

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055197.D
 Acq On : 07 Sep 2023 18:38
 Operator : MD/SY
 Sample : 04286-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 08 05:10:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 08 05:04:57 2023
 Response via : Initial Calibration

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

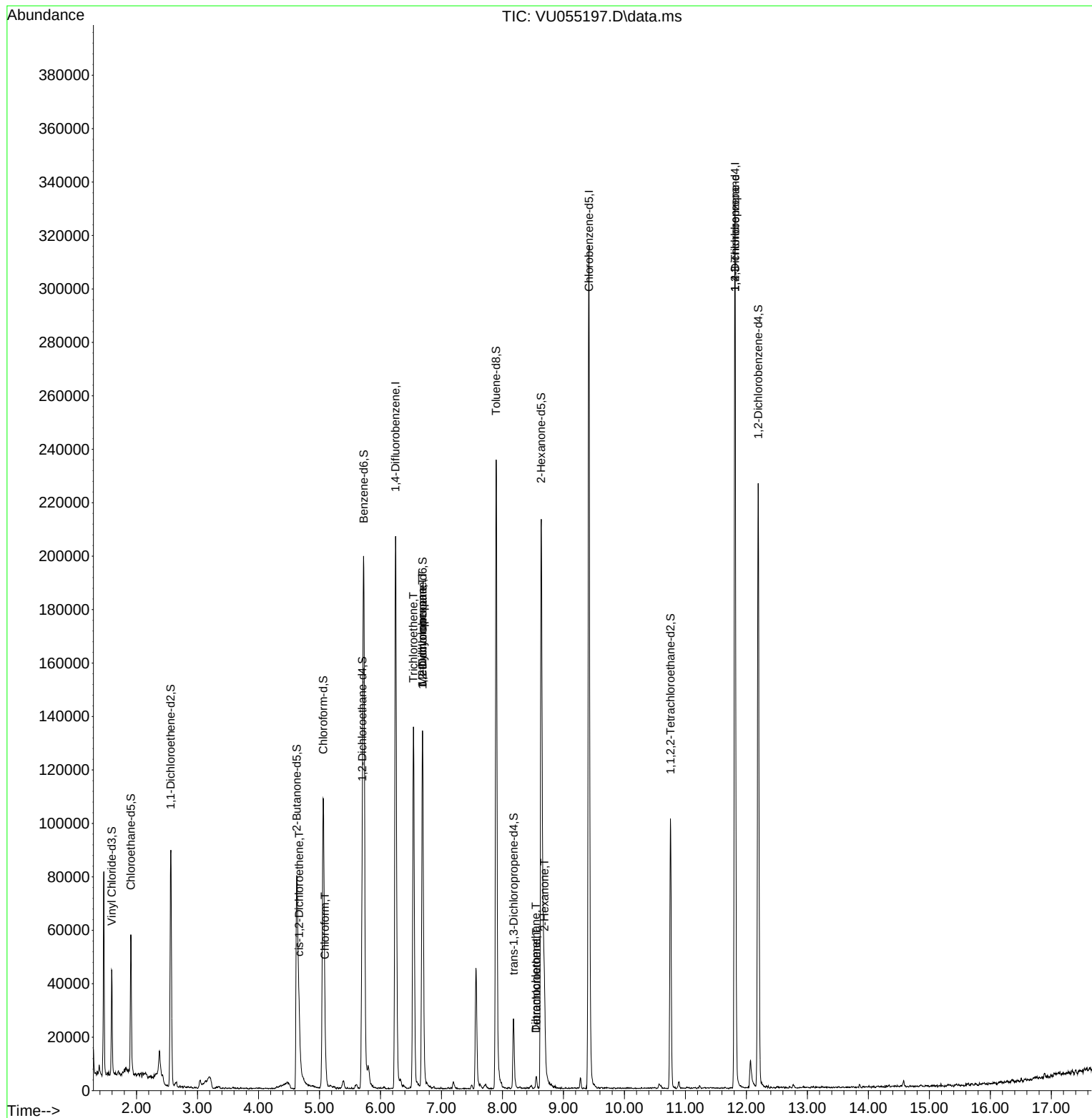
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	162321	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	172611	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	81356	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	26368	3.466	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.400%	
7) Chloroethane-d5	1.907	69	34899	3.963	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.200%	
11) 1,1-Dichloroethene-d2	2.560	65	16327	3.767	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.400%	
20) 2-Butanone-d5	4.628	46	129973	58.873	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	117.740%	
24) Chloroform-d	5.062	84	96952	4.803	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.000%	
26) 1,2-Dichloroethane-d4	5.701	65	52824	5.230	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.600%	
32) Benzene-d6	5.727	84	180793	4.243	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.800%	
36) 1,2-Dichloropropane-d6	6.692	67	64020	4.724	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.400%	
41) Toluene-d8	7.897	98	155670	3.966	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.400%	
43) trans-1,3-Dichloroprop...	8.184	79	15412	4.130	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.600%	
46) 2-Hexanone-d5	8.634	63	65227	43.051	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.100%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	49092	5.151	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.000%	
66) 1,2-Dichlorobenzene-d4	12.193	152	57169	4.814	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.200%	
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.666	96	4959	0.532	ug/L	98
25) Chloroform	5.091	83	12121	0.707	ug/L	96
34) Trichloroethene	6.541	95	45854	4.491	ug/L	97
35) Methylcyclohexane	6.689	83	14426	1.007	ug/L #	21
37) 1,2-Dichloropropane	6.689	63	7078	0.708	ug/L #	88
47) Tetrachloroethene	8.557	164	1154	0.164	ug/L #	54
48) 2-Hexanone	8.688	43	23195	5.190	ug/L #	95
49) Dibromochloromethane	8.550	129	975	0.133	ug/L #	9
61) 1,2,3-Trichloropropane	11.814	75	12055	2.233	ug/L #	71

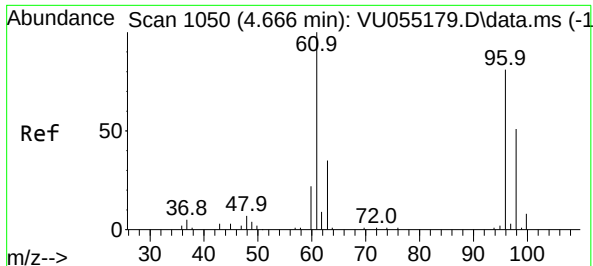
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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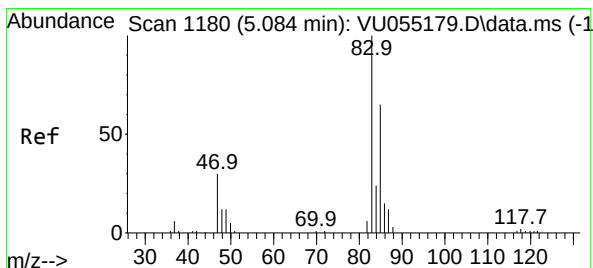
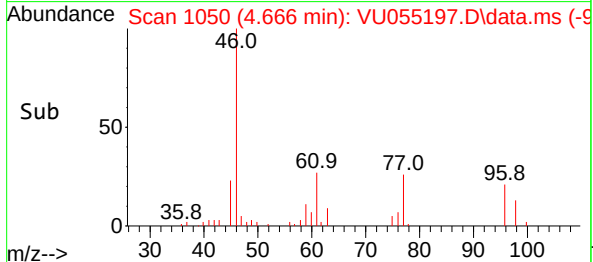
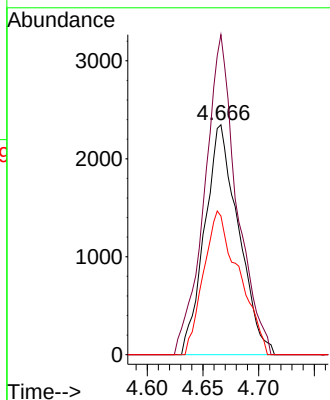
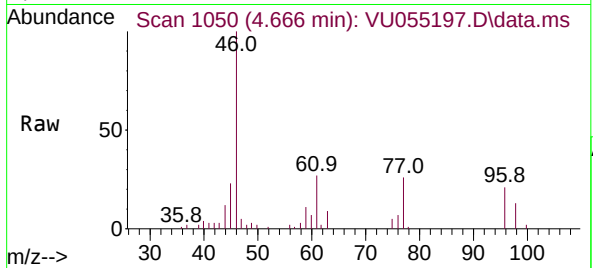




#22
 cis-1,2-Dichloroethene
 Concen: 0.532 ug/L
 RT: 4.666 min Scan# 1182
 Delta R.T. -0.000 min
 Lab File: VU055197.D
 Acq: 07 Sep 2023 18:38

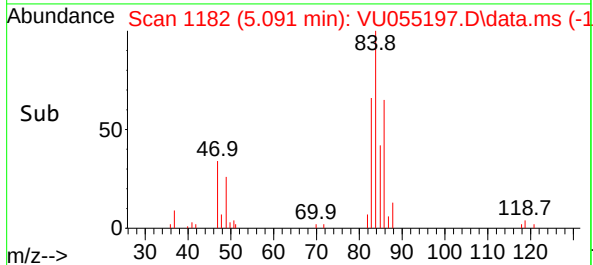
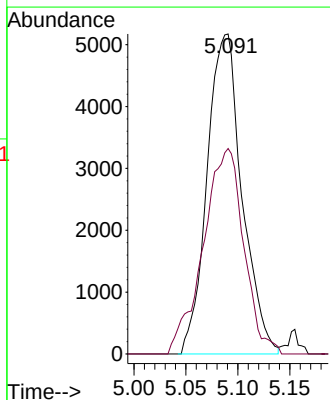
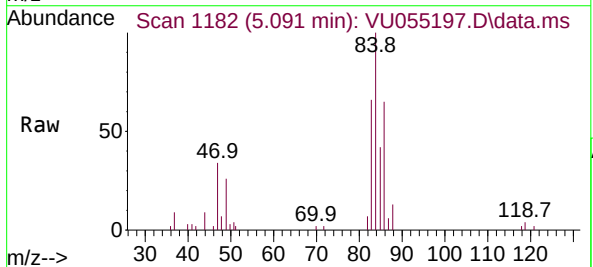
Instrument :
 MSVOA_U
 ClientSampleId :

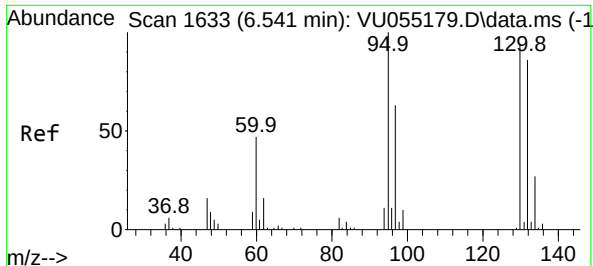
Tgt Ion: 96 Resp: 4959
 Ion Ratio Lower Upper
 96 100
 61 139.2 97.2 180.4
 98 60.3 46.1 85.7



#25
 Chloroform
 Concen: 0.707 ug/L
 RT: 5.091 min Scan# 1182
 Delta R.T. 0.006 min
 Lab File: VU055197.D
 Acq: 07 Sep 2023 18:38

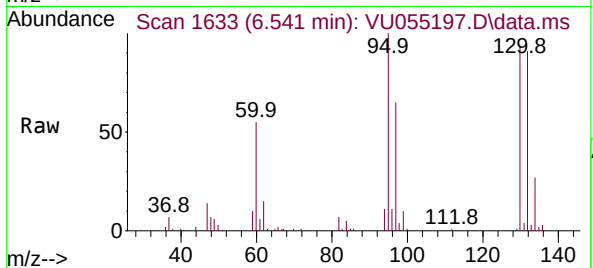
Tgt Ion: 83 Resp: 12121
 Ion Ratio Lower Upper
 83 100
 85 64.2 47.2 87.6





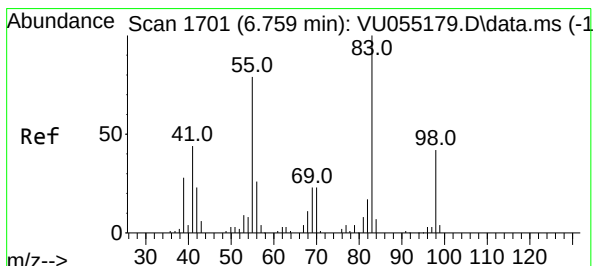
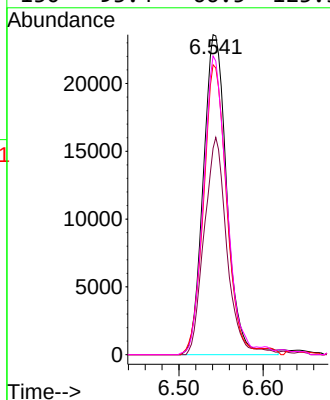
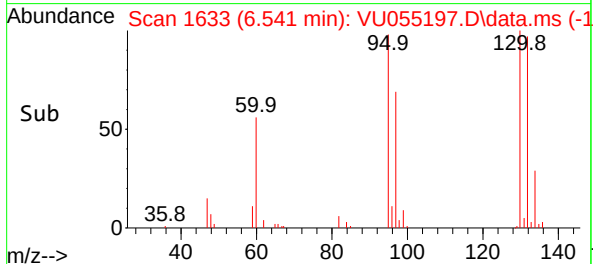
#34
Trichloroethene
Concen: 4.491 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU055197.D
Acq: 07 Sep 2023 18:38

Instrument :
MSVOA_U
ClientSampleId :

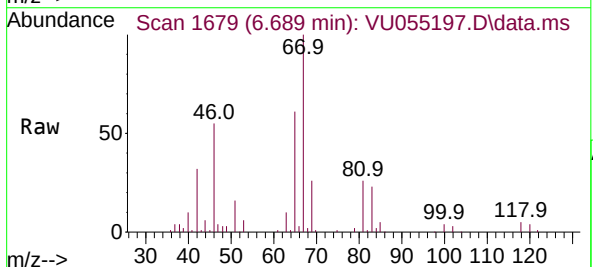


Tgt Ion: 95 Resp: 45854

Ion	Ratio	Lower	Upper
95	100		
97	64.5	44.7	83.1
132	90.6	66.6	123.6
130	93.4	66.5	123.5

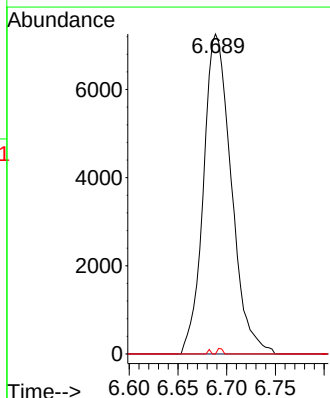
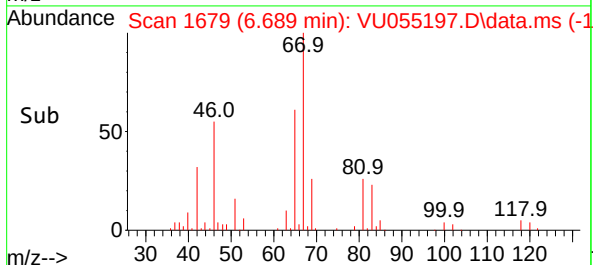


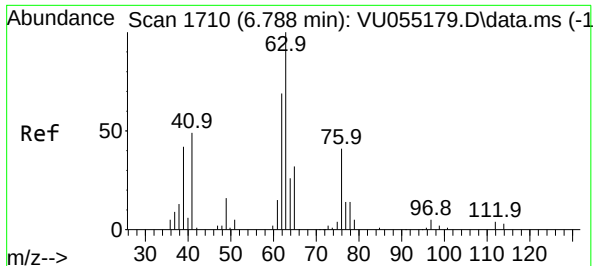
#35
Methylcyclohexane
Concen: 1.007 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055197.D
Acq: 07 Sep 2023 18:38



Tgt Ion: 83 Resp: 14426

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.4	90.6#
98	2.4	35.3	52.9#





#37

1,2-Dichloropropane

Concen: 0.708 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU055197.D

Acq: 07 Sep 2023 18:38

Instrument :

MSVOA_U

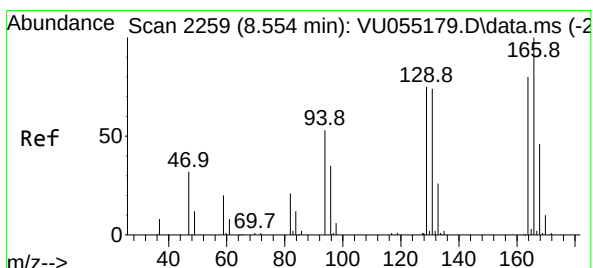
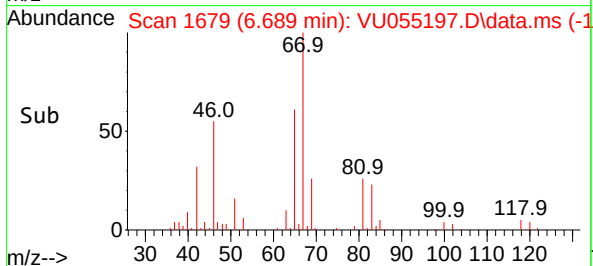
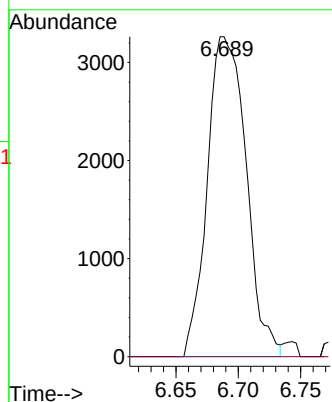
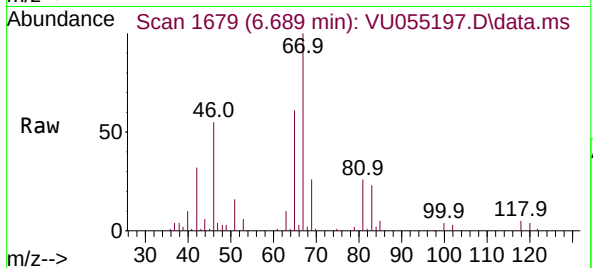
ClientSampleId :

Tgt Ion: 63 Resp: 7078

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#47

Tetrachloroethene

Concen: 0.164 ug/L

RT: 8.557 min Scan# 2260

Delta R.T. 0.003 min

Lab File: VU055197.D

Acq: 07 Sep 2023 18:38

Tgt Ion: 164 Resp: 1154

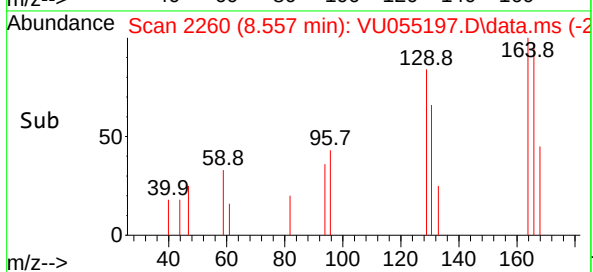
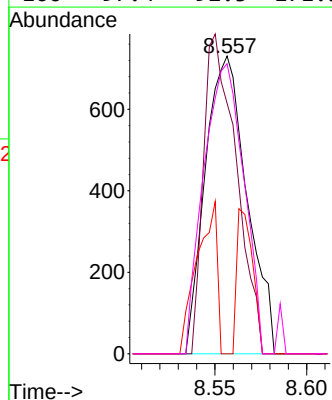
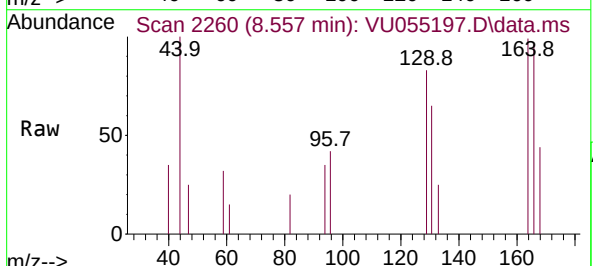
Ion Ratio Lower Upper

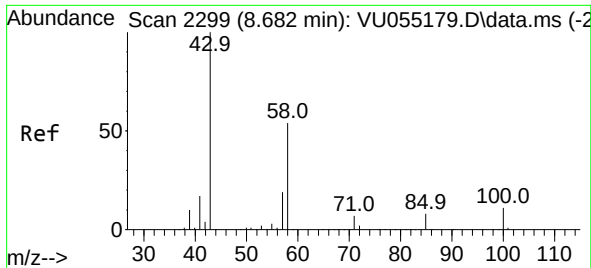
164 100

129 84.1 69.2 128.6

131 0.0 68.8 127.8#

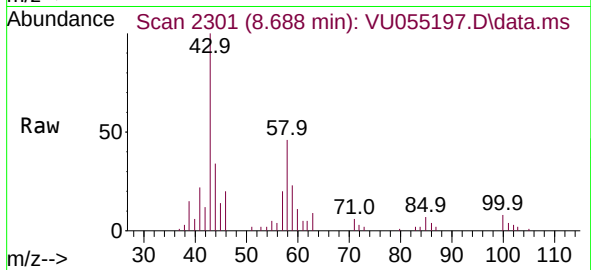
166 97.4 92.3 171.5



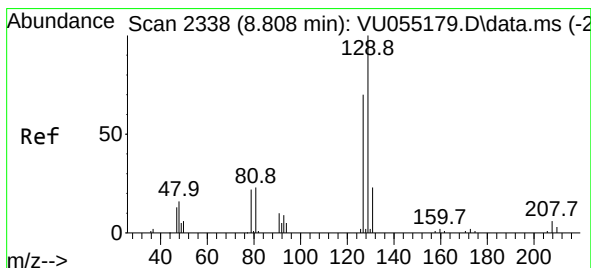
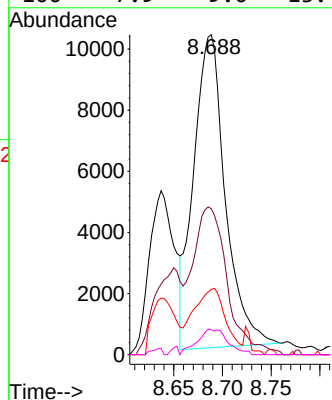
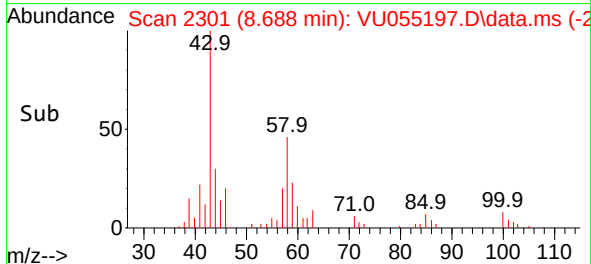


#48
2-Hexanone
Concen: 5.190 ug/L
RT: 8.688 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU055197.D
Acq: 07 Sep 2023 18:38

Instrument :
MSVOA_U
ClientSampleId :

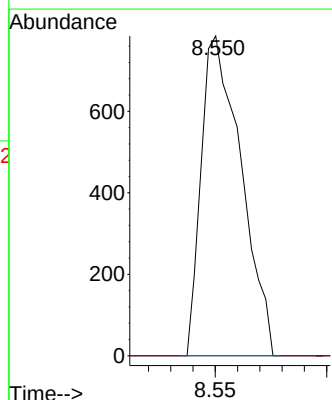
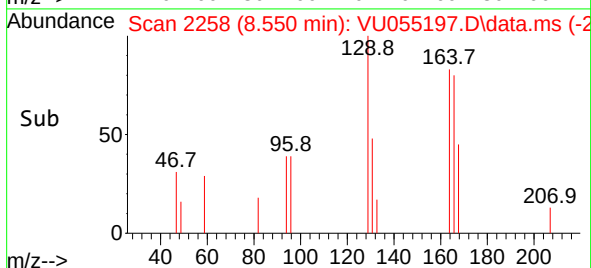
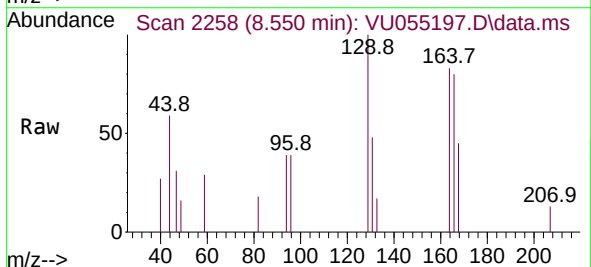


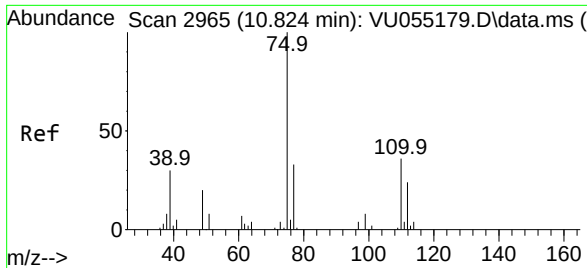
Tgt Ion	Ratio	Lower	Upper
43	100		
58	51.3	44.0	66.0
57	21.4	16.2	24.2
100	7.9	9.0	13.4



#49
Dibromochloromethane
Concen: 0.133 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.257 min
Lab File: VU055197.D
Acq: 07 Sep 2023 18:38

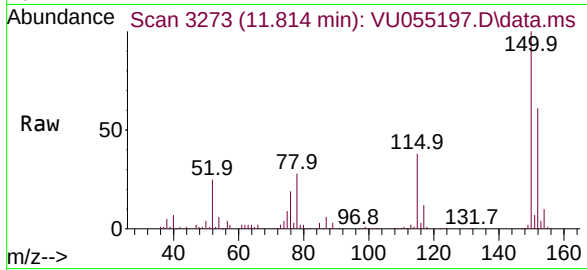
Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.9	103.7





#61
 1,2,3-Trichloropropane
 Concen: 2.233 ug/L
 RT: 11.814 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055197.D
 Acq: 07 Sep 2023 18:38

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	12055
Ion	Ratio	Lower	Upper
75	100		
110	3.4	28.2	42.2#
77	33.7	26.2	39.4

