

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
 Data File : VU055952.D
 Acq On : 28 Oct 2023 04:06
 Operator : MD/SY
 Sample : 05113-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 28 05:27:58 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)

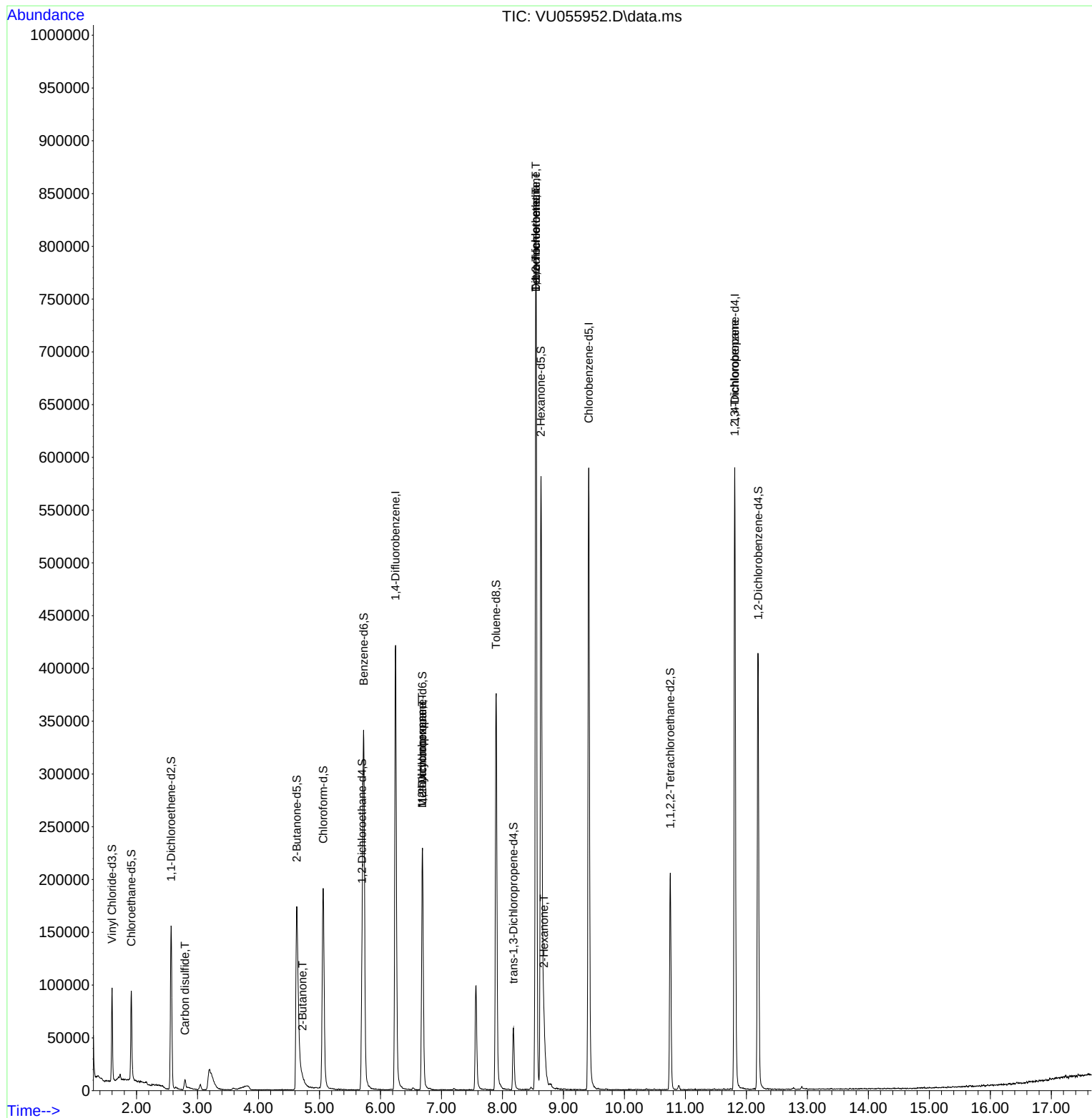
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	360256	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	357515	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	165357	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	64909	2.278	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	45.600%	
7) Chloroethane-d5	1.914	69	65802	2.962	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	59.200%#	
11) 1,1-Dichloroethene-d2	2.566	65	29611	2.447	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	49.000%#	
20) 2-Butanone-d5	4.627	46	283159	55.696	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	111.400%	
24) Chloroform-d	5.062	84	187331	3.547	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	71.000%	
26) 1,2-Dichloroethane-d4	5.698	65	94254	3.664	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.200%	
32) Benzene-d6	5.724	84	340806	3.200	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	64.000%#	
36) 1,2-Dichloropropane-d6	6.688	67	118996	3.769	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	75.400%	
41) Toluene-d8	7.897	98	268787	2.782	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	55.600%#	
43) trans-1,3-Dichloroprop...	8.180	79	37600	3.045	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	61.000%	
46) 2-Hexanone-d5	8.631	63	212905	67.926	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	135.860%#	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	104688	4.554	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.000%	
66) 1,2-Dichlorobenzene-d4	12.193	152	118035	3.826	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	76.600%#	
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.795	76	10397	0.233	ug/L #	90
21) 2-Butanone	4.721	43	6988	1.641	ug/L	94
35) Methylcyclohexane	6.685	83	27778	0.933	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	12300	0.587	ug/L #	89
45) 1,1,2-Trichloroethane	8.547	97	1638	0.111	ug/L #	1
47) Tetrachloroethene	8.550	164	191120	12.366	ug/L	96
48) 2-Hexanone	8.682	43	21270	2.679	ug/L #	87
49) Dibromochloromethane	8.550	129	187226	11.579	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	19295	1.700	ug/L #	69

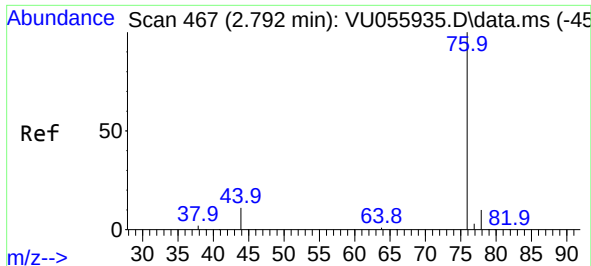
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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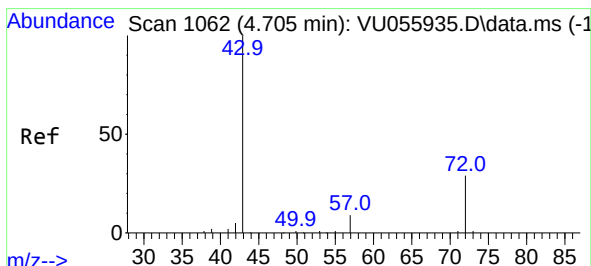
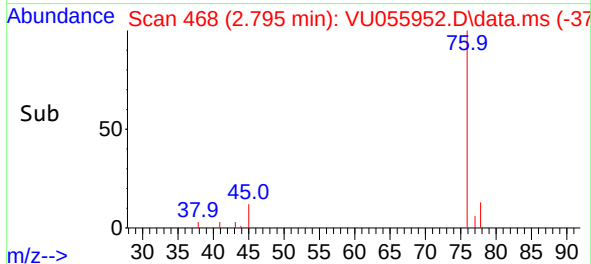
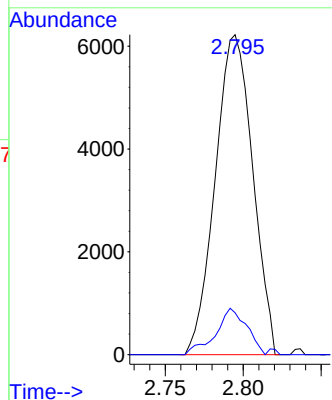
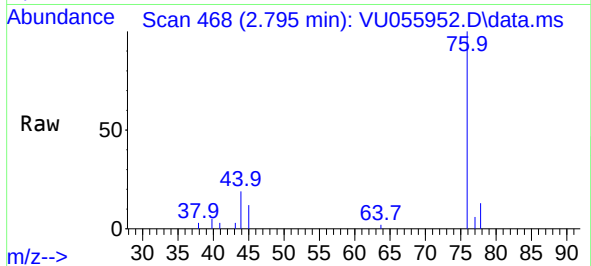




#14
Carbon disulfide
Concen: 0.233 ug/L
RT: 2.795 min Scan# 41
Delta R.T. 0.006 min
Lab File: VU055952.D
Acq: 28 Oct 2023 04:06

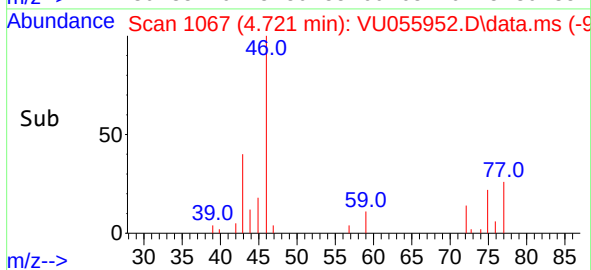
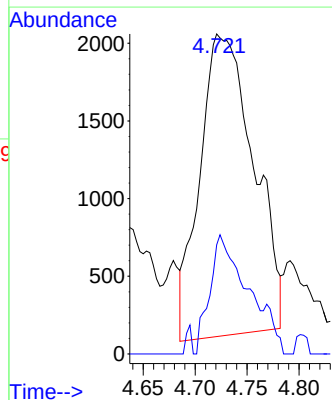
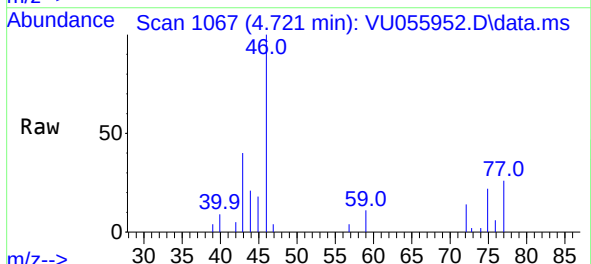
Instrument :
MSVOA_U
ClientSampleId :

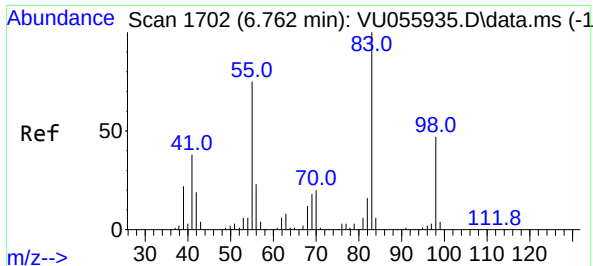
Tgt Ion: 76 Resp: 10397
Ion Ratio Lower Upper
76 100
78 13.1 7.5 11.3#



#21
2-Butanone
Concen: 1.641 ug/L
RT: 4.721 min Scan# 1067
Delta R.T. 0.009 min
Lab File: VU055952.D
Acq: 28 Oct 2023 04:06

Tgt Ion: 43 Resp: 6988
Ion Ratio Lower Upper
43 100
72 25.6 14.4 43.4

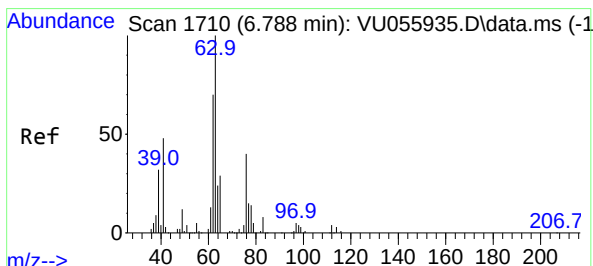
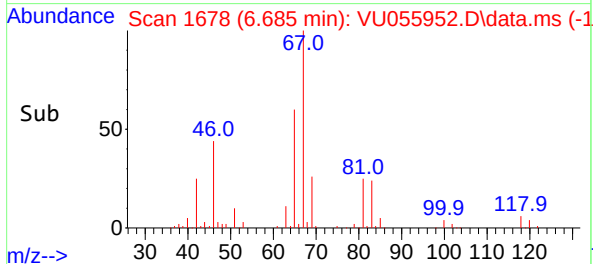
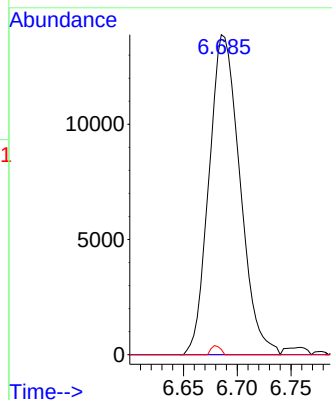
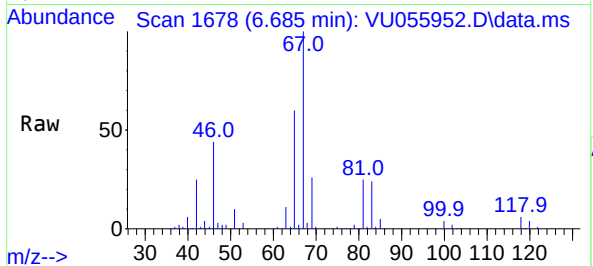




#35
Methylcyclohexane
Concen: 0.933 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU055952.D
Acq: 28 Oct 2023 04:06

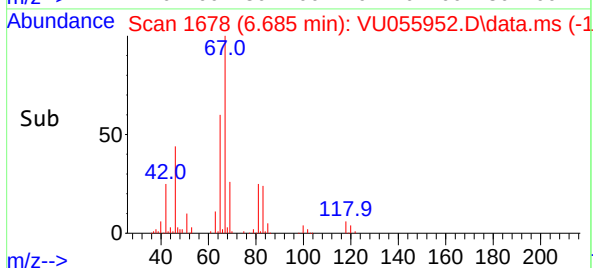
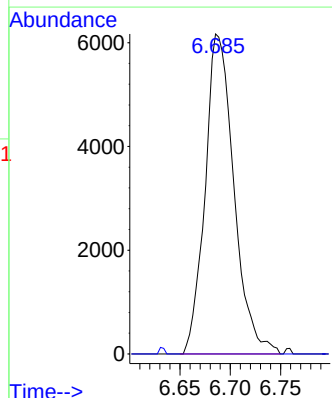
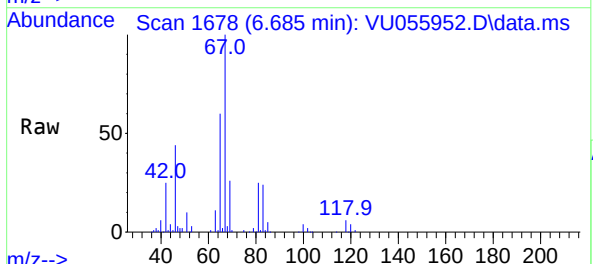
Instrument :
MSVOA_U
ClientSampleId :

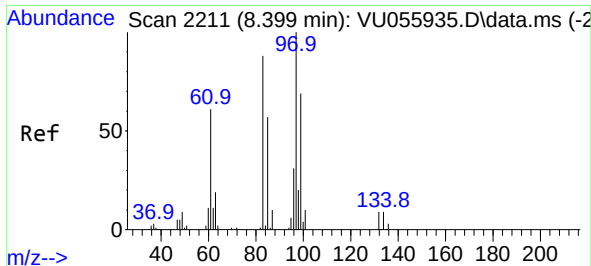
Tgt Ion:	83	Resp:	27778
Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.4	93.6#
98	0.9	37.4	56.2#



#37
1,2-Dichloropropane
Concen: 0.587 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU055952.D
Acq: 28 Oct 2023 04:06

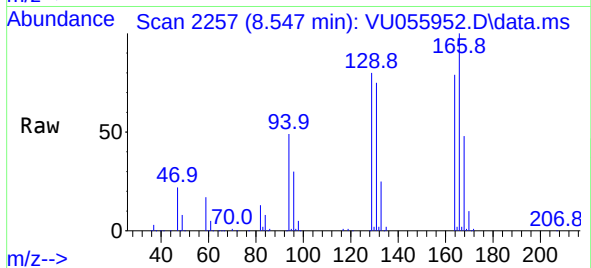
Tgt Ion:	63	Resp:	12300
Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.1	4.7#



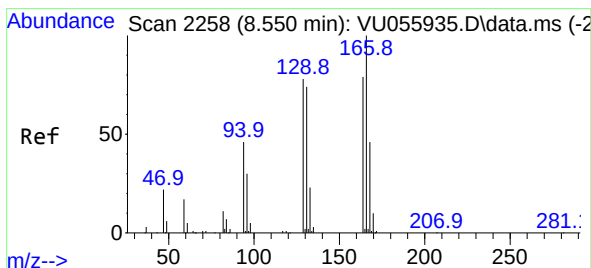
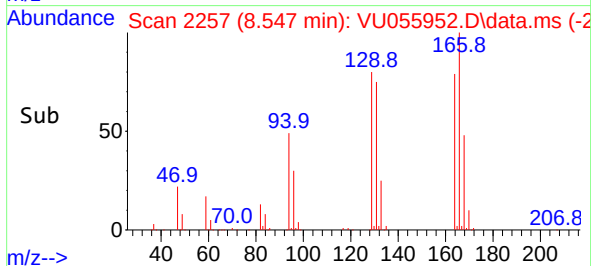
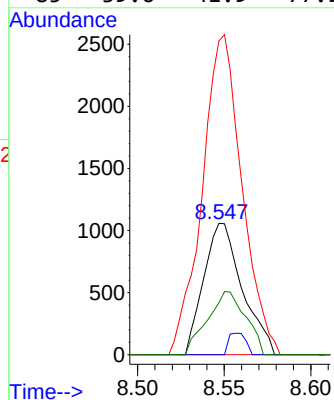


#45
1,1,2-Trichloroethane
Concen: 0.111 ug/L
RT: 8.547 min Scan# 21
Delta R.T. 0.151 min
Lab File: VU055952.D
Acq: 28 Oct 2023 04:06

Instrument :
MSVOA_U
ClientSampleId :

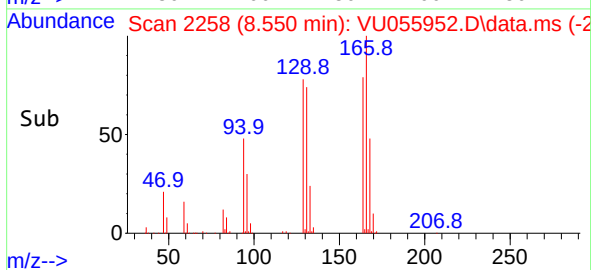
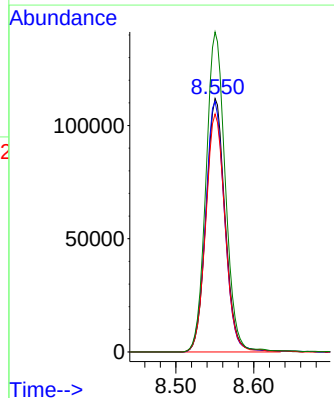
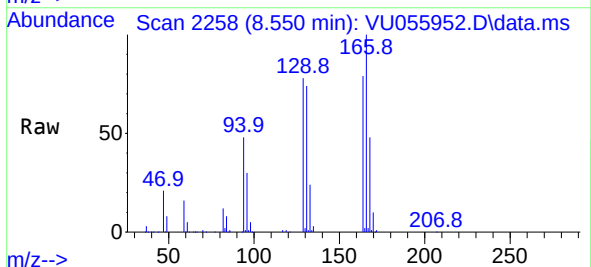


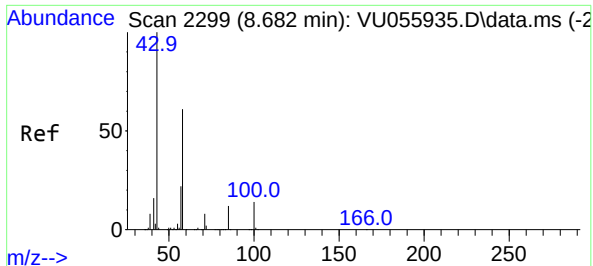
Tgt Ion:	97	Resp:	1638
Ion	Ratio	Lower	Upper
97	100		
99	0.0	45.3	84.1#
83	238.8	61.9	115.1#
85	39.6	41.9	77.9#



#47
Tetrachloroethene
Concen: 12.366 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU055952.D
Acq: 28 Oct 2023 04:06

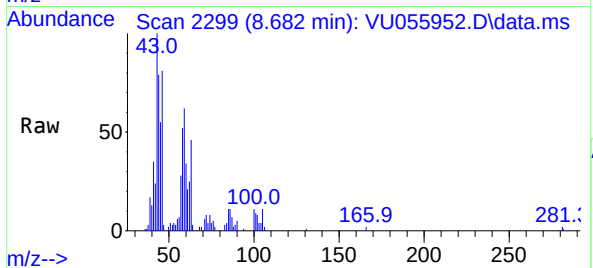
Tgt Ion:	164	Resp:	191120
Ion	Ratio	Lower	Upper
164	100		
129	98.8	72.2	134.0
131	93.9	70.8	131.6
166	126.2	89.0	165.2





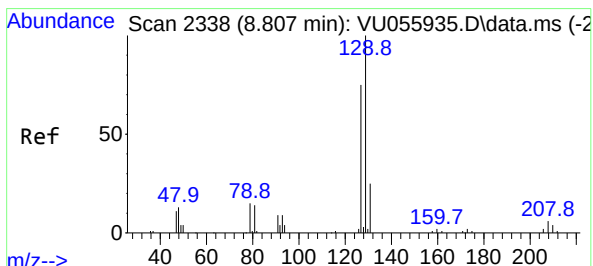
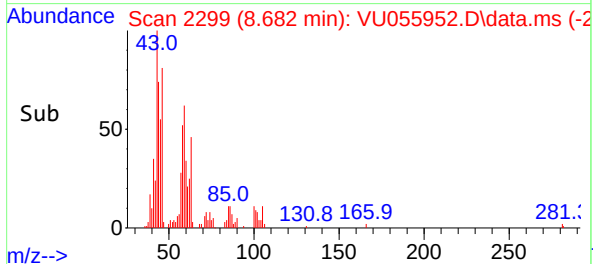
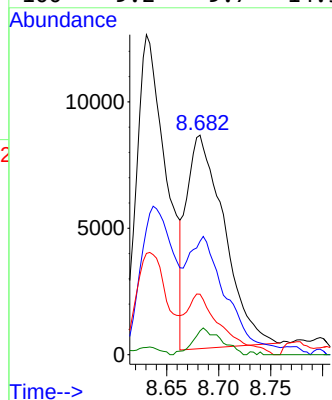
#48
2-Hexanone
Concen: 2.679 ug/L
RT: 8.682 min Scan# 21270
Delta R.T. -0.000 min
Lab File: VU055952.D
Acq: 28 Oct 2023 04:06

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 21270

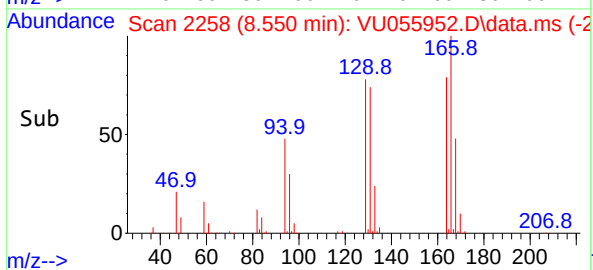
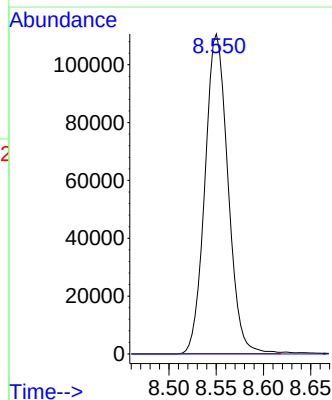
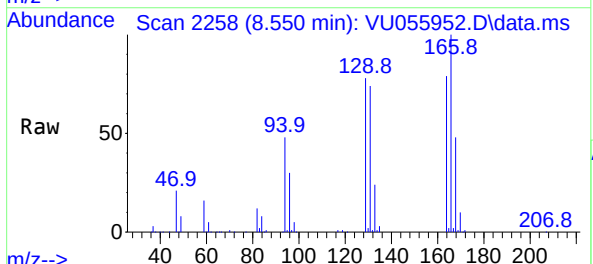
Ion	Ratio	Lower	Upper
43	100		
58	50.7	49.5	74.3
57	26.5	16.9	25.3#
100	9.2	9.7	14.5#

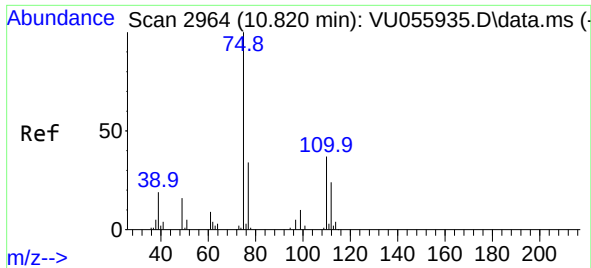


#49
Dibromochloromethane
Concen: 11.579 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU055952.D
Acq: 28 Oct 2023 04:06

Tgt Ion: 129 Resp: 187226

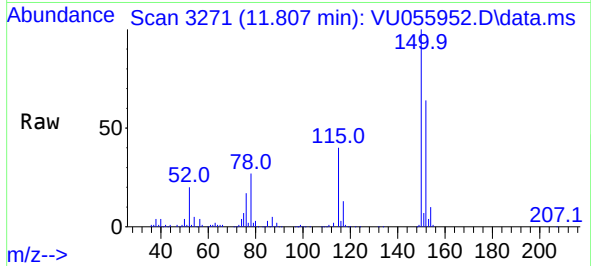
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.5	99.5#





#61
1,2,3-Trichloropropane
Concen: 1.700 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU055952.D
Acq: 28 Oct 2023 04:06

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	19295
Ion	Ratio	Lower	Upper
75	100		
110	2.9	29.0	43.6#
77	30.6	24.5	36.7

