

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
 Data File : VY006950.D
 Acq On : 04 Dec 2021 18:21
 Operator : SY/MD
 Sample : M4884-20
 Misc : 3.81g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9K4

Quant Time: Dec 05 06:09:30 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)

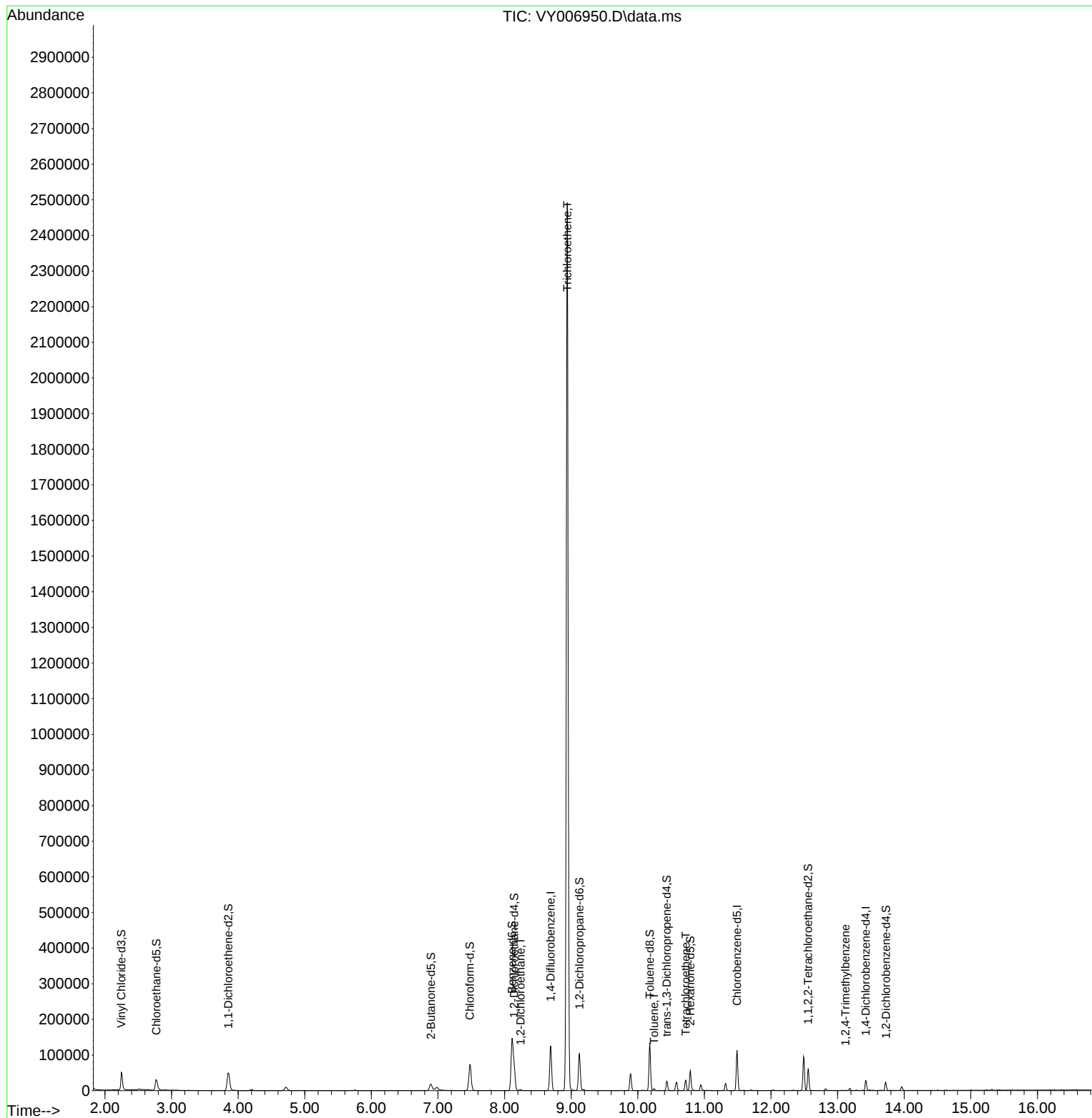
Internal Standards							
1) 1,4-Difluorobenzene		8.691	114	100556	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.489	117	56346	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.422	152	7069	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.247	65	50621	39.087	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 156.360%#		
7) Chloroethane-d5		2.771	69	37863	37.269	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 149.080%		
11) 1,1-Dichloroethene-d2		3.851	63	50426	18.729	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 74.920%		
21) 2-Butanone-d5		6.893	46	33818	67.608	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 135.220%#		
24) Chloroform-d		7.478	84	69501	27.734	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 110.920%		
26) 1,2-Dichloroethane-d4		8.142	65	46166	30.691	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 122.760%		
32) Benzene-d6		8.112	84	130062	43.454	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 173.800%#		
36) 1,2-Dichloropropane-d6		9.124	67	47000	49.978	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 199.920%#		
41) Toluene-d8		10.179	98	81621	29.116	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 116.480%		
43) trans-1,3-Dichloroprop...		10.435	79	13773	30.279	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 121.120%		
47) 2-Hexanone-d5		10.788	63	18023	82.806	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 165.620%#		
56) 1,1,2,2-Tetrachloroeth...		12.556	84	29540	37.704	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 150.800%#		
66) 1,2-Dichlorobenzene-d4		13.727	152	5138	22.288	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 89.160%		
Target Compounds							
						Qvalue	
27) 1,2-Dichloroethane		8.240	62	2255	1.132	ug/L #	90
34) Trichloroethene		8.941	95	805947	863.757	ug/L	92
42) Toluene		10.246	91	3733	0.924	ug/L	98
46) Tetrachloroethene		10.721	164	6336	8.105	ug/L	91
63) 1,2,4-Trimethylbenzene		13.117	105	611	0.734	ug/L #	84

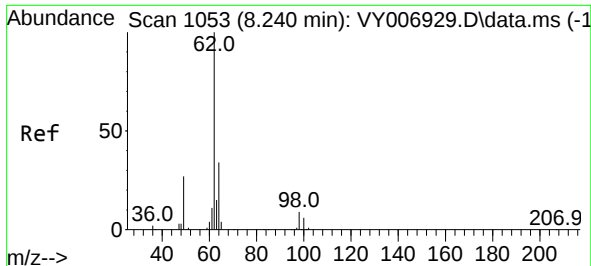
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#27

1,2-Dichloroethane

Concen: 1.132 ug/L

RT: 8.240 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VY006950.D

Acq: 04 Dec 2021 18:21

Instrument :

MSVOA_Y

ClientSampleId :

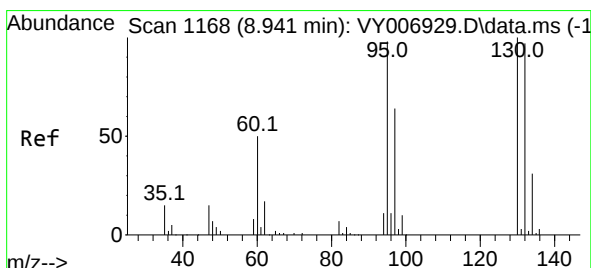
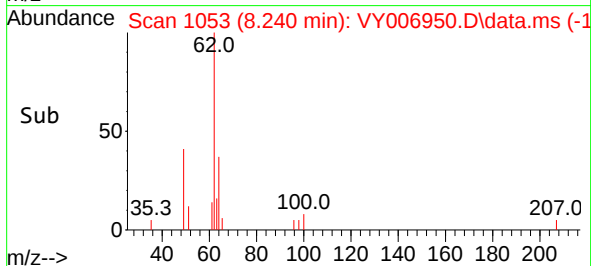
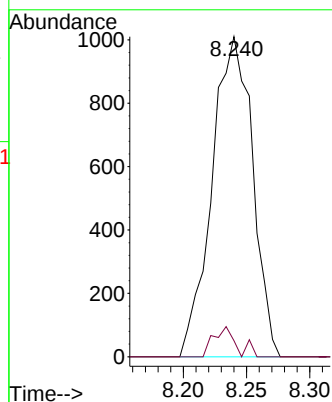
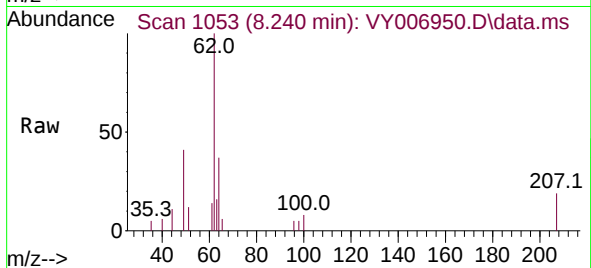
EW9K4

Tgt Ion: 62 Resp: 2255

Ion Ratio Lower Upper

62 100

98 5.0 6.9 10.3#



#34

Trichloroethene

Concen: 863.757 ug/L

RT: 8.941 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VY006950.D

Acq: 04 Dec 2021 18:21

Tgt Ion: 95 Resp: 805947

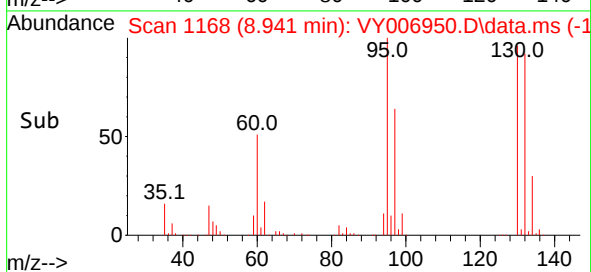
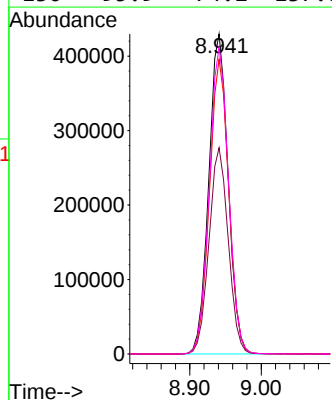
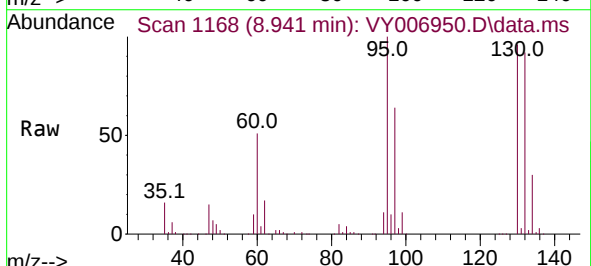
Ion Ratio Lower Upper

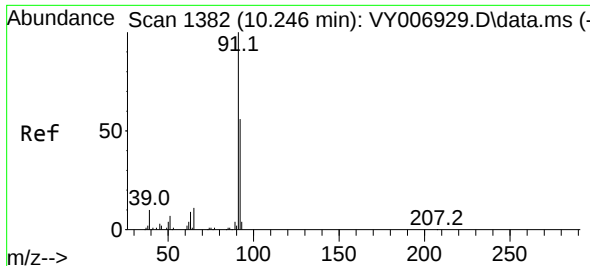
95 100

97 64.4 47.3 87.8

132 92.1 71.3 132.5

130 95.9 74.2 137.8

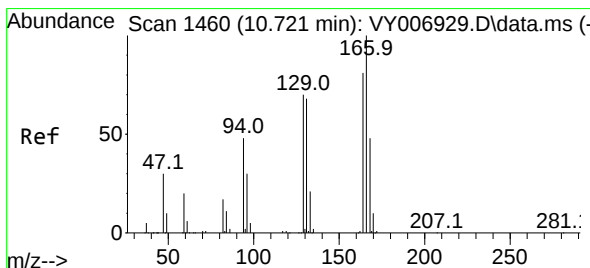
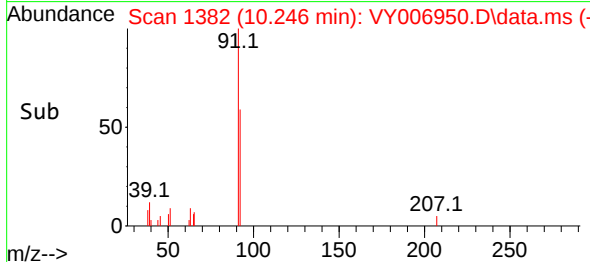
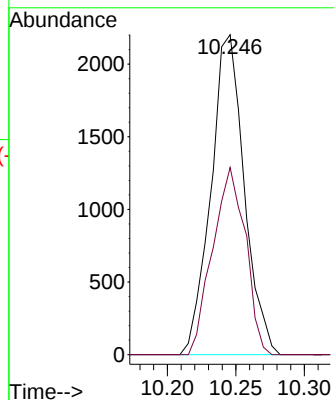
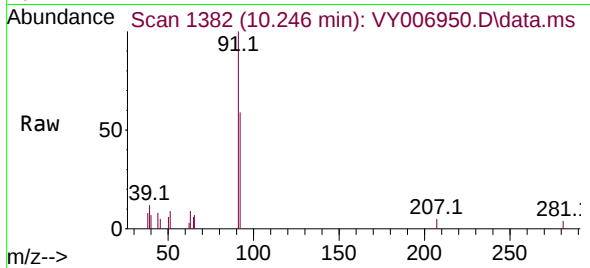




#42
Toluene
Concen: 0.924 ug/L
RT: 10.246 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006950.D
Acq: 04 Dec 2021 18:21

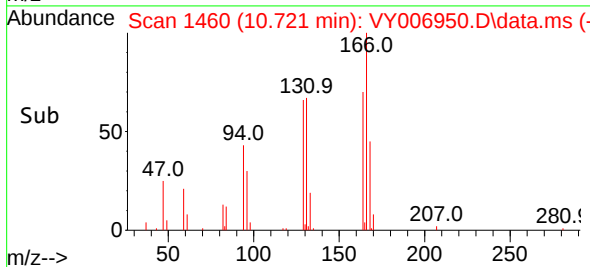
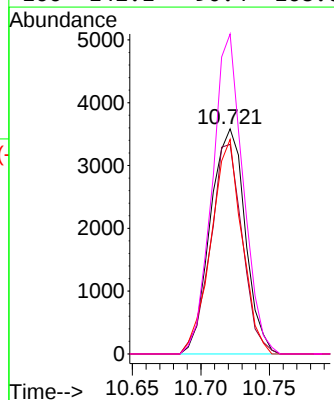
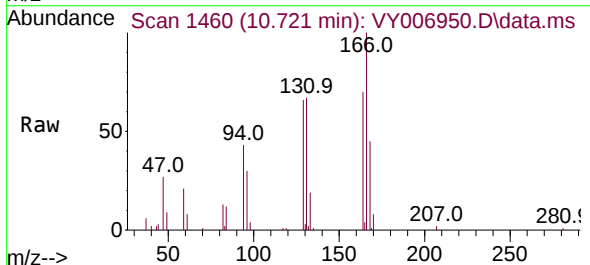
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MSVOA_Y
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EW9K4

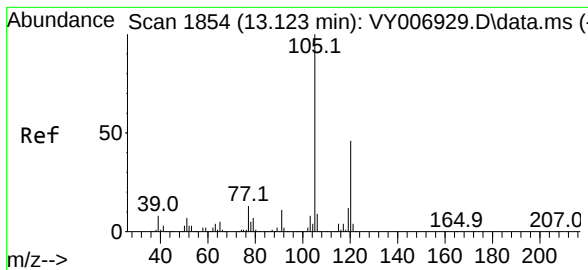
Tgt Ion: 91 Resp: 3733
Ion Ratio Lower Upper
91 100
92 58.5 39.8 74.0



#46
Tetrachloroethene
Concen: 8.105 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006950.D
Acq: 04 Dec 2021 18:21

Tgt Ion: 164 Resp: 6336
Ion Ratio Lower Upper
164 100
129 93.1 62.1 115.3
131 95.3 61.0 113.2
166 142.1 90.4 168.0





#63
 1,2,4-Trimethylbenzene
 Concen: 0.734 ug/L
 RT: 13.117 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY006950.D
 Acq: 04 Dec 2021 18:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9K4

Tgt Ion:105 Resp: 611
 Ion Ratio Lower Upper
 105 100
 120 34.5 36.0 54.0#

