

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
 Data File : VU050867.D
 Acq On : 21 Sep 2022 05:46
 Operator : JC/MD
 Sample : N4650-20
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ37

Quant Time: Sep 21 06:55:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 04:30:12 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	411917	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	399991	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	142457	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	184889	43.323	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.640%		
7) Chloroethane-d5	1.909	69	148749	48.939	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.880%		
11) 1,1-Dichloroethene-d2	2.571	63	428334	64.502	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	129.000%#		
21) 2-Butanone-d5	4.620	46	305021	110.706	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	110.710%		
24) Chloroform-d	5.063	84	322039	48.151	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.300%		
26) 1,2-Dichloroethane-d4	5.700	65	202117	49.037	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.080%		
32) Benzene-d6	5.726	84	639583	48.545	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.100%		
36) 1,2-Dichloropropane-d6	6.690	67	219086	49.265	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.520%		
41) Toluene-d8	7.896	98	511942	44.453	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.900%		
43) trans-1,3-Dichloroprop...	8.179	79	84308	43.579	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.160%		
47) 2-Hexanone-d5	8.632	63	182934	99.819	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.820%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	320807	47.316	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.640%		
66) 1,2-Dichlorobenzene-d4	12.192	152	162947	54.631	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	109.260%		
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.137	101	11839	2.248	ug/L	98
12) 1,1-Dichloroethene	2.581	96	382584m	120.812	ug/L	
17) trans-1,2-Dichloroethene	3.350	96	15510	4.779	ug/L	96
19) 1,1-Dichloroethane	3.867	63	1084730	165.397	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	292168	81.184	ug/L	98
27) 1,2-Dichloroethane	5.803	62	2195	0.442	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	2350308	441.671	ug/L	99
34) Trichloroethene	6.542	95	207738	60.754	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	9308	2.508	ug/L	95
46) Tetrachloroethene	8.552	164	203408	82.781	ug/L	99

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

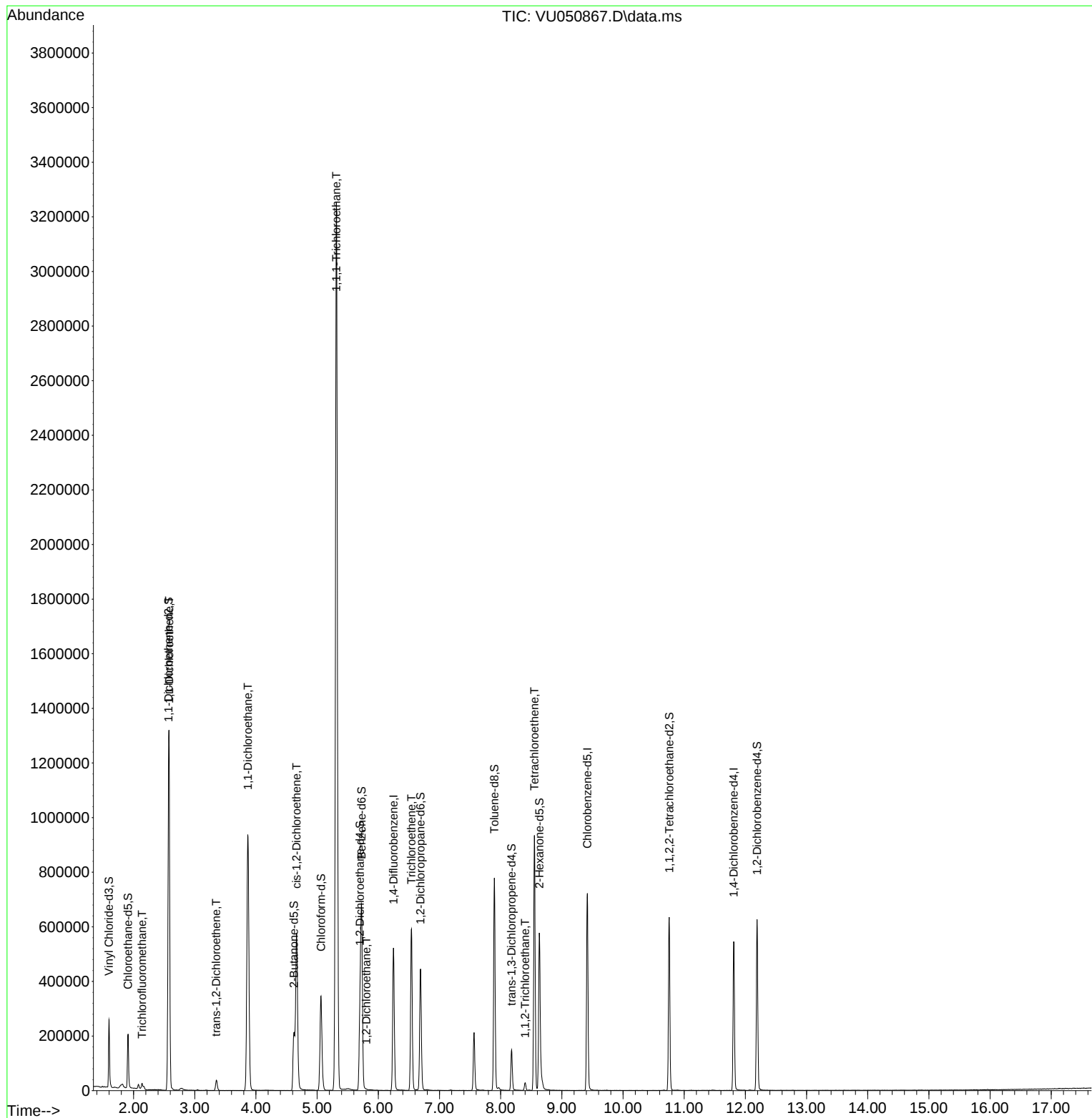
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
Data File : VU050867.D
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Operator : JC/MD
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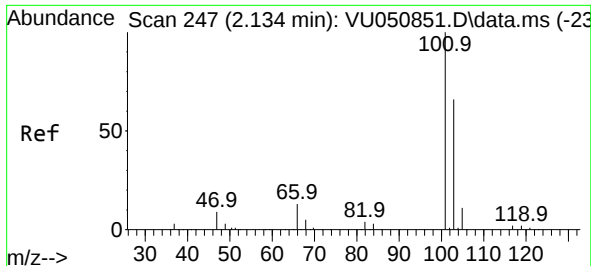
Instrument :
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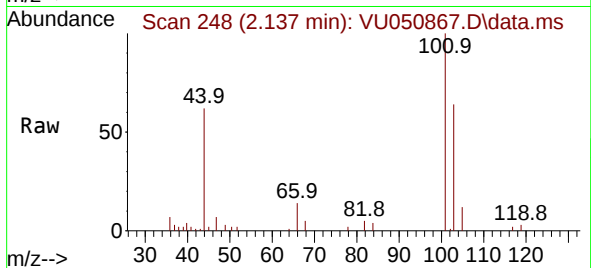
Quant Time: Sep 21 06:55:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 21 04:30:12 2022
Response via : Initial Calibration





#9
Trichlorofluoromethane
Concen: 2.248 ug/L
RT: 2.137 min Scan# 247
Delta R.T. 0.003 min
Lab File: VU050867.D
Acq: 21 Sep 2022 05:46

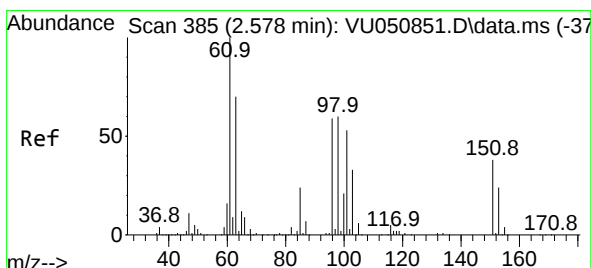
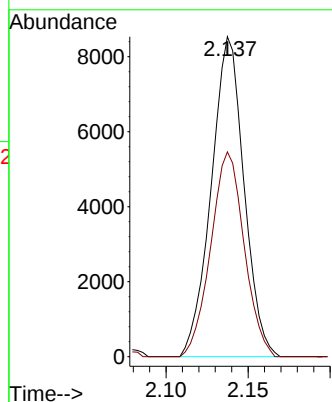
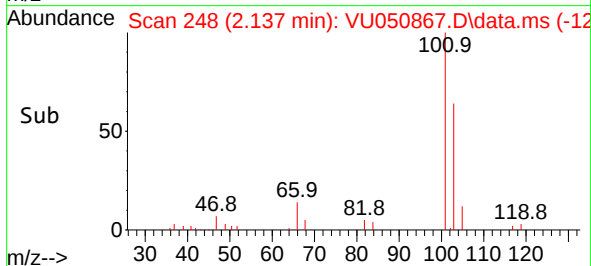
Instrument :
MSVOA_U
ClientSampleId :
EXZ37



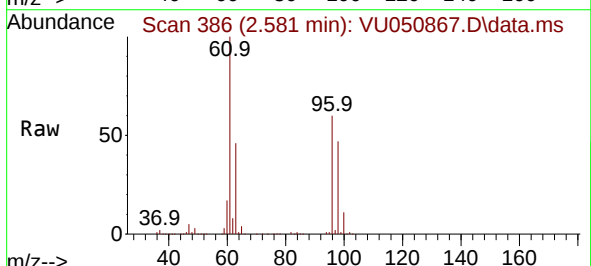
Tgt Ion:101 Resp: 11839
Ion Ratio Lower Upper
101 100
103 65.2 50.9 76.3

Manual Integrations
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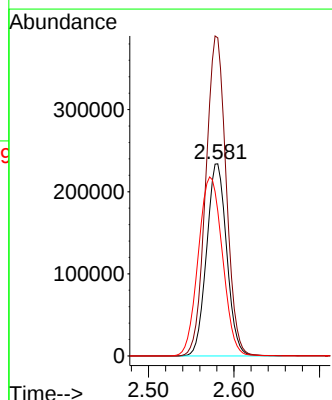
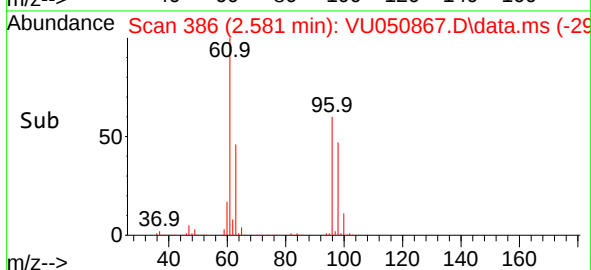
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Supervised By :Mahesh Dadoda 09/21/2022

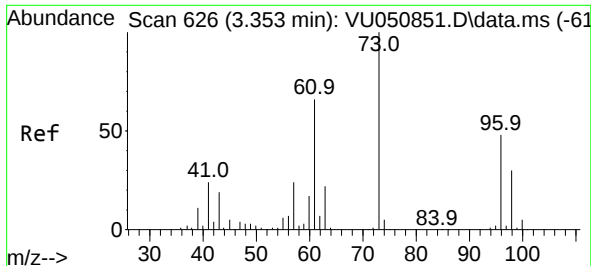


#12
1,1-Dichloroethene
Concen: 120.812 ug/L m
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU050867.D
Acq: 21 Sep 2022 05:46



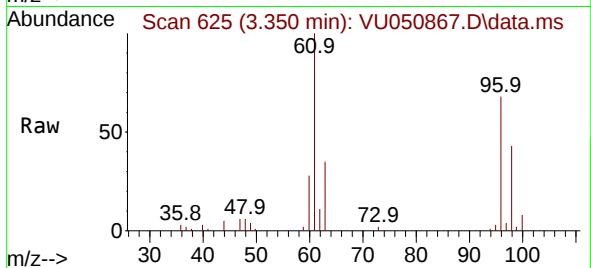
Tgt Ion: 96 Resp: 382584
Ion Ratio Lower Upper
96 100
61 165.6 118.6 220.2
63 75.4 90.4 168.0#





#17
trans-1,2-Dichloroethene
Concen: 4.779 ug/L
RT: 3.350 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU050867.D
Acq: 21 Sep 2022 05:46

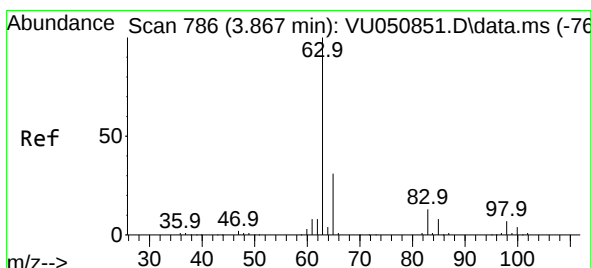
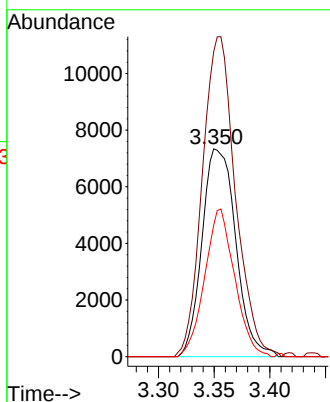
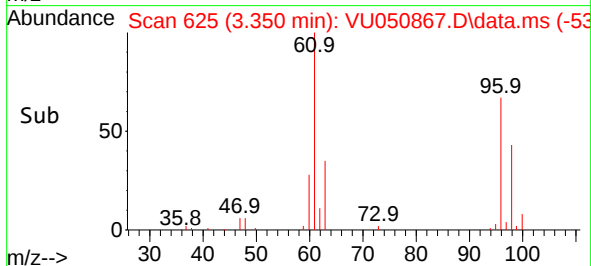
Instrument :
MSVOA_U
ClientSampleId :
EXZ37



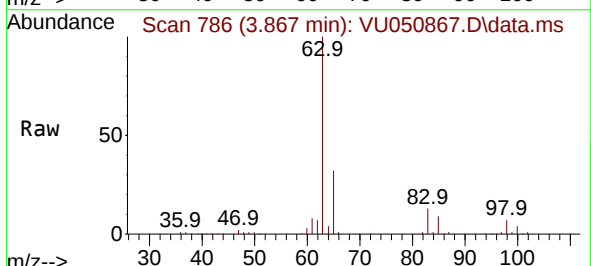
Tgt Ion: 96 Resp: 15510
Ion Ratio Lower Upper
96 100
61 146.8 98.0 182.0
98 63.3 44.3 82.3

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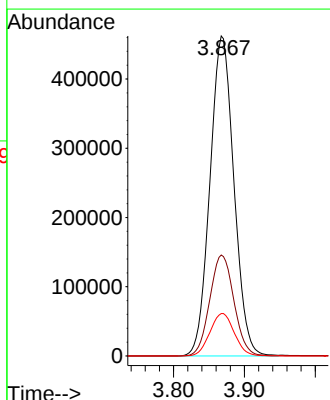
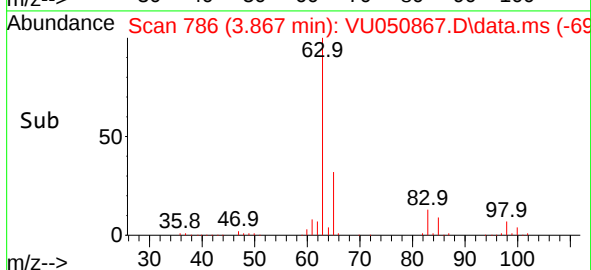
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

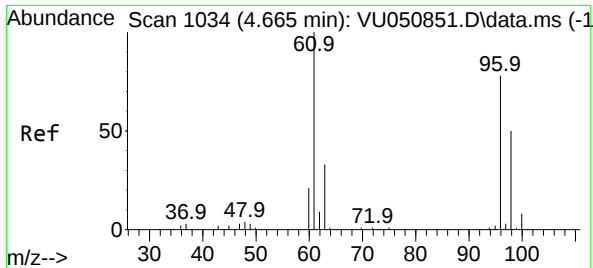


#19
1,1-Dichloroethane
Concen: 165.397 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU050867.D
Acq: 21 Sep 2022 05:46



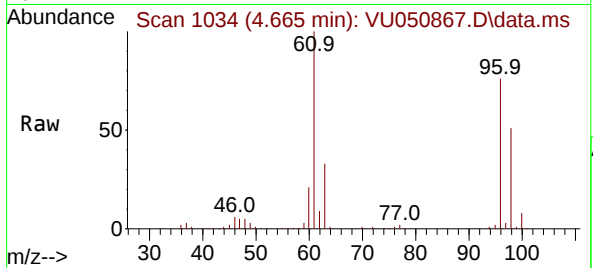
Tgt Ion: 63 Resp: 1084730
Ion Ratio Lower Upper
63 100
65 31.5 21.5 39.9
83 13.3 9.3 17.3





#20
cis-1,2-Dichloroethene
Concen: 81.184 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU050867.D
Acq: 21 Sep 2022 05:46

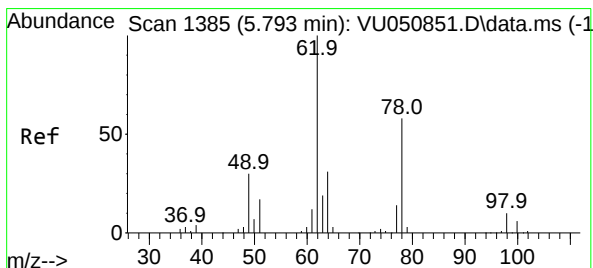
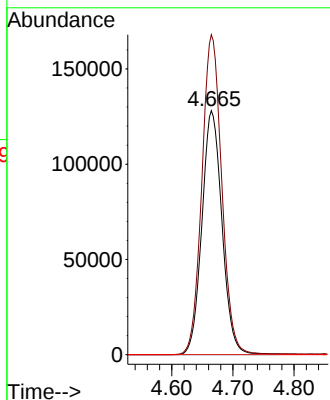
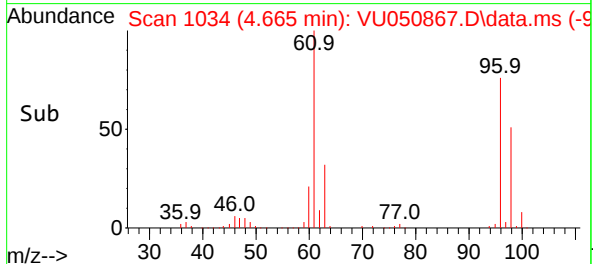
Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 96 Resp: 292168
Ion Ratio Lower Upper
96 100
61 131.1 90.1 167.3
68 0.0 0.0 0.0

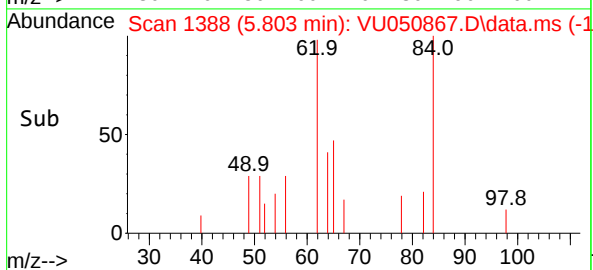
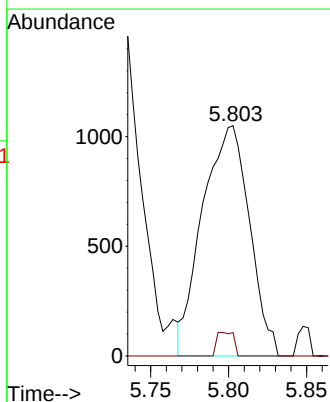
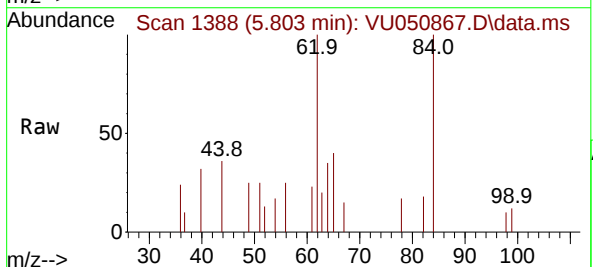
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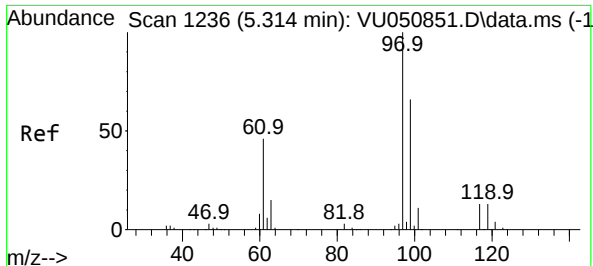
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#27
1,2-Dichloroethane
Concen: 0.442 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.010 min
Lab File: VU050867.D
Acq: 21 Sep 2022 05:46

Tgt Ion: 62 Resp: 2195
Ion Ratio Lower Upper
62 100
98 10.1 7.4 11.0





#30

1,1,1-Trichloroethane

Concen: 441.671 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU050867.D

Acq: 21 Sep 2022 05:46

Instrument :

MSVOA_U

ClientSampleId :

EXZ37

Tgt Ion: 97 Resp: 2350308

Ion Ratio Lower Upper

97 100

99 64.7 52.2 78.2

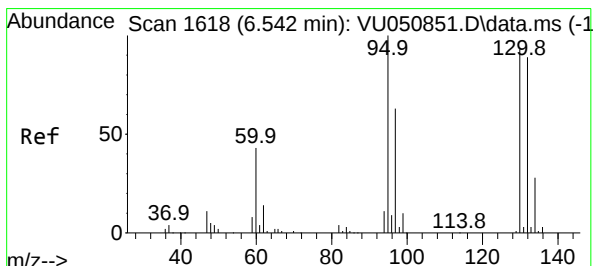
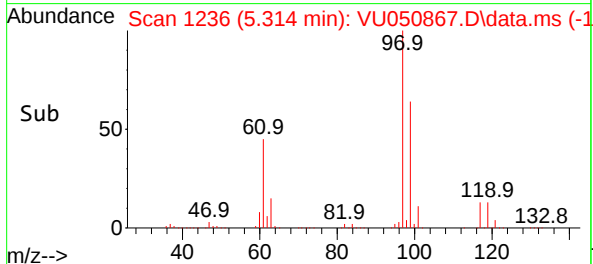
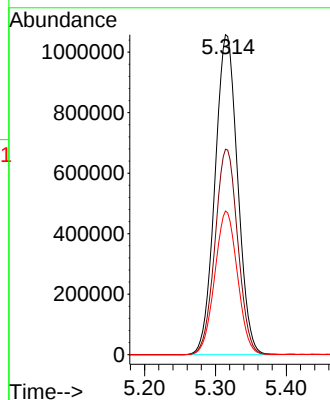
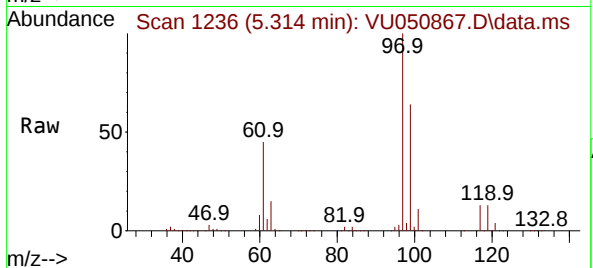
61 45.1 37.1 55.7

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#34

Trichloroethene

Concen: 60.754 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU050867.D

Acq: 21 Sep 2022 05:46

Tgt Ion: 95 Resp: 207738

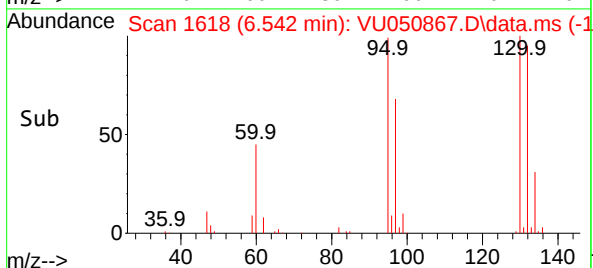
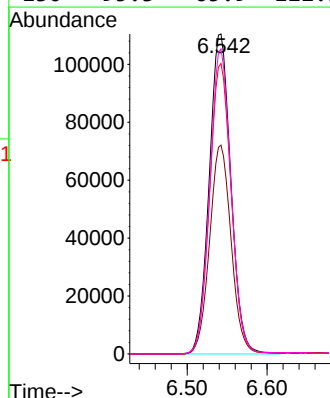
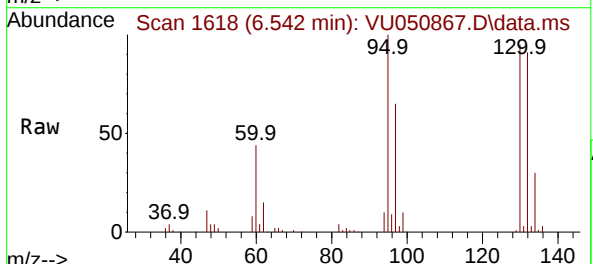
Ion Ratio Lower Upper

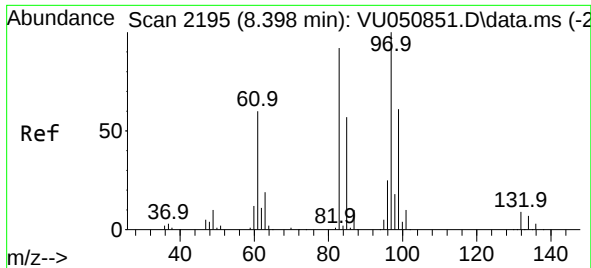
95 100

97 65.3 43.9 81.5

132 90.7 63.1 117.1

130 95.3 65.9 122.3





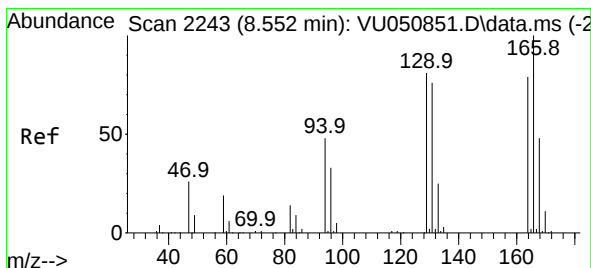
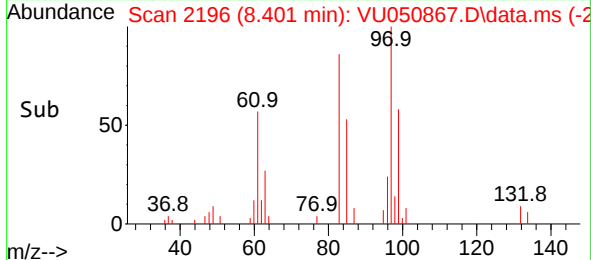
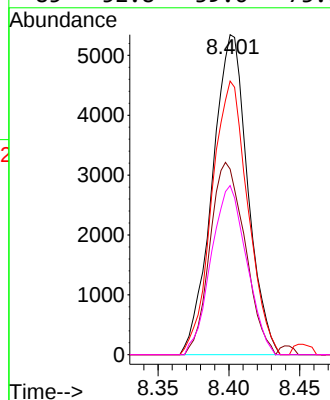
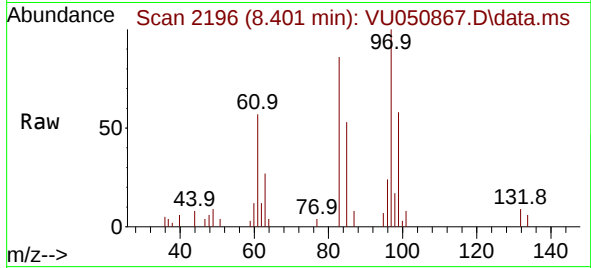
#45
1,1,2-Trichloroethane
Concen: 2.508 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU050867.D
Acq: 21 Sep 2022 05:46

Instrument :
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ClientSampleId :
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Tgt Ion:	97	Resp:	9308
Ion	Ratio	Lower	Upper
97	100		
99	58.0	43.8	81.4
83	85.5	62.6	116.3
85	52.8	39.6	73.6

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Supervised By :Mahesh Dadoda 09/21/2022



#46
Tetrachloroethene
Concen: 82.781 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU050867.D
Acq: 21 Sep 2022 05:46

Tgt Ion:	164	Resp:	203408
Ion	Ratio	Lower	Upper
164	100		
129	96.1	68.5	127.3
131	95.1	66.1	122.7
166	126.6	88.8	164.8

