

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
 Data File : VY006947.D
 Acq On : 04 Dec 2021 17:15
 Operator : SY/MD
 Sample : M4884-17
 Misc : 4.16g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9K3

Quant Time: Dec 05 06:08:44 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)

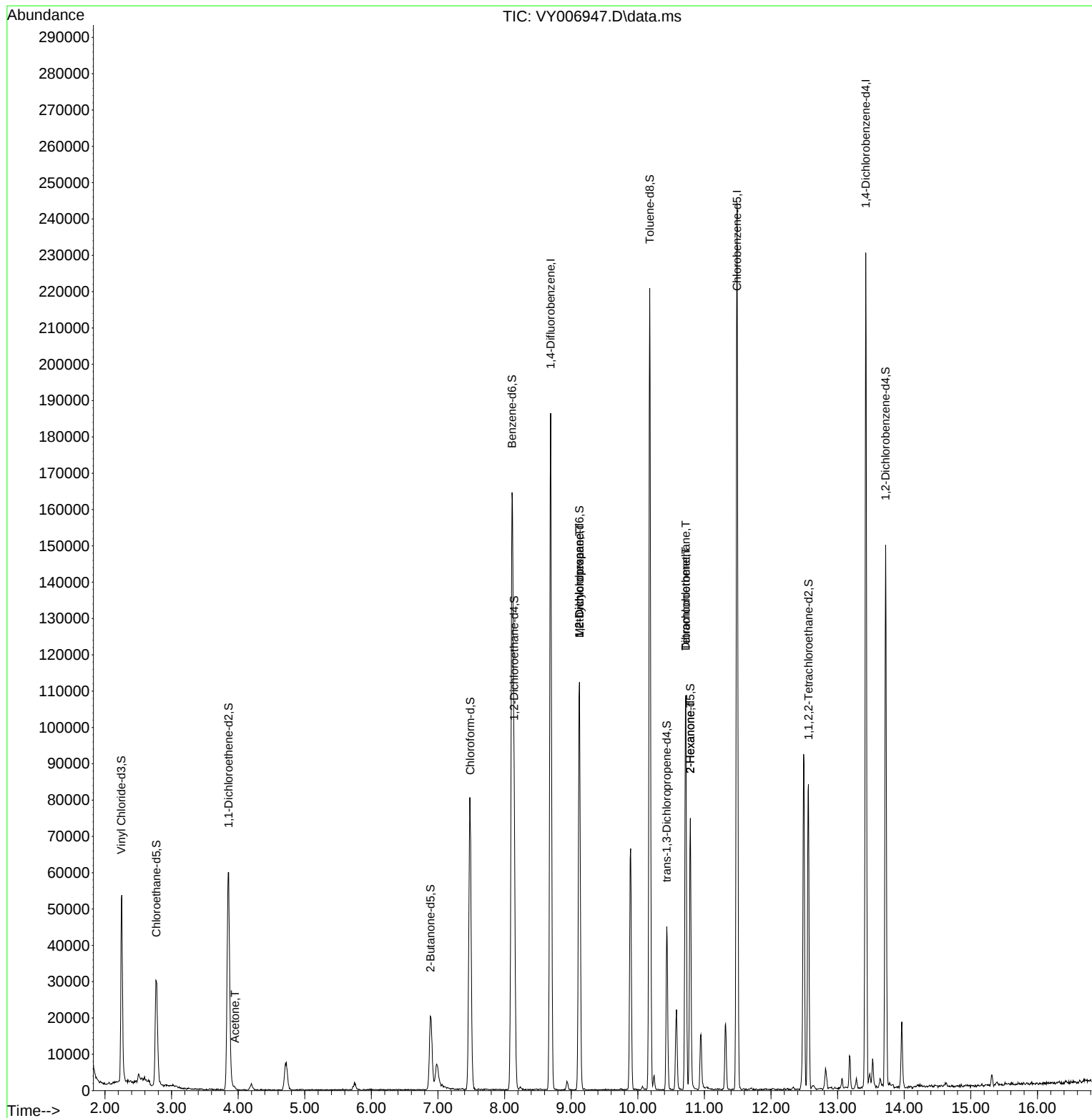
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	142943	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	119618	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	54595	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	54872	29.806	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.240%
7) Chloroethane-d5	2.772	69	38758	26.838	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.360%
11) 1,1-Dichloroethene-d2	3.857	63	60673	15.853	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.400%
21) 2-Butanone-d5	6.887	46	38640	54.341	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.680%
24) Chloroform-d	7.484	84	76789	21.556	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.240%
26) 1,2-Dichloroethane-d4	8.143	65	50845	23.779	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.120%
32) Benzene-d6	8.112	84	153594	24.173	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.680%
36) 1,2-Dichloropropane-d6	9.124	67	52381	26.237	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.960%
41) Toluene-d8	10.179	98	135636	22.791	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.160%
43) trans-1,3-Dichloroprop...	10.435	79	23315	24.145	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.560%
47) 2-Hexanone-d5	10.788	63	24185	52.342	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.680%
56) 1,1,2,2-Tetrachloroeth...	12.563	84	40261	24.206	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.840%
66) 1,2-Dichlorobenzene-d4	13.721	152	33855	19.016	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.080%
Target Compounds						
					Qvalue	
13) Acetone	3.954	43	994	1.525	ug/L	91
35) Methylcyclohexane	9.124	83	11623	3.275	ug/L #	18
37) 1,2-Dichloropropane	9.124	63	5984	2.903	ug/L #	87
46) Tetrachloroethene	10.721	164	22570	13.600	ug/L	95
48) 2-Hexanone	10.788	43	3322	2.800	ug/L #	62
49) Dibromochloromethane	10.721	129	19564	10.584	ug/L #	12

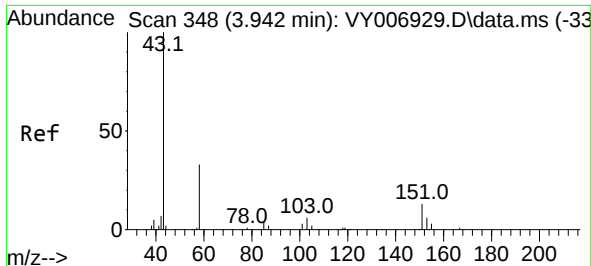
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.525 ug/L

RT: 3.954 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY006947.D

Acq: 04 Dec 2021 17:15

Instrument :

MSVOA_Y

ClientSampleId :

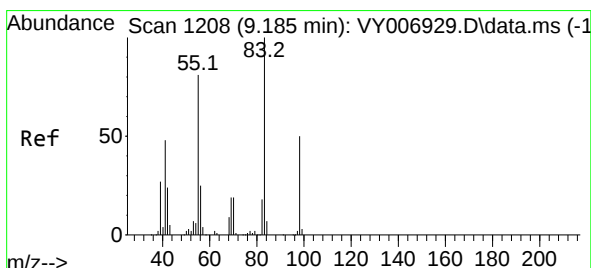
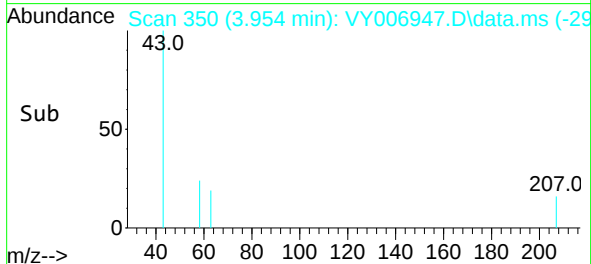
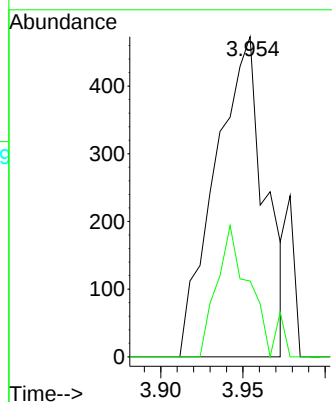
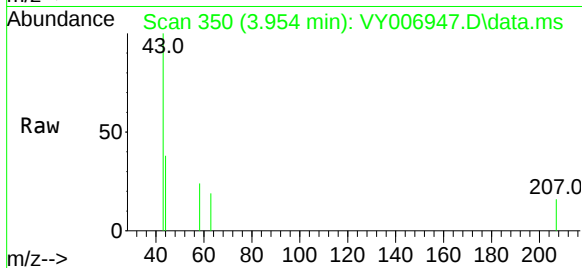
EW9K3

Tgt Ion: 43 Resp: 994

Ion Ratio Lower Upper

43 100

58 25.7 0.0 60.8



#35

Methylcyclohexane

Concen: 3.275 ug/L

RT: 9.124 min Scan# 1198

Delta R.T. -0.061 min

Lab File: VY006947.D

Acq: 04 Dec 2021 17:15

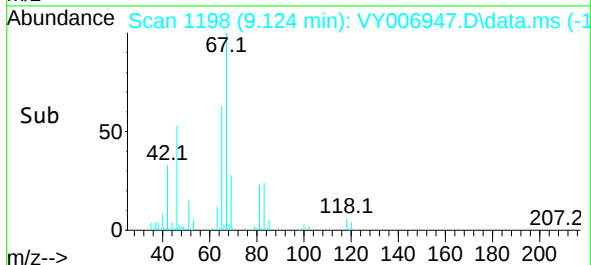
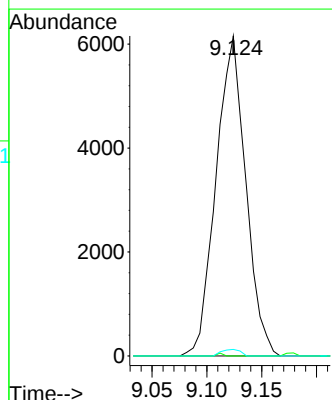
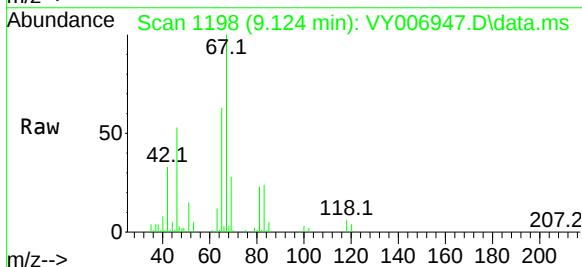
Tgt Ion: 83 Resp: 11623

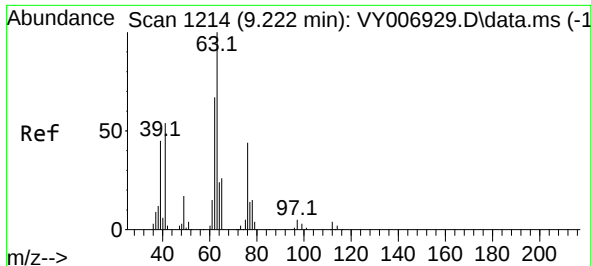
Ion Ratio Lower Upper

83 100

55 0.3 62.6 94.0#

98 1.3 39.1 58.7#





#37

1,2-Dichloropropane

Concen: 2.903 ug/L

RT: 9.124 min Scan# 1198

Delta R.T. -0.091 min

Lab File: VY006947.D

Acq: 04 Dec 2021 17:15

Instrument :

MSVOA_Y

ClientSampleId :

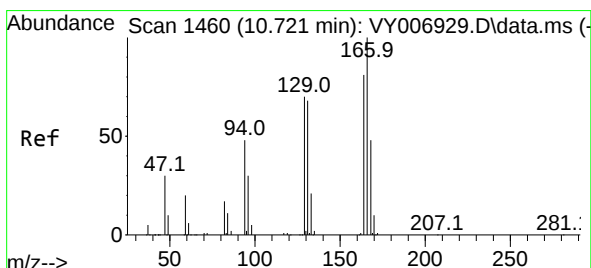
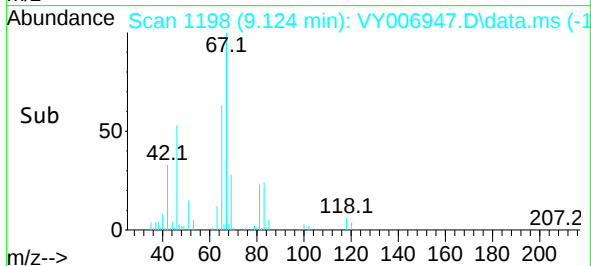
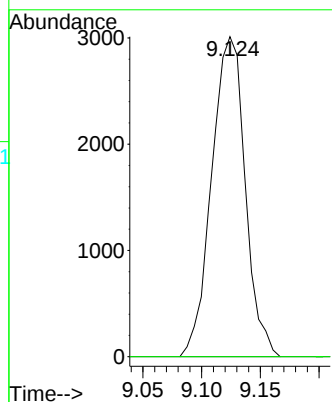
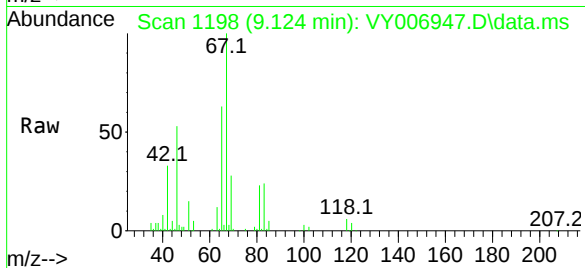
EW9K3

Tgt Ion: 63 Resp: 5984

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#46

Tetrachloroethene

Concen: 13.600 ug/L

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY006947.D

Acq: 04 Dec 2021 17:15

Tgt Ion: 164 Resp: 22570

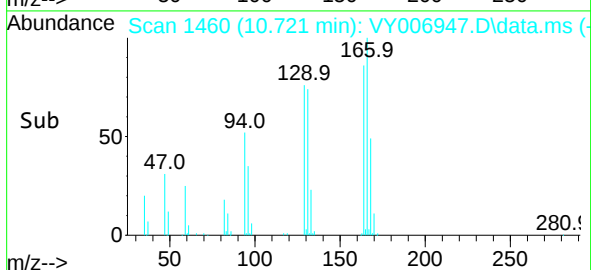
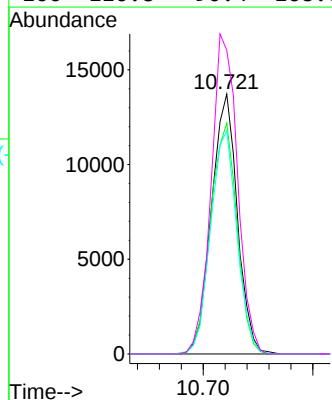
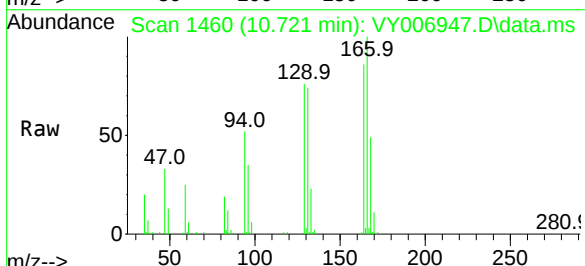
Ion Ratio Lower Upper

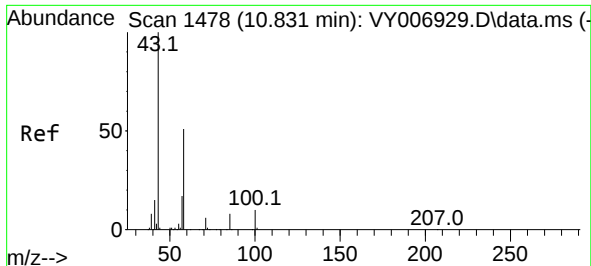
164 100

129 88.9 62.1 115.3

131 85.9 61.0 113.2

166 116.8 90.4 168.0

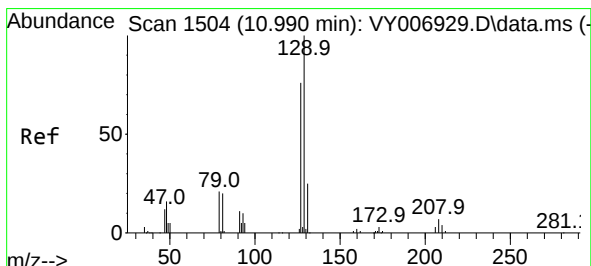
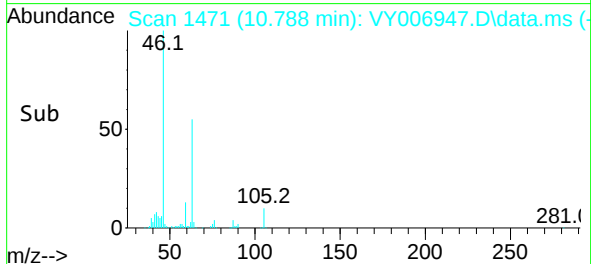
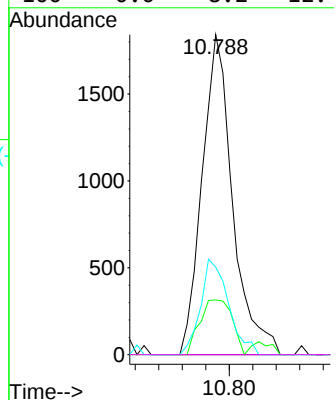
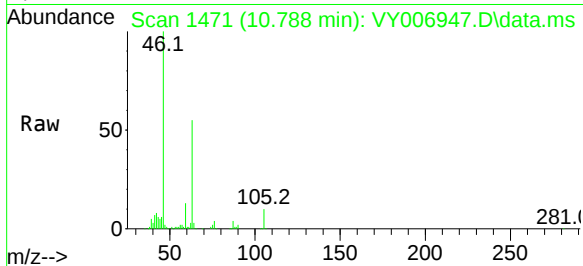




#48
2-Hexanone
Concen: 2.800 ug/L
RT: 10.788 min Scan# 1478
Delta R.T. -0.043 min
Lab File: VY006947.D
Acq: 04 Dec 2021 17:15

Instrument : MSVOA_Y
ClientSampleId : EW9K3

Tgt Ion: 43 Resp: 3322
Ion Ratio Lower Upper
43 100
58 18.1 39.9 59.9#
57 27.4 14.2 21.4#
100 0.0 8.2 12.4#



#49
Dibromochloromethane
Concen: 10.584 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. -0.262 min
Lab File: VY006947.D
Acq: 04 Dec 2021 17:15

Tgt Ion: 129 Resp: 19564
Ion Ratio Lower Upper
129 100
127 0.0 52.1 96.9#

