

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
 Data File : VY006938.D
 Acq On : 04 Dec 2021 13:58
 Operator : SY/MD
 Sample : M4884-08
 Misc : 8.61g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9J4

Quant Time: Dec 05 06:07:35 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

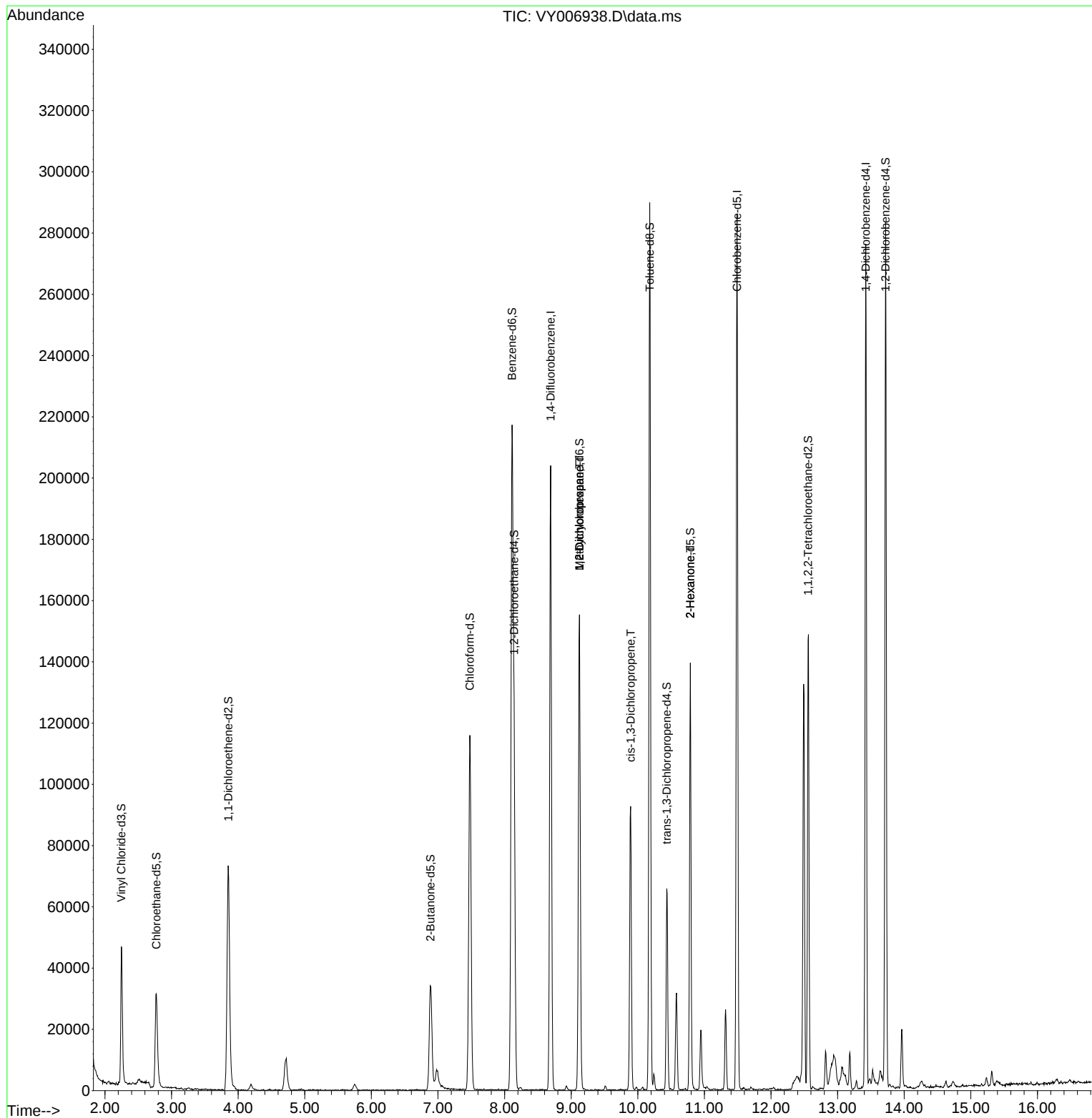
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	162047	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	144368	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	66269	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	45584	21.841	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.360%
7) Chloroethane-d5	2.771	69	39499	24.126	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.520%
11) 1,1-Dichloroethene-d2	3.850	63	70411	16.228	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.920%
21) 2-Butanone-d5	6.886	46	62765	77.863	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	155.720%#
24) Chloroform-d	7.478	84	110664	27.403	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.600%
26) 1,2-Dichloroethane-d4	8.142	65	74060	30.552	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	122.200%
32) Benzene-d6	8.112	84	203575	26.546	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.200%
36) 1,2-Dichloropropane-d6	9.124	67	70382	29.210	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.840%
41) Toluene-d8	10.178	98	181266	25.237	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.960%
43) trans-1,3-Dichloroprop...	10.435	79	34473	29.579	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	118.320%
47) 2-Hexanone-d5	10.788	63	43219	77.500	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	155.000%#
56) 1,1,2,2-Tetrachloroeth...	12.556	84	68988	34.367	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	137.480%#
66) 1,2-Dichlorobenzene-d4	13.721	152	64768	29.970	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	119.880%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	9.124	83	16211	3.784	ug/L #	18
37) 1,2-Dichloropropane	9.124	63	7623	3.064	ug/L #	87
39) cis-1,3-Dichloropropene	9.892	75	2514	0.644	ug/L #	42
48) 2-Hexanone	10.788	43	5517	3.852	ug/L #	64

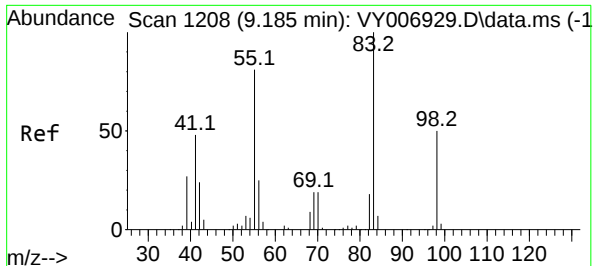
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 3.784 ug/L

RT: 9.124 min Scan# 1198

Delta R.T. -0.061 min

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Instrument :

MSVOA_Y

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EW9J4

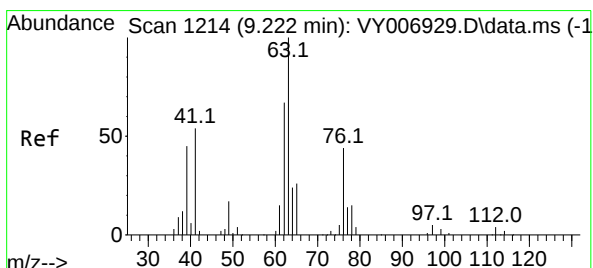
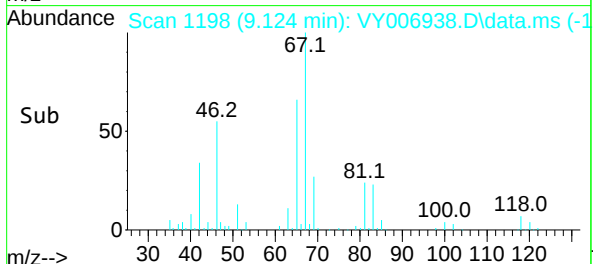
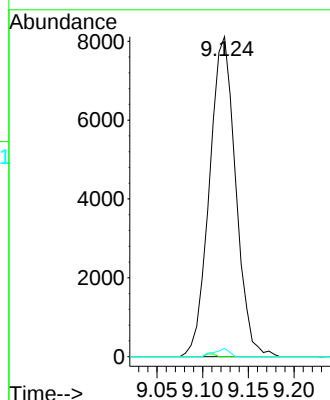
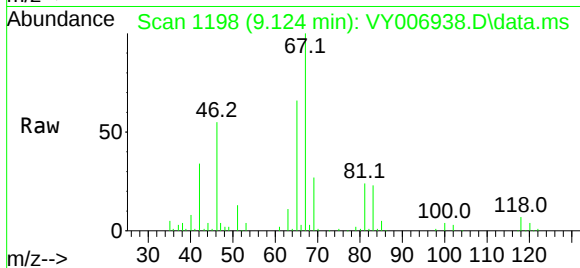
Tgt Ion: 83 Resp: 16211

Ion Ratio Lower Upper

83 100

55 0.3 62.6 94.0#

98 1.5 39.1 58.7#



#37

1,2-Dichloropropane

Concen: 3.064 ug/L

RT: 9.124 min Scan# 1198

Delta R.T. -0.092 min

Lab File: VY006938.D

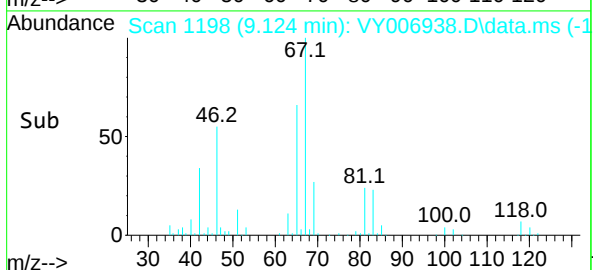
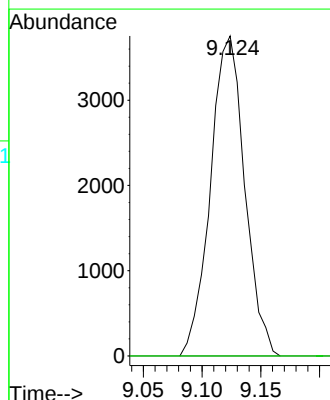
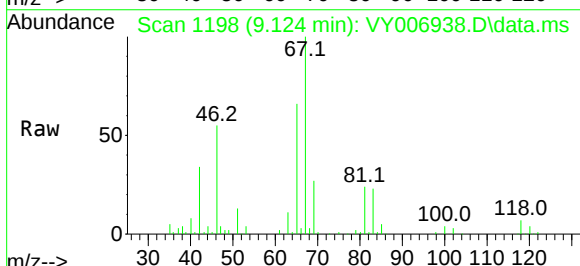
Acq: 04 Dec 2021 13:58

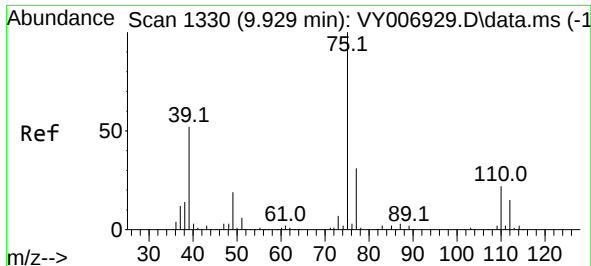
Tgt Ion: 63 Resp: 7623

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.644 ug/L

RT: 9.892 min Scan# 11

Delta R.T. -0.037 min

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Acq: 04 Dec 2021 13:58

Instrument :

MSVOA_Y

ClientSampleId :

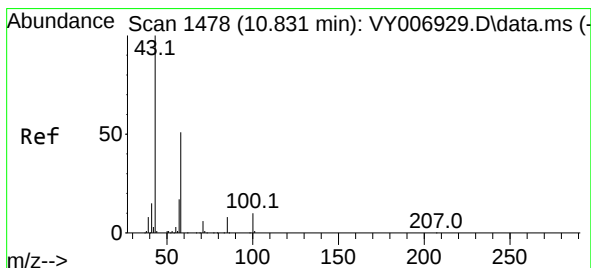
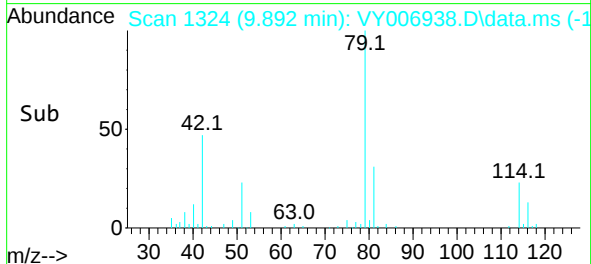
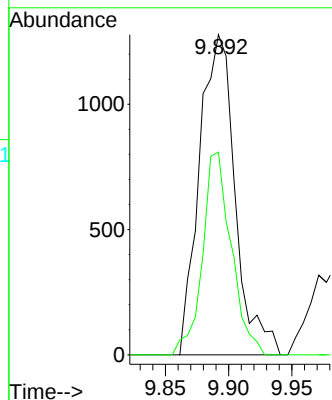
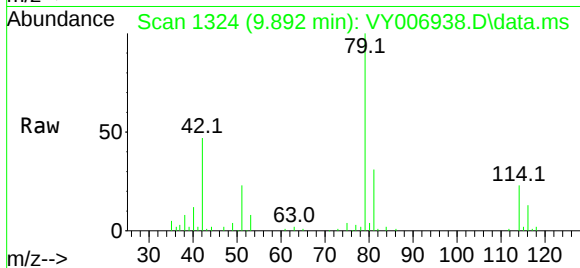
EW9J4

Tgt Ion: 75 Resp: 2514

Ion Ratio Lower Upper

75 100

77 63.3 21.8 40.6#



#48

2-Hexanone

Concen: 3.852 ug/L

RT: 10.788 min Scan# 1471

Delta R.T. -0.043 min

Lab File: VY006938.D

Acq: 04 Dec 2021 13:58

Tgt Ion: 43 Resp: 5517

Ion Ratio Lower Upper

43 100

58 18.3 39.9 59.9#

57 24.1 14.2 21.4#

100 0.0 8.2 12.4#

