

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
 Data File : VY006946.D
 Acq On : 04 Dec 2021 16:53
 Operator : SY/MD
 Sample : M4884-16
 Misc : 3.31g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9K2

Quant Time: Dec 05 06:08:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 04 02:26:29 2021
 Response via : Initial Calibration

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

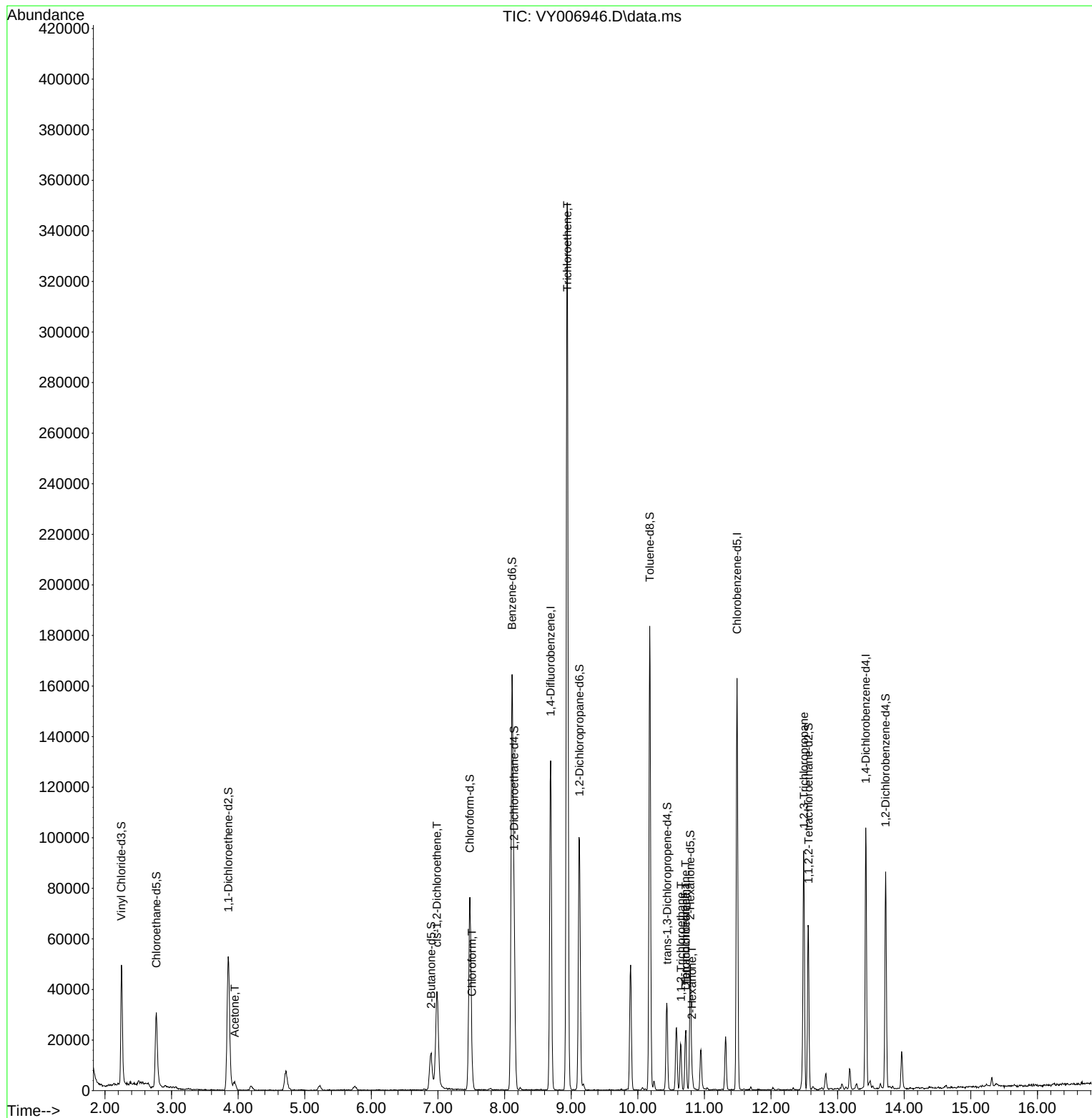
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	102675	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	82327	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	24149	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	48479	36.661	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 146.640%	
7) Chloroethane-d5	2.772	69	36288	34.982	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 139.920%	
11) 1,1-Dichloroethene-d2	3.851	63	52952	19.261	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 77.040%	
21) 2-Butanone-d5	6.899	46	25641	50.203	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 100.400%	
24) Chloroform-d	7.478	84	72351	28.275	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 113.120%	
26) 1,2-Dichloroethane-d4	8.143	65	42673	27.784	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 111.120%	
32) Benzene-d6	8.112	84	145372	33.242	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 132.960%	
36) 1,2-Dichloropropane-d6	9.124	67	47558	34.612	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 138.440%#	
41) Toluene-d8	10.179	98	114175	27.875	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 111.520%	
43) trans-1,3-Dichloroprop...	10.441	79	15544	23.388	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 93.560%	
47) 2-Hexanone-d5	10.788	63	15633	49.159	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 98.320%	
56) 1,1,2,2-Tetrachloroeth...	12.563	84	30274	26.446	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 105.800%	
66) 1,2-Dichlorobenzene-d4	13.721	152	19918	25.292	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 101.160%	
Target Compounds						Qvalue
13) Acetone	3.948	43	5803	12.397	ug/L	74
20) cis-1,2-Dichloroethene	6.984	96	17688	11.134	ug/L	89
25) Chloroform	7.509	83	3338	1.189	ug/L	92
34) Trichloroethene	8.941	95	112676	82.649	ug/L	92
45) 1,1,2-Trichloroethane	10.648	97	4788	4.580	ug/L	97
46) Tetrachloroethene	10.721	164	5039	4.412	ug/L	92
48) 2-Hexanone	10.813	43	3267	4.000	ug/L #	44
49) Dibromochloromethane	10.715	129	4294	3.375	ug/L #	12
61) 1,2,3-Trichloropropane	12.495	75	754	1.285	ug/L #	68

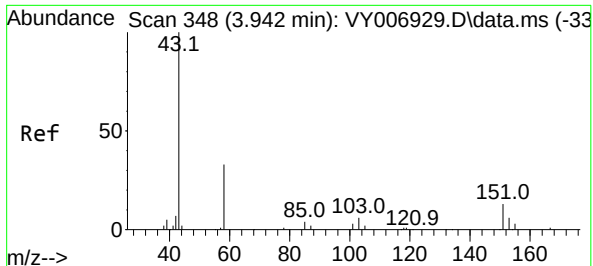
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.397 ug/L

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY006946.D

Acq: 04 Dec 2021 16:53

Instrument :

MSVOA_Y

ClientSampleId :

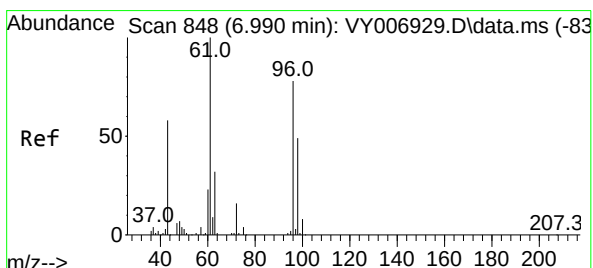
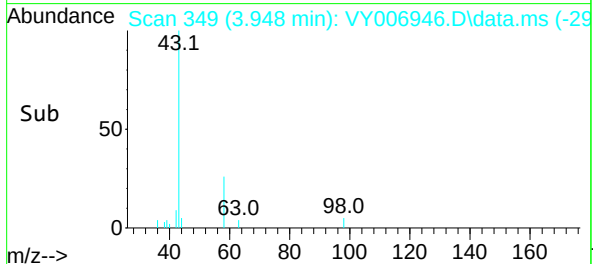
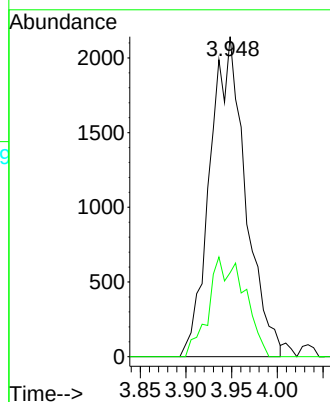
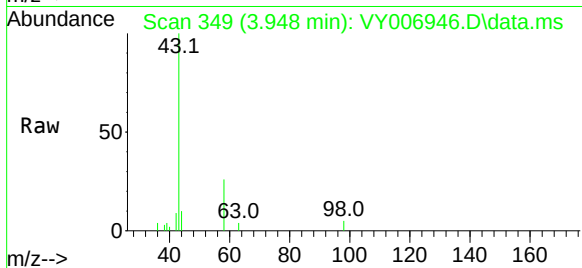
EW9K2

Tgt Ion: 43 Resp: 5803

Ion Ratio Lower Upper

43 100

58 16.3 0.0 60.8



#20

cis-1,2-Dichloroethene

Concen: 11.134 ug/L

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY006946.D

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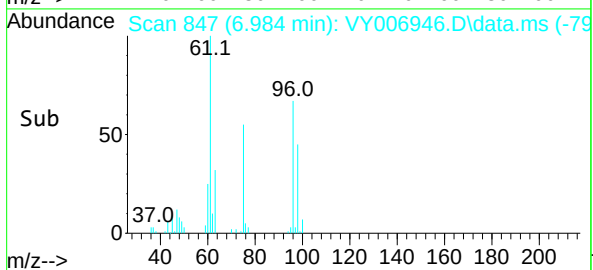
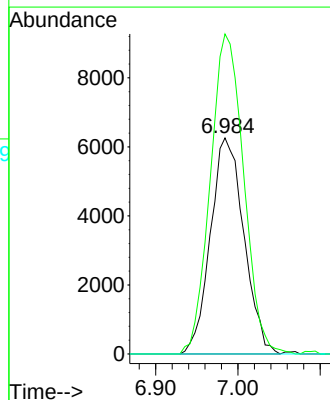
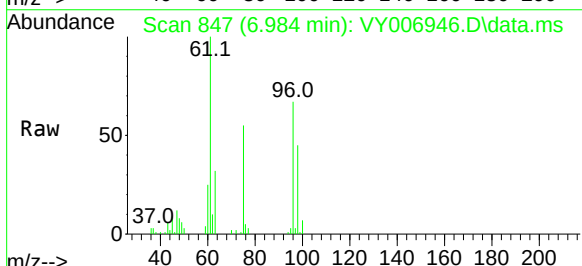
Tgt Ion: 96 Resp: 17688

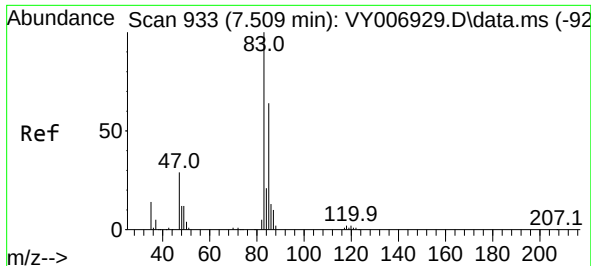
Ion Ratio Lower Upper

96 100

61 148.2 94.2 175.0

68 0.0 0.0 0.0

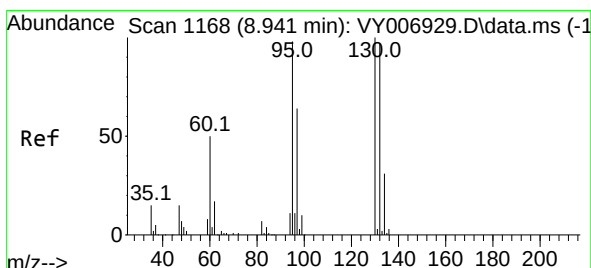
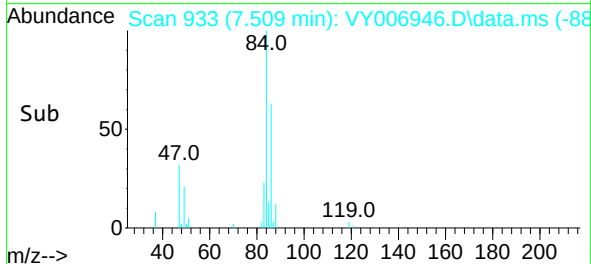
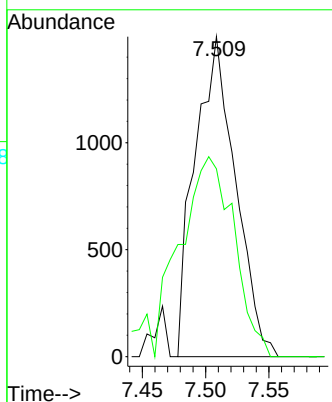
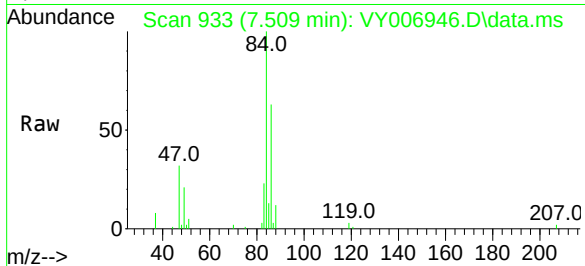




#25
Chloroform
Concen: 1.189 ug/L
RT: 7.509 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006946.D
Acq: 04 Dec 2021 16:53

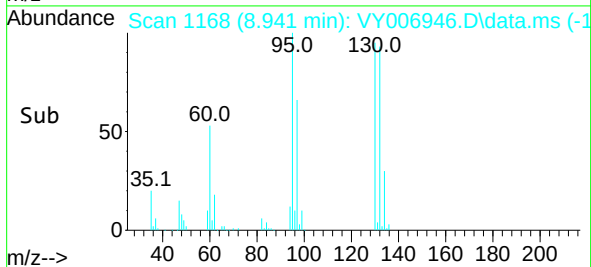
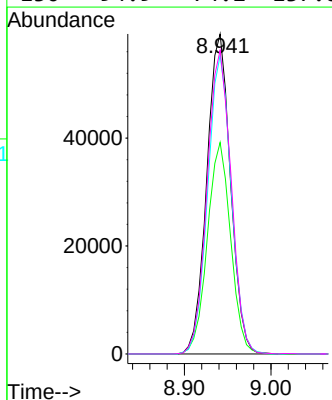
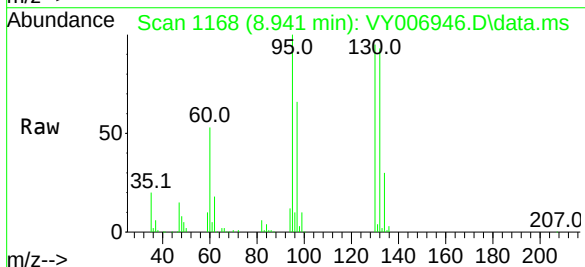
Instrument :
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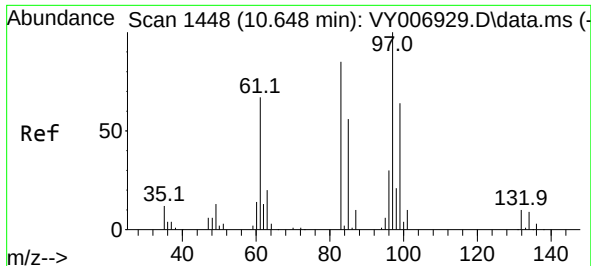
Tgt Ion: 83 Resp: 3338
Ion Ratio Lower Upper
83 100
85 58.7 45.4 84.2



#34
Trichloroethene
Concen: 82.649 ug/L
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY006946.D
Acq: 04 Dec 2021 16:53

Tgt Ion: 95 Resp: 112676
Ion Ratio Lower Upper
95 100
97 66.1 47.3 87.8
132 93.3 71.3 132.5
130 94.9 74.2 137.8

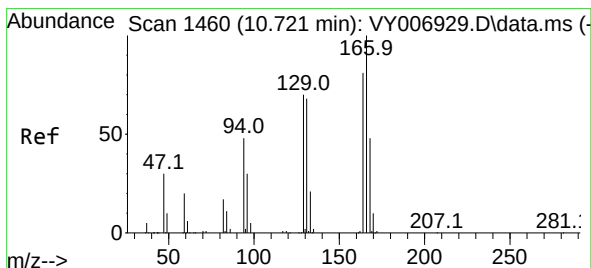
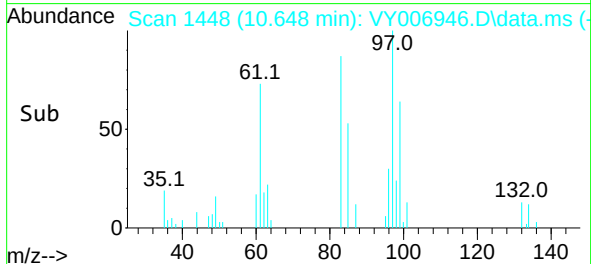
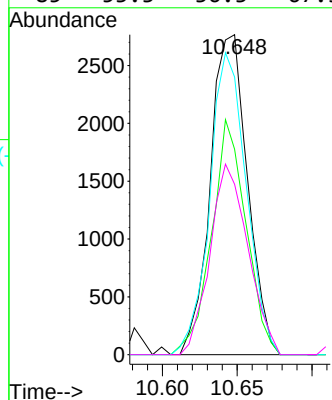
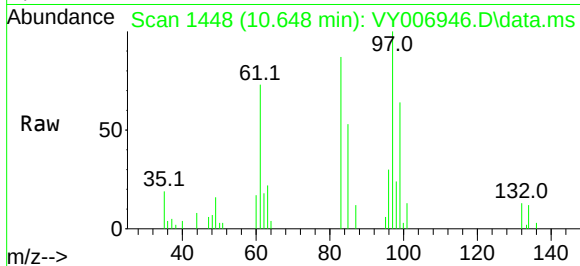




#45
1,1,2-Trichloroethane
Concen: 4.580 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VY006946.D
Acq: 04 Dec 2021 16:53

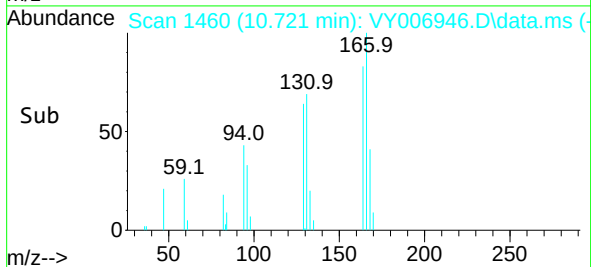
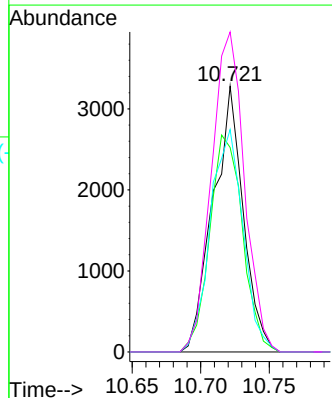
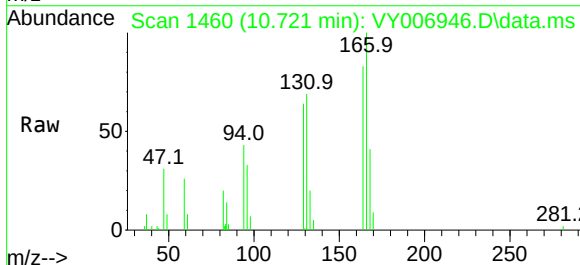
Instrument :
MSVOA_Y
ClientSampleId :
EW9K2

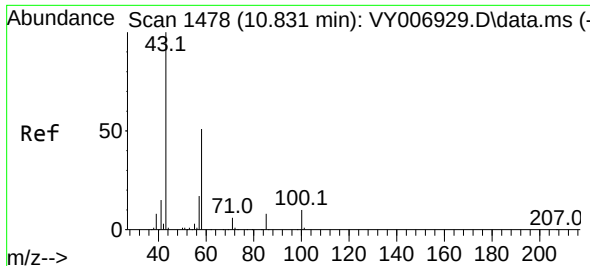
Tgt Ion: 97	Resp: 4788
Ion Ratio	Lower Upper
97 100	
99 64.2	43.0 79.8
83 86.7	58.9 109.3
85 53.3	36.3 67.3



#46
Tetrachloroethene
Concen: 4.412 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006946.D
Acq: 04 Dec 2021 16:53

Tgt	Ion:164	Resp:	5039
Ion	Ratio	Lower	Upper
164	100		
129	76.9	62.1	115.3
131	83.7	61.0	113.2
166	120.4	90.4	168.0

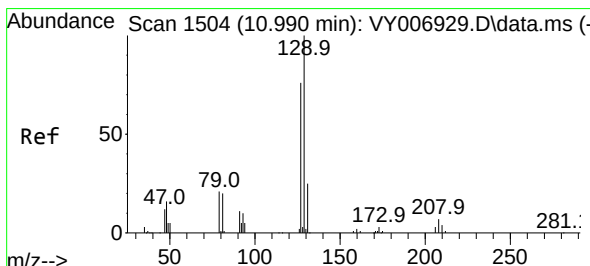
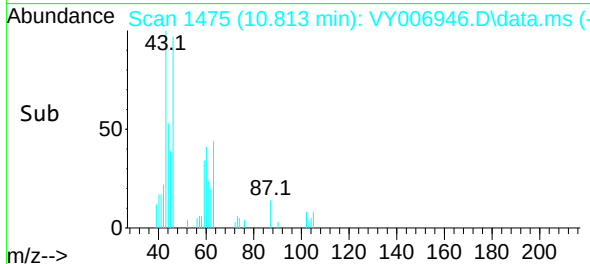
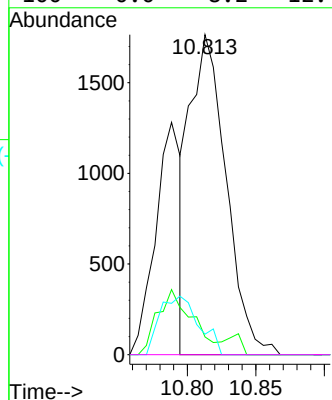
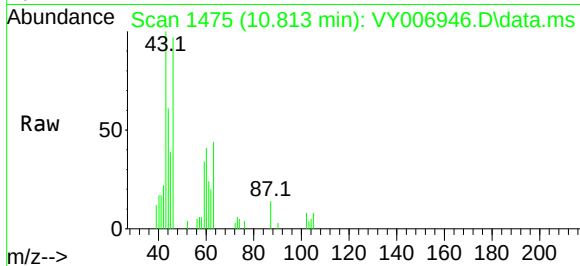




#48
2-Hexanone
Concen: 4.000 ug/L
RT: 10.813 min Scan# 1478
Delta R.T. -0.018 min
Lab File: VY006946.D
Acq: 04 Dec 2021 16:53

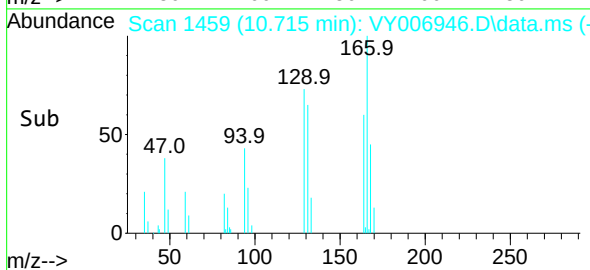
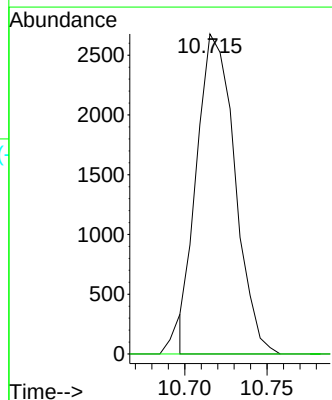
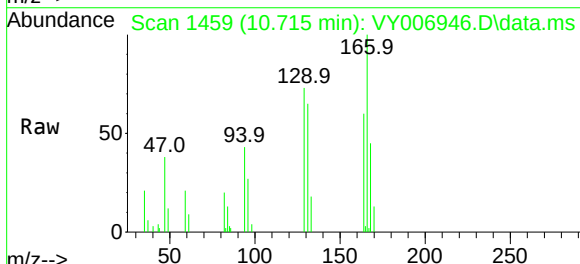
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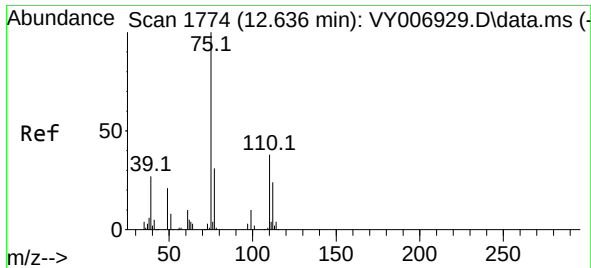
Tgt Ion: 43	Resp: 3267
Ion Ratio	Lower Upper
43 100	
58 3.1	39.9 59.9#
57 0.0	14.2 21.4#
100 0.0	8.2 12.4#



#49
Dibromochloromethane
Concen: 3.375 ug/L
RT: 10.715 min Scan# 1459
Delta R.T. -0.268 min
Lab File: VY006946.D
Acq: 04 Dec 2021 16:53

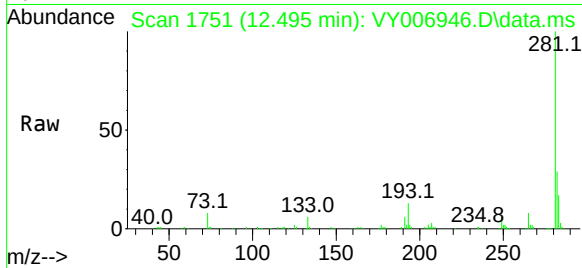
Tgt Ion:129	Resp:	4294	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.1	96.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.285 ug/L
 RT: 12.495 min Scan# 11
 Delta R.T. -0.134 min
 Lab File: VY006946.D
 Acq: 04 Dec 2021 16:53

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 ClientSampleId :
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Tgt Ion: 75	Resp:	754
Ion	Ratio	Lower Upper
75	100	
77	5.0	25.4 38.0#
110	27.3	31.7 47.5#

