

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
 Data File : VY006941.D
 Acq On : 04 Dec 2021 15:04
 Operator : SY/MD
 Sample : M4884-11
 Misc : 4.91g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9J7

Quant Time: Dec 05 06:07:54 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)

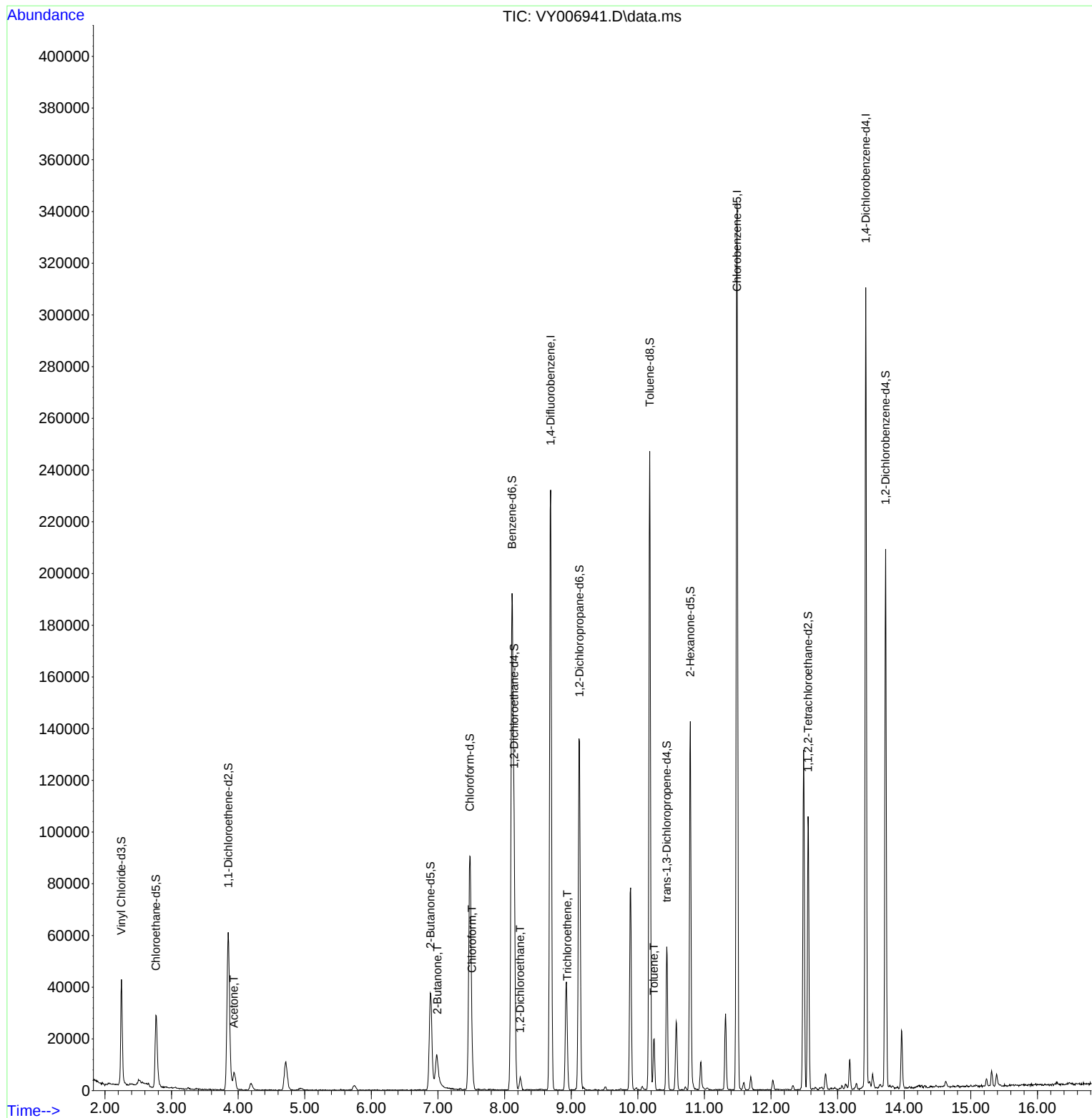
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	188618	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	171237	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	71341	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	40336	16.604	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.400%
7) Chloroethane-d5	2.765	69	33887	17.783	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.120%
11) 1,1-Dichloroethene-d2	3.851	63	60221	11.924	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.680%
21) 2-Butanone-d5	6.887	46	68996	73.536	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	147.080%#
24) Chloroform-d	7.478	84	88277	18.780	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.120%
26) 1,2-Dichloroethane-d4	8.143	65	64878	22.994	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.960%
32) Benzene-d6	8.112	84	171625	18.868	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.480%
36) 1,2-Dichloropropane-d6	9.124	67	64230	22.474	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.880%
41) Toluene-d8	10.179	98	150827	17.704	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.800%
43) trans-1,3-Dichloroprop...	10.435	79	28486	20.607	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.440%
47) 2-Hexanone-d5	10.788	63	44728	67.621	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.240%#
56) 1,1,2,2-Tetrachloroeth...	12.556	84	49679	20.865	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.440%
66) 1,2-Dichlorobenzene-d4	13.721	152	48032	20.646	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.600%
Target Compounds						Qvalue
13) Acetone	3.936	43	11511	13.387	ug/L	98
22) 2-Butanone	6.990	43	5146	4.278	ug/L #	67
25) Chloroform	7.508	83	10274	1.992	ug/L	98
27) 1,2-Dichloroethane	8.234	62	3998	1.070	ug/L #	94
34) Trichloroethene	8.941	95	2864	1.010	ug/L	93
42) Toluene	10.240	91	13456	1.096	ug/L	96

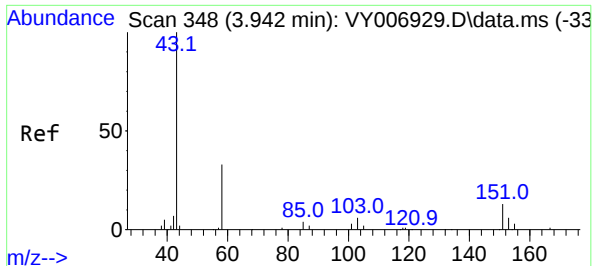
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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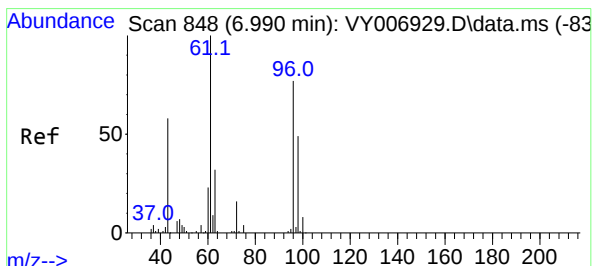
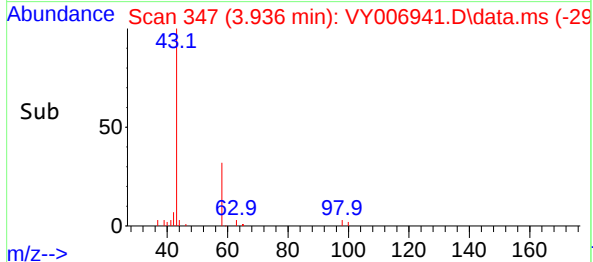
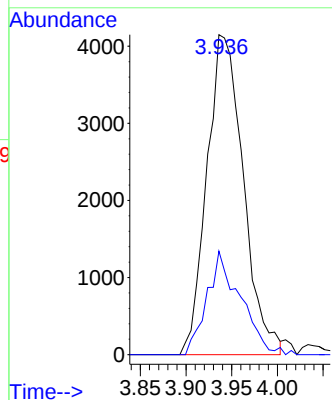
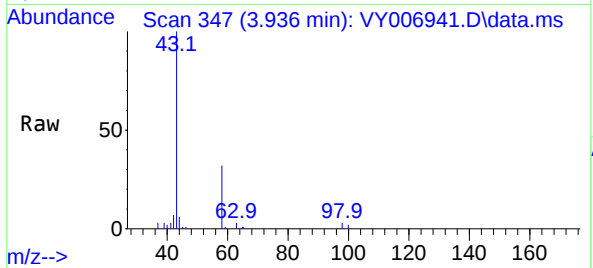




#13
Acetone
Concen: 13.387 ug/L
RT: 3.936 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY006941.D
Acq: 04 Dec 2021 15:04

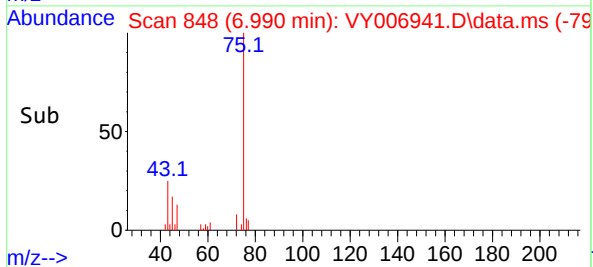
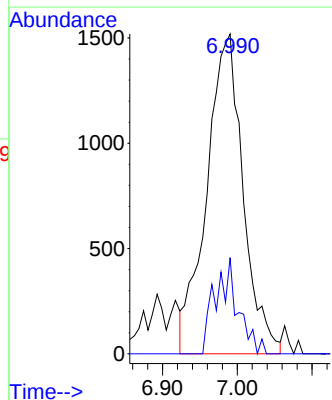
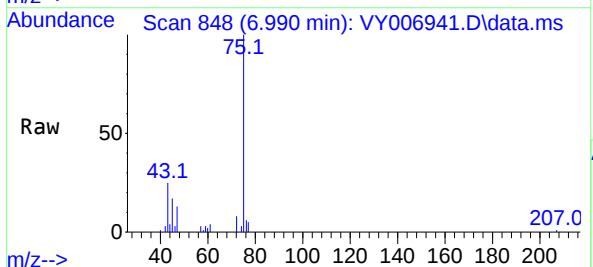
Instrument :
MSVOA_Y
ClientSampleId :
EW9J7

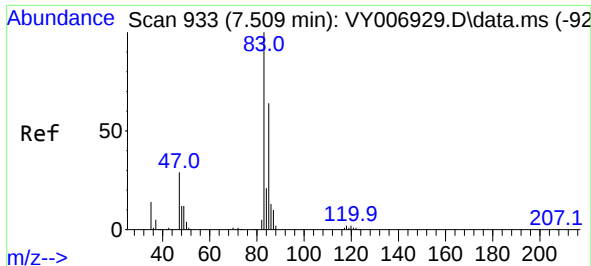
Tgt Ion: 43 Resp: 11511
Ion Ratio Lower Upper
43 100
58 29.4 0.0 60.8



#22
2-Butanone
Concen: 4.278 ug/L
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY006941.D
Acq: 04 Dec 2021 15:04

Tgt Ion: 43 Resp: 5146
Ion Ratio Lower Upper
43 100
72 9.1 12.9 38.6#

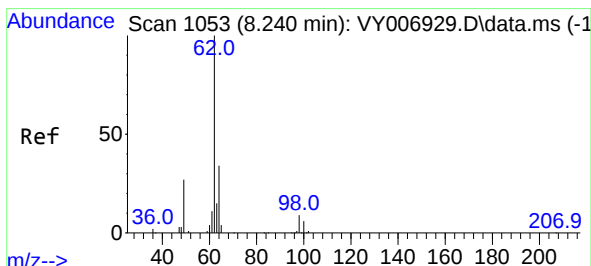
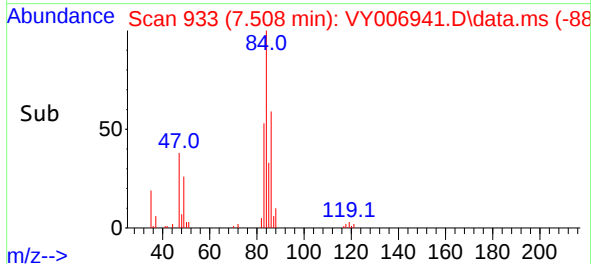
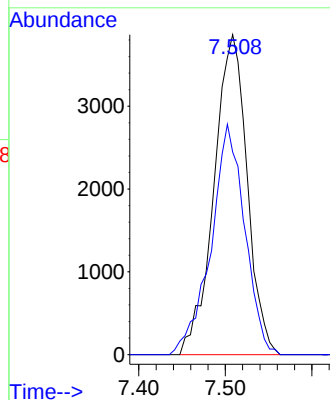
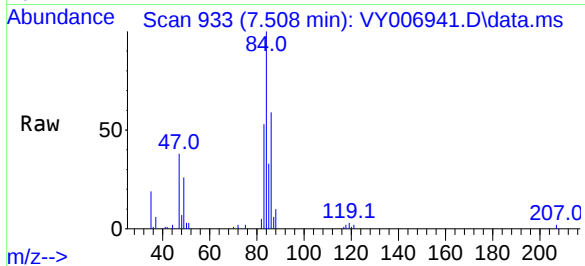




#25
Chloroform
Concen: 1.992 ug/L
RT: 7.508 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006941.D
Acq: 04 Dec 2021 15:04

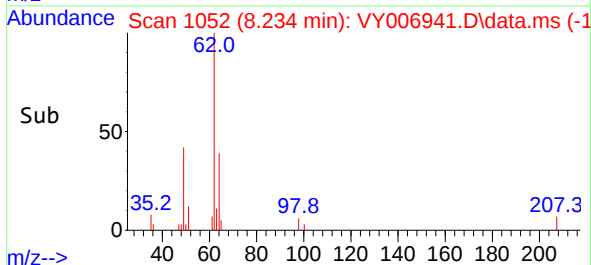
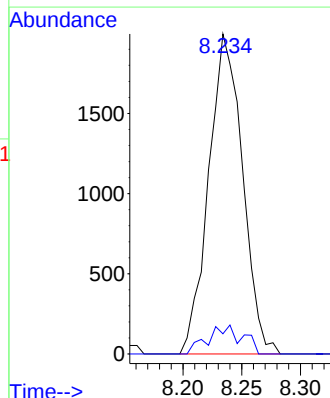
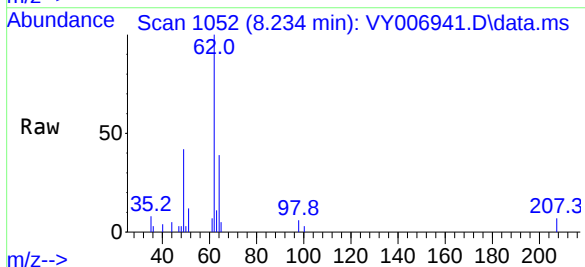
Instrument :
MSVOA_Y
ClientSampleId :
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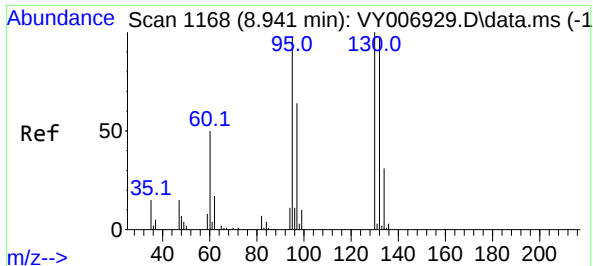
Tgt Ion: 83 Resp: 10274
Ion Ratio Lower Upper
83 100
85 63.3 45.4 84.2



#27
1,2-Dichloroethane
Concen: 1.070 ug/L
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY006941.D
Acq: 04 Dec 2021 15:04

Tgt Ion: 62 Resp: 3998
Ion Ratio Lower Upper
62 100
98 6.3 6.9 10.3#



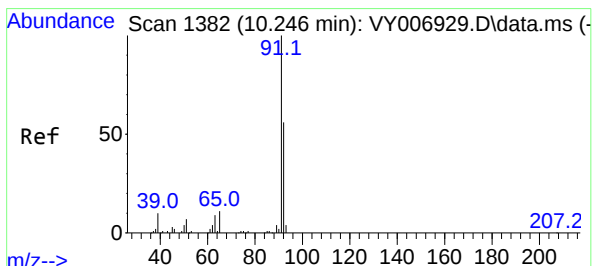
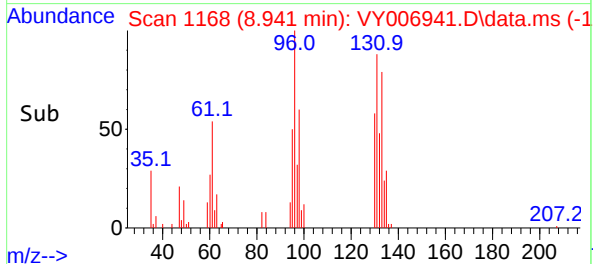
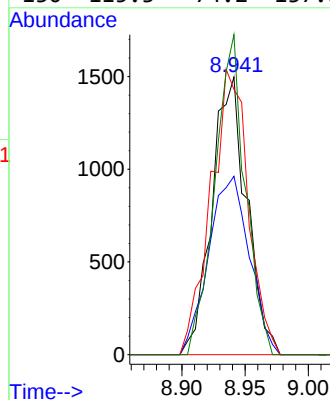
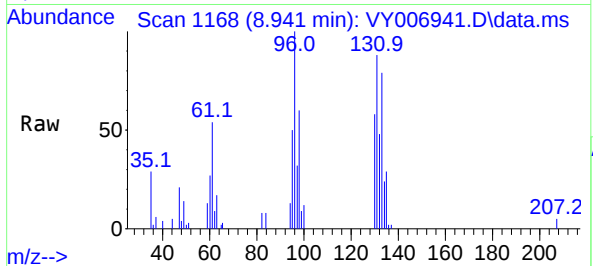


#34
Trichloroethene
Concen: 1.010 ug/L
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY006941.D
Acq: 04 Dec 2021 15:04

Instrument :
MSVOA_Y
ClientSampleId :
EW9J7

Tgt Ion: 95 Resp: 2864

Ion	Ratio	Lower	Upper
95	100		
97	64.3	47.3	87.8
132	95.6	71.3	132.5
130	115.3	74.2	137.8



#42
Toluene
Concen: 1.096 ug/L
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY006941.D
Acq: 04 Dec 2021 15:04

Tgt Ion: 91 Resp: 13456

Ion	Ratio	Lower	Upper
91	100		
92	53.9	39.8	74.0

