

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121623\
 Data File : VU056951.D
 Acq On : 17 Dec 2023 03:04
 Operator : MD/SY
 Sample : 05811-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 03:19:46 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)

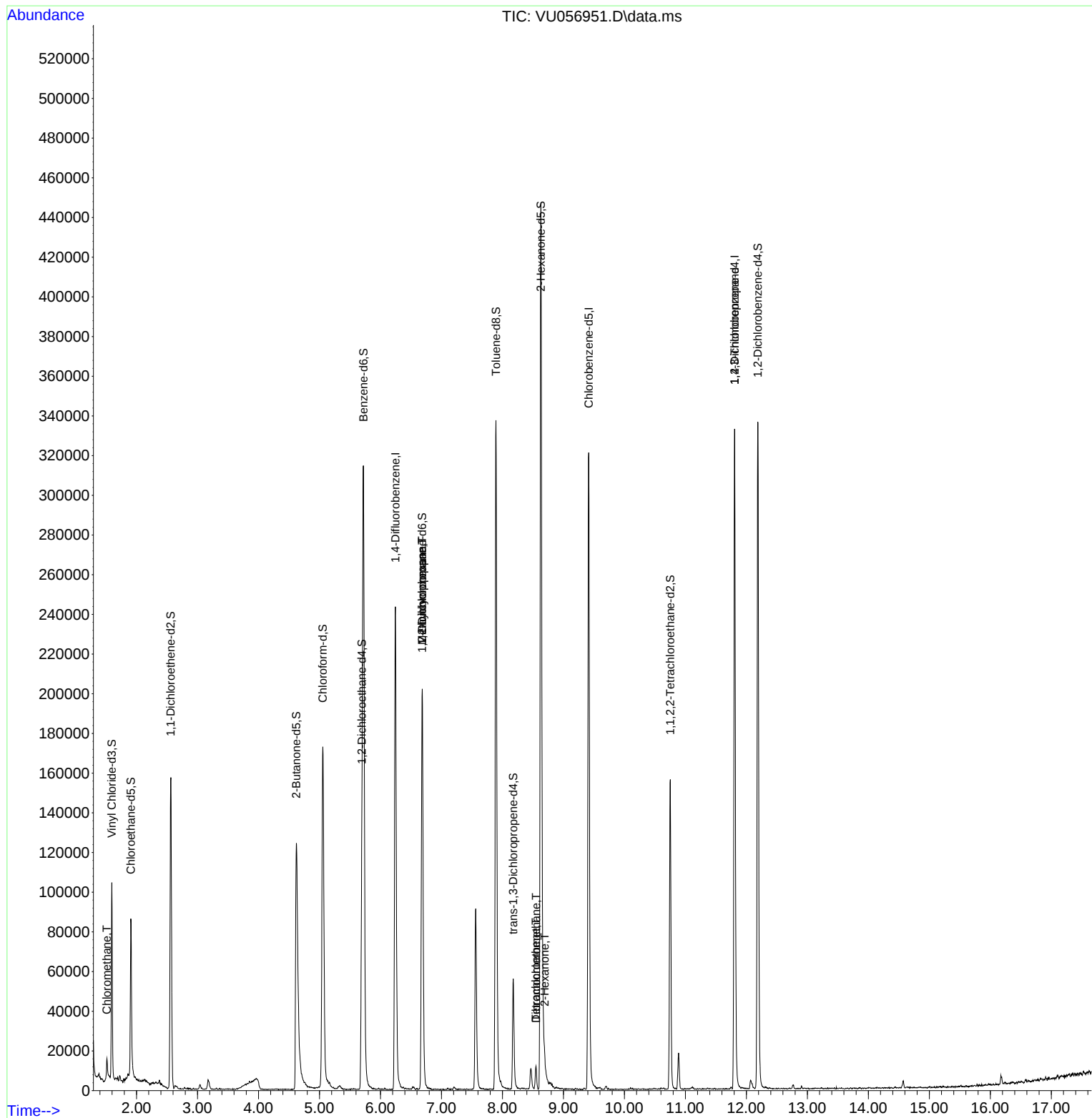
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	195046	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	189582	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	90336	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	67341	4.028	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.907	69	59036	4.719	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.400%
11) 1,1-Dichloroethene-d2	2.560	65	31174	4.358	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	4.621	46	202704	61.394	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.780%
24) Chloroform-d	5.055	84	166863	5.271	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	5.695	65	81990	5.473	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.400%
32) Benzene-d6	5.721	84	299093	5.086	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	6.685	67	102001	5.542	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.800%
41) Toluene-d8	7.894	98	230585	4.387	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	8.177	79	34039	4.769	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.630	63	154154	57.264	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.520%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	79114	5.941	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	91464	5.151	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	6123	0.305	ug/L	98
35) Methylcyclohexane	6.685	83	24425	0.906	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	11199	0.657	ug/L #	89
47) Tetrachloroethene	8.550	164	2519	0.197	ug/L	86
48) 2-Hexanone	8.692	43	5682	0.986	ug/L #	45
49) Dibromochloromethane	8.553	129	2478	0.187	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	11657	1.202	ug/L #	68

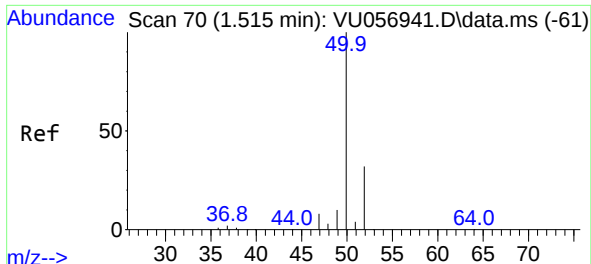
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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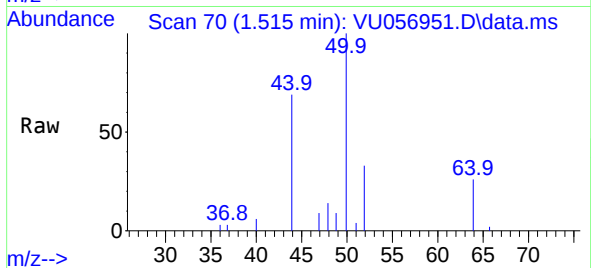
Quant Time: Dec 17 03:19:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
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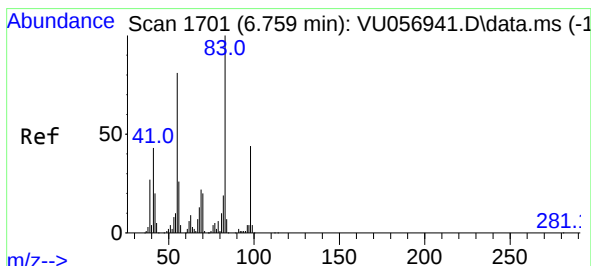
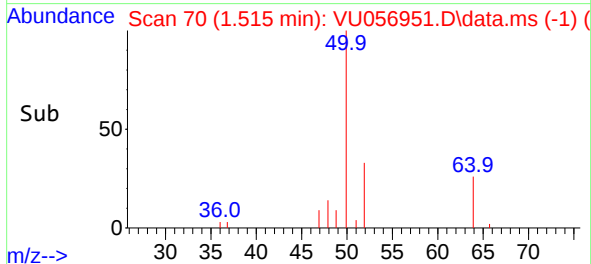
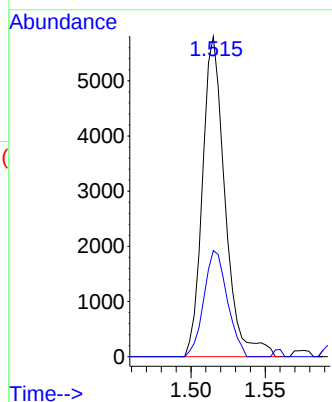


#3
Chloromethane
Concen: 0.305 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU056951.D
Acq: 17 Dec 2023 03:04

Instrument :
MSVOA_U
ClientSampleId :

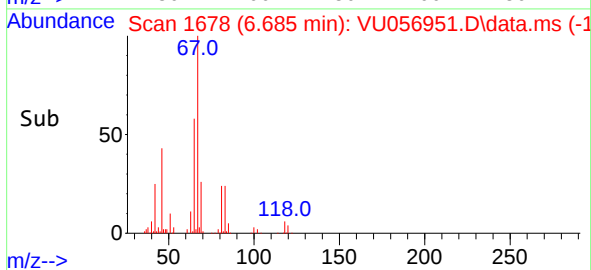
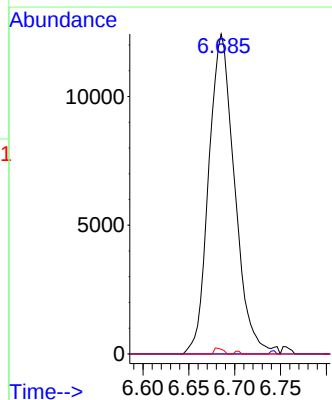
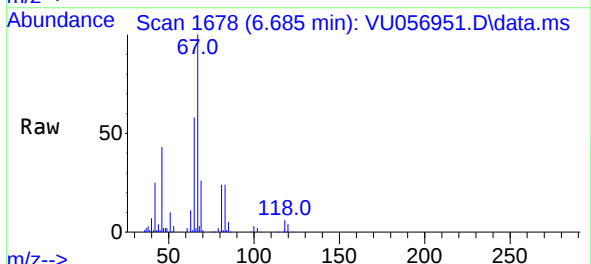


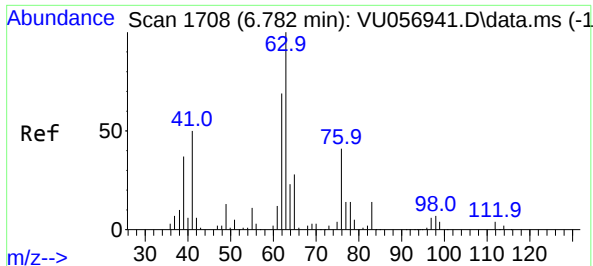
Tgt Ion: 50 Resp: 6123
Ion Ratio Lower Upper
50 100
52 33.1 22.5 41.7



#35
Methylcyclohexane
Concen: 0.906 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056951.D
Acq: 17 Dec 2023 03:04

Tgt Ion: 83 Resp: 24425
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 0.6 36.1 54.1#

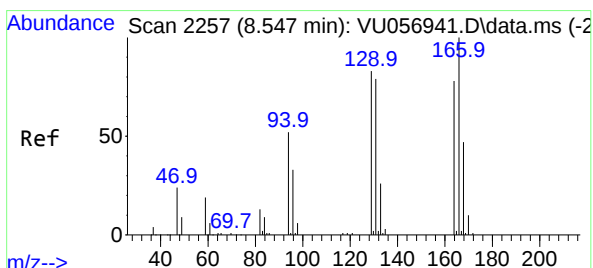
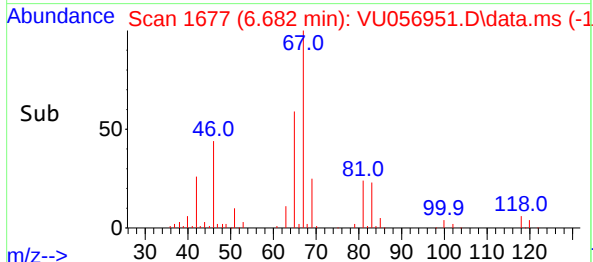
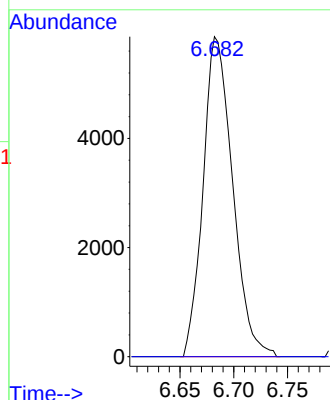
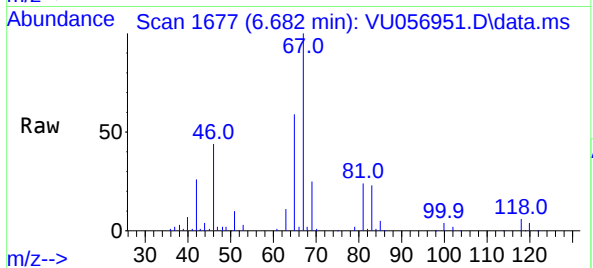




#37
1,2-Dichloropropane
Concen: 0.657 ug/L
RT: 6.682 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU056951.D
Acq: 17 Dec 2023 03:04

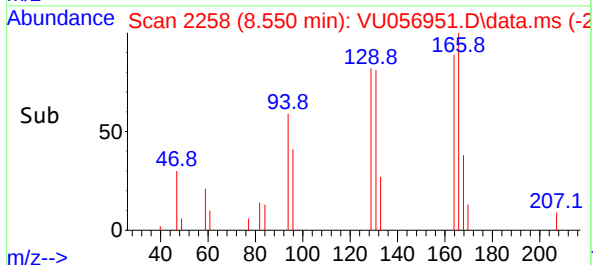
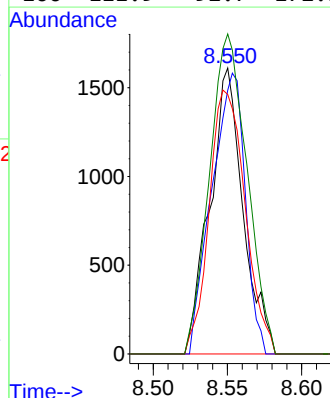
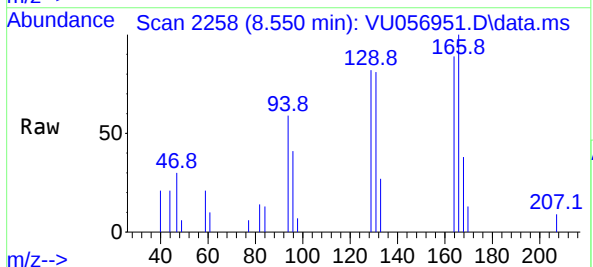
Instrument :
MSVOA_U
ClientSampleId :

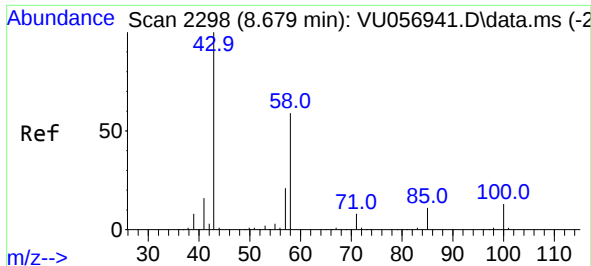
Tgt Ion: 63 Resp: 11199
Ion Ratio Lower Upper
63 100
112 0.6 3.3 4.9#



#47
Tetrachloroethene
Concen: 0.197 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU056951.D
Acq: 17 Dec 2023 03:04

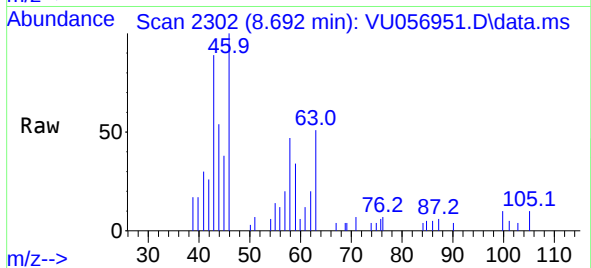
Tgt Ion:164 Resp: 2519
Ion Ratio Lower Upper
164 100
129 92.2 73.4 136.4
131 90.8 71.5 132.9
166 111.9 92.7 172.1



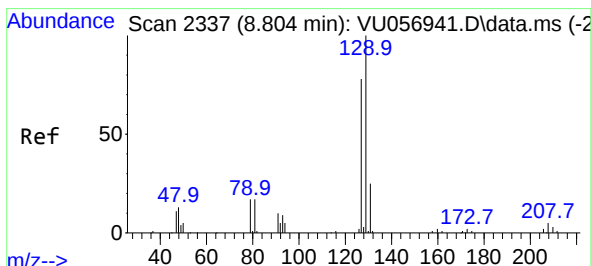
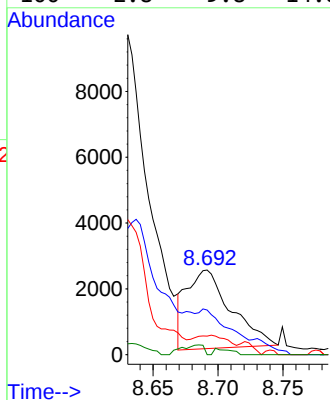
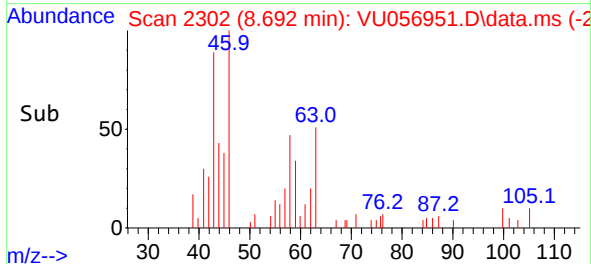


#48
2-Hexanone
Concen: 0.986 ug/L
RT: 8.692 min Scan# 21
Delta R.T. 0.013 min
Lab File: VU056951.D
Acq: 17 Dec 2023 03:04

Instrument :
MSVOA_U
ClientSampleId :

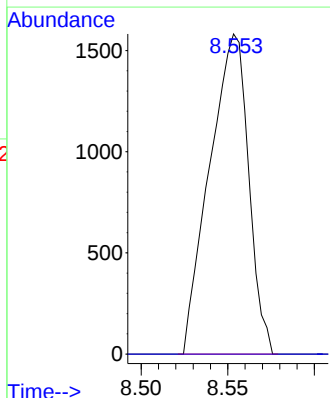
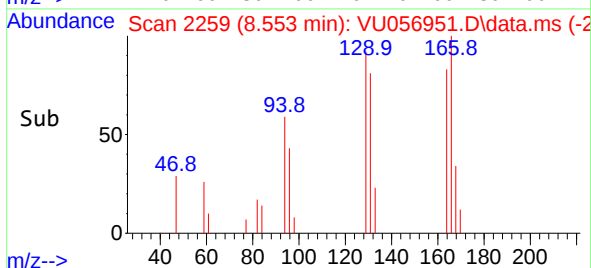
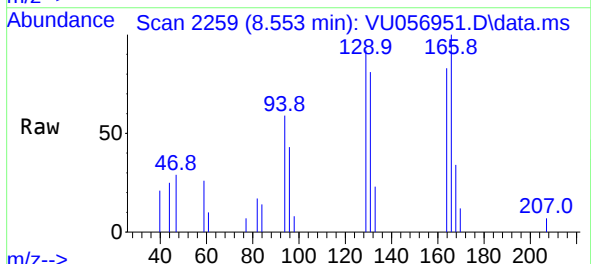


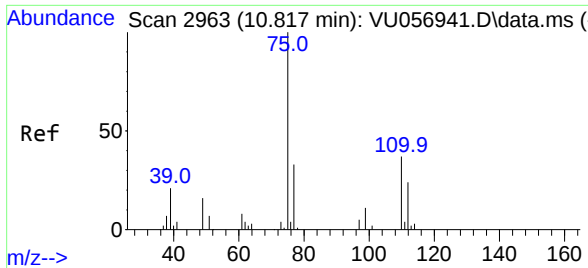
Tgt Ion: 43 Resp: 5682
Ion Ratio Lower Upper
43 100
58 0.0 47.5 71.3#
57 18.4 17.0 25.4
100 2.8 9.8 14.8#



#49
Dibromochloromethane
Concen: 0.187 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. -0.251 min
Lab File: VU056951.D
Acq: 17 Dec 2023 03:04

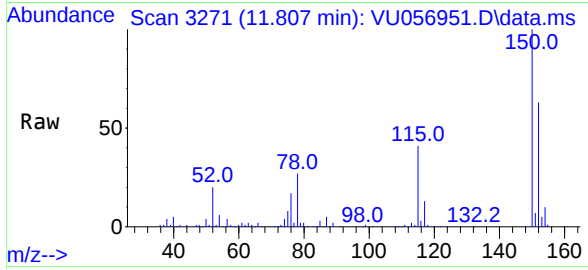
Tgt Ion: 129 Resp: 2478
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#





#61
1,2,3-Trichloropropane
Concen: 1.202 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU056951.D
Acq: 17 Dec 2023 03:04

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	11657
Ion	Ratio	Lower	Upper
75	100		
110	2.6	28.4	42.6#
77	29.8	26.3	39.5

