

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006984.D
 Acq On : 07 Dec 2021 01:44
 Operator : SY/MD
 Sample : M4884-09
 Misc : 2.78g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 04:15:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 07 04:00:28 2021
 Response via : Initial Calibration

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

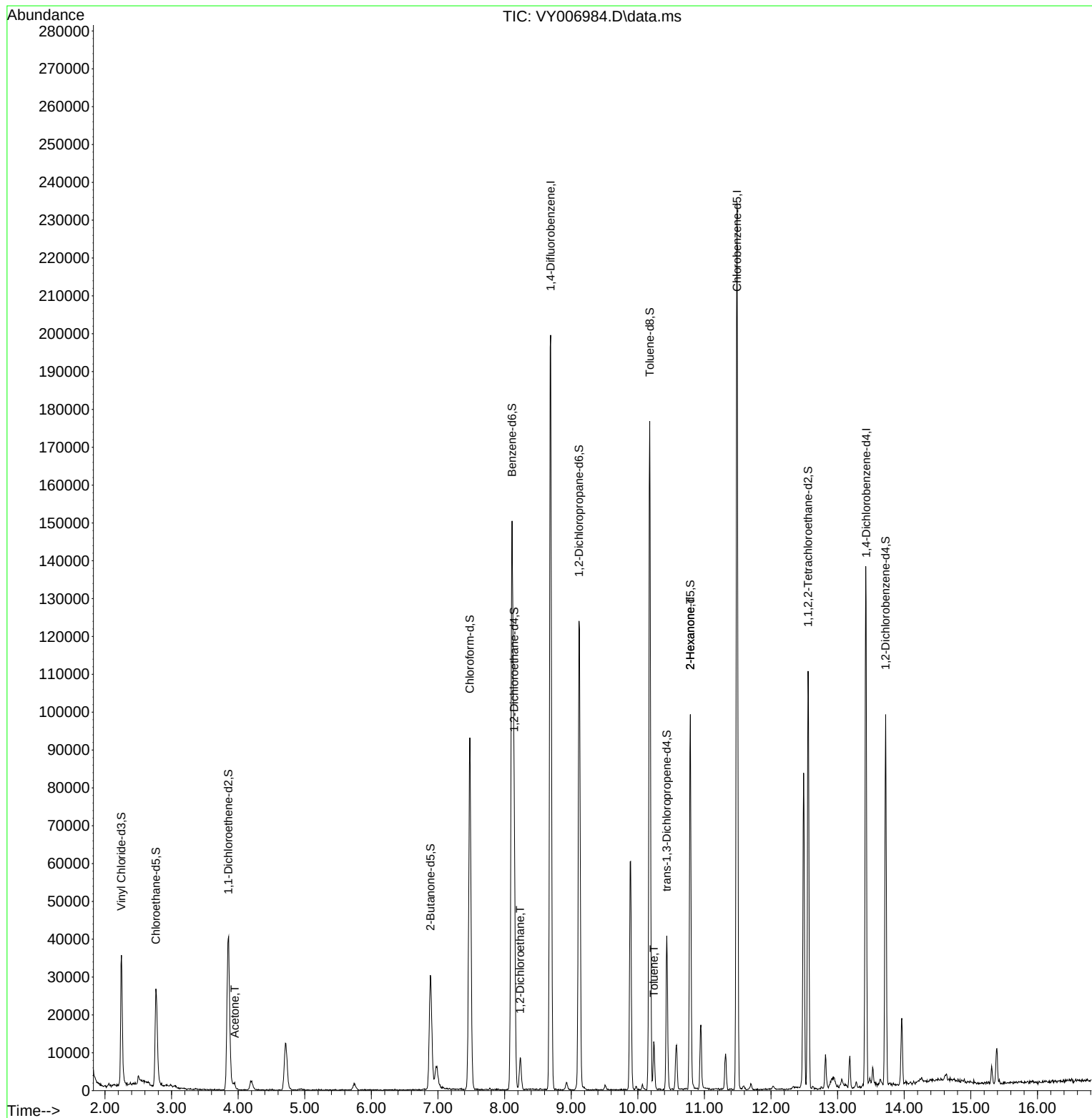
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	163516	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	116156	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	32661	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	36497	17.330	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.320%
7) Chloroethane-d5	2.765	69	32893	19.911	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.640%
11) 1,1-Dichloroethene-d2	3.851	63	41715	9.528	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	38.120%#
21) 2-Butanone-d5	6.887	46	54159	66.584	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.160%
24) Chloroform-d	7.478	84	86650	21.264	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.040%
26) 1,2-Dichloroethane-d4	8.143	65	53666	21.940	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.760%
32) Benzene-d6	8.112	84	139441	22.599	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	9.118	67	57704	29.765	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.080%
41) Toluene-d8	10.179	98	110601	19.139	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.560%
43) trans-1,3-Dichloroprop...	10.435	79	20119	21.456	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.840%
47) 2-Hexanone-d5	10.788	63	31646	70.530	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	141.060%#
56) 1,1,2,2-Tetrachloroeth...	12.556	84	51962	32.172	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	128.680%#
66) 1,2-Dichlorobenzene-d4	13.721	152	21432	20.122	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.480%
Target Compounds						
					Qvalue	
13) Acetone	3.948	43	2570	3.448	ug/L	87
27) 1,2-Dichloroethane	8.234	62	7116	2.196	ug/L	99
42) Toluene	10.240	91	8487	1.019	ug/L	94
48) 2-Hexanone	10.788	43	4175	3.623	ug/L #	67

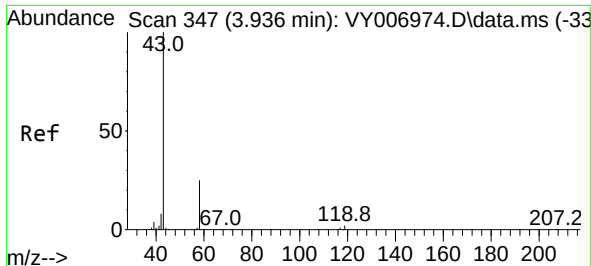
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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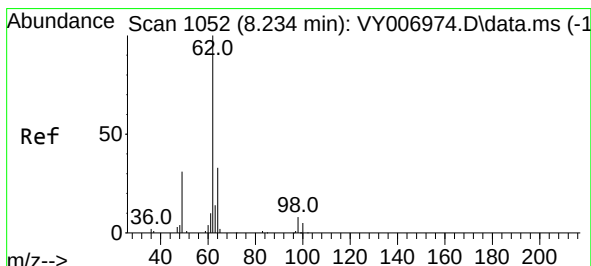
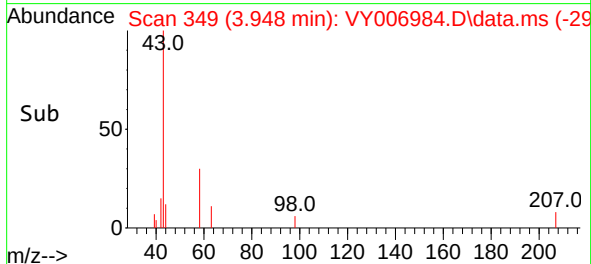
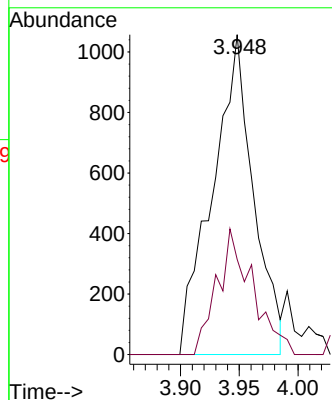
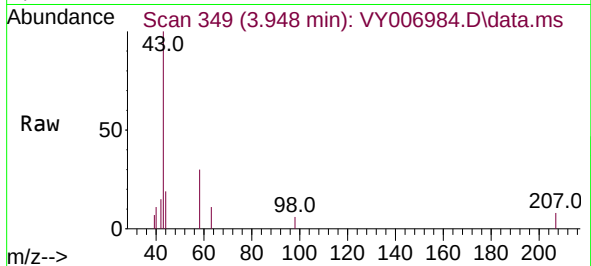




#13
Acetone
Concen: 3.448 ug/L
RT: 3.948 min Scan# 347
Delta R.T. 0.012 min
Lab File: VY006984.D
Acq: 07 Dec 2021 01:44

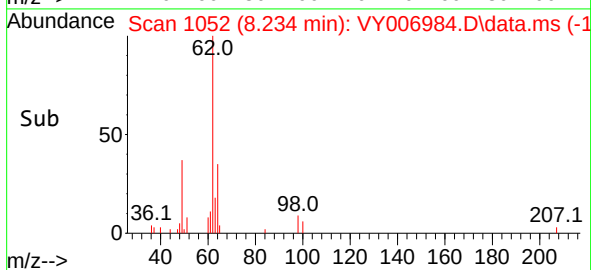
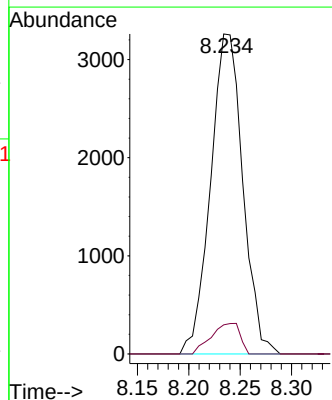
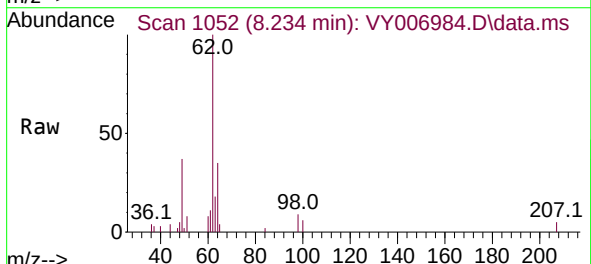
Instrument :
MSVOA_Y
ClientSampleId :

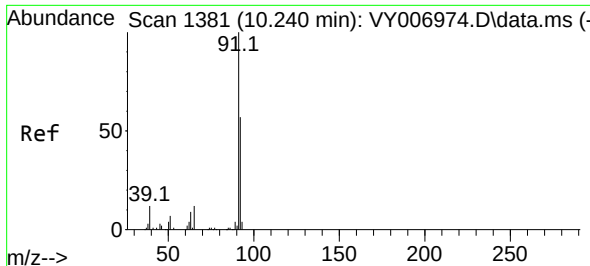
Tgt Ion: 43 Resp: 2570
Ion Ratio Lower Upper
43 100
58 23.5 0.0 60.8



#27
1,2-Dichloroethane
Concen: 2.196 ug/L
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY006984.D
Acq: 07 Dec 2021 01:44

Tgt Ion: 62 Resp: 7116
Ion Ratio Lower Upper
62 100
98 9.1 6.9 10.3

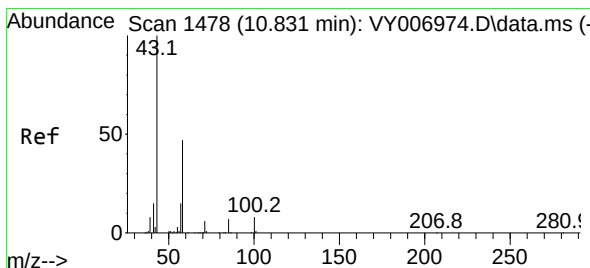
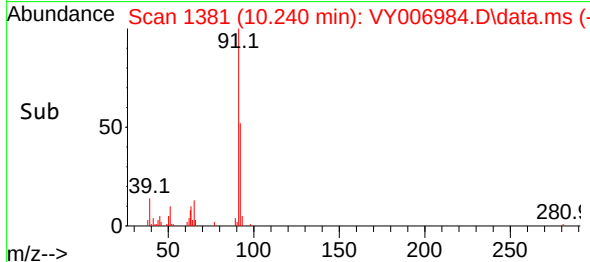
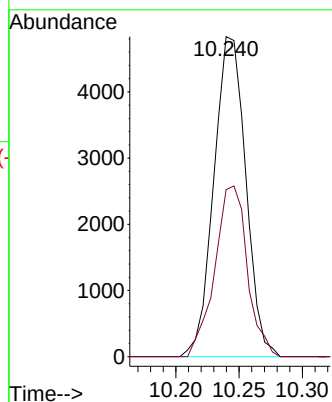
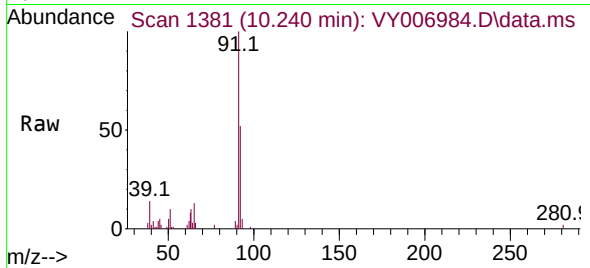




#42
Toluene
Concen: 1.019 ug/L
RT: 10.240 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006984.D
Acq: 07 Dec 2021 01:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 91 Resp: 8487
Ion Ratio Lower Upper
91 100
92 52.2 39.8 74.0



#48
2-Hexanone
Concen: 3.623 ug/L
RT: 10.788 min Scan# 1471
Delta R.T. -0.043 min
Lab File: VY006984.D
Acq: 07 Dec 2021 01:44

Tgt Ion: 43 Resp: 4175
Ion Ratio Lower Upper
43 100
58 23.7 39.9 59.9#
57 27.2 14.2 21.4#
100 0.0 8.2 12.4#

