

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
 Data File : VY006944.D
 Acq On : 04 Dec 2021 16:09
 Operator : SY/MD
 Sample : M4884-14
 Misc : 3.31g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9K0

Quant Time: Dec 05 06:08:20 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)

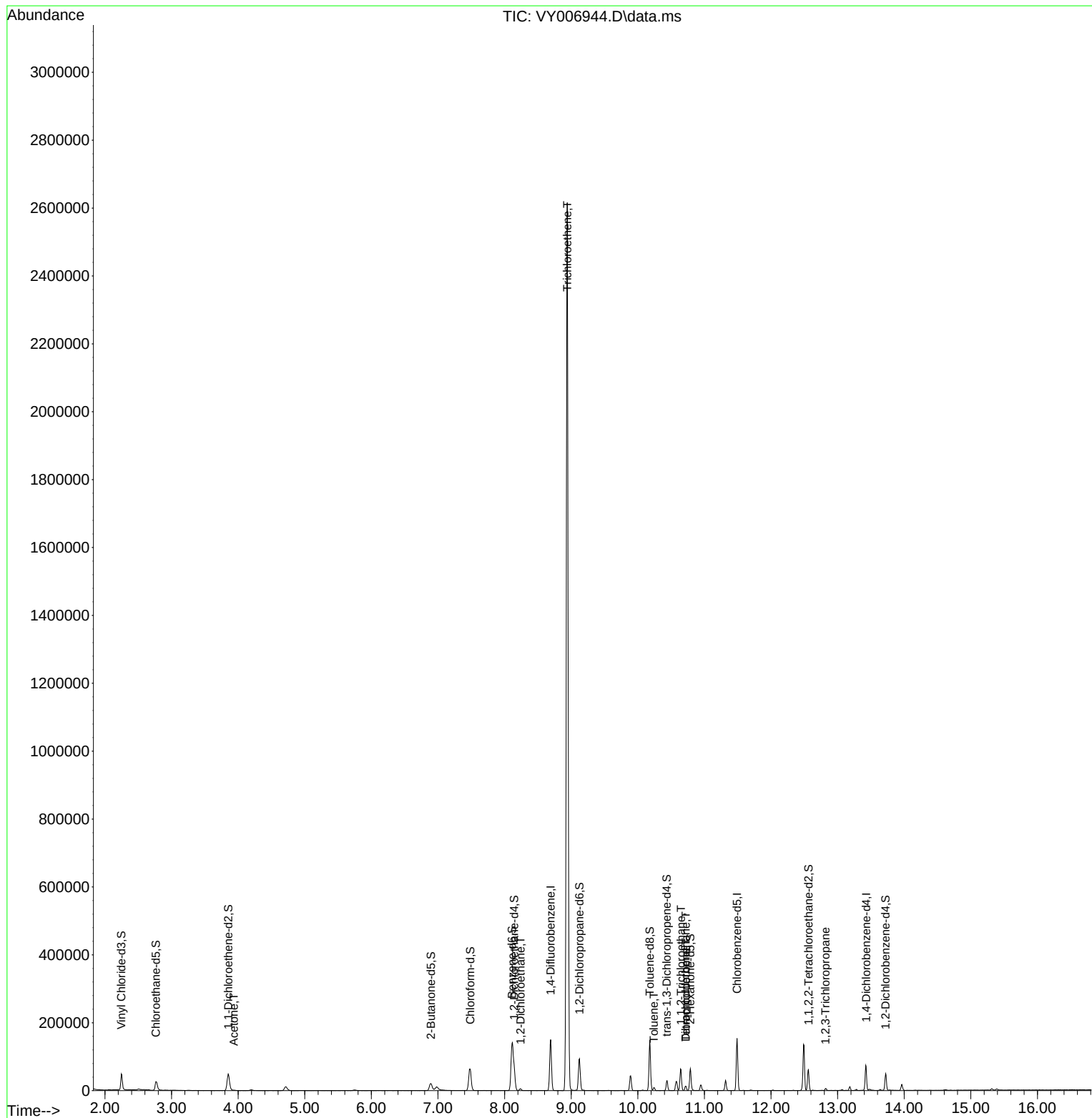
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	114824	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	74919	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	17464	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	45843	30.999	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	124.000%
7) Chloroethane-d5	2.765	69	32294	27.838	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.360%
11) 1,1-Dichloroethene-d2	3.850	63	47146	15.335	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.320%
21) 2-Butanone-d5	6.892	46	39420	69.014	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.020%#
24) Chloroform-d	7.484	84	64892	22.677	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.720%
26) 1,2-Dichloroethane-d4	8.142	65	43126	25.108	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.440%
32) Benzene-d6	8.112	84	126719	31.842	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	127.360%
36) 1,2-Dichloropropane-d6	9.124	67	42959	34.356	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	137.440%#
41) Toluene-d8	10.178	98	86737	23.270	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.080%
43) trans-1,3-Dichloroprop...	10.435	79	14941	24.704	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.800%
47) 2-Hexanone-d5	10.788	63	19676	67.990	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.980%#
56) 1,1,2,2-Tetrachloroeth...	12.562	84	29597	28.411	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.640%
66) 1,2-Dichlorobenzene-d4	13.720	152	11696	20.537	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.160%
Target Compounds						Qvalue
13) Acetone	3.936	43	998	1.907	ug/L	81
27) 1,2-Dichloroethane	8.240	62	4556	2.003	ug/L	97
34) Trichloroethene	8.941	95	837212	674.825	ug/L	94
42) Toluene	10.239	91	6280	1.169	ug/L	93
45) 1,1,2-Trichloroethane	10.648	97	17558	18.457	ug/L	93
46) Tetrachloroethene	10.721	164	2743	2.639	ug/L	94
49) Dibromochloromethane	10.721	129	2461	2.126	ug/L #	12
61) 1,2,3-Trichloropropane	12.818	75	369	0.869	ug/L #	39

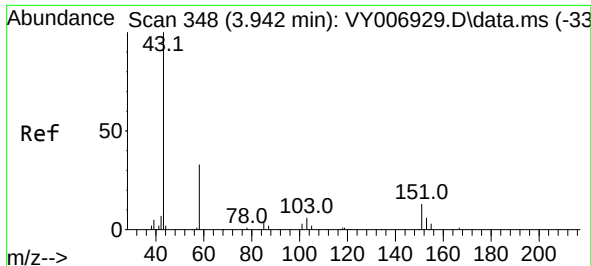
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
Data File : VY006944.D
Acq On : 04 Dec 2021 16:09
Operator : SY/MD
Sample : M4884-14
Misc : 3.31g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9K0

Quant Time: Dec 05 06:08:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120321SMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 04 02:26:29 2021
Response via : Initial Calibration





#13

Acetone

Concen: 1.907 ug/L

RT: 3.936 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY006944.D

Acq: 04 Dec 2021 16:09

Instrument :

MSVOA_Y

ClientSampleId :

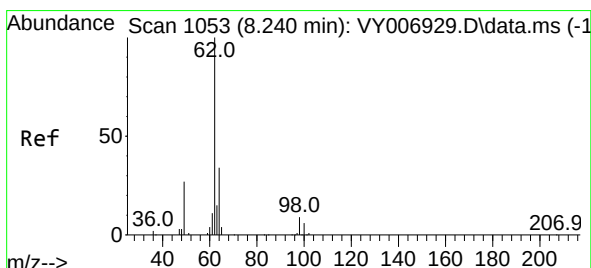
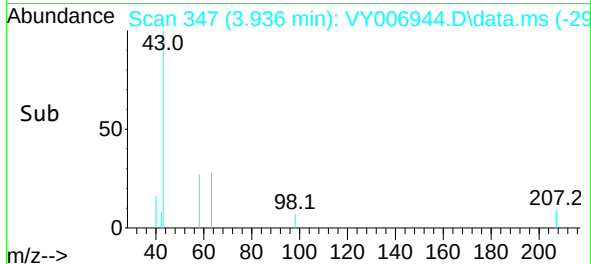
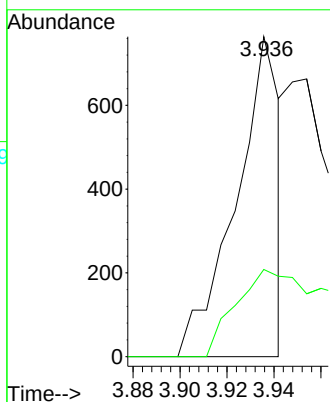
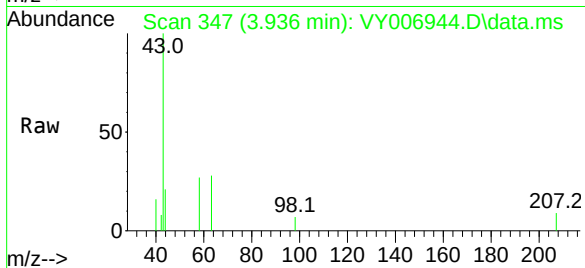
EW9K0

Tgt Ion: 43 Resp: 998

Ion Ratio Lower Upper

43 100

58 40.8 0.0 60.8



#27

1,2-Dichloroethane

Concen: 2.003 ug/L

RT: 8.240 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VY006944.D

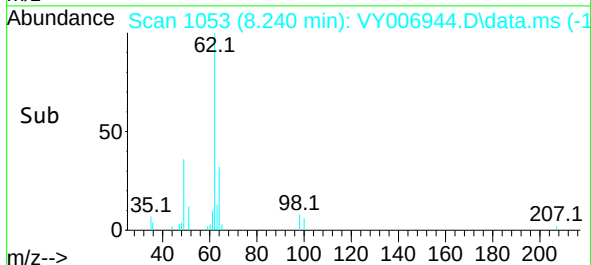
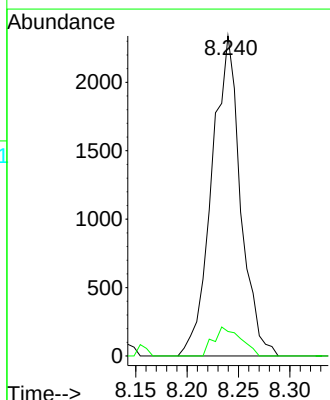
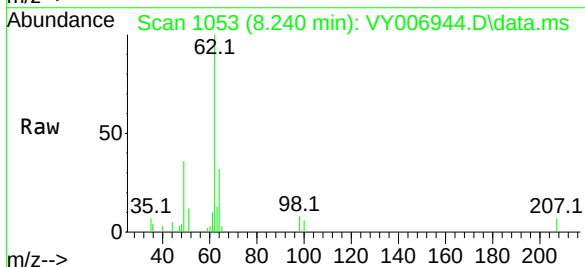
Acq: 04 Dec 2021 16:09

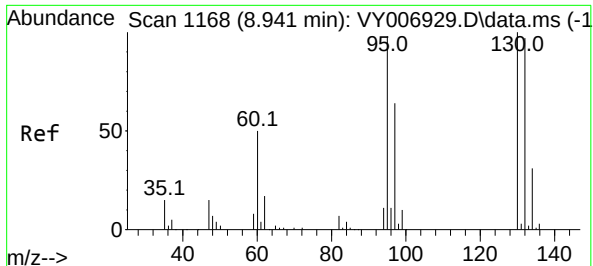
Tgt Ion: 62 Resp: 4556

Ion Ratio Lower Upper

62 100

98 7.7 6.9 10.3

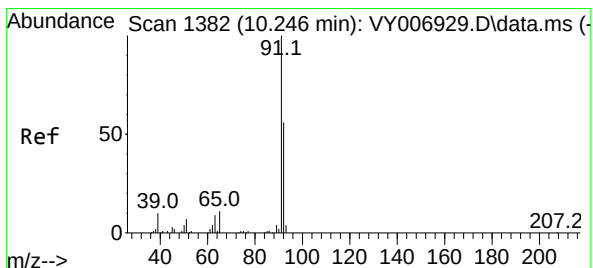
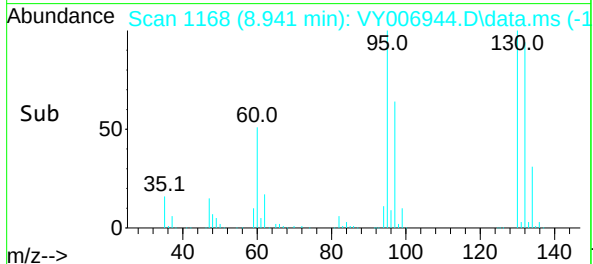
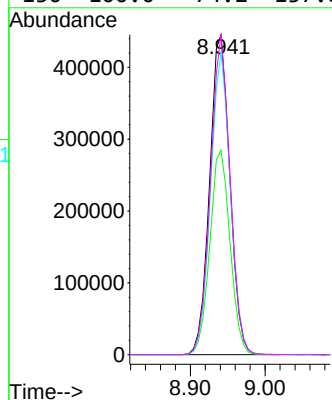
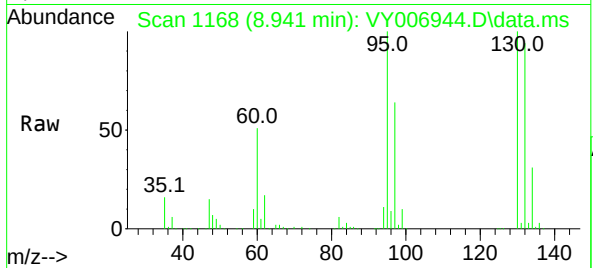




#34
Trichloroethene
Concen: 674.825 ug/L
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY006944.D
Acq: 04 Dec 2021 16:09

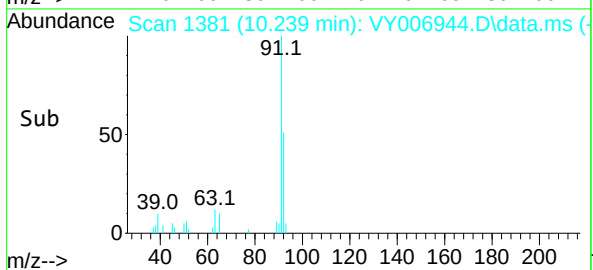
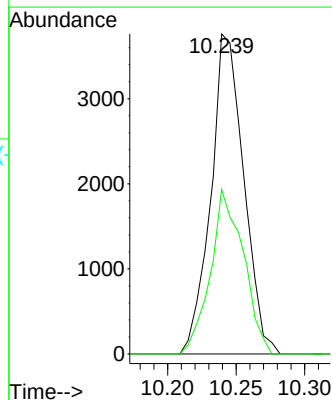
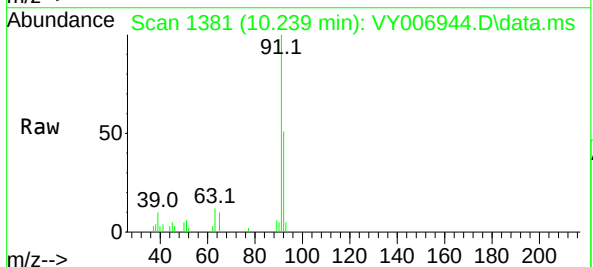
Instrument :
MSVOA_Y
ClientSampleId :
EW9K0

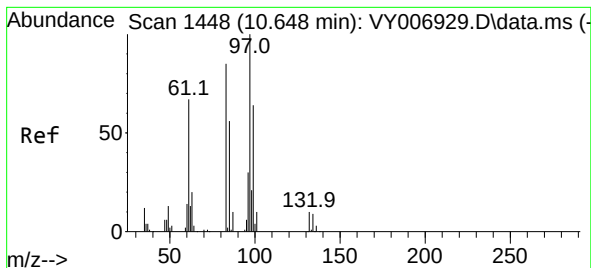
Tgt Ion: 95 Resp: 837212
Ion Ratio Lower Upper
95 100
97 63.8 47.3 87.8
132 94.4 71.3 132.5
130 100.0 74.2 137.8



#42
Toluene
Concen: 1.169 ug/L
RT: 10.239 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY006944.D
Acq: 04 Dec 2021 16:09

Tgt Ion: 91 Resp: 6280
Ion Ratio Lower Upper
91 100
92 51.4 39.8 74.0





#45

1,1,2-Trichloroethane

Concen: 18.457 ug/L

RT: 10.648 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VY006944.D

Acq: 04 Dec 2021 16:09

Instrument :

MSVOA_Y

ClientSampleId :

EW9K0

Tgt Ion: 97 Resp: 17558

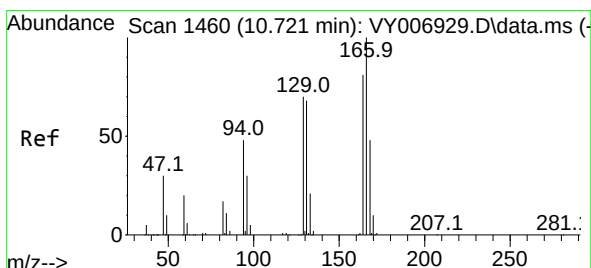
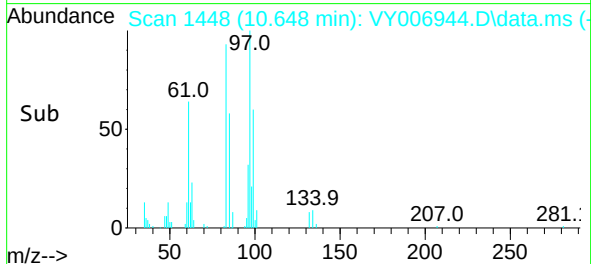
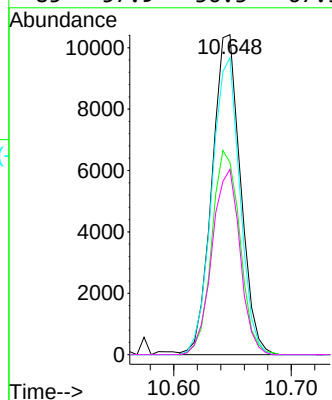
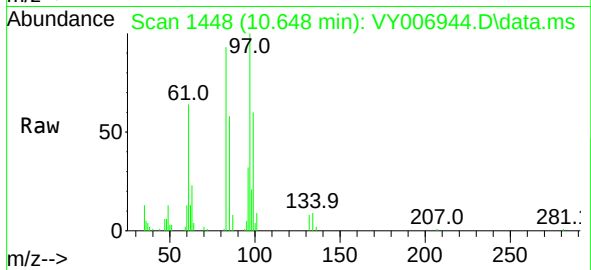
Ion Ratio Lower Upper

97 100

99 60.1 43.0 79.8

83 92.8 58.9 109.3

85 57.9 36.3 67.3



#46

Tetrachloroethene

Concen: 2.639 ug/L

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY006944.D

Acq: 04 Dec 2021 16:09

Tgt Ion:164 Resp: 2743

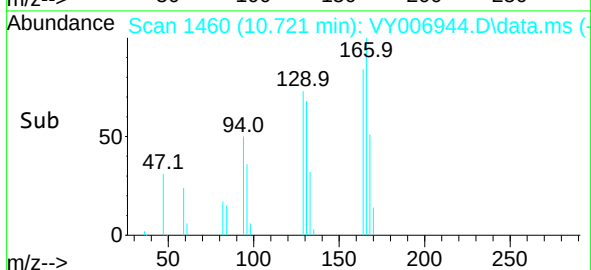
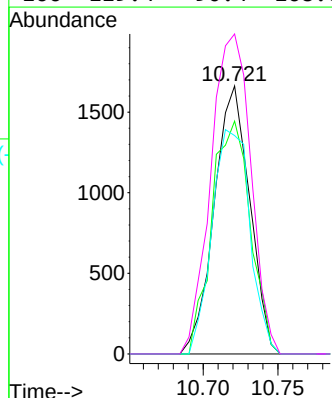
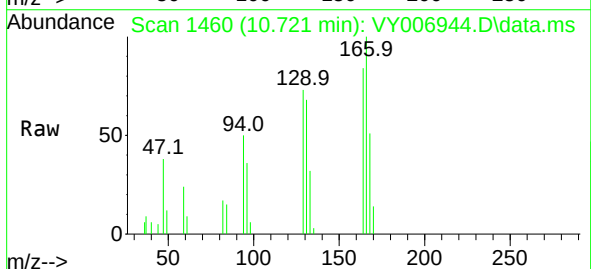
Ion Ratio Lower Upper

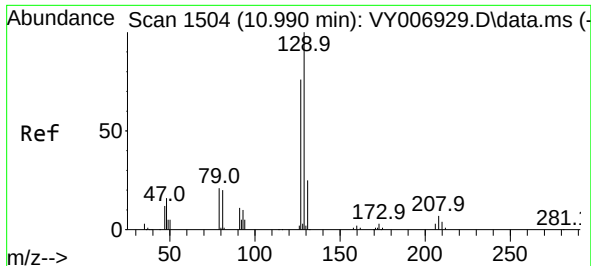
164 100

129 86.9 62.1 115.3

131 81.5 61.0 113.2

166 119.4 90.4 168.0

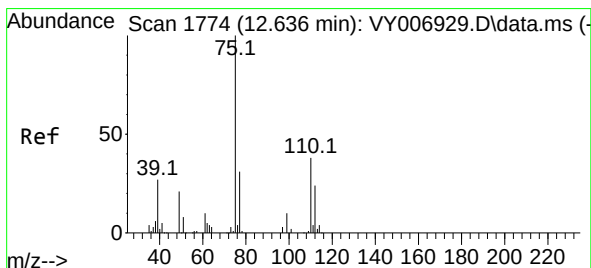
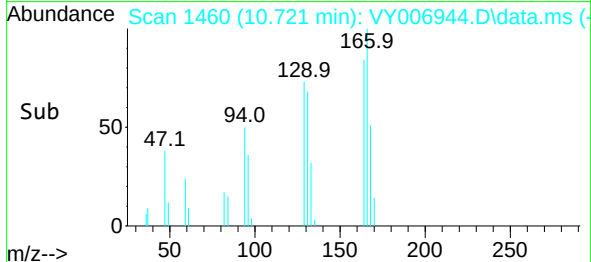
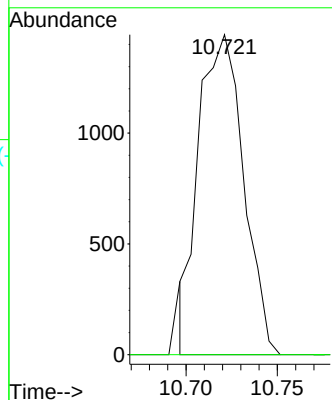
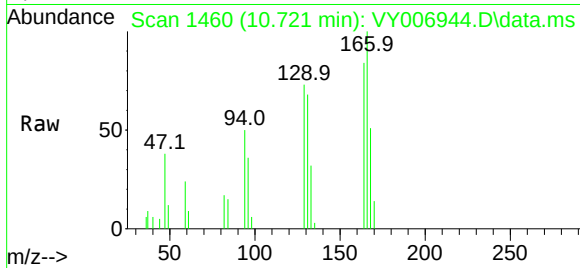




#49
Dibromochloromethane
Concen: 2.126 ug/L
RT: 10.721 min Scan# 14
Delta R.T. -0.263 min
Lab File: VY006944.D
Acq: 04 Dec 2021 16:09

Instrument :
MSVOA_Y
ClientSampleId :
EW9K0

Tgt Ion:129 Resp: 2461
Ion Ratio Lower Upper
129 100
127 0.0 52.1 96.9#



#61
1,2,3-Trichloropropane
Concen: 0.869 ug/L
RT: 12.818 min Scan# 1804
Delta R.T. 0.189 min
Lab File: VY006944.D
Acq: 04 Dec 2021 16:09

Tgt Ion: 75 Resp: 369
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#
110 0.0 31.7 47.5#

