

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
 Data File : VU046342.D
 Acq On : 14 Dec 2021 01:19
 Operator : SY/MD
 Sample : M4975-06DL 400X
 Misc : 6.78g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKT0DL

Quant Time: Dec 14 03:56:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 14 03:19:41 2021
 Response via : Initial Calibration

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

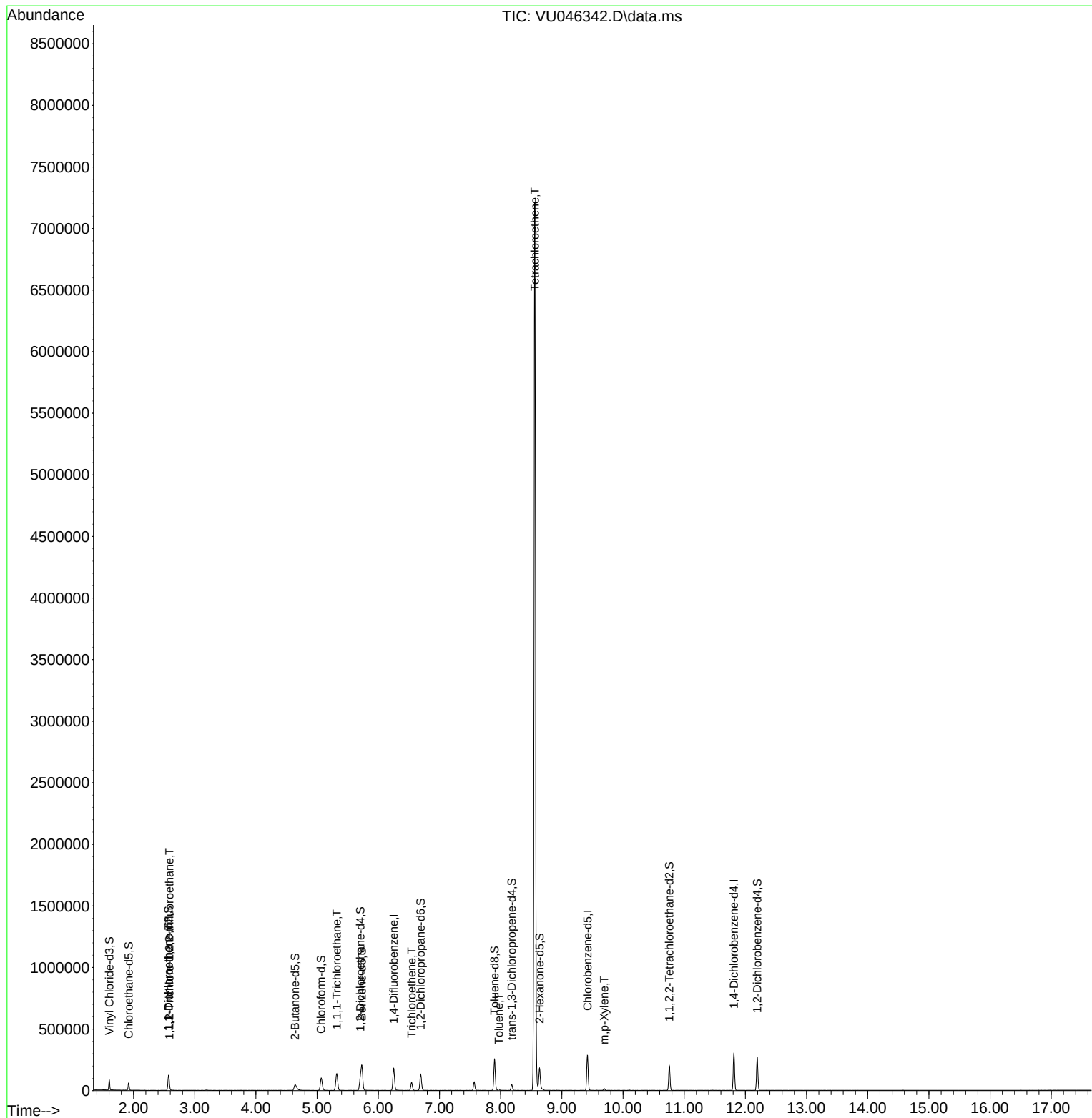
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	147454	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	159317	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	80609	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	59356	48.867	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.740%
7) Chloroethane-d5	1.919	69	41861	44.886	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.780%
11) 1,1-Dichloroethene-d2	2.572	63	74126	33.995	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.980%
21) 2-Butanone-d5	4.642	46	84155	87.154	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.150%
24) Chloroform-d	5.067	84	93490	46.090	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.180%
26) 1,2-Dichloroethane-d4	5.706	65	65989	48.475	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.960%
32) Benzene-d6	5.732	84	193921	42.468	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.940%
36) 1,2-Dichloropropane-d6	6.694	67	61707	43.604	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.200%
41) Toluene-d8	7.899	98	167700	40.336	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.680%
43) trans-1,3-Dichloroprop...	8.182	79	28070	41.089	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.180%
47) 2-Hexanone-d5	8.636	63	64904	96.729	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.730%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	95716	44.598	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	68285	43.987	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.980%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	2126	1.981	ug/L #	76
12) 1,1-Dichloroethene	2.575	96	732	0.718	ug/L #	1
30) 1,1,1-Trichloroethane	5.321	97	100052	51.161	ug/L	99
34) Trichloroethene	6.546	95	21953	17.282	ug/L	97
42) Toluene	7.973	91	8602	1.663	ug/L	91
46) Tetrachloroethene	8.558	164	1534133	1643.398	ug/L	99
53) m,p-Xylene	9.693	106	4134	1.904	ug/L	93

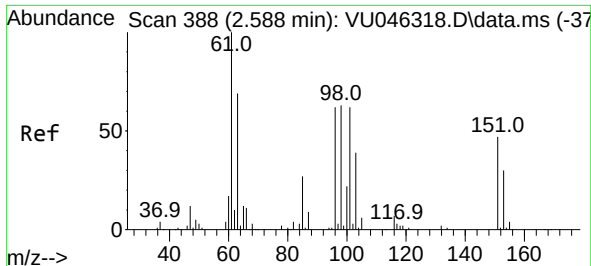
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
Data File : VU046342.D
Acq On : 14 Dec 2021 01:19
Operator : SY/MD
Sample : M4975-06DL 400X
Misc : 6.78g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKT0DL

Quant Time: Dec 14 03:56:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 14 03:19:41 2021
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.981 ug/L

RT: 2.588 min Scan# 388

Delta R.T. -0.000 min

Lab File: VU046342.D

Acq: 14 Dec 2021 01:19

Instrument :

MSVOA_U

ClientSampleId :

BGKT0DL

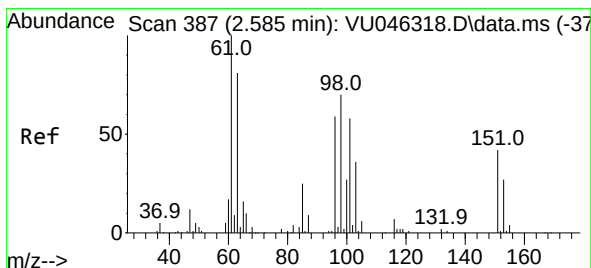
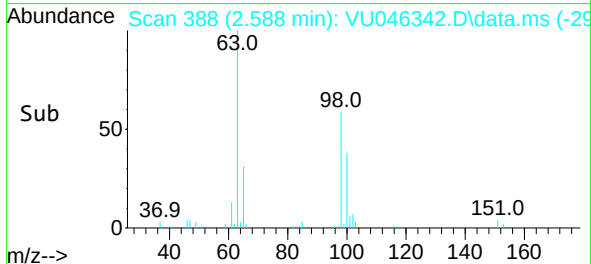
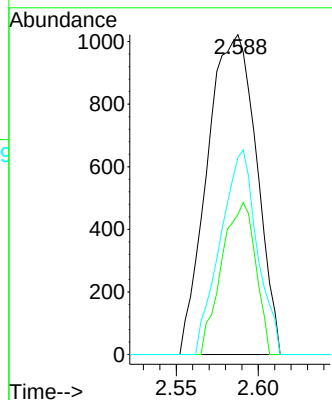
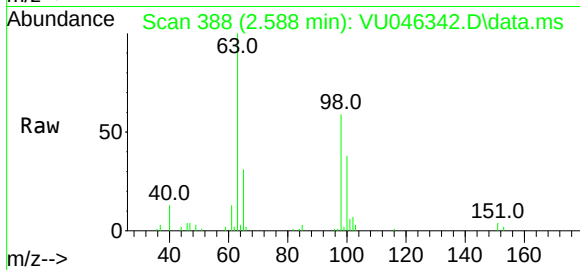
Tgt Ion:101 Resp: 2126

Ion Ratio Lower Upper

101 100

85 32.8 35.1 52.7#

151 47.9 56.7 85.1#



#12

1,1-Dichloroethene

Concen: 0.718 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.010 min

Lab File: VU046342.D

Acq: 14 Dec 2021 01:19

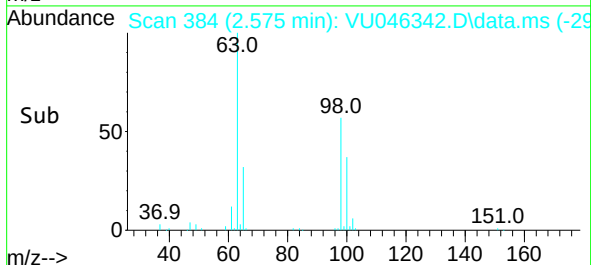
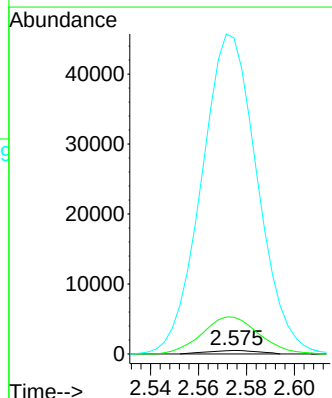
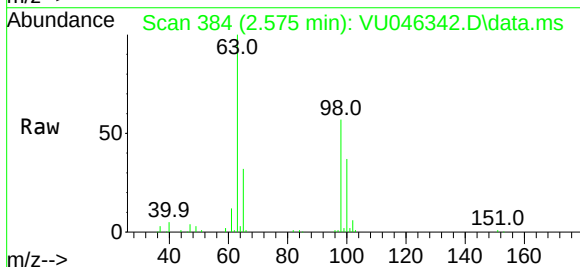
Tgt Ion: 96 Resp: 732

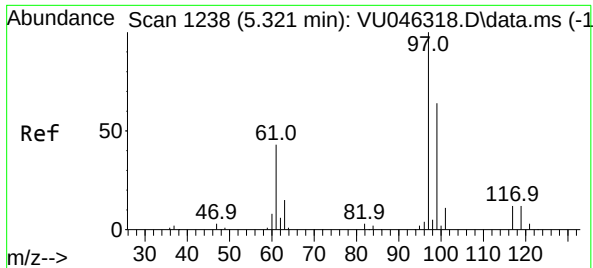
Ion Ratio Lower Upper

96 100

61 1043.3 118.6 220.2#

63 8961.9 93.0 172.8#





#30

1,1,1-Trichloroethane

Concen: 51.161 ug/L

RT: 5.321 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU046342.D

Acq: 14 Dec 2021 01:19

Instrument :

MSVOA_U

ClientSampleId :

BGKT0DL

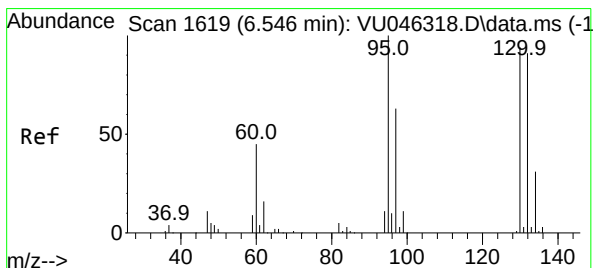
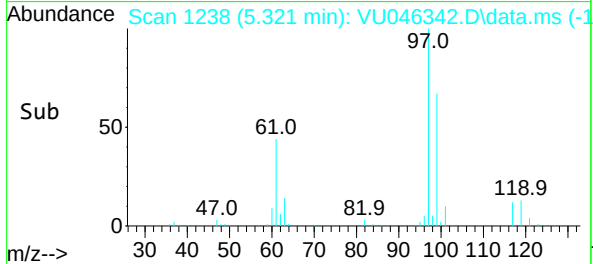
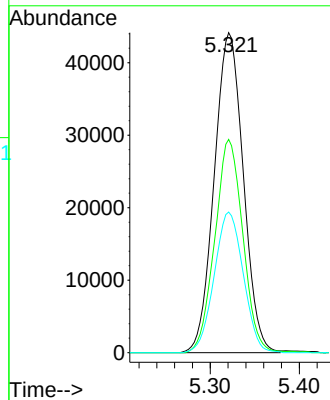
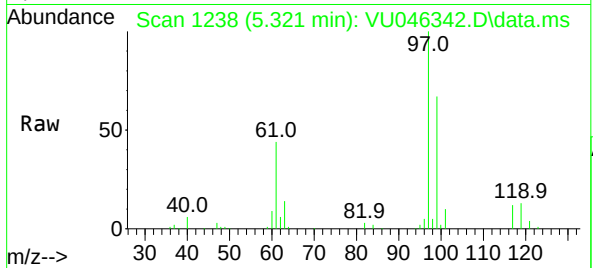
Tgt Ion: 97 Resp: 100052

Ion Ratio Lower Upper

97 100

99 64.2 51.8 77.6

61 44.0 34.4 51.6



#34

Trichloroethene

Concen: 17.282 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VU046342.D

Acq: 14 Dec 2021 01:19

Tgt Ion: 95 Resp: 21953

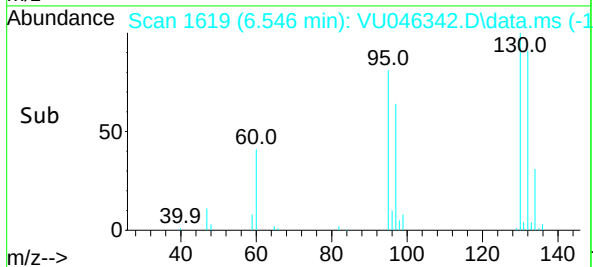
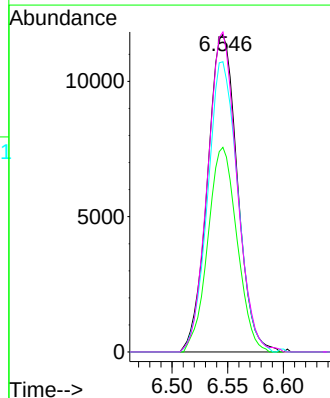
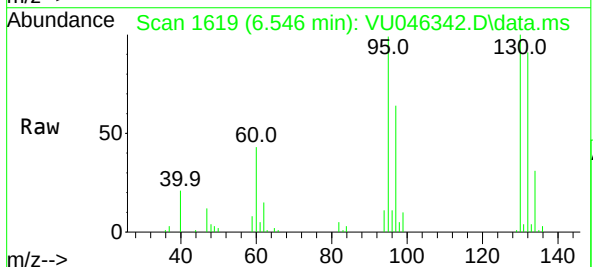
Ion Ratio Lower Upper

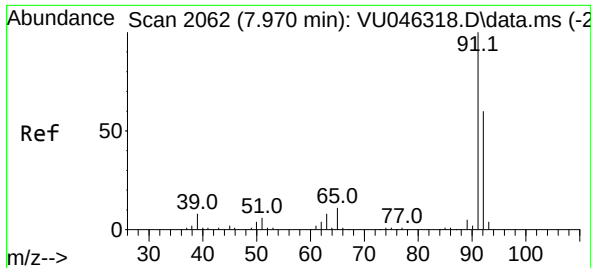
95 100

97 64.4 44.1 81.9

132 91.4 66.8 124.0

130 100.8 69.0 128.1





#42

Toluene

Concen: 1.663 ug/L

RT: 7.973 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU046342.D

Acq: 14 Dec 2021 01:19

Instrument :

MSVOA_U

ClientSampleId :

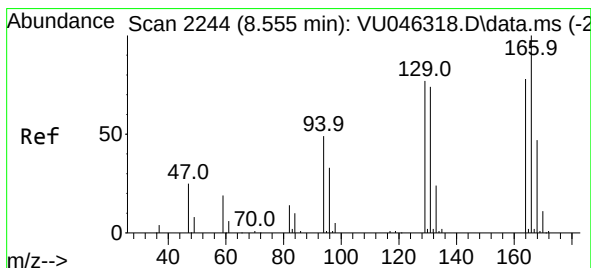
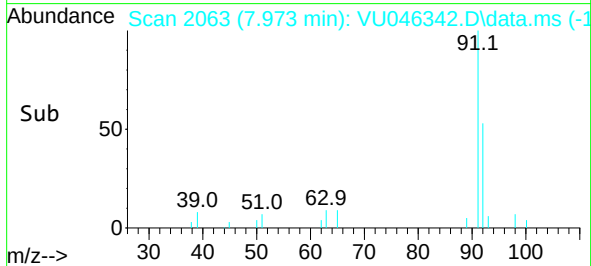
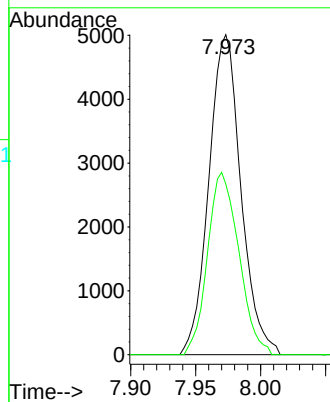
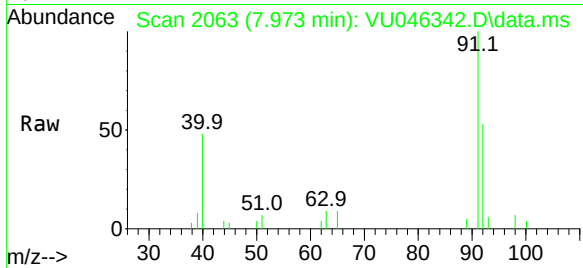
BGKT0DL

Tgt Ion: 91 Resp: 8602

Ion Ratio Lower Upper

91 100

92 53.3 41.9 77.7



#46

Tetrachloroethene

Concen: 1643.398 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. 0.003 min

Lab File: VU046342.D

Acq: 14 Dec 2021 01:19

Tgt Ion:164 Resp: 1534133

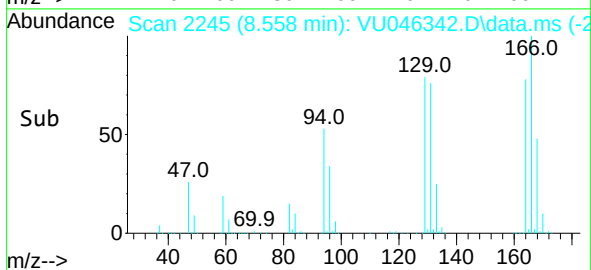
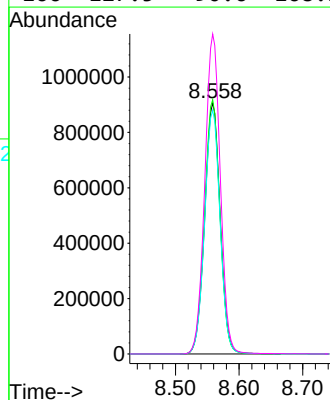
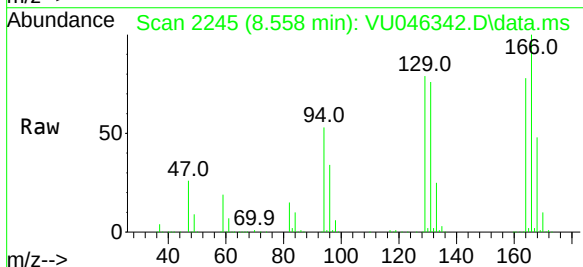
Ion Ratio Lower Upper

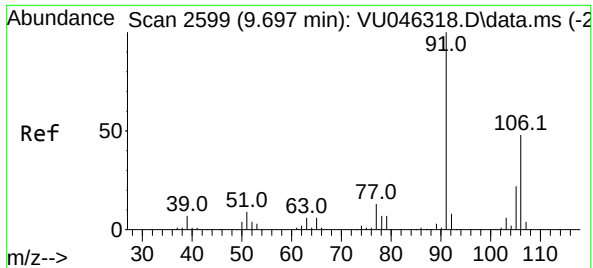
164 100

129 101.4 71.1 132.1

131 97.1 67.8 126.0

166 127.5 90.6 168.2





#53
 m,p-Xylene
 Concen: 1.904 ug/L
 RT: 9.693 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU046342.D
 Acq: 14 Dec 2021 01:19

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKT0DL

Tgt Ion:106 Resp: 4134
 Ion Ratio Lower Upper
 106 100
 91 217.7 144.3 268.1

