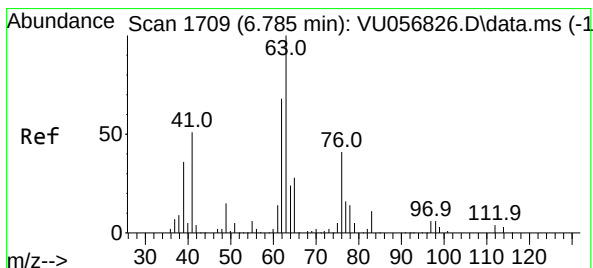
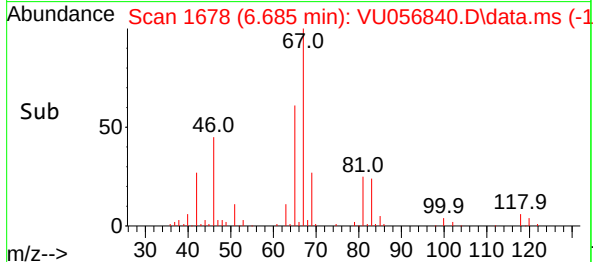
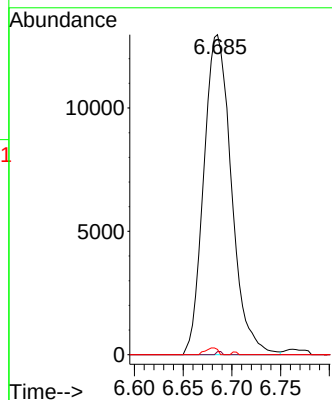
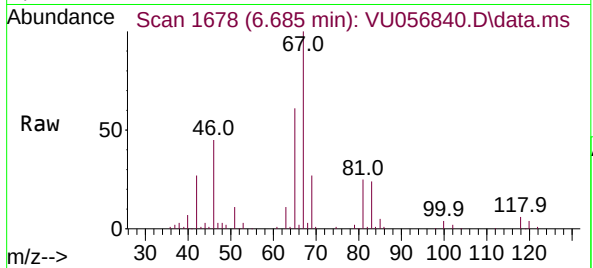




#35
Methylcyclohexane
Concen: 0.687 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056840.D
Acq: 14 Dec 2023 15:41

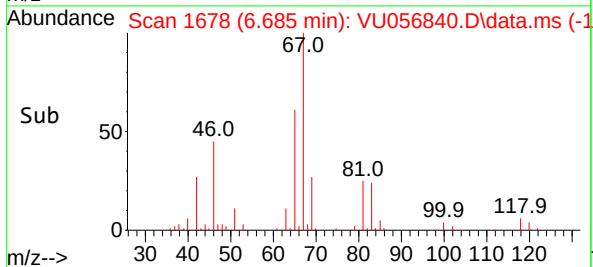
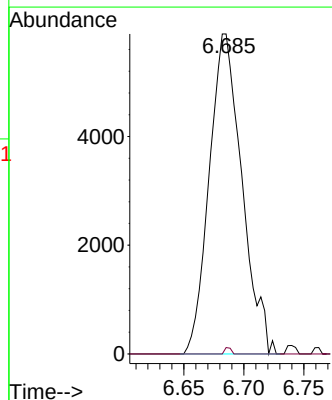
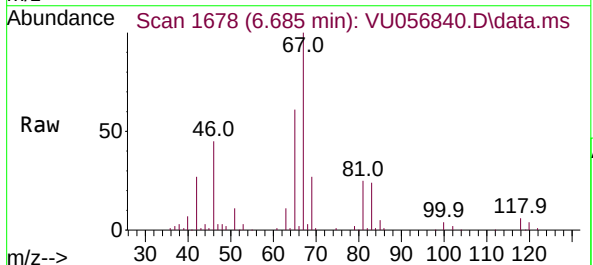
Instrument :
MSVOA_U
ClientSampleId :

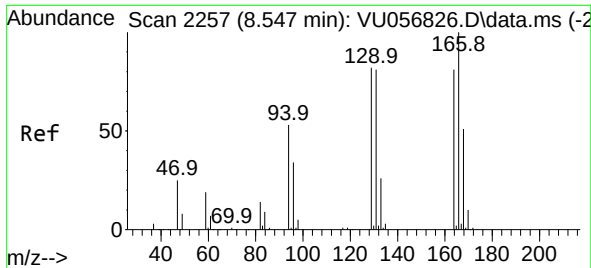
Tgt Ion: 83 Resp: 25640
Ion Ratio Lower Upper
83 100
55 0.2 64.6 97.0#
98 0.9 36.1 54.1#



#37
1,2-Dichloropropane
Concen: 0.473 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU056840.D
Acq: 14 Dec 2023 15:41

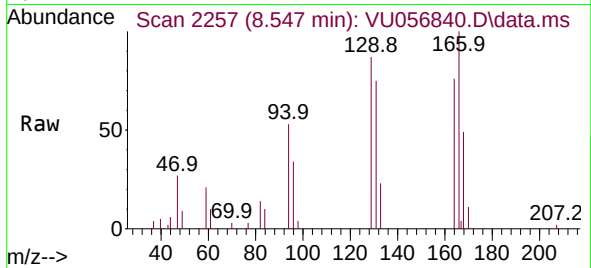
Tgt Ion: 63 Resp: 11153
Ion Ratio Lower Upper
63 100
112 0.4 3.3 4.9#





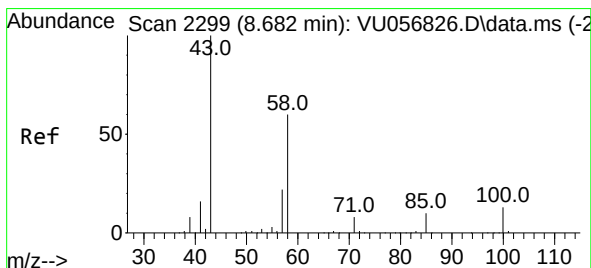
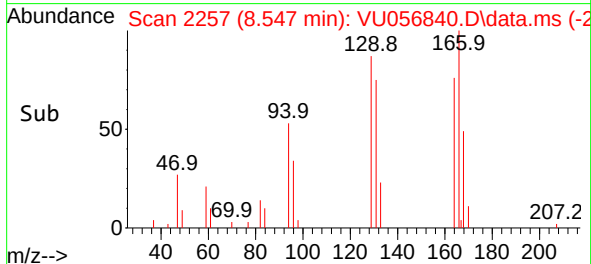
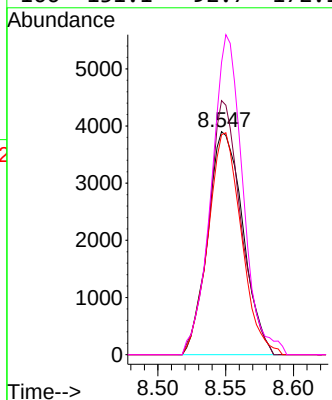
#47
Tetrachloroethene
Concen: 0.397 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056840.D
Acq: 14 Dec 2023 15:41

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 7036

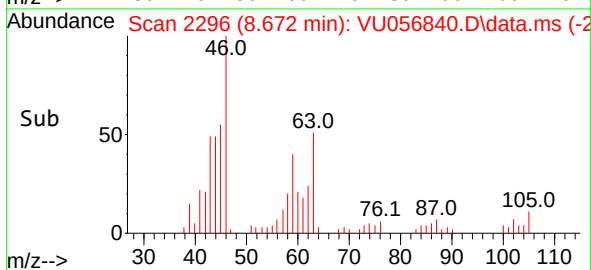
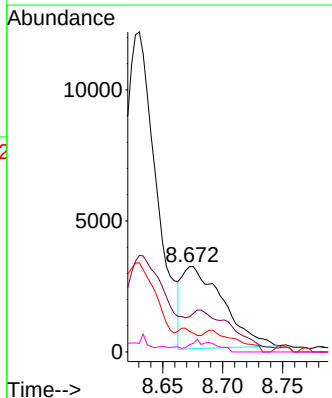
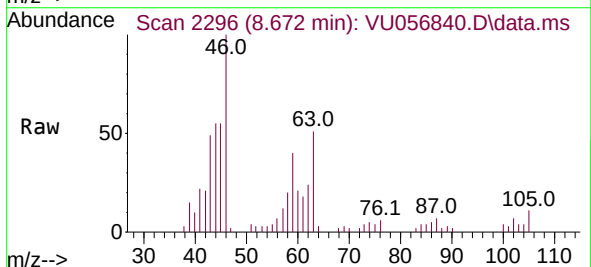
Ion	Ratio	Lower	Upper
164	100		
129	114.0	73.4	136.4
131	98.6	71.5	132.9
166	131.1	92.7	172.1

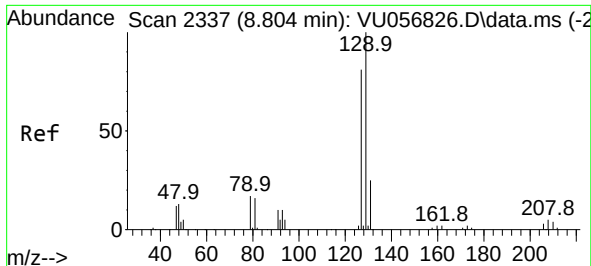


#48
2-Hexanone
Concen: 0.934 ug/L
RT: 8.672 min Scan# 2296
Delta R.T. -0.010 min
Lab File: VU056840.D
Acq: 14 Dec 2023 15:41

Tgt Ion: 43 Resp: 7449

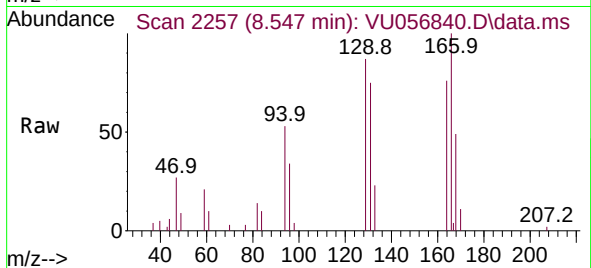
Ion	Ratio	Lower	Upper
43	100		
58	46.8	47.5	71.3#
57	13.9	17.0	25.4#
100	8.6	9.8	14.8#



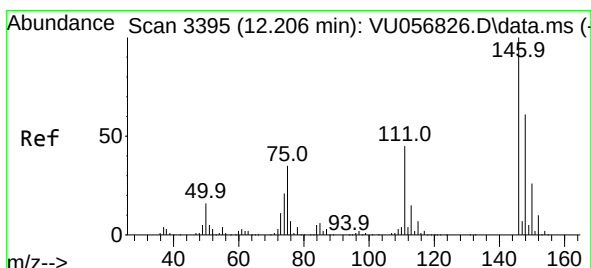
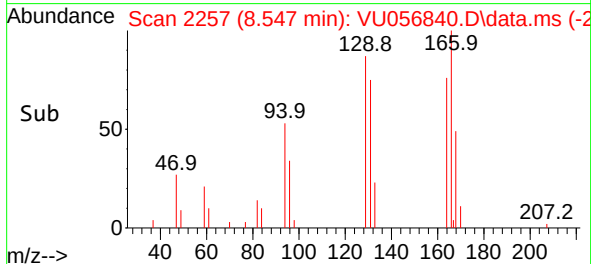
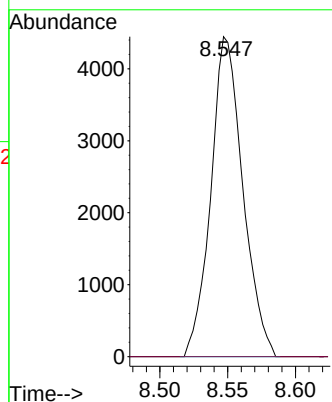


#49
Dibromochloromethane
Concen: 0.398 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU056840.D
Acq: 14 Dec 2023 15:41

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 7304
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#



#67
1,2-Dichlorobenzene
Concen: 0.150 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU056840.D
Acq: 14 Dec 2023 15:41

Tgt Ion:146 Resp: 5446
Ion Ratio Lower Upper
146 100
111 73.4 36.9 55.3#
148 74.6 53.0 79.4

