

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
 Data File : VU048975.D
 Acq On : 09 Jun 2022 13:33
 Operator : SY/MD
 Sample : N3248-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

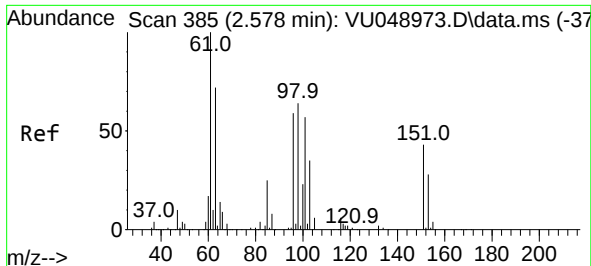
Instrument :
 MSVOA_U
 ClientSampleId :
 EXYW6

Quant Time: Jun 10 01:02:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 10 01:01:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	333465	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	316642	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	155616	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	116788	57.180	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	114.360%	
7) Chloroethane-d5	1.893	69	85090	55.608	ug/L	-0.01
Spiked Amount	50.000	Range 70 - 130	Recovery	=	111.220%	
11) 1,1-Dichloroethene-d2	2.562	63	163634	35.425	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	70.860%	
21) 2-Butanone-d5	4.620	46	230476	118.579	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	118.580%	
24) Chloroform-d	5.063	84	234306	45.397	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.800%	
26) 1,2-Dichloroethane-d4	5.700	65	154043	42.306	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	84.620%	
32) Benzene-d6	5.726	84	448890	50.939	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.880%	
36) 1,2-Dichloropropane-d6	6.690	67	152781	59.056	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	118.120%	
41) Toluene-d8	7.899	98	397390	47.942	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	95.880%	
43) trans-1,3-Dichloroprop...	8.179	79	70974	42.903	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	85.800%	
47) 2-Hexanone-d5	8.632	63	156966	110.635	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	110.640%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	239995	56.062	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	112.120%	
66) 1,2-Dichlorobenzene-d4	12.195	152	161045	50.623	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	101.240%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1747	0.746	ug/L #	17
12) 1,1-Dichloroethene	2.572	96	14952	6.892	ug/L #	1
17) trans-1,2-Dichloroethene	3.350	96	9129	3.901	ug/L	83
19) 1,1-Dichloroethane	3.864	63	196435	45.852	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	231503	87.724	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	453907	94.674	ug/L	98
31) Carbon tetrachloride	5.314	117	59305	13.573	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	1349	0.545	ug/L #	78
46) Tetrachloroethene	8.555	164	18665	8.739	ug/L	99

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



#10

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

Concen: 0.746 ug/L

RT: 2.559 min Scan# 31

Delta R.T. -0.019 min

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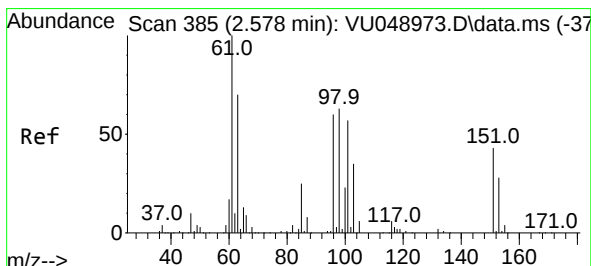
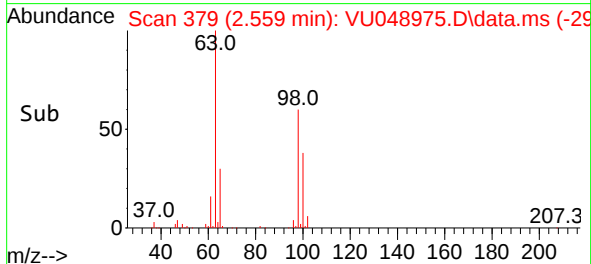
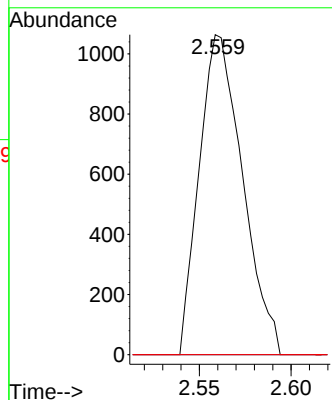
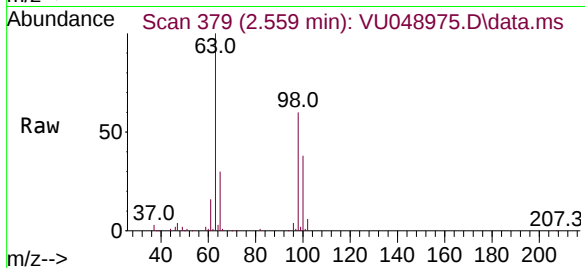
Tgt Ion:101 Resp: 1747

Ion Ratio Lower Upper

101 100

85 0.0 35.7 53.5#

151 0.0 64.4 96.6#



#12

1,1-Dichloroethene

Concen: 6.892 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.007 min

Lab File: VU048975.D

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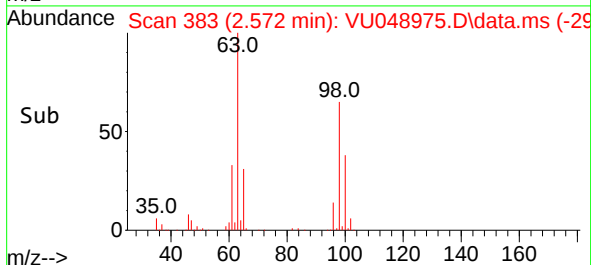
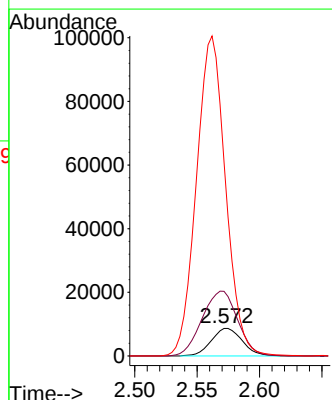
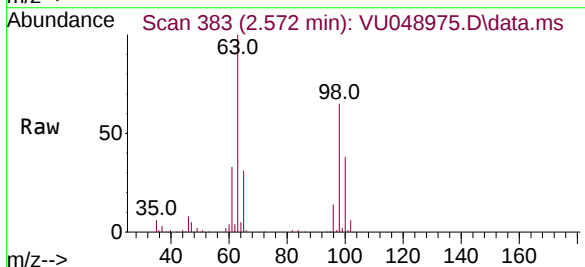
Tgt Ion: 96 Resp: 14952

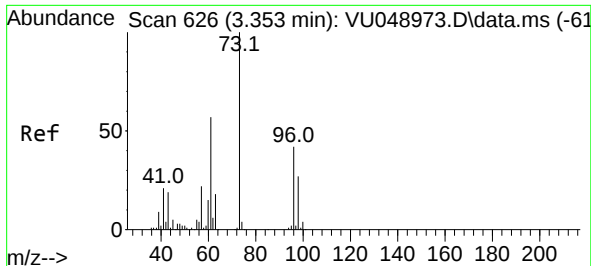
Ion Ratio Lower Upper

96 100

61 234.1 120.6 224.0#

63 702.9 82.3 152.9#

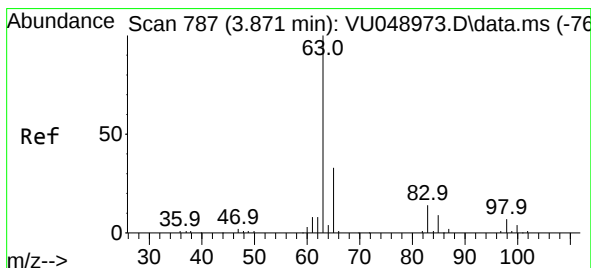
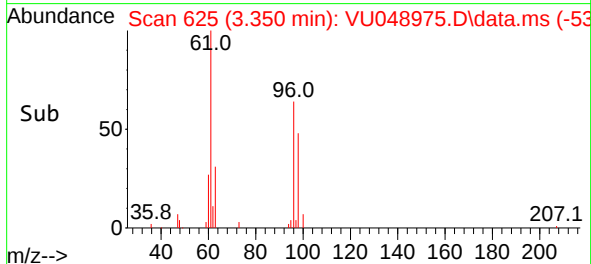
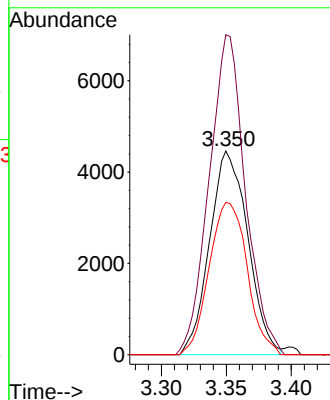
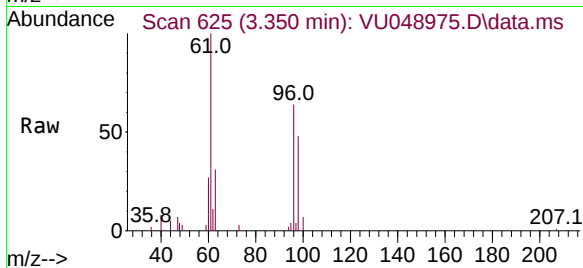




#17
trans-1,2-Dichloroethene
Concen: 3.901 ug/L
RT: 3.350 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU048975.D
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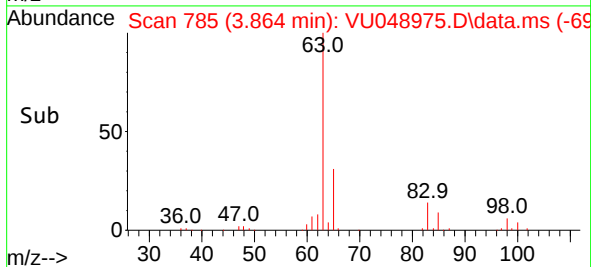
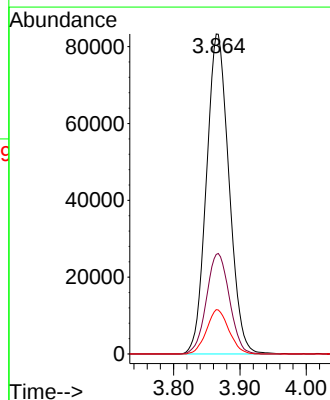
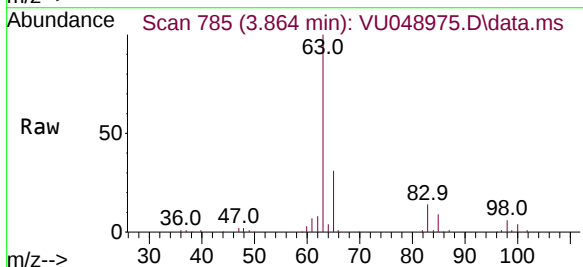
Instrument :
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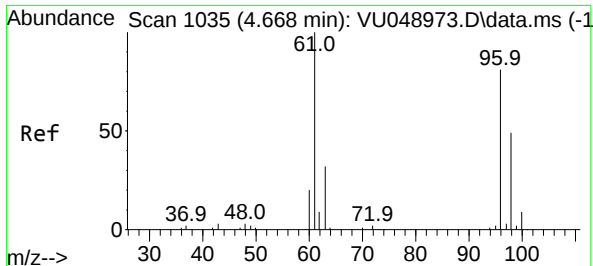
Tgt Ion: 96 Resp: 9129
Ion Ratio Lower Upper
96 100
61 157.1 94.2 175.0
98 74.7 45.1 83.7



#19
1,1-Dichloroethane
Concen: 45.852 ug/L
RT: 3.864 min Scan# 785
Delta R.T. -0.007 min
Lab File: VU048975.D
Acq: 09 Jun 2022 13:33

Tgt Ion: 63 Resp: 196435
Ion Ratio Lower Upper
63 100
65 31.1 21.8 40.6
83 13.8 9.8 18.2





#20

cis-1,2-Dichloroethene

Concen: 87.724 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU048975.D

Acq: 09 Jun 2022 13:33

Instrument :

MSVOA_U

ClientSampleId :

EXYW6

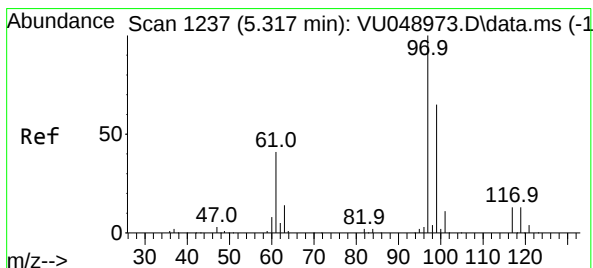
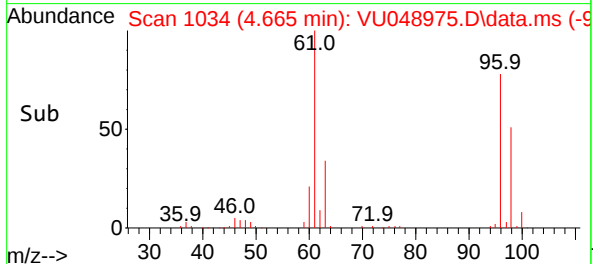
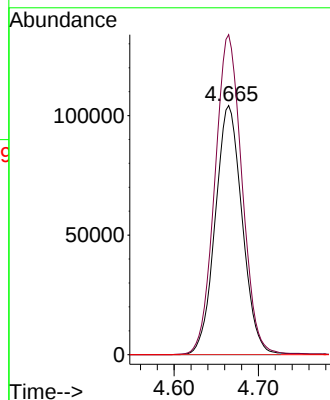
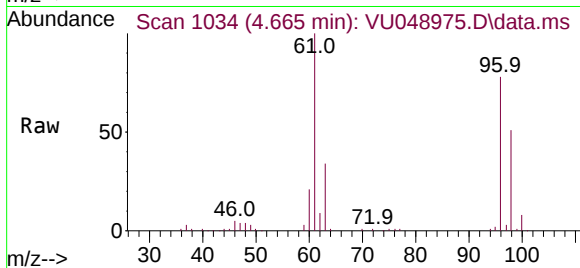
Tgt Ion: 96 Resp: 231503

Ion Ratio Lower Upper

96 100

61 128.4 88.3 164.1

68 0.0 0.0 0.0



#30

1,1,1-Trichloroethane

Concen: 94.674 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU048975.D

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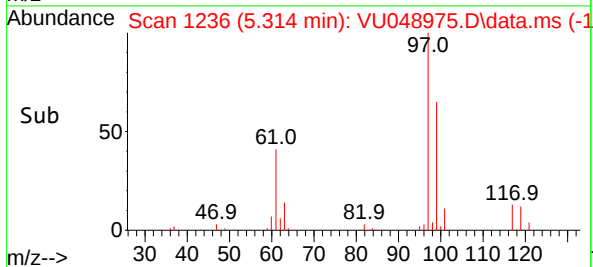
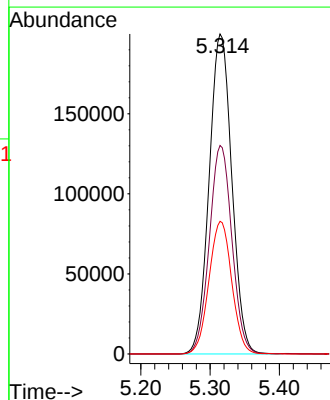
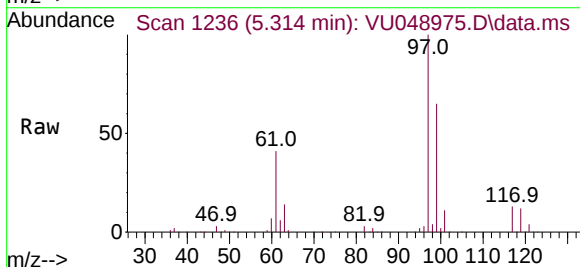
Tgt Ion: 97 Resp: 453907

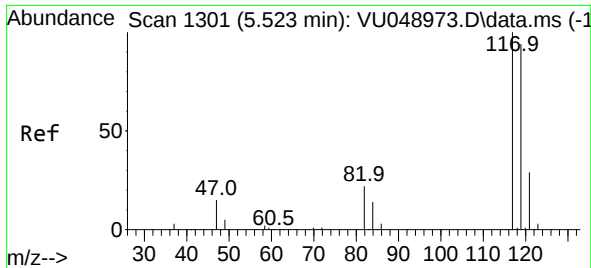
Ion Ratio Lower Upper

97 100

99 65.1 50.3 75.5

61 41.7 32.6 48.8

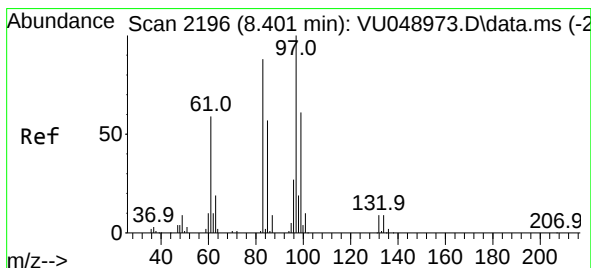
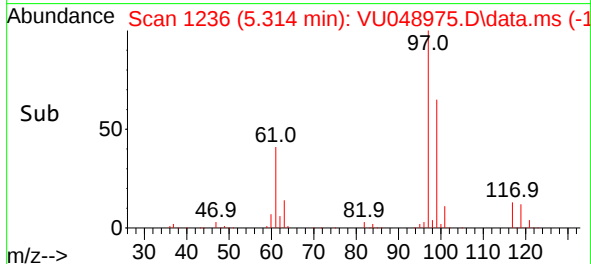
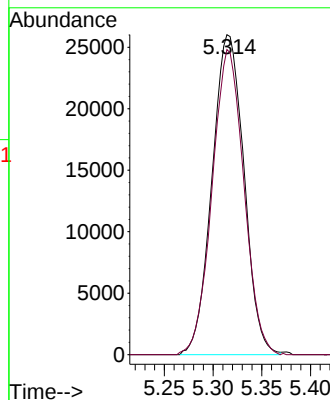
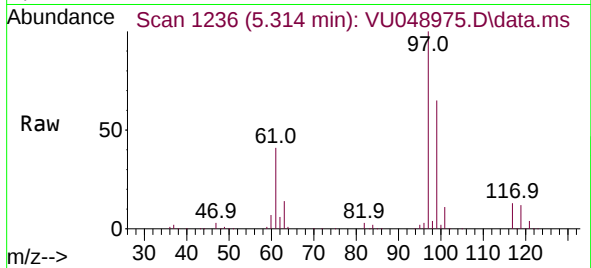




#31
Carbon tetrachloride
Concen: 13.573 ug/L
RT: 5.314 min Scan# 117
Delta R.T. -0.209 min
Lab File: VU048975.D
Acq: 09 Jun 2022 13:33

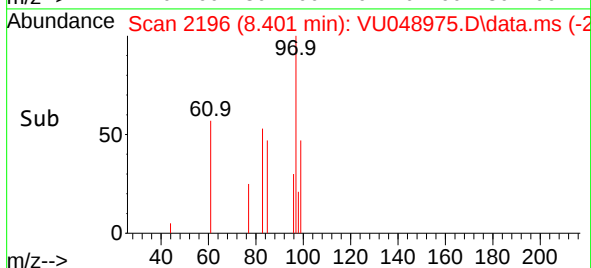
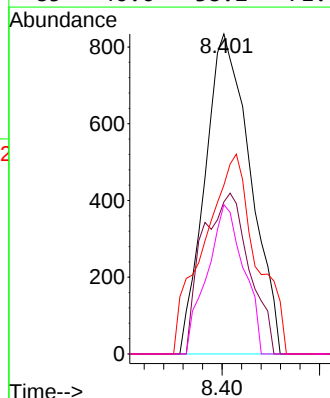
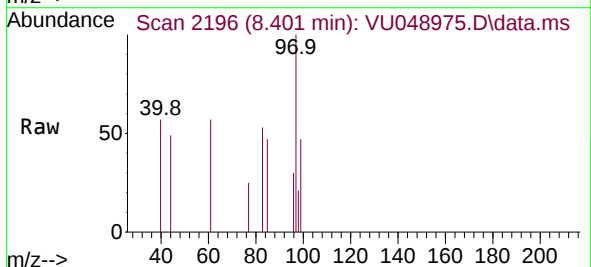
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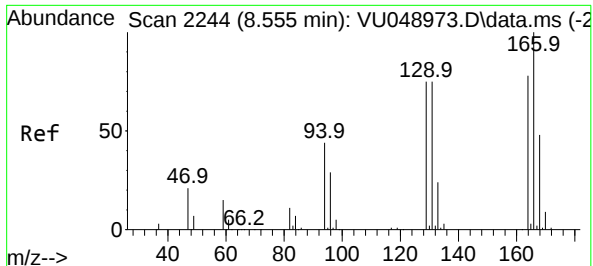
Tgt Ion:117 Resp: 59305
Ion Ratio Lower Upper
117 100
119 94.7 76.0 114.0



#45
1,1,2-Trichloroethane
Concen: 0.545 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048975.D
Acq: 09 Jun 2022 13:33

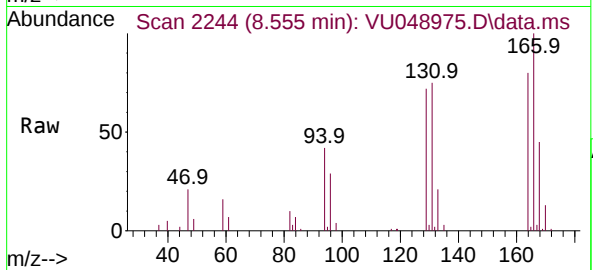
Tgt Ion: 97 Resp: 1349
Ion Ratio Lower Upper
97 100
99 47.5 42.2 78.4
83 52.8 58.4 108.6#
85 46.6 38.2 71.0





#46
Tetrachloroethene
Concen: 8.739 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048975.D
Acq: 09 Jun 2022 13:33

Instrument :
MSVOA_U
ClientSampleId :
EXYW6



Tgt Ion:164 Resp: 18665

Ion	Ratio	Lower	Upper
164	100		
129	90.2	64.3	119.3
131	93.7	64.5	119.7
166	124.6	87.5	162.5

