

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
 Data File : VU051171.D
 Acq On : 06 Oct 2022 14:58
 Operator : JC/MD
 Sample : N4893-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J48

Quant Time: Oct 07 01:31:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 01:29:24 2022
 Response via : Initial Calibration

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

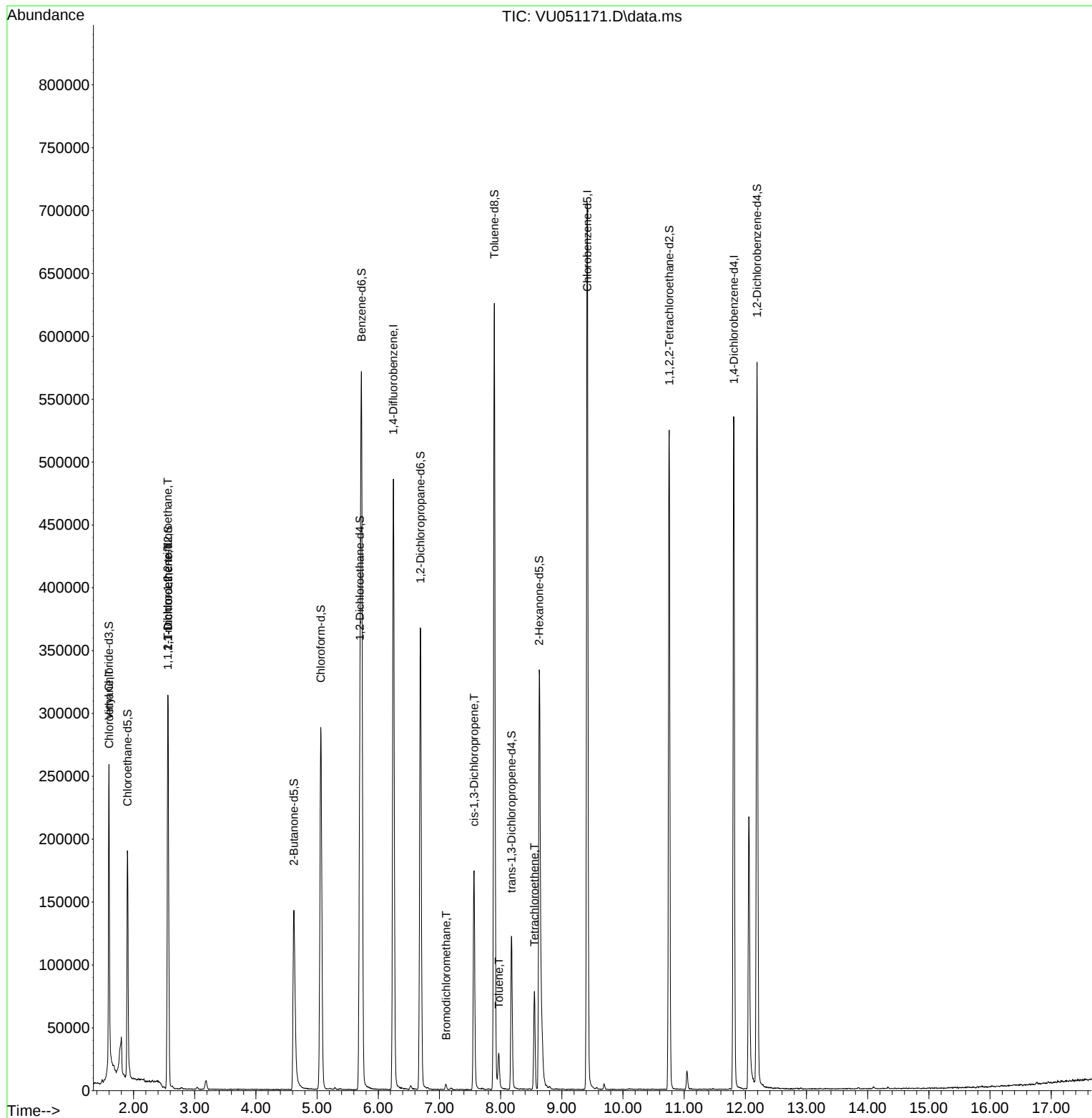
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	390849	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	395818	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	143576	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	161974	40.892	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	81.780%	
7) Chloroethane-d5	1.900	69	138322	37.593	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	75.180%	
11) 1,1-Dichloroethene-d2	2.562	63	186938	31.949	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	63.900%	
21) 2-Butanone-d5	4.620	46	199721	77.740	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	77.740%	
24) Chloroform-d	5.060	84	270812	42.436	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	84.880%	
26) 1,2-Dichloroethane-d4	5.700	65	173227	43.854	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	87.700%	
32) Benzene-d6	5.726	84	531733	45.875	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.740%	
36) 1,2-Dichloropropane-d6	6.687	67	179769	47.796	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	95.600%	
41) Toluene-d8	7.896	98	420225	39.240	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	78.480%#	
43) trans-1,3-Dichloroprop...	8.179	79	68143	37.984	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	75.960%	
47) 2-Hexanone-d5	8.629	63	97223	64.017	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	64.020%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	268841	40.898	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	81.800%	
66) 1,2-Dichlorobenzene-d4	12.192	152	150947	49.214	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	98.420%	
Target Compounds						Qvalue
8) Chloroethane	1.601	64	61720	20.452	ug/L	89
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1886	0.632	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	1527	0.548	ug/L #	1
38) Bromodichloromethane	7.109	83	3216	0.742	ug/L #	90
39) cis-1,3-Dichloropropene	7.565	75	4112	0.893	ug/L #	49
42) Toluene	7.970	91	20210	1.575	ug/L	95
46) Tetrachloroethene	8.552	164	17028	7.189	ug/L	96

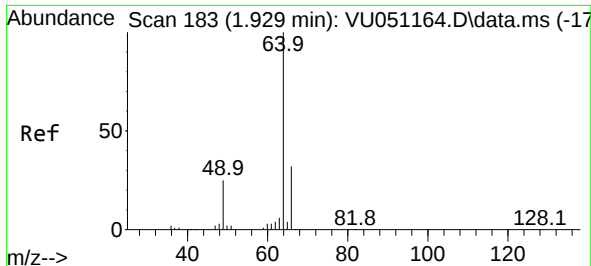
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 07 01:29:24 2022
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#8

Chloroethane

Concen: 20.452 ug/L

RT: 1.601 min Scan# 81

Delta R.T. -0.328 min

Lab File: VU051171.D

Acq: 06 Oct 2022 14:58

Instrument :

MSVOA_U

ClientSampleId :

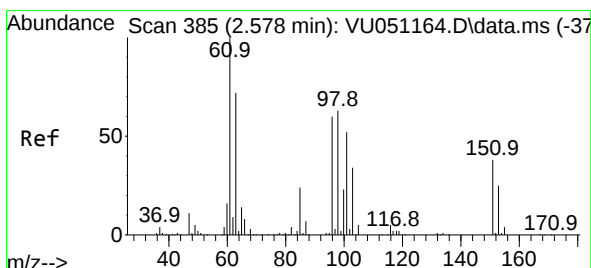
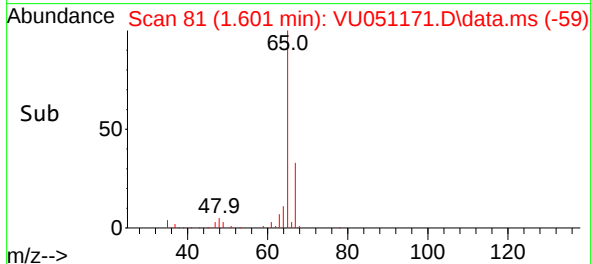
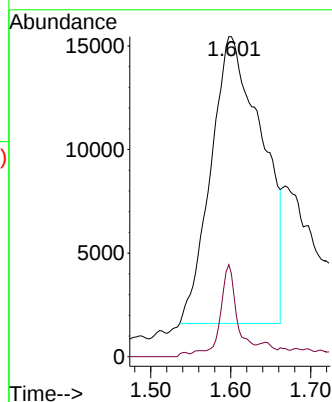
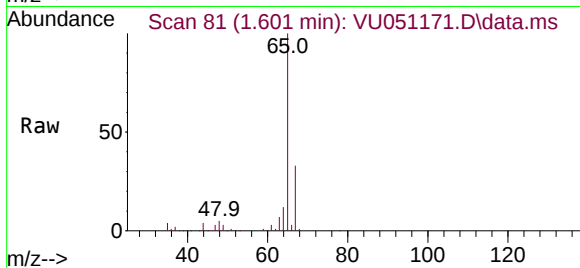
F5J48

Tgt Ion: 64 Resp: 61720

Ion Ratio Lower Upper

64 100

66 25.9 22.3 41.3



#10

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

Concen: 0.632 ug/L

RT: 2.559 min Scan# 379

Delta R.T. -0.019 min

Lab File: VU051171.D

Acq: 06 Oct 2022 14:58

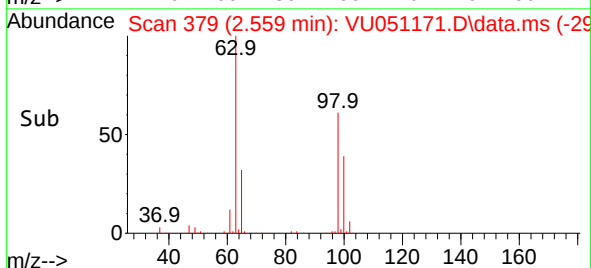
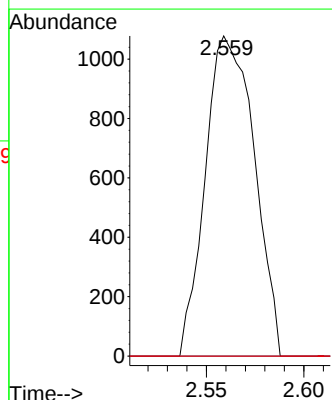
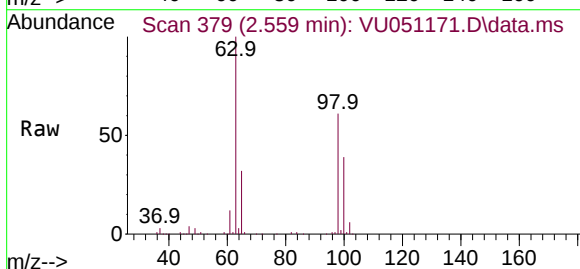
Tgt Ion:101 Resp: 1886

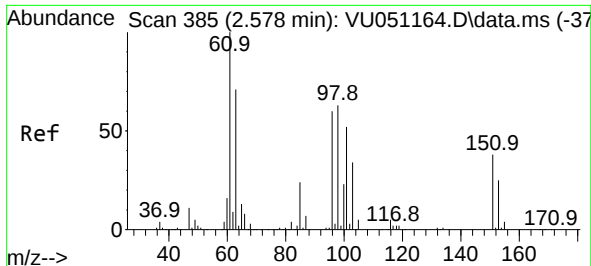
Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 58.6 87.8#





#12

1,1-Dichloroethene

Concen: 0.548 ug/L

RT: 2.562 min Scan# 385

Delta R.T. -0.016 min

Lab File: VU051171.D

Acq: 06 Oct 2022 14:58

Instrument :

MSVOA_U

ClientSampleId :

F5J48

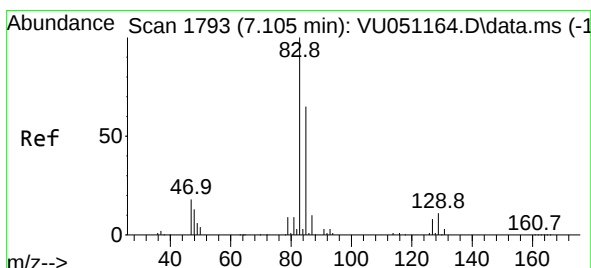
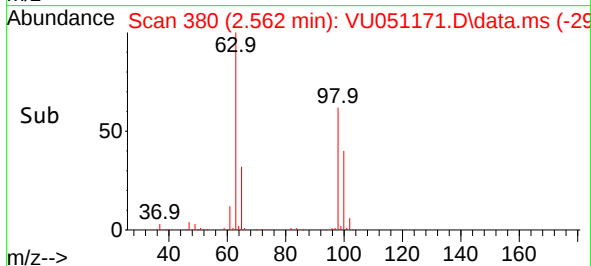
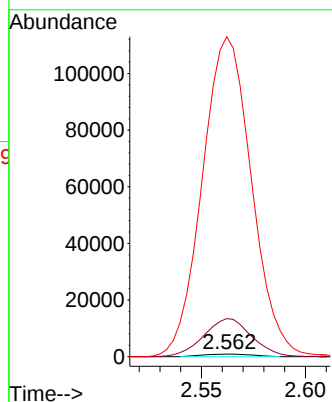
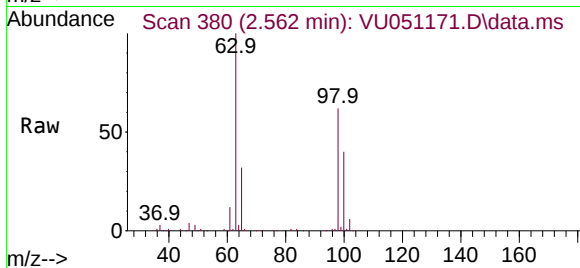
Tgt Ion: 96 Resp: 1527

Ion Ratio Lower Upper

96 100

61 1480.5 113.0 209.9#

63 12444.1 91.7 170.3#



#38

Bromodichloromethane

Concen: 0.742 ug/L

RT: 7.109 min Scan# 1794

Delta R.T. 0.003 min

Lab File: VU051171.D

Acq: 06 Oct 2022 14:58

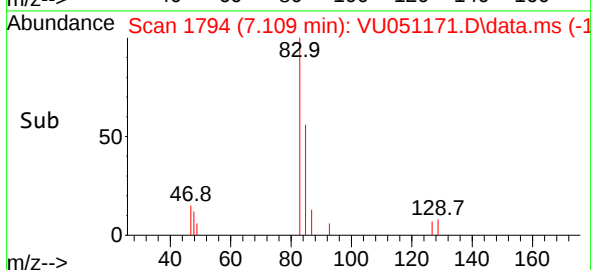
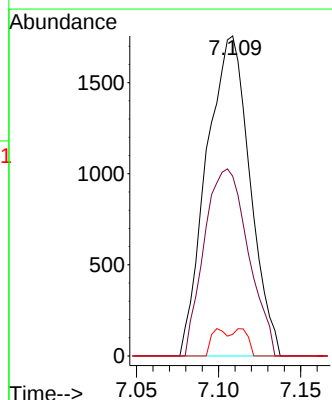
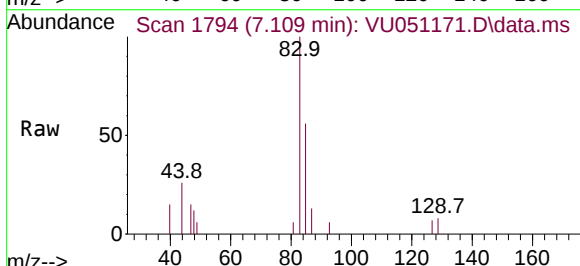
Tgt Ion: 83 Resp: 3216

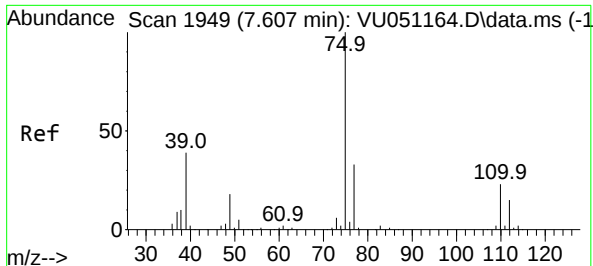
Ion Ratio Lower Upper

83 100

85 56.2 45.1 83.7

127 6.7 6.7 10.1#





#39

cis-1,3-Dichloropropene

Concen: 0.893 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU051171.D

Acq: 06 Oct 2022 14:58

Instrument :

MSVOA_U

ClientSampleId :

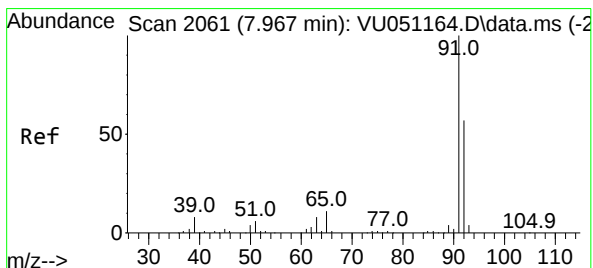
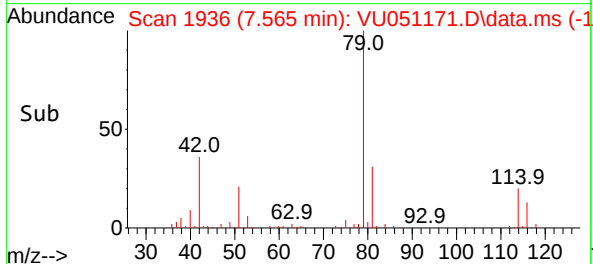
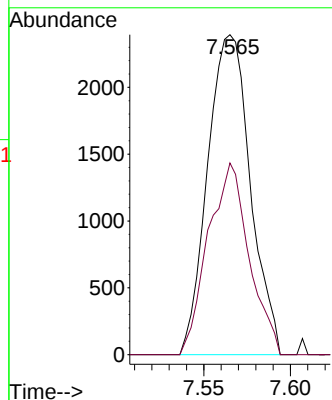
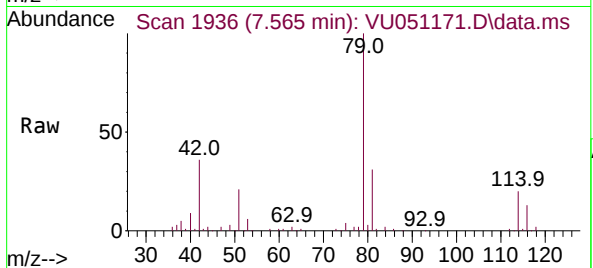
F5J48

Tgt Ion: 75 Resp: 4112

Ion Ratio Lower Upper

75 100

77 59.9 22.0 41.0#



#42

Toluene

Concen: 1.575 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU051171.D

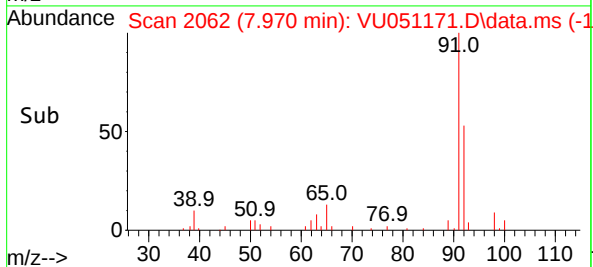
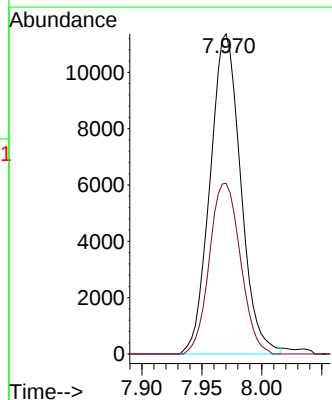
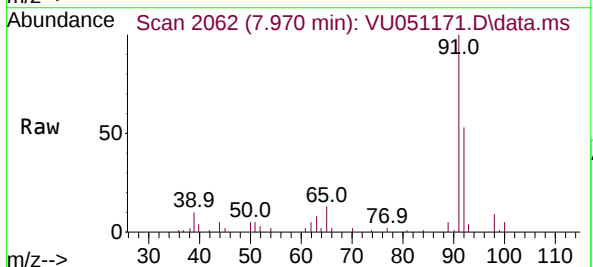
Acq: 06 Oct 2022 14:58

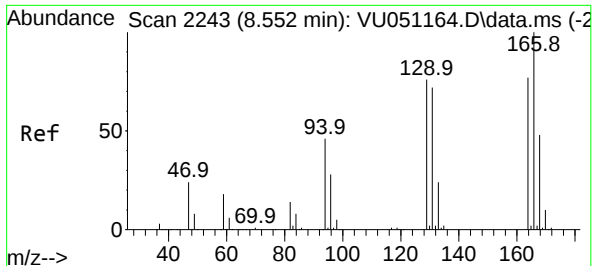
Tgt Ion: 91 Resp: 20210

Ion Ratio Lower Upper

91 100

92 53.3 40.1 74.5





#46
Tetrachloroethene
Concen: 7.189 ug/L
RT: 8.552 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051171.D
Acq: 06 Oct 2022 14:58

Instrument :
MSVOA_U
ClientSampleId :
F5J48

Tgt Ion:164	Resp:	17028
Ion	Ratio	Lower Upper
164	100	
129	99.0	68.1 126.5
131	91.8	67.8 126.0
166	123.1	90.5 168.1

