

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006970.D
 Acq On : 06 Dec 2021 18:47
 Operator : SY/MD
 Sample : M4887-16
 Misc : 5.65g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 00:49:02 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)

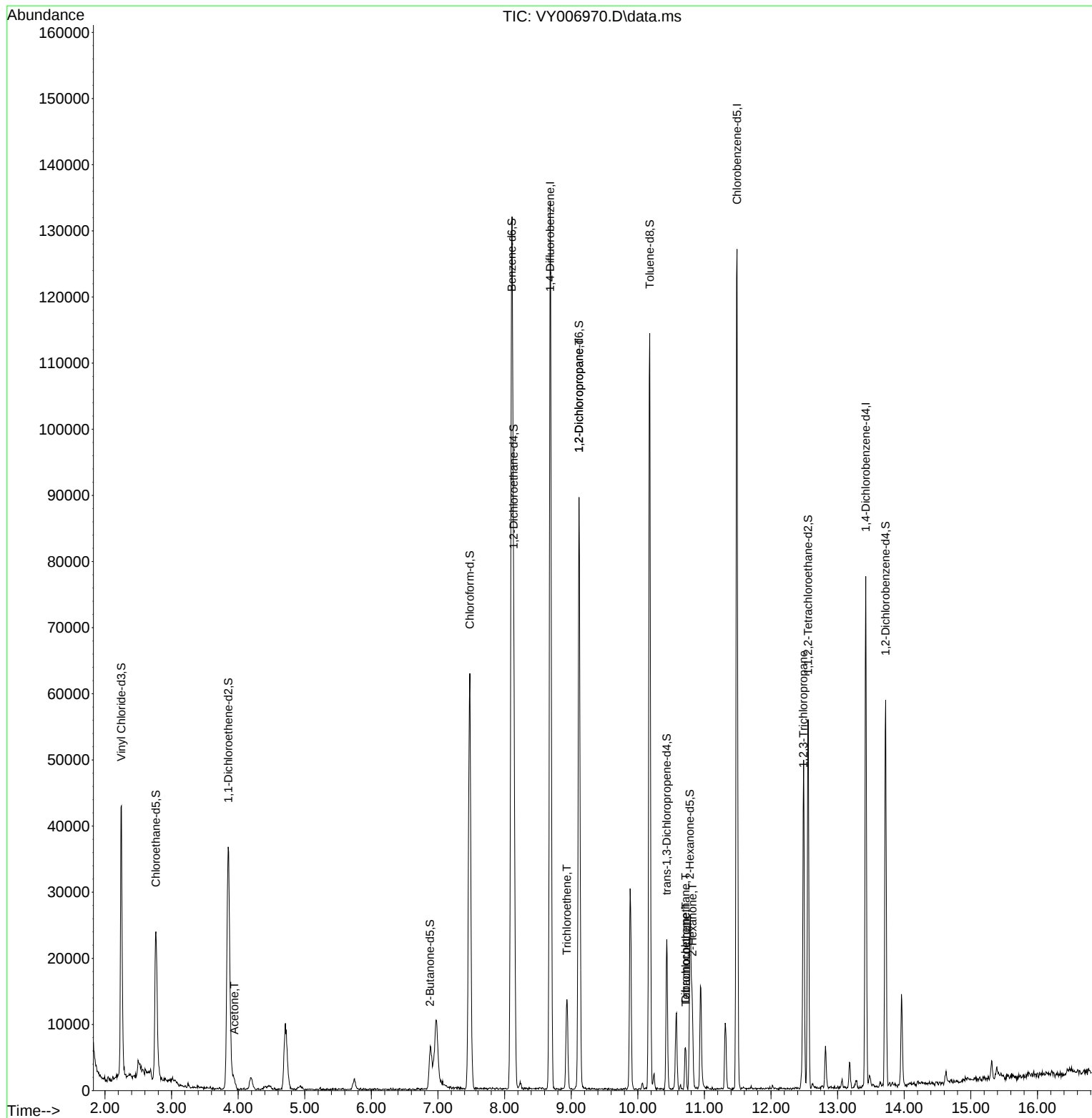
Internal Standards						
1) 1,4-Difluorobenzene	8.685	114	105428	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	62432	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	16902	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	43372	31.942	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 127.760%		
7) Chloroethane-d5	2.765	69	30052	28.214	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 112.840%		
11) 1,1-Dichloroethene-d2	3.851	63	41435	14.679	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 58.720%		
21) 2-Butanone-d5	6.880	46	11780	22.462	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 44.920%		
24) Chloroform-d	7.478	84	60393	22.986	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 91.960%		
26) 1,2-Dichloroethane-d4	8.136	65	40839	25.895	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 103.600%		
32) Benzene-d6	8.106	84	110558	33.337	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 133.360%		
36) 1,2-Dichloropropane-d6	9.118	67	39863	38.257	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 153.040%#		
41) Toluene-d8	10.179	98	71962	23.168	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 92.680%		
43) trans-1,3-Dichloroprop...	10.435	79	11228	22.278	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 89.120%		
47) 2-Hexanone-d5	10.782	63	7471	30.979	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 61.960%		
56) 1,1,2,2-Tetrachloroeth...	12.556	84	26452	30.471	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 121.880%#		
66) 1,2-Dichlorobenzene-d4	13.721	152	13436	24.377	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 97.520%		
Target Compounds						
						Qvalue
13) Acetone	3.942	43	2211	4.600	ug/L	77
34) Trichloroethene	8.935	95	4686	4.533	ug/L	94
37) 1,2-Dichloropropane	9.118	63	4583	4.259	ug/L #	87
46) Tetrachloroethene	10.721	164	1325	1.530	ug/L	86
48) 2-Hexanone	10.819	43	9317	15.044	ug/L #	44
49) Dibromochloromethane	10.715	129	1170	1.213	ug/L #	12
61) 1,2,3-Trichloropropane	12.483	75	356	0.867	ug/L #	60

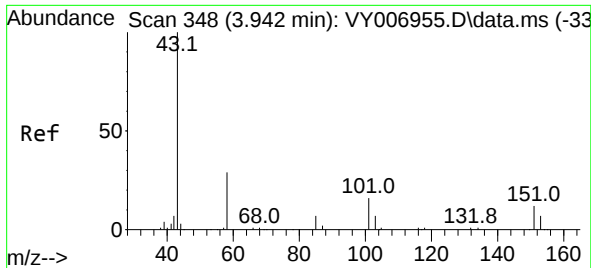
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 07 00:43:47 2021
Response via : Initial Calibration





#13

Acetone

Concen: 4.600 ug/L

RT: 3.942 min Scan# 348

Delta R.T. -0.000 min

Lab File: VY006970.D

Acq: 06 Dec 2021 18:47

Instrument :

MSVOA_Y

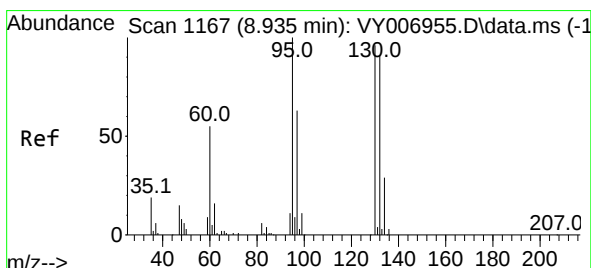
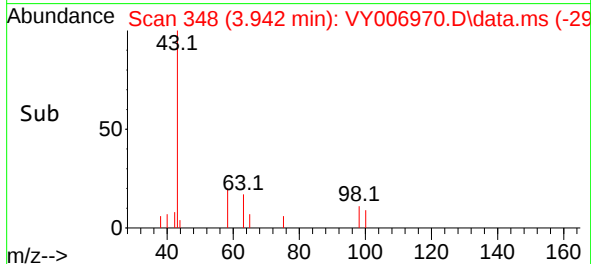
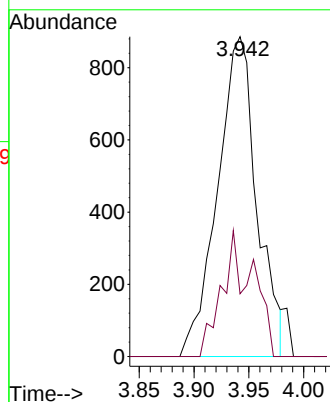
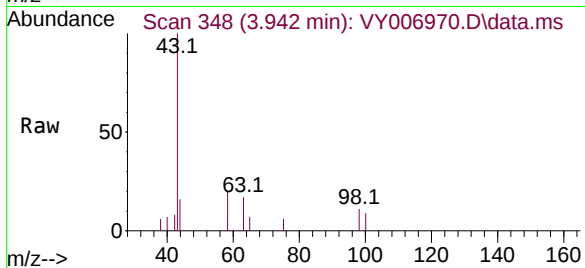
ClientSampleId :

Tgt Ion: 43 Resp: 2211

Ion Ratio Lower Upper

43 100

58 17.6 0.0 60.8



#34

Trichloroethene

Concen: 4.533 ug/L

RT: 8.935 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VY006970.D

Acq: 06 Dec 2021 18:47

Tgt Ion: 95 Resp: 4686

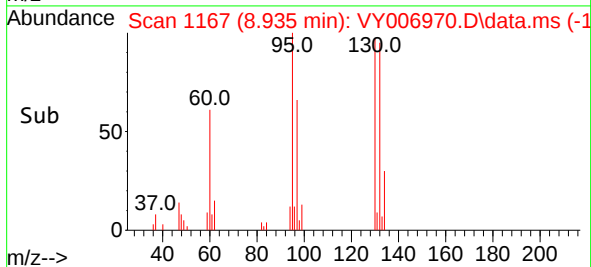
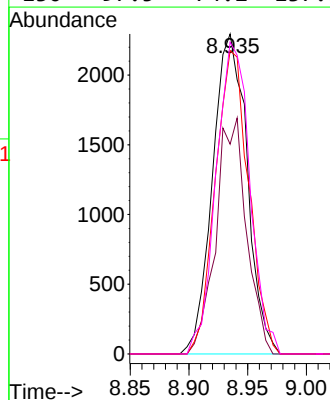
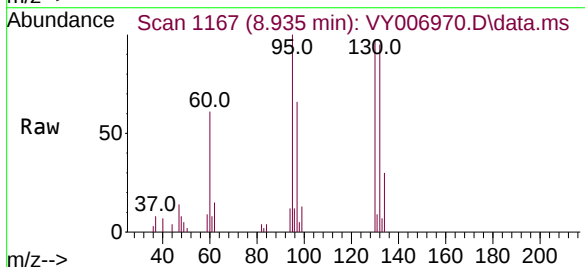
Ion Ratio Lower Upper

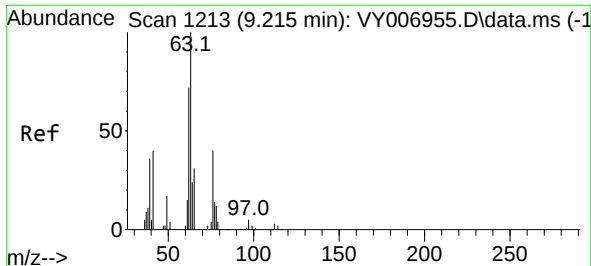
95 100

97 65.5 47.3 87.8

132 94.8 71.3 132.5

130 97.5 74.2 137.8





#37

1,2-Dichloropropane

Concen: 4.259 ug/L

RT: 9.118 min Scan# 1197

Delta R.T. -0.098 min

Lab File: VY006970.D

Acq: 06 Dec 2021 18:47

Instrument :

MSVOA_Y

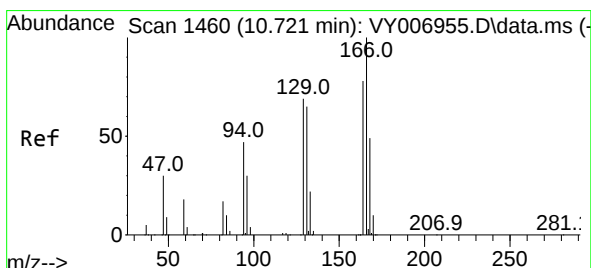
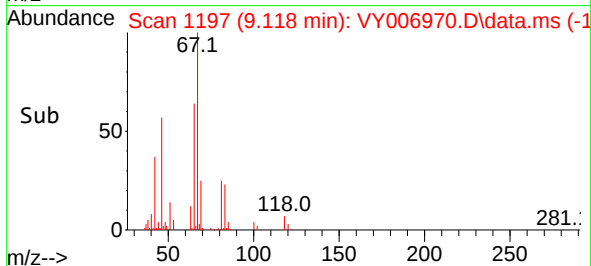
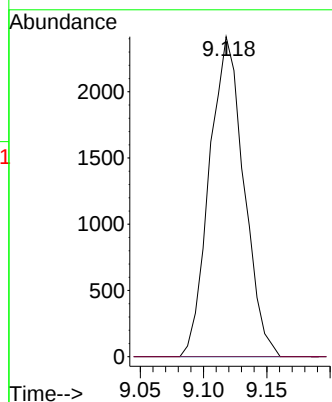
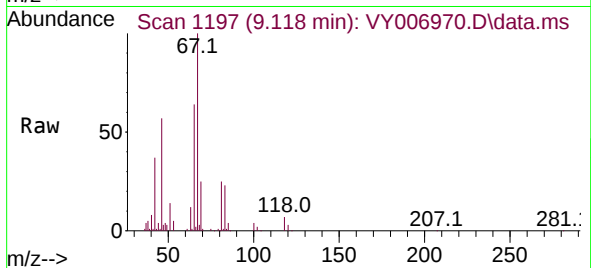
ClientSampleId :

Tgt Ion: 63 Resp: 4583

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#46

Tetrachloroethene

Concen: 1.530 ug/L

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY006970.D

Acq: 06 Dec 2021 18:47

Tgt Ion: 164 Resp: 1325

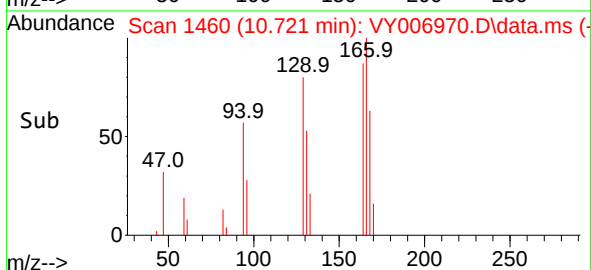
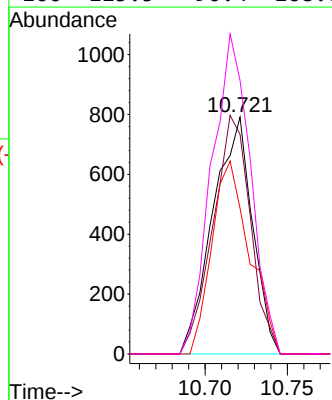
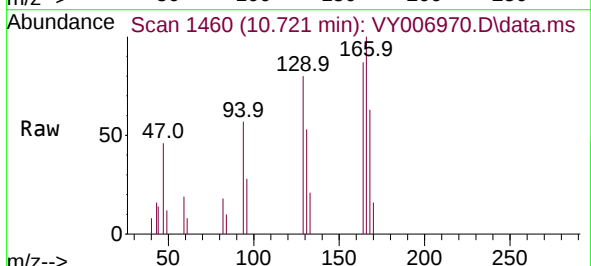
Ion Ratio Lower Upper

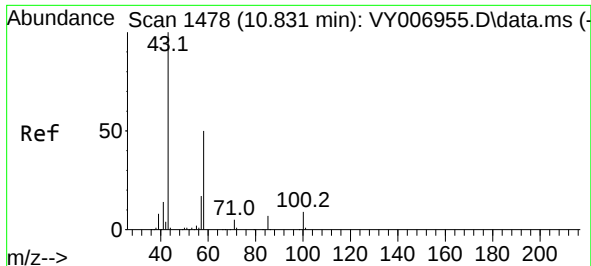
164 100

129 92.8 62.1 115.3

131 61.6 61.0 113.2

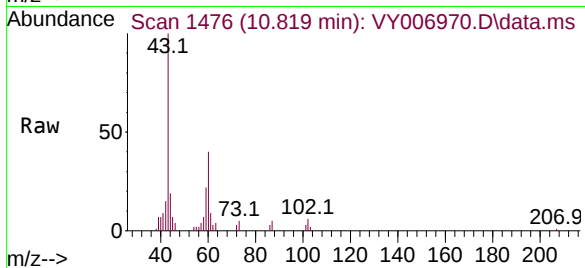
166 115.5 90.4 168.0



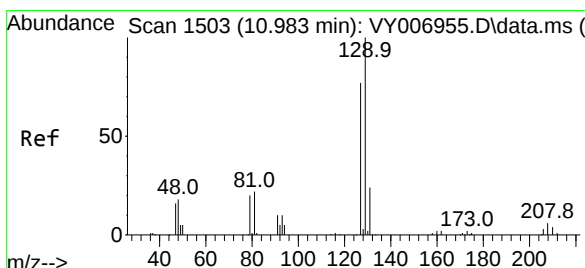
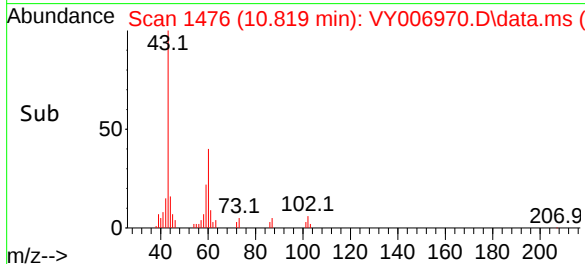
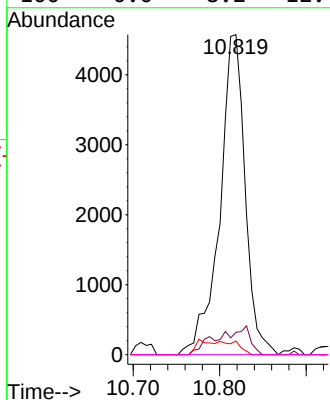


#48
2-Hexanone
Concen: 15.044 ug/L
RT: 10.819 min Scan# 1478
Delta R.T. -0.012 min
Lab File: VY006970.D
Acq: 06 Dec 2021 18:47

Instrument :
MSVOA_Y
ClientSampleId :

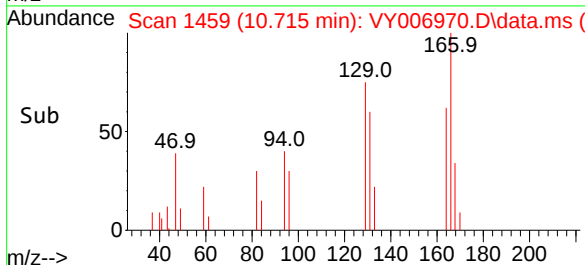
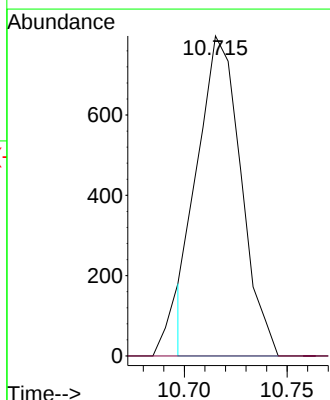
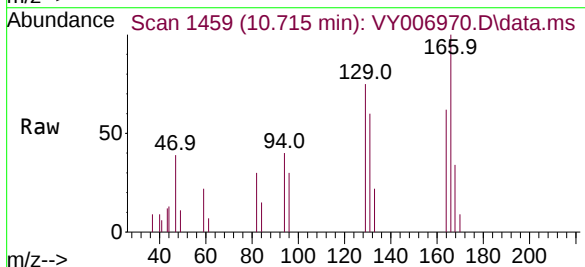


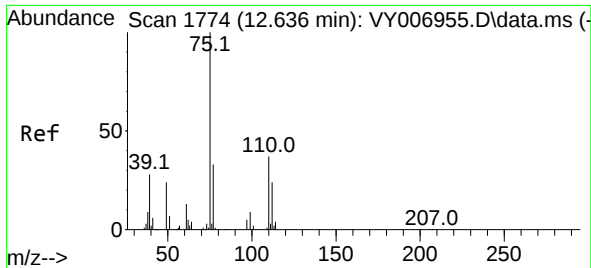
Tgt Ion: 43 Resp: 9317
Ion Ratio Lower Upper
43 100
58 3.1 39.9 59.9#
57 1.4 14.2 21.4#
100 0.0 8.2 12.4#



#49
Dibromochloromethane
Concen: 1.213 ug/L
RT: 10.715 min Scan# 1459
Delta R.T. -0.268 min
Lab File: VY006970.D
Acq: 06 Dec 2021 18:47

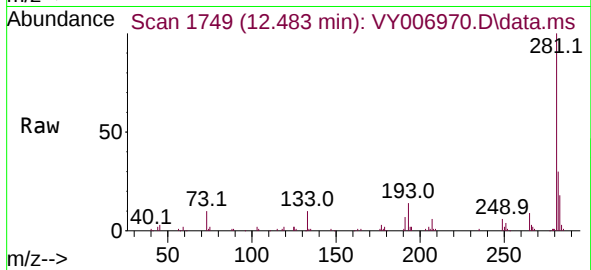
Tgt Ion: 129 Resp: 1170
Ion Ratio Lower Upper
129 100
127 0.0 52.1 96.9#





#61
 1,2,3-Trichloropropane
 Concen: 0.867 ug/L
 RT: 12.483 min Scan# 11
 Delta R.T. -0.152 min
 Lab File: VY006970.D
 Acq: 06 Dec 2021 18:47

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 356
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#
 110 23.3 31.7 47.5#

