

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006987.D
 Acq On : 07 Dec 2021 02:50
 Operator : SY/MD
 Sample : M4884-16RE
 Misc : 3.52g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9K2RE

Quant Time: Dec 07 04:16:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 07 04:00:28 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

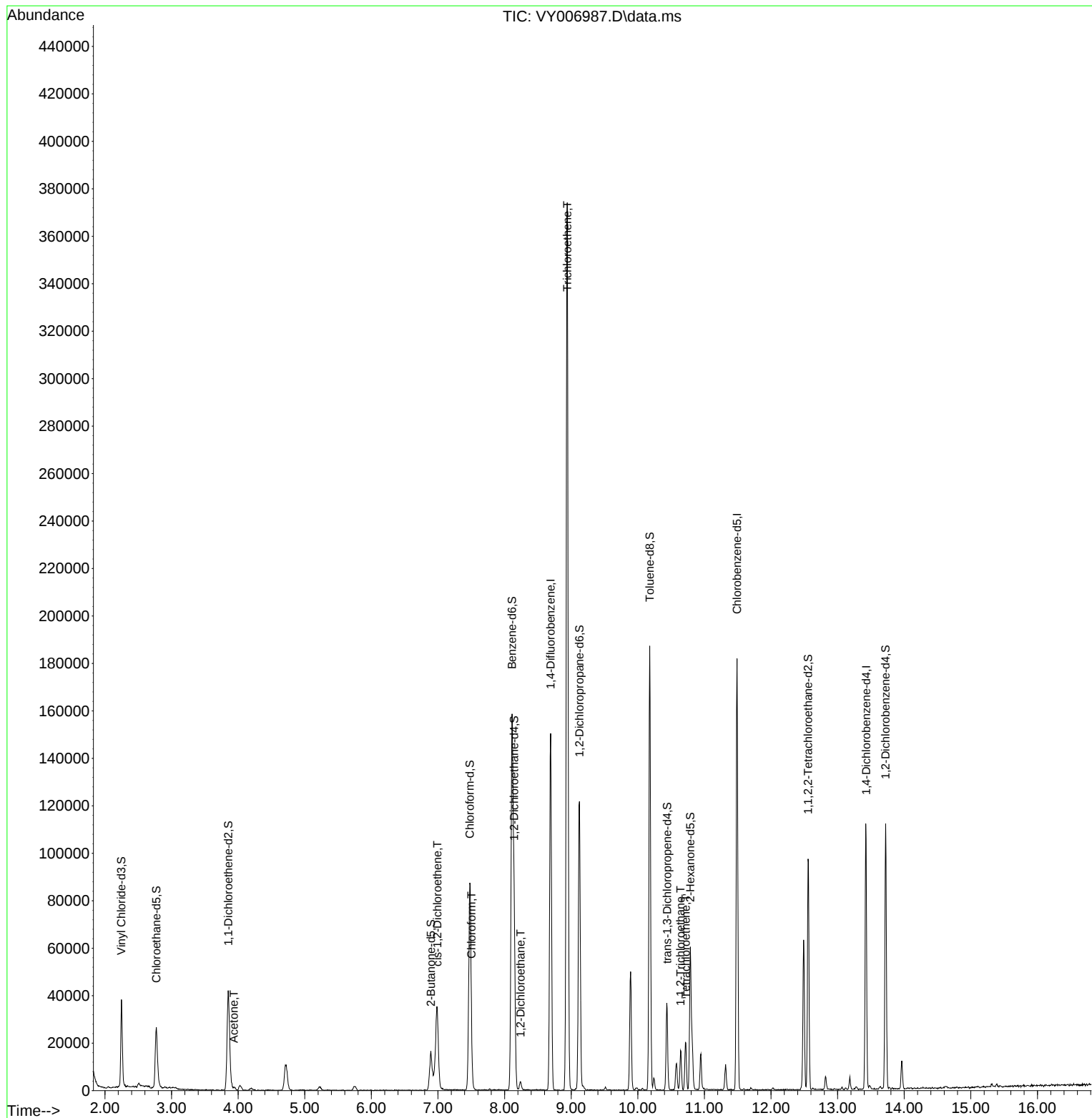
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	118489	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	90243	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	26999	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	36176	23.706	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.840%
7) Chloroethane-d5	2.771	69	33243	27.769	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.080%
11) 1,1-Dichloroethene-d2	3.850	63	41752	13.160	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.640%
21) 2-Butanone-d5	6.893	46	26146	44.359	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.720%
24) Chloroform-d	7.478	84	82301	27.871	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.480%
26) 1,2-Dichloroethane-d4	8.142	65	52497	29.618	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.480%
32) Benzene-d6	8.112	84	150445	31.384	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	125.520%
36) 1,2-Dichloropropane-d6	9.124	67	57082	37.899	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	151.600%#
41) Toluene-d8	10.179	98	114510	25.505	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.000%
43) trans-1,3-Dichloroprop...	10.441	79	17455	23.960	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.840%
47) 2-Hexanone-d5	10.788	63	17706	50.793	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.580%
56) 1,1,2,2-Tetrachloroeth...	12.556	84	45671	36.397	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	145.600%#
66) 1,2-Dichlorobenzene-d4	13.721	152	25405	28.854	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.400%
Target Compounds						
					Qvalue	
13) Acetone	3.936	43	1838	3.403	ug/L	62
20) cis-1,2-Dichloroethene	6.990	96	17463	9.526	ug/L	95
25) Chloroform	7.502	83	2656	0.820	ug/L	82
27) 1,2-Dichloroethane	8.240	62	3051	1.300	ug/L #	92
34) Trichloroethene	8.941	95	121976	81.622	ug/L	94
45) 1,1,2-Trichloroethane	10.642	97	4978	4.344	ug/L	91
46) Tetrachloroethene	10.721	164	4141	3.307	ug/L	95

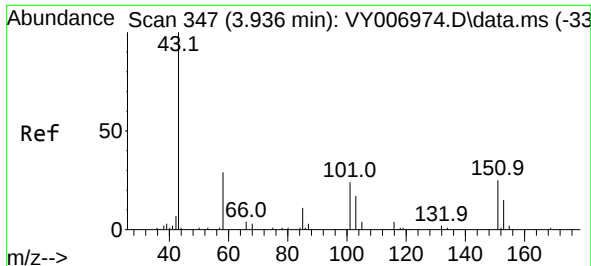
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 07 04:00:28 2021
Response via : Initial Calibration





#13

Acetone

Concen: 3.403 ug/L

RT: 3.936 min Scan# 347

Delta R.T. -0.000 min

Lab File: VY006987.D

Acq: 07 Dec 2021 02:50

Instrument :

MSVOA_Y

ClientSampleId :

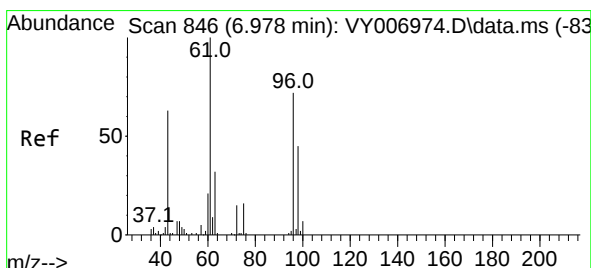
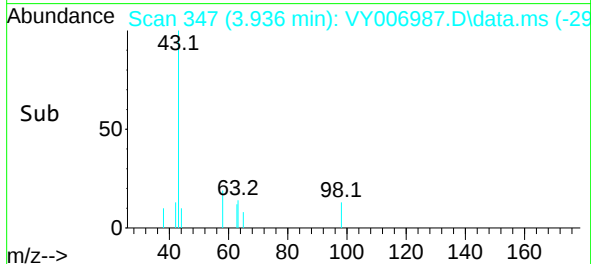
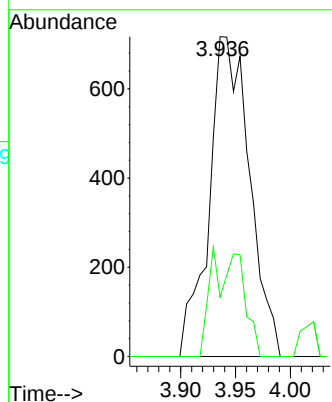
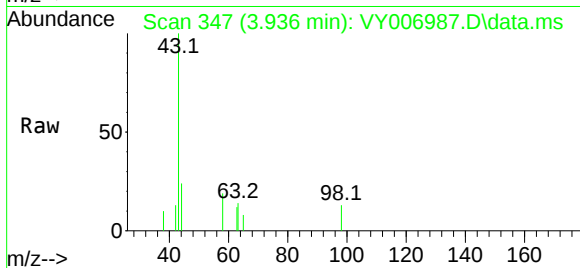
EW9K2RE

Tgt Ion: 43 Resp: 1838

Ion Ratio Lower Upper

43 100

58 9.8 0.0 60.8



#20

cis-1,2-Dichloroethene

Concen: 9.526 ug/L

RT: 6.990 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY006987.D

Acq: 07 Dec 2021 02:50

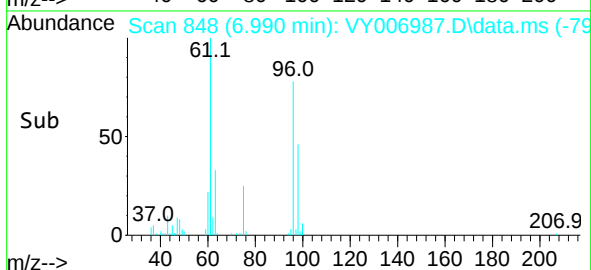
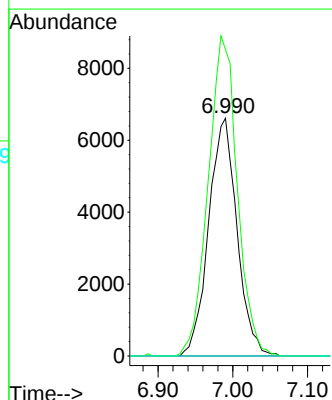
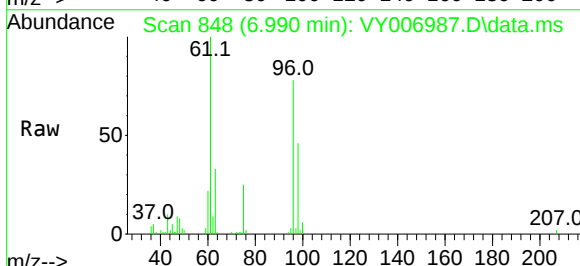
Tgt Ion: 96 Resp: 17463

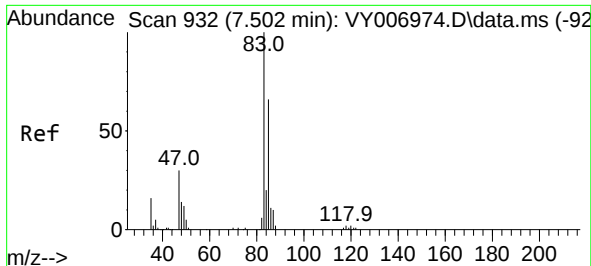
Ion Ratio Lower Upper

96 100

61 128.8 94.2 175.0

68 0.0 0.0 0.0

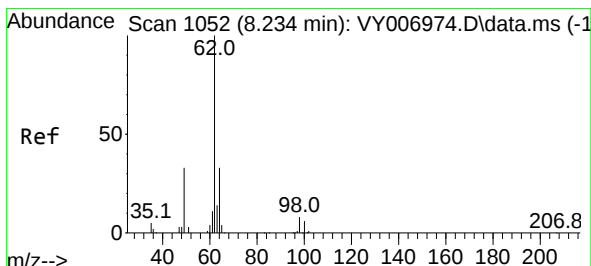
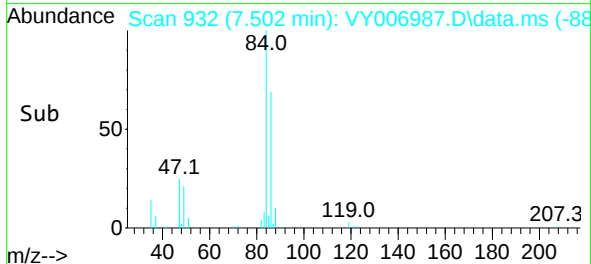
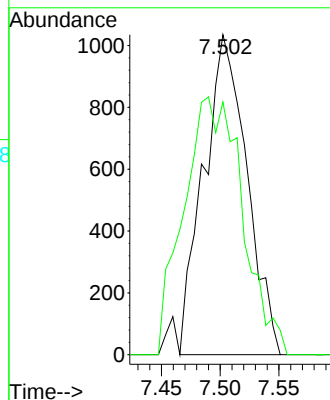
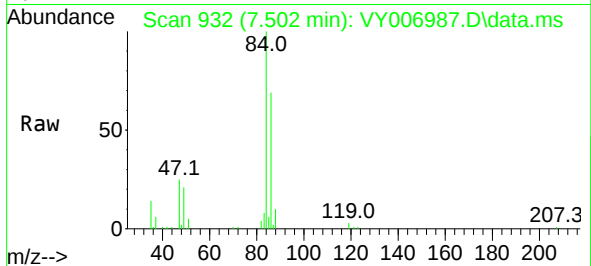




#25
Chloroform
Concen: 0.820 ug/L
RT: 7.502 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006987.D
Acq: 07 Dec 2021 02:50

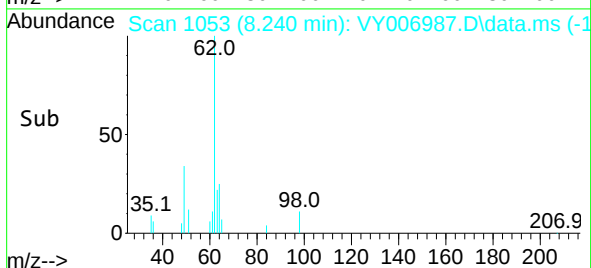
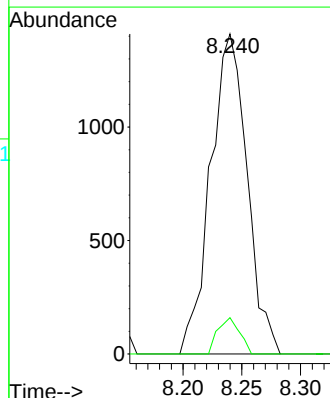
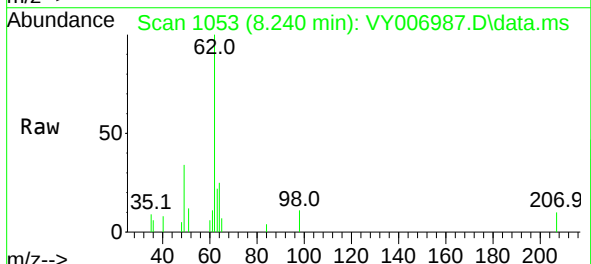
Instrument :
MSVOA_Y
ClientSampleId :
EW9K2RE

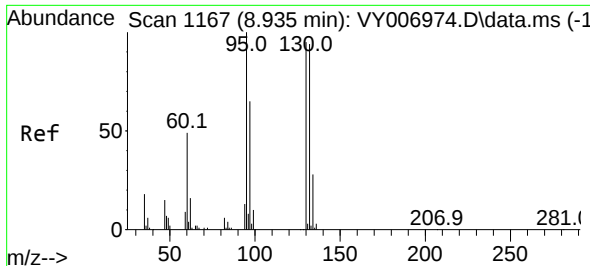
Tgt Ion: 83 Resp: 2656
Ion Ratio Lower Upper
83 100
85 78.9 45.4 84.2



#27
1,2-Dichloroethane
Concen: 1.300 ug/L
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY006987.D
Acq: 07 Dec 2021 02:50

Tgt Ion: 62 Resp: 3051
Ion Ratio Lower Upper
62 100
98 11.3 6.9 10.3#



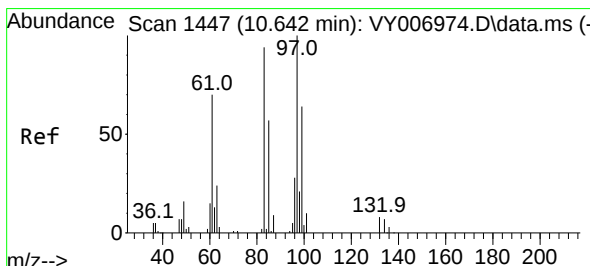
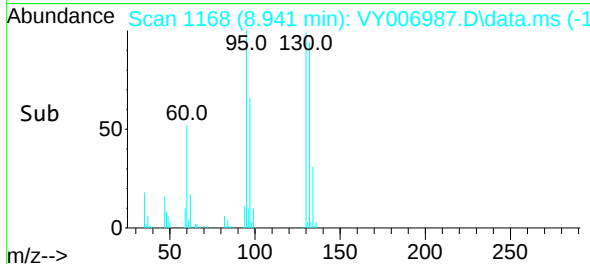
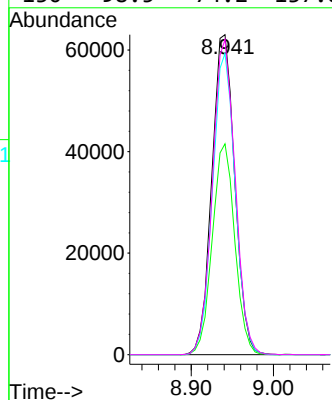
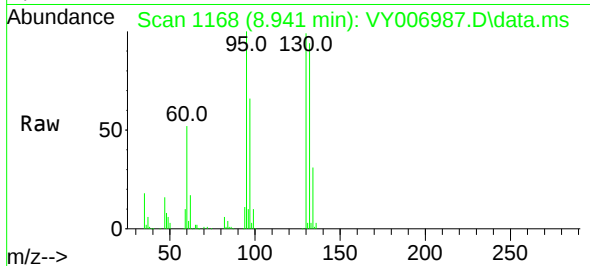


#34
 Trichloroethene
 Concen: 81.622 ug/L
 RT: 8.941 min Scan# 1168
 Delta R.T. 0.006 min
 Lab File: VY006987.D
 Acq: 07 Dec 2021 02:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9K2RE

Tgt Ion: 95 Resp: 121976

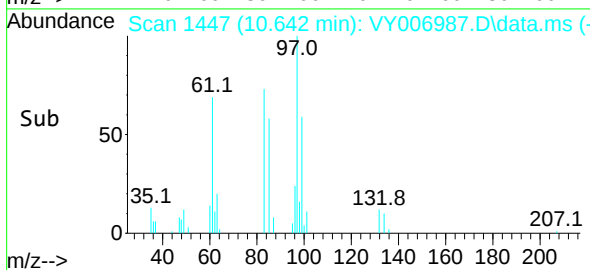
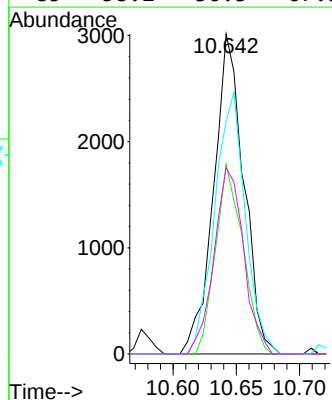
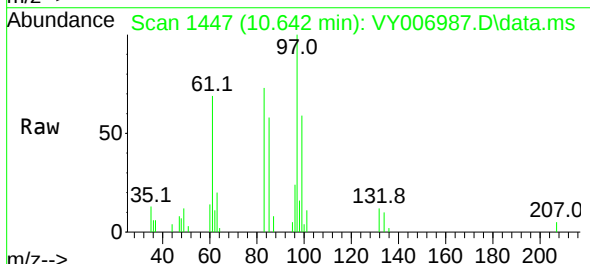
Ion	Ratio	Lower	Upper
95	100		
97	65.9	47.3	87.8
132	94.2	71.3	132.5
130	98.5	74.2	137.8

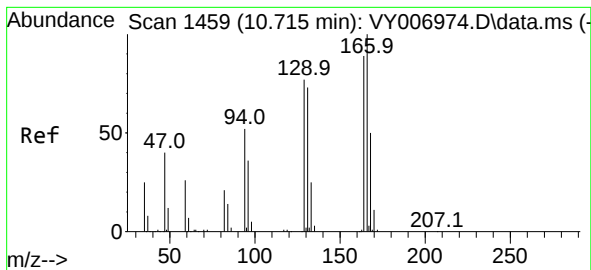


#45
 1,1,2-Trichloroethane
 Concen: 4.344 ug/L
 RT: 10.642 min Scan# 1447
 Delta R.T. -0.000 min
 Lab File: VY006987.D
 Acq: 07 Dec 2021 02:50

Tgt Ion: 97 Resp: 4978

Ion	Ratio	Lower	Upper
97	100		
99	59.3	43.0	79.8
83	72.6	58.9	109.3
85	58.2	36.3	67.3





#46

Tetrachloroethene

Concen: 3.307 ug/L

RT: 10.721 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY006987.D

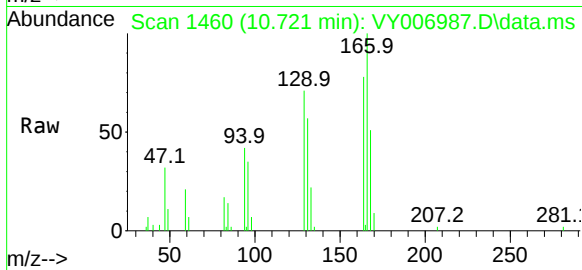
Acq: 07 Dec 2021 02:50

Instrument :

MSVOA_Y

ClientSampleId :

EW9K2RE



Tgt Ion:164 Resp: 4141

Ion Ratio Lower Upper

164 100

129 91.5 62.1 115.3

131 73.8 61.0 113.2

166 129.0 90.4 168.0

