

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
 Data File : VU055950.D
 Acq On : 28 Oct 2023 03:18
 Operator : MD/SY
 Sample : 05113-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 28 05:27:39 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)

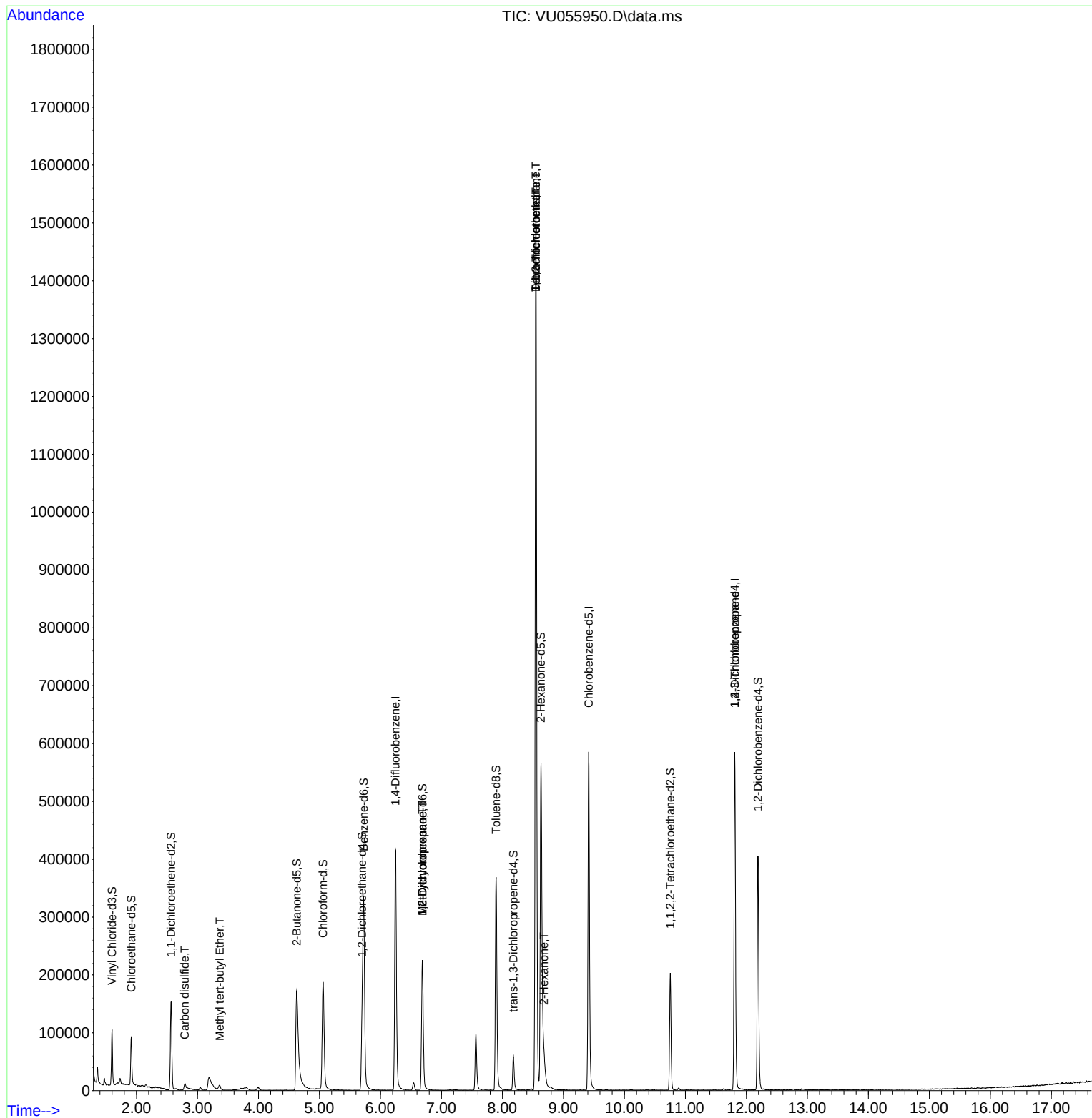
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	358709	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	352854	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	166670	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	63852	2.250	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	45.000%	
7) Chloroethane-d5	1.914	69	65063	2.942	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	58.800%#	
11) 1,1-Dichloroethene-d2	2.567	65	30023	2.492	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	49.800%#	
20) 2-Butanone-d5	4.628	46	274209	54.168	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.340%	
24) Chloroform-d	5.058	84	184852	3.516	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	70.400%	
26) 1,2-Dichloroethane-d4	5.698	65	89563	3.496	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	70.000%	
32) Benzene-d6	5.724	84	324169	3.084	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	61.600%#	
36) 1,2-Dichloropropane-d6	6.689	67	115000	3.691	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	73.800%	
41) Toluene-d8	7.894	98	265299	2.782	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	55.600%#	
43) trans-1,3-Dichloroprop...	8.181	79	38168	3.132	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	62.600%	
46) 2-Hexanone-d5	8.631	63	208707	67.466	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	134.940%#	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	103007	4.540	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	111303	3.579	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	71.600%#	
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.792	76	12404	0.279	ug/L #	93
17) Methyl tert-butyl Ether	3.364	73	9012	0.214	ug/L #	86
35) Methylcyclohexane	6.689	83	27556	0.937	ug/L #	19
37) 1,2-Dichloropropane	6.689	63	10965	0.530	ug/L #	88
45) 1,1,2-Trichloroethane	8.547	97	3135	0.216	ug/L #	1
47) Tetrachloroethene	8.550	164	347419	22.775	ug/L	97
48) 2-Hexanone	8.682	43	20472	2.612	ug/L #	93
49) Dibromochloromethane	8.550	129	347852	21.797	ug/L #	11
61) 1,2,3-Trichloropropane	11.811	75	19105	1.670	ug/L #	66

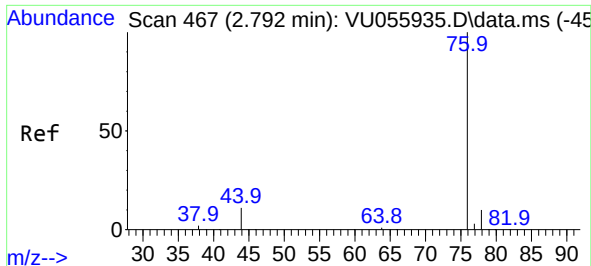
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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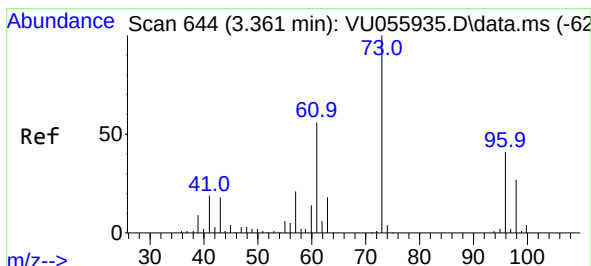
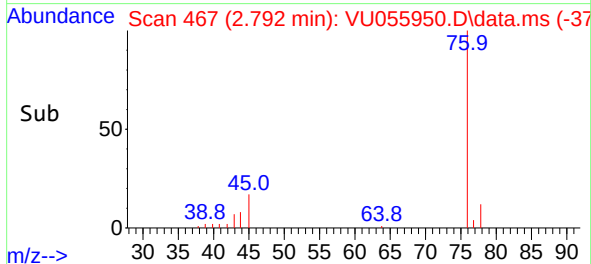
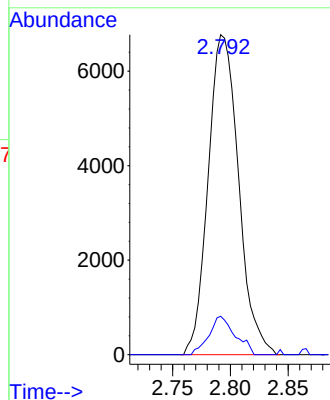
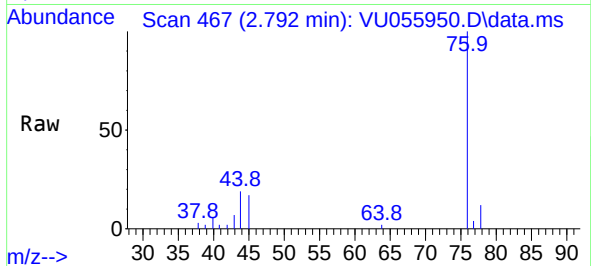




#14
Carbon disulfide
Concen: 0.279 ug/L
RT: 2.792 min Scan# 467
Delta R.T. 0.003 min
Lab File: VU055950.D
Acq: 28 Oct 2023 03:18

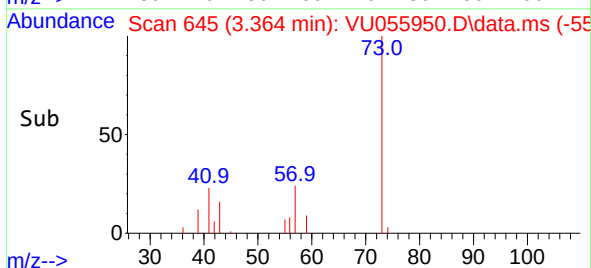
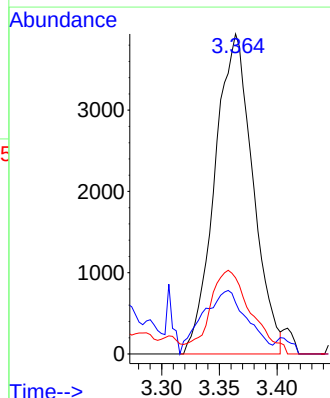
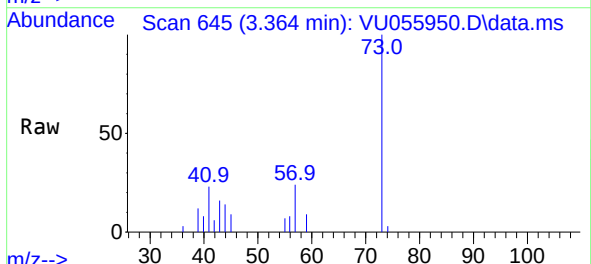
Instrument :
MSVOA_U
ClientSampleId :

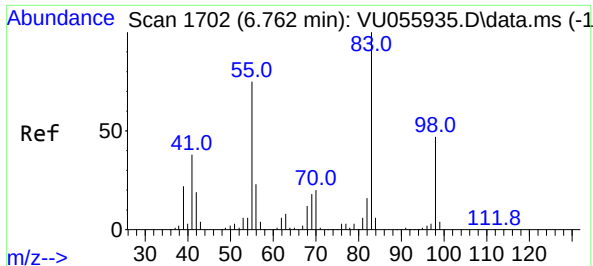
Tgt Ion: 76 Resp: 12404
Ion Ratio Lower Upper
76 100
78 12.0 7.5 11.3#



#17
Methyl tert-butyl Ether
Concen: 0.214 ug/L
RT: 3.364 min Scan# 645
Delta R.T. 0.006 min
Lab File: VU055950.D
Acq: 28 Oct 2023 03:18

Tgt Ion: 73 Resp: 9012
Ion Ratio Lower Upper
73 100
43 23.6 14.4 21.6#
57 28.4 17.0 25.4#





#35

Methylcyclohexane

Concen: 0.937 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU055950.D

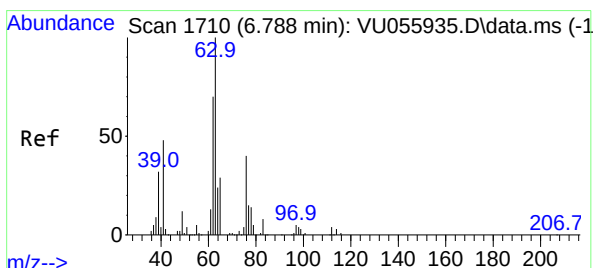
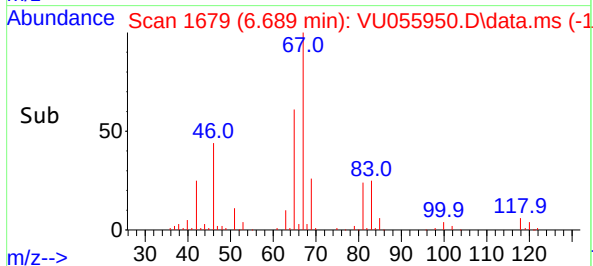
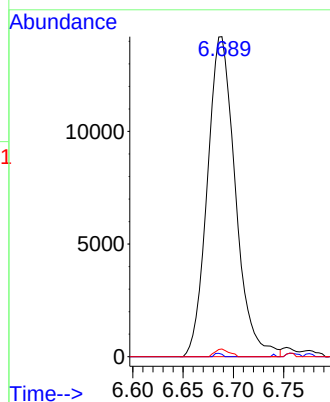
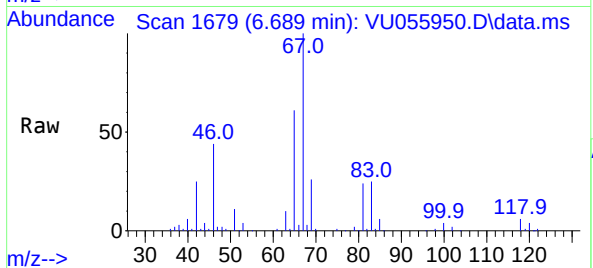
Acq: 28 Oct 2023 03:18

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	27556
Ion	Ratio	Lower	Upper
83	100		
55	0.3	62.4	93.6#
98	1.2	37.4	56.2#



#37

1,2-Dichloropropane

Concen: 0.530 ug/L

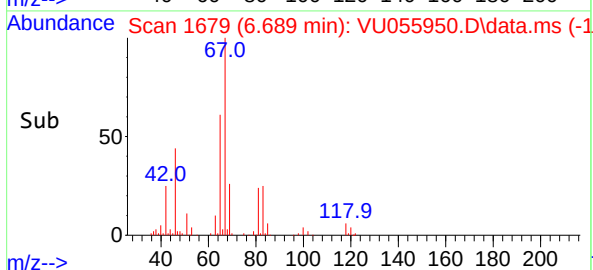
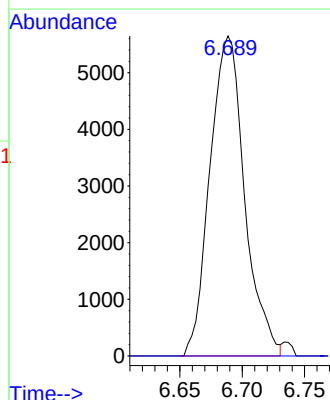
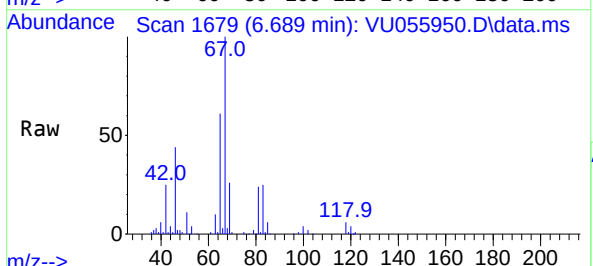
RT: 6.689 min Scan# 1679

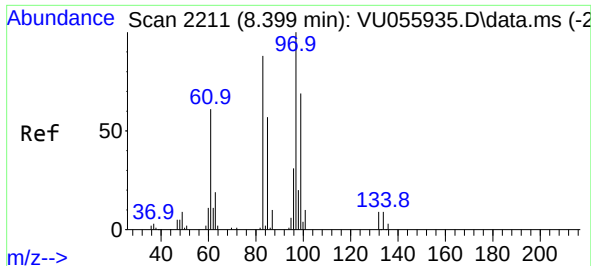
Delta R.T. -0.096 min

Lab File: VU055950.D

Acq: 28 Oct 2023 03:18

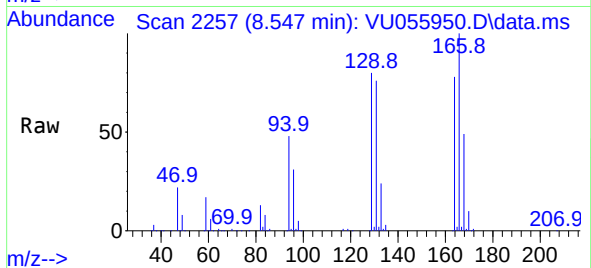
Tgt Ion:	63	Resp:	10965
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#





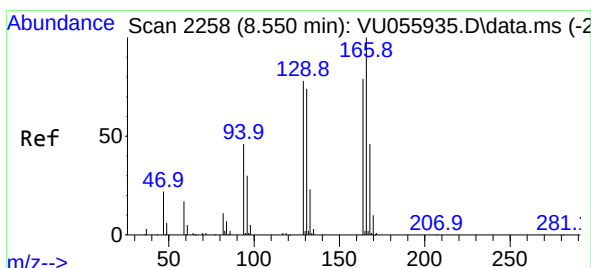
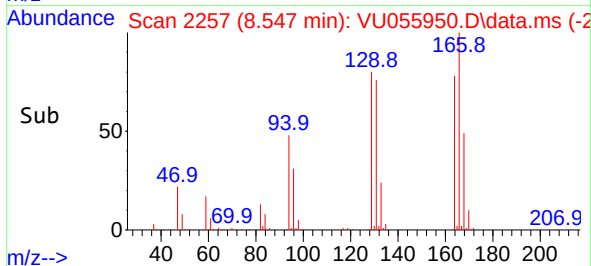
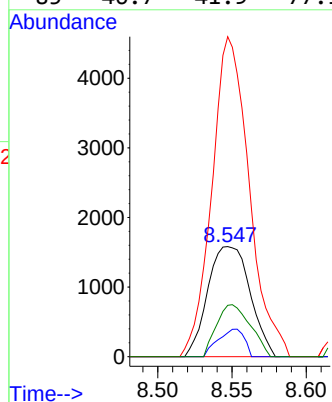
#45
1,1,2-Trichloroethane
Concen: 0.216 ug/L
RT: 8.547 min Scan# 211
Delta R.T. 0.151 min
Lab File: VU055950.D
Acq: 28 Oct 2023 03:18

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 97 Resp: 3135

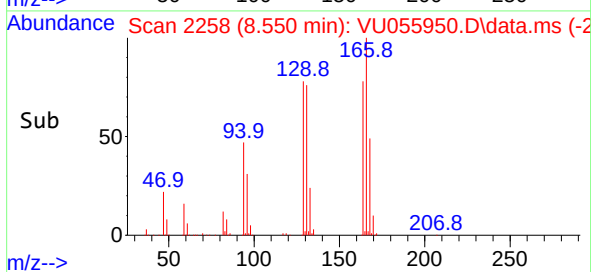
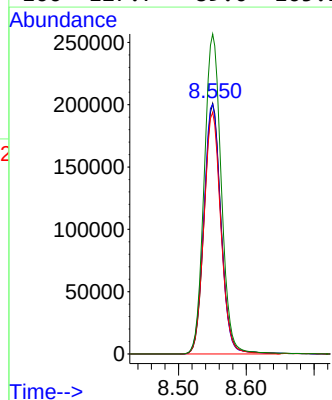
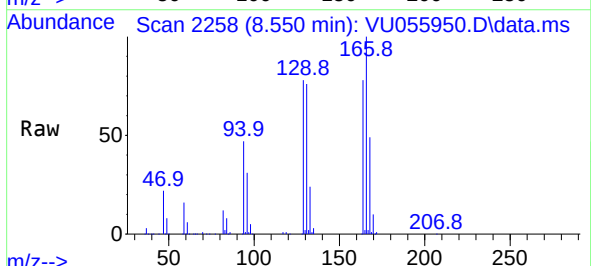
Ion	Ratio	Lower	Upper
97	100		
99	21.6	45.3	84.1#
83	290.6	61.9	115.1#
85	46.7	41.9	77.9

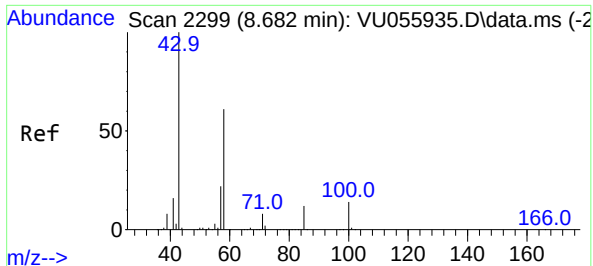


#47
Tetrachloroethene
Concen: 22.775 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU055950.D
Acq: 28 Oct 2023 03:18

Tgt Ion: 164 Resp: 347419

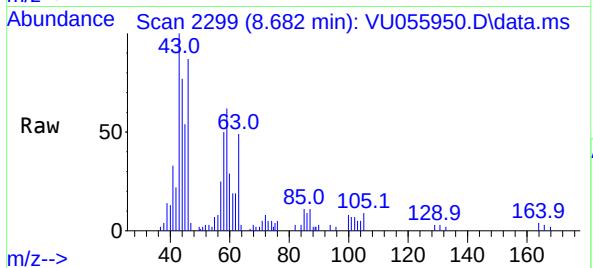
Ion	Ratio	Lower	Upper
164	100		
129	99.7	72.2	134.0
131	96.5	70.8	131.6
166	127.7	89.0	165.2



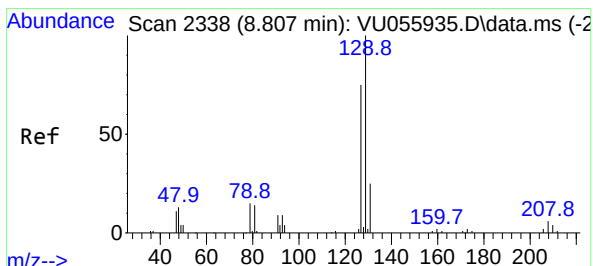
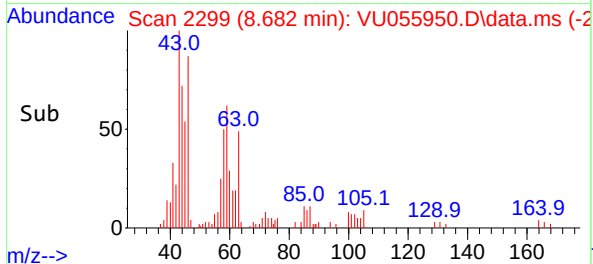
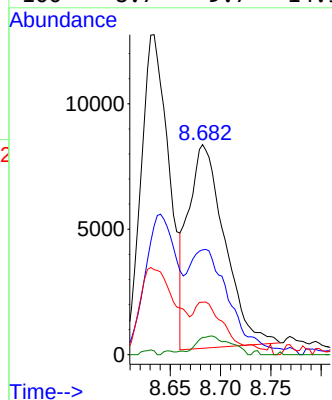


#48
2-Hexanone
Concen: 2.612 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055950.D
Acq: 28 Oct 2023 03:18

Instrument :
MSVOA_U
ClientSampleId :

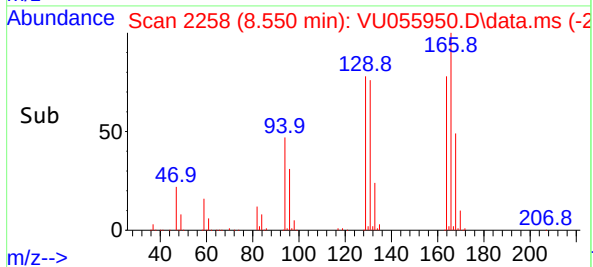
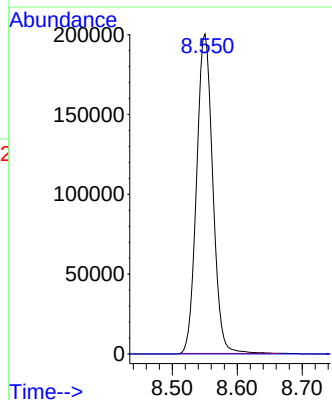
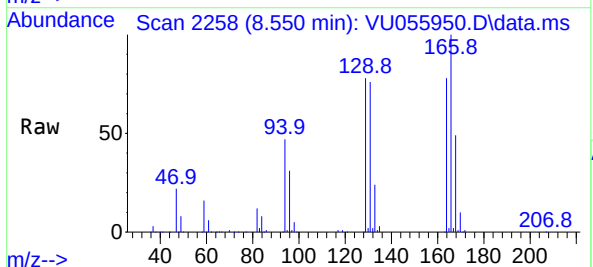


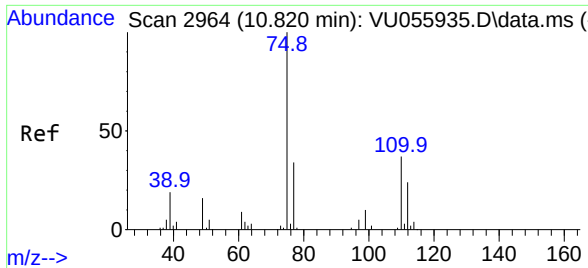
Tgt Ion: 43 Resp: 20472
Ion Ratio Lower Upper
43 100
58 55.2 49.5 74.3
57 19.6 16.9 25.3
100 8.7 9.7 14.5#



#49
Dibromochloromethane
Concen: 21.797 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU055950.D
Acq: 28 Oct 2023 03:18

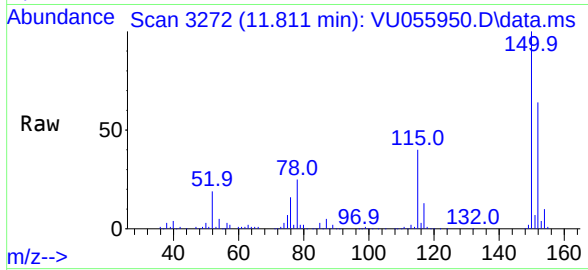
Tgt Ion: 129 Resp: 347852
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#





#61
1,2,3-Trichloropropane
Concen: 1.670 ug/L
RT: 11.811 min Scan# 31
Delta R.T. 0.994 min
Lab File: VU055950.D
Acq: 28 Oct 2023 03:18

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 19105
Ion Ratio Lower Upper
75 100
110 2.7 29.0 43.6#
77 34.6 24.5 36.7

