

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032123\
 Data File : VU053335.D
 Acq On : 21 Mar 2023 19:30
 Operator : JC/MD
 Sample : 01995-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXEM8

Quant Time: Mar 22 03:13:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 22 03:08:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 03/22/2023
 Supervised By :Mahesh Dadoda 03/22/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	112498	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	105961	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	48149	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	43945	42.342	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.680%		
7) Chloroethane-d5	1.912	69	36587	43.582	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.160%		
11) 1,1-Dichloroethene-d2	2.565	63	54872	30.520	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.040%		
21) 2-Butanone-d5	4.620	46	49689	103.226	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.230%		
24) Chloroform-d	5.057	84	70183	41.057	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.120%		
26) 1,2-Dichloroethane-d4	5.697	65	48845	46.010	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.020%		
32) Benzene-d6	5.723	84	149232	43.421	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.840%		
36) 1,2-Dichloropropane-d6	6.687	67	49609	44.724	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.440%		
41) Toluene-d8	7.893	98	134582	42.059	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.120%		
43) trans-1,3-Dichloroprop...	8.176	79	22802	41.664	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.320%		
47) 2-Hexanone-d5	8.629	63	32703	94.302	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.300%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	65551	45.619	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.240%		
66) 1,2-Dichlorobenzene-d4	12.189	152	44604	47.843	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.680%		
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	14842	12.539	ug/L	83
12) 1,1-Dichloroethene	2.575	96	1298	1.571	ug/L #	1
17) trans-1,2-Dichloroethene	3.343	96	1780m	2.123	ug/L	
20) cis-1,2-Dichloroethene	4.662	96	246800	250.663	ug/L	98
34) Trichloroethene	6.536	95	93016	97.108	ug/L	99
46) Tetrachloroethene	8.549	164	76307	122.448	ug/L	98

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

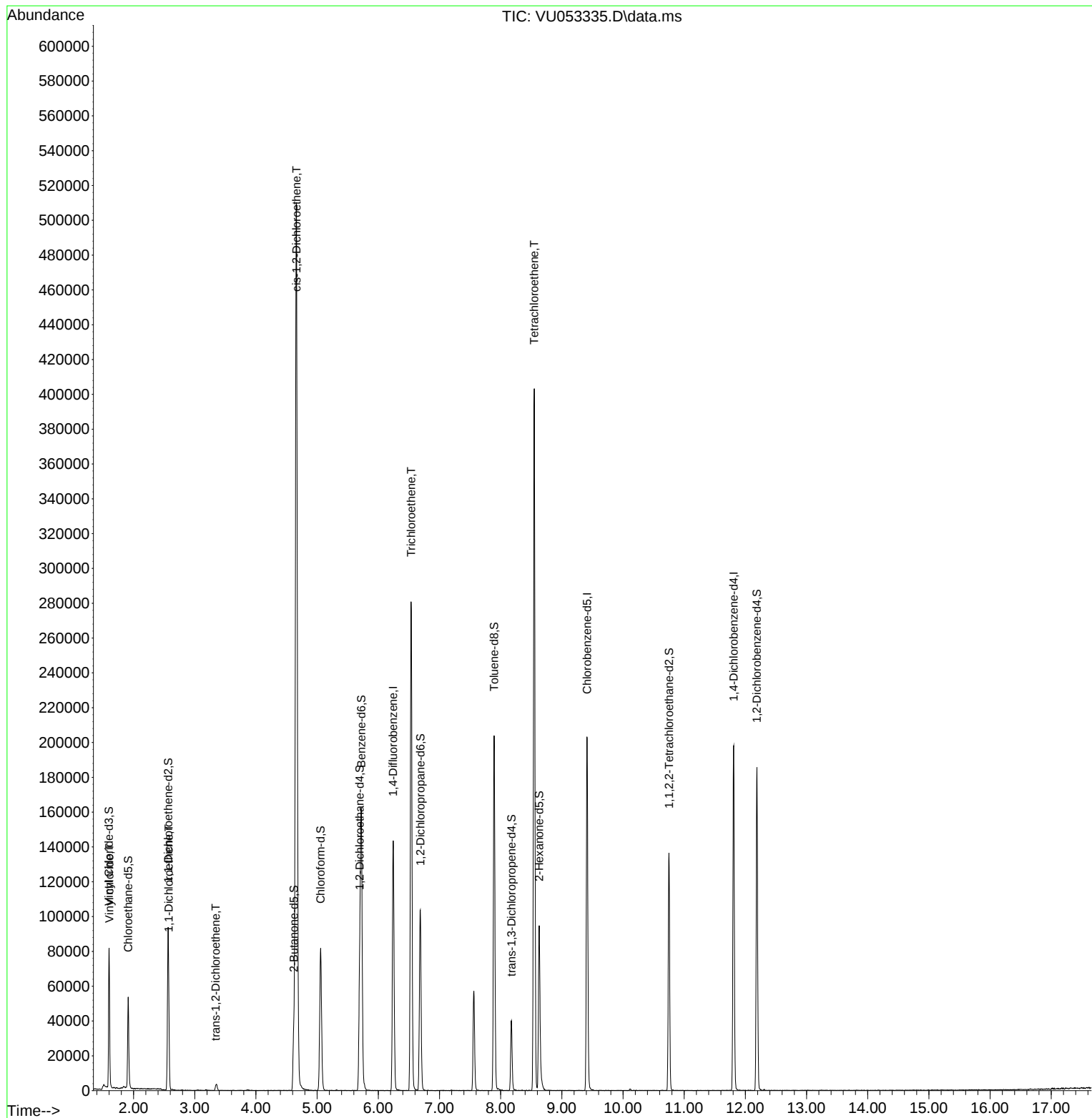
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032123\
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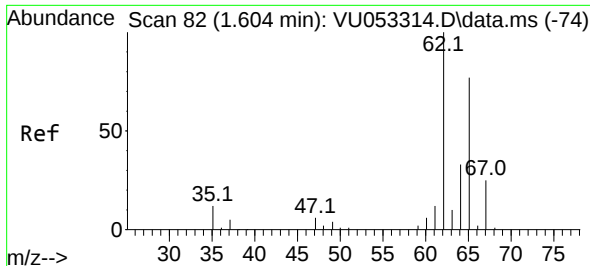
Instrument :
MSVOA_U
ClientSampleId :
EXEM8

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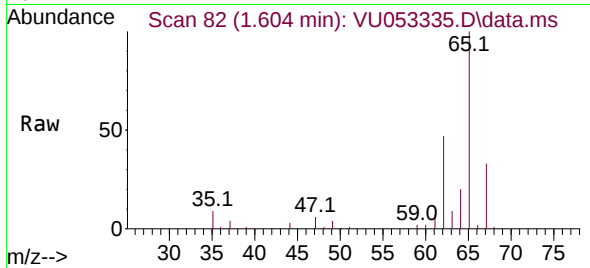
Reviewed By :Krupa Patel 03/22/2023
Supervised By :Mahesh Dadoda 03/22/2023





#5
 Vinyl chloride
 Concen: 12.539 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU053335.D
 Acq: 21 Mar 2023 19:30

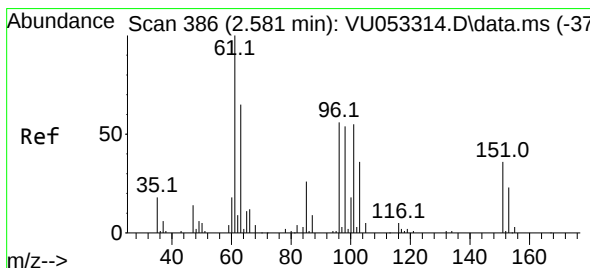
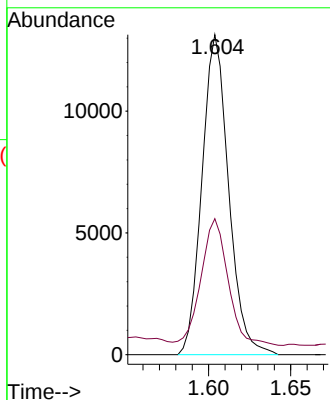
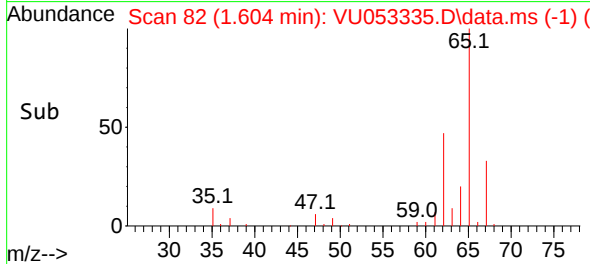
Instrument :
 MSVOA_U
 ClientSampleId :
 EXEM8



Tgt Ion: 62 Resp: 1484
 Ion Ratio Lower Upper
 62 100
 64 42.5 23.2 43.0

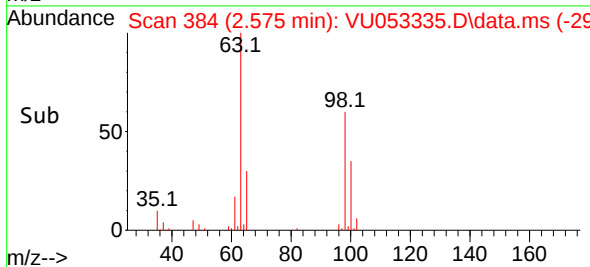
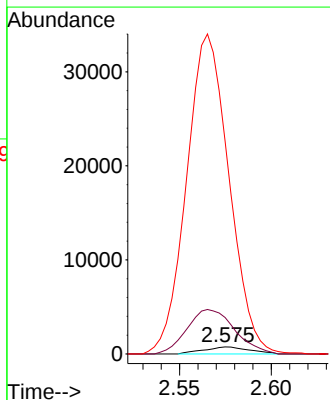
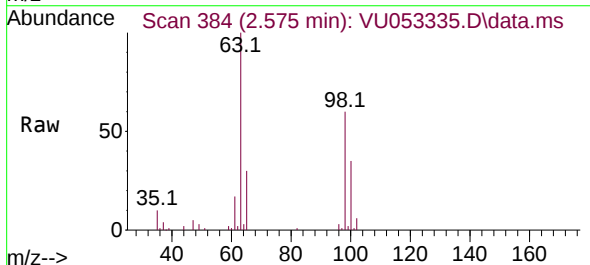
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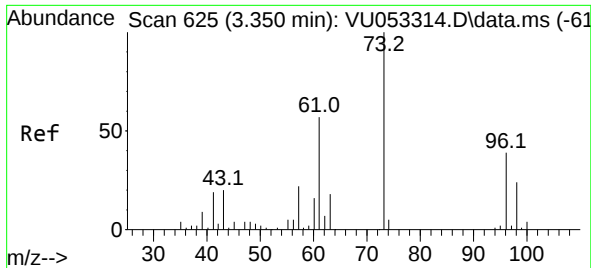
Reviewed By :Krupa Patel 03/22/2023
 Supervised By :Mahesh Dadoda 03/22/2023



#12
 1,1-Dichloroethene
 Concen: 1.571 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.006 min
 Lab File: VU053335.D
 Acq: 21 Mar 2023 19:30

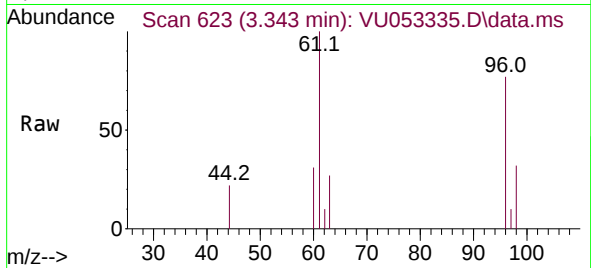
Tgt Ion: 96 Resp: 1298
 Ion Ratio Lower Upper
 96 100
 61 513.5 122.2 226.9#
 63 2999.7 89.9 166.9#





#17
trans-1,2-Dichloroethene
Concen: 2.123 ug/L m
RT: 3.343 min Scan# 61
Delta R.T. -0.006 min
Lab File: VU053335.D
Acq: 21 Mar 2023 19:30

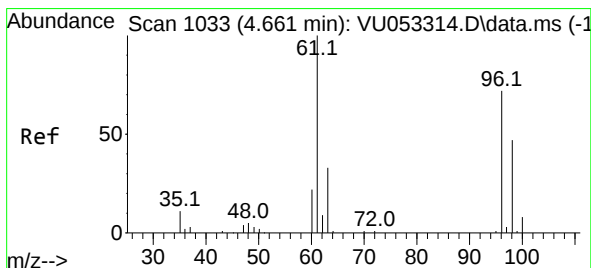
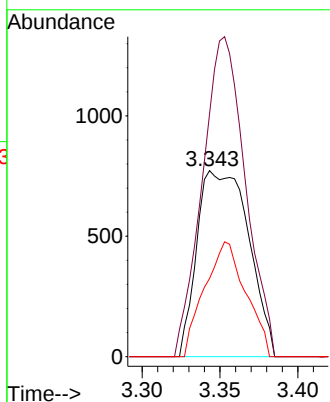
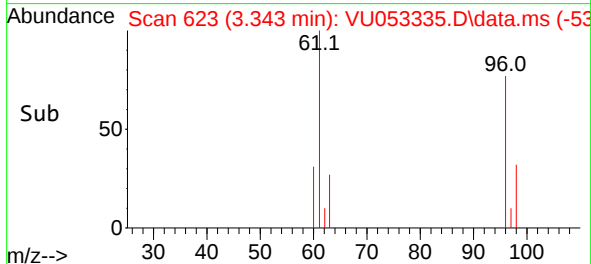
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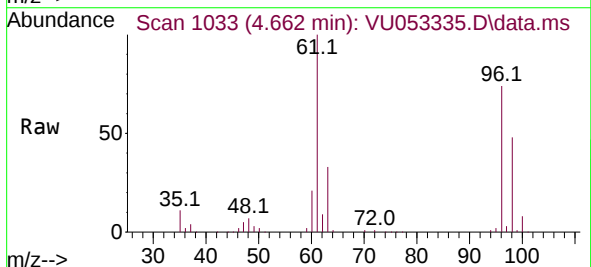
Tgt Ion: 96 Resp: 1780
Ion Ratio Lower Upper
96 100
61 130.5 99.6 185.0
98 42.0 45.5 84.5

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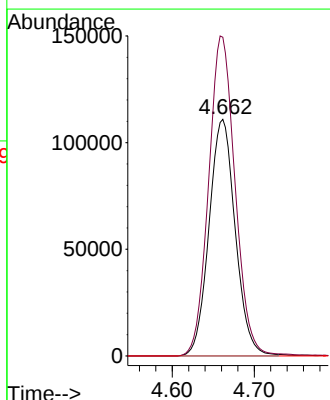
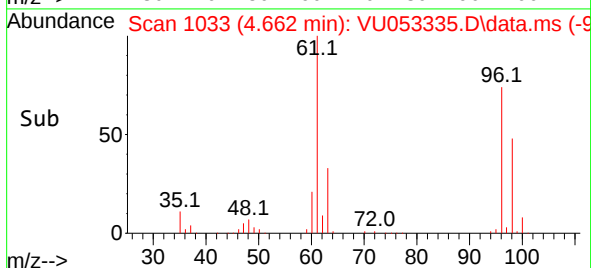
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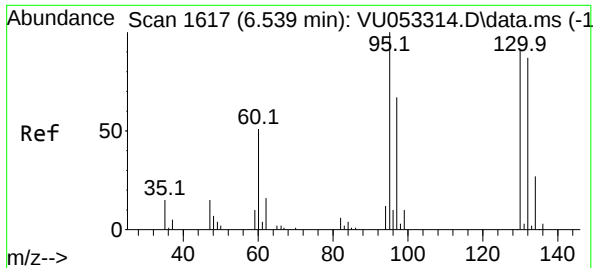


#20
cis-1,2-Dichloroethene
Concen: 250.663 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VU053335.D
Acq: 21 Mar 2023 19:30



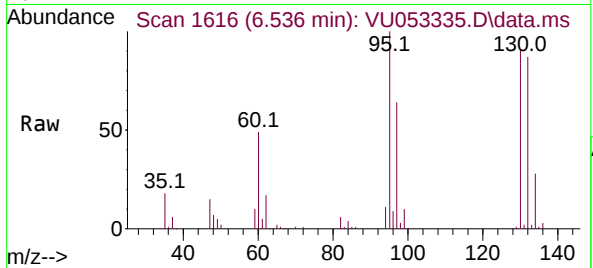
Tgt Ion: 96 Resp: 246800
Ion Ratio Lower Upper
96 100
61 134.7 92.5 171.7
68 0.0 0.0 0.0





#34
Trichloroethene
Concen: 97.108 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU053335.D
Acq: 21 Mar 2023 19:30

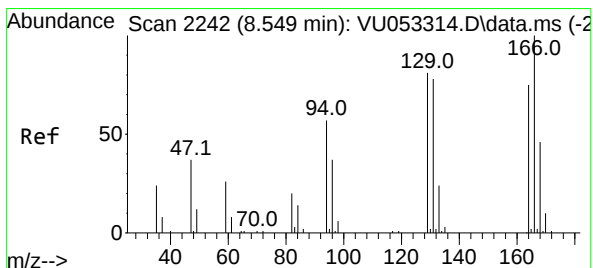
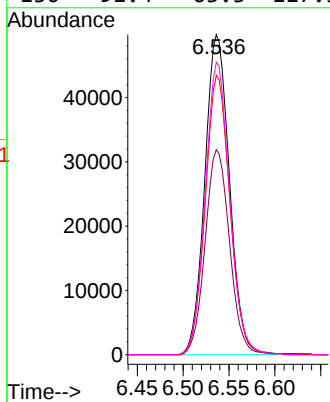
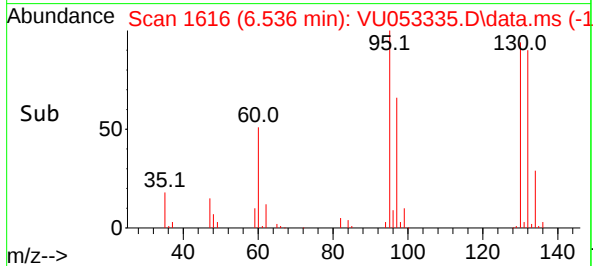
Instrument :
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ClientSampleId :
EXEM8



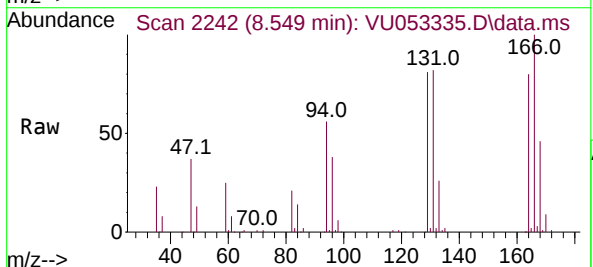
Tgt Ion: 95 Resp: 93010
Ion Ratio Lower Upper
95 100
97 64.1 43.8 81.3
132 87.2 61.5 114.3
130 91.4 63.3 117.5

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#46
Tetrachloroethene
Concen: 122.448 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU053335.D
Acq: 21 Mar 2023 19:30



Tgt Ion:164 Resp: 76307
Ion Ratio Lower Upper
164 100
129 101.8 73.6 136.8
131 102.8 70.3 130.7
166 125.2 88.9 165.1

