

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056894.D
 Acq On : 15 Dec 2023 21:38
 Operator : MD/SY
 Sample : 05809-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 16 00:07:00 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

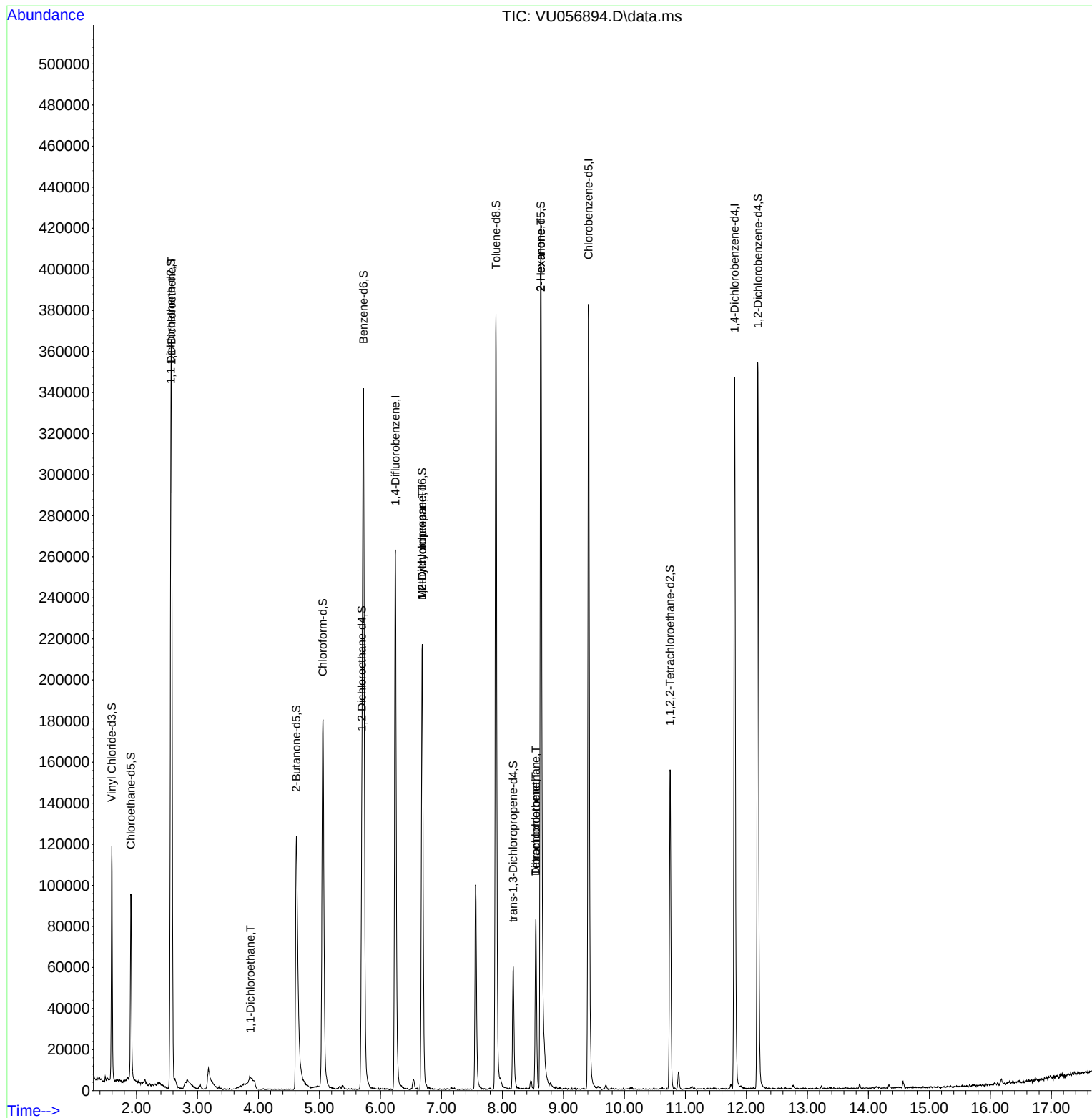
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	215314	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	225855	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	94103	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	79577	4.312	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.200%	
7) Chloroethane-d5	1.907	69	66384	4.807	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.200%	
11) 1,1-Dichloroethene-d2	2.563	65	35851	4.540	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.800%	
20) 2-Butanone-d5	4.621	46	198018	54.329	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.660%	
24) Chloroform-d	5.055	84	173872	4.975	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.600%	
26) 1,2-Dichloroethane-d4	5.695	65	85081	5.145	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.800%	
32) Benzene-d6	5.721	84	331605	4.734	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.600%	
36) 1,2-Dichloropropane-d6	6.685	67	107015	4.881	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.600%	
41) Toluene-d8	7.894	98	265619	4.242	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.800%	
43) trans-1,3-Dichloroprop...	8.177	79	36501	4.293	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.800%	
46) 2-Hexanone-d5	8.631	63	151122	47.122	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.240%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	79844	5.033	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	94466	5.107	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.200%	
Target Compounds						
12) 1,1-Dichloroethene	2.576	96	88707	5.075	ug/L	92
19) 1,1-Dichloroethane	3.869	63	3465	0.102	ug/L	94
35) Methylcyclohexane	6.685	83	24993	0.778	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	11758	0.579	ug/L #	88
47) Tetrachloroethene	8.550	164	17532	1.151	ug/L	96
48) 2-Hexanone	8.631	43	18798	2.737	ug/L #	77
49) Dibromochloromethane	8.550	129	17894	1.134	ug/L #	11

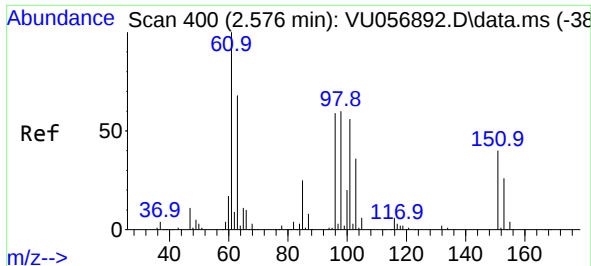
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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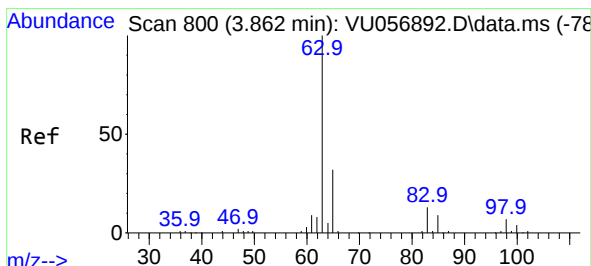
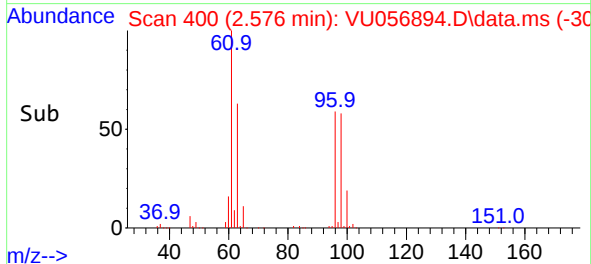
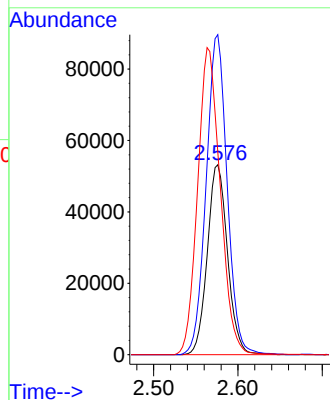
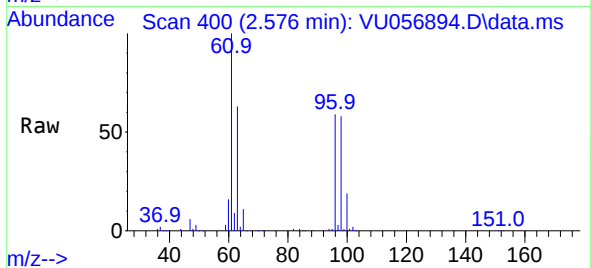




#12
1,1-Dichloroethene
Concen: 5.075 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056894.D
Acq: 15 Dec 2023 21:38

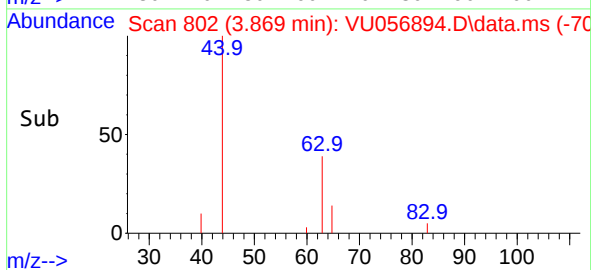
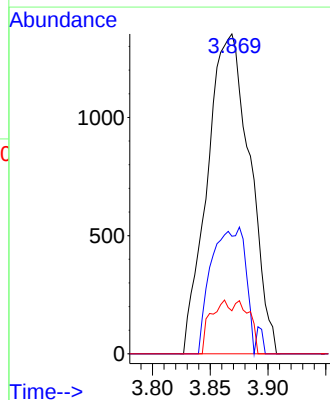
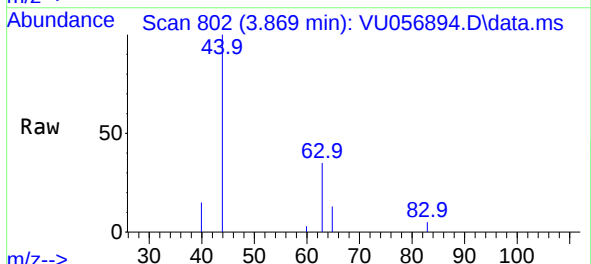
Instrument :
MSVOA_U
ClientSampleId :

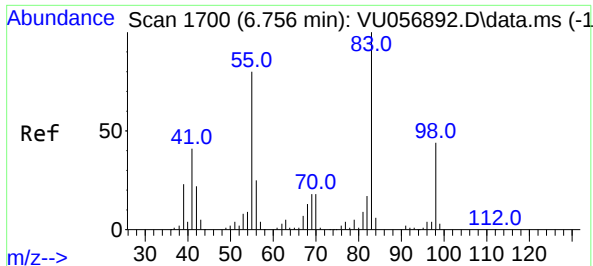
Tgt Ion: 96 Resp: 88707
Ion Ratio Lower Upper
96 100
61 168.4 119.0 221.0
63 106.7 88.7 164.7



#19
1,1-Dichloroethane
Concen: 0.102 ug/L
RT: 3.869 min Scan# 802
Delta R.T. 0.006 min
Lab File: VU056894.D
Acq: 15 Dec 2023 21:38

Tgt Ion: 63 Resp: 3465
Ion Ratio Lower Upper
63 100
65 36.8 22.9 42.5
83 13.5 10.1 18.9

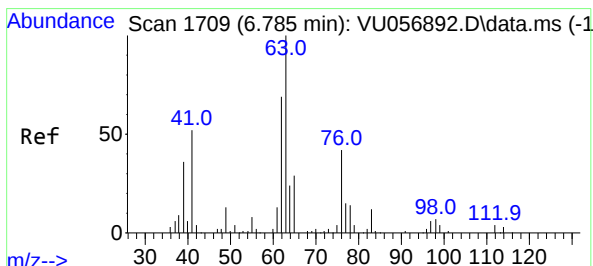
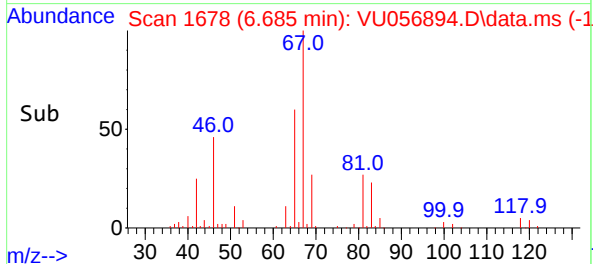
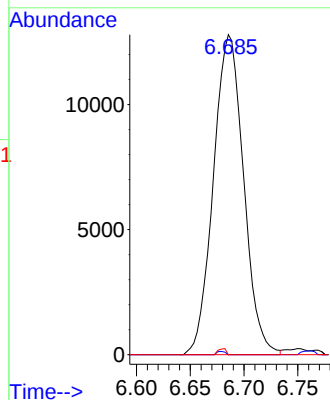
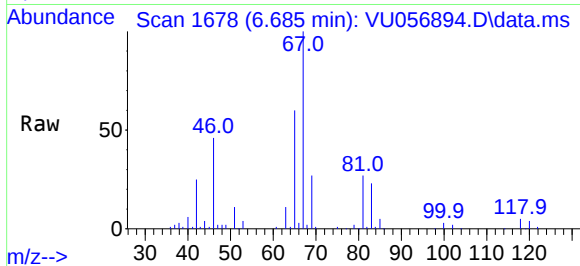




#35
Methylcyclohexane
Concen: 0.778 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056894.D
Acq: 15 Dec 2023 21:38

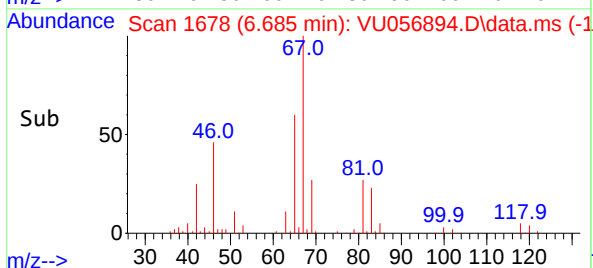
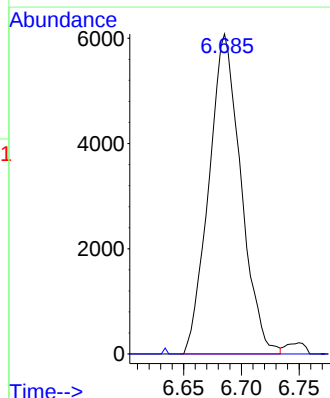
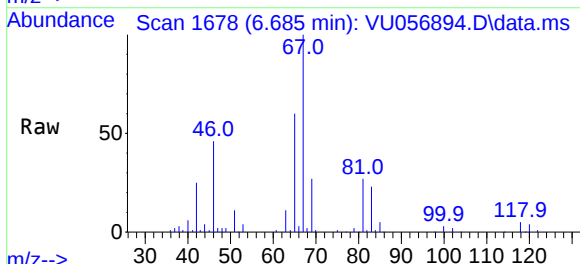
Instrument :
MSVOA_U
ClientSampleId :

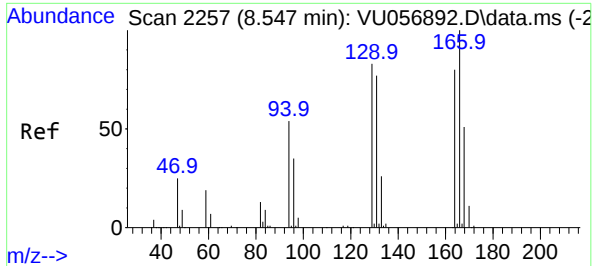
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.3	64.6	97.0#
98	0.5	36.1	54.1#



#37
1,2-Dichloropropane
Concen: 0.579 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU056894.D
Acq: 15 Dec 2023 21:38

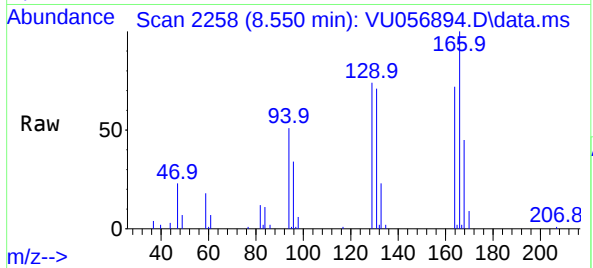
Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.3	4.9#



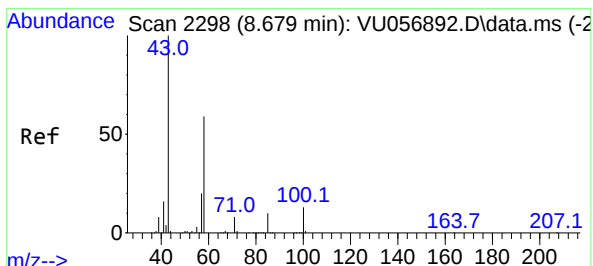
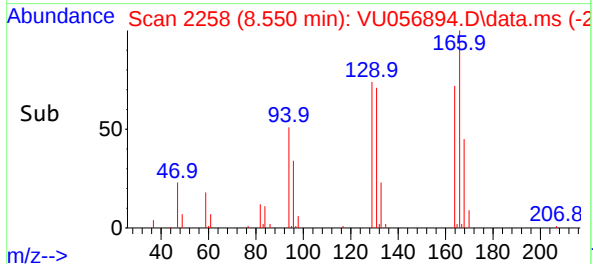
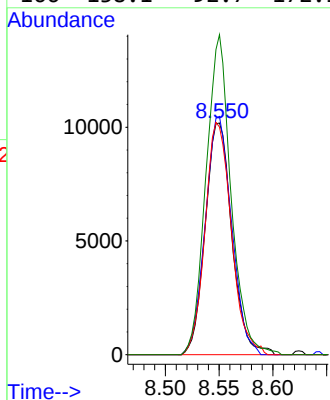


#47
Tetrachloroethene
Concen: 1.151 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056894.D
Acq: 15 Dec 2023 21:38

Instrument :
MSVOA_U
ClientSampleId :

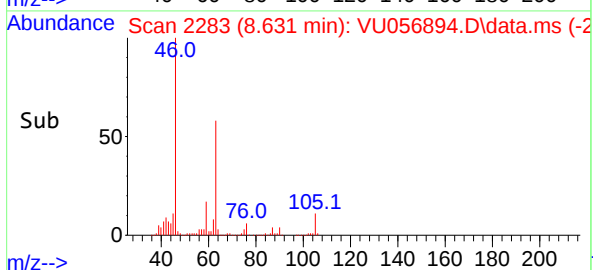
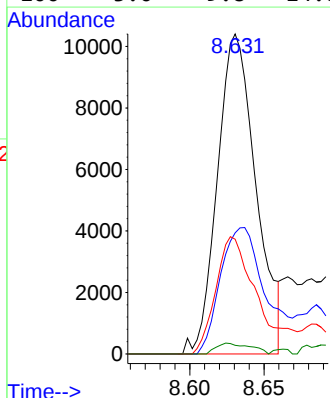
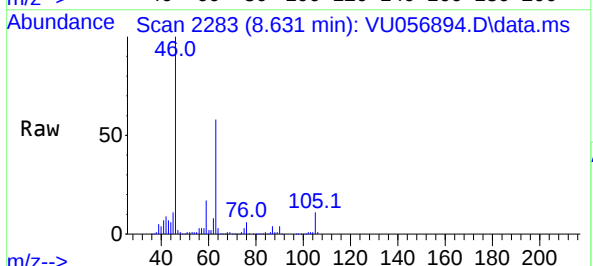


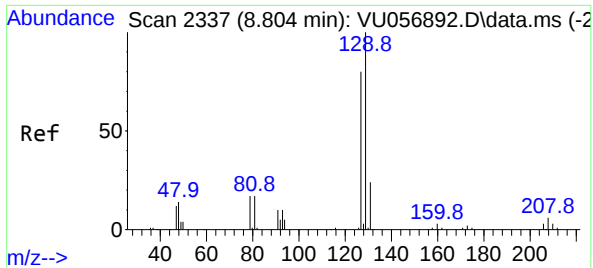
Tgt Ion:164 Resp: 17532
Ion Ratio Lower Upper
164 100
129 102.8 73.4 136.4
131 98.3 71.5 132.9
166 138.1 92.7 172.1



#48
2-Hexanone
Concen: 2.737 ug/L
RT: 8.631 min Scan# 2283
Delta R.T. -0.048 min
Lab File: VU056894.D
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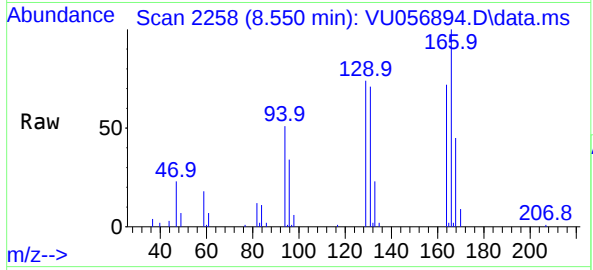
Tgt Ion: 43 Resp: 18798
Ion Ratio Lower Upper
43 100
58 46.5 47.5 71.3#
57 39.8 17.0 25.4#
100 3.0 9.8 14.8#





#49
 Dibromochloromethane
 Concen: 1.134 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. -0.254 min
 Lab File: VU056894.D
 Acq: 15 Dec 2023 21:38

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:129 Resp: 17894
 Ion Ratio Lower Upper
 129 100
 127 0.0 53.9 100.1#

