

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061523\
 Data File : VW031547.D
 Acq On : 15 Jun 2023 22:42
 Operator : SY/MD
 Sample : 03249-21
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYW1

Quant Time: Jun 16 06:17:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 16 05:51:14 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/16/2023
 Supervised By : Mahesh Dadoda 06/16/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	251861	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	243474	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	119135	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	60451	36.064	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	72.120%		
7) Chloroethane-d5	1.539	69	56897	38.902	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	77.800%		
11) 1,1-Dichloroethene-d2	2.066	65	32405	37.510	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.020%		
21) 2-Butanone-d5	3.799	46	117865	86.839	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.840%		
24) Chloroform-d	4.259	84	163076	38.847	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.700%		
26) 1,2-Dichloroethane-d4	4.950	65	110964	42.248	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.500%		
32) Benzene-d6	4.970	84	297053	43.345	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.680%		
36) 1,2-Dichloropropane-d6	5.995	67	107581	44.290	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.580%		
41) Toluene-d8	7.249	98	251642	40.013	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.020%		
43) trans-1,3-Dichloroprop...	7.558	79	48516	40.972	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.940%		
47) 2-Hexanone-d5	8.030	63	83506	87.071	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.070%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	148120	40.400	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	80.800%		
66) 1,2-Dichlorobenzene-d4	11.567	152	108017	47.565	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.140%		
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.719	101	7694	1.851	ug/L	100
12) 1,1-Dichloroethene	2.076	96	222840m	119.576	ug/L	
17) trans-1,2-Dichloroethene	2.706	96	6448	3.315	ug/L	93
19) 1,1-Dichloroethane	3.121	63	470064	111.961	ug/L	99
20) cis-1,2-Dichloroethene	3.825	96	269149	128.029	ug/L	99
25) Chloroform	4.291	83	29854	6.840	ug/L	99
30) 1,1,1-Trichloroethane	4.523	97	1234676	316.291	ug/L	99
34) Trichloroethene	5.838	95	253066	116.830	ug/L	98
45) 1,1,2-Trichloroethane	7.780	97	5665	2.519	ug/L	93
46) Tetrachloroethene	7.912	164	100978	59.396	ug/L	98

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

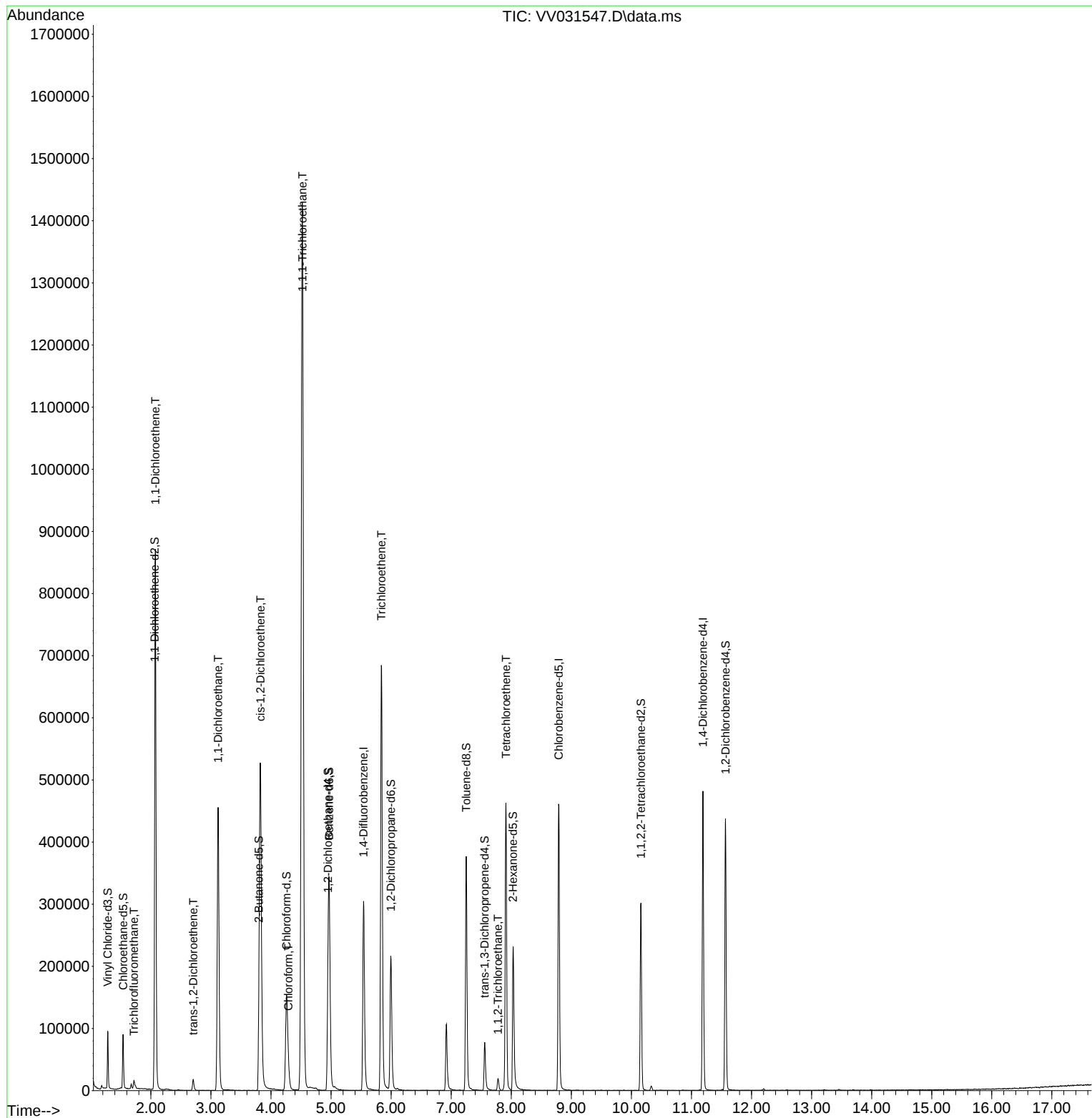
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031547.D
Acq On : 15 Jun 2023 22:42
Operator : SY/MD
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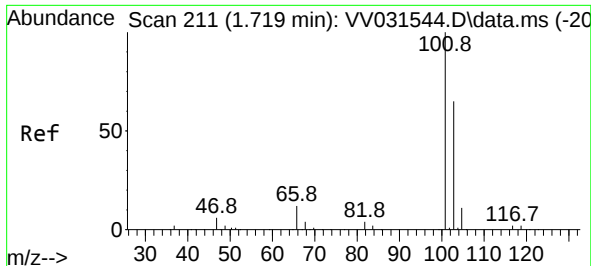
Instrument :
MSVOA_V
ClientSampleId :
EXYW1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
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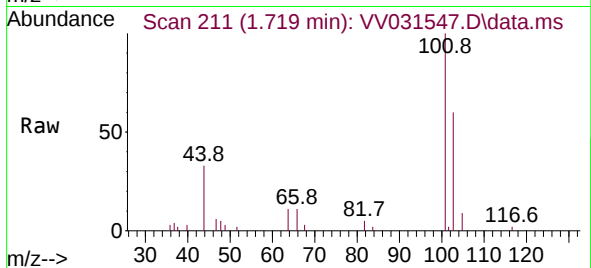
Reviewed By : John Carlone 06/16/2023
Supervised By : Mahesh Dadoda 06/16/2023





#9
 Trichlorofluoromethane
 Concen: 1.851 ug/L
 RT: 1.719 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VV031547.D
 Acq: 15 Jun 2023 22:42

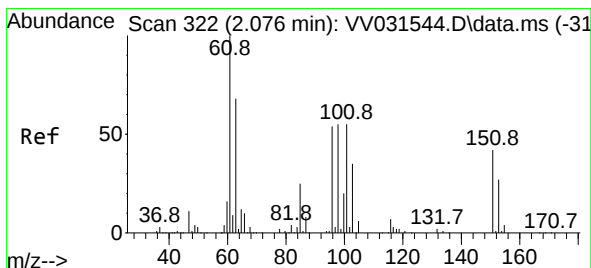
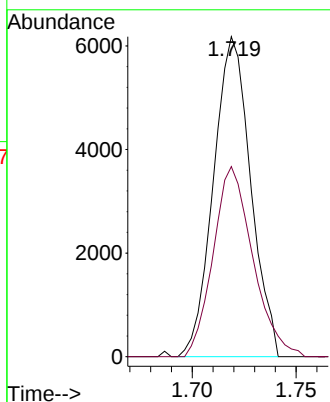
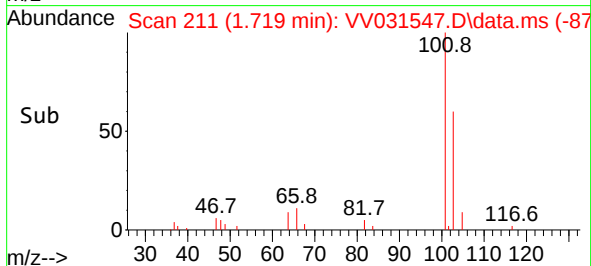
Instrument :
 MSVOA_V
 ClientSampleId :
 EXYW1



Tgt Ion:101 Resp: 7694
 Ion Ratio Lower Upper
 101 100
 103 63.3 50.9 76.3

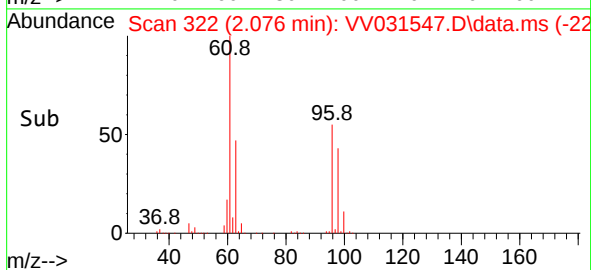
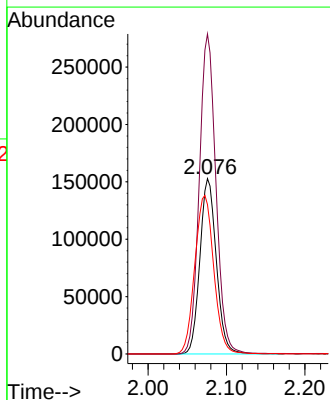
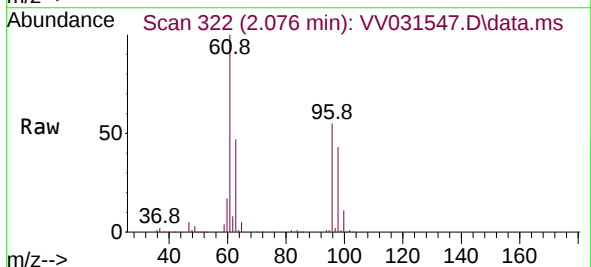
Manual Integrations
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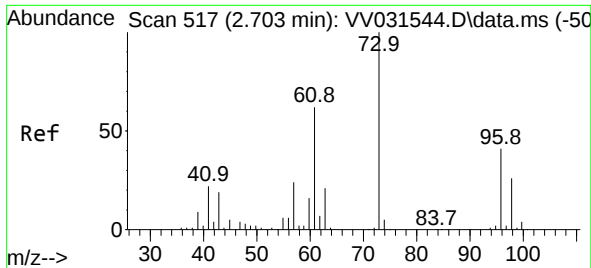
Reviewed By :John Carlone 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023



#12
 1,1-Dichloroethene
 Concen: 119.576 ug/L m
 RT: 2.076 min Scan# 322
 Delta R.T. 0.000 min
 Lab File: VV031547.D
 Acq: 15 Jun 2023 22:42

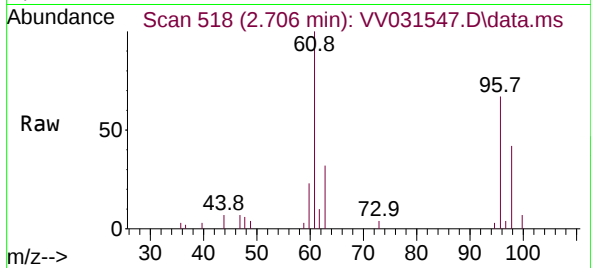
Tgt Ion: 96 Resp: 222840
 Ion Ratio Lower Upper
 96 100
 61 182.5 128.9 239.5
 63 85.2 95.3 177.1#





#17
trans-1,2-Dichloroethene
Concen: 3.315 ug/L
RT: 2.706 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV031547.D
Acq: 15 Jun 2023 22:42

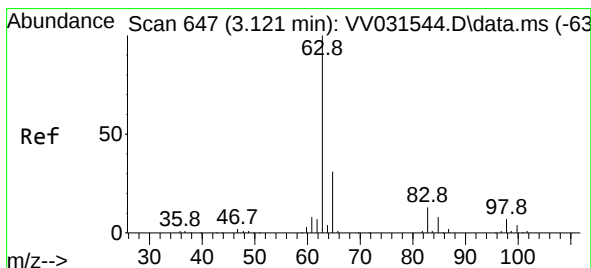
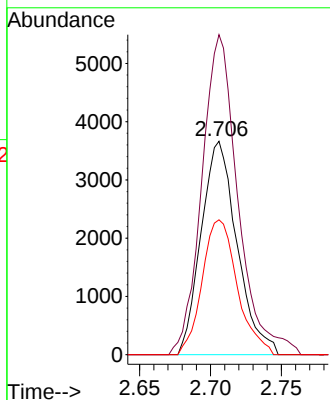
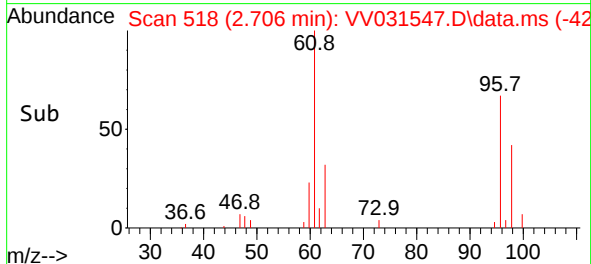
Instrument :
MSVOA_V
ClientSampleId :
EXYW1



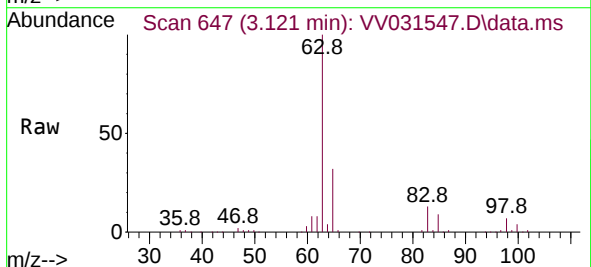
Tgt Ion: 96 Resp: 6448
Ion Ratio Lower Upper
96 100
61 156.8 102.5 190.3
98 59.9 44.1 81.9

Manual Integrations
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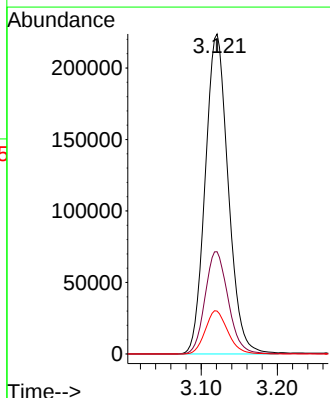
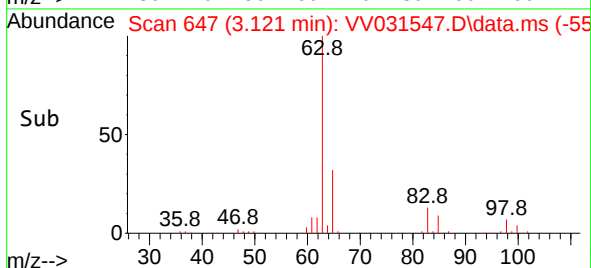
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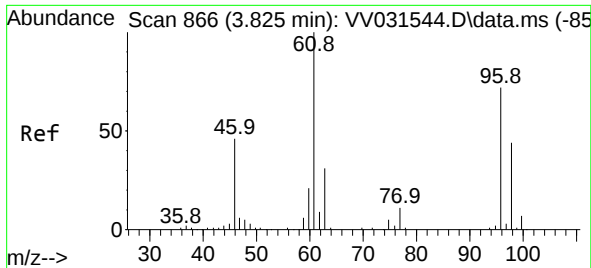


#19
1,1-Dichloroethane
Concen: 111.961 ug/L
RT: 3.121 min Scan# 647
Delta R.T. 0.000 min
Lab File: VV031547.D
Acq: 15 Jun 2023 22:42



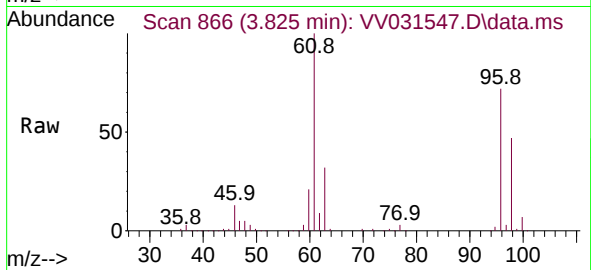
Tgt Ion: 63 Resp: 470064
Ion Ratio Lower Upper
63 100
65 31.9 22.5 41.7
83 13.4 10.0 18.6





#20
cis-1,2-Dichloroethene
Concen: 128.029 ug/L
RT: 3.825 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV031547.D
Acq: 15 Jun 2023 22:42

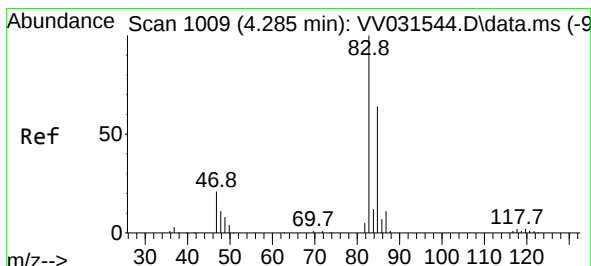
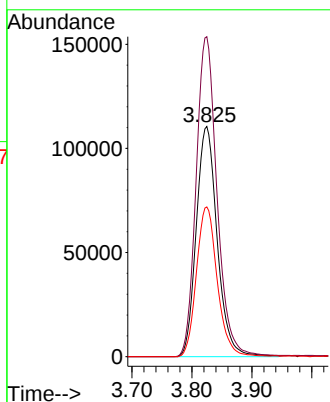
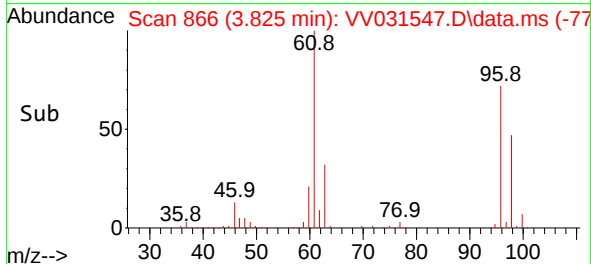
Instrument :
MSVOA_V
ClientSampleId :
EXYW1



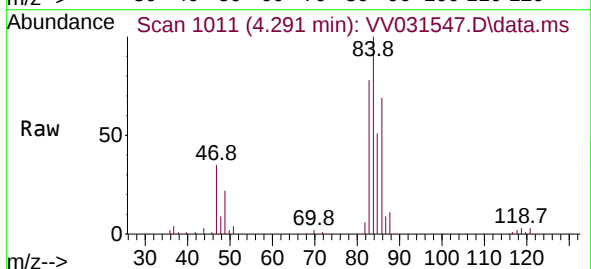
Tgt Ion: 96 Resp: 269149
Ion Ratio Lower Upper
96 100
61 139.0 98.6 183.0
98 65.1 45.7 84.9

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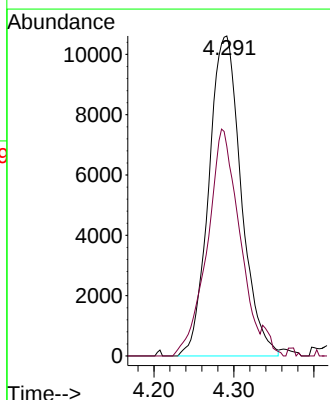
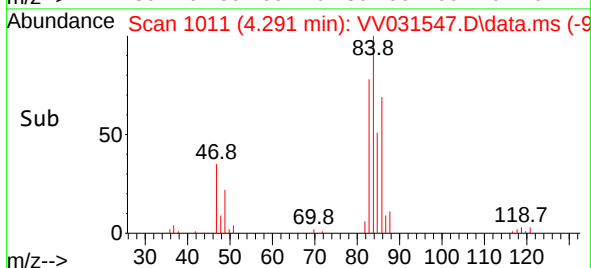
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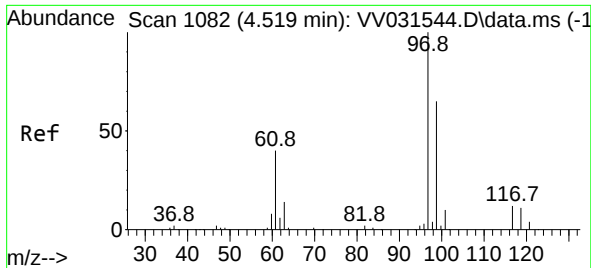


#25
Chloroform
Concen: 6.840 ug/L
RT: 4.291 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VV031547.D
Acq: 15 Jun 2023 22:42



Tgt Ion: 83 Resp: 29854
Ion Ratio Lower Upper
83 100
85 65.5 45.3 84.1





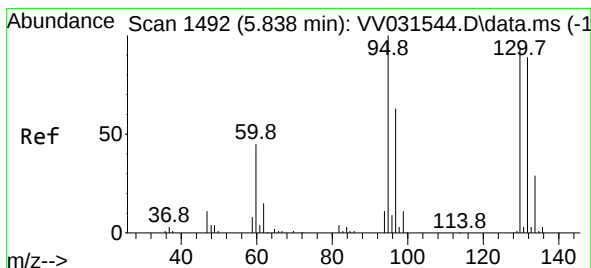
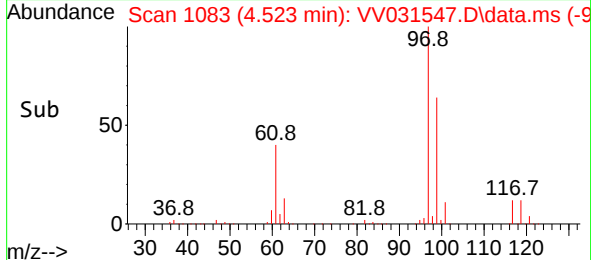
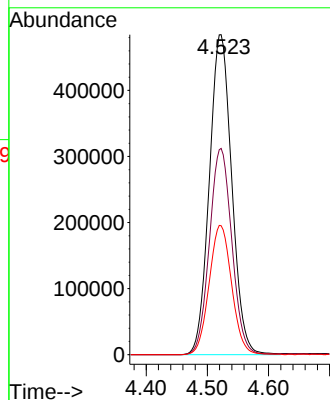
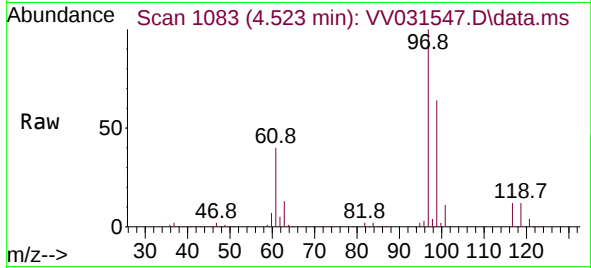
#30
1,1,1-Trichloroethane
Concen: 316.291 ug/L
RT: 4.523 min Scan# 1082
Delta R.T. 0.003 min
Lab File: VV031547.D
Acq: 15 Jun 2023 22:42

Instrument :
MSVOA_V
ClientSampleId :
EXYW1

Tgt Ion: 97 Resp: 1234670
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.6
61 40.5 33.0 49.6

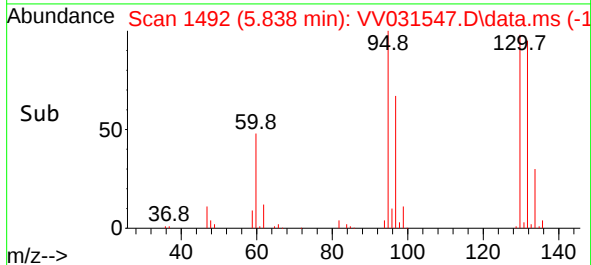
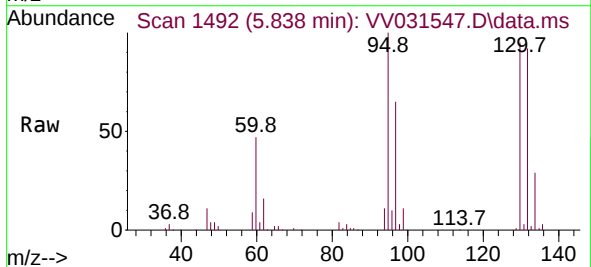
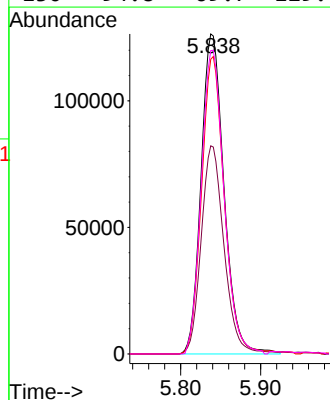
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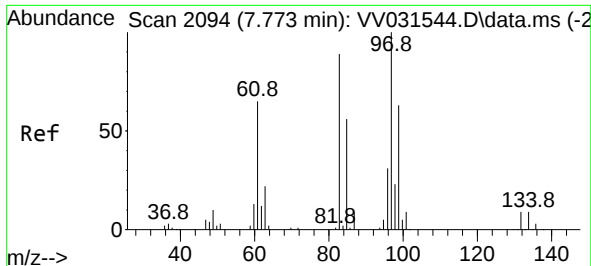
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#34
Trichloroethene
Concen: 116.830 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.000 min
Lab File: VV031547.D
Acq: 15 Jun 2023 22:42

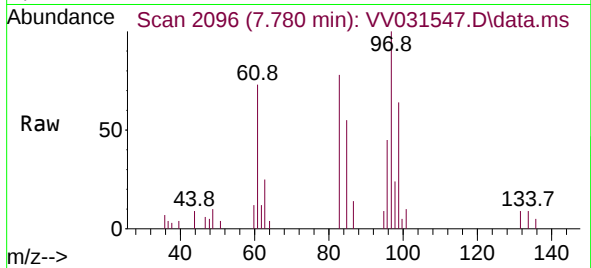
Tgt Ion: 95 Resp: 253066
Ion Ratio Lower Upper
95 100
97 65.1 46.8 86.8
132 94.5 66.4 123.2
130 94.8 69.7 129.4





#45
1,1,2-Trichloroethane
Concen: 2.519 ug/L
RT: 7.780 min Scan# 2094
Delta R.T. 0.006 min
Lab File: VV031547.D
Acq: 15 Jun 2023 22:42

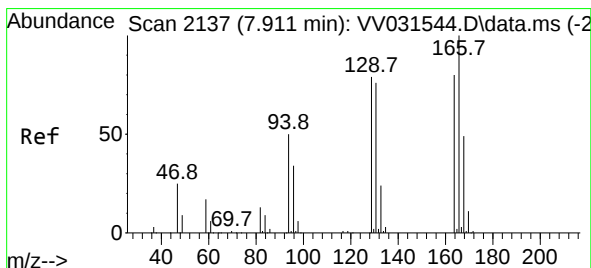
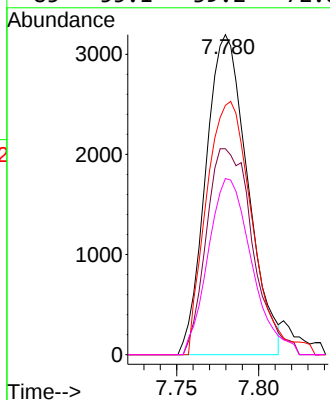
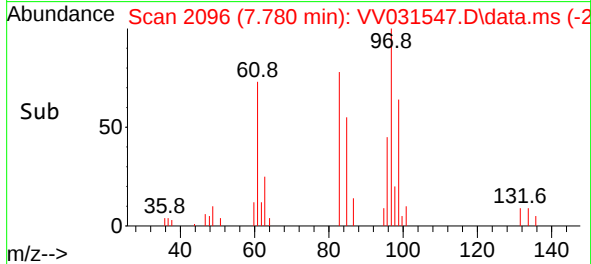
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Tgt Ion	Ratio	Lower	Upper
97	100		
99	69.1	43.7	81.1
83	77.9	60.9	113.1
85	55.1	39.2	72.8

Manual Integrations
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#46
Tetrachloroethene
Concen: 59.396 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VV031547.D
Acq: 15 Jun 2023 22:42

Tgt Ion	Ratio	Lower	Upper
164	100		
129	99.4	68.4	127.0
131	91.4	67.6	125.6
166	131.3	91.3	169.5

