

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006966.D
 Acq On : 06 Dec 2021 17:19
 Operator : SY/MD
 Sample : M4887-11
 Misc : 5.49g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 00:48:16 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)

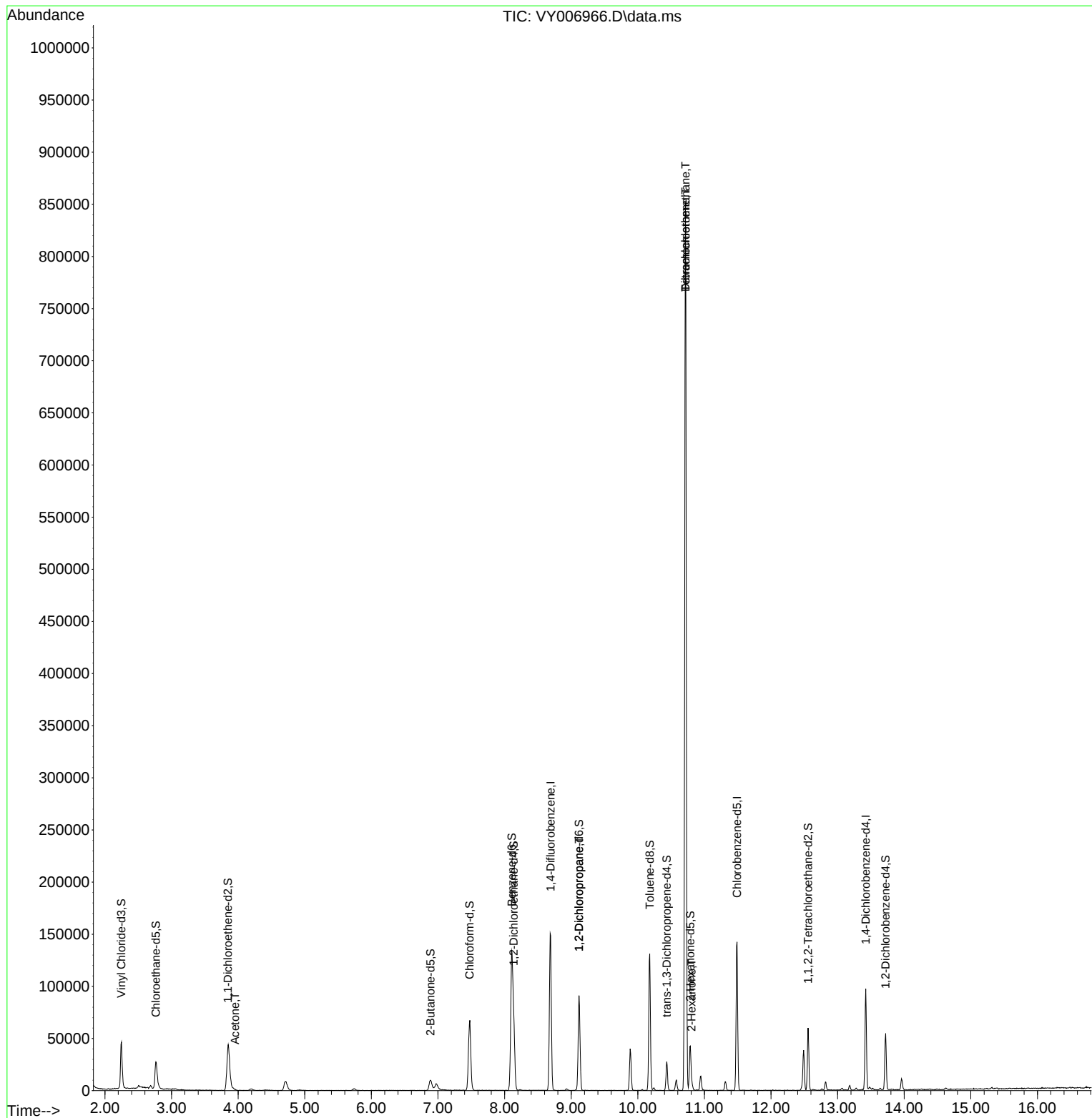
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	121259	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	70672	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	22386	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	48854	31.282	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 125.120%	
7) Chloroethane-d5	2.765	69	33224	27.120	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.480%	
11) 1,1-Dichloroethene-d2	3.844	63	47961	14.772	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	= 59.080%	
21) 2-Butanone-d5	6.887	46	18589	30.818	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 61.640%	
24) Chloroform-d	7.472	84	65963	21.828	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 87.320%	
26) 1,2-Dichloroethane-d4	8.136	65	41619	22.944	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 91.760%	
32) Benzene-d6	8.106	84	119939	31.949	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 127.800%	
36) 1,2-Dichloropropane-d6	9.118	67	40961	34.727	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 138.920%#	
41) Toluene-d8	10.179	98	82252	23.393	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 93.560%	
43) trans-1,3-Dichloroprop...	10.435	79	14262	24.999	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 100.000%	
47) 2-Hexanone-d5	10.788	63	13209	48.386	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 96.780%	
56) 1,1,2,2-Tetrachloroeth...	12.556	84	27574	28.060	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 112.240%	
66) 1,2-Dichlorobenzene-d4	13.721	152	12426	17.021	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 68.080%#	
Target Compounds						
					Qvalue	
13) Acetone	3.954	43	963	1.742	ug/L	52
37) 1,2-Dichloropropane	9.118	63	4425	3.633	ug/L #	87
46) Tetrachloroethene	10.715	164	164232	167.499	ug/L	96
48) 2-Hexanone	10.807	43	2395	3.416	ug/L #	43
49) Dibromochloromethane	10.715	129	144271	132.107	ug/L #	12

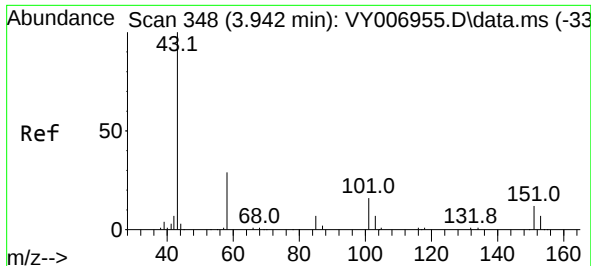
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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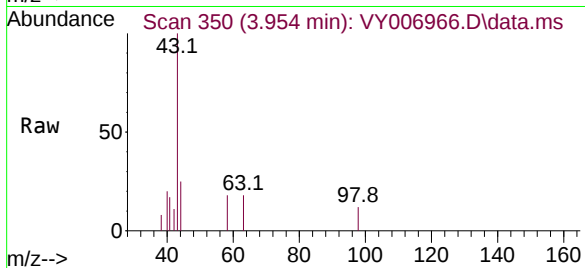
Quant Time: Dec 07 00:48:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
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QLast Update : Tue Dec 07 00:43:47 2021
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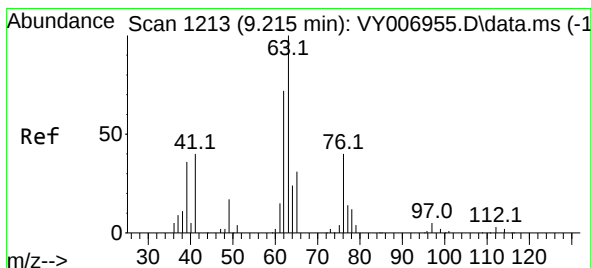
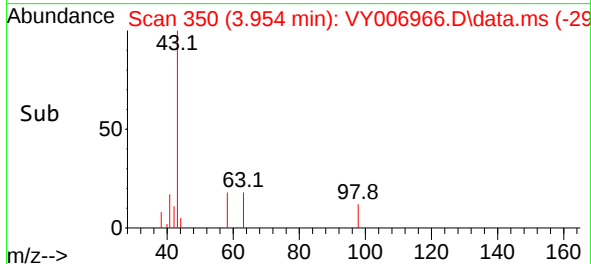
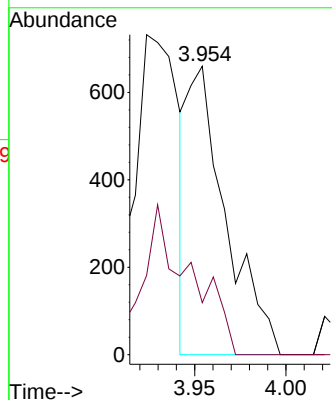


#13
Acetone
Concen: 1.742 ug/L
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY006966.D
Acq: 06 Dec 2021 17:19

Instrument :
MSVOA_Y
ClientSampleId :

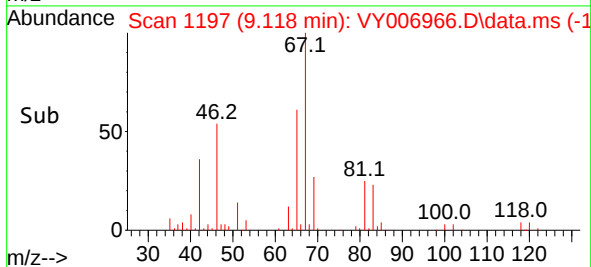
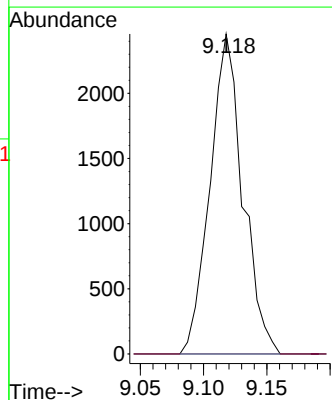
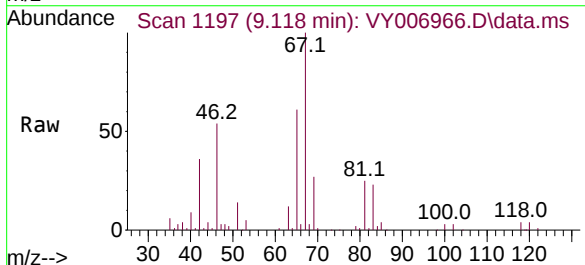


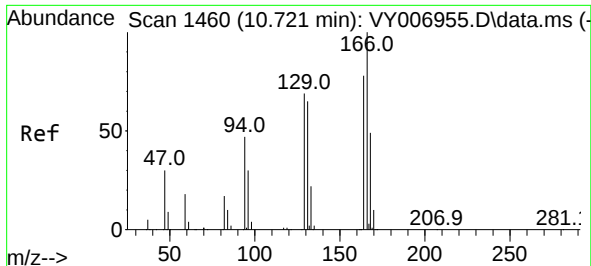
Tgt Ion: 43 Resp: 963
Ion Ratio Lower Upper
43 100
58 4.5 0.0 60.8



#37
1,2-Dichloropropane
Concen: 3.633 ug/L
RT: 9.118 min Scan# 1197
Delta R.T. -0.098 min
Lab File: VY006966.D
Acq: 06 Dec 2021 17:19

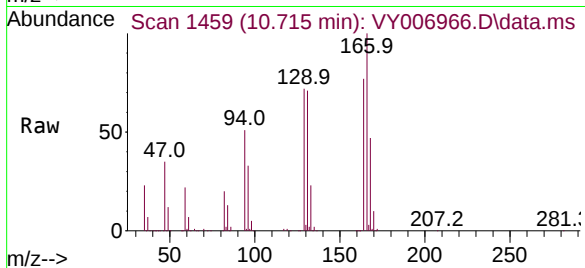
Tgt Ion: 63 Resp: 4425
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



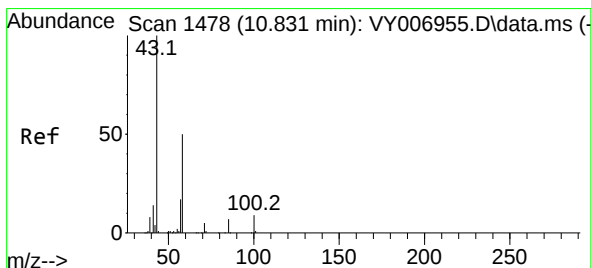
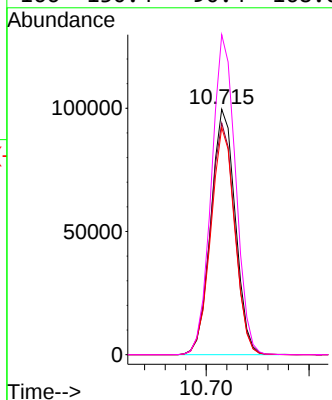
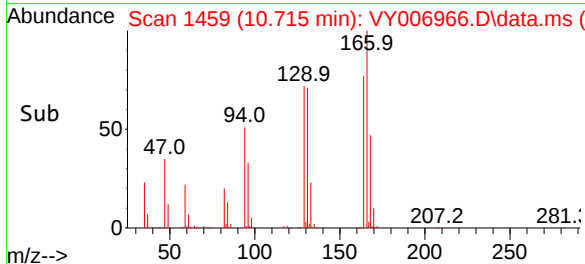


#46
Tetrachloroethene
Concen: 167.499 ug/L
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY006966.D
Acq: 06 Dec 2021 17:19

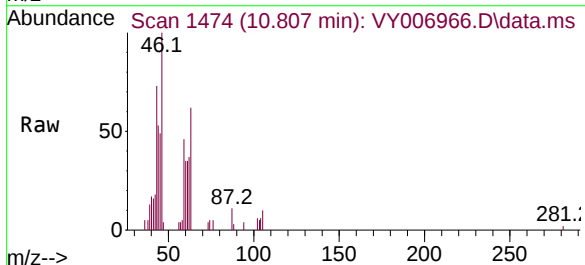
Instrument :
MSVOA_Y
ClientSampleId :



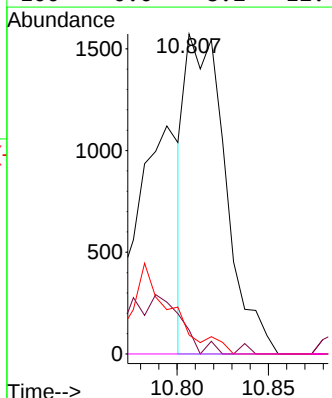
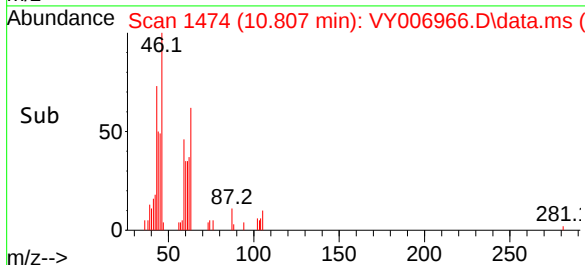
Tgt Ion:164 Resp: 164232
Ion Ratio Lower Upper
164 100
129 94.4 62.1 115.3
131 92.5 61.0 113.2
166 130.4 90.4 168.0

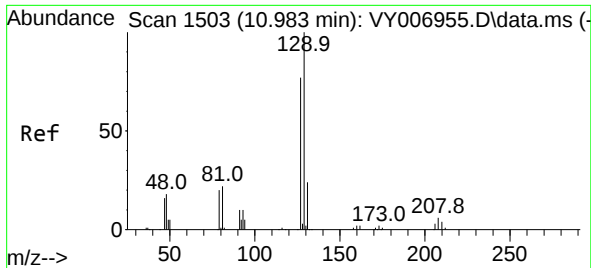


#48
2-Hexanone
Concen: 3.416 ug/L
RT: 10.807 min Scan# 1474
Delta R.T. -0.024 min
Lab File: VY006966.D
Acq: 06 Dec 2021 17:19



Tgt Ion: 43 Resp: 2395
Ion Ratio Lower Upper
43 100
58 1.0 39.9 59.9#
57 2.2 14.2 21.4#
100 0.0 8.2 12.4#





#49

Dibromochloromethane

Concen: 132.107 ug/L

RT: 10.715 min Scan# 14

Delta R.T. -0.268 min

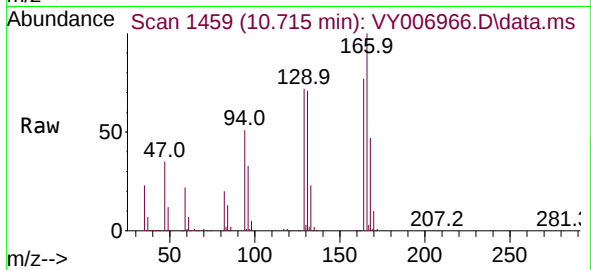
Lab File: VY006966.D

Acq: 06 Dec 2021 17:19

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:129 Resp: 144271

Ion Ratio Lower Upper

129 100

127 0.0 52.1 96.9#

