

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102823\
 Data File : VU055984.D
 Acq On : 28 Oct 2023 19:19
 Operator : MD/SY
 Sample : 05114-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 04:56:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 30 04:51:15 2023
 Response via : Initial Calibration

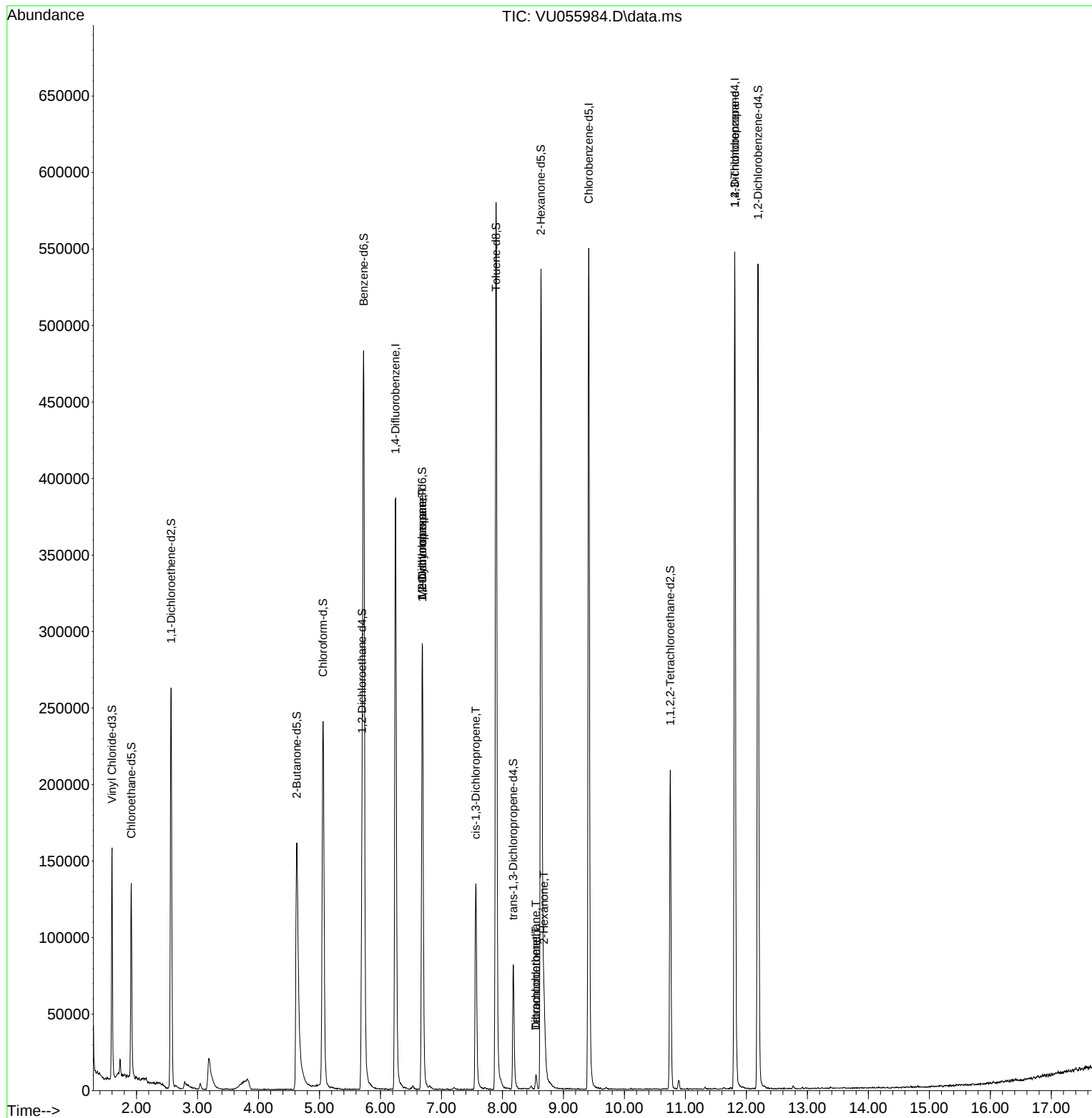
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	332953	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	332377	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	154094	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	109767	4.168	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.400%	
7) Chloroethane-d5	1.914	69	97353	4.742	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.800%	
11) 1,1-Dichloroethene-d2	2.567	65	49645	4.440	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.800%	
20) 2-Butanone-d5	4.628	46	240975	51.285	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.580%	
24) Chloroform-d	5.058	84	237086	4.858	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.200%	
26) 1,2-Dichloroethane-d4	5.698	65	114227	4.804	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.000%	
32) Benzene-d6	5.724	84	484590	4.894	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.800%	
36) 1,2-Dichloropropane-d6	6.685	67	151391	5.158	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.200%	
41) Toluene-d8	7.897	98	418330	4.658	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.200%	
43) trans-1,3-Dichloroprop...	8.177	79	49975	4.354	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.000%	
46) 2-Hexanone-d5	8.631	63	193147	66.283	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	132.560%#	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	108967	5.098	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	153099	5.325	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.600%	
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.685	83	35452	1.280	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	14969	0.769	ug/L #	91
39) cis-1,3-Dichloropropene	7.563	75	3986	0.144	ug/L #	70
47) Tetrachloroethene	8.550	164	2069	0.144	ug/L	91
48) 2-Hexanone	8.682	43	19620	2.658	ug/L #	86
49) Dibromochloromethane	8.550	129	2122	0.141	ug/L #	11
61) 1,2,3-Trichloropropane	11.810	75	17440	1.649	ug/L #	67

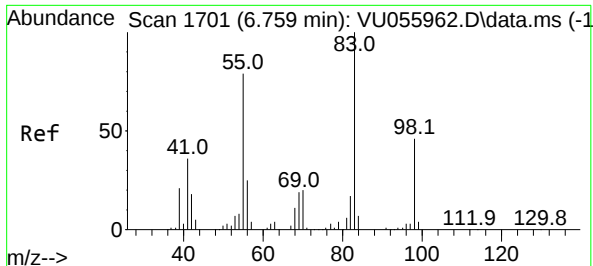
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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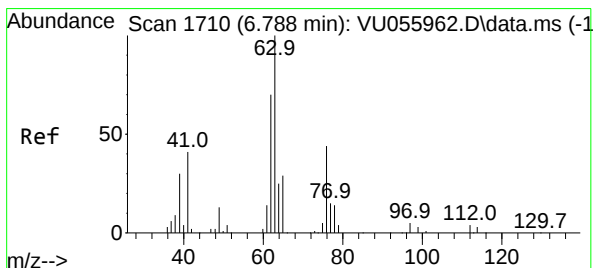
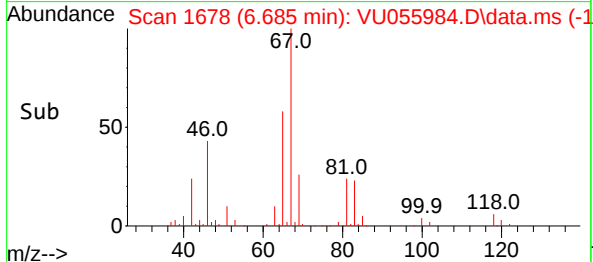
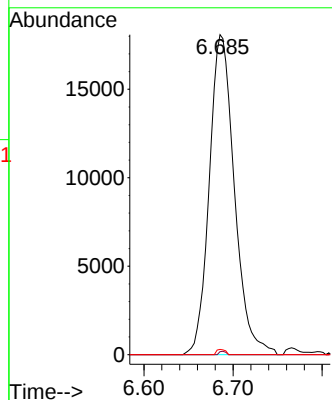
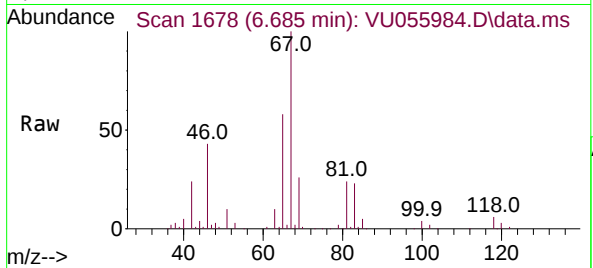




#35
Methylcyclohexane
Concen: 1.280 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU055984.D
Acq: 28 Oct 2023 19:19

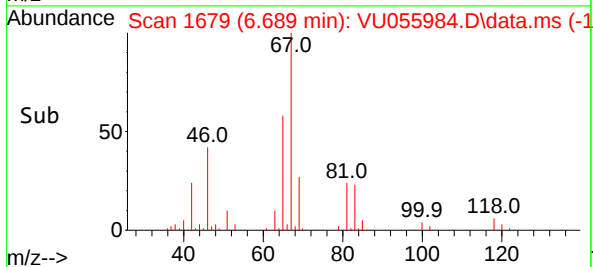
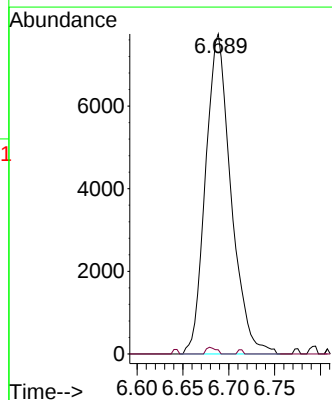
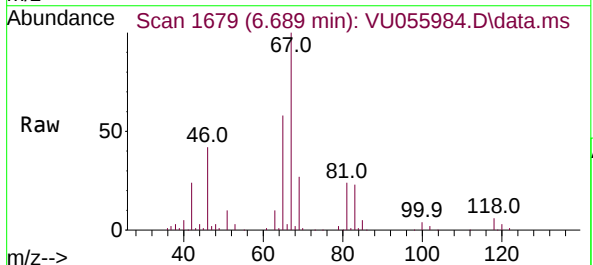
Instrument :
MSVOA_U
ClientSampleId :

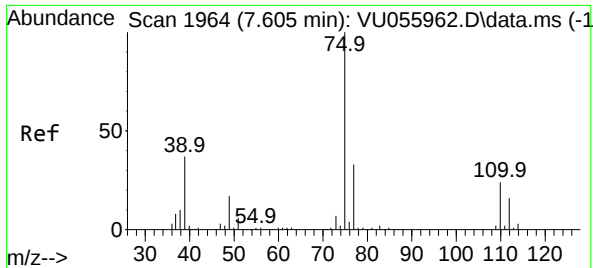
Tgt Ion: 83 Resp: 35452
Ion Ratio Lower Upper
83 100
55 0.3 62.4 93.6#
98 0.6 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 0.769 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU055984.D
Acq: 28 Oct 2023 19:19

Tgt Ion: 63 Resp: 14969
Ion Ratio Lower Upper
63 100
112 0.8 3.1 4.7#

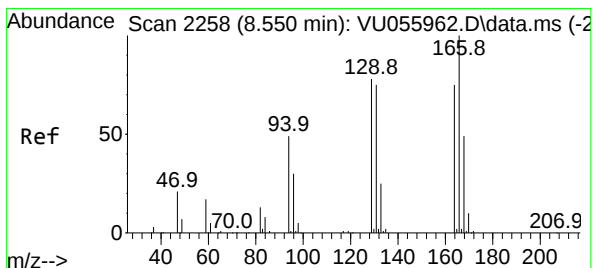
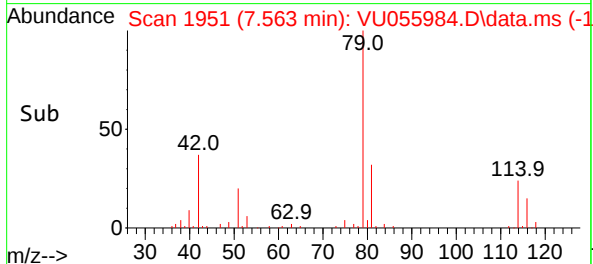
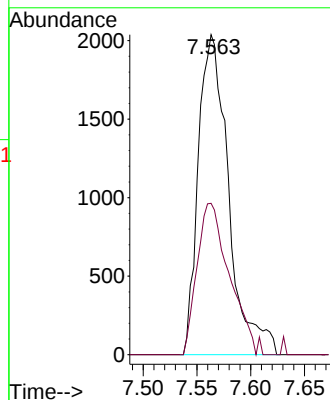
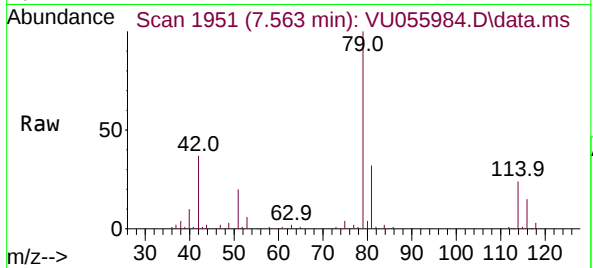




#39
 cis-1,3-Dichloropropene
 Concen: 0.144 ug/L
 RT: 7.563 min Scan# 1964
 Delta R.T. -0.042 min
 Lab File: VU055984.D
 Acq: 28 Oct 2023 19:19

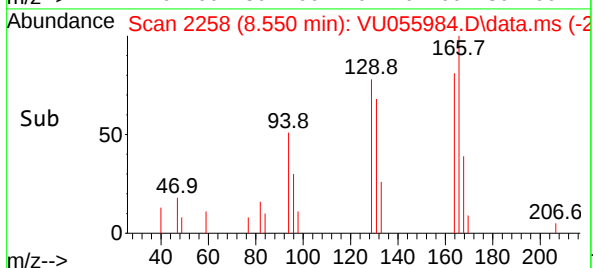
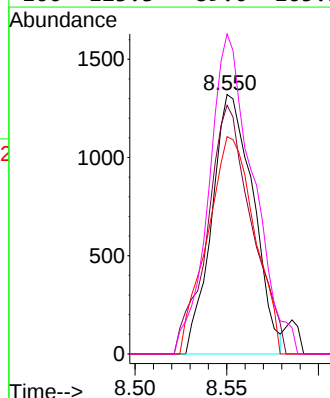
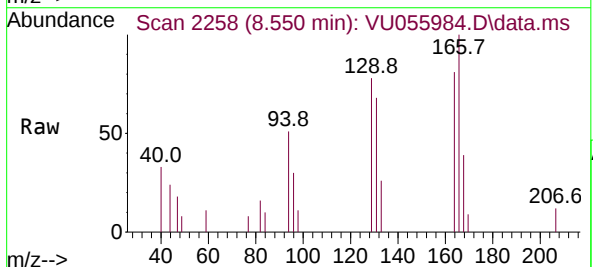
Instrument :
 MSVOA_U
 ClientSampleId :

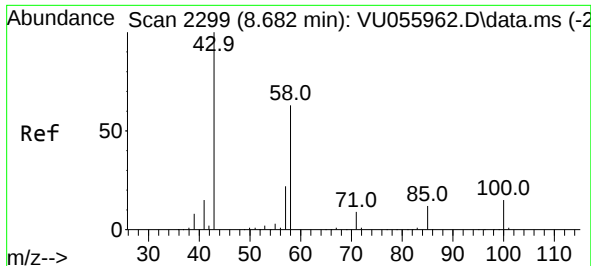
Tgt Ion: 75 Resp: 3986
 Ion Ratio Lower Upper
 75 100
 77 47.3 21.7 40.3#



#47
 Tetrachloroethene
 Concen: 0.144 ug/L
 RT: 8.550 min Scan# 2258
 Delta R.T. -0.000 min
 Lab File: VU055984.D
 Acq: 28 Oct 2023 19:19

Tgt Ion: 164 Resp: 2069
 Ion Ratio Lower Upper
 164 100
 129 95.8 72.2 134.0
 131 83.7 70.8 131.6
 166 123.3 89.0 165.2

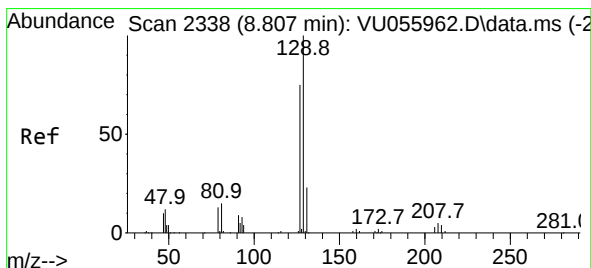
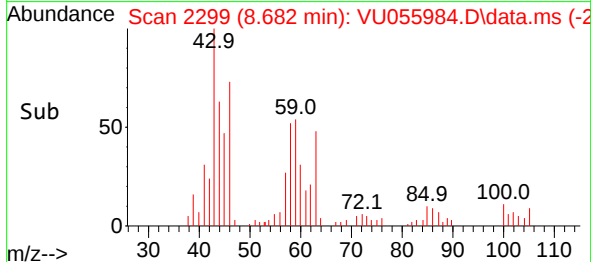
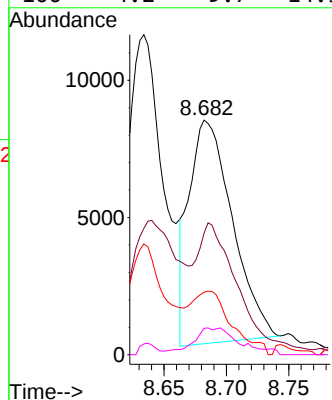
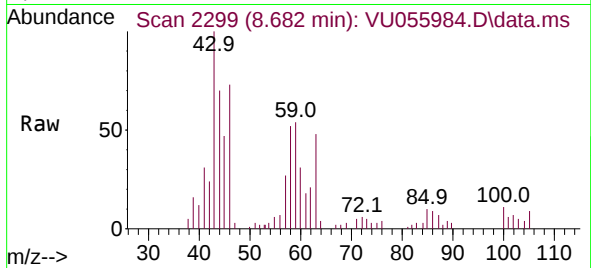




#48
2-Hexanone
Concen: 2.658 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055984.D
Acq: 28 Oct 2023 19:19

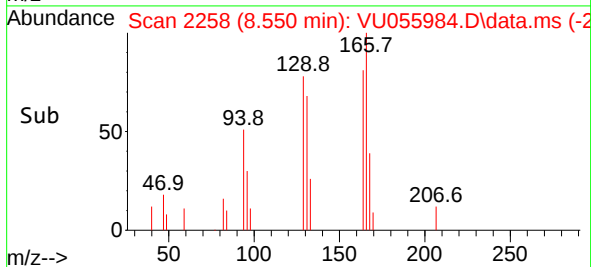
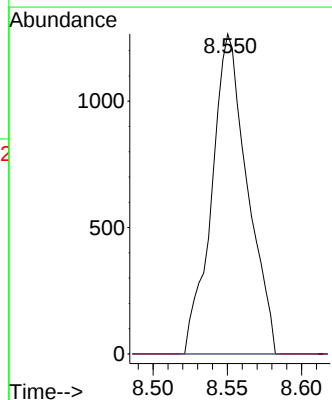
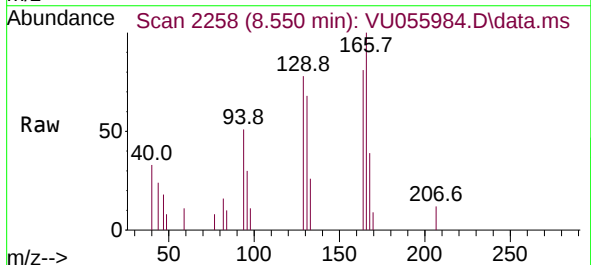
Instrument :
MSVOA_U
ClientSampleId :

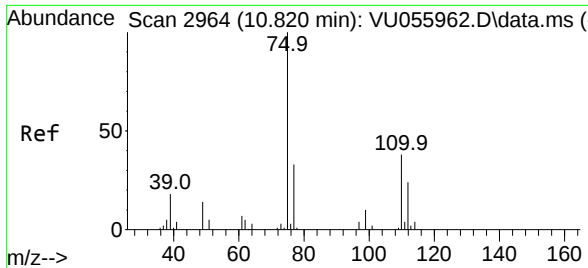
Tgt Ion: 43 Resp: 19620
Ion Ratio Lower Upper
43 100
58 51.9 49.5 74.3
57 26.8 16.9 25.3#
100 4.2 9.7 14.5#



#49
Dibromochloromethane
Concen: 0.141 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.257 min
Lab File: VU055984.D
Acq: 28 Oct 2023 19:19

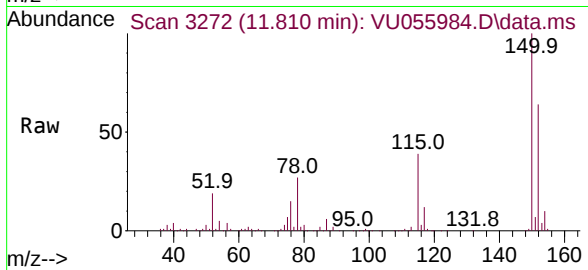
Tgt Ion: 129 Resp: 2122
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.649 ug/L
 RT: 11.810 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055984.D
 Acq: 28 Oct 2023 19:19

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	2.3	29.0	43.6#
77	32.2	24.5	36.7

