

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
 Data File : VY006950.D
 Acq On : 04 Dec 2021 18:21
 Operator : SY/MD
 Sample : M4884-20
 Misc : 3.81g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9K4

Quant Time: Dec 05 06:09:30 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)

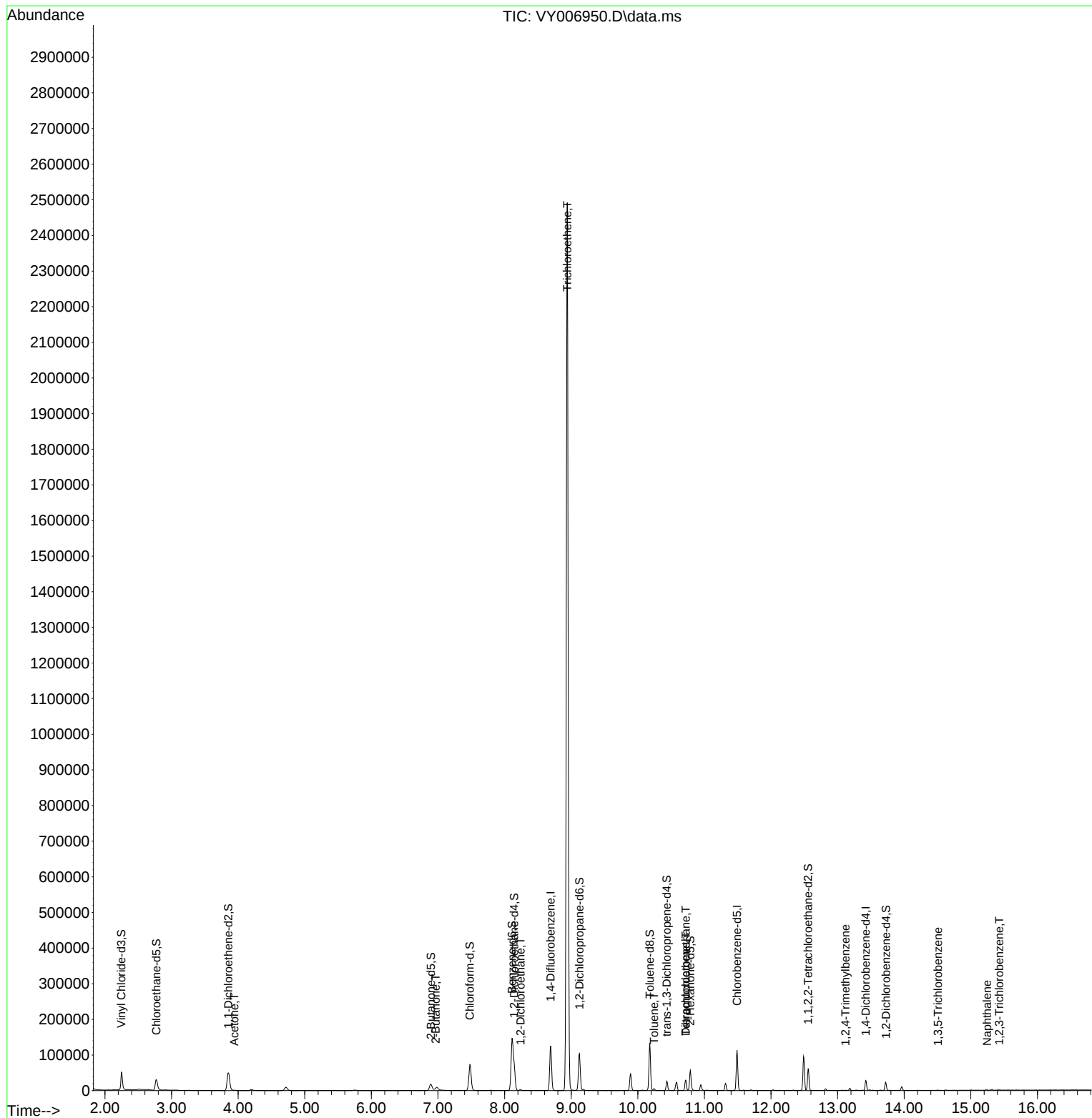
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	100556	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	56346	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	7069	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	50621	39.087	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	156.360%#
7) Chloroethane-d5	2.771	69	37863	37.269	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	149.080%
11) 1,1-Dichloroethene-d2	3.851	63	50426	18.729	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.920%
21) 2-Butanone-d5	6.893	46	33818	67.608	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.220%#
24) Chloroform-d	7.478	84	69501	27.734	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.920%
26) 1,2-Dichloroethane-d4	8.142	65	46166	30.691	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	122.760%
32) Benzene-d6	8.112	84	130062	43.454	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	173.800%#
36) 1,2-Dichloropropane-d6	9.124	67	47000	49.978	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	199.920%#
41) Toluene-d8	10.179	98	81621	29.116	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	116.480%
43) trans-1,3-Dichloroprop...	10.435	79	13773	30.279	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	121.120%
47) 2-Hexanone-d5	10.788	63	18023	82.806	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	165.620%#
56) 1,1,2,2-Tetrachloroeth...	12.556	84	29540	37.704	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	150.800%#
66) 1,2-Dichlorobenzene-d4	13.727	152	5138	22.288	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.160%
Target Compounds						Qvalue
13) Acetone	3.942	43	1257	2.742	ug/L	98
22) 2-Butanone	6.966	43	2083	3.248	ug/L #	61
27) 1,2-Dichloroethane	8.240	62	2255	1.132	ug/L #	90
34) Trichloroethene	8.941	95	805947	863.757	ug/L	92
42) Toluene	10.246	91	3733	0.924	ug/L	98
46) Tetrachloroethene	10.721	164	6336	8.105	ug/L	91
49) Dibromochloromethane	10.721	129	5167	5.934	ug/L #	12
63) 1,2,4-Trimethylbenzene	13.117	105	611	0.734	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.507	180	269	0.849	ug/L #	86
71) Naphthalene	15.245	128	1327	2.592	ug/L	98
72) 1,2,3-Trichlorobenzene	15.428	180	271	1.255	ug/L #	72

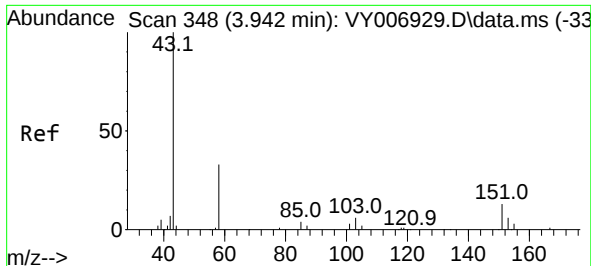
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.742 ug/L

RT: 3.942 min Scan# 34

Delta R.T. -0.000 min

Lab File: VY006950.D

Acq: 04 Dec 2021 18:21

Instrument :

MSVOA_Y

ClientSampleId :

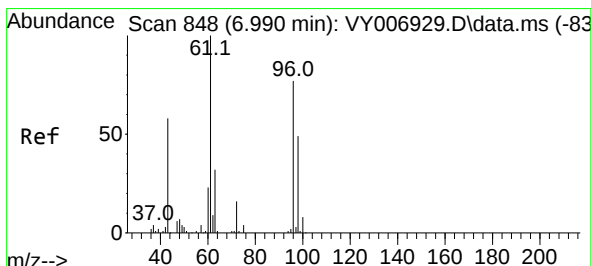
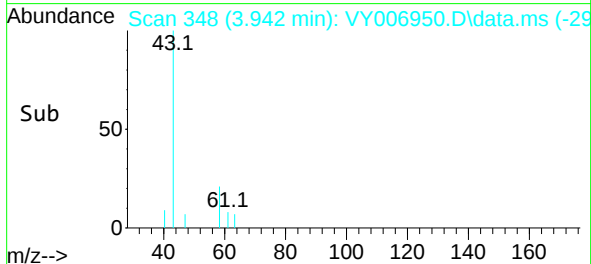
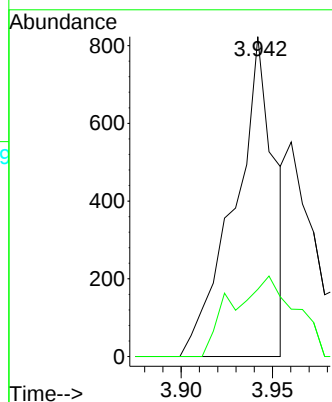
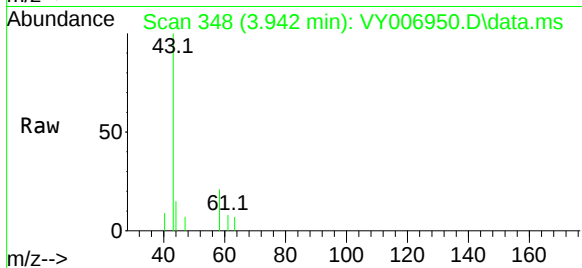
EW9K4

Tgt Ion: 43 Resp: 1257

Ion Ratio Lower Upper

43 100

58 29.4 0.0 60.8



#22

2-Butanone

Concen: 3.248 ug/L

RT: 6.966 min Scan# 844

Delta R.T. -0.018 min

Lab File: VY006950.D

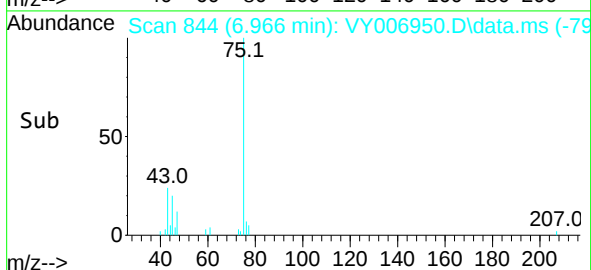
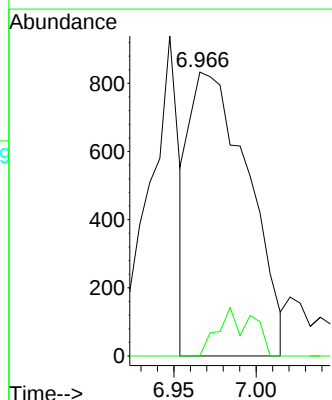
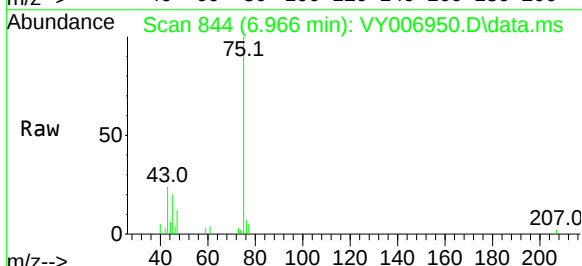
Acq: 04 Dec 2021 18:21

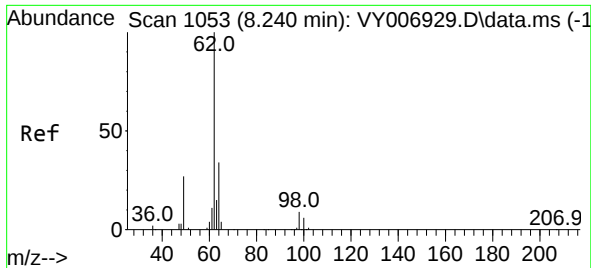
Tgt Ion: 43 Resp: 2083

Ion Ratio Lower Upper

43 100

72 6.0 12.9 38.6#

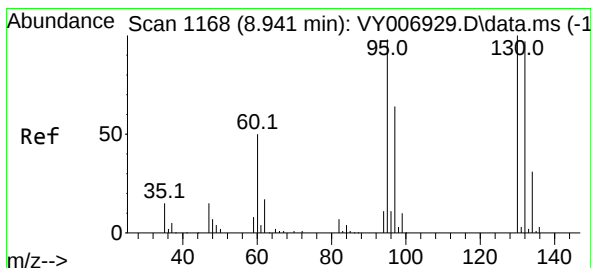
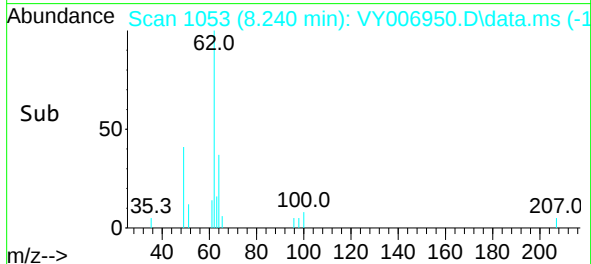
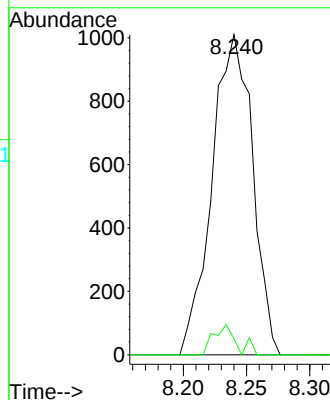
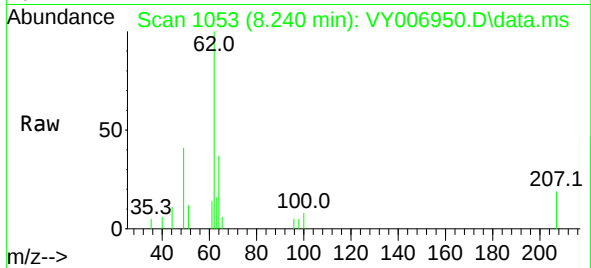




#27
1,2-Dichloroethane
Concen: 1.132 ug/L
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY006950.D
Acq: 04 Dec 2021 18:21

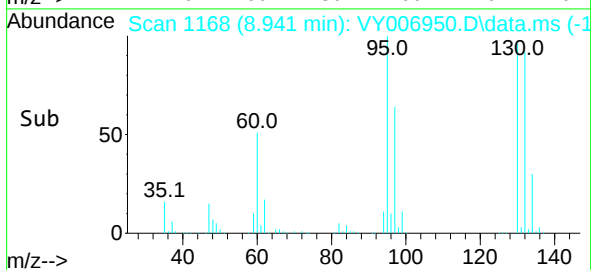
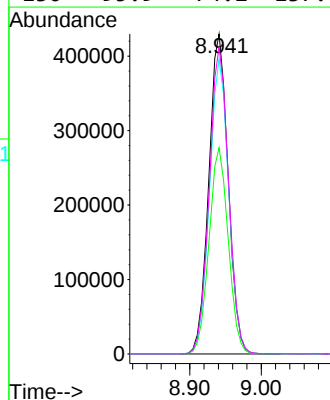
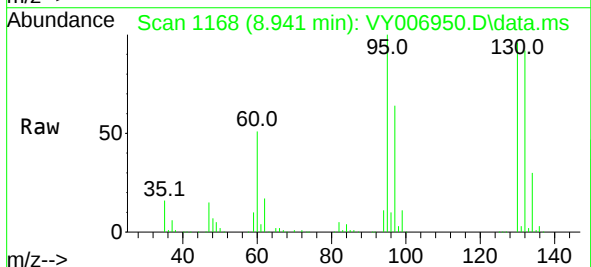
Instrument :
MSVOA_Y
ClientSampleId :
EW9K4

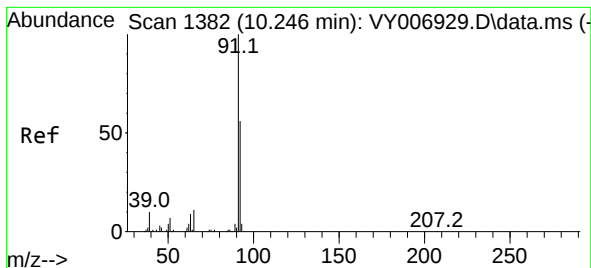
Tgt Ion: 62 Resp: 2255
Ion Ratio Lower Upper
62 100
98 5.0 6.9 10.3#



#34
Trichloroethene
Concen: 863.757 ug/L
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY006950.D
Acq: 04 Dec 2021 18:21

Tgt Ion: 95 Resp: 805947
Ion Ratio Lower Upper
95 100
97 64.4 47.3 87.8
132 92.1 71.3 132.5
130 95.9 74.2 137.8





#42

Toluene

Concen: 0.924 ug/L

RT: 10.246 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY006950.D

Acq: 04 Dec 2021 18:21

Instrument :

MSVOA_Y

ClientSampleId :

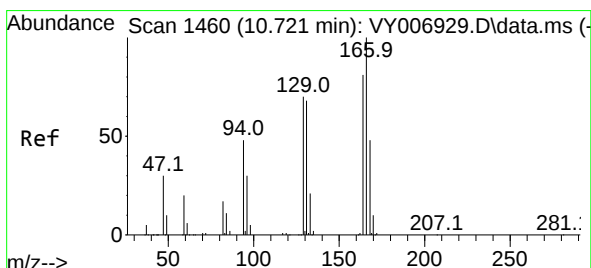
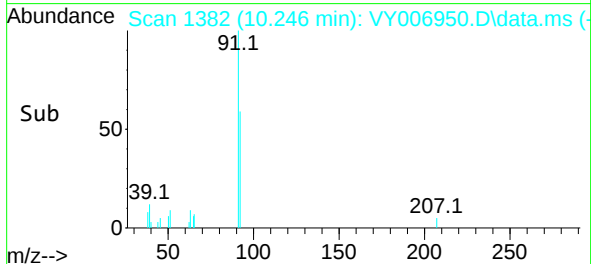
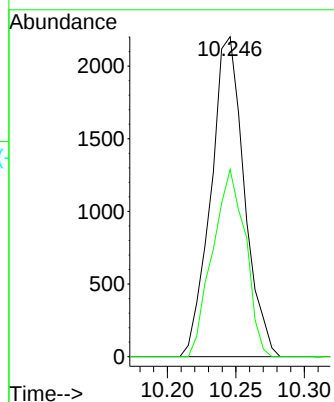
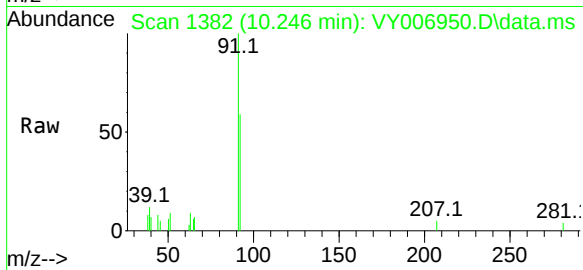
EW9K4

Tgt Ion: 91 Resp: 3733

Ion Ratio Lower Upper

91 100

92 58.5 39.8 74.0



#46

Tetrachloroethene

Concen: 8.105 ug/L

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY006950.D

Acq: 04 Dec 2021 18:21

Tgt Ion: 164 Resp: 6336

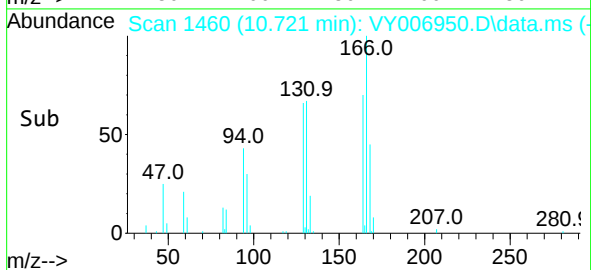
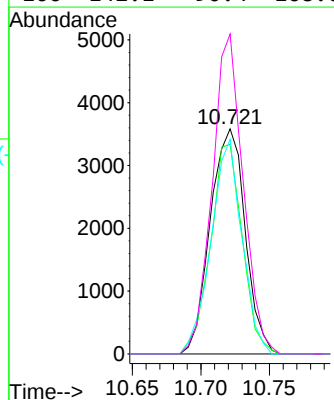
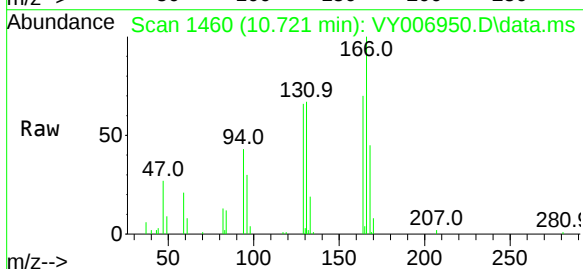
Ion Ratio Lower Upper

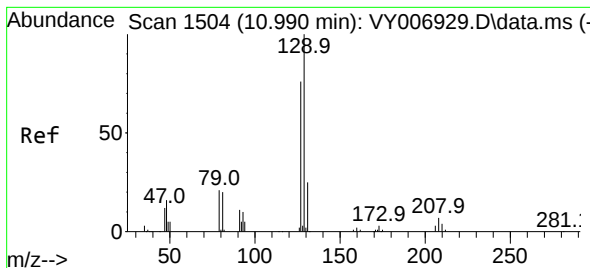
164 100

129 93.1 62.1 115.3

131 95.3 61.0 113.2

166 142.1 90.4 168.0





#49

Dibromochloromethane

Concen: 5.934 ug/L

RT: 10.721 min Scan# 1460

Delta R.T. -0.262 min

Lab File: VY006950.D

Acq: 04 Dec 2021 18:21

Instrument :

MSVOA_Y

ClientSampleId :

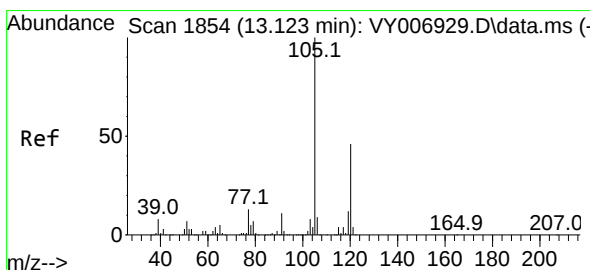
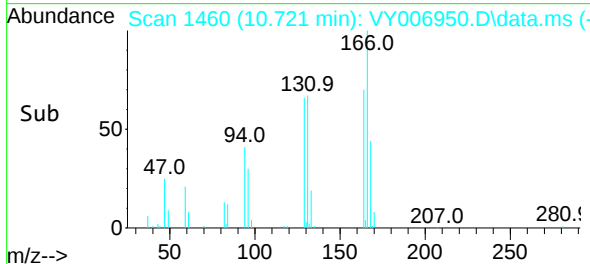
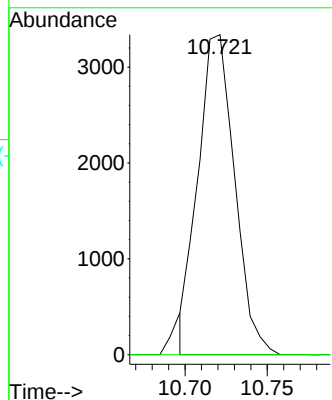
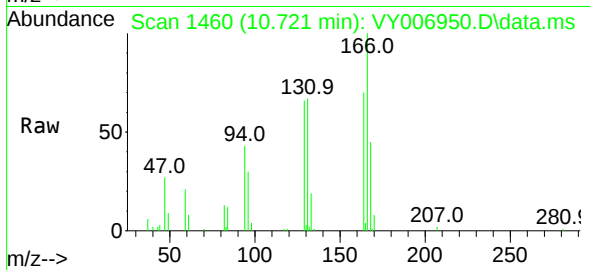
EW9K4

Tgt Ion:129 Resp: 5167

Ion Ratio Lower Upper

129 100

127 0.0 52.1 96.9#



#63

1,2,4-Trimethylbenzene

Concen: 0.734 ug/L

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY006950.D

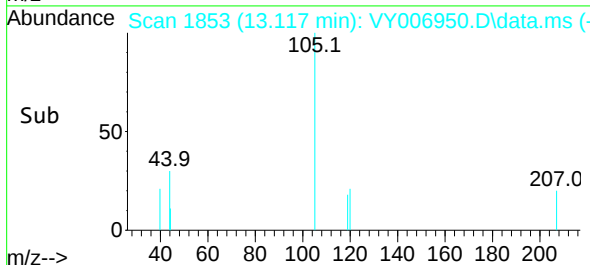
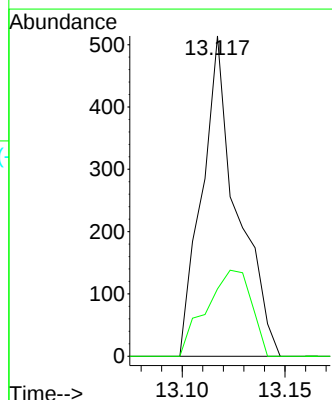
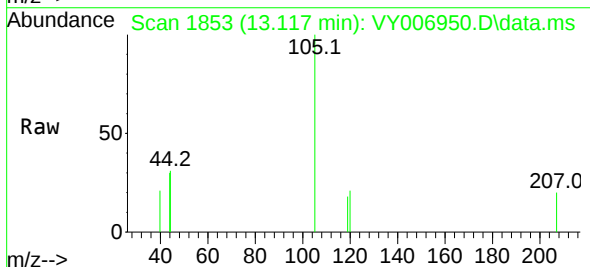
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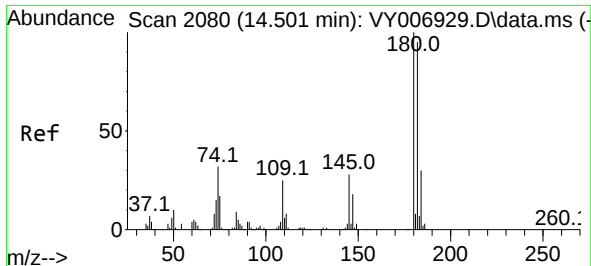
Tgt Ion:105 Resp: 611

Ion Ratio Lower Upper

105 100

120 34.5 36.0 54.0#

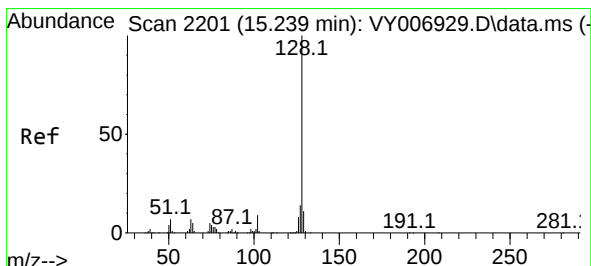
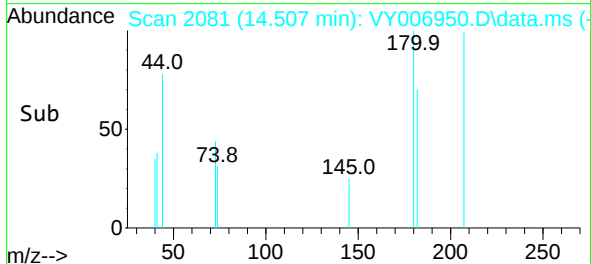
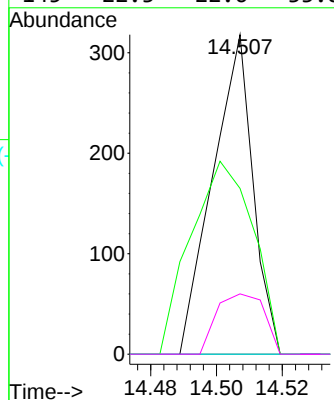
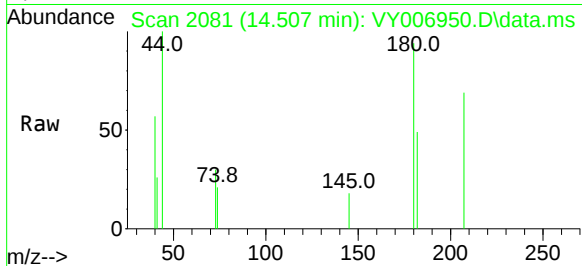




#69
1,3,5-Trichlorobenzene
Concen: 0.849 ug/L
RT: 14.507 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VY006950.D
Acq: 04 Dec 2021 18:21

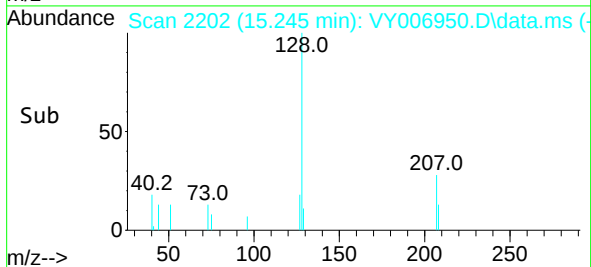
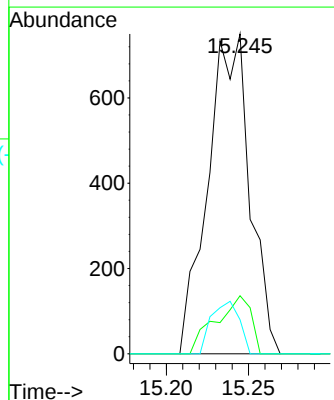
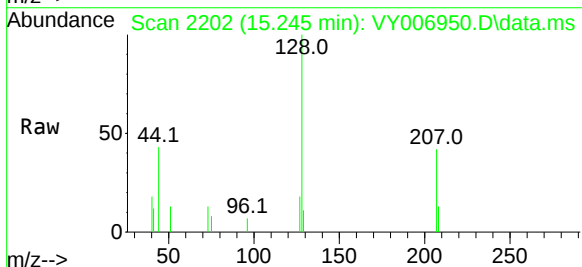
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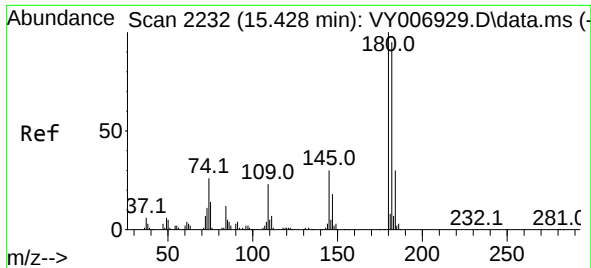
Tgt Ion:180	Resp:	269
Ion Ratio	Lower	Upper
180	100	
182	94.1	76.0 114.0
184	0.0	24.6 36.8#
145	22.3	22.6 33.8#



#71
Naphthalene
Concen: 2.592 ug/L
RT: 15.245 min Scan# 2202
Delta R.T. 0.012 min
Lab File: VY006950.D
Acq: 04 Dec 2021 18:21

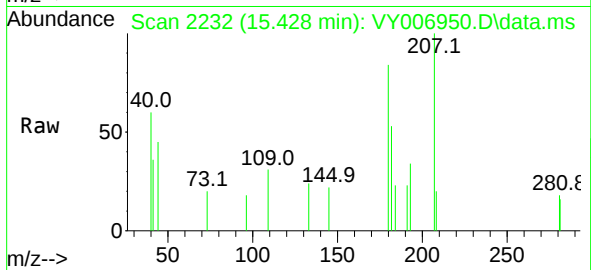
Tgt Ion:128	Resp:	1327
Ion Ratio	Lower	Upper
128	100	
127	15.2	10.8 16.2
129	11.0	8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 1.255 ug/L
 RT: 15.428 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY006950.D
 Acq: 04 Dec 2021 18:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9K4



Tgt Ion:	180	Resp:	271
Ion	Ratio	Lower	Upper
180	100		
182	129.2	75.5	113.3#
145	31.7	23.5	35.3

