

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112223\
 Data File : VU056580.D
 Acq On : 22 Nov 2023 11:45
 Operator : MD/SY
 Sample : 05441-18
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 03:41:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 22 00:29:26 2023
 Response via : Initial Calibration

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

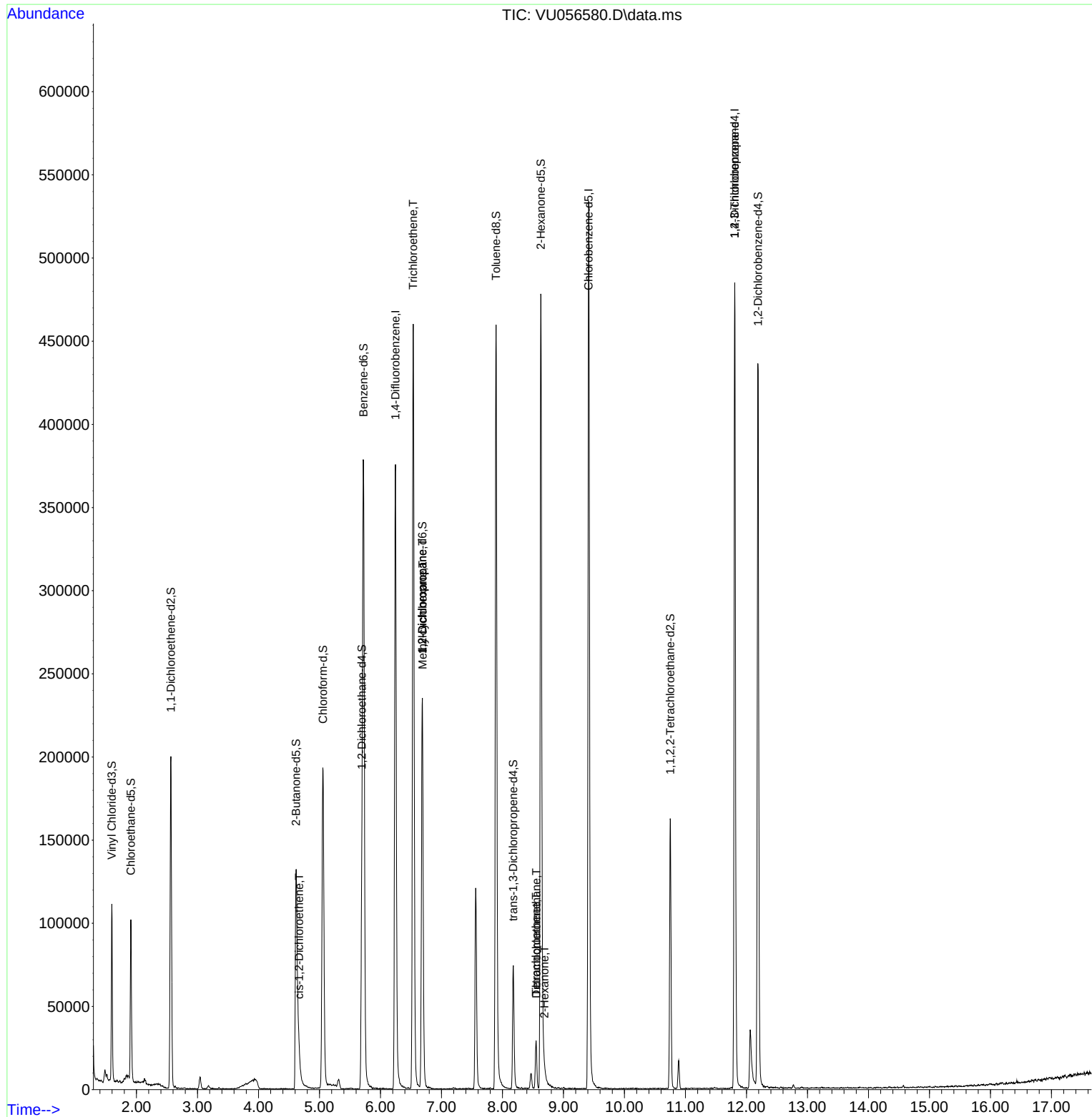
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	302454	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	310892	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	128219	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	75862	3.353	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.000%
7) Chloroethane-d5	1.907	69	74065	4.270	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.563	65	38049	3.811	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	4.615	46	206561	45.791	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.580%
24) Chloroform-d	5.055	84	186538	4.263	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	5.695	65	95727	4.734	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.721	84	362436	3.913	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.200%
36) 1,2-Dichloropropane-d6	6.685	67	117073	4.194	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.894	98	326852	3.996	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	8.177	79	44213	4.129	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.627	63	167402	39.786	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.580%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	81449	4.083	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	113036	4.772	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.666	96	5873	0.272	ug/L	99
34) Trichloroethene	6.534	95	164073	6.788	ug/L	98
35) Methylcyclohexane	6.689	83	27804	0.797	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	13073	0.565	ug/L #	88
47) Tetrachloroethene	8.550	164	6436	0.395	ug/L	94
48) 2-Hexanone	8.689	43	5606	0.628	ug/L #	70
49) Dibromochloromethane	8.554	129	6911	0.394	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	15828	1.439	ug/L #	68

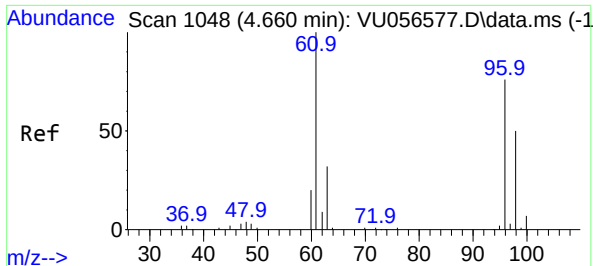
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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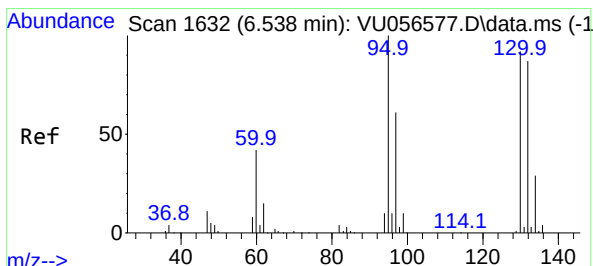
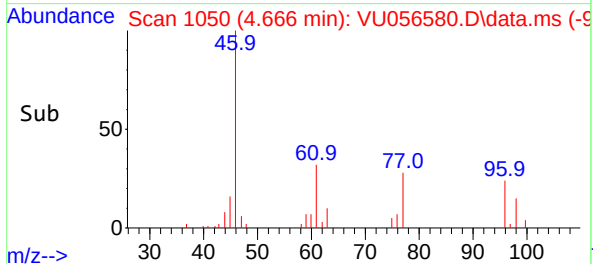
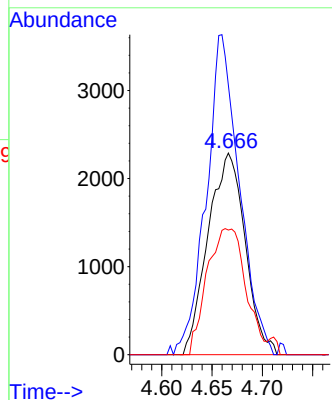
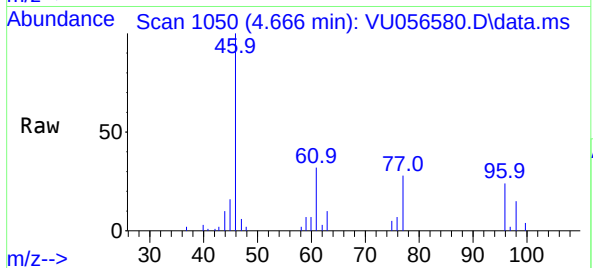




#22
cis-1,2-Dichloroethene
Concen: 0.272 ug/L
RT: 4.666 min Scan# 1048
Delta R.T. 0.006 min
Lab File: VU056580.D
Acq: 22 Nov 2023 11:45

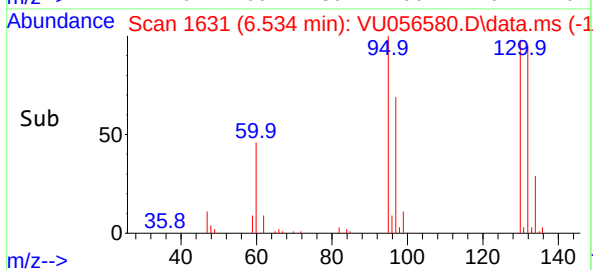
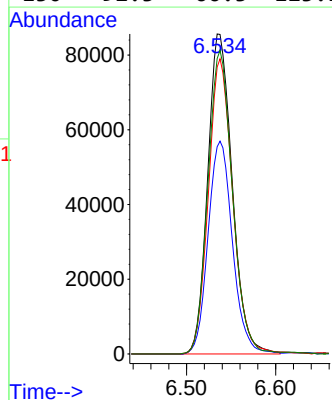
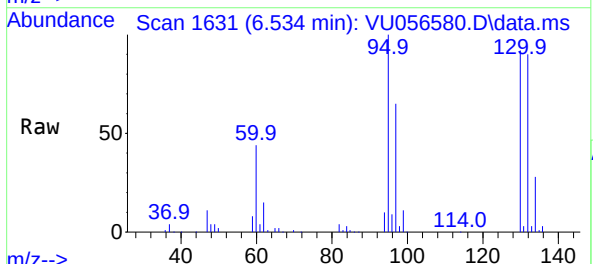
Instrument :
MSVOA_U
ClientSampleId :

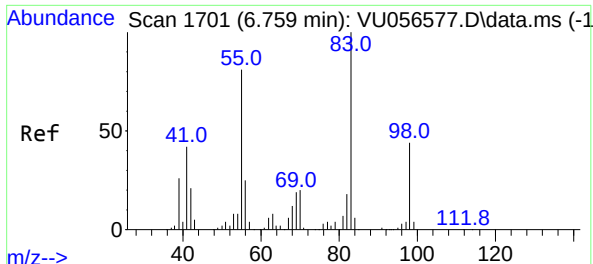
Tgt Ion: 96 Resp: 5873
Ion Ratio Lower Upper
96 100
61 133.8 93.2 173.2
98 61.8 44.8 83.2



#34
Trichloroethene
Concen: 6.788 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU056580.D
Acq: 22 Nov 2023 11:45

Tgt Ion: 95 Resp: 164073
Ion Ratio Lower Upper
95 100
97 64.7 46.5 86.3
132 89.6 62.0 115.2
130 92.3 66.3 123.1

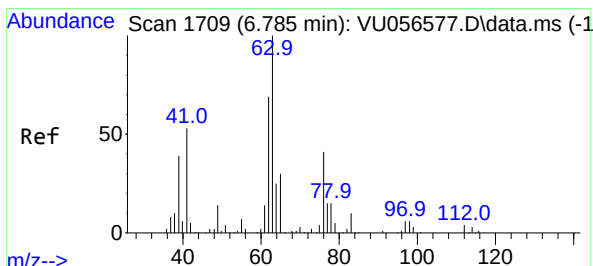
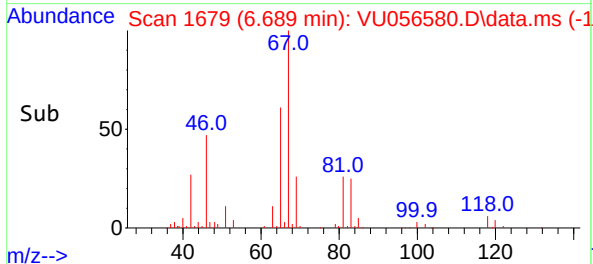
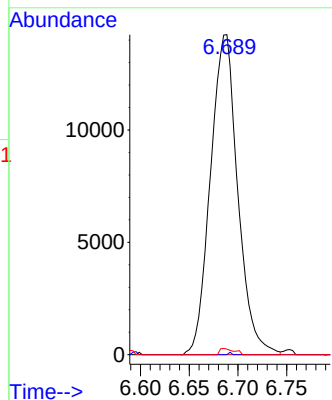
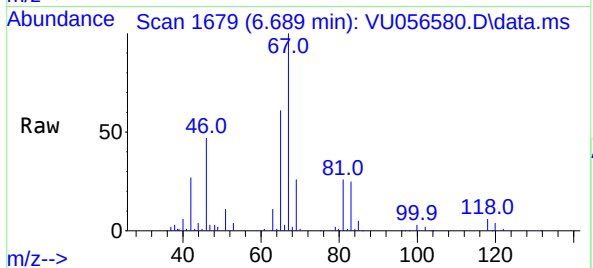




#35
Methylcyclohexane
Concen: 0.797 ug/L
RT: 6.689 min Scan# 1
Delta R.T. -0.068 min
Lab File: VU056580.D
Acq: 22 Nov 2023 11:45

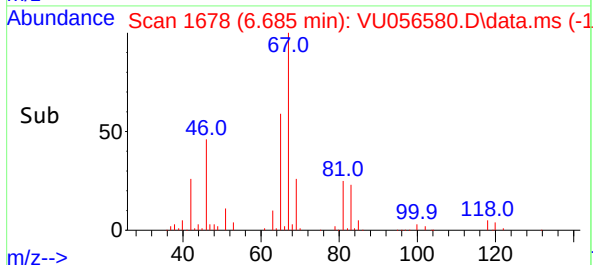
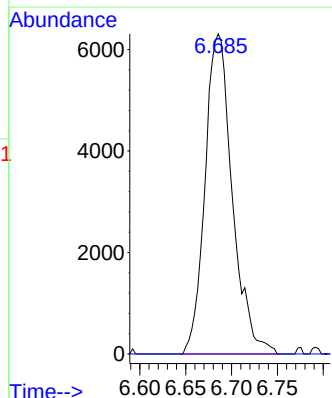
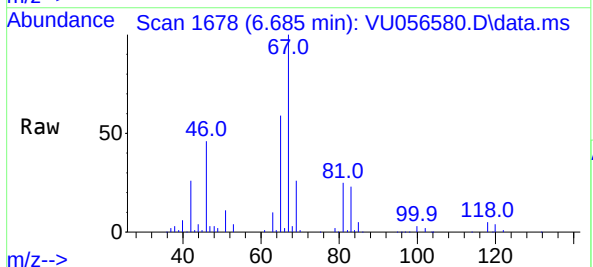
Instrument :
MSVOA_U
ClientSampleId :

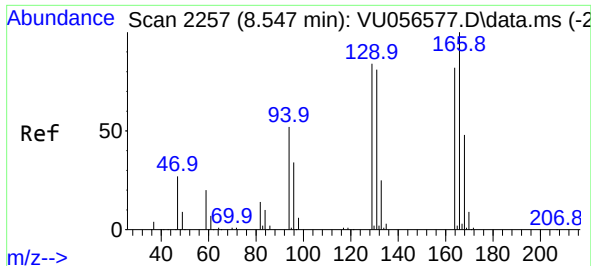
Tgt Ion: 83 Resp: 27804
Ion Ratio Lower Upper
83 100
55 0.1 62.9 94.3#
98 1.0 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.565 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.096 min
Lab File: VU056580.D
Acq: 22 Nov 2023 11:45

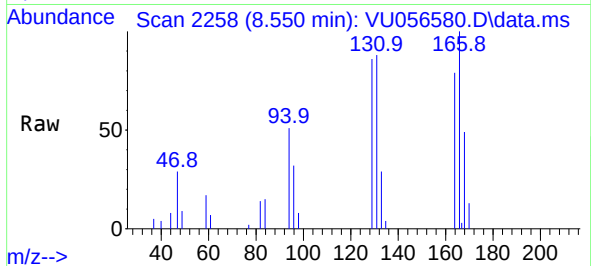
Tgt Ion: 63 Resp: 13073
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





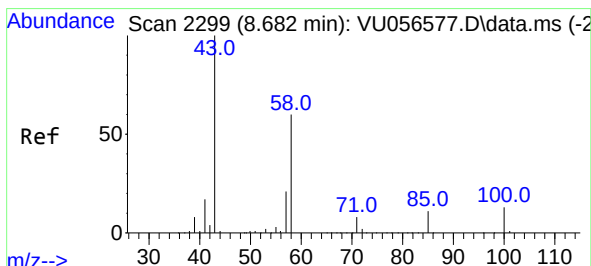
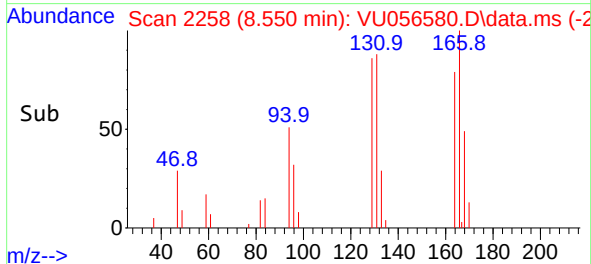
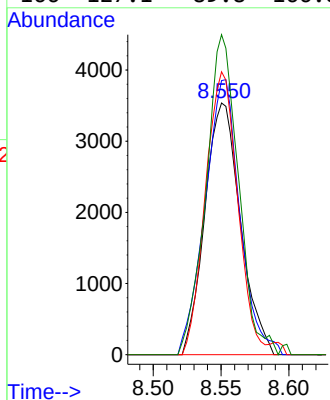
#47
Tetrachloroethene
Concen: 0.395 ug/L
RT: 8.550 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056580.D
Acq: 22 Nov 2023 11:45

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 6436

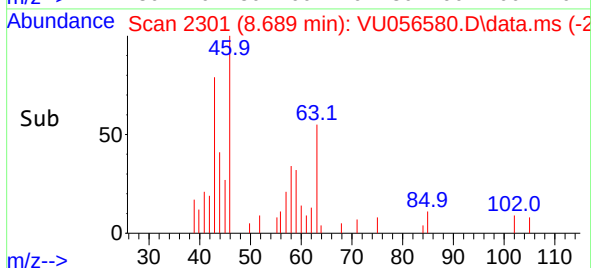
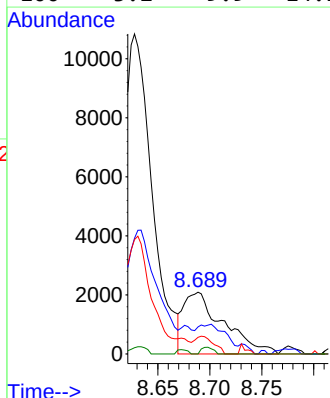
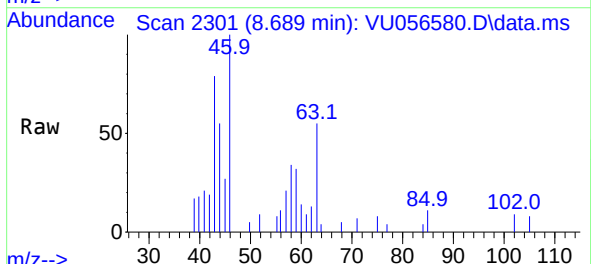
Ion	Ratio	Lower	Upper
164	100		
129	108.8	71.0	131.9
131	112.4	70.3	130.7
166	127.1	89.8	166.8

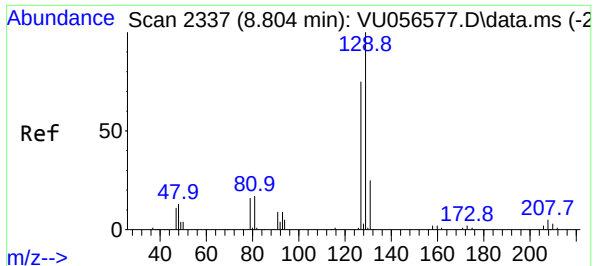


#48
2-Hexanone
Concen: 0.628 ug/L
RT: 8.689 min Scan# 2301
Delta R.T. 0.010 min
Lab File: VU056580.D
Acq: 22 Nov 2023 11:45

Tgt Ion: 43 Resp: 5606

Ion	Ratio	Lower	Upper
43	100		
58	33.4	48.7	73.1#
57	13.4	16.8	25.2#
100	3.2	9.9	14.9#

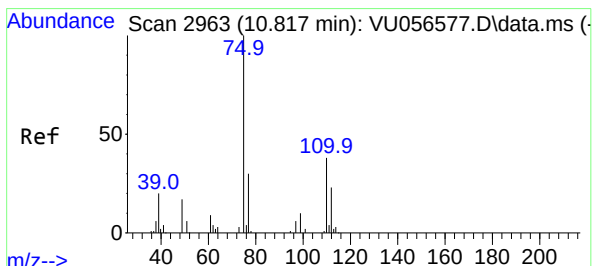
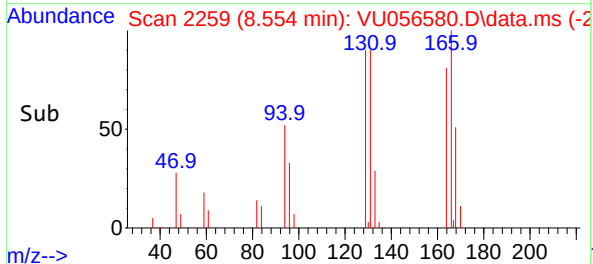
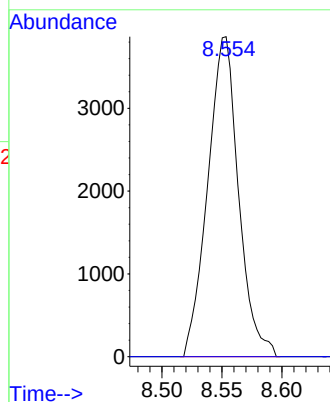
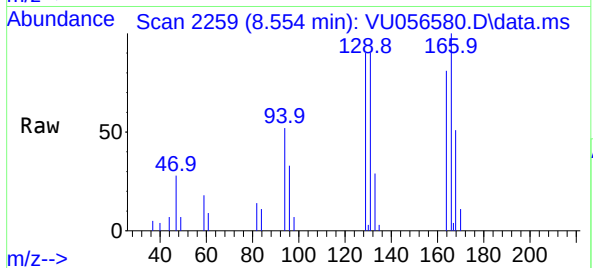




#49
Dibromochloromethane
Concen: 0.394 ug/L
RT: 8.554 min Scan# 21
Delta R.T. -0.251 min
Lab File: VU056580.D
Acq: 22 Nov 2023 11:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 6911
Ion Ratio Lower Upper
129 100
127 0.0 52.9 98.3#



#61
1,2,3-Trichloropropane
Concen: 1.439 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056580.D
Acq: 22 Nov 2023 11:45

Tgt Ion: 75 Resp: 15828
Ion Ratio Lower Upper
75 100
110 2.4 30.4 45.6#
77 34.8 27.0 40.6

