

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006971.D
 Acq On : 06 Dec 2021 19:09
 Operator : SY/MD
 Sample : M4887-19
 Misc : 6.36g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 00:49:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 07 00:43:47 2021
 Response via : Initial Calibration

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

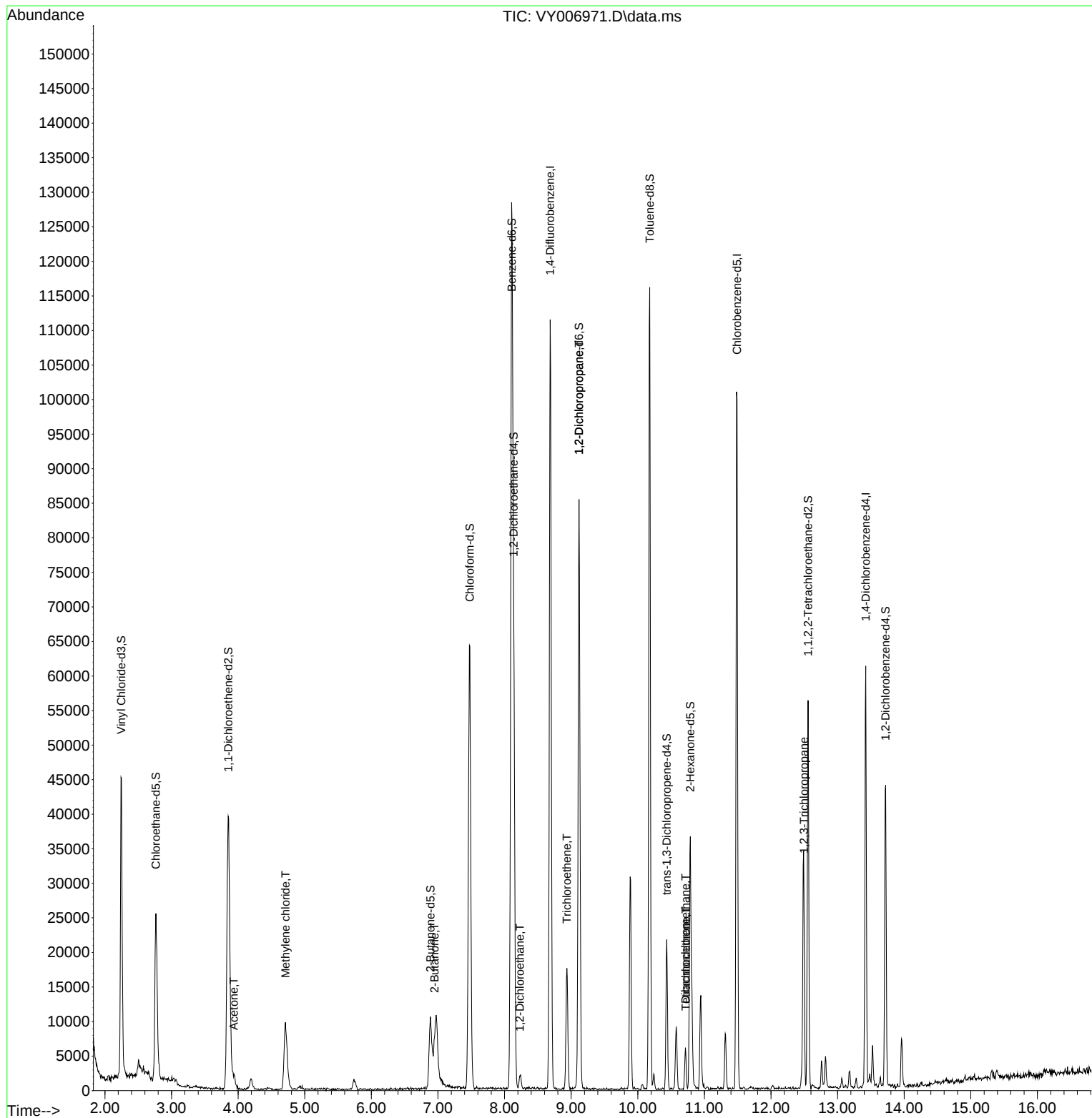
Internal Standards						
1) 1,4-Difluorobenzene	8.685	114	88951	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	50111	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	13195	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	47024	41.047	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 164.200%#	
7) Chloroethane-d5	2.766	69	30933	34.420	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 137.680%	
11) 1,1-Dichloroethene-d2	3.851	63	44976	18.884	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 75.520%	
21) 2-Butanone-d5	6.887	46	18038	40.766	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 81.540%	
24) Chloroform-d	7.478	84	62136	28.030	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 112.120%	
26) 1,2-Dichloroethane-d4	8.137	65	38777	29.142	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 116.560%	
32) Benzene-d6	8.106	84	112034	42.088	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 168.360%#	
36) 1,2-Dichloropropane-d6	9.118	67	38612	46.167	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 184.680%#	
41) Toluene-d8	10.179	98	71360	28.623	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 114.480%	
43) trans-1,3-Dichloroprop...	10.435	79	11069	27.363	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 109.440%	
47) 2-Hexanone-d5	10.789	63	10266	53.036	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 106.080%	
56) 1,1,2,2-Tetrachloroeth...	12.557	84	25662	36.829	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 147.320%#	
66) 1,2-Dichlorobenzene-d4	13.721	152	10083	23.433	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 93.720%	
Target Compounds						
					Qvalue	
13) Acetone	3.936	43	2185	5.388	ug/L	70
16) Methylene chloride	4.710	84	7150	4.482	ug/L	91
22) 2-Butanone	6.948	43	8841	15.585	ug/L #	52
27) 1,2-Dichloroethane	8.228	62	1102	0.625	ug/L	99
34) Trichloroethene	8.935	95	5508	6.638	ug/L	97
37) 1,2-Dichloropropane	9.118	63	4396	5.090	ug/L #	87
46) Tetrachloroethene	10.721	164	1304	1.876	ug/L	81
49) Dibromochloromethane	10.715	129	928	1.198	ug/L #	12
61) 1,2,3-Trichloropropane	12.496	75	262	0.817	ug/L #	67

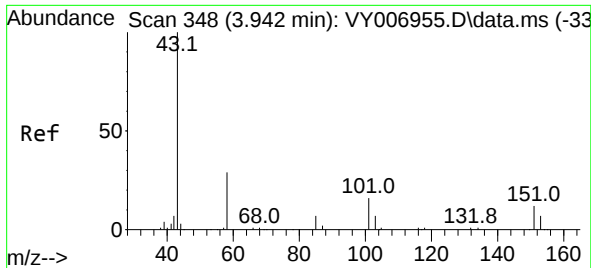
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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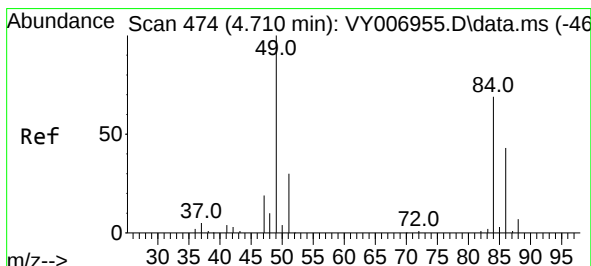
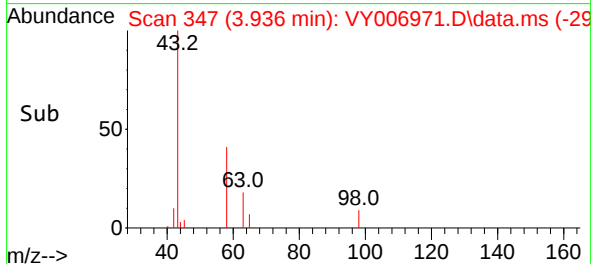
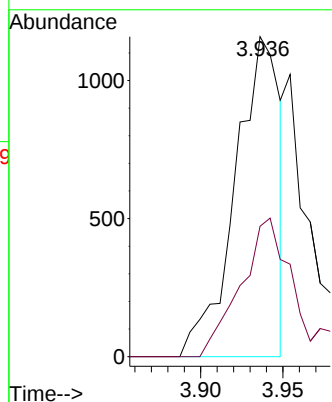
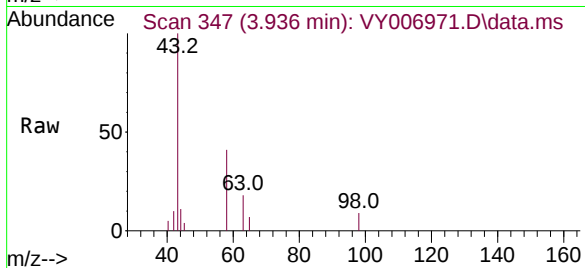




#13
Acetone
Concen: 5.388 ug/L
RT: 3.936 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY006971.D
Acq: 06 Dec 2021 19:09

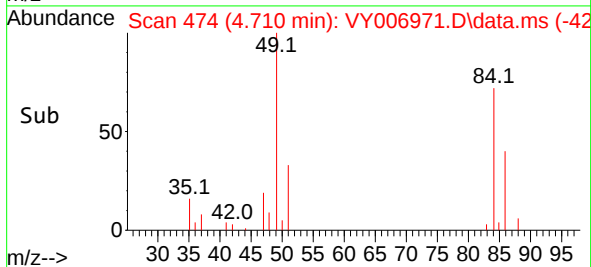
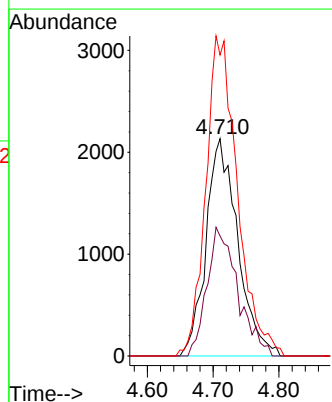
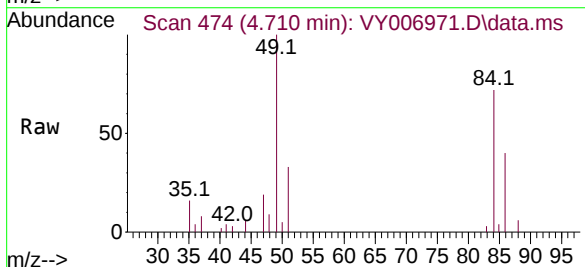
Instrument :
MSVOA_Y
ClientSampleId :

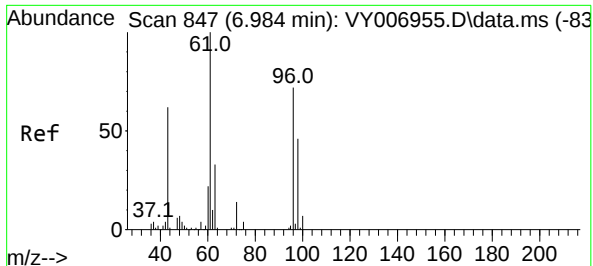
Tgt Ion: 43 Resp: 2185
Ion Ratio Lower Upper
43 100
58 46.9 0.0 60.8



#16
Methylene chloride
Concen: 4.482 ug/L
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY006971.D
Acq: 06 Dec 2021 19:09

Tgt Ion: 84 Resp: 7150
Ion Ratio Lower Upper
84 100
86 55.2 43.4 80.6
49 138.5 89.1 165.5





#22

2-Butanone

Concen: 15.585 ug/L

RT: 6.948 min Scan# 841

Delta R.T. -0.036 min

Lab File: VY006971.D

Acq: 06 Dec 2021 19:09

Instrument :

MSVOA_Y

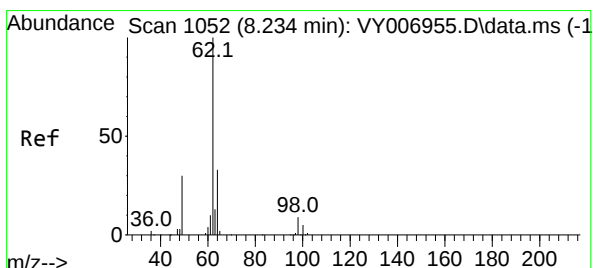
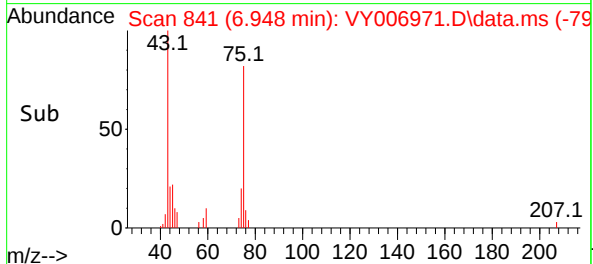
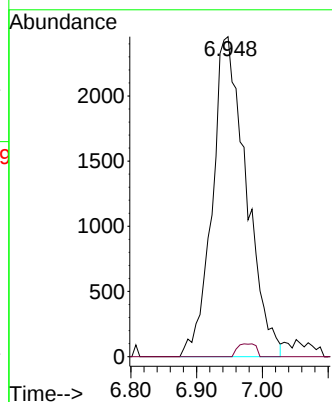
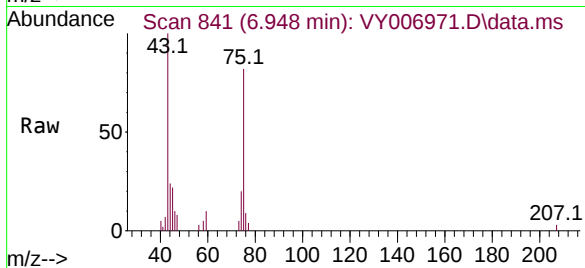
ClientSampleId :

Tgt Ion: 43 Resp: 8841

Ion Ratio Lower Upper

43 100

72 1.4 12.9 38.6#



#27

1,2-Dichloroethane

Concen: 0.625 ug/L

RT: 8.228 min Scan# 1051

Delta R.T. -0.006 min

Lab File: VY006971.D

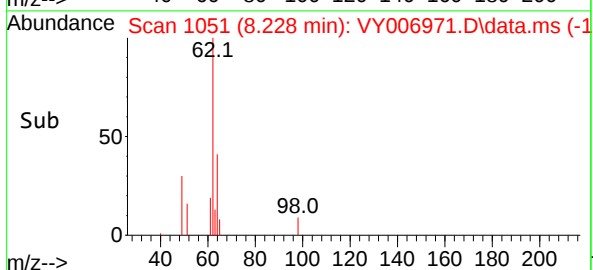
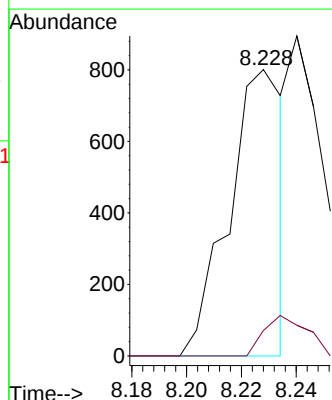
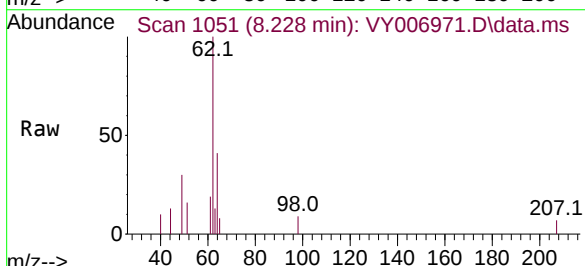
Acq: 06 Dec 2021 19:09

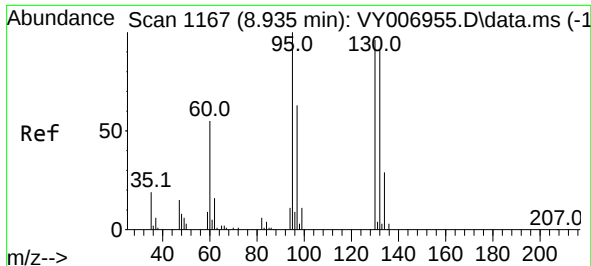
Tgt Ion: 62 Resp: 1102

Ion Ratio Lower Upper

62 100

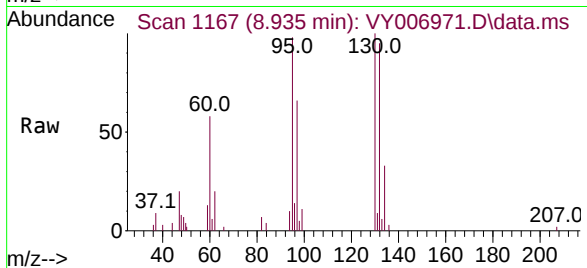
98 8.9 6.9 10.3



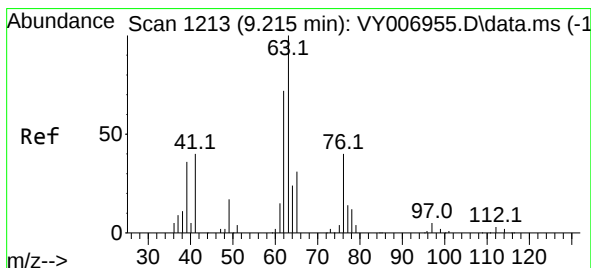
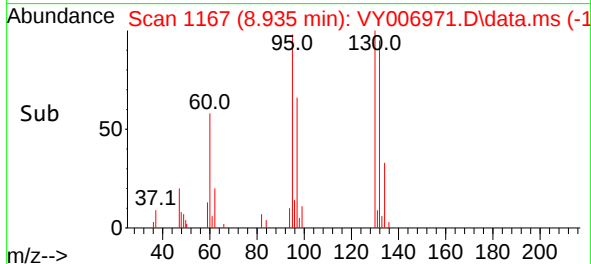
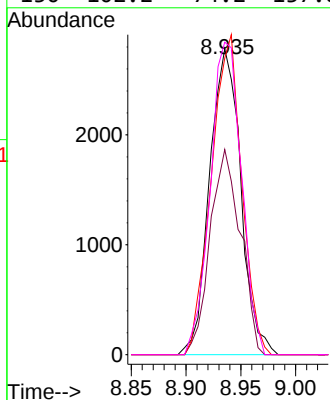


#34
 Trichloroethene
 Concen: 6.638 ug/L
 RT: 8.935 min Scan# 1167
 Delta R.T. 0.000 min
 Lab File: VY006971.D
 Acq: 06 Dec 2021 19:09

Instrument :
 MSVOA_Y
 ClientSampleId :

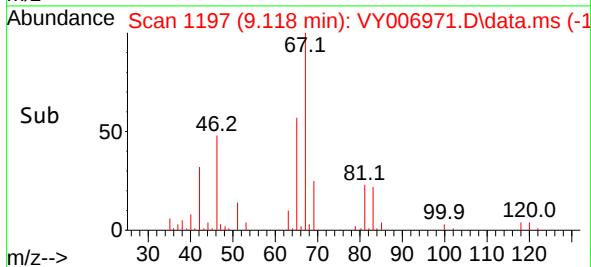
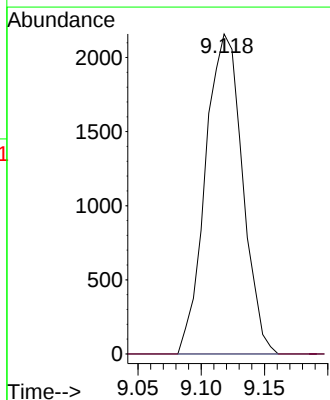
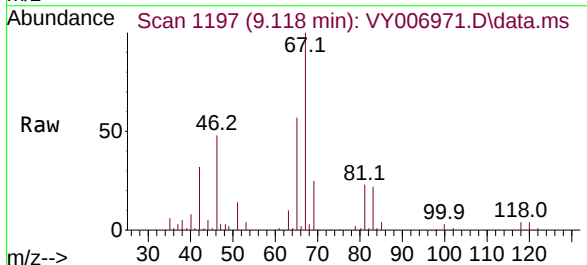


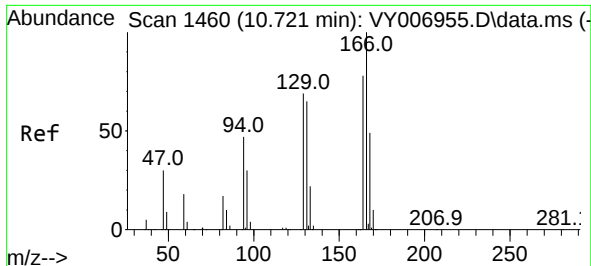
Tgt Ion:	95	Resp:	5508
Ion	Ratio	Lower	Upper
95	100		
97	67.1	47.3	87.8
132	96.9	71.3	132.5
130	102.2	74.2	137.8



#37
 1,2-Dichloropropane
 Concen: 5.090 ug/L
 RT: 9.118 min Scan# 1197
 Delta R.T. -0.097 min
 Lab File: VY006971.D
 Acq: 06 Dec 2021 19:09

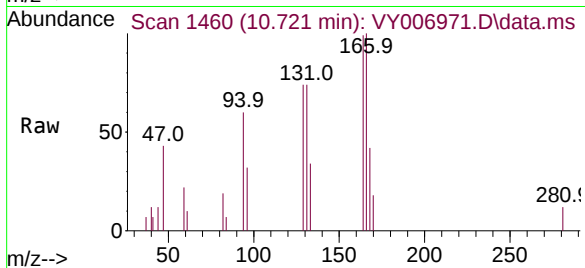
Tgt Ion:	63	Resp:	4396
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#



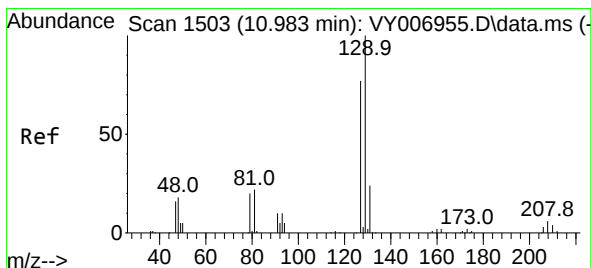
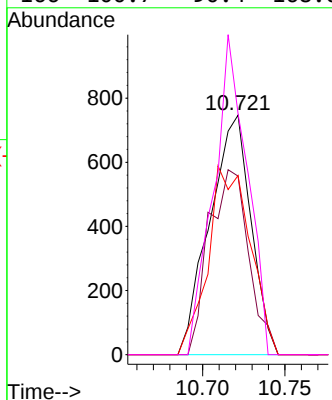
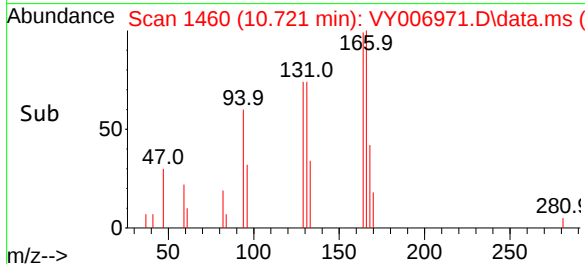


#46
Tetrachloroethene
Concen: 1.876 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006971.D
Acq: 06 Dec 2021 19:09

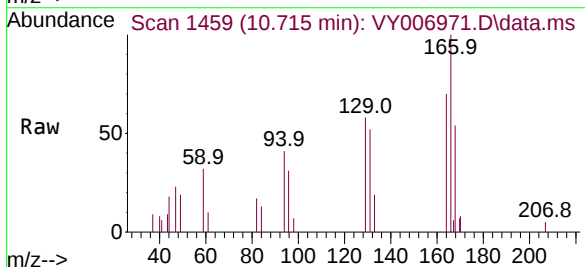
Instrument :
MSVOA_Y
ClientSampleId :



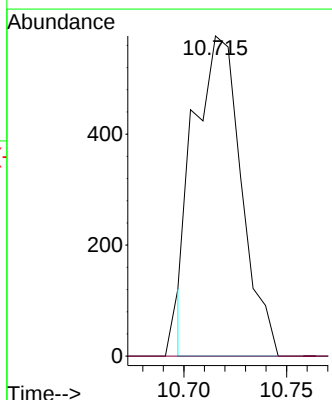
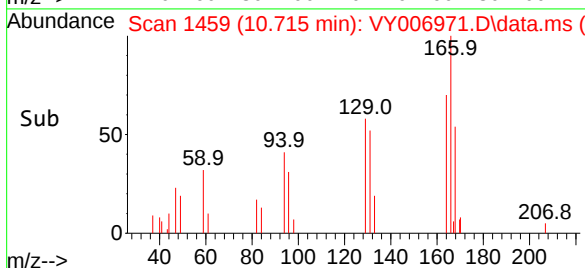
Tgt Ion:164 Resp: 1304
Ion Ratio Lower Upper
164 100
129 74.6 62.1 115.3
131 74.8 61.0 113.2
166 100.7 90.4 168.0

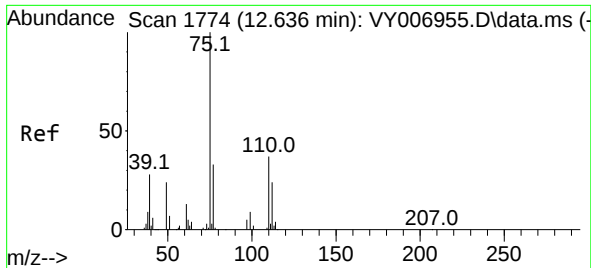


#49
Dibromochloromethane
Concen: 1.198 ug/L
RT: 10.715 min Scan# 1459
Delta R.T. -0.268 min
Lab File: VY006971.D
Acq: 06 Dec 2021 19:09



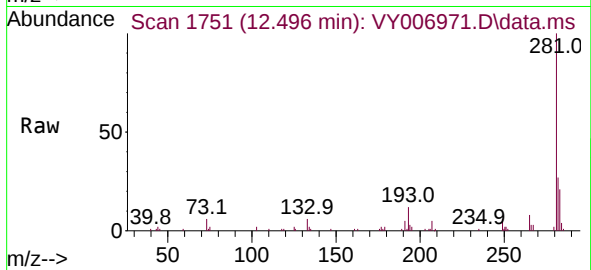
Tgt Ion:129 Resp: 928
Ion Ratio Lower Upper
129 100
127 0.0 52.1 96.9#





#61
 1,2,3-Trichloropropane
 Concen: 0.817 ug/L
 RT: 12.496 min Scan# 11
 Delta R.T. -0.140 min
 Lab File: VY006971.D
 Acq: 06 Dec 2021 19:09

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75	Resp:	262
Ion Ratio	Lower	Upper
75	100	
77	0.0	25.4 38.0#
110	31.7	31.7 47.5#

