

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102823\
 Data File : VU055983.D
 Acq On : 28 Oct 2023 18:54
 Operator : MD/SY
 Sample : 05114-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 04:56:38 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

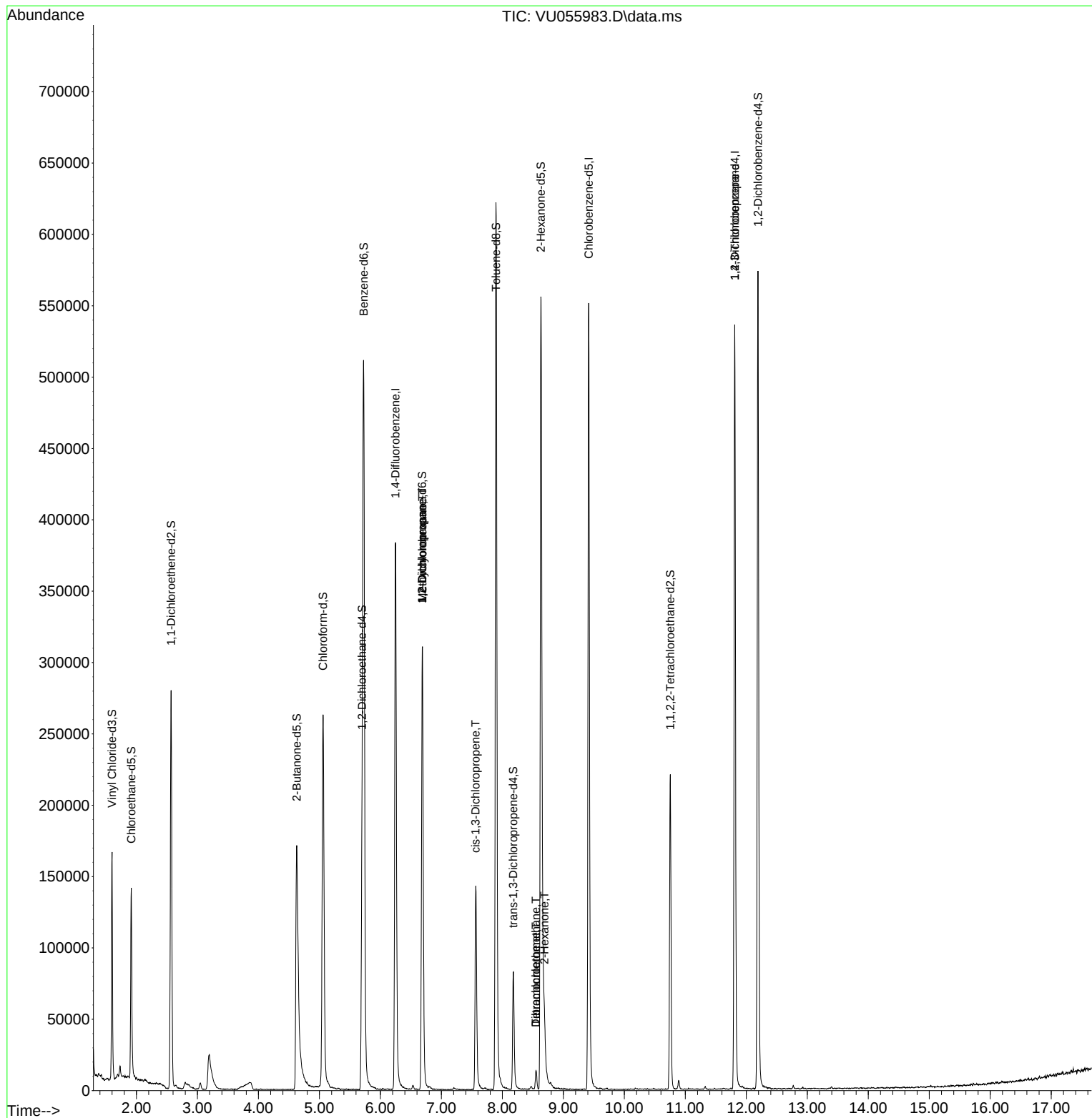
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	335311	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	330541	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	152621	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	114558	4.319	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.400%	
7) Chloroethane-d5	1.914	69	102932	4.978	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.600%	
11) 1,1-Dichloroethene-d2	2.567	65	52946	4.702	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	94.000%	
20) 2-Butanone-d5	4.628	46	254163	53.712	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.420%	
24) Chloroform-d	5.059	84	253332	5.154	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.000%	
26) 1,2-Dichloroethane-d4	5.699	65	121455	5.072	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.400%	
32) Benzene-d6	5.724	84	520343	5.285	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.600%	
36) 1,2-Dichloropropane-d6	6.686	67	160703	5.506	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	110.200%	
41) Toluene-d8	7.895	98	451027	5.050	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.000%	
43) trans-1,3-Dichloroprop...	8.178	79	53753	4.709	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.200%	
46) 2-Hexanone-d5	8.631	63	205719	70.990	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	141.980%#	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	111866	5.263	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	162020	5.690	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	113.800%	
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.689	83	37766	1.371	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	16376	0.846	ug/L #	88
39) cis-1,3-Dichloropropene	7.560	75	3766	0.136	ug/L #	70
47) Tetrachloroethene	8.551	164	3138	0.220	ug/L	88
48) 2-Hexanone	8.689	43	19321	2.632	ug/L #	96
49) Dibromochloromethane	8.547	129	3269	0.219	ug/L #	11
61) 1,2,3-Trichloropropane	11.811	75	17639	1.683	ug/L #	66

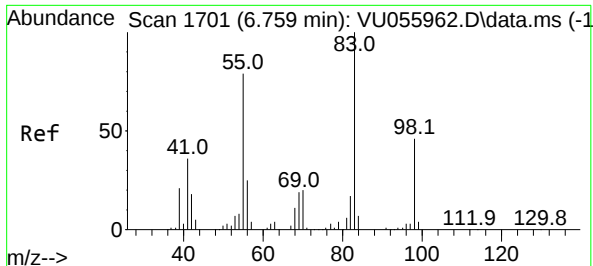
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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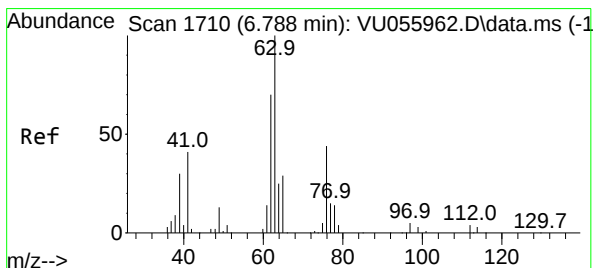
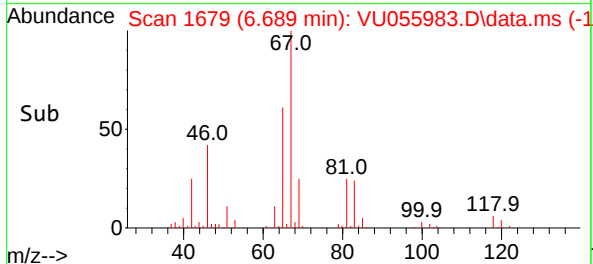
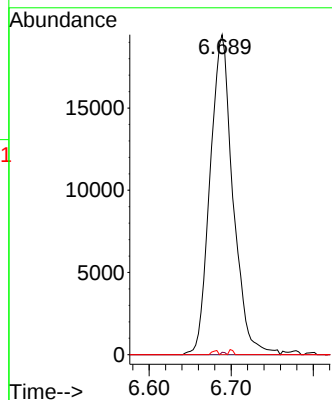
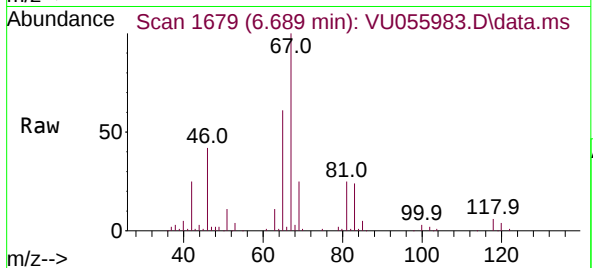




#35
Methylcyclohexane
Concen: 1.371 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.070 min
Lab File: VU055983.D
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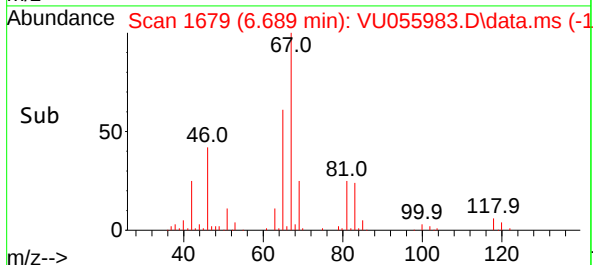
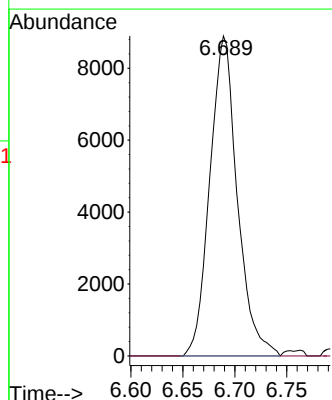
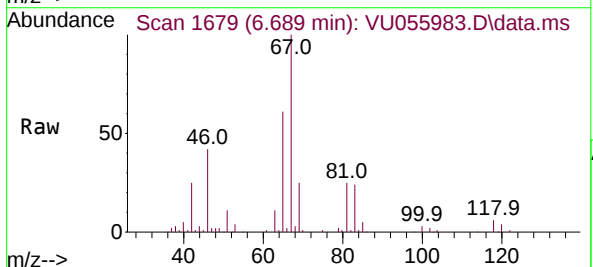
Instrument :
MSVOA_U
ClientSampleId :

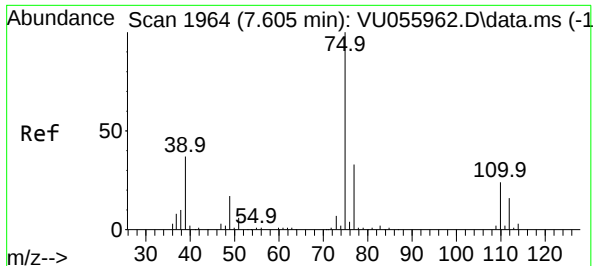
Tgt Ion: 83 Resp: 37766
Ion Ratio Lower Upper
83 100
55 0.1 62.4 93.6#
98 0.3 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 0.846 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.099 min
Lab File: VU055983.D
Acq: 28 Oct 2023 18:54

Tgt Ion: 63 Resp: 16376
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.136 ug/L

RT: 7.560 min Scan# 1964

Delta R.T. -0.045 min

Lab File: VU055983.D

Acq: 28 Oct 2023 18:54

Instrument :

MSVOA_U

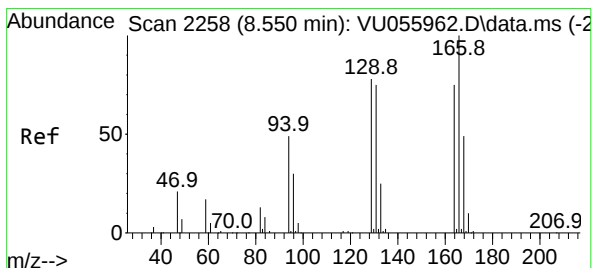
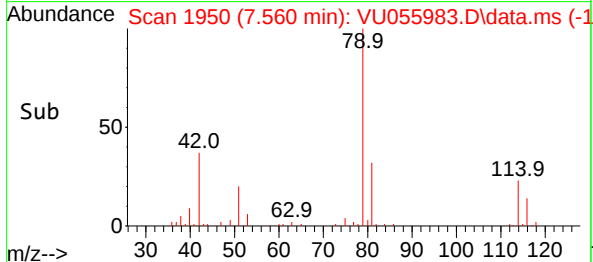
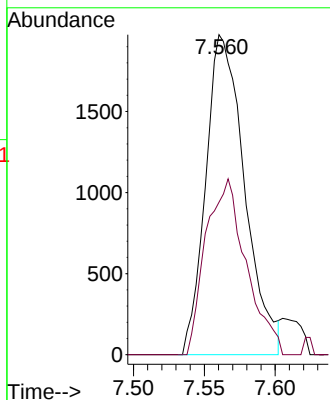
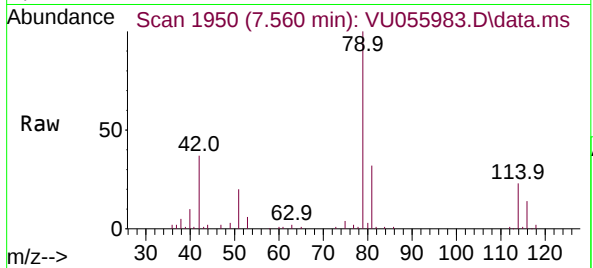
ClientSampleId :

Tgt Ion: 75 Resp: 3766

Ion Ratio Lower Upper

75 100

77 47.7 21.7 40.3#



#47

Tetrachloroethene

Concen: 0.220 ug/L

RT: 8.551 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VU055983.D

Acq: 28 Oct 2023 18:54

Tgt Ion: 164 Resp: 3138

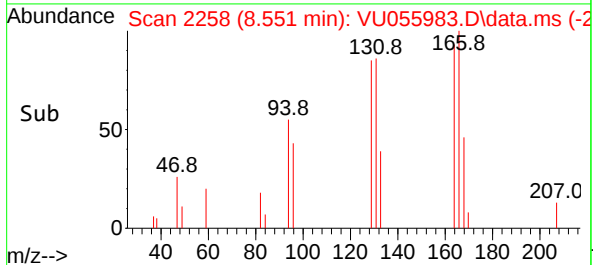
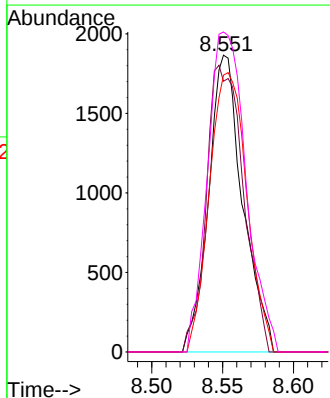
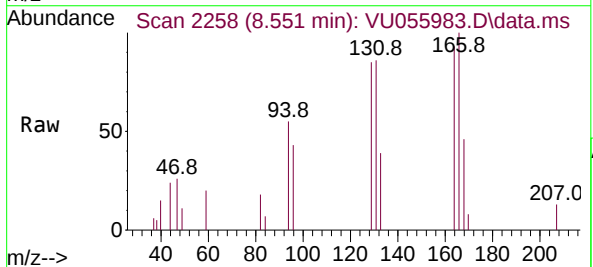
Ion Ratio Lower Upper

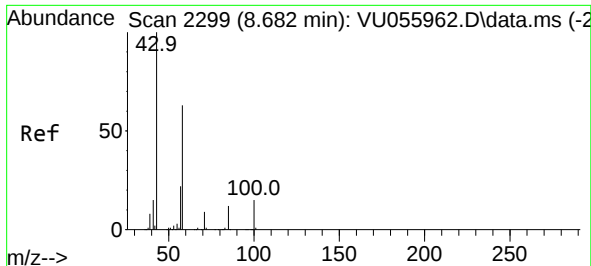
164 100

129 91.2 72.2 134.0

131 93.2 70.8 131.6

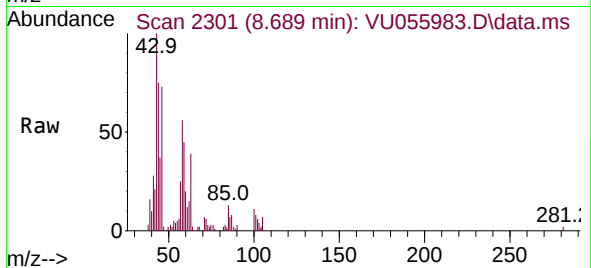
166 107.8 89.0 165.2



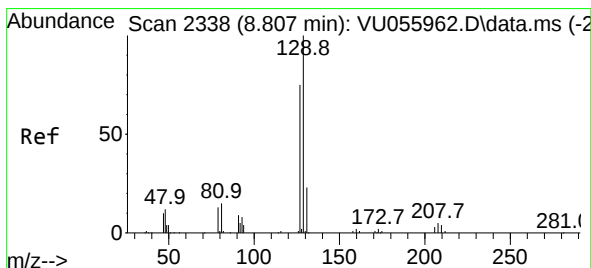
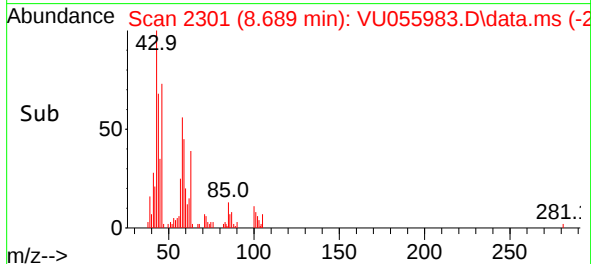
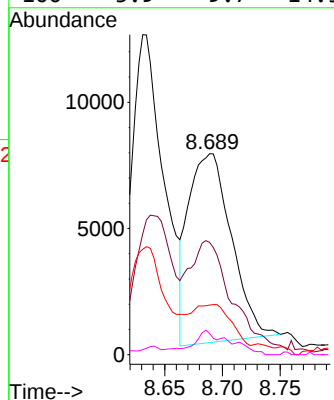


#48
2-Hexanone
Concen: 2.632 ug/L
RT: 8.689 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU055983.D
Acq: 28 Oct 2023 18:54

Instrument :
MSVOA_U
ClientSampleId :

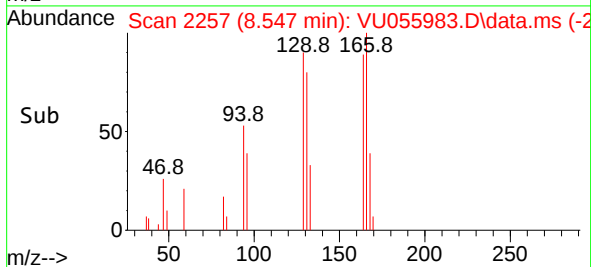
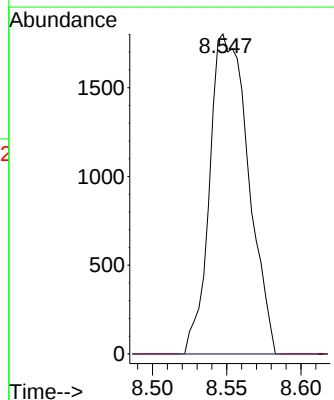
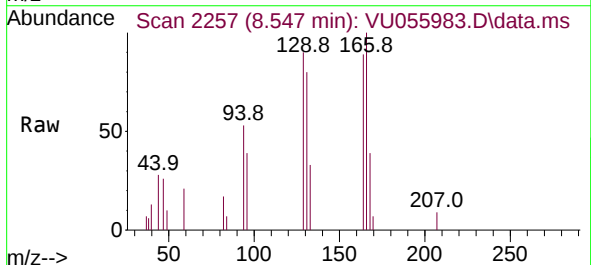


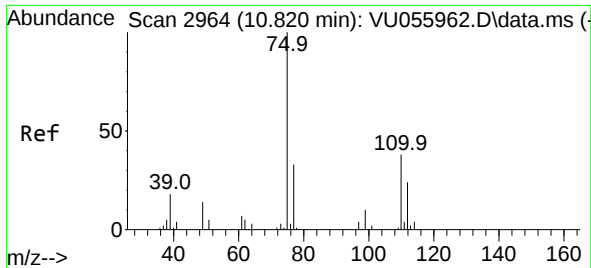
Tgt Ion: 43 Resp: 19321
Ion Ratio Lower Upper
43 100
58 61.2 49.5 74.3
57 19.9 16.9 25.3
100 3.9 9.7 14.5#



#49
Dibromochloromethane
Concen: 0.219 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.260 min
Lab File: VU055983.D
Acq: 28 Oct 2023 18:54

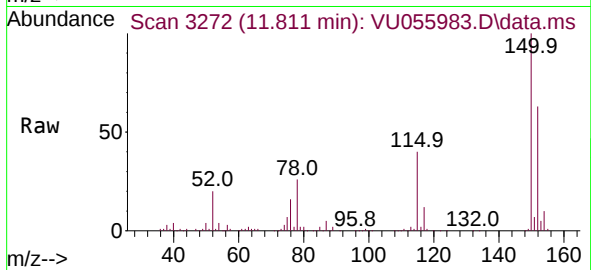
Tgt Ion: 129 Resp: 3269
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.683 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.991 min
 Lab File: VU055983.D
 Acq: 28 Oct 2023 18:54

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 17639
 Ion Ratio Lower Upper
 75 100
 110 1.8 29.0 43.6#
 77 33.4 24.5 36.7

