

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
 Data File : VY006936.D
 Acq On : 04 Dec 2021 13:14
 Operator : SY/MD
 Sample : M4884-06
 Misc : 4.80g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9J2

Quant Time: Dec 05 06:07:21 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)

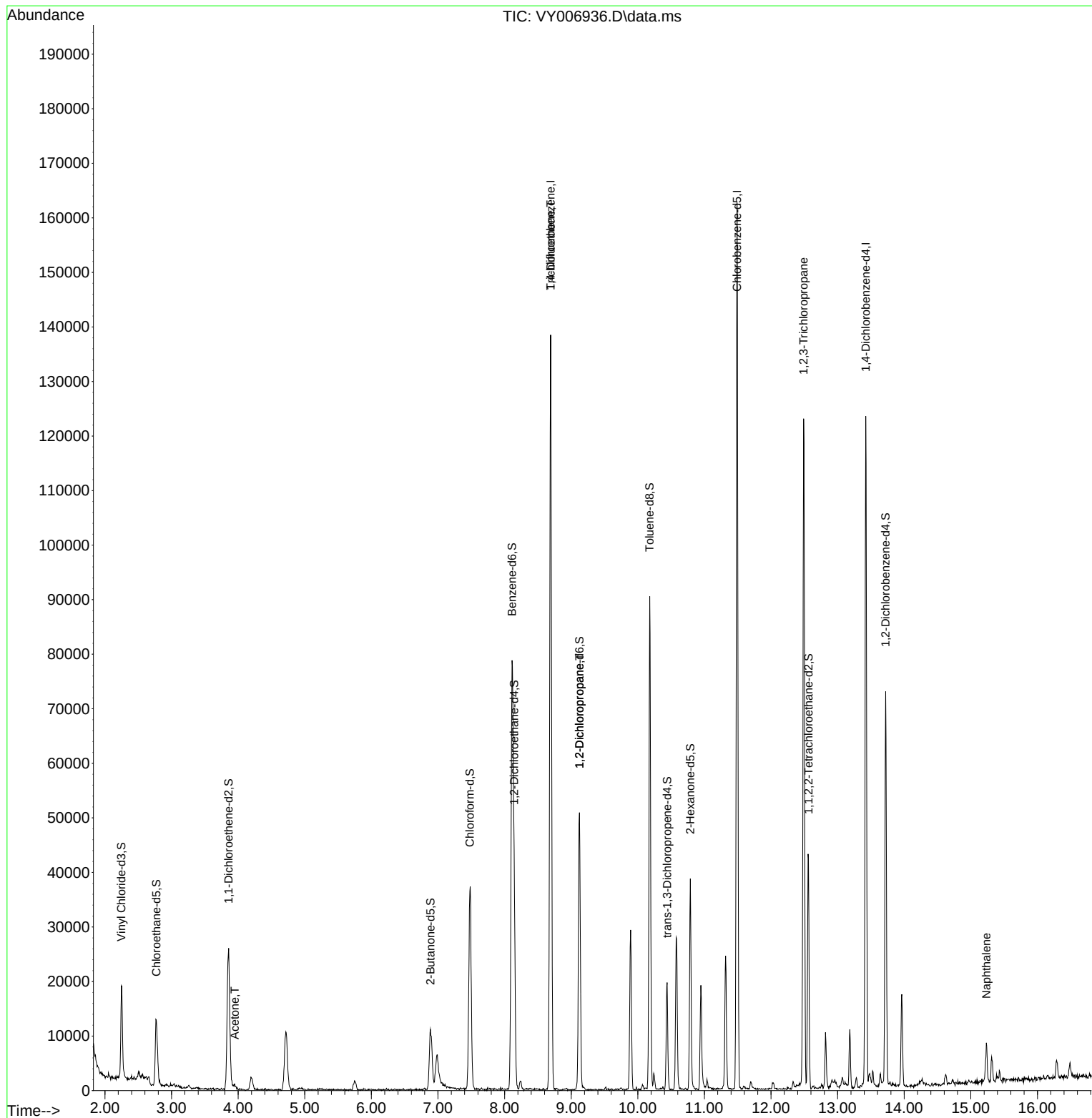
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	108985	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	81891	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	31231	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	17633	12.562	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	50.240%
7) Chloroethane-d5	2.771	69	14759	13.404	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.600%
11) 1,1-Dichloroethene-d2	3.856	63	25998	8.909	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	35.640%#
21) 2-Butanone-d5	6.886	46	21505	39.667	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.340%
24) Chloroform-d	7.478	84	37369	13.759	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	55.040%
26) 1,2-Dichloroethane-d4	8.142	65	24075	14.767	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	59.080%#
32) Benzene-d6	8.112	84	67299	15.471	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	61.880%
36) 1,2-Dichloropropane-d6	9.124	67	23633	17.291	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	69.160%#
41) Toluene-d8	10.178	98	54816	13.454	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	53.800%
43) trans-1,3-Dichloroprop...	10.441	79	9719	14.702	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	58.800%
47) 2-Hexanone-d5	10.788	63	11909	37.648	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.300%
56) 1,1,2,2-Tetrachloroeth...	12.562	84	20027	17.588	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.360%
66) 1,2-Dichlorobenzene-d4	13.721	152	16568	16.268	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	65.080%#
Target Compounds					Qvalue	
13) Acetone	3.948	43	1404	2.826	ug/L	68
34) Trichloroethene	8.691	95	3406	2.512	ug/L #	3
37) 1,2-Dichloropropane	9.124	63	2907	2.060	ug/L #	87
61) 1,2,3-Trichloropropane	12.489	75	856	1.128	ug/L #	70
71) Naphthalene	15.232	128	5577	2.465	ug/L	98

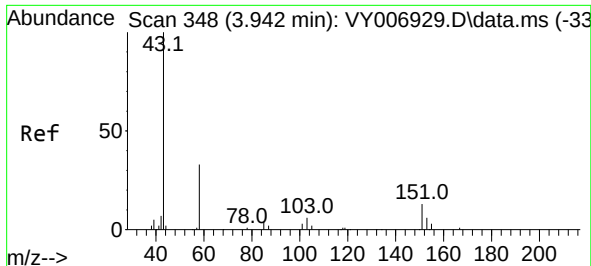
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.826 ug/L

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

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MSVOA_Y

ClientSampleId :

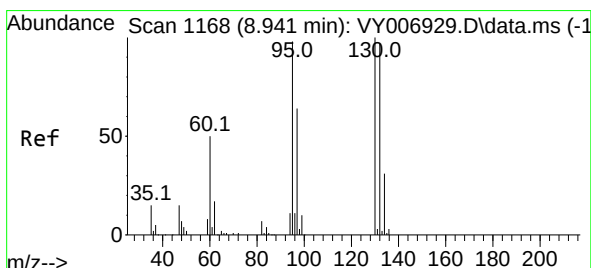
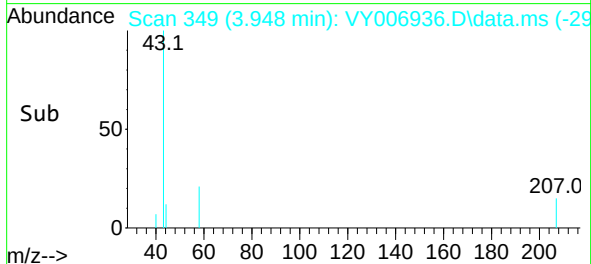
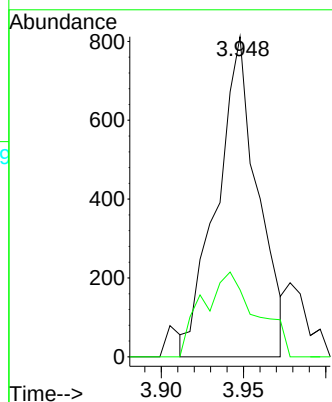
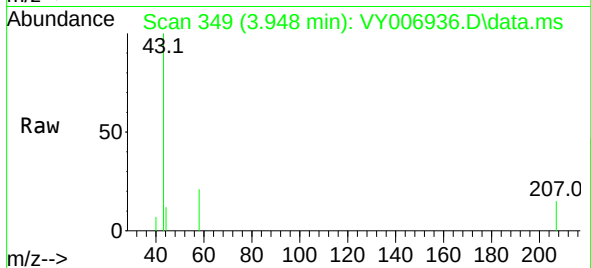
EW9J2

Tgt Ion: 43 Resp: 1404

Ion Ratio Lower Upper

43 100

58 12.8 0.0 60.8



#34

Trichloroethene

Concen: 2.512 ug/L

RT: 8.691 min Scan# 1127

Delta R.T. -0.250 min

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Acq: 04 Dec 2021 13:14

Tgt Ion: 95 Resp: 3406

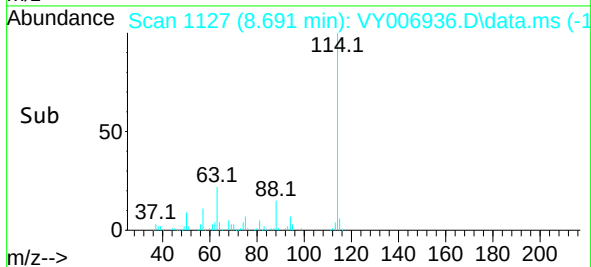
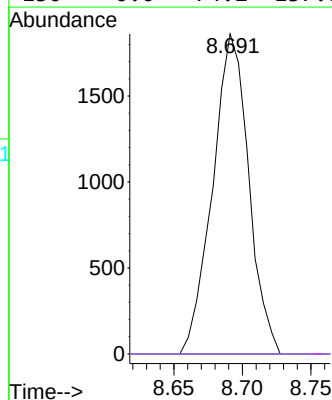
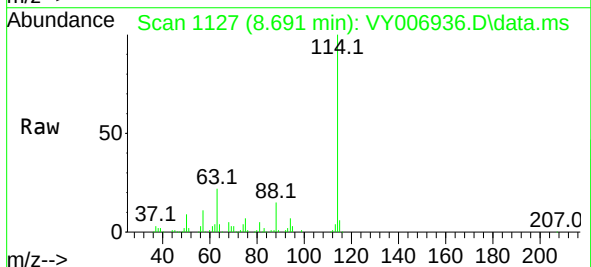
Ion Ratio Lower Upper

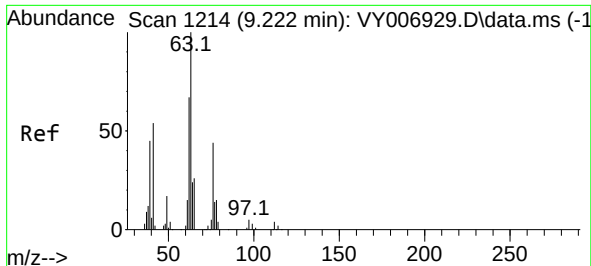
95 100

97 0.0 47.3 87.8#

132 0.0 71.3 132.5#

130 0.0 74.2 137.8#





#37

1,2-Dichloropropane

Concen: 2.060 ug/L

RT: 9.124 min Scan# 1118

Delta R.T. -0.092 min

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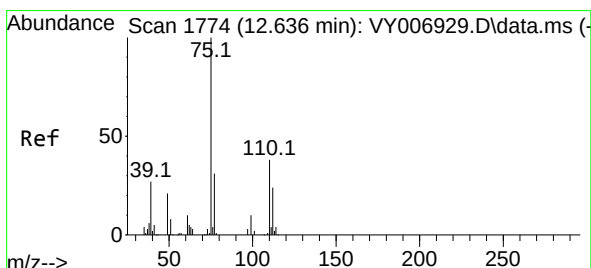
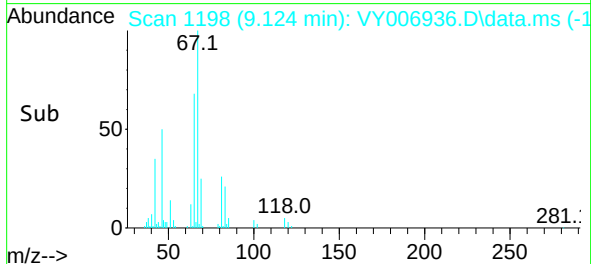
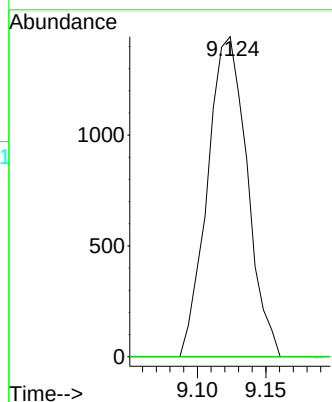
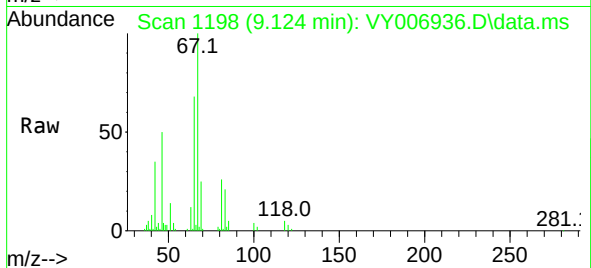
EW9J2

Tgt Ion: 63 Resp: 2907

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#61

1,2,3-Trichloropropane

Concen: 1.128 ug/L

RT: 12.489 min Scan# 1750

Delta R.T. -0.141 min

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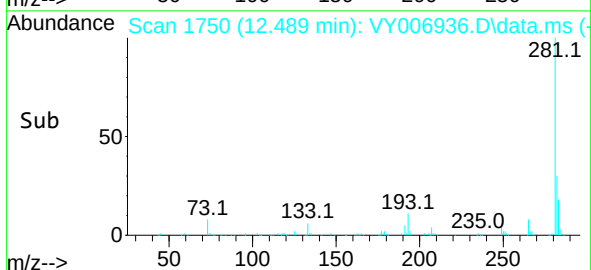
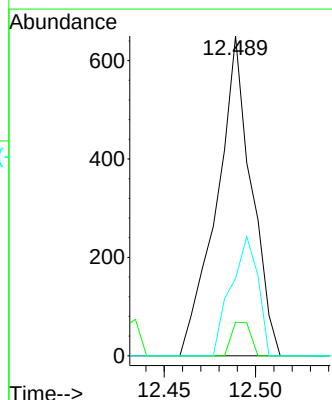
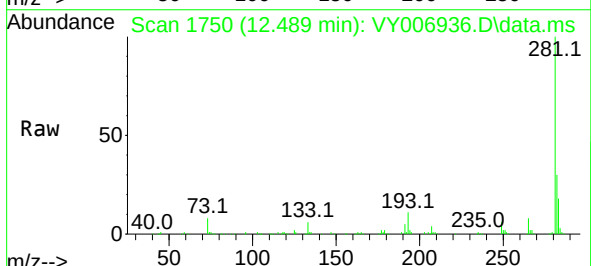
Tgt Ion: 75 Resp: 856

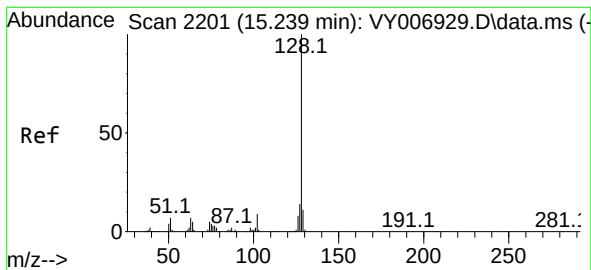
Ion Ratio Lower Upper

75 100

77 5.7 25.4 38.0#

110 29.0 31.7 47.5#





#71

Naphthalene

Concen: 2.465 ug/L

RT: 15.232 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY006936.D

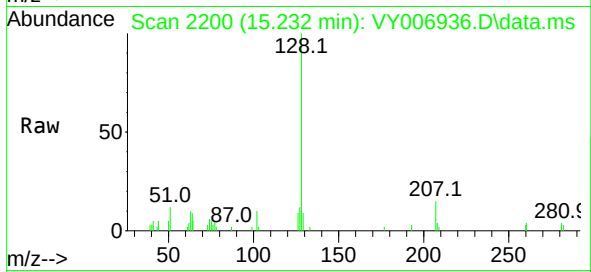
Acq: 04 Dec 2021 13:14

Instrument :

MSVOA_Y

ClientSampleId :

EW9J2



Tgt Ion:128 Resp: 5577

Ion Ratio Lower Upper

128 100

127 15.2 10.8 16.2

129 11.0 8.7 13.1

