

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
 Data File : VU055941.D
 Acq On : 27 Oct 2023 23:40
 Operator : MD/SY
 Sample : 05113-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 28 02:00:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 05:19:13 2023
 Response via : Initial Calibration

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

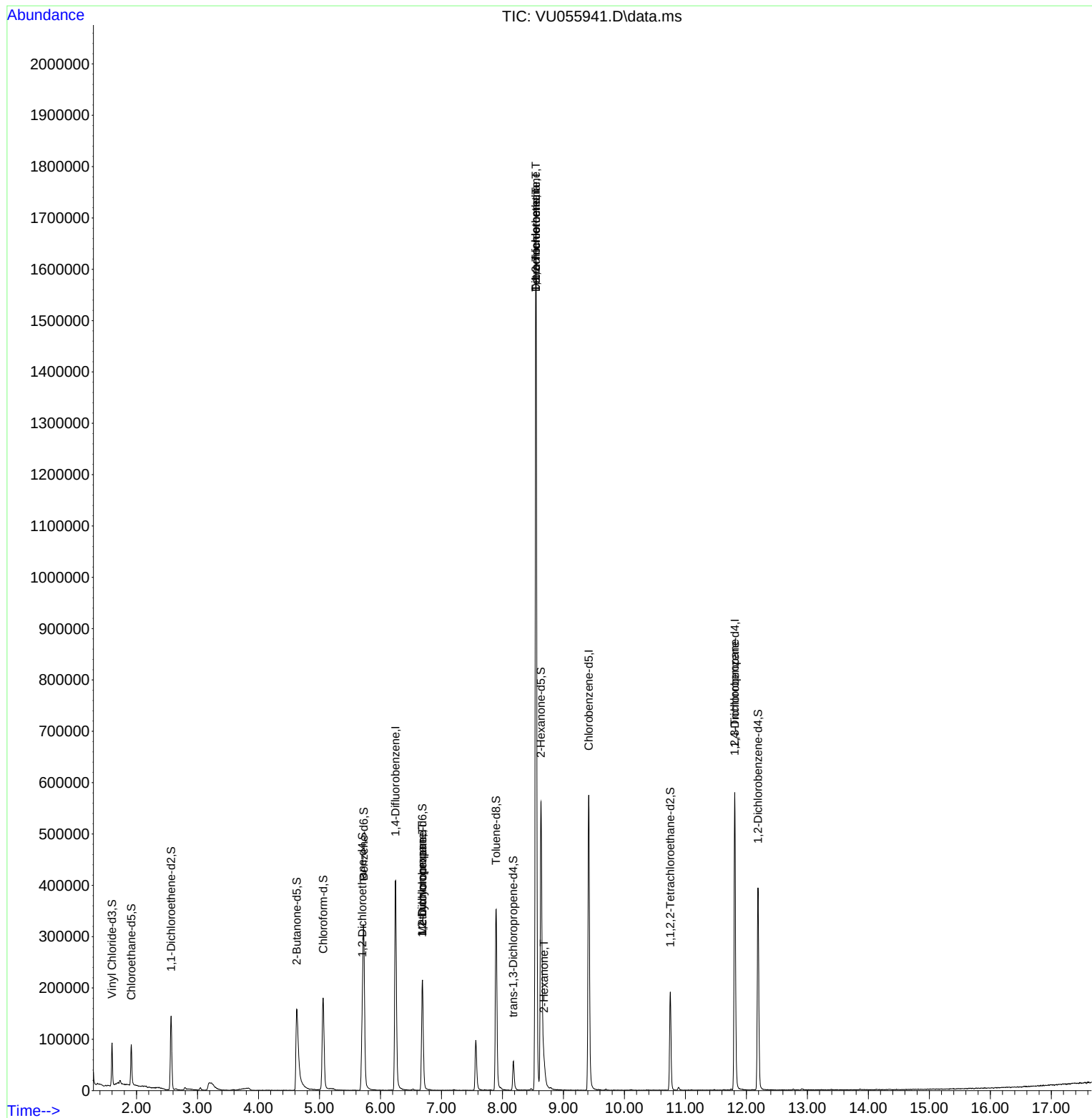
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	349146	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	346587	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	163127	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	59555	2.156	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	43.200%
7) Chloroethane-d5	1.914	69	61336	2.849	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	57.000%#
11) 1,1-Dichloroethene-d2	2.567	65	27648	2.358	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.200%#
20) 2-Butanone-d5	4.628	46	267558	54.302	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.600%
24) Chloroform-d	5.062	84	178210	3.482	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.600%#
26) 1,2-Dichloroethane-d4	5.701	65	90095	3.613	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.200%
32) Benzene-d6	5.724	84	319120	3.091	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	61.800%#
36) 1,2-Dichloropropane-d6	6.689	67	109137	3.566	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.400%
41) Toluene-d8	7.898	98	260534	2.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	55.600%#
43) trans-1,3-Dichloroprop...	8.177	79	36998	3.091	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.800%
46) 2-Hexanone-d5	8.631	63	208237	68.532	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	137.060%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	99620	4.470	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	110250	3.622	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	72.400%#
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.689	83	27135	0.940	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	11712	0.577	ug/L #	89
45) 1,1,2-Trichloroethane	8.550	97	3288	0.230	ug/L #	1
47) Tetrachloroethene	8.550	164	391778	26.147	ug/L	97
48) 2-Hexanone	8.682	43	20970	2.724	ug/L #	76
49) Dibromochloromethane	8.550	129	385658	24.603	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	18220	1.627	ug/L #	65

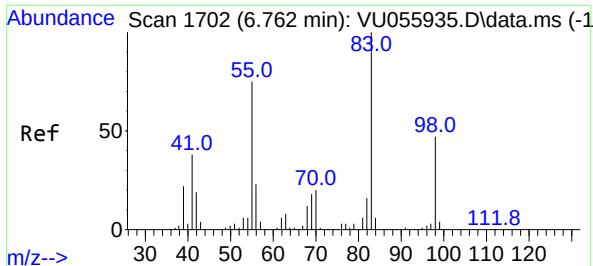
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

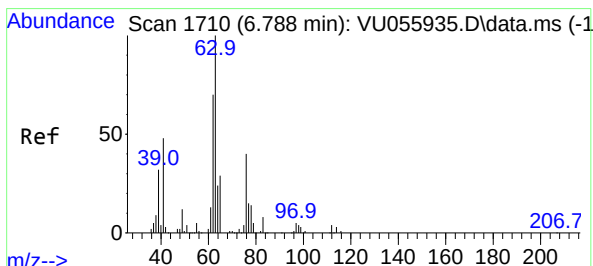
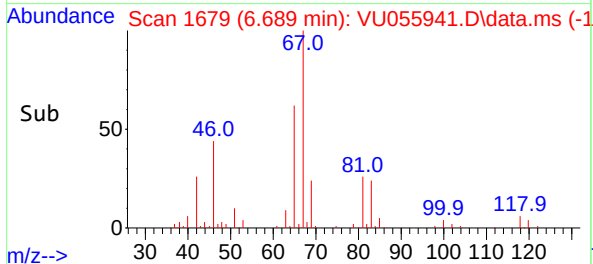
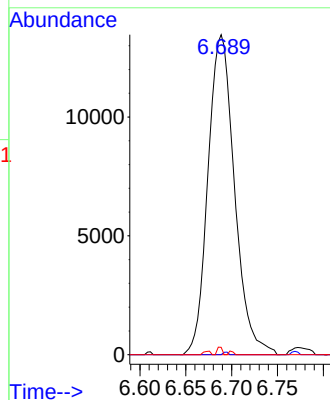
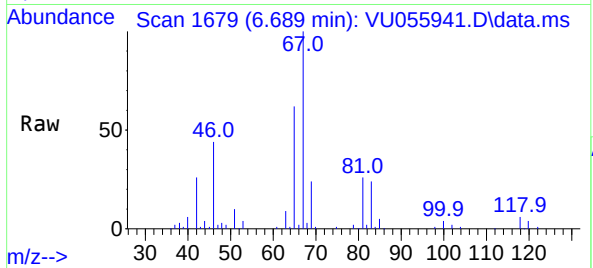




#35
Methylcyclohexane
Concen: 0.940 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055941.D
Acq: 27 Oct 2023 23:40

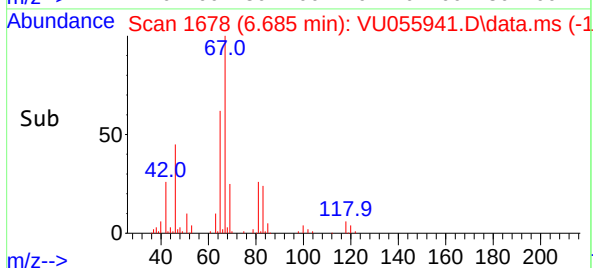
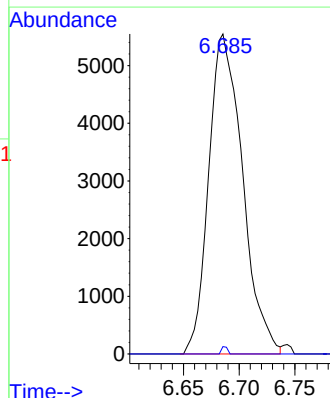
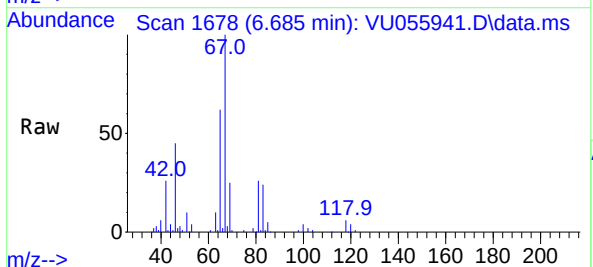
Instrument :
MSVOA_U
ClientSampleId :

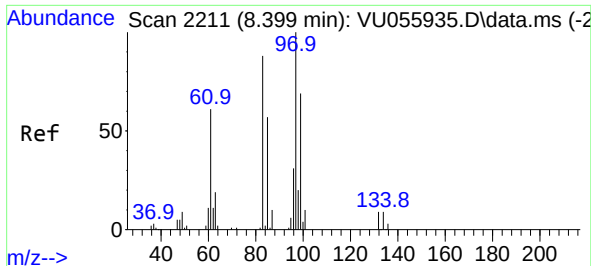
Tgt Ion: 83 Resp: 27135
Ion Ratio Lower Upper
83 100
55 0.0 62.4 93.6#
98 0.4 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 0.577 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU055941.D
Acq: 27 Oct 2023 23:40

Tgt Ion: 63 Resp: 11712
Ion Ratio Lower Upper
63 100
112 0.4 3.1 4.7#



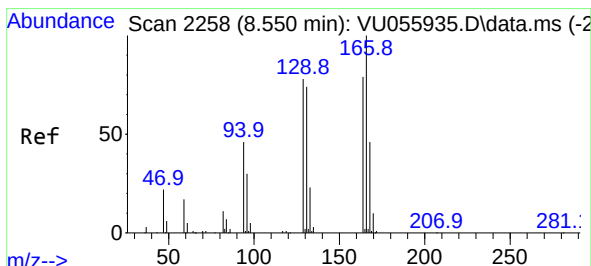
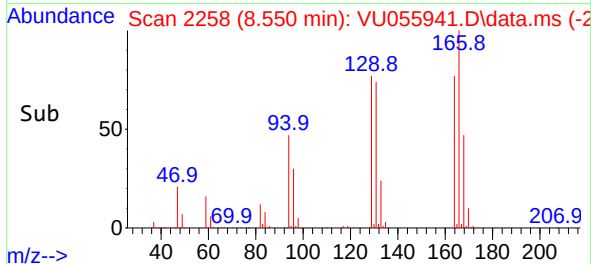
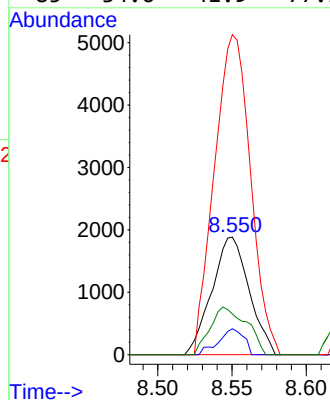
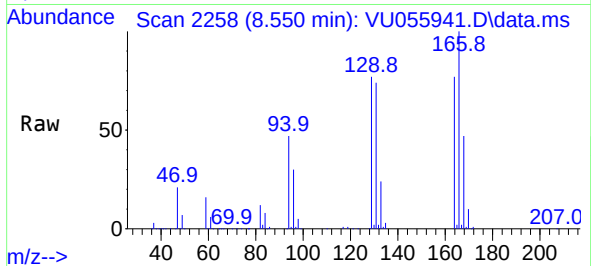


#45
1,1,2-Trichloroethane
Concen: 0.230 ug/L
RT: 8.550 min Scan# 21
Delta R.T. 0.154 min
Lab File: VU055941.D
Acq: 27 Oct 2023 23:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 3288

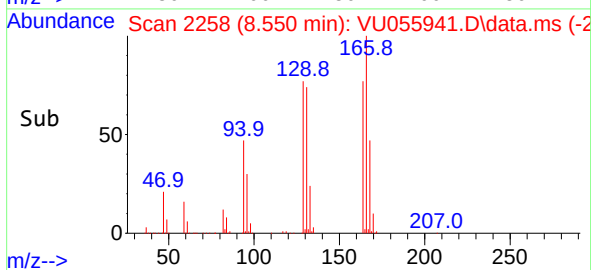
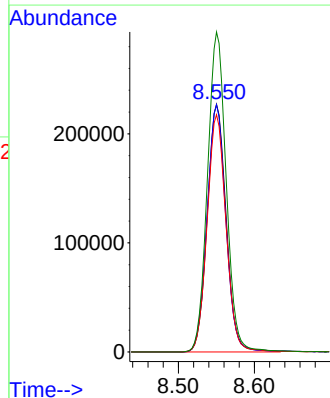
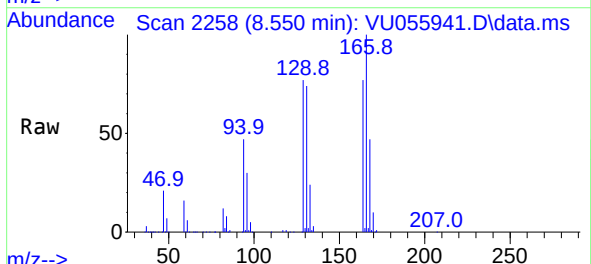
Ion	Ratio	Lower	Upper
97	100		
99	22.0	45.3	84.1#
83	272.0	61.9	115.1#
85	34.6	41.9	77.9#

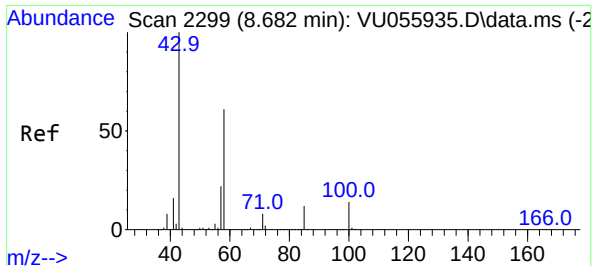


#47
Tetrachloroethene
Concen: 26.147 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU055941.D
Acq: 27 Oct 2023 23:40

Tgt Ion:164 Resp: 391778

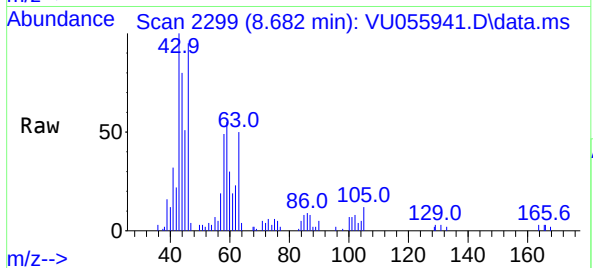
Ion	Ratio	Lower	Upper
164	100		
129	99.7	72.2	134.0
131	95.8	70.8	131.6
166	129.2	89.0	165.2



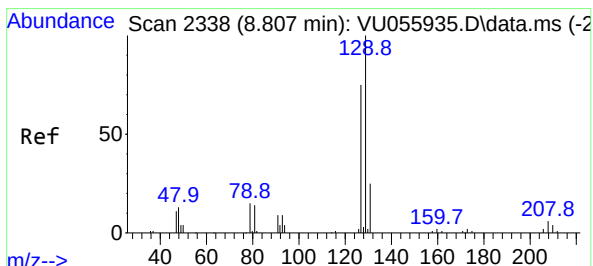
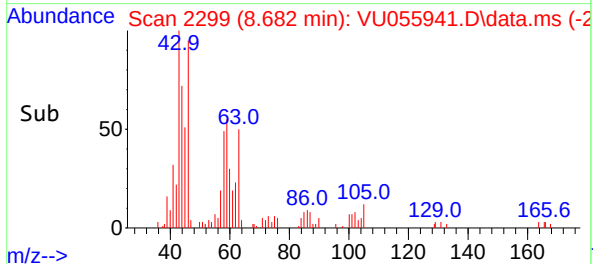
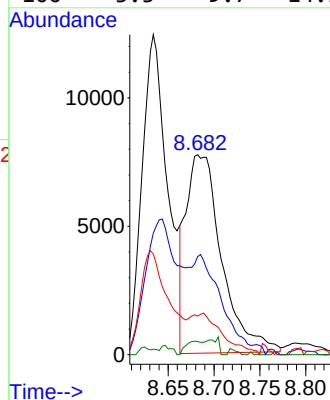


#48
2-Hexanone
Concen: 2.724 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055941.D
Acq: 27 Oct 2023 23:40

Instrument :
MSVOA_U
ClientSampleId :

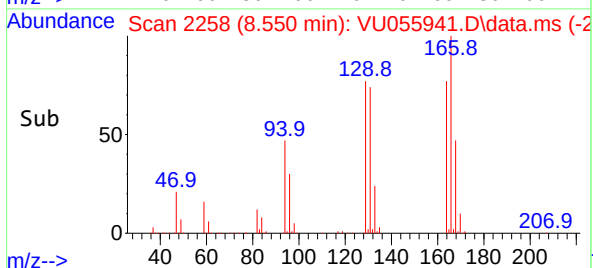
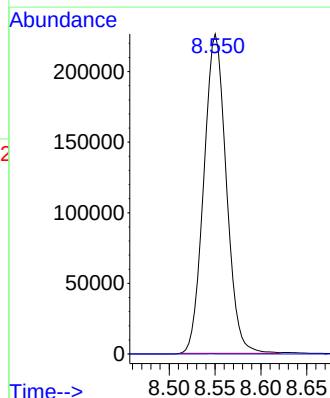
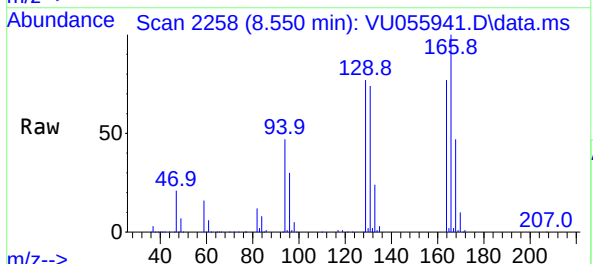


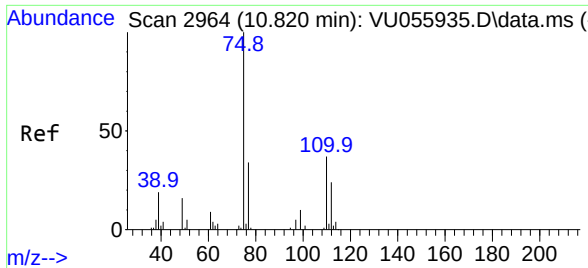
Tgt Ion: 43 Resp: 20970
Ion Ratio Lower Upper
43 100
58 39.2 49.5 74.3#
57 17.7 16.9 25.3
100 3.3 9.7 14.5#



#49
Dibromochloromethane
Concen: 24.603 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU055941.D
Acq: 27 Oct 2023 23:40

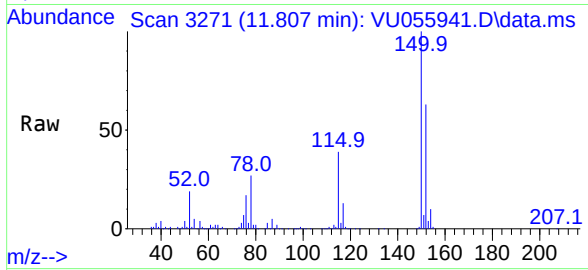
Tgt Ion: 129 Resp: 385658
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.627 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055941.D
 Acq: 27 Oct 2023 23:40

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 18220

Ion	Ratio	Lower	Upper
75	100		
110	2.9	29.0	43.6#
77	35.3	24.5	36.7

