

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
 Data File : VY006933.D
 Acq On : 04 Dec 2021 12:08
 Operator : SY/MD
 Sample : M4884-03
 Misc : 3.93g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9H9

Quant Time: Dec 05 06:07:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.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)

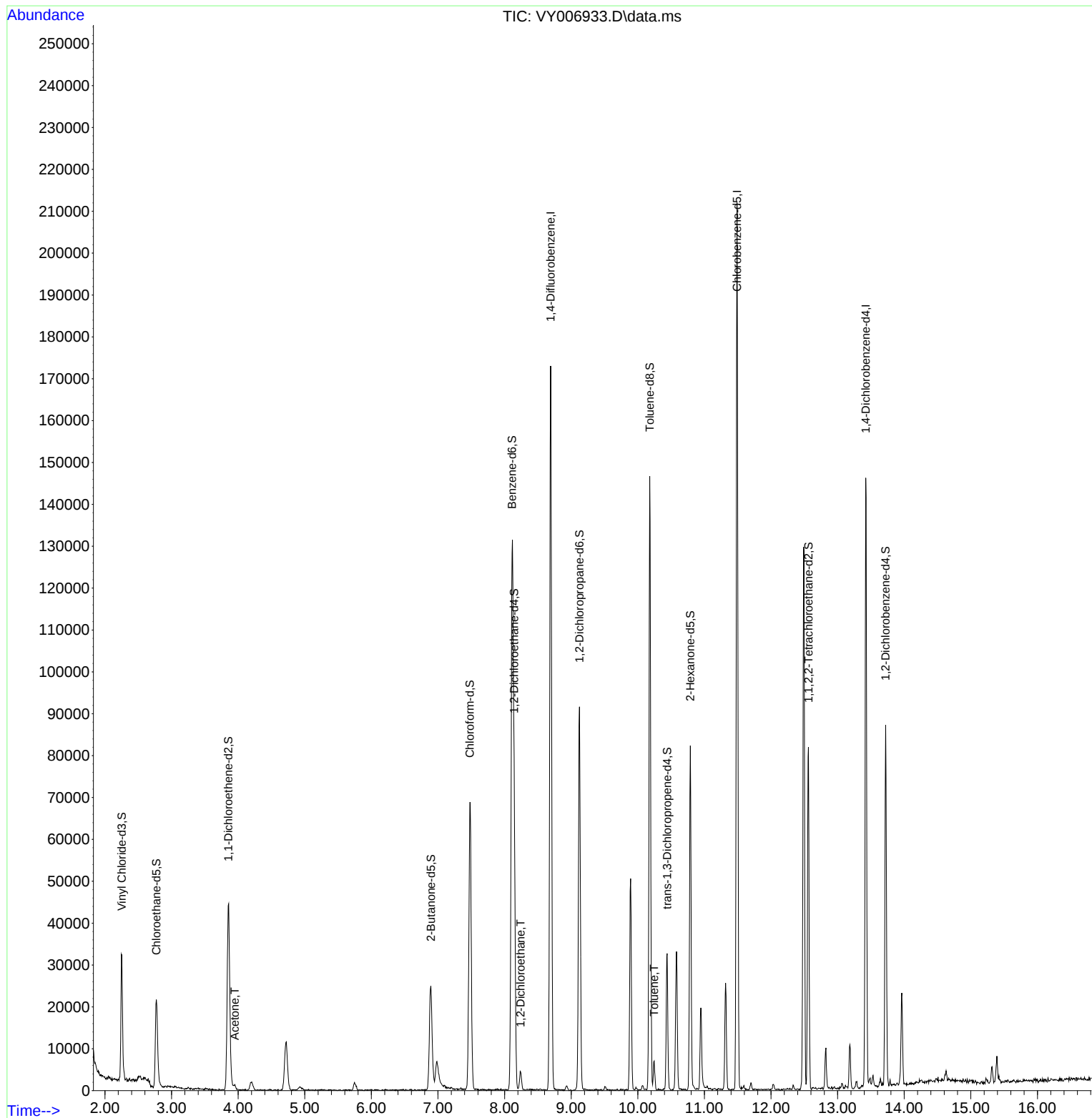
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	143521	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	112057	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	37035	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.253	65	30424	16.459	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.840%
7) Chloroethane-d5	2.771	69	27096	18.687	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.760%
11) 1,1-Dichloroethene-d2	3.850	63	42889	11.161	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.640%#
21) 2-Butanone-d5	6.893	46	45805	64.158	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.320%
24) Chloroform-d	7.478	84	67582	18.895	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.560%
26) 1,2-Dichloroethane-d4	8.142	65	47035	21.908	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.640%
32) Benzene-d6	8.112	84	120048	20.168	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.680%
36) 1,2-Dichloropropane-d6	9.124	67	40992	21.918	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.680%
41) Toluene-d8	10.179	98	91834	16.472	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.880%
43) trans-1,3-Dichloroprop...	10.441	79	17416	19.253	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.000%
47) 2-Hexanone-d5	10.788	63	27178	62.788	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.580%
56) 1,1,2,2-Tetrachloroeth...	12.562	84	37073	23.793	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.160%
66) 1,2-Dichlorobenzene-d4	13.721	152	21185	17.541	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.160%#
Target Compounds						
					Qvalue	
13) Acetone	3.948	43	1849	2.826	ug/L	89
27) 1,2-Dichloroethane	8.240	62	3950	1.389	ug/L #	90
42) Toluene	10.246	91	5261	0.655	ug/L	89

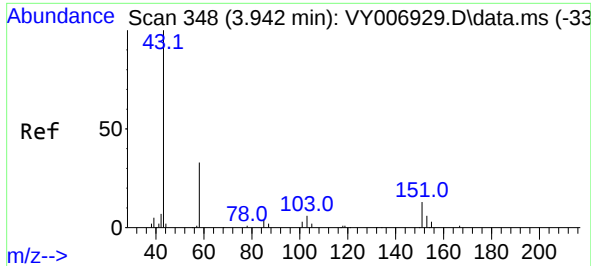
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.826 ug/L

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY006933.D

Acq: 04 Dec 2021 12:08

Instrument :

MSVOA_Y

ClientSampleId :

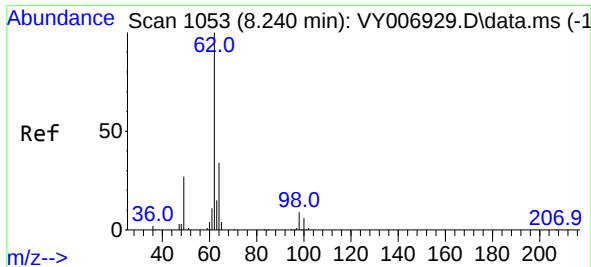
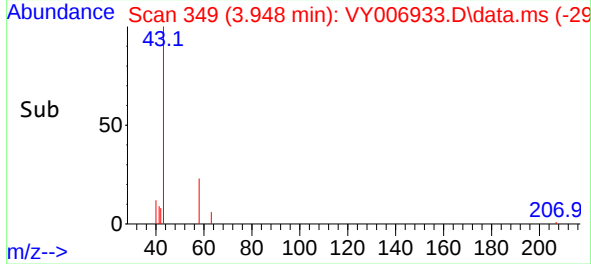
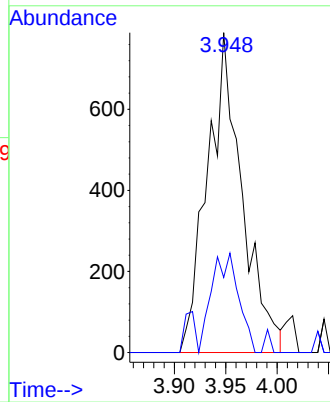
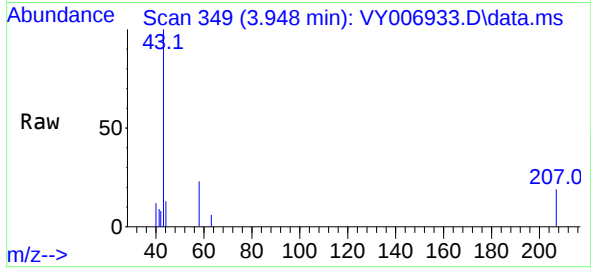
EW9H9

Tgt Ion: 43 Resp: 1849

Ion Ratio Lower Upper

43 100

58 24.2 0.0 60.8



#27

1,2-Dichloroethane

Concen: 1.389 ug/L

RT: 8.240 min Scan# 1053

Delta R.T. -0.000 min

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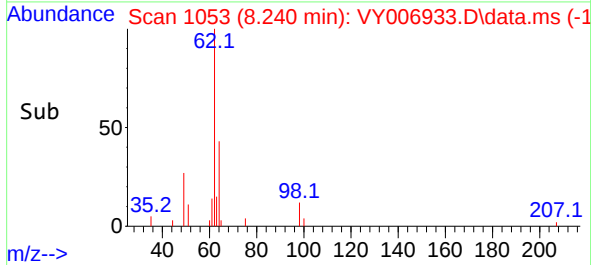
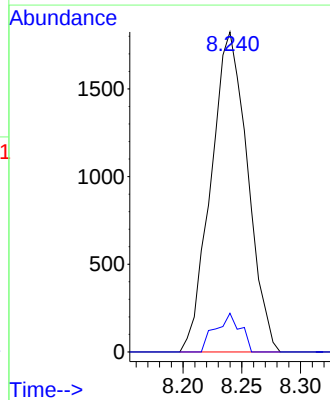
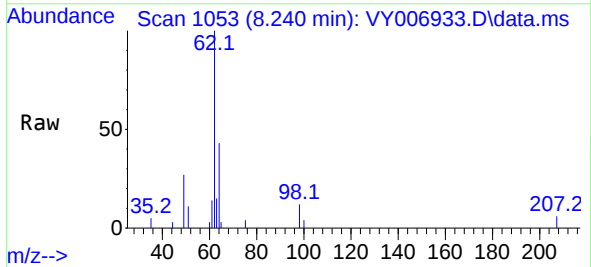
Acq: 04 Dec 2021 12:08

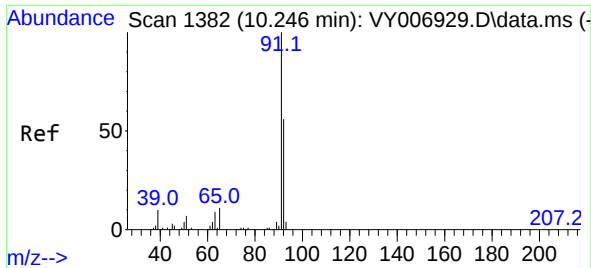
Tgt Ion: 62 Resp: 3950

Ion Ratio Lower Upper

62 100

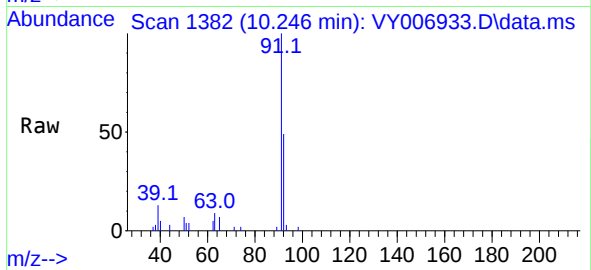
98 12.1 6.9 10.3#





#42
Toluene
Concen: 0.655 ug/L
RT: 10.246 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006933.D
Acq: 04 Dec 2021 12:08

Instrument :
MSVOA_Y
ClientSampleId :
EW9H9



Tgt Ion: 91 Resp: 5261
Ion Ratio Lower Upper
91 100
92 48.9 39.8 74.0

