

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006981.D
 Acq On : 07 Dec 2021 00:38
 Operator : SY/MD
 Sample : M4884-03
 Misc : 3.58g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 04:14:58 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)

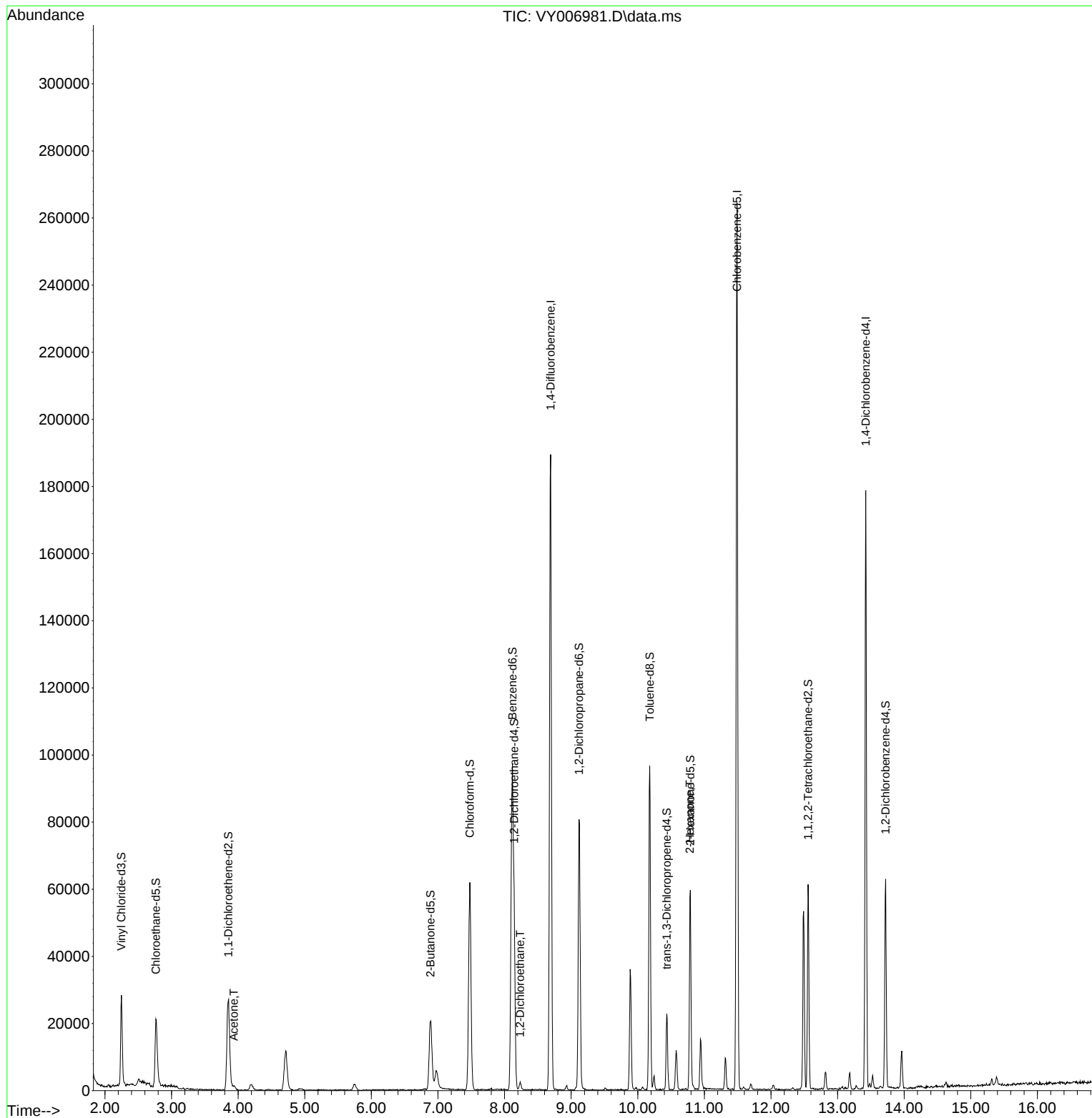
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	152645	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	130606	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	40204	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	27229	13.850	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.400%
7) Chloroethane-d5	2.766	69	24535	15.909	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.640%
11) 1,1-Dichloroethene-d2	3.851	63	28228	6.907	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	27.640%#
21) 2-Butanone-d5	6.887	46	39980	52.652	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.300%
24) Chloroform-d	7.478	84	58981	15.505	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	62.000%
26) 1,2-Dichloroethane-d4	8.143	65	38587	16.899	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	67.600%#
32) Benzene-d6	8.118	84	88054	12.692	ug/L	0.01
Spiked Amount	25.000	Range	20 - 135	Recovery	=	50.760%
36) 1,2-Dichloropropane-d6	9.118	67	38191	17.520	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	70.080%
41) Toluene-d8	10.179	98	61524	9.468	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	37.880%
43) trans-1,3-Dichloroprop...	10.435	79	11086	10.515	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	42.040%
47) 2-Hexanone-d5	10.788	63	18434	36.539	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.080%
56) 1,1,2,2-Tetrachloroeth...	12.556	84	28250	15.556	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	62.240%
66) 1,2-Dichlorobenzene-d4	13.721	152	13825	10.545	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	42.160%#
Target Compounds					Qvalue	
13) Acetone	3.936	43	2008	2.886	ug/L	94
27) 1,2-Dichloroethane	8.234	62	2004	0.663	ug/L	99
48) 2-Hexanone	10.782	43	3272	2.525	ug/L #	68

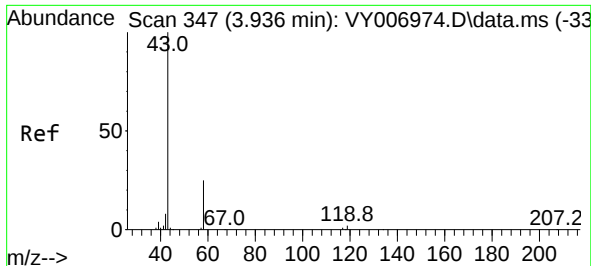
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.886 ug/L

RT: 3.936 min Scan# 347

Delta R.T. 0.000 min

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Instrument :

MSVOA_Y

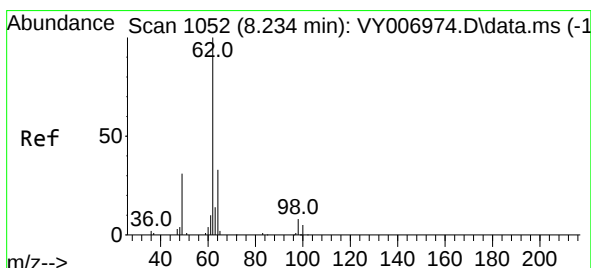
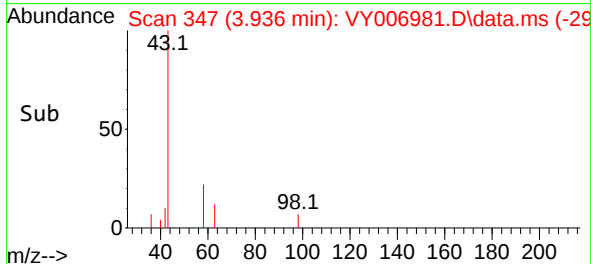
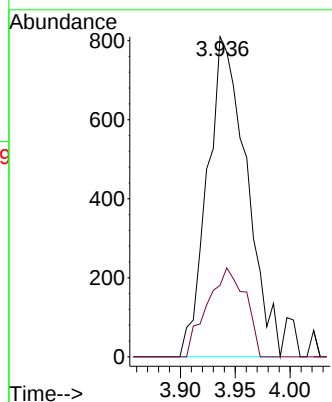
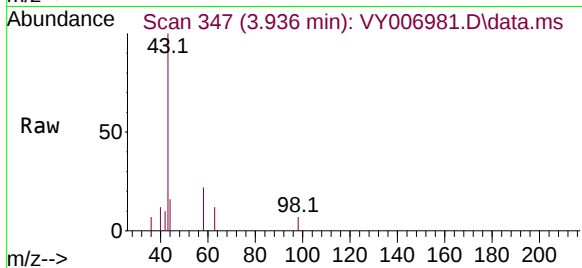
ClientSampleId :

Tgt Ion: 43 Resp: 2008

Ion Ratio Lower Upper

43 100

58 26.9 0.0 60.8



#27

1,2-Dichloroethane

Concen: 0.663 ug/L

RT: 8.234 min Scan# 1052

Delta R.T. 0.000 min

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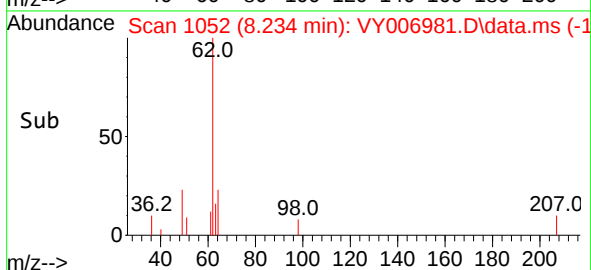
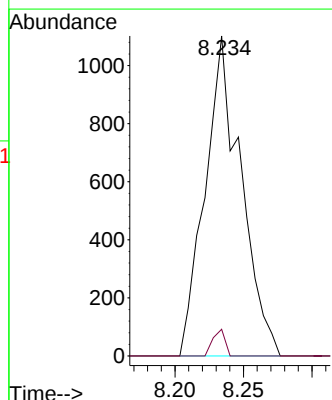
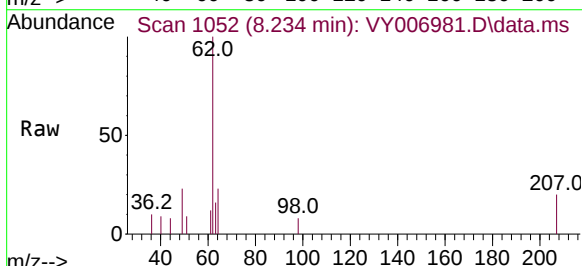
Acq: 07 Dec 2021 00:38

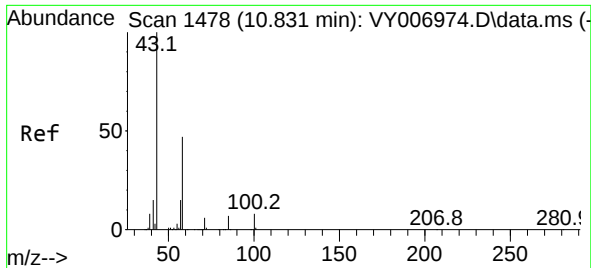
Tgt Ion: 62 Resp: 2004

Ion Ratio Lower Upper

62 100

98 8.3 6.9 10.3





#48

2-Hexanone

Concen: 2.525 ug/L

RT: 10.782 min Scan# 14

Delta R.T. -0.049 min

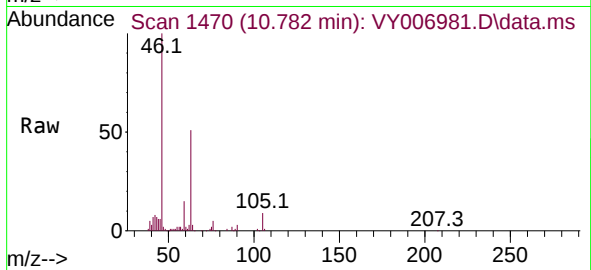
Lab File: VY006981.D

Acq: 07 Dec 2021 00:38

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43 Resp: 3272

Ion Ratio Lower Upper

43 100

58 22.2 39.9 59.9#

57 23.7 14.2 21.4#

100 0.0 8.2 12.4#

