

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061923\
 Data File : VW031594.D
 Acq On : 19 Jun 2023 11:27
 Operator : SY/MD
 Sample : 03249-19
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT9

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2023
 Supervised By : Mahesh Dadoda 06/22/2023

Quant Time: Jun 20 01:55:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 17 02:08:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	223446	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	224490	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	109011	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	85602	57.563	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 115.120%			
7) Chloroethane-d5	1.535	69	73752	56.839	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 113.680%			
11) 1,1-Dichloroethene-d2	2.063	65	41795	54.532	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 109.060%			
21) 2-Butanone-d5	3.796	46	94010	78.072	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 78.070%			
24) Chloroform-d	4.259	84	166364m	44.669	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.340%			
26) 1,2-Dichloroethane-d4	4.950	65	112216	48.157	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.320%			
32) Benzene-d6	4.969	84	316452	50.080	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.160%			
36) 1,2-Dichloropropane-d6	5.995	67	107339	47.927	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.860%			
41) Toluene-d8	7.249	98	274129	47.275	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.560%			
43) trans-1,3-Dichloroprop...	7.558	79	48714	44.618	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.240%			
47) 2-Hexanone-d5	8.030	63	72980	82.531	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 82.530%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	145217	42.957	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 85.920%			
66) 1,2-Dichlorobenzene-d4	11.567	152	108842	52.380	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.760%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.076	96	11880	7.185	ug/L	# 1
17) trans-1,2-Dichloroethene	2.703	96	3247	1.881	ug/L	86
19) 1,1-Dichloroethane	3.117	63	112047	30.082	ug/L	99
20) cis-1,2-Dichloroethene	3.828	96	9820	5.265	ug/L	87
30) 1,1,1-Trichloroethane	4.519	97	318899	88.602	ug/L	99
34) Trichloroethene	5.844	95	3354	1.679	ug/L	76
46) Tetrachloroethene	7.915	164	14905	9.509	ug/L	96

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

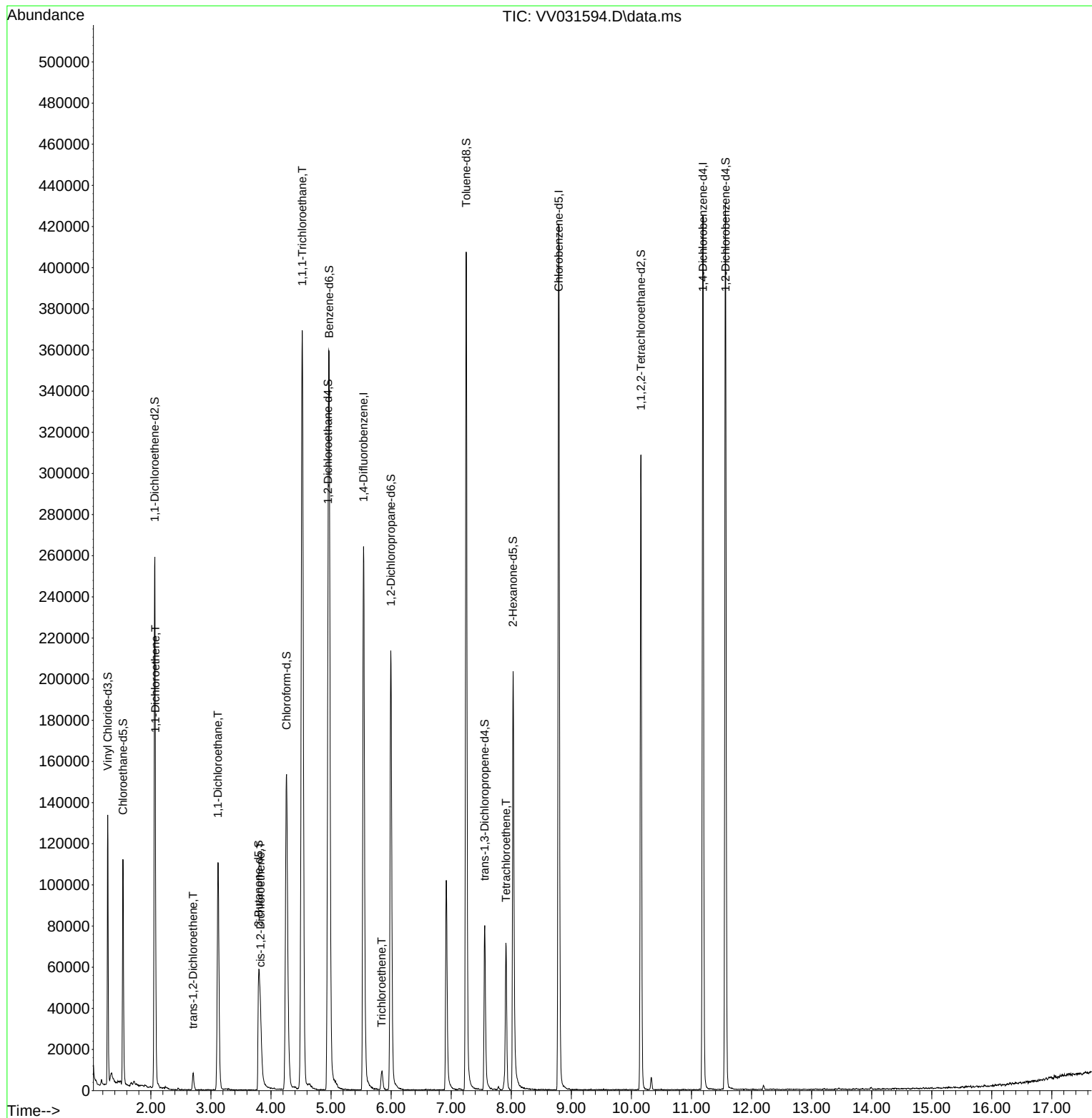
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061923\
Data File : VV031594.D
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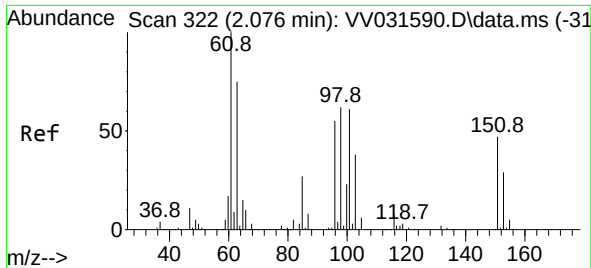
Instrument :
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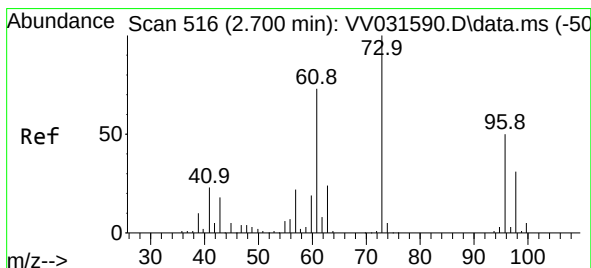
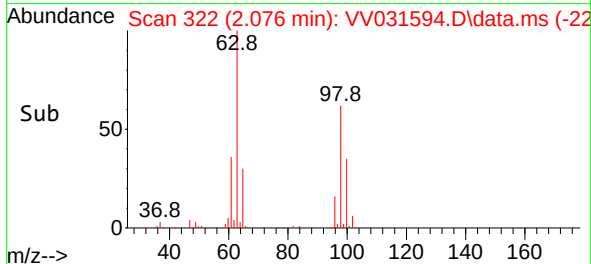
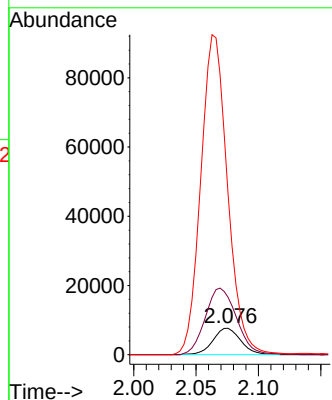
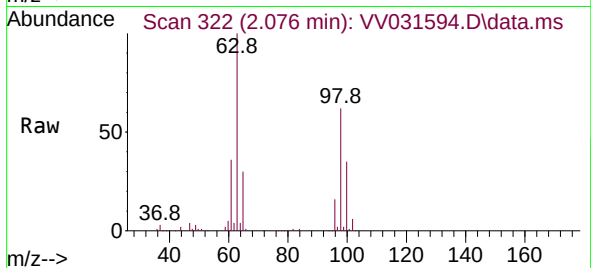
#12
1,1-Dichloroethene
Concen: 7.185 ug/L
RT: 2.076 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV031594.D
Acq: 19 Jun 2023 11:27

Instrument :
MSVOA_V
ClientSampleId :
EXYT9

Tgt Ion: 96 Resp: 11880
Ion Ratio Lower Upper
96 100
61 195.5 128.9 239.5
63 548.7 95.3 177.1

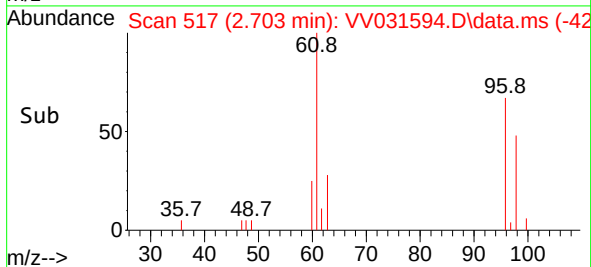
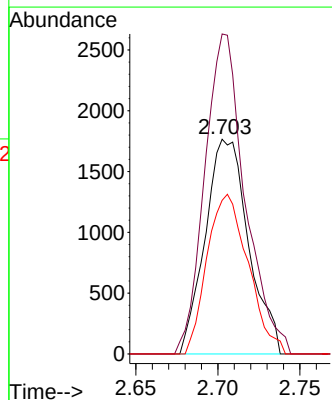
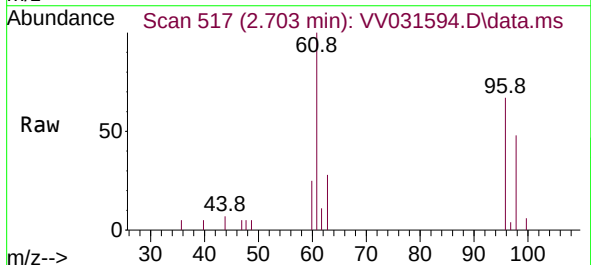
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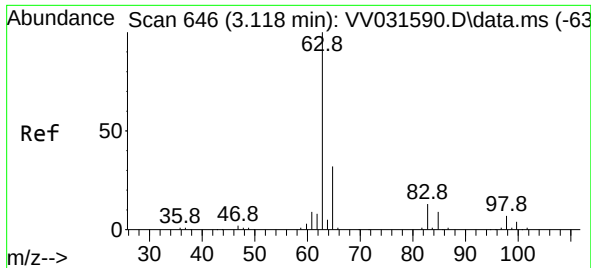
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023



#17
trans-1,2-Dichloroethene
Concen: 1.881 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV031594.D
Acq: 19 Jun 2023 11:27

Tgt Ion: 96 Resp: 3247
Ion Ratio Lower Upper
96 100
61 164.8 102.5 190.3
98 71.6 44.1 81.9





#19

1,1-Dichloroethane

Concen: 30.082 ug/L

RT: 3.117 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV031594.D

Acq: 19 Jun 2023 11:27

Instrument :

MSVOA_V

ClientSampleId :

EXYT9

Tgt Ion: 63 Resp: 11204

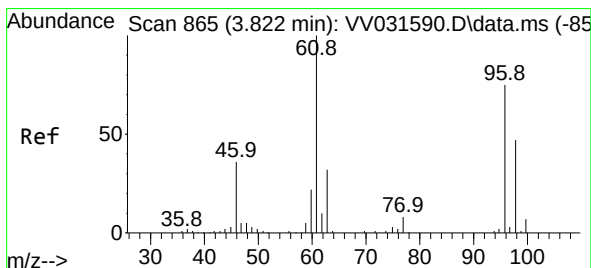
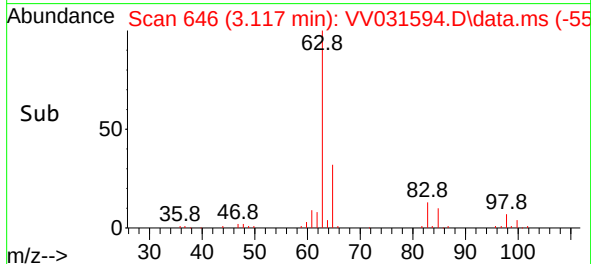
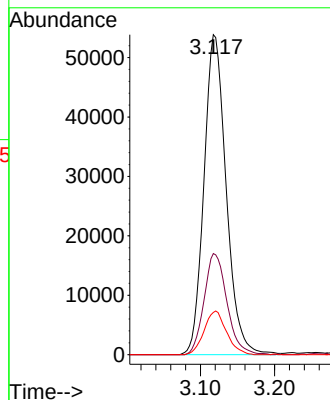
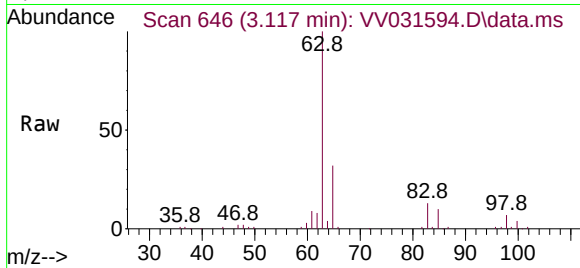
Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.5	41.7
83	13.9	10.0	18.6

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#20

cis-1,2-Dichloroethene

Concen: 5.265 ug/L

RT: 3.828 min Scan# 867

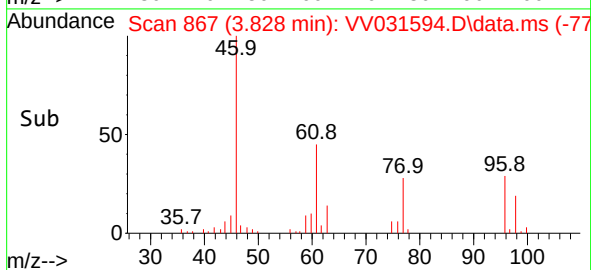
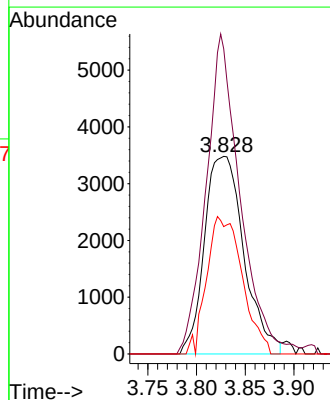
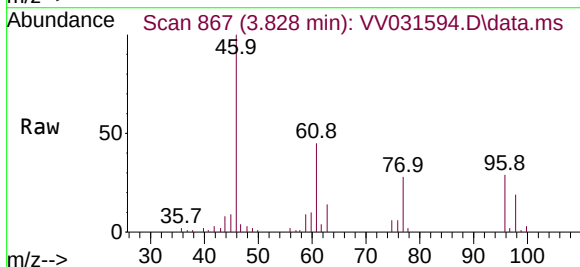
Delta R.T. 0.003 min

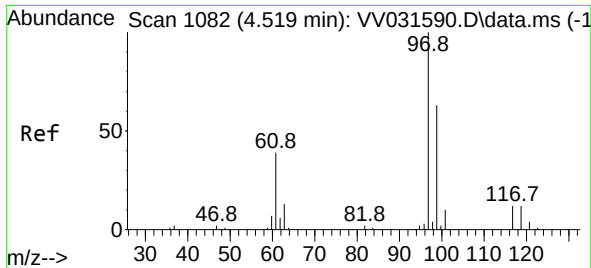
Lab File: VV031594.D

Acq: 19 Jun 2023 11:27

Tgt Ion: 96 Resp: 9820

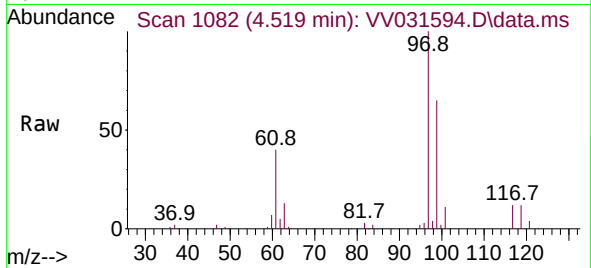
Ion	Ratio	Lower	Upper
96	100		
61	160.3	98.6	183.0
98	61.2	45.7	84.9





#30
1,1,1-Trichloroethane
Concen: 88.602 ug/L
RT: 4.519 min Scan# 1082
Delta R.T. -0.000 min
Lab File: VV031594.D
Acq: 19 Jun 2023 11:27

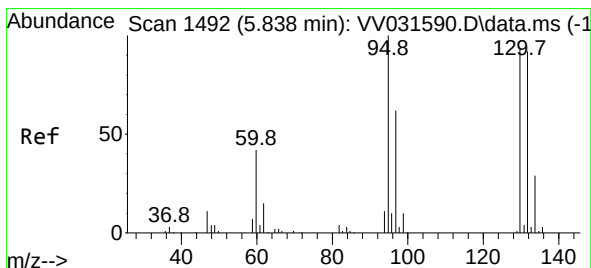
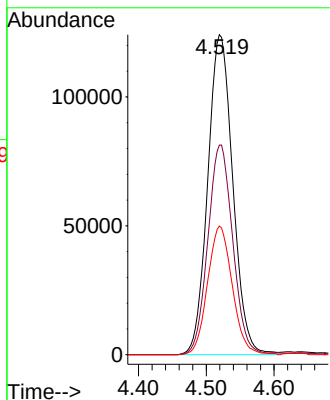
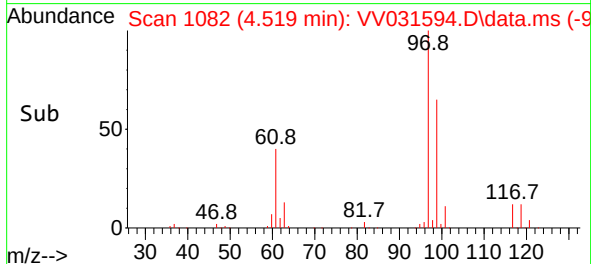
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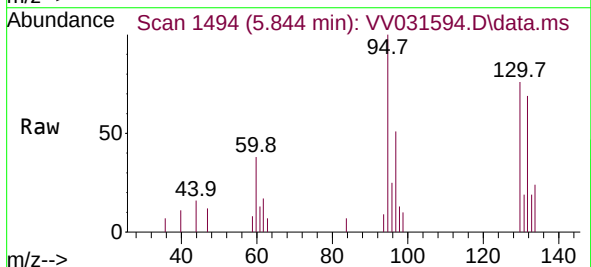
Tgt Ion: 97 Resp: 31889
Ion Ratio Lower Upper
97 100
99 65.0 51.8 77.6
61 39.6 33.0 49.6

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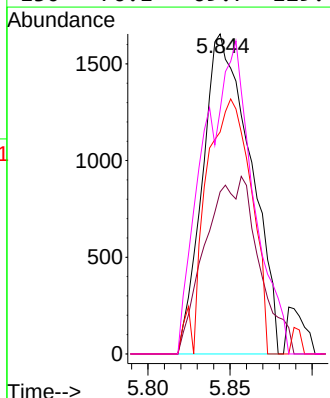
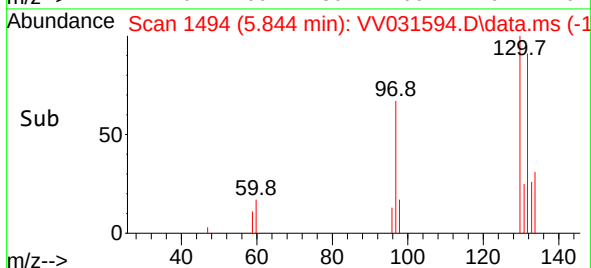
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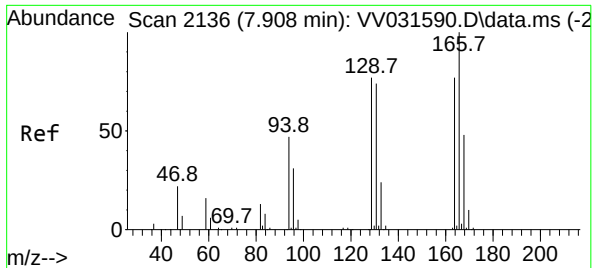


#34
Trichloroethene
Concen: 1.679 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VV031594.D
Acq: 19 Jun 2023 11:27



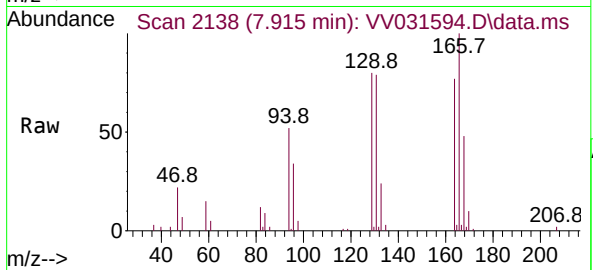
Tgt Ion: 95 Resp: 3354
Ion Ratio Lower Upper
95 100
97 50.6 46.8 86.8
132 69.4 66.4 123.2
130 76.1 69.7 129.4





#46
Tetrachloroethene
Concen: 9.509 ug/L
RT: 7.915 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV031594.D
Acq: 19 Jun 2023 11:27

Instrument :
MSVOA_V
ClientSampleId :
EXYT9



Tgt Ion:	164	Resp:	1490
Ion Ratio	Lower	Upper	
164	100		
129	103.2	68.4	127.0
131	101.1	67.6	125.6
166	129.0	91.3	169.5

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