

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
 Data File : VY006945.D
 Acq On : 04 Dec 2021 16:31
 Operator : SY/MD
 Sample : M4884-15
 Misc : 5.30g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9K1

Quant Time: Dec 05 06:08:26 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)

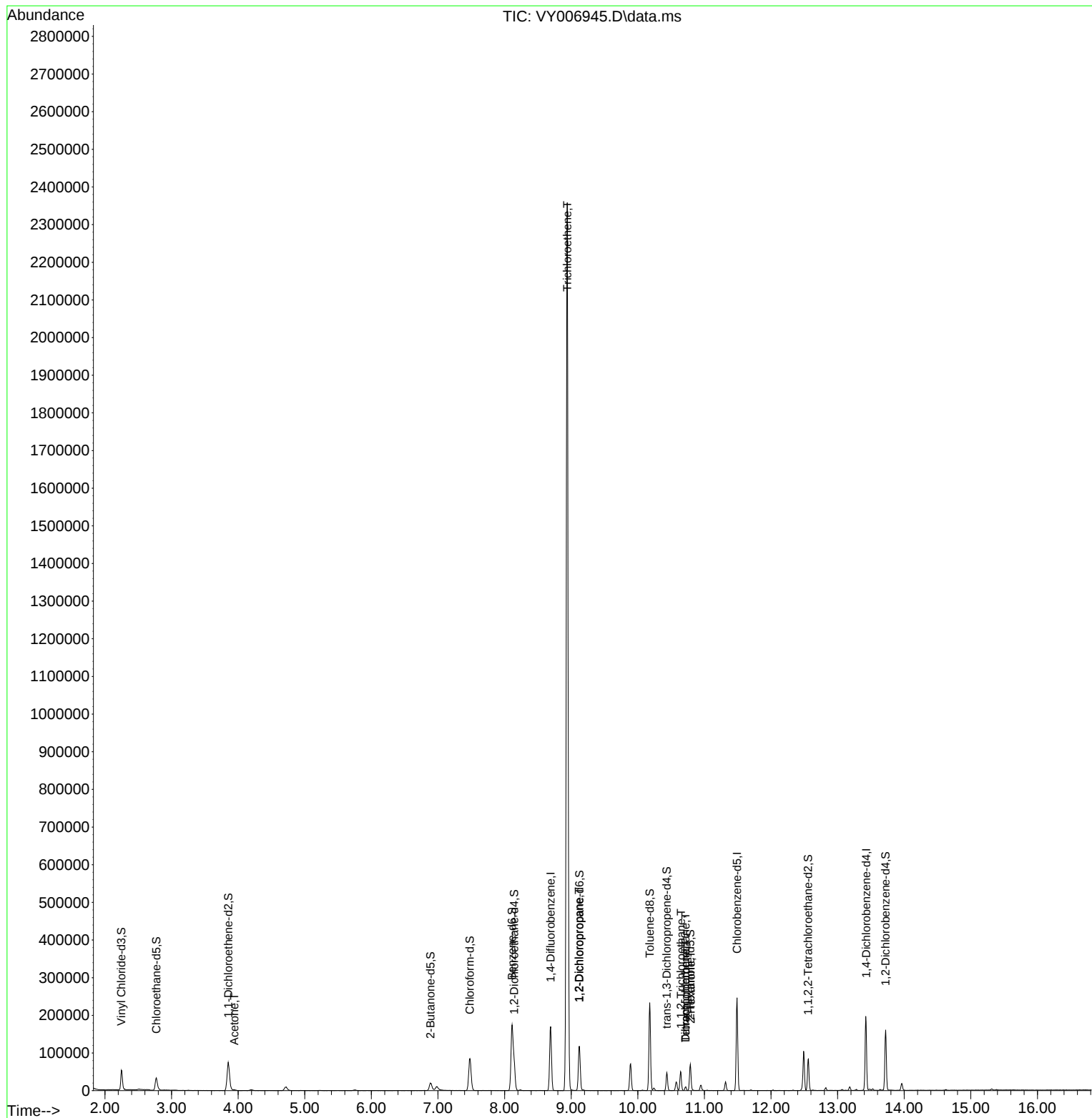
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	133539	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	124553	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	49321	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	55636	32.349	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	129.400%
7) Chloroethane-d5	2.772	69	40382	29.931	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.720%
11) 1,1-Dichloroethene-d2	3.851	63	73606	20.586	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.360%
21) 2-Butanone-d5	6.887	46	36862	55.492	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.980%
24) Chloroform-d	7.478	84	85775	25.774	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.080%
26) 1,2-Dichloroethane-d4	8.143	65	51105	25.583	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.320%
32) Benzene-d6	8.112	84	159803	24.153	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	9.124	67	54927	26.423	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.680%
41) Toluene-d8	10.179	98	142071	22.927	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.720%
43) trans-1,3-Dichloroprop...	10.435	79	23704	23.575	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.280%
47) 2-Hexanone-d5	10.788	63	23002	47.809	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.620%
56) 1,1,2,2-Tetrachloroeth...	12.556	84	39398	22.749	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	13.721	152	39481	24.547	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.200%
Target Compounds						
					Qvalue	
13) Acetone	3.942	43	3152	5.177	ug/L	91
34) Trichloroethene	8.941	95	754680	365.895	ug/L	95
37) 1,2-Dichloropropane	9.118	63	6029	2.809	ug/L #	87
45) 1,1,2-Trichloroethane	10.648	97	13655	8.634	ug/L	98
46) Tetrachloroethene	10.715	164	2082	1.205	ug/L	88
48) 2-Hexanone	10.795	43	3554	2.876	ug/L #	61
49) Dibromochloromethane	10.715	129	1593	0.828	ug/L #	12

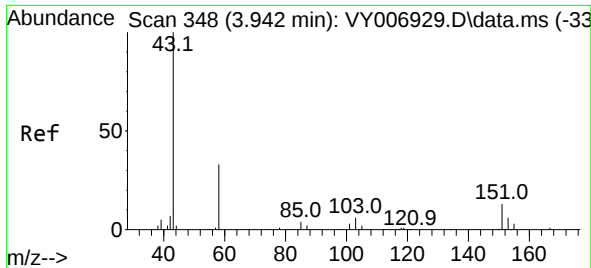
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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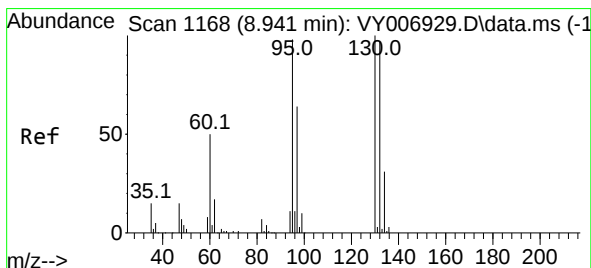
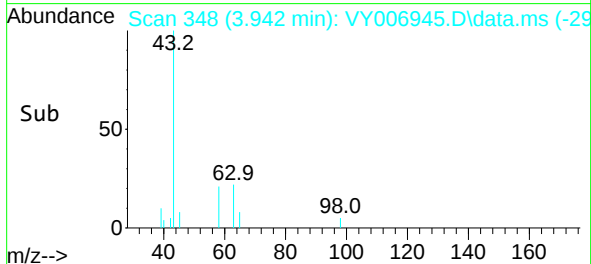
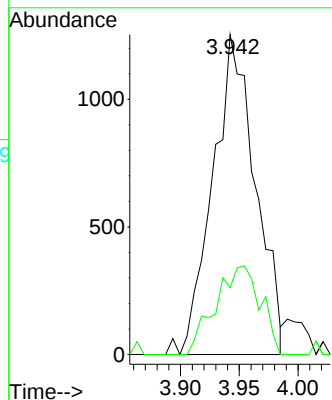
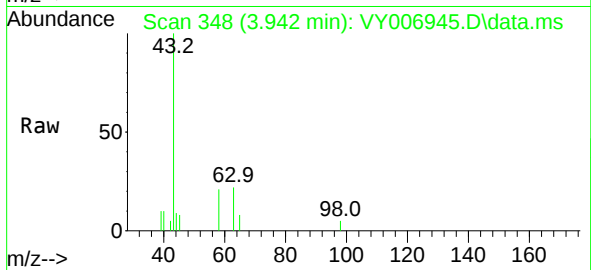




#13
Acetone
Concen: 5.177 ug/L
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY006945.D
Acq: 04 Dec 2021 16:31

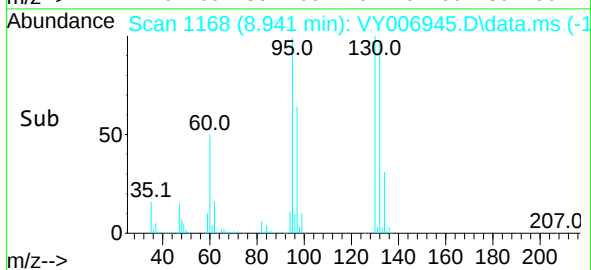
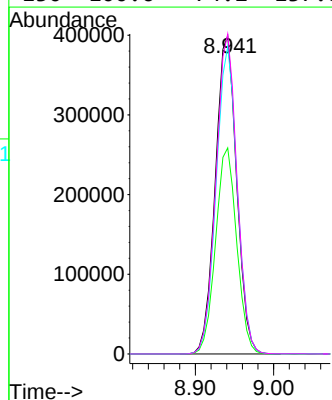
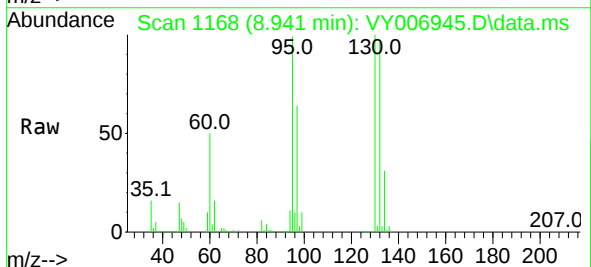
Instrument :
MSVOA_Y
ClientSampleId :
EW9K1

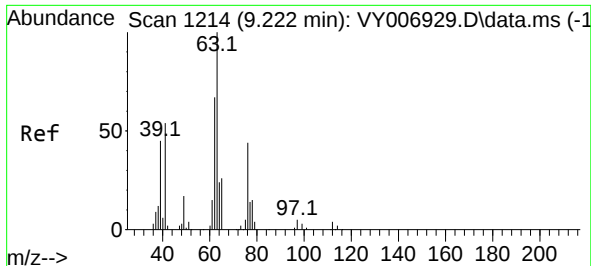
Tgt Ion: 43 Resp: 3152
Ion Ratio Lower Upper
43 100
58 25.4 0.0 60.8



#34
Trichloroethene
Concen: 365.895 ug/L
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY006945.D
Acq: 04 Dec 2021 16:31

Tgt Ion: 95 Resp: 754680
Ion Ratio Lower Upper
95 100
97 64.8 47.3 87.8
132 96.6 71.3 132.5
130 100.6 74.2 137.8





#37

1,2-Dichloropropane

Concen: 2.809 ug/L

RT: 9.118 min Scan# 1197

Delta R.T. -0.098 min

Lab File: VY006945.D

Acq: 04 Dec 2021 16:31

Instrument :

MSVOA_Y

ClientSampleId :

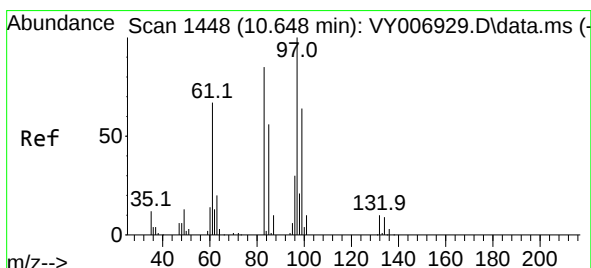
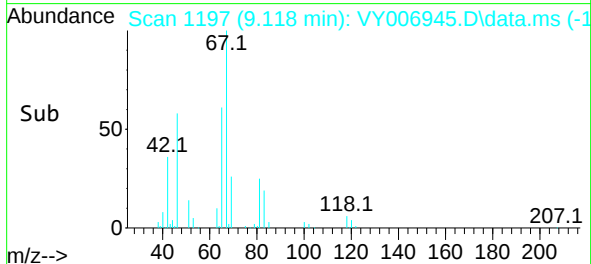
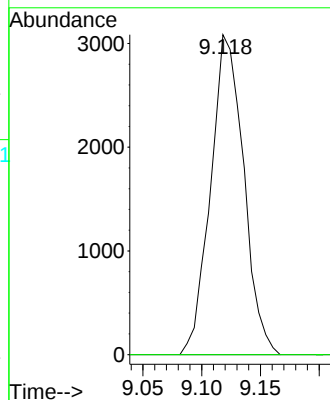
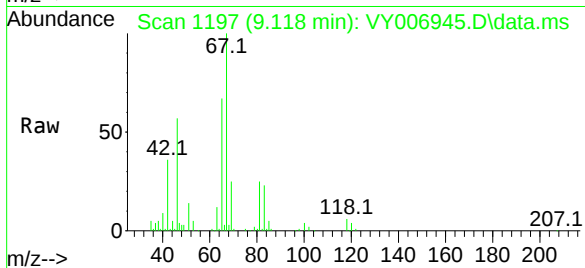
EW9K1

Tgt Ion: 63 Resp: 6029

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#45

1,1,2-Trichloroethane

Concen: 8.634 ug/L

RT: 10.648 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VY006945.D

Acq: 04 Dec 2021 16:31

Tgt Ion: 97 Resp: 13655

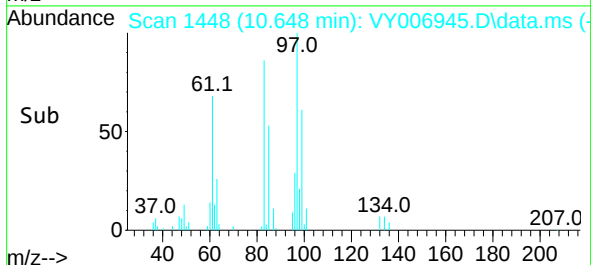
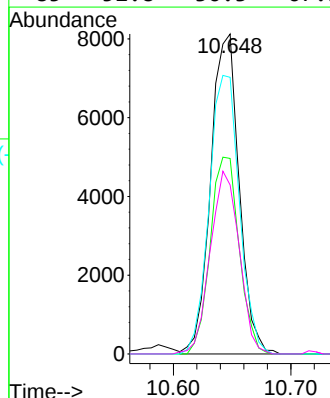
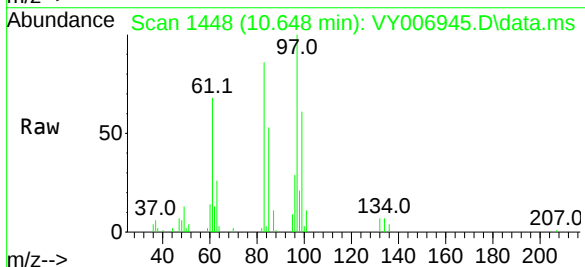
Ion Ratio Lower Upper

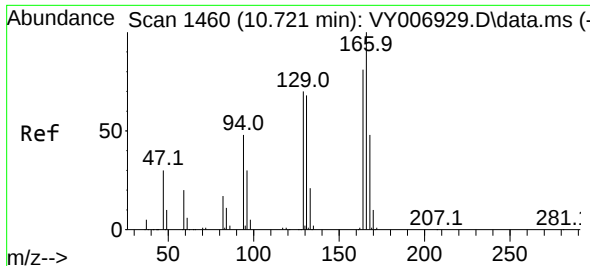
97 100

99 61.1 43.0 79.8

83 86.5 58.9 109.3

85 52.8 36.3 67.3

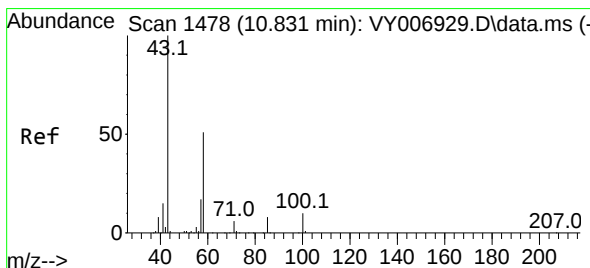
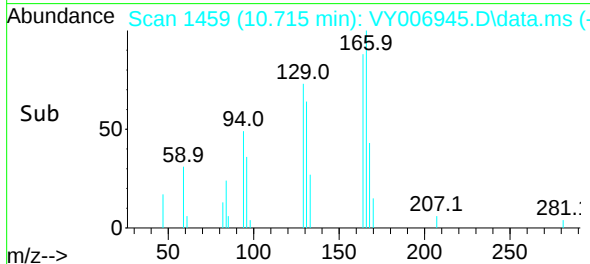
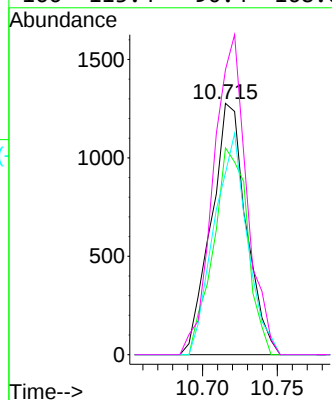
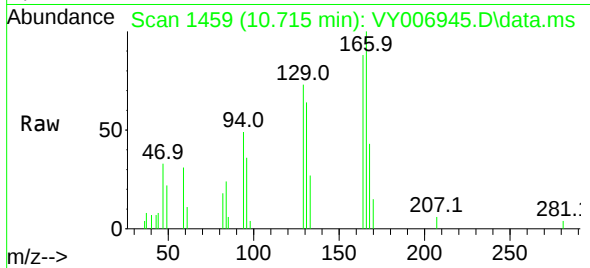




#46
Tetrachloroethene
Concen: 1.205 ug/L
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY006945.D
Acq: 04 Dec 2021 16:31

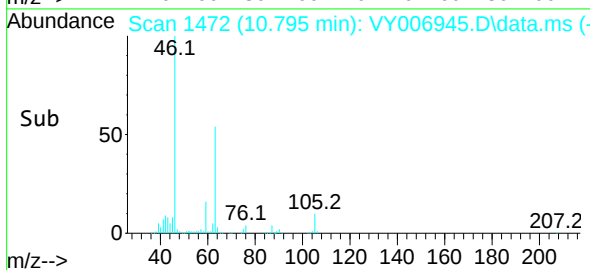
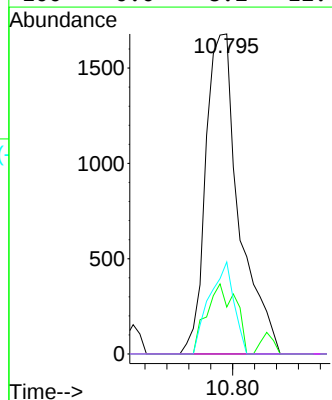
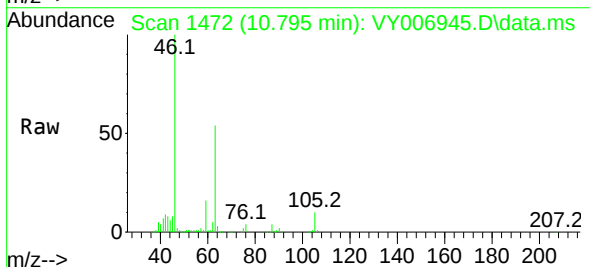
Instrument :
MSVOA_Y
ClientSampleId :
EW9K1

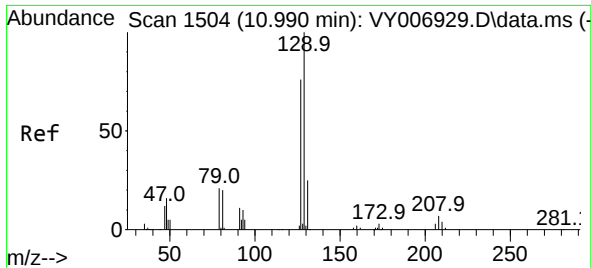
Tgt Ion:	164	Resp:	2082
Ion	Ratio	Lower	Upper
164	100		
129	82.2	62.1	115.3
131	72.3	61.0	113.2
166	113.4	90.4	168.0



#48
2-Hexanone
Concen: 2.876 ug/L
RT: 10.795 min Scan# 1472
Delta R.T. -0.037 min
Lab File: VY006945.D
Acq: 04 Dec 2021 16:31

Tgt Ion:	43	Resp:	3554
Ion	Ratio	Lower	Upper
43	100		
58	13.3	39.9	59.9#
57	21.3	14.2	21.4
100	0.0	8.2	12.4#





#49

Dibromochloromethane

Concen: 0.828 ug/L

RT: 10.715 min Scan# 14

Delta R.T. -0.268 min

Lab File: VY006945.D

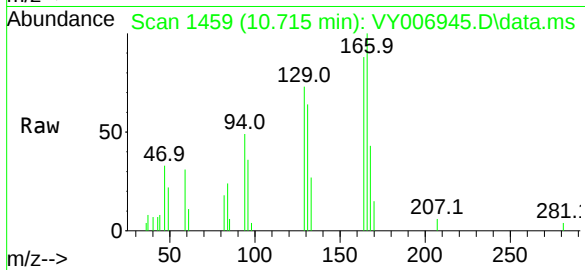
Acq: 04 Dec 2021 16:31

Instrument :

MSVOA_Y

ClientSampleId :

EW9K1



Tgt Ion:129 Resp: 1593

Ion Ratio Lower Upper

129 100

127 0.0 52.1 96.9#

