

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
 Data File : VY006951.D
 Acq On : 04 Dec 2021 18:43
 Operator : SY/MD
 Sample : M4884-21
 Misc : 4.89g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9K5

Quant Time: Dec 05 06:09:38 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)

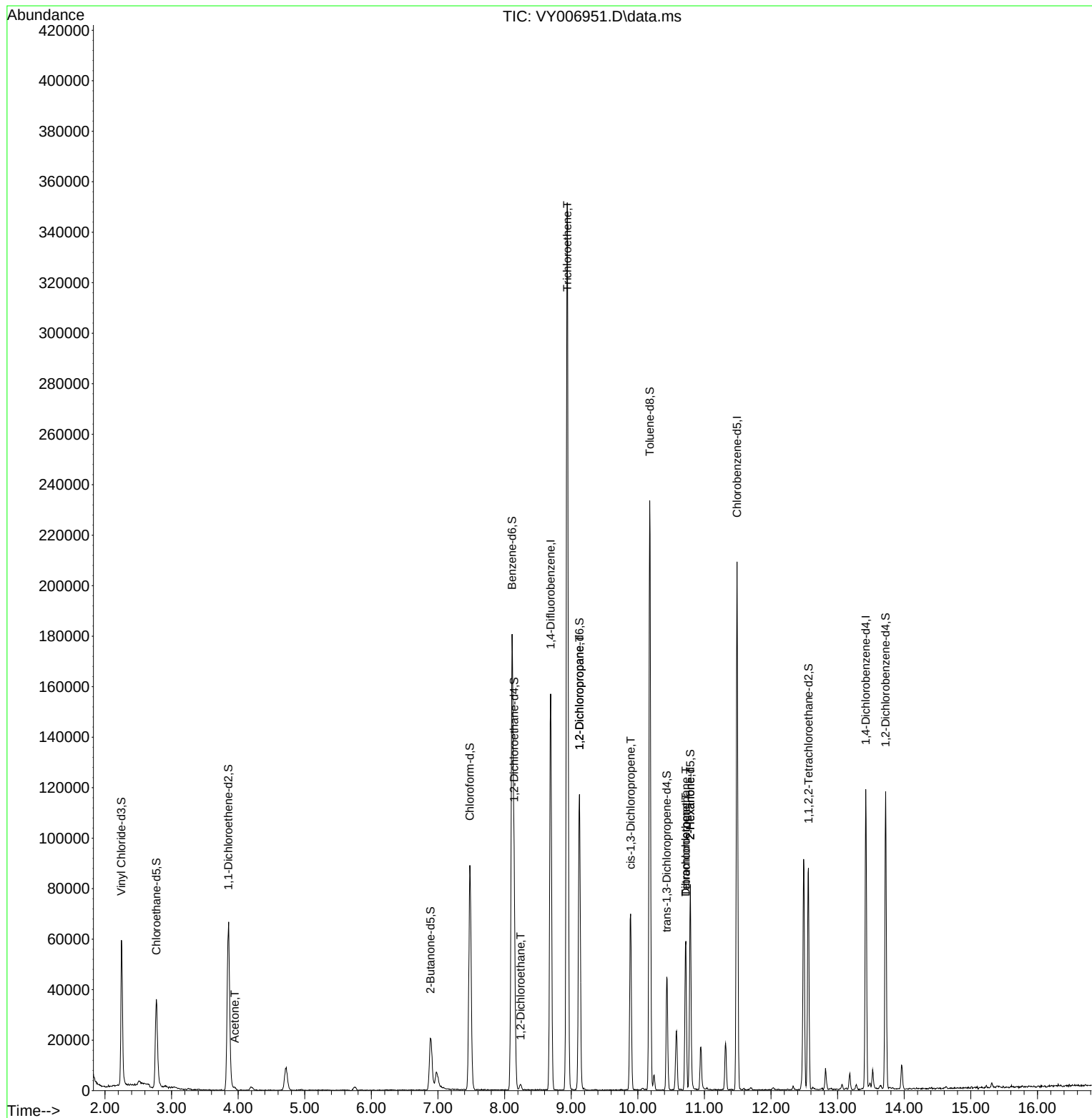
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	125896	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	100752	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	27341	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	59557	36.731	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	146.920%
7) Chloroethane-d5	2.772	69	42656	33.536	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	134.160%
11) 1,1-Dichloroethene-d2	3.851	63	65155	19.329	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.320%
21) 2-Butanone-d5	6.887	46	38734	61.850	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.700%
24) Chloroform-d	7.478	84	84485	26.928	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.720%
26) 1,2-Dichloroethane-d4	8.143	65	52200	27.718	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.880%
32) Benzene-d6	8.112	84	162581	30.378	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.520%
36) 1,2-Dichloropropane-d6	9.124	67	55420	32.958	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	131.840%#
41) Toluene-d8	10.179	98	143436	28.615	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	114.480%
43) trans-1,3-Dichloroprop...	10.435	79	23035	28.321	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.280%
47) 2-Hexanone-d5	10.788	63	24872	63.908	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.820%
56) 1,1,2,2-Tetrachloroeth...	12.563	84	41532	29.646	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.600%
66) 1,2-Dichlorobenzene-d4	13.721	152	26108	29.282	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.120%
Target Compounds						Qvalue
13) Acetone	3.948	43	1688	2.941	ug/L	58
27) 1,2-Dichloroethane	8.240	62	2017	0.809	ug/L	97
34) Trichloroethene	8.941	95	118718	71.156	ug/L	91
37) 1,2-Dichloropropane	9.124	63	6400	3.686	ug/L #	87
39) cis-1,3-Dichloropropene	9.892	75	1982	0.727	ug/L #	82
46) Tetrachloroethene	10.721	164	12028	8.605	ug/L	93
48) 2-Hexanone	10.788	43	3890	3.892	ug/L #	69
49) Dibromochloromethane	10.721	129	11062	7.105	ug/L #	12

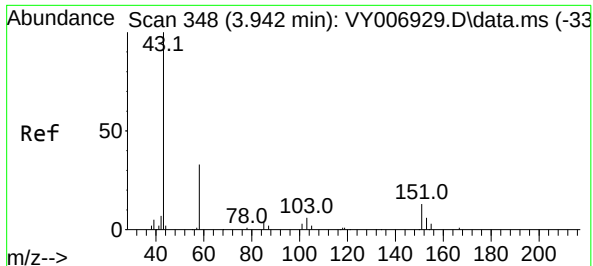
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.941 ug/L

RT: 3.948 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY006951.D

Acq: 04 Dec 2021 18:43

Instrument :

MSVOA_Y

ClientSampleId :

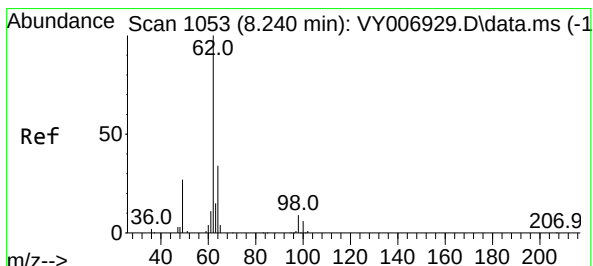
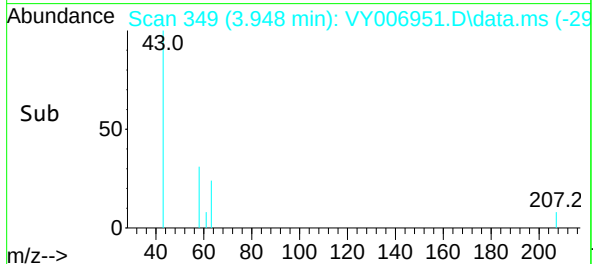
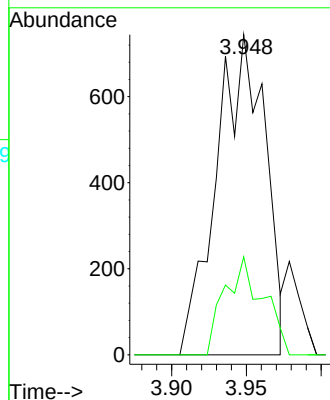
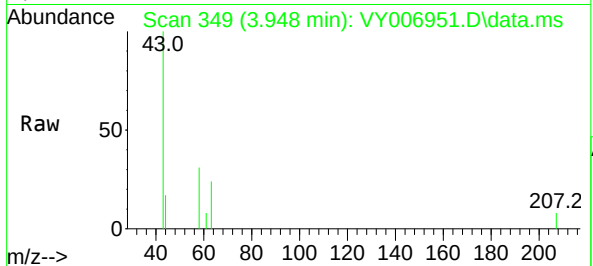
EW9K5

Tgt Ion: 43 Resp: 1688

Ion Ratio Lower Upper

43 100

58 7.8 0.0 60.8



#27

1,2-Dichloroethane

Concen: 0.809 ug/L

RT: 8.240 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VY006951.D

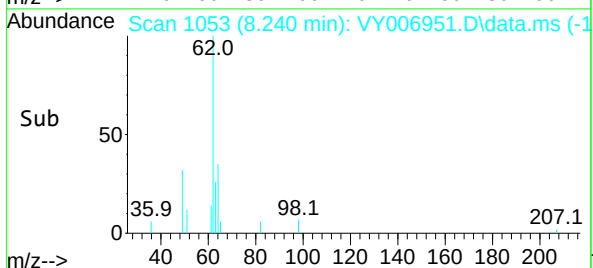
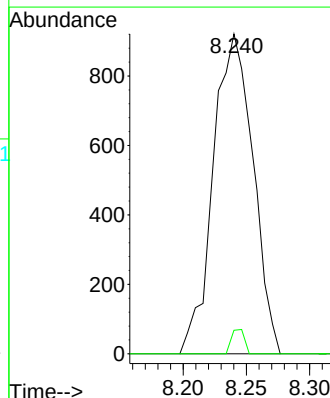
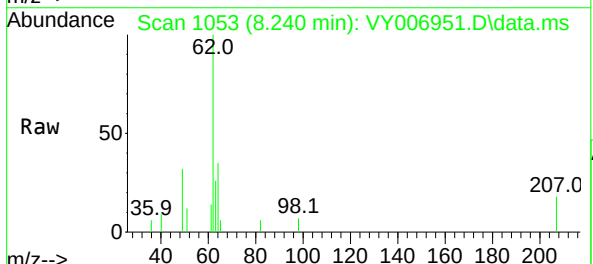
Acq: 04 Dec 2021 18:43

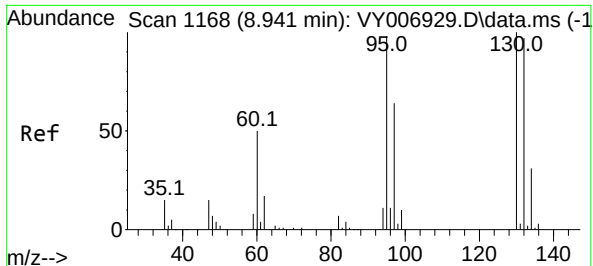
Tgt Ion: 62 Resp: 2017

Ion Ratio Lower Upper

62 100

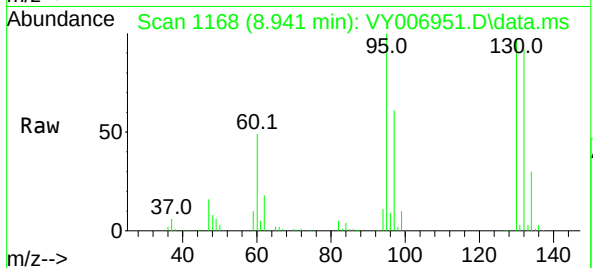
98 7.4 6.9 10.3





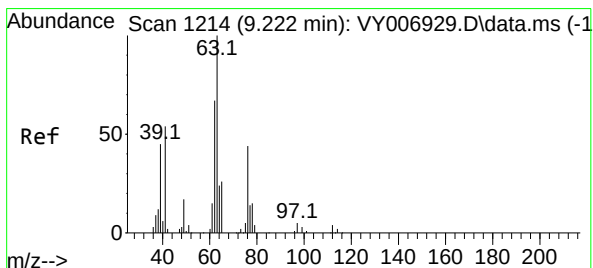
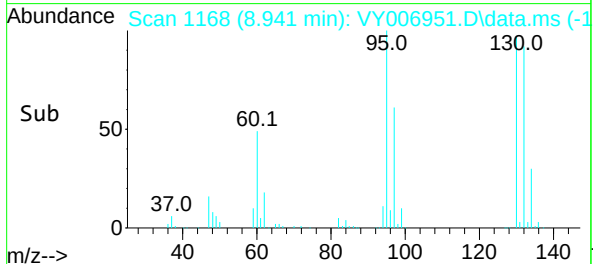
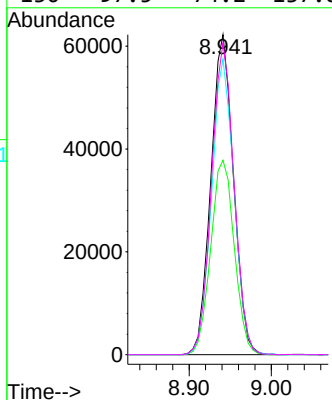
#34
 Trichloroethene
 Concen: 71.156 ug/L
 RT: 8.941 min Scan# 1168
 Delta R.T. -0.000 min
 Lab File: VY006951.D
 Acq: 04 Dec 2021 18:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9K5



Tgt Ion: 95 Resp: 118718

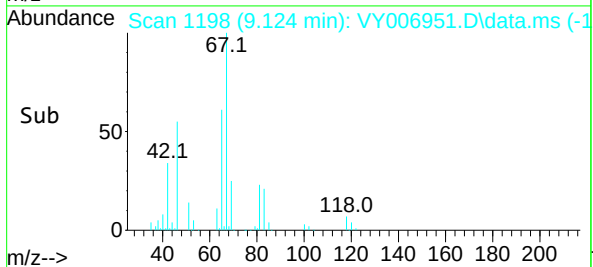
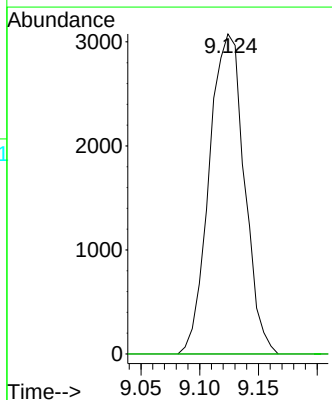
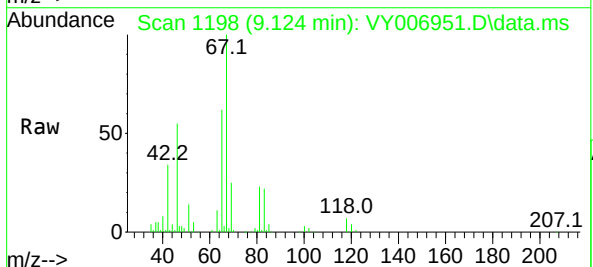
Ion	Ratio	Lower	Upper
95	100		
97	60.7	47.3	87.8
132	92.3	71.3	132.5
130	97.5	74.2	137.8

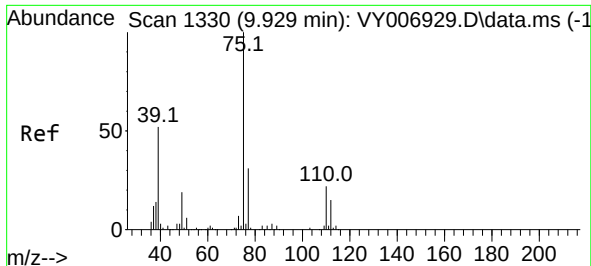


#37
 1,2-Dichloropropane
 Concen: 3.686 ug/L
 RT: 9.124 min Scan# 1198
 Delta R.T. -0.091 min
 Lab File: VY006951.D
 Acq: 04 Dec 2021 18:43

Tgt Ion: 63 Resp: 6400

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.727 ug/L

RT: 9.892 min Scan# 11

Delta R.T. -0.037 min

Lab File: VY006951.D

Acq: 04 Dec 2021 18:43

Instrument :

MSVOA_Y

ClientSampleId :

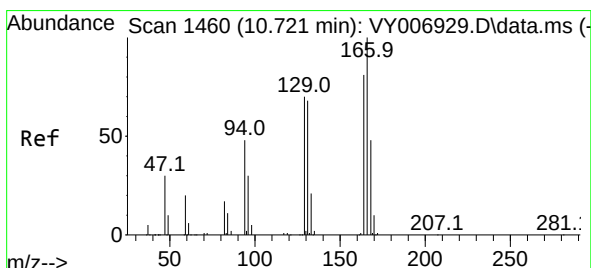
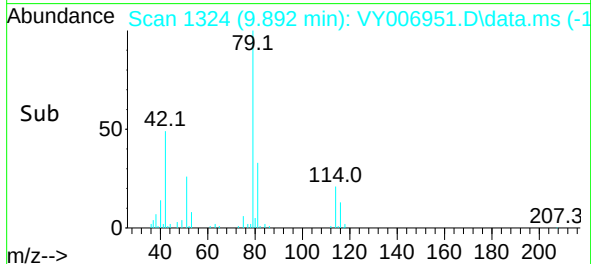
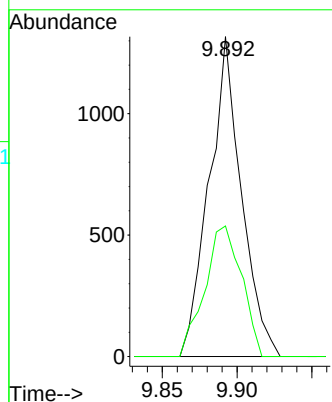
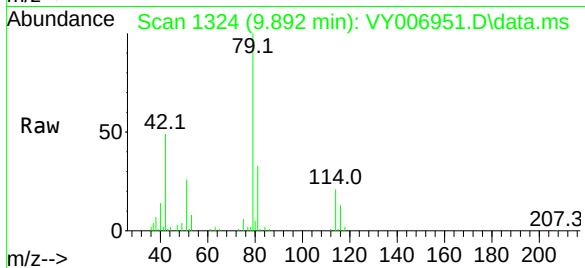
EW9K5

Tgt Ion: 75 Resp: 1982

Ion Ratio Lower Upper

75 100

77 40.9 21.8 40.6#



#46

Tetrachloroethene

Concen: 8.605 ug/L

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY006951.D

Acq: 04 Dec 2021 18:43

Tgt Ion: 164 Resp: 12028

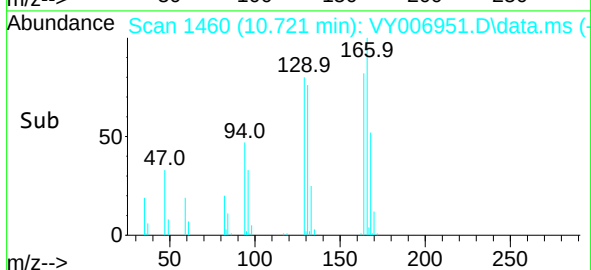
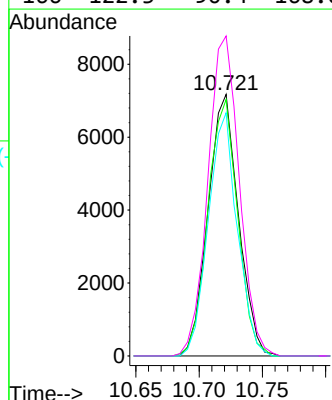
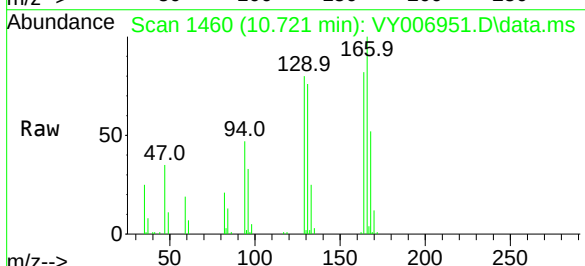
Ion Ratio Lower Upper

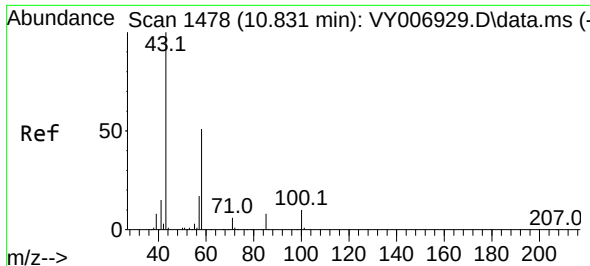
164 100

129 98.0 62.1 115.3

131 93.0 61.0 113.2

166 122.3 90.4 168.0

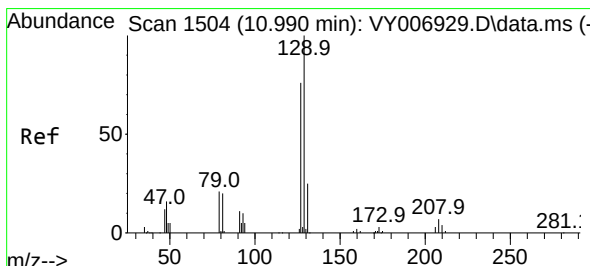
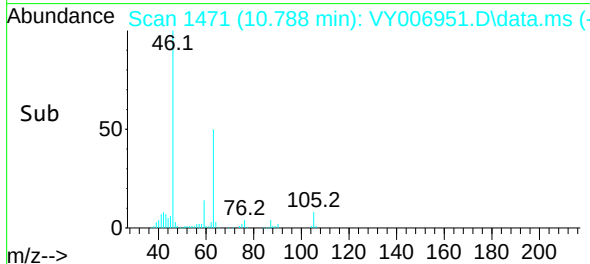
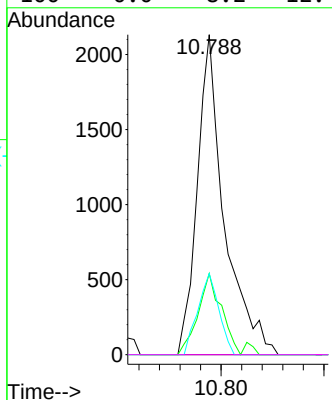
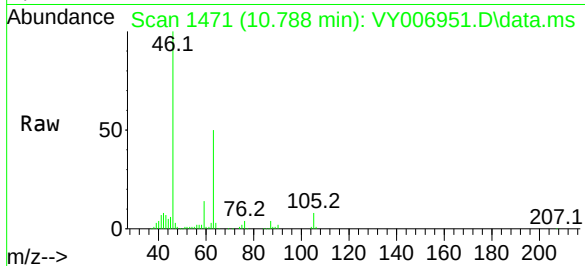




#48
2-Hexanone
Concen: 3.892 ug/L
RT: 10.788 min Scan# 1478
Delta R.T. -0.043 min
Lab File: VY006951.D
Acq: 04 Dec 2021 18:43

Instrument : MSVOA_Y
ClientSampleId : EW9K5

Tgt Ion:	43	Resp:	3890
Ion	Ratio	Lower	Upper
43	100		
58	21.9	39.9	59.9#
57	19.7	14.2	21.4
100	0.0	8.2	12.4#



#49
Dibromochloromethane
Concen: 7.105 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. -0.262 min
Lab File: VY006951.D
Acq: 04 Dec 2021 18:43

Tgt Ion:	129	Resp:	11062
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.1	96.9#

