

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103023\
 Data File : VU055991.D
 Acq On : 30 Oct 2023 12:46
 Operator : MD/SY
 Sample : 05113-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 31 05:29:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 31 05:28:08 2023
 Response via : Initial Calibration

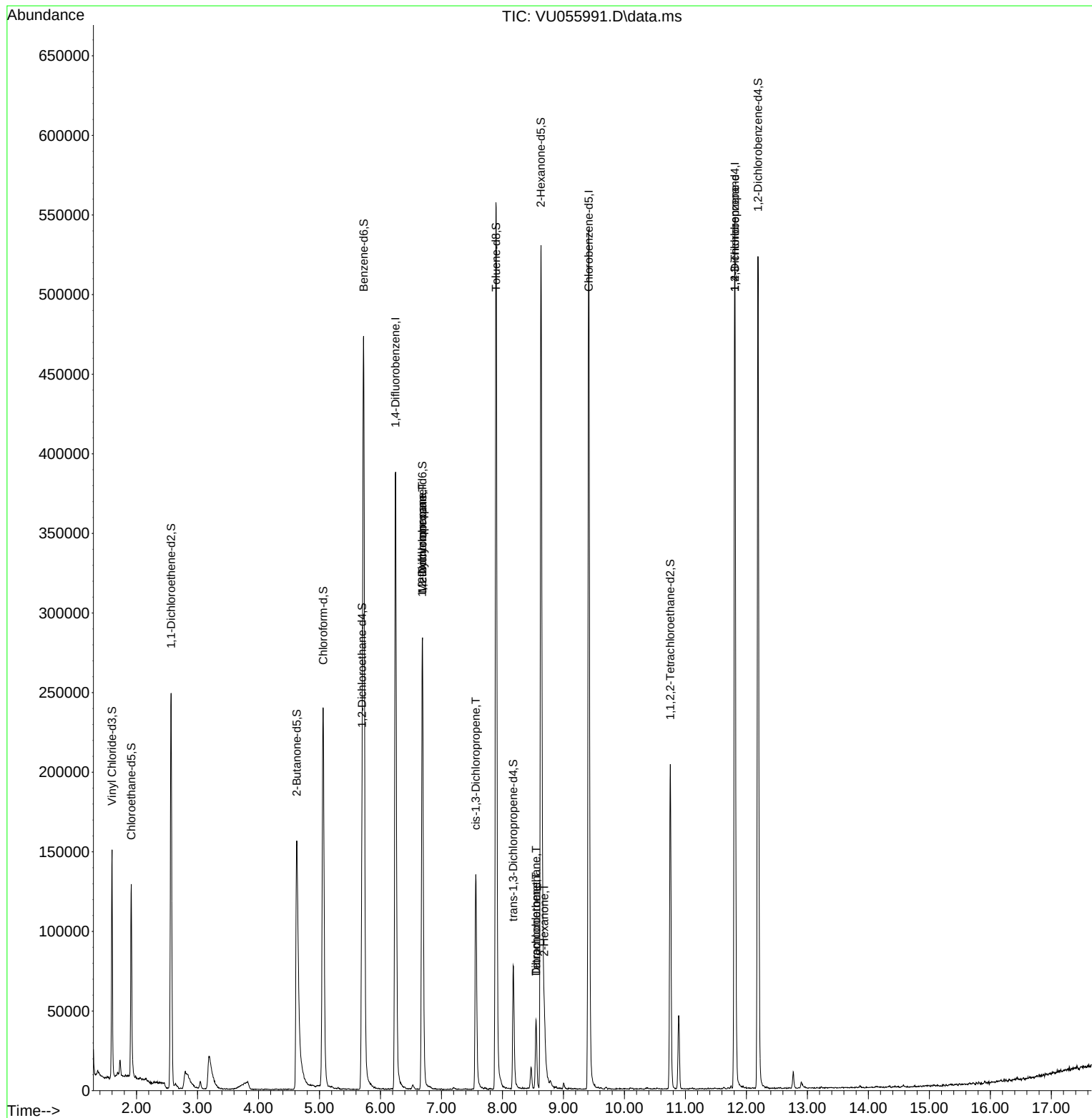
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	330788	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	329951	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	157374	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	99904	3.818	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	76.400%	
7) Chloroethane-d5	1.914	69	92564	4.538	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.800%	
11) 1,1-Dichloroethene-d2	2.567	65	47115	4.241	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.800%	
20) 2-Butanone-d5	4.628	46	240319	51.481	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.960%	
24) Chloroform-d	5.062	84	232792	4.801	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.000%	
26) 1,2-Dichloroethane-d4	5.698	65	112042	4.743	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.800%	
32) Benzene-d6	5.724	84	470525	4.787	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.800%	
36) 1,2-Dichloropropane-d6	6.689	67	146582	5.031	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.600%	
41) Toluene-d8	7.894	98	398693	4.472	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.400%	
43) trans-1,3-Dichloroprop...	8.177	79	49931	4.382	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.600%	
46) 2-Hexanone-d5	8.631	63	195051	67.429	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	134.860%#	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	105804	4.987	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	147888	5.037	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.800%	
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.689	83	34468	1.254	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	15837	0.819	ug/L #	89
39) cis-1,3-Dichloropropene	7.563	75	3361	0.122	ug/L #	82
47) Tetrachloroethene	8.553	164	10109	0.709	ug/L	94
48) 2-Hexanone	8.685	43	17761	2.424	ug/L #	45
49) Dibromochloromethane	8.553	129	10080	0.675	ug/L #	11
61) 1,2,3-Trichloropropane	11.811	75	17716	1.640	ug/L #	66

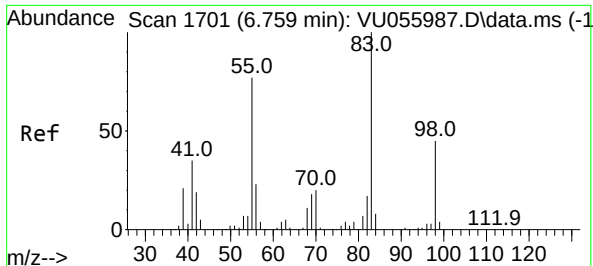
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 1.254 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.071 min

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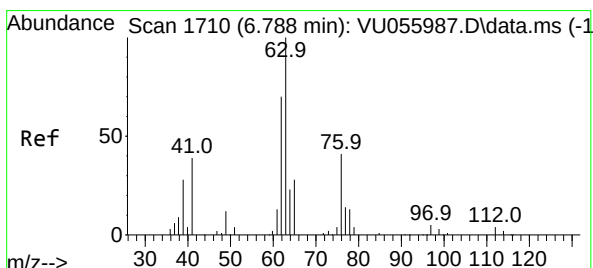
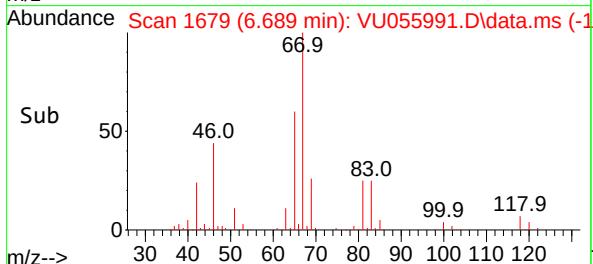
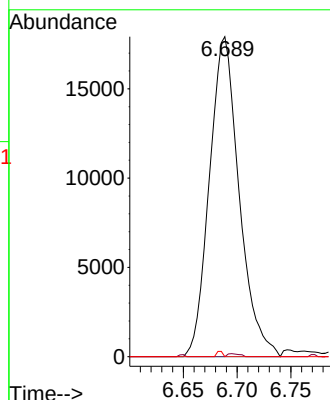
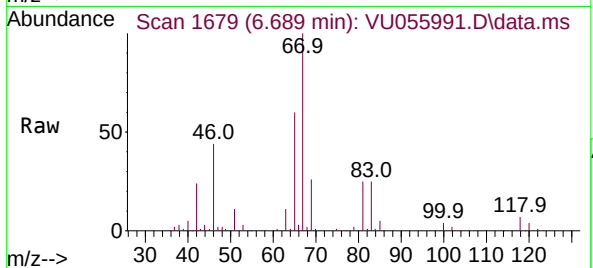
Acq: 30 Oct 2023 12:46

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 34468
Ion Ratio	Lower Upper
83 100	
55 0.4	62.4 93.6#
98 0.3	37.4 56.2#



#37

1,2-Dichloropropane

Concen: 0.819 ug/L

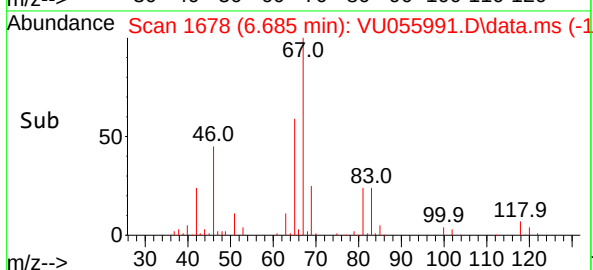
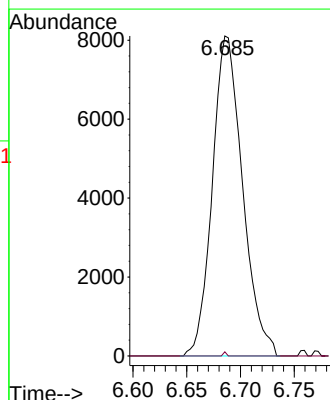
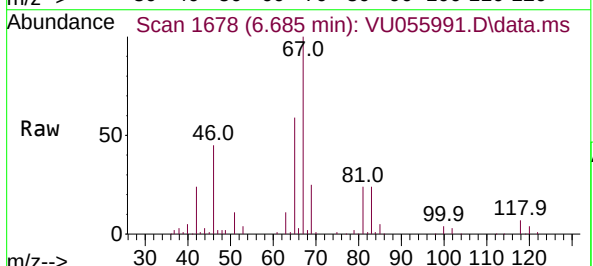
RT: 6.685 min Scan# 1678

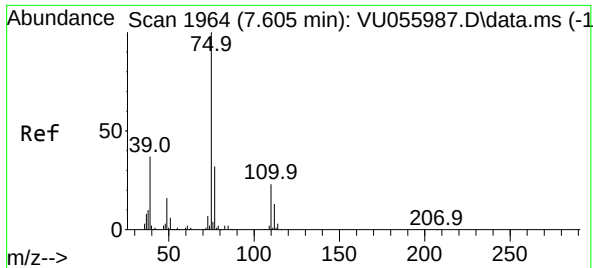
Delta R.T. -0.103 min

Lab File: VU055991.D

Acq: 30 Oct 2023 12:46

Tgt Ion: 63	Resp: 15837
Ion Ratio	Lower Upper
63 100	
112 0.1	3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.122 ug/L

RT: 7.563 min Scan# 1964

Delta R.T. -0.042 min

Lab File: VU055991.D

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Instrument :

MSVOA_U

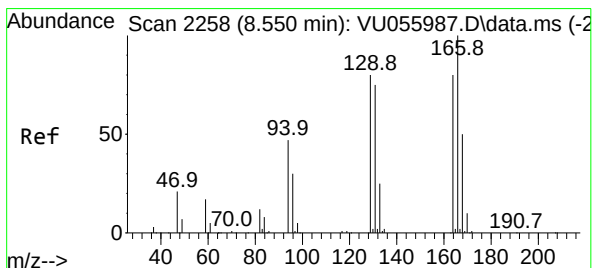
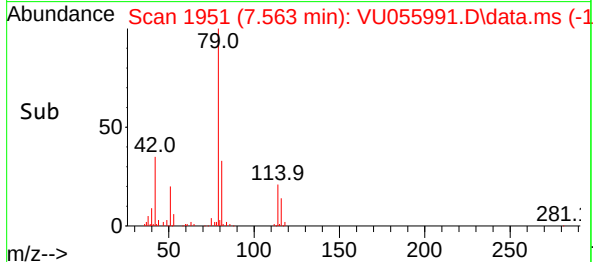
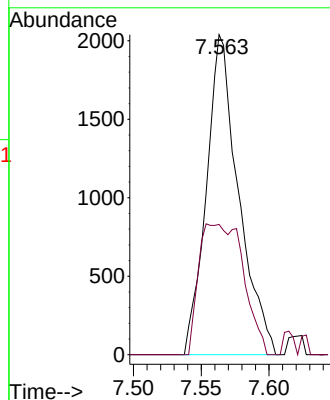
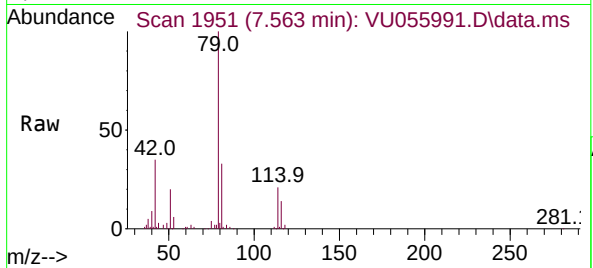
ClientSampleId :

Tgt Ion: 75 Resp: 3361

Ion Ratio Lower Upper

75 100

77 40.7 21.7 40.3#



#47

Tetrachloroethene

Concen: 0.709 ug/L

RT: 8.553 min Scan# 2259

Delta R.T. 0.003 min

Lab File: VU055991.D

Acq: 30 Oct 2023 12:46

Tgt Ion: 164 Resp: 10109

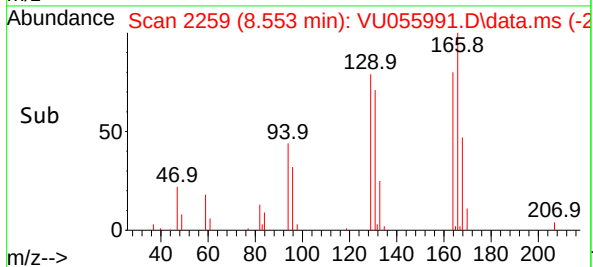
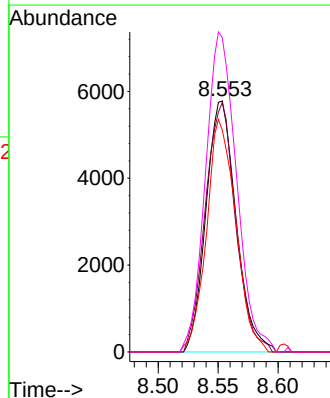
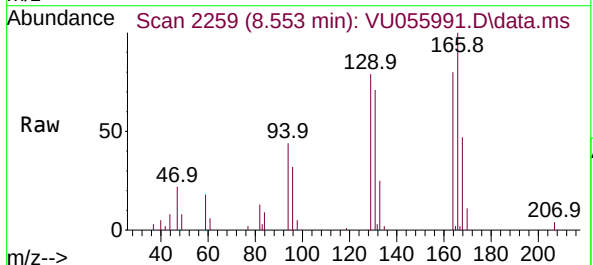
Ion Ratio Lower Upper

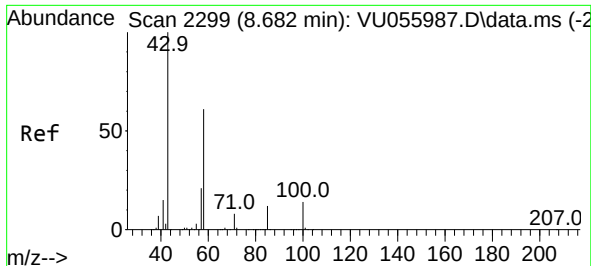
164 100

129 99.4 72.2 134.0

131 88.4 70.8 131.6

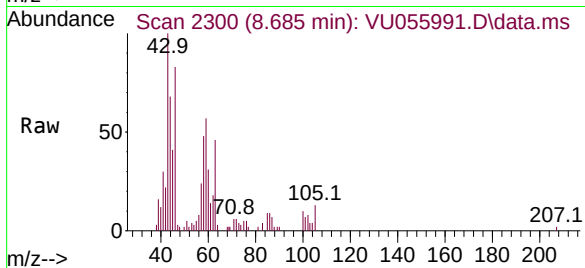
166 125.3 89.0 165.2



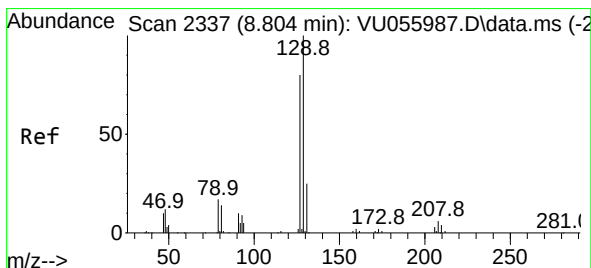
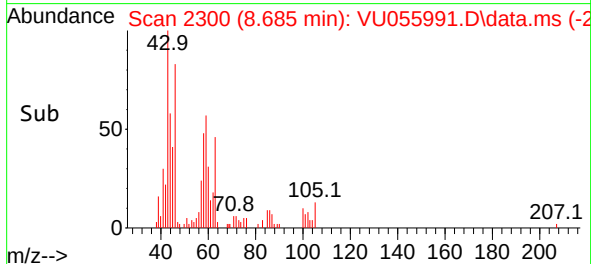
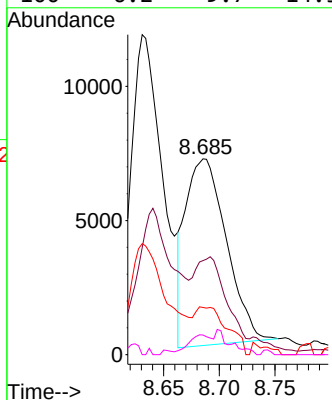


#48
2-Hexanone
Concen: 2.424 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055991.D
Acq: 30 Oct 2023 12:46

Instrument :
MSVOA_U
ClientSampleId :

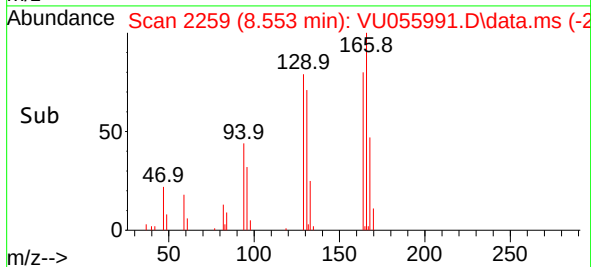
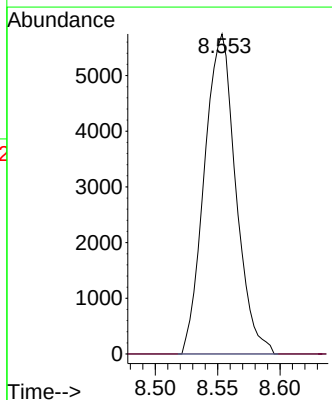
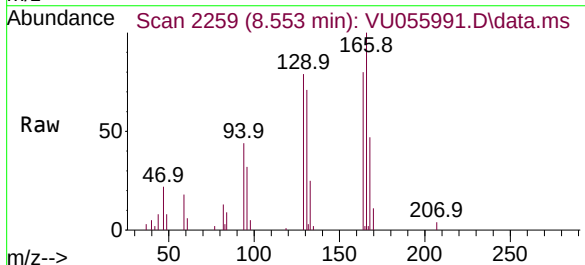


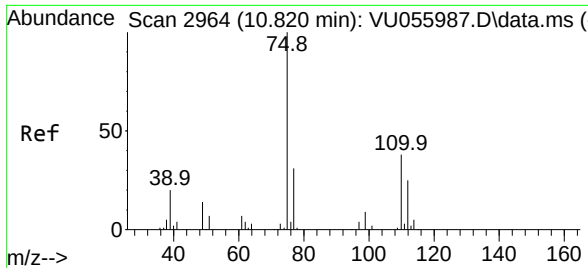
Tgt Ion: 43 Resp: 17761
Ion Ratio Lower Upper
43 100
58 0.0 49.5 74.3#
57 19.7 16.9 25.3
100 6.2 9.7 14.5#



#49
Dibromochloromethane
Concen: 0.675 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. -0.251 min
Lab File: VU055991.D
Acq: 30 Oct 2023 12:46

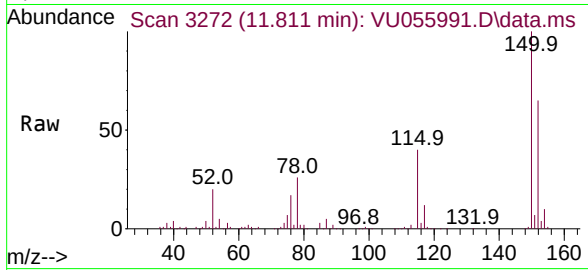
Tgt Ion: 129 Resp: 10080
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.640 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055991.D
 Acq: 30 Oct 2023 12:46

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 17716
 Ion Ratio Lower Upper
 75 100
 110 1.9 29.0 43.6#
 77 33.4 24.5 36.7

