

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
 Data File : VU055954.D
 Acq On : 28 Oct 2023 04:54
 Operator : MD/SY
 Sample : 05113-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 28 05:28:14 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)

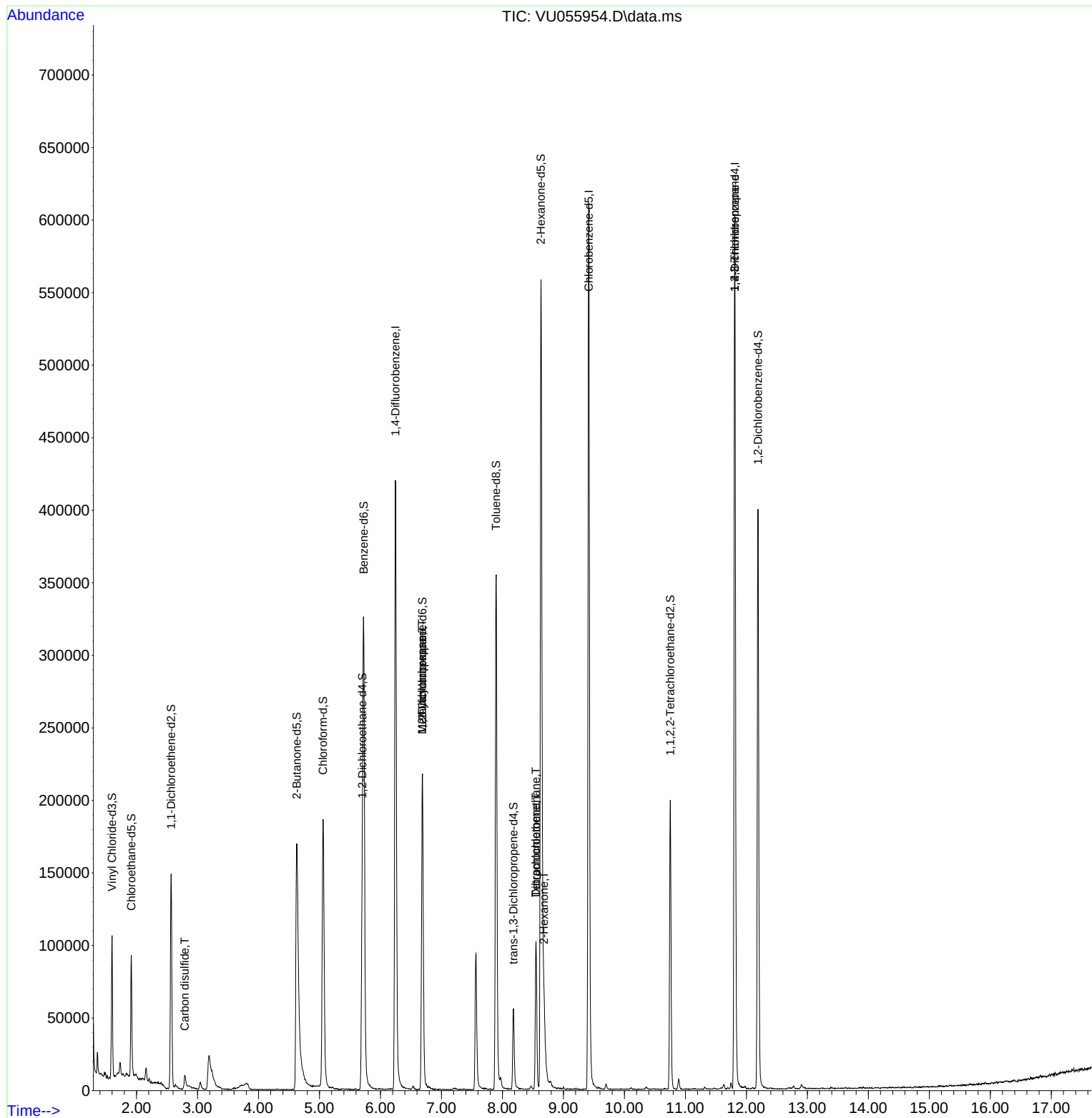
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	364773	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	361317	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	170220	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	62449	2.164	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	43.200%
7) Chloroethane-d5	1.914	69	64695	2.876	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	57.600%#
11) 1,1-Dichloroethene-d2	2.567	65	29029	2.370	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.400%#
20) 2-Butanone-d5	4.628	46	274759	53.375	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.740%
24) Chloroform-d	5.058	84	182085	3.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.200%#
26) 1,2-Dichloroethane-d4	5.701	65	89104	3.421	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.400%#
32) Benzene-d6	5.724	84	319650	2.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	59.400%#
36) 1,2-Dichloropropane-d6	6.689	67	113142	3.546	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.000%
41) Toluene-d8	7.897	98	260565	2.669	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	53.400%#
43) trans-1,3-Dichloroprop...	8.180	79	36968	2.962	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.200%
46) 2-Hexanone-d5	8.631	63	200896	63.420	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.840%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	102391	4.407	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	112567	3.544	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	70.800%#
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.792	76	10748	0.237	ug/L	97
35) Methylcyclohexane	6.685	83	26547	0.882	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	11748	0.555	ug/L #	89
47) Tetrachloroethene	8.550	164	23210	1.486	ug/L	94
48) 2-Hexanone	8.682	43	23134	2.883	ug/L #	86
49) Dibromochloromethane	8.550	129	23969	1.467	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	20138	1.723	ug/L #	65

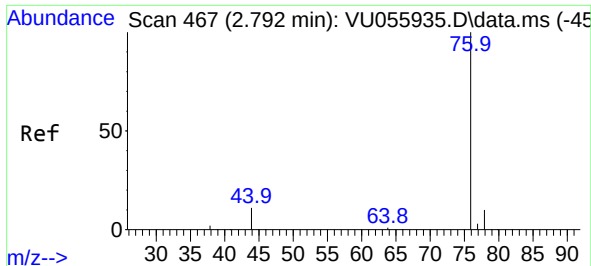
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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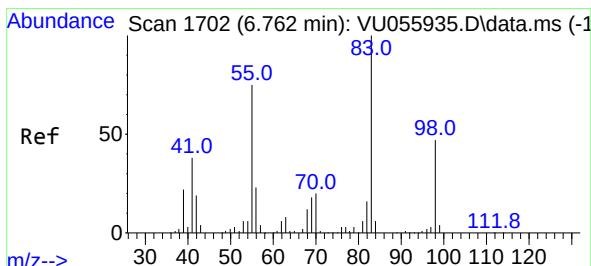
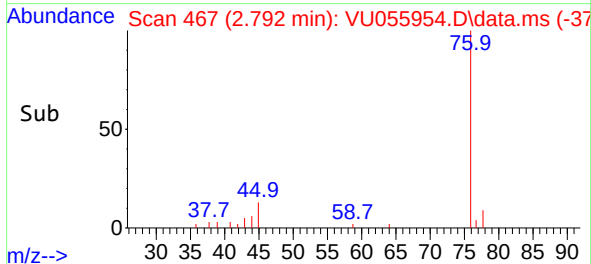
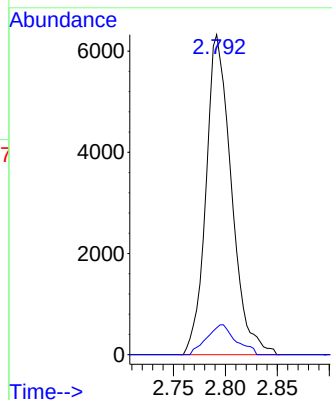
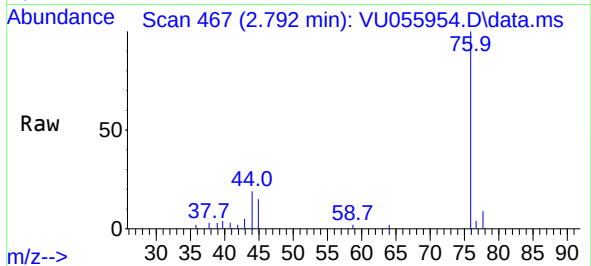




#14
Carbon disulfide
Concen: 0.237 ug/L
RT: 2.792 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU055954.D
Acq: 28 Oct 2023 04:54

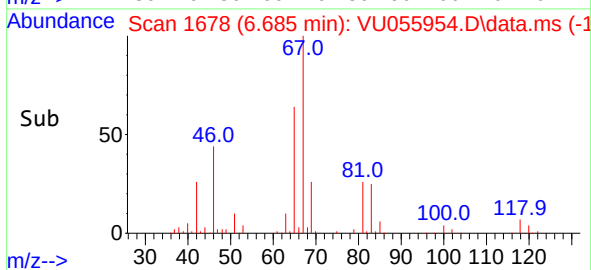
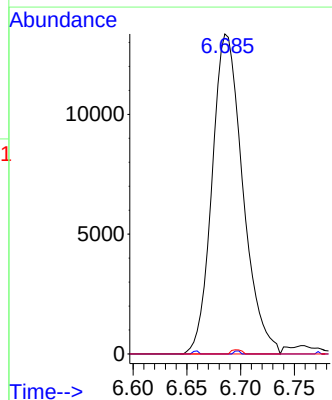
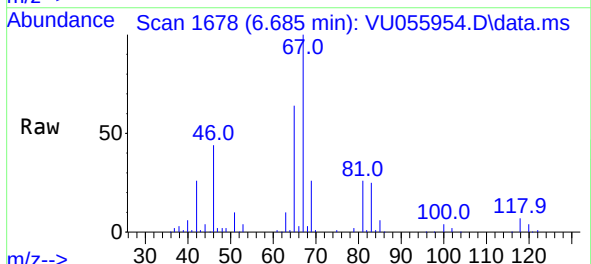
Instrument :
MSVOA_U
ClientSampleId :

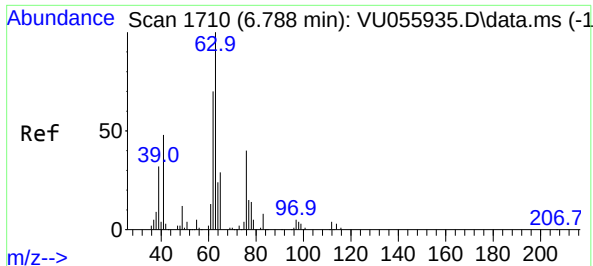
Tgt Ion: 76 Resp: 10748
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3



#35
Methylcyclohexane
Concen: 0.882 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU055954.D
Acq: 28 Oct 2023 04:54

Tgt Ion: 83 Resp: 26547
Ion Ratio Lower Upper
83 100
55 0.2 62.4 93.6#
98 0.4 37.4 56.2#

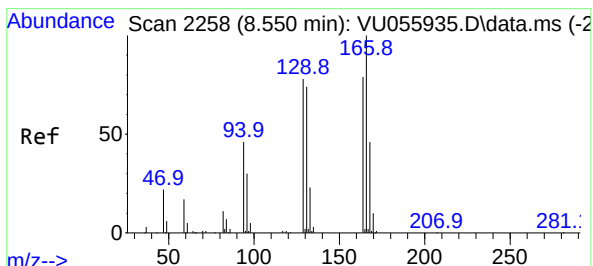
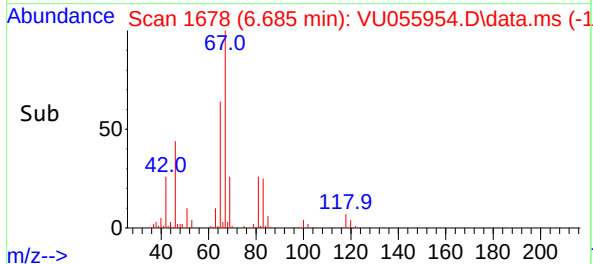
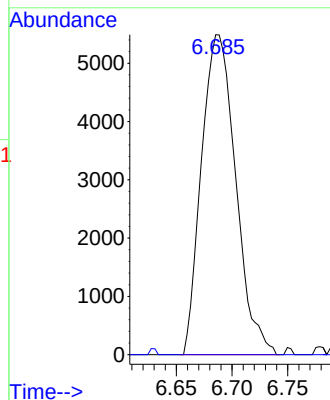
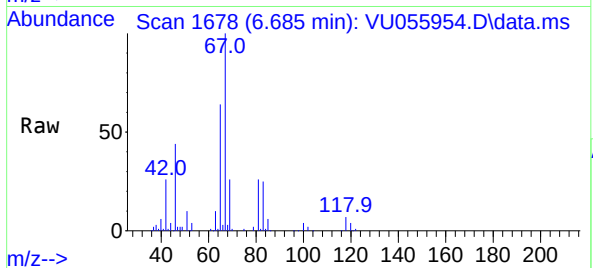




#37
1,2-Dichloropropane
Concen: 0.555 ug/L
RT: 6.685 min Scan# 11748
Delta R.T. -0.100 min
Lab File: VU055954.D
Acq: 28 Oct 2023 04:54

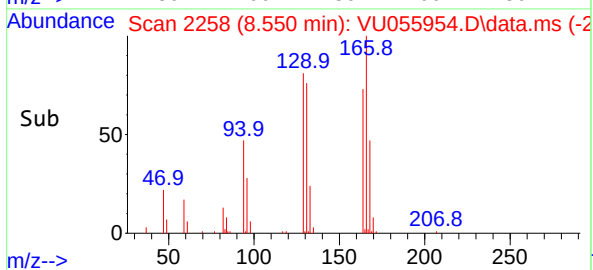
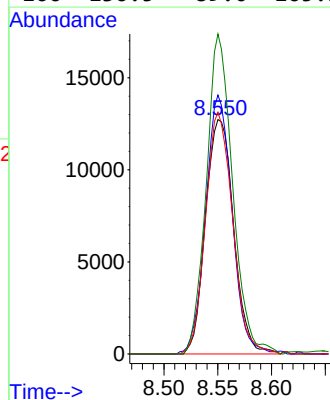
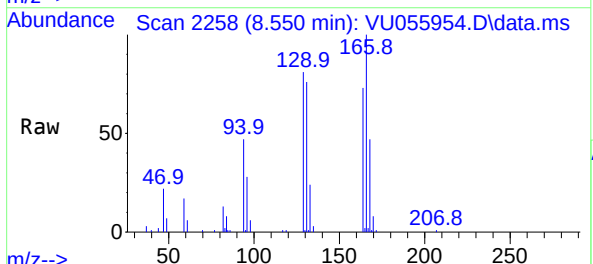
Instrument :
MSVOA_U
ClientSampleId :

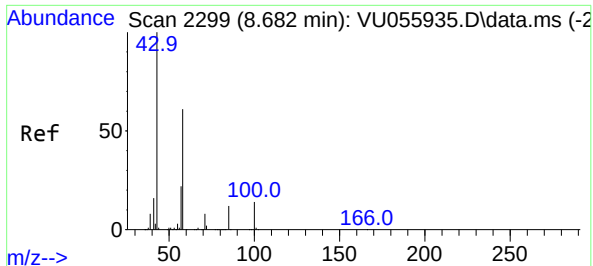
Tgt Ion: 63 Resp: 11748
Ion Ratio Lower Upper
63 100
112 0.3 3.1 4.7#



#47
Tetrachloroethene
Concen: 1.486 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU055954.D
Acq: 28 Oct 2023 04:54

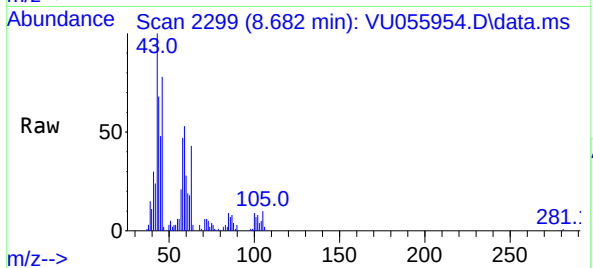
Tgt Ion:164 Resp: 23210
Ion Ratio Lower Upper
164 100
129 110.5 72.2 134.0
131 103.2 70.8 131.6
166 136.5 89.0 165.2



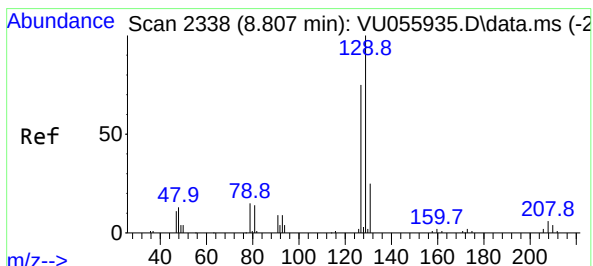
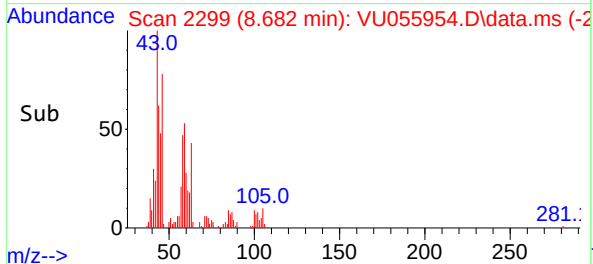
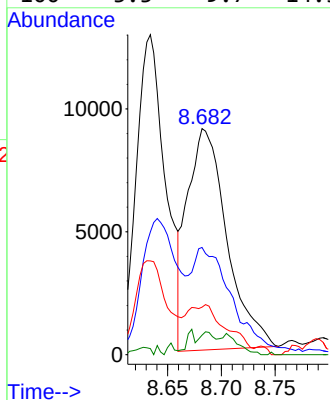


#48
2-Hexanone
Concen: 2.883 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055954.D
Acq: 28 Oct 2023 04:54

Instrument :
MSVOA_U
ClientSampleId :

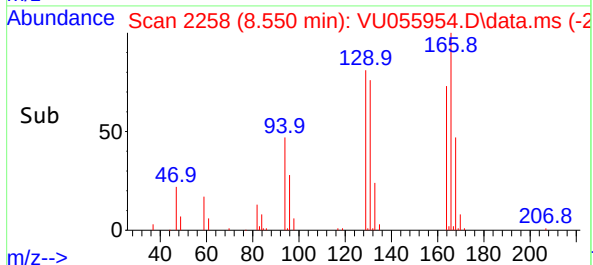
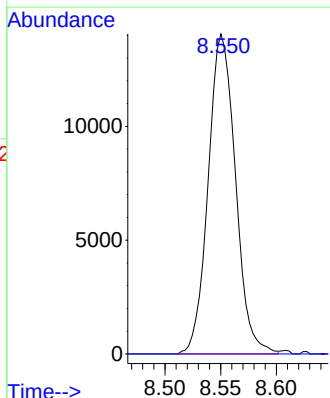
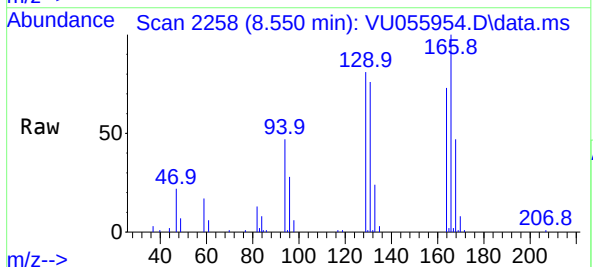


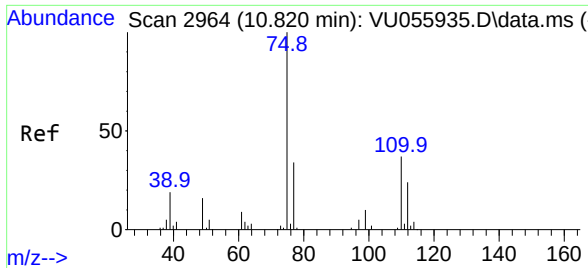
Tgt Ion: 43 Resp: 23134
Ion Ratio Lower Upper
43 100
58 49.0 49.5 74.3#
57 21.4 16.9 25.3
100 3.3 9.7 14.5#



#49
Dibromochloromethane
Concen: 1.467 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU055954.D
Acq: 28 Oct 2023 04:54

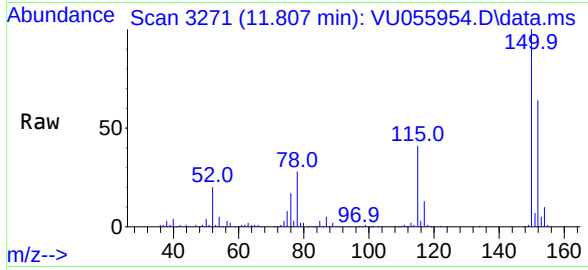
Tgt Ion: 129 Resp: 23969
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#





#61
1,2,3-Trichloropropane
Concen: 1.723 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU055954.D
Acq: 28 Oct 2023 04:54

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 20138

Ion	Ratio	Lower	Upper
75	100		
110	2.3	29.0	43.6#
77	34.6	24.5	36.7

