

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121623\
 Data File : VU056932.D
 Acq On : 16 Dec 2023 17:15
 Operator : MD/SY
 Sample : 05810-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 16 23:48:09 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)

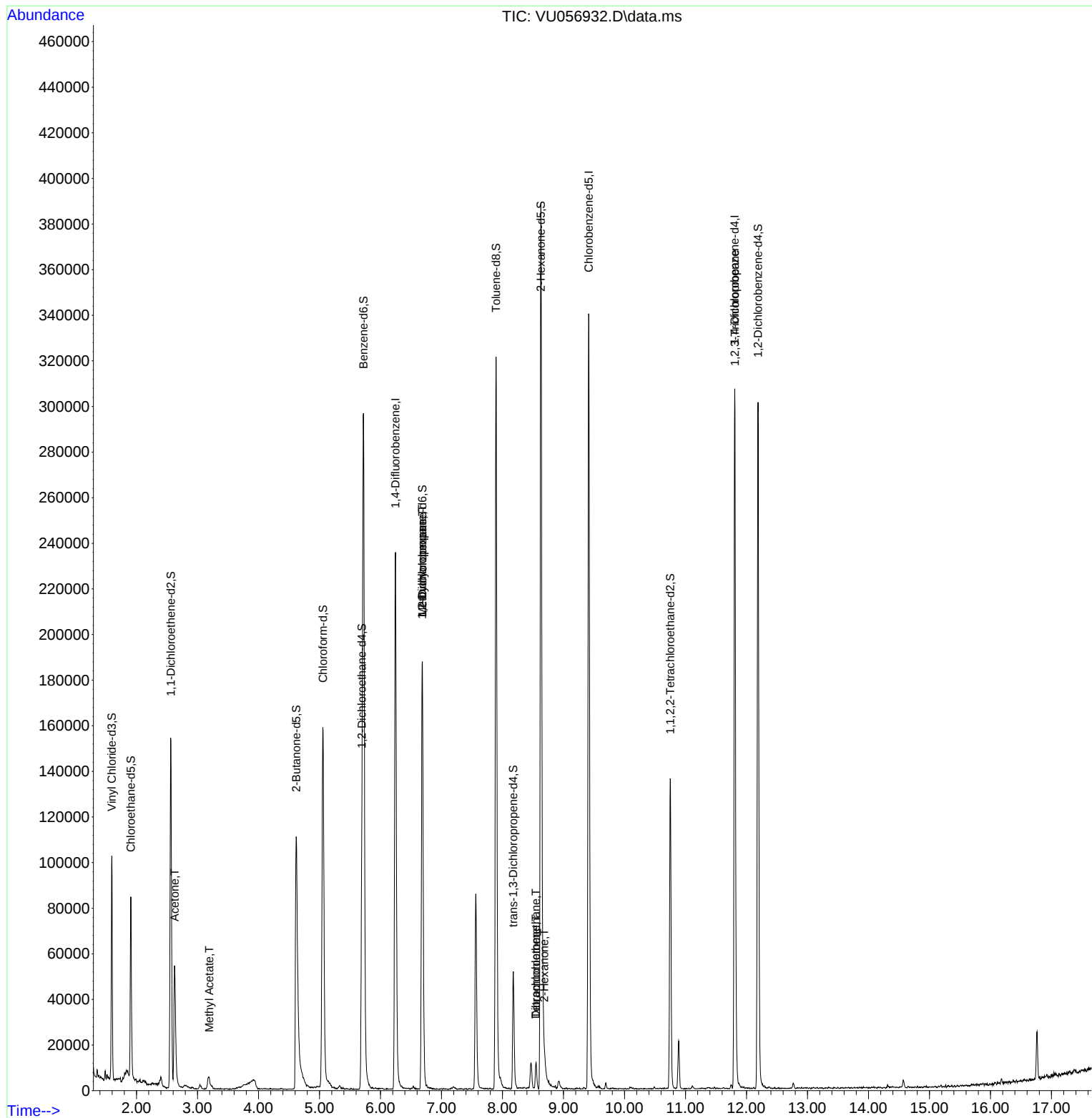
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	191773	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	200617	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	82645	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	66553	4.049	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.907	69	61268	4.981	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.563	65	29786	4.235	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	4.618	46	180484	55.597	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.200%
24) Chloroform-d	5.055	84	154098	4.950	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.695	65	76171	5.171	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.721	84	285800	4.593	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.685	67	93211	4.786	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.894	98	222355	3.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	8.177	79	31437	4.162	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.627	63	132433	46.489	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.980%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	72148	5.120	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	80890	4.979	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						Qvalue
13) Acetone	2.624	43	67183	33.959	ug/L	97
15) Methyl Acetate	3.190	43	1190	0.221	ug/L #	49
35) Methylcyclohexane	6.685	83	22075	0.773	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	10225	0.567	ug/L #	90
47) Tetrachloroethene	8.547	164	2436	0.180	ug/L	88
48) 2-Hexanone	8.685	43	4882	0.800	ug/L #	74
49) Dibromochloromethane	8.547	129	2789	0.199	ug/L #	11
61) 1,2,3-Trichloropropane	11.810	75	11042	1.244	ug/L #	69

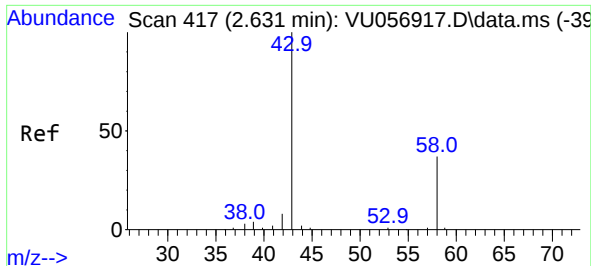
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 33.959 ug/L

RT: 2.624 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU056932.D

Acq: 16 Dec 2023 17:15

Instrument :

MSVOA_U

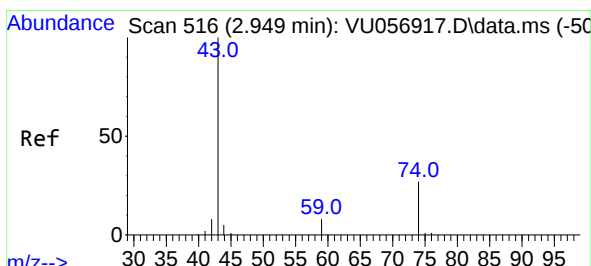
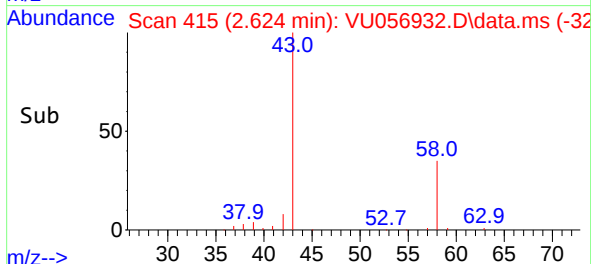
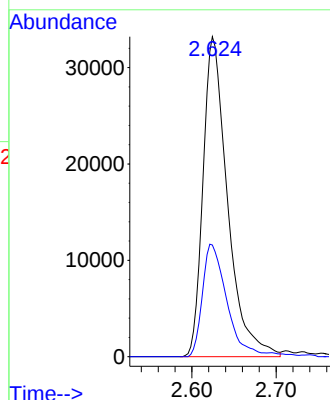
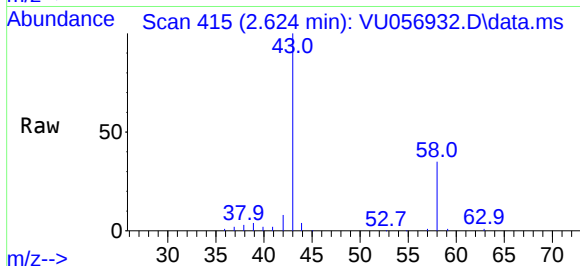
ClientSampleId :

Tgt Ion: 43 Resp: 67183

Ion Ratio Lower Upper

43 100

58 34.7 0.0 72.6



#15

Methyl Acetate

Concen: 0.221 ug/L

RT: 3.190 min Scan# 591

Delta R.T. 0.244 min

Lab File: VU056932.D

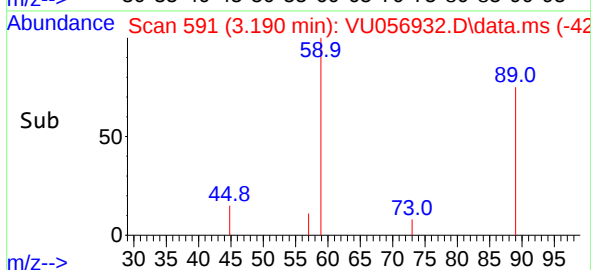
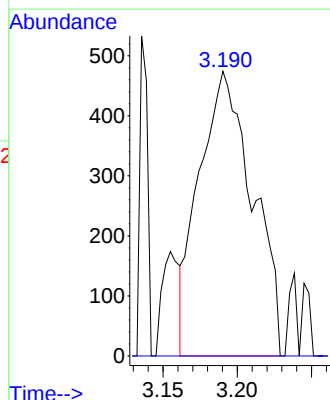
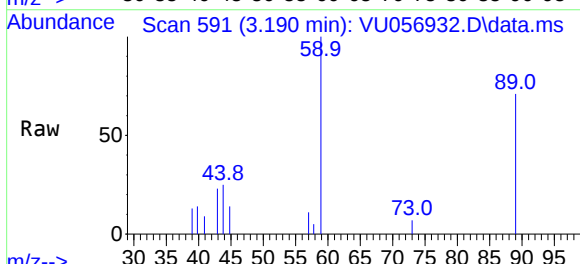
Acq: 16 Dec 2023 17:15

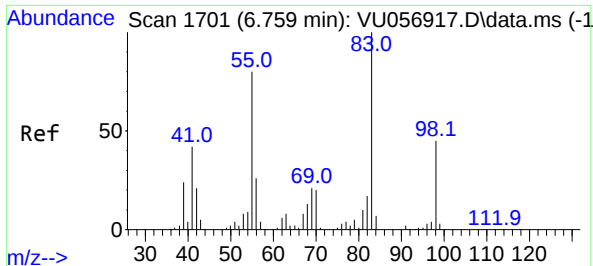
Tgt Ion: 43 Resp: 1190

Ion Ratio Lower Upper

43 100

74 0.0 21.0 31.6#





#35

Methylcyclohexane

Concen: 0.773 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU056932.D

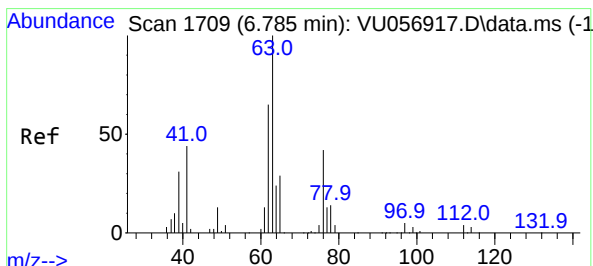
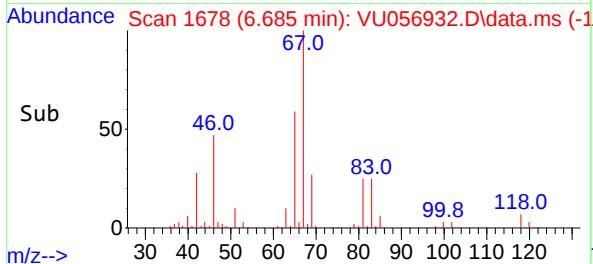
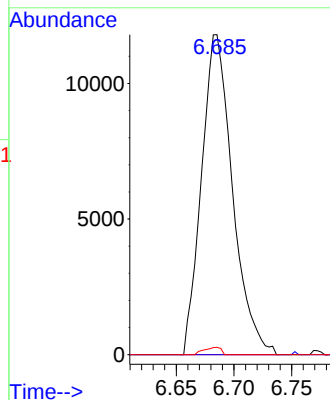
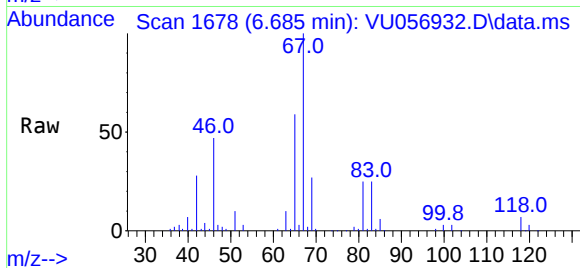
Acq: 16 Dec 2023 17:15

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 22075
Ion Ratio	Lower Upper
83 100	
55 0.1	64.6 97.0#
98 1.3	36.1 54.1#



#37

1,2-Dichloropropane

Concen: 0.567 ug/L

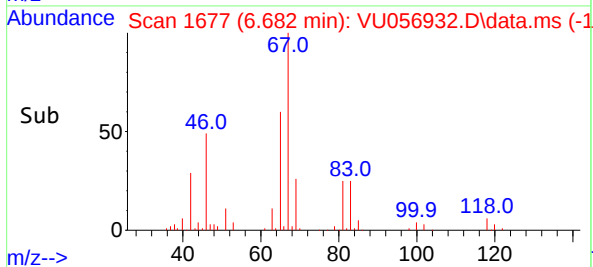
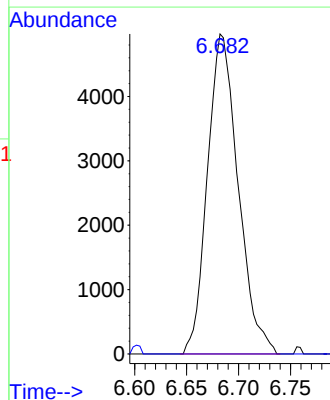
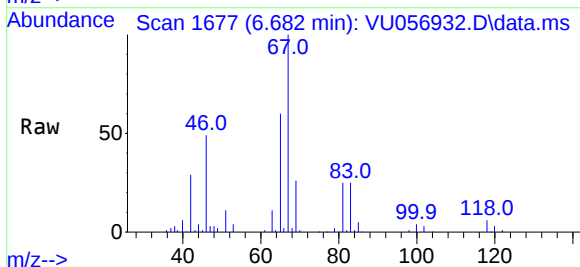
RT: 6.682 min Scan# 1677

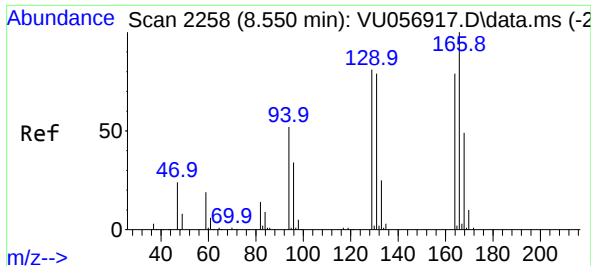
Delta R.T. -0.103 min

Lab File: VU056932.D

Acq: 16 Dec 2023 17:15

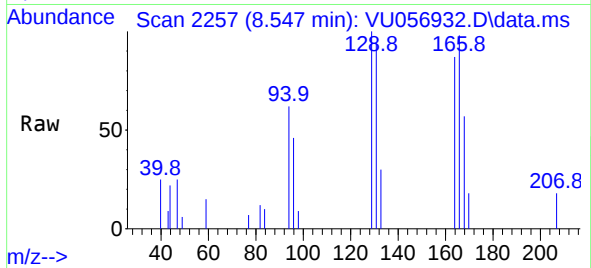
Tgt Ion: 63	Resp: 10225
Ion Ratio	Lower Upper
63 100	
112 0.7	3.3 4.9#





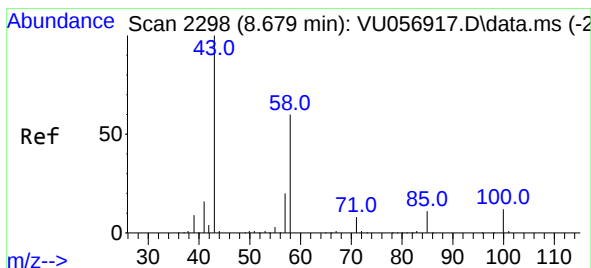
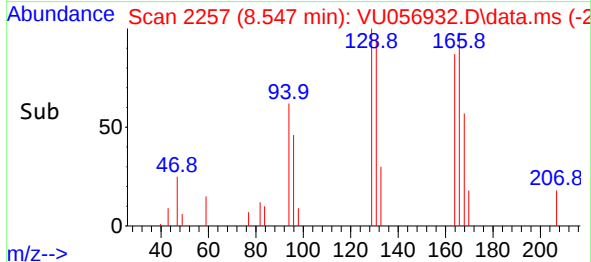
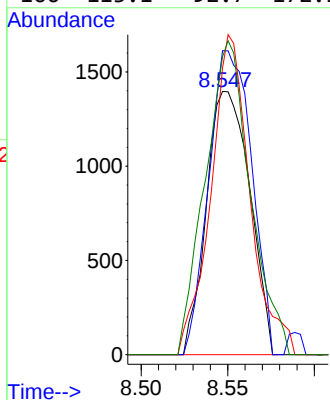
#47
Tetrachloroethene
Concen: 0.180 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU056932.D
Acq: 16 Dec 2023 17:15

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 2436

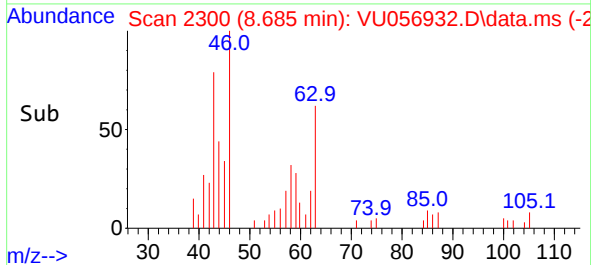
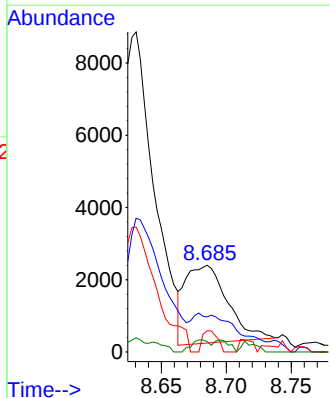
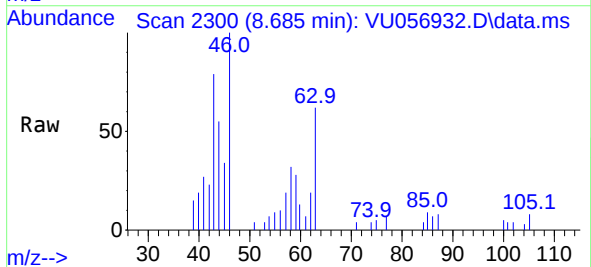
Ion	Ratio	Lower	Upper
164	100		
129	115.5	73.4	136.4
131	108.9	71.5	132.9
166	113.1	92.7	172.1

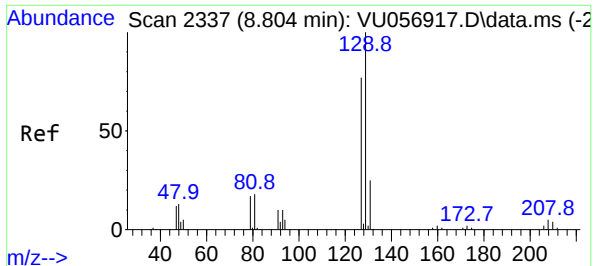


#48
2-Hexanone
Concen: 0.800 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.006 min
Lab File: VU056932.D
Acq: 16 Dec 2023 17:15

Tgt Ion: 43 Resp: 4882

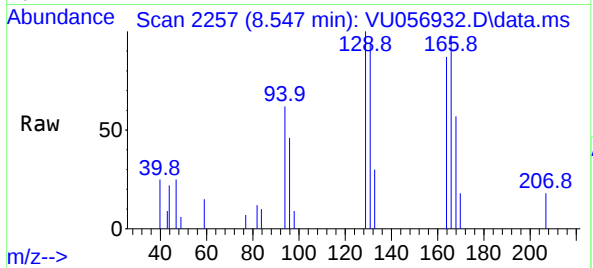
Ion	Ratio	Lower	Upper
43	100		
58	37.8	47.5	71.3#
57	9.6	17.0	25.4#
100	6.7	9.8	14.8#



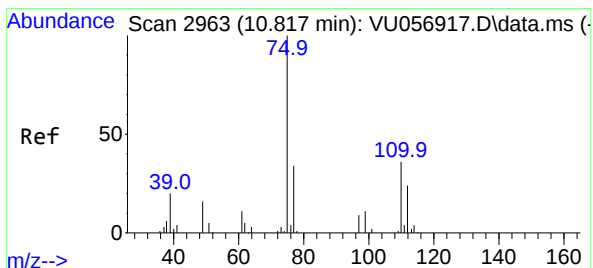
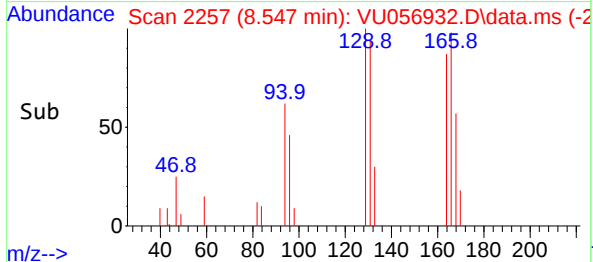
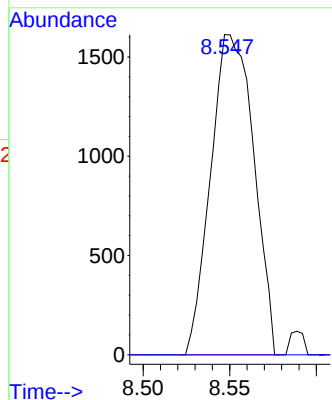


#49
Dibromochloromethane
Concen: 0.199 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU056932.D
Acq: 16 Dec 2023 17:15

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 2789
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#



#61
1,2,3-Trichloropropane
Concen: 1.244 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.993 min
Lab File: VU056932.D
Acq: 16 Dec 2023 17:15

Tgt Ion: 75 Resp: 11042
Ion Ratio Lower Upper
75 100
110 1.5 28.4 42.6#
77 32.4 26.3 39.5

