

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042423\
 Data File : VW030821.D
 Acq On : 25 Apr 2023 03:06
 Operator : SY/MD
 Sample : 02418-11MSDME
 Misc : 3.58g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW8Z5MSD

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/26/2023
 Supervised By :Mahesh Dadoda 04/26/2023

Quant Time: Apr 25 05:32:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 22 00:43:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	254186	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	246969	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.198	152	150461	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	120098	64.452	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 128.900%	
7) Chloroethane-d5	1.526	69	121798	78.000	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	= 156.000%#	
11) 1,1-Dichloroethene-d2	2.047	65	60074	67.982	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	= 135.960%#	
21) 2-Butanone-d5	3.812	46	167849	163.999	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 164.000%#	
24) Chloroform-d	4.259	84	263272	77.963	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 155.920%#	
26) 1,2-Dichloroethane-d4	4.950	65	181079	83.406	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 166.820%#	
32) Benzene-d6	4.963	84	493318	84.486	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 168.980%#	
36) 1,2-Dichloropropane-d6	5.998	67	146854	80.967	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 161.940%#	
41) Toluene-d8	7.249	98	475216	86.682	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 173.360%#	
43) trans-1,3-Dichloroprop...	7.561	79	82216	89.935	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 179.880%#	
47) 2-Hexanone-d5	8.069	63	117245m	164.091	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	= 164.090%#	
56) 1,1,2,2-Tetrachloroeth...	10.169	84	219053	83.231	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 166.460%#	
66) 1,2-Dichlorobenzene-d4	11.574	152	207164	86.624	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 173.240%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	136048	62.253	ug/L	100
3) Chloromethane	1.217	50	203452	70.969	ug/L	99
5) Vinyl chloride	1.285	62	146568	63.415	ug/L	98
6) Bromomethane	1.487	94	90175	98.394	ug/L	96
8) Chloroethane	1.542	64	111102	70.085	ug/L	98
9) Trichlorofluoromethane	1.693	101	294709	78.675	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.053	101	142830	72.553	ug/L	99
12) 1,1-Dichloroethene	2.060	96	125309	70.404	ug/L	93
13) Acetone	2.134	43	142304	89.854	ug/L	99
14) Carbon disulfide	2.230	76	319478	63.550	ug/L	99
15) Methyl Acetate	2.384	43	153174	72.475	ug/L	99
16) Methylene chloride	2.445	84	137202	67.362	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	126821	70.582	ug/L	98
18) Methyl tert-butyl Ether	2.716	73	472852	82.160	ug/L	98
19) 1,1-Dichloroethane	3.111	63	259974	70.966	ug/L	98
20) cis-1,2-Dichloroethene	3.818	96	145697	74.542	ug/L	98
22) 2-Butanone	3.892	43	199030	121.608	ug/L	96
23) Bromochloromethane	4.156	128	71408	65.413	ug/L	97
25) Chloroform	4.285	83	275636	72.695	ug/L	98

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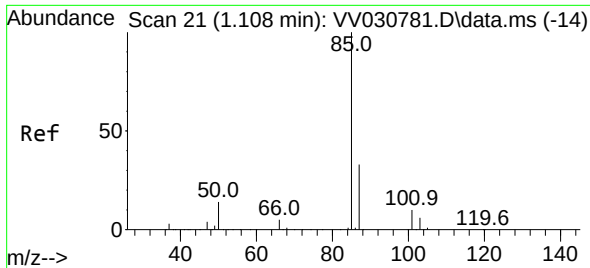
Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/26/2023
 Supervised By :Mahesh Dadoda 04/26/2023

Quant Time: Apr 25 05:32:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
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 Response via : Initial Calibration

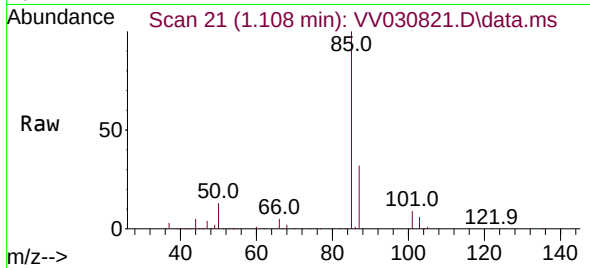
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	245088	76.359	ug/L	99
29) Cyclohexane	4.584	56	224832	75.861	ug/L	98
30) 1,1,1-Trichloroethane	4.516	97	252958	72.893	ug/L	99
31) Carbon tetrachloride	4.738	117	223574	72.058	ug/L	99
33) Benzene	5.015	78	554454	73.931	ug/L	100
34) Trichloroethene	5.838	95	145322	74.496	ug/L	98
35) Methylcyclohexane	6.053	83	232736	76.141	ug/L	99
37) 1,2-Dichloropropane	6.101	63	147391	73.017	ug/L	100
38) Bromodichloromethane	6.442	83	208790	73.632	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	241575	79.738	ug/L	100
40) 4-Methyl-2-pentanone	7.172	43	295230	104.702	ug/L	98
42) Toluene	7.323	91	614441	76.491	ug/L	97
44) trans-1,3-Dichloropropene	7.590	75	237763	79.880	ug/L	99
45) 1,1,2-Trichloroethane	7.780	97	149152	73.688	ug/L	98
46) Tetrachloroethene	7.911	164	128161	75.058	ug/L	99
48) 2-Hexanone	8.117	43	340029m	146.148	ug/L	
49) Dibromochloromethane	8.188	129	166308	74.489	ug/L	96
50) 1,2-Dibromoethane	8.291	107	153611	73.243	ug/L	99
51) Chlorobenzene	8.821	112	407213	76.543	ug/L	99
52) Ethylbenzene	8.953	91	704739	79.248	ug/L	100
53) m,p-Xylene	9.082	106	272133	81.014	ug/L	100
54) o-Xylene	9.487	106	267454	81.389	ug/L	98
55) Styrene	9.506	104	476367	82.526	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.194	83	240820	72.465	ug/L	100
59) Bromoform	9.683	173	134922	71.623	ug/L	98
60) Isopropylbenzene	9.876	105	735291	78.359	ug/L	99
61) 1,2,3-Trichloropropane	10.223	75	186838	69.332	ug/L	99
62) 1,3,5-Trimethylbenzene	10.487	105	627255	81.189	ug/L	100
63) 1,2,4-Trimethylbenzene	10.863	105	623584	80.838	ug/L	99
64) 1,3-Dichlorobenzene	11.130	146	368670	78.475	ug/L	100
65) 1,4-Dichlorobenzene	11.220	146	377096	76.120	ug/L	100
67) 1,2-Dichlorobenzene	11.590	146	369536	77.970	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.374	75	51848	64.939	ug/L	98
69) 1,3,5-Trichlorobenzene	12.593	180	283134	79.782	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	252664	83.853	ug/L	99
71) Naphthalene	13.448	128	704905	85.520	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	250589	83.868	ug/L	99

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



#2
 Dichlorodifluoromethane
 Concen: 62.253 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030821.D
 Acq: 25 Apr 2023 03:06

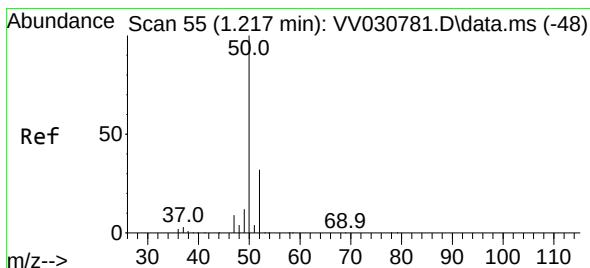
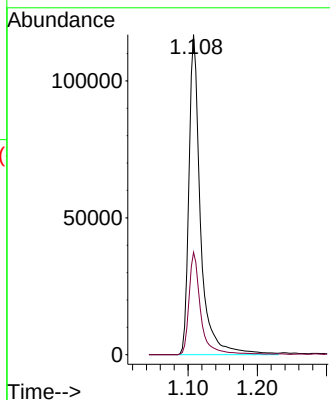
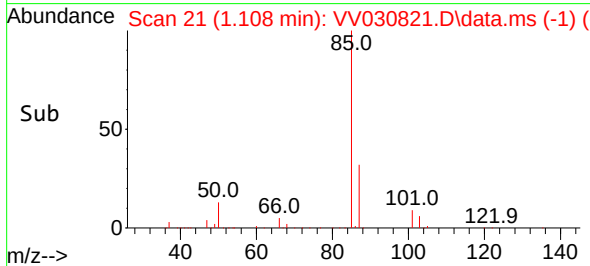
Instrument :
 MSVOA_V
 ClientSampleId :
 EW8Z5MSD



Tgt Ion: 85 Resp: 136048
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.6 38.4

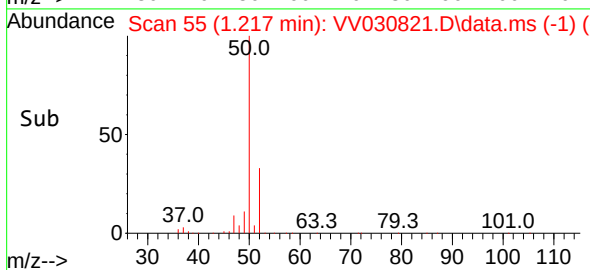
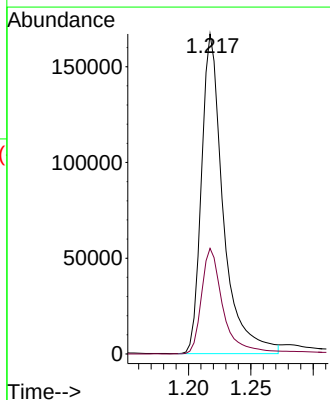
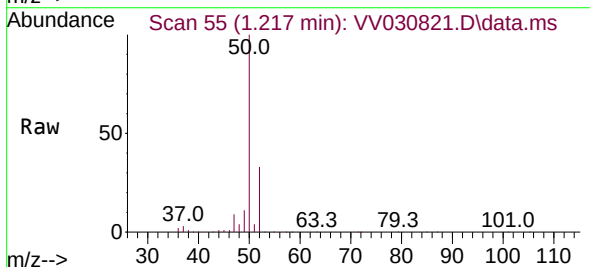
Manual Integrations
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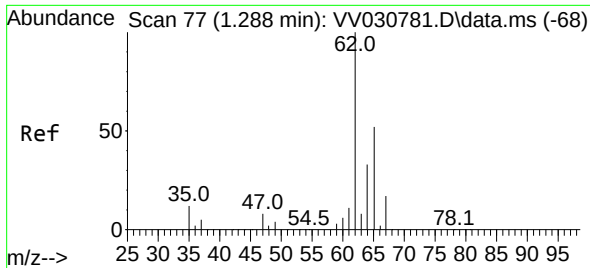
Reviewed By :Krupa Patel 04/26/2023
 Supervised By :Mahesh Dadoda 04/26/2023



#3
 Chloromethane
 Concen: 70.969 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV030821.D
 Acq: 25 Apr 2023 03:06

Tgt Ion: 50 Resp: 203452
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.5 41.9





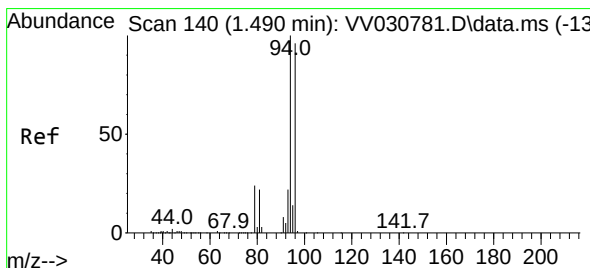
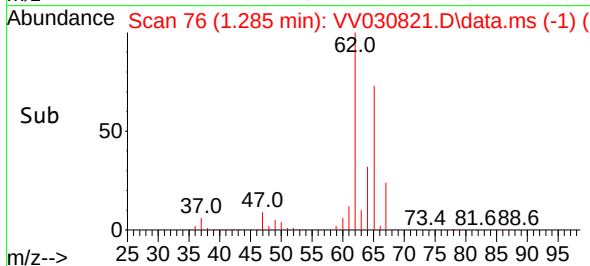
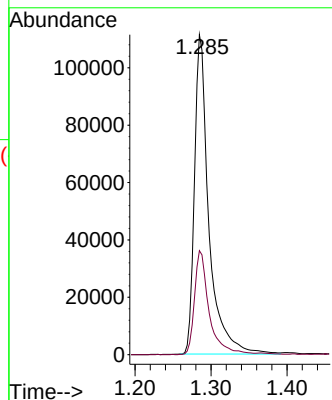
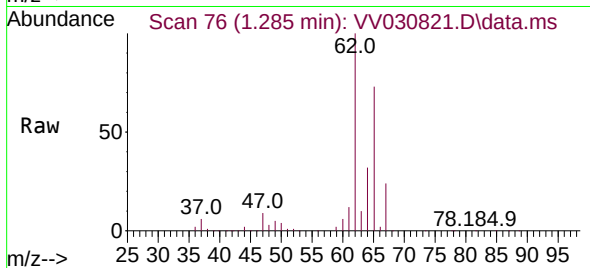
#5
 Vinyl chloride
 Concen: 63.415 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VV030821.D
 Acq: 25 Apr 2023 03:06

Instrument :
 MSVOA_V
 ClientSampleId :
 EW8Z5MSD

Tgt Ion: 62 Resp: 146568
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.4 43.4

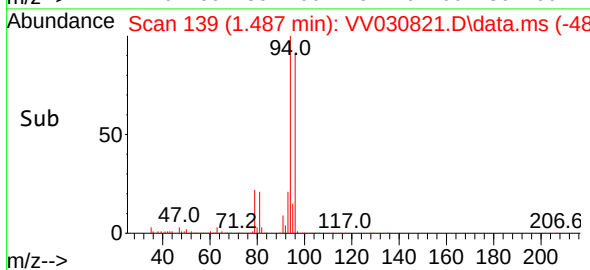
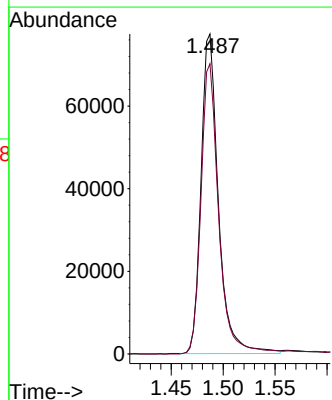
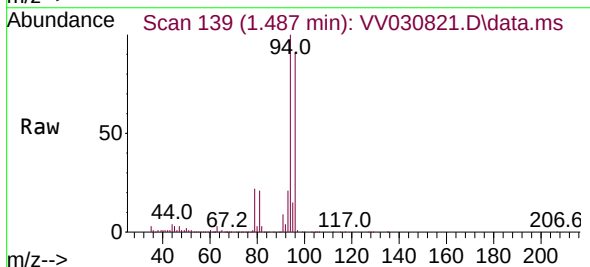
Manual Integrations
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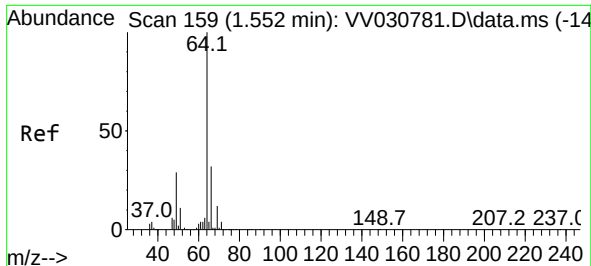
Reviewed By :Krupa Patel 04/26/2023
 Supervised By :Mahesh Dadoda 04/26/2023



#6
 Bromomethane
 Concen: 98.394 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.007 min
 Lab File: VV030821.D
 Acq: 25 Apr 2023 03:06

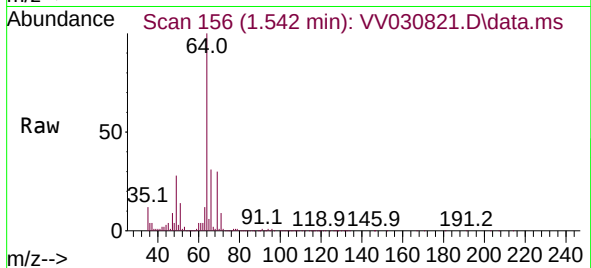
Tgt Ion: 94 Resp: 90175
 Ion Ratio Lower Upper
 94 100
 96 90.7 66.3 123.1





#8
Chloroethane
Concen: 70.085 ug/L
RT: 1.542 min Scan# 11110
Delta R.T. -0.013 min
Lab File: VV030821.D
Acq: 25 Apr 2023 03:06

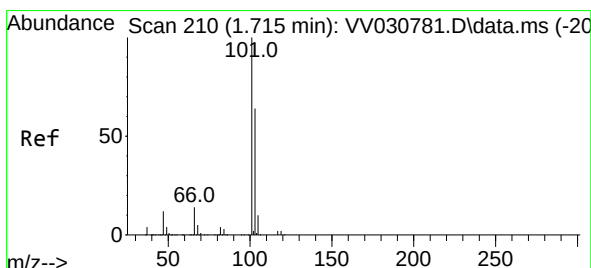
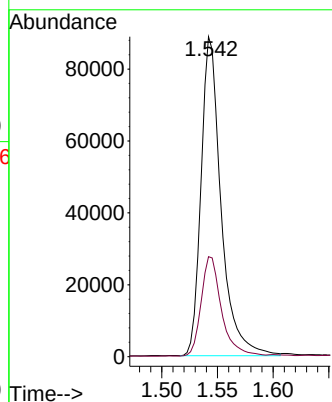
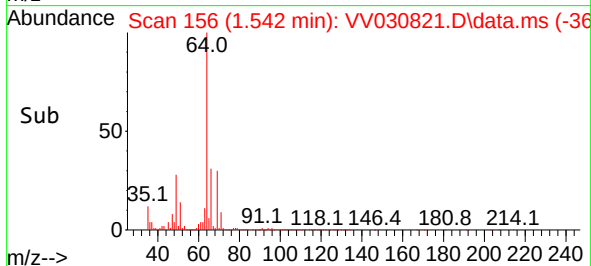
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MSD



Tgt Ion: 64 Resp: 11110
Ion Ratio Lower Upper
64 100
66 31.3 22.7 42.3

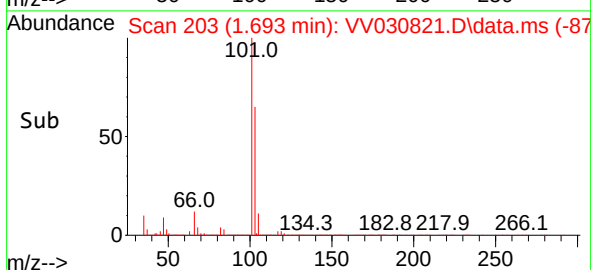
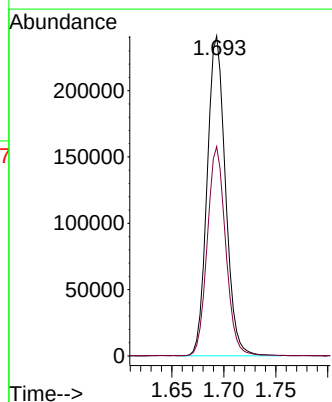
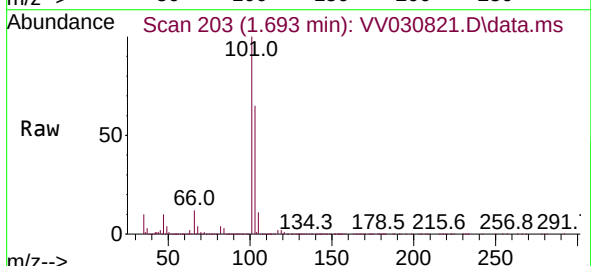
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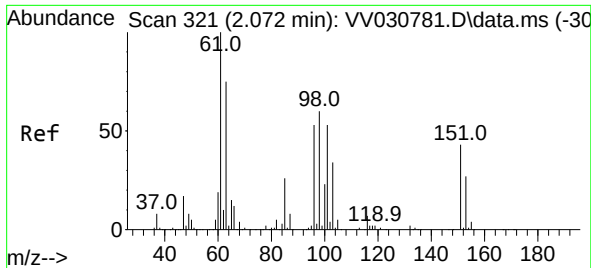
Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#9
Trichlorofluoromethane
Concen: 78.675 ug/L
RT: 1.693 min Scan# 203
Delta R.T. -0.026 min
Lab File: VV030821.D
Acq: 25 Apr 2023 03:06

Tgt Ion:101 Resp: 294709
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.0





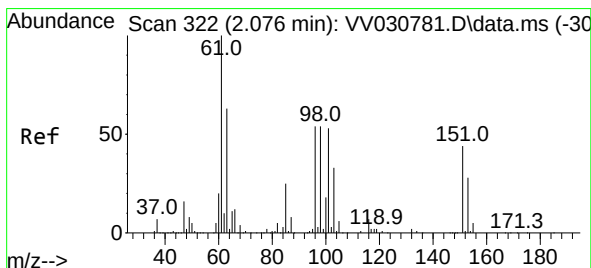
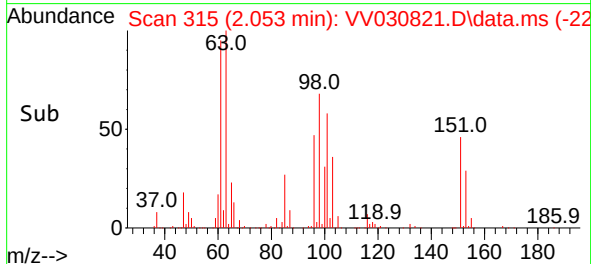
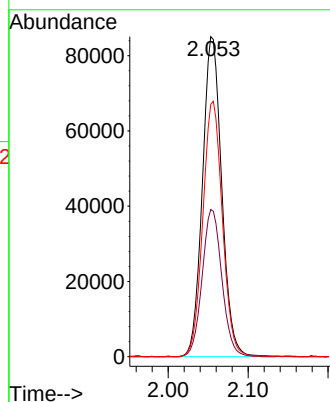
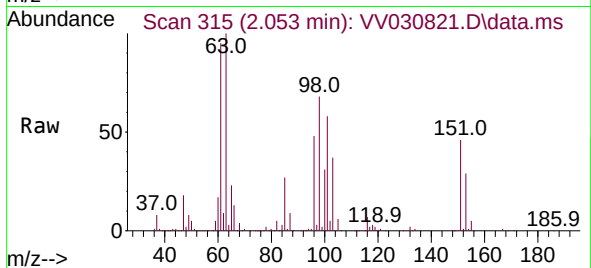
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1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 72.553 ug/L
RT: 2.053 min Scan# 315
Delta R.T. -0.023 min
Lab File: VV030821.D
Acq: 25 Apr 2023 03:06

Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MSD

Tgt Ion:101 Resp: 142830
Ion Ratio Lower Upper
101 100
85 46.9 37.5 56.3
151 81.0 63.5 95.3

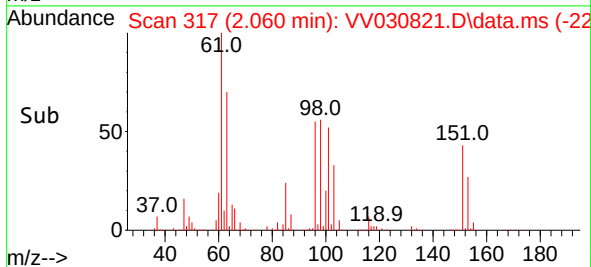
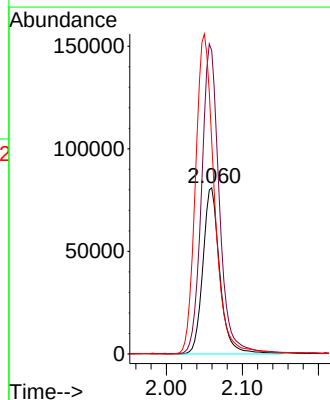
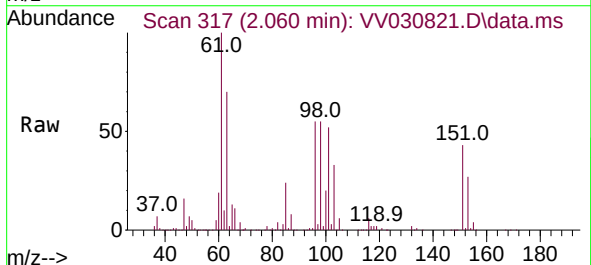
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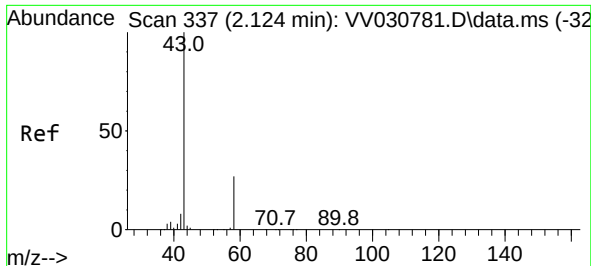
Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#12
1,1-Dichloroethene
Concen: 70.404 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.016 min
Lab File: VV030821.D
Acq: 25 Apr 2023 03:06

Tgt Ion: 96 Resp: 125309
Ion Ratio Lower Upper
96 100
61 182.6 131.9 245.0
63 128.1 99.8 185.3





#13

Acetone

Concen: 89.854 ug/L

RT: 2.134 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV030821.D

Acq: 25 Apr 2023 03:06

Instrument :

MSVOA_V

ClientSampleId :

EW8Z5MSD

Tgt Ion: 43 Resp: 142304

Ion Ratio Lower Upper

43 100

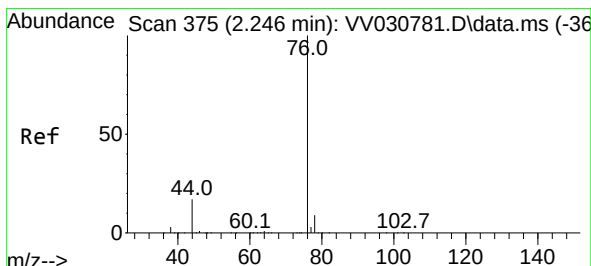
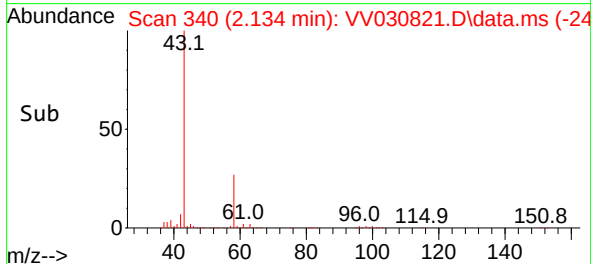
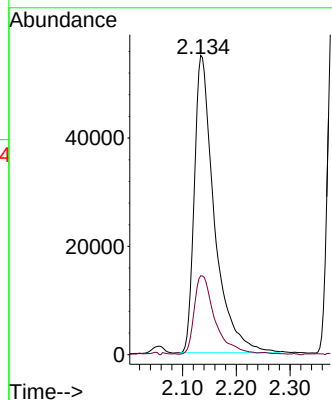
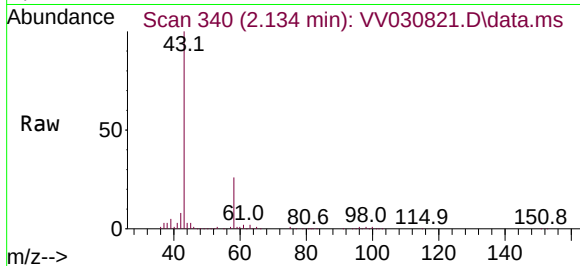
58 27.1 0.0 52.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#14

Carbon disulfide

Concen: 63.550 ug/L

RT: 2.230 min Scan# 370

Delta R.T. -0.016 min

Lab File: VV030821.D

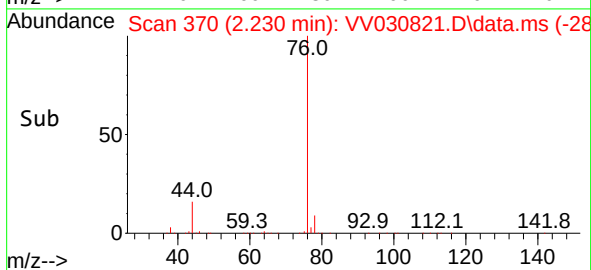
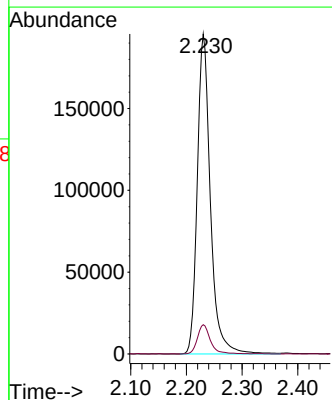
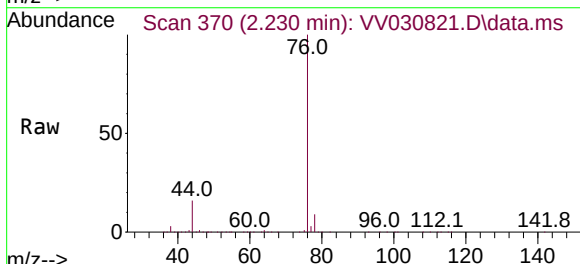
Acq: 25 Apr 2023 03:06

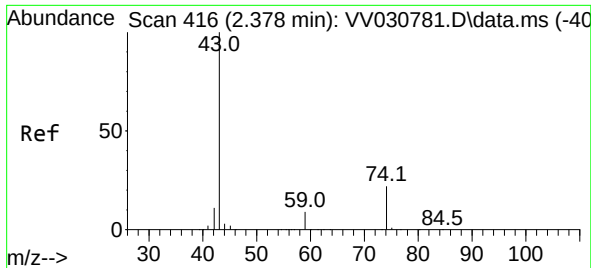
Tgt Ion: 76 Resp: 319478

Ion Ratio Lower Upper

76 100

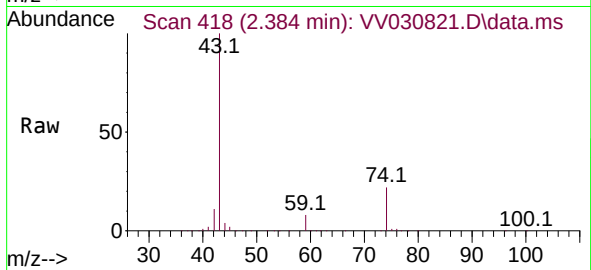
78 9.1 7.0 10.4





#15
Methyl Acetate
Concen: 72.475 ug/L
RT: 2.384 min Scan# 416
Delta R.T. 0.003 min
Lab File: VV030821.D
Acq: 25 Apr 2023 03:06

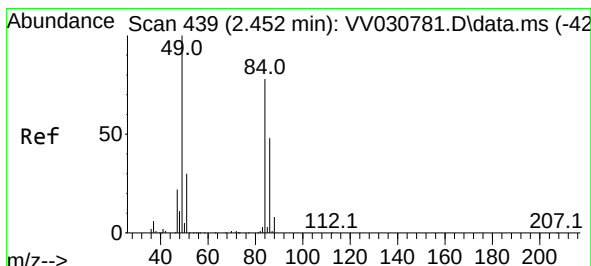
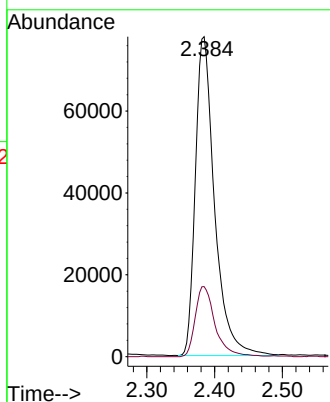
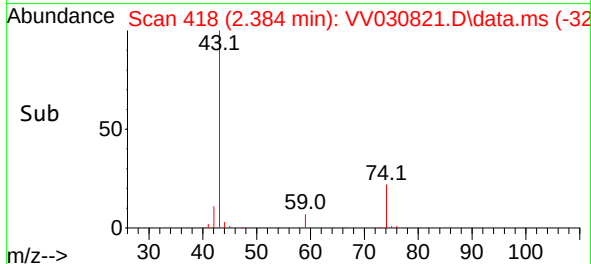
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MSD



Tgt Ion: 43 Resp: 153174
Ion Ratio Lower Upper
43 100
74 22.7 17.7 26.5

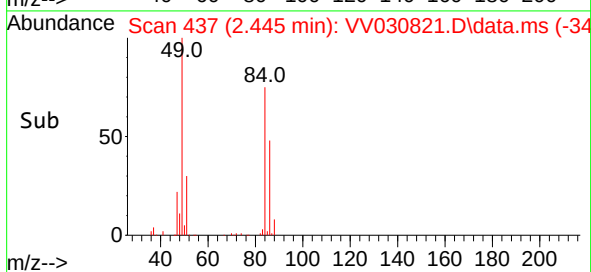
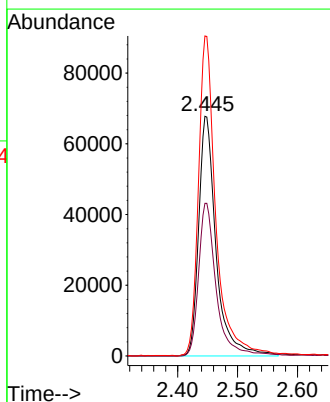
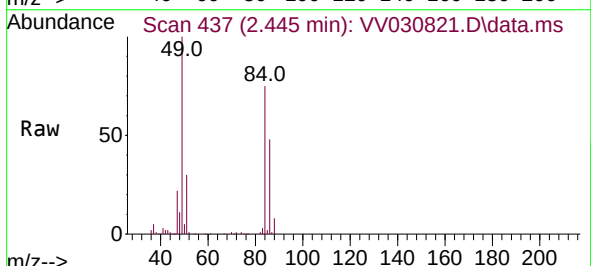
Manual Integrations
APPROVED

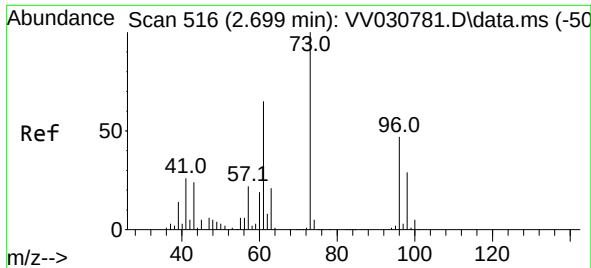
Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#16
Methylene chloride
Concen: 67.362 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.010 min
Lab File: VV030821.D
Acq: 25 Apr 2023 03:06

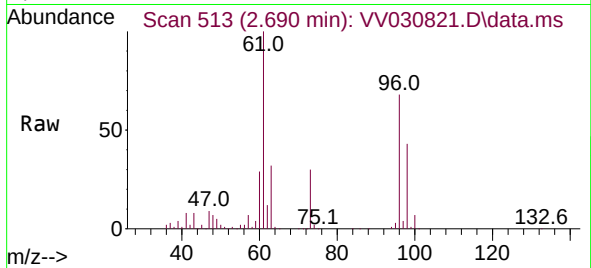
Tgt Ion: 84 Resp: 137202
Ion Ratio Lower Upper
84 100
86 63.7 45.4 84.2
49 133.5 90.4 168.0





#17
trans-1,2-Dichloroethene
Concen: 70.582 ug/L
RT: 2.690 min Scan# 516
Delta R.T. -0.010 min
Lab File: VV030821.D
Acq: 25 Apr 2023 03:06

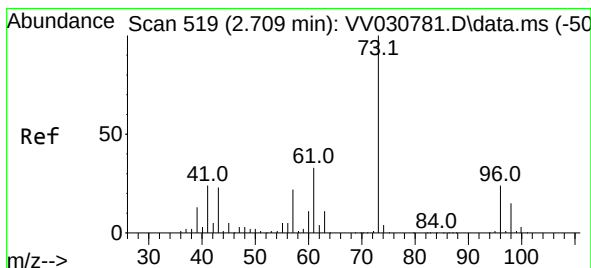
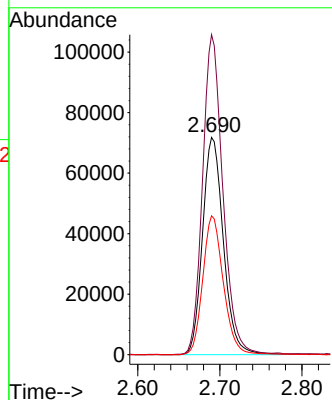
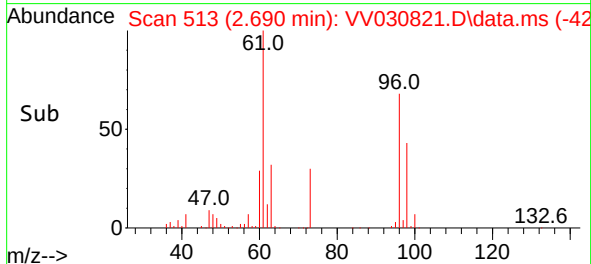
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MSD



Tgt Ion: 96 Resp: 12682
Ion Ratio Lower Upper
96 100
61 147.3 101.0 187.6
98 63.9 45.4 84.2

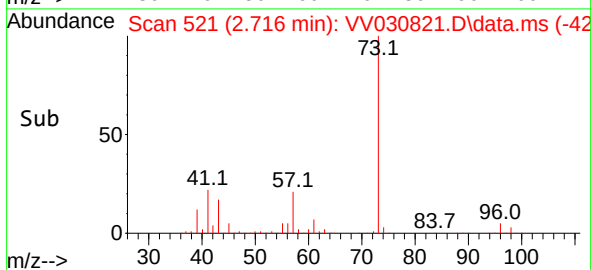
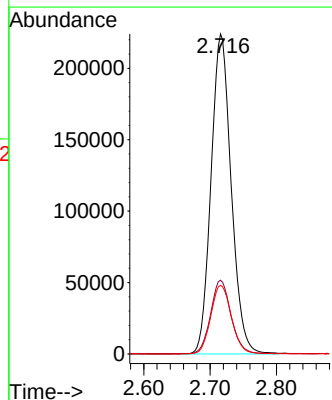
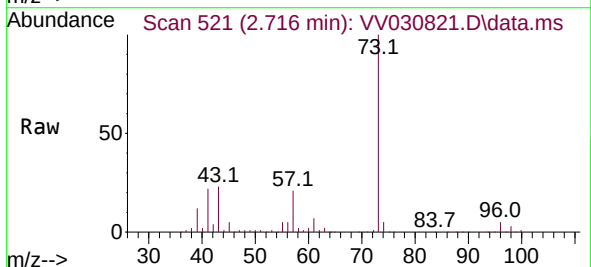
Manual Integrations
APPROVED

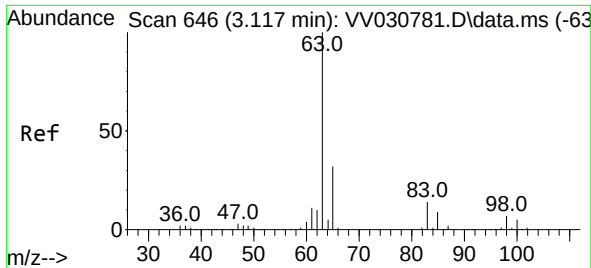
Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#18
Methyl tert-butyl Ether
Concen: 82.160 ug/L
RT: 2.716 min Scan# 521
Delta R.T. 0.003 min
Lab File: VV030821.D
Acq: 25 Apr 2023 03:06

Tgt Ion: 73 Resp: 472852
Ion Ratio Lower Upper
73 100
43 23.0 17.6 26.4
57 21.9 18.2 27.2





#19

1,1-Dichloroethane

Concen: 70.966 ug/L

RT: 3.111 min Scan# 64

Delta R.T. -0.010 min

Lab File: VV030821.D

Acq: 25 Apr 2023 03:06

Instrument :

MSVOA_V

ClientSampleId :

EW8Z5MSD

Tgt Ion: 63 Resp: 259974

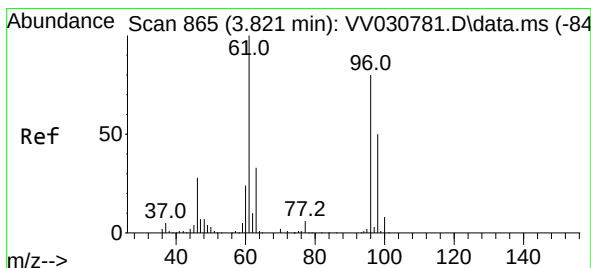
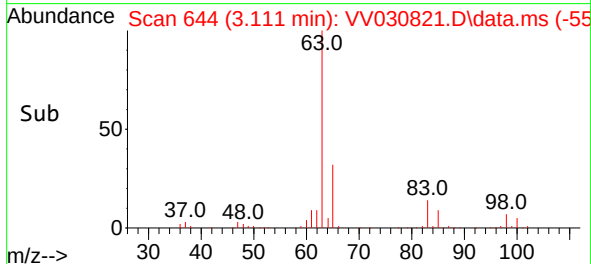
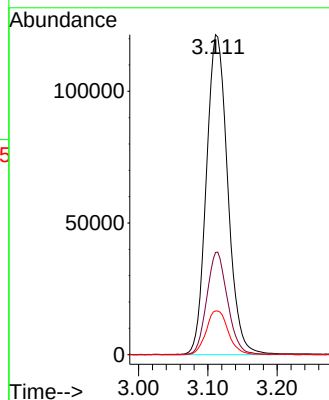
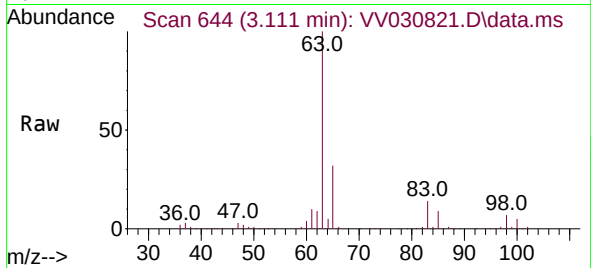
Ion	Ratio	Lower	Upper
63	100		
65	31.9	21.8	40.6
83	13.7	10.2	19.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#20

cis-1,2-Dichloroethene

Concen: 74.542 ug/L

RT: 3.818 min Scan# 864

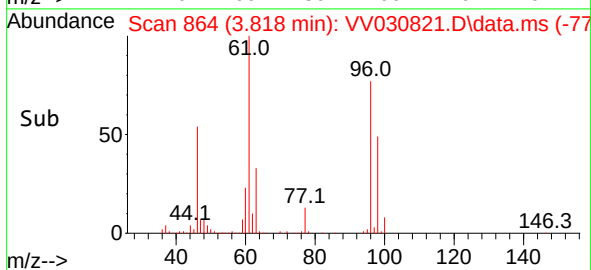
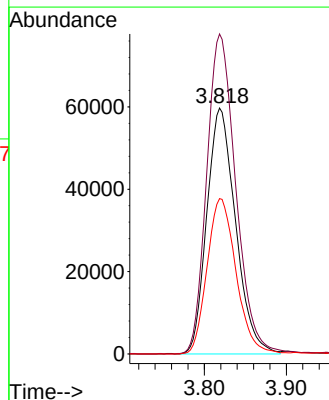
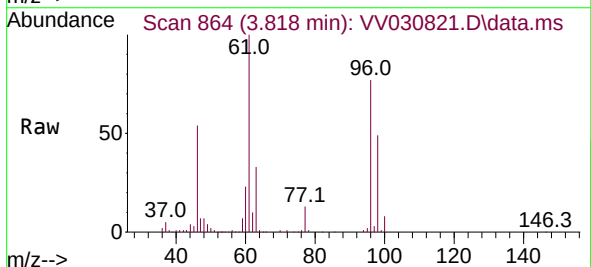
Delta R.T. -0.007 min

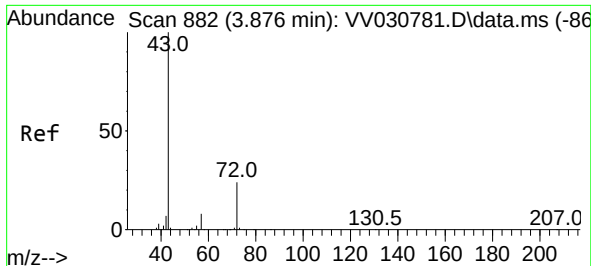
Lab File: VV030821.D

Acq: 25 Apr 2023 03:06

Tgt Ion: 96 Resp: 145697

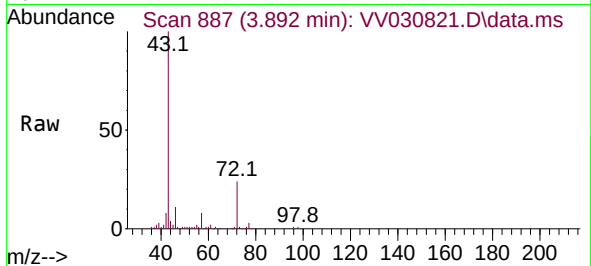
Ion	Ratio	Lower	Upper
96	100		
61	130.1	92.3	171.3
98	63.2	45.9	85.3





#22
2-Butanone
Concen: 121.608 ug/L
RT: 3.892 min Scan# 882
Delta R.T. 0.010 min
Lab File: VV030821.D
Acq: 25 Apr 2023 03:06

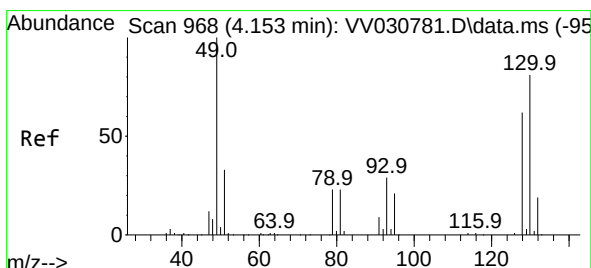
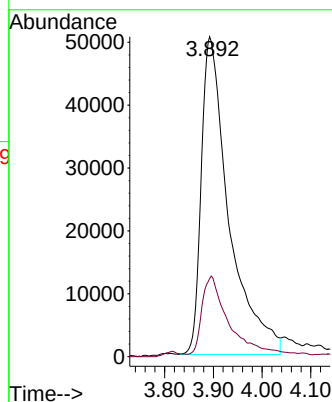
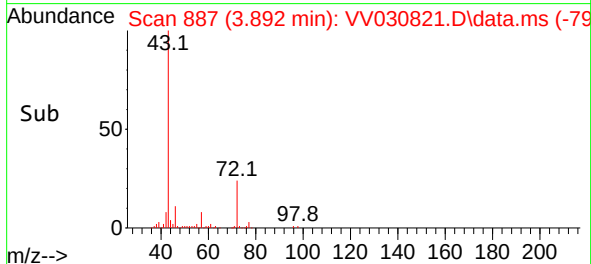
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MSD



Tgt Ion: 43 Resp: 199030
Ion Ratio Lower Upper
43 100
72 21.0 11.5 34.4

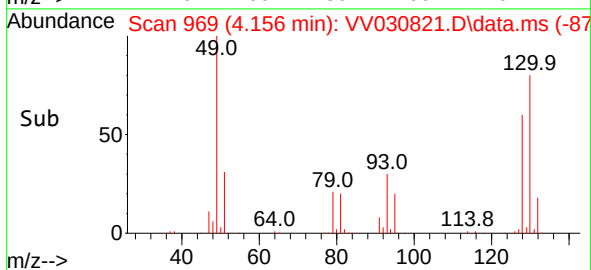
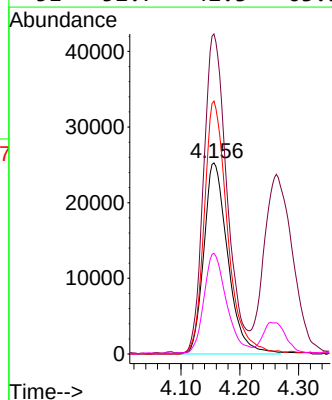
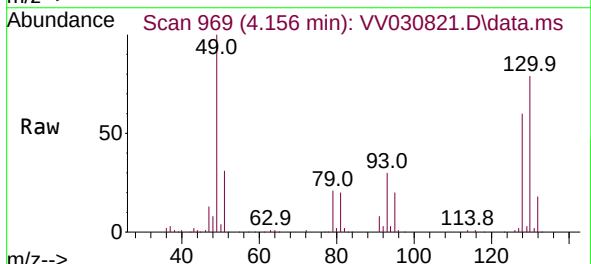
Manual Integrations
APPROVED

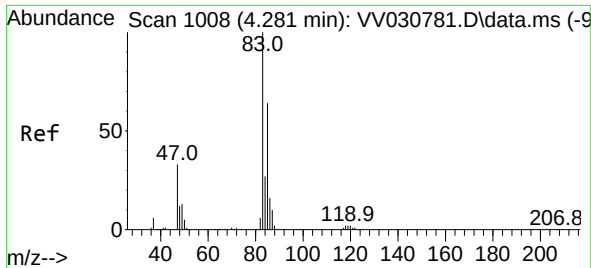
Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#23
Bromochloromethane
Concen: 65.413 ug/L
RT: 4.156 min Scan# 969
Delta R.T. -0.003 min
Lab File: VV030821.D
Acq: 25 Apr 2023 03:06

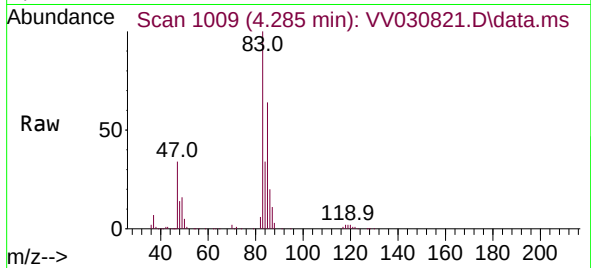
Tgt Ion:128 Resp: 71408
Ion Ratio Lower Upper
128 100
49 167.4 114.7 213.1
130 132.3 89.0 165.2
51 52.7 42.3 63.5





#25
Chloroform
Concen: 72.695 ug/L
RT: 4.285 min Scan# 1009
Delta R.T. -0.000 min
Lab File: VV030821.D
Acq: 25 Apr 2023 03:06

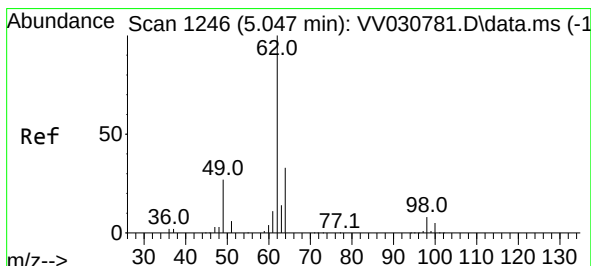
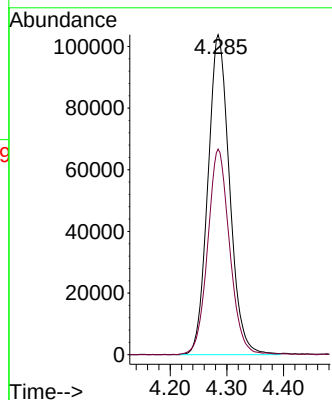
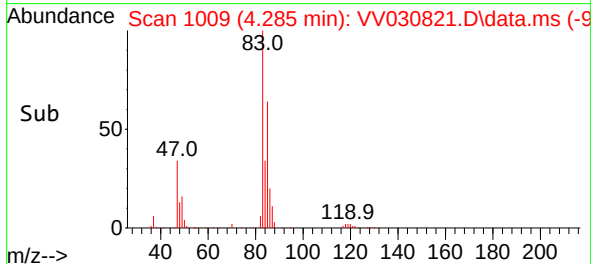
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MSD



Tgt Ion: 83 Resp: 275630
Ion Ratio Lower Upper
83 100
85 64.2 45.8 85.2

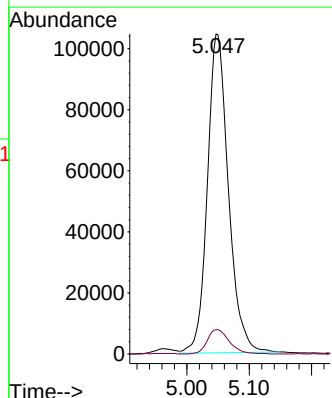
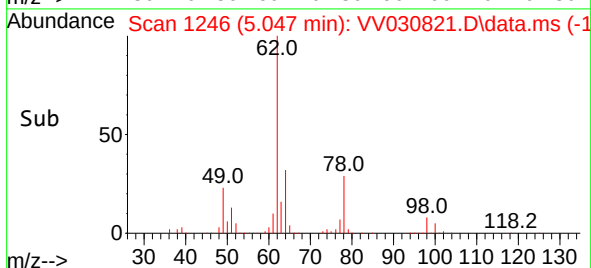
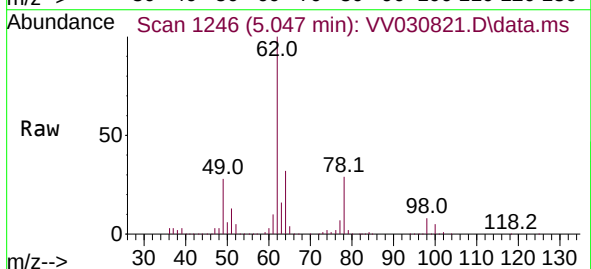
Manual Integrations
APPROVED

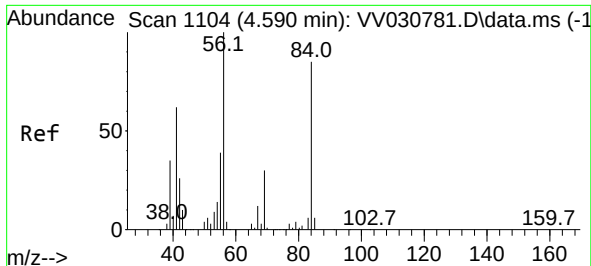
Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#27
1,2-Dichloroethane
Concen: 76.359 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.003 min
Lab File: VV030821.D
Acq: 25 Apr 2023 03:06

Tgt Ion: 62 Resp: 245088
Ion Ratio Lower Upper
62 100
98 7.6 6.4 9.6





#29

Cyclohexane

Concen: 75.861 ug/L

RT: 4.584 min Scan# 1104

Delta R.T. -0.010 min

Lab File: VV030821.D

Acq: 25 Apr 2023 03:06

Instrument :

MSVOA_V

ClientSampleId :

EW8Z5MSD

Tgt Ion: 56 Resp: 22483

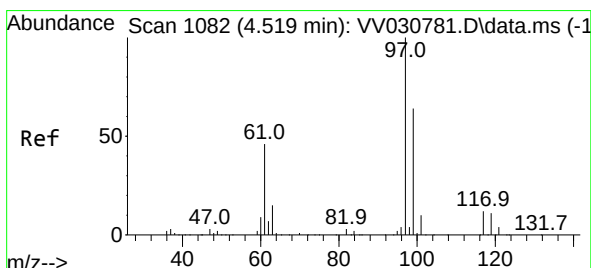
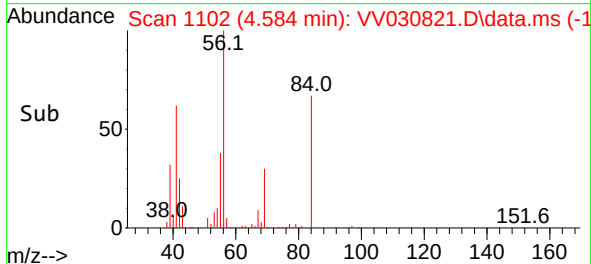
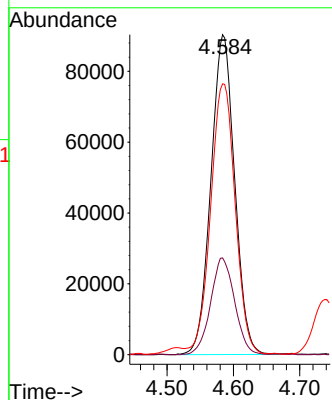
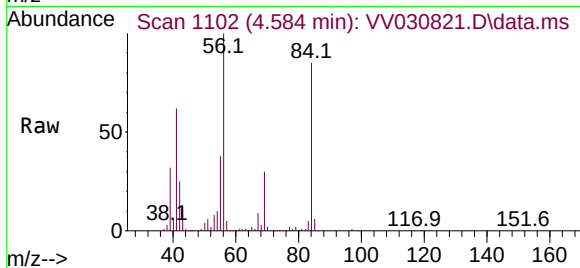
Ion	Ratio	Lower	Upper
56	100		
69	30.6	24.0	36.0
84	87.2	68.2	102.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#30

1,1,1-Trichloroethane

Concen: 72.893 ug/L

RT: 4.516 min Scan# 1081

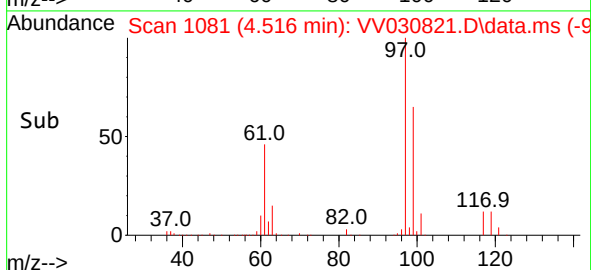
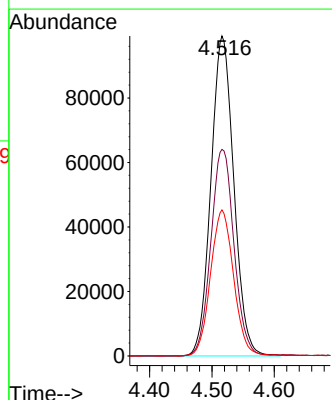
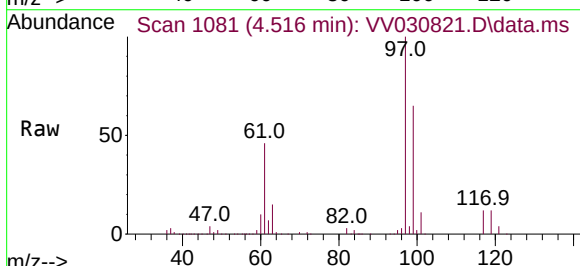
Delta R.T. -0.007 min

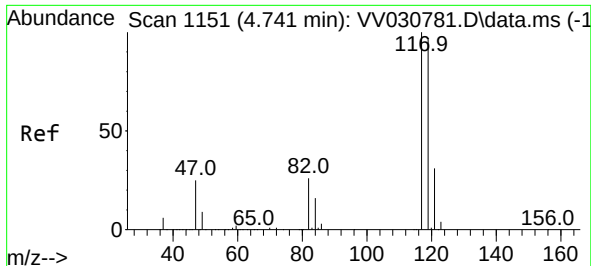
Lab File: VV030821.D

Acq: 25 Apr 2023 03:06

Tgt Ion: 97 Resp: 252958

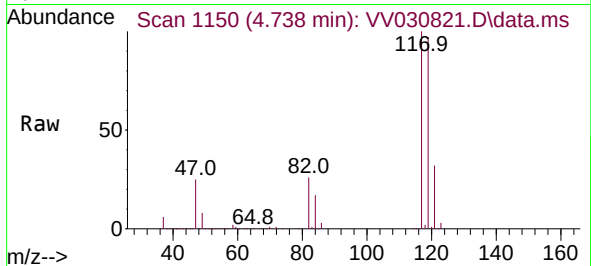
Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.4	77.0
61	46.1	37.0	55.6





#31
Carbon tetrachloride
Concen: 72.058 ug/L
RT: 4.738 min Scan# 1151
Delta R.T. -0.007 min
Lab File: VV030821.D
Acq: 25 Apr 2023 03:06

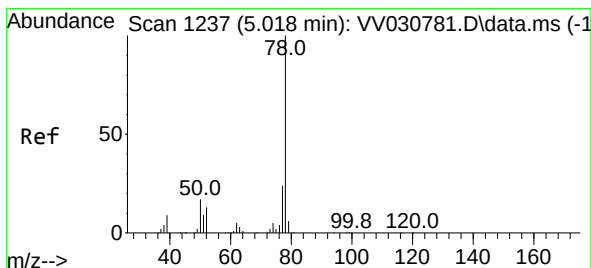
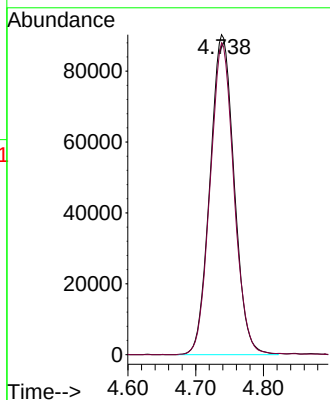
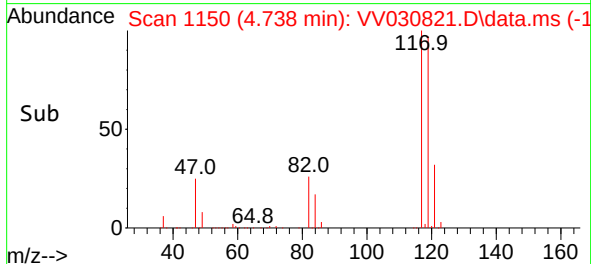
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MSD



Tgt Ion:117 Resp: 223574
Ion Ratio Lower Upper
117 100
119 95.9 75.9 113.9

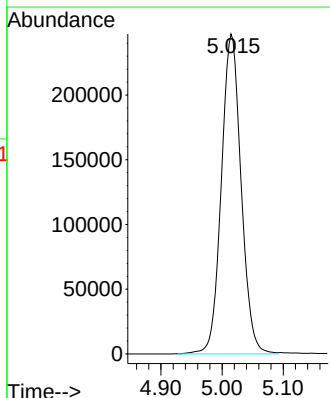
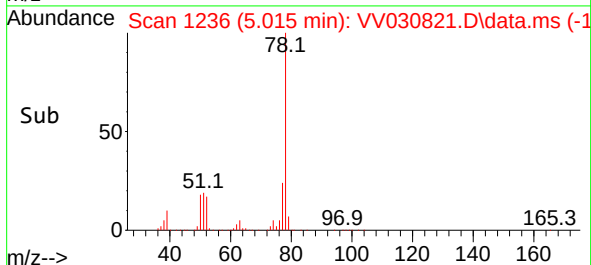
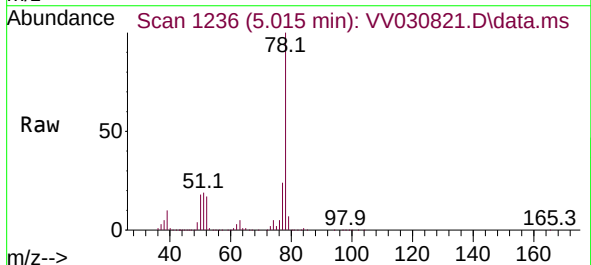
Manual Integrations
APPROVED

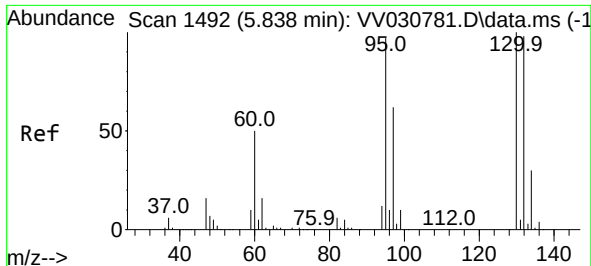
Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#33
Benzene
Concen: 73.931 ug/L
RT: 5.015 min Scan# 1236
Delta R.T. -0.003 min
Lab File: VV030821.D
Acq: 25 Apr 2023 03:06

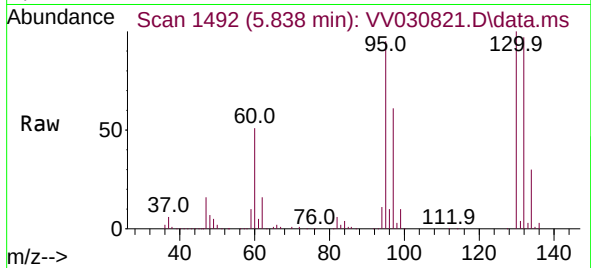
Tgt Ion: 78 Resp: 554454





#34
Trichloroethene
Concen: 74.496 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. -0.003 min
Lab File: VV030821.D
Acq: 25 Apr 2023 03:06

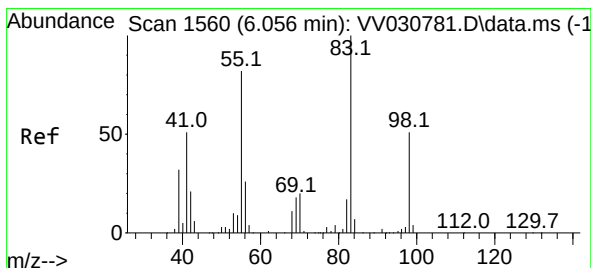
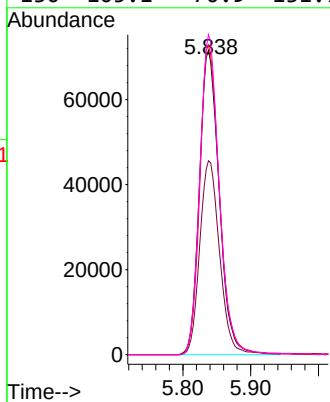
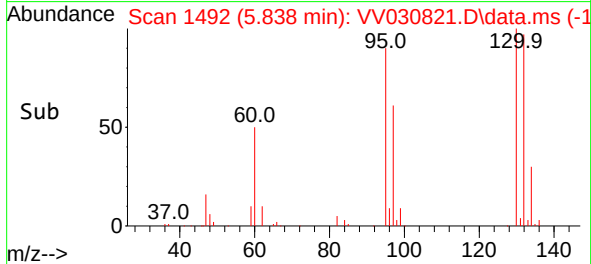
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MSD



Tgt Ion: 95 Resp: 14532
Ion Ratio Lower Upper
95 100
97 63.7 45.8 85.2
132 101.7 70.6 131.2
130 105.1 70.9 131.7

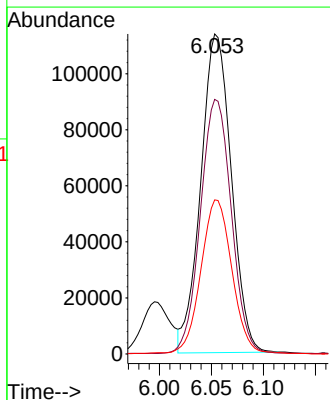
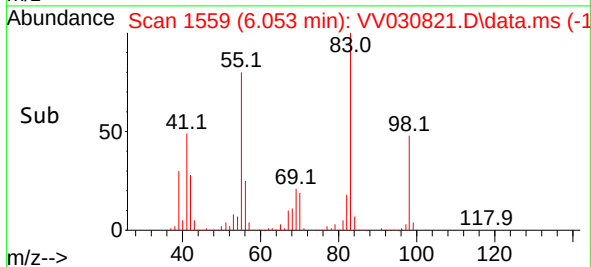
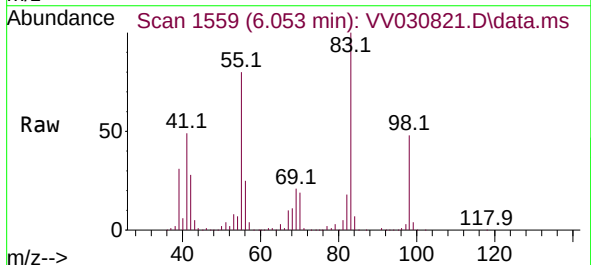
Manual Integrations
APPROVED

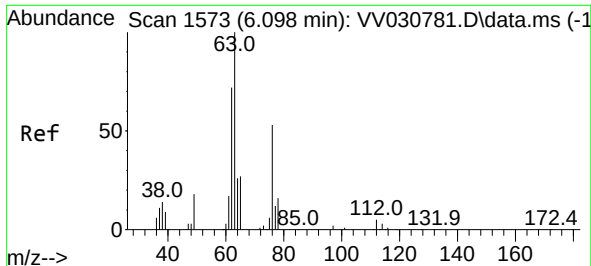
Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#35
Methylcyclohexane
Concen: 76.141 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. -0.007 min
Lab File: VV030821.D
Acq: 25 Apr 2023 03:06

Tgt Ion: 83 Resp: 232736
Ion Ratio Lower Upper
83 100
55 81.2 65.5 98.3
98 49.3 38.7 58.1





#37

1,2-Dichloropropane

Concen: 73.017 ug/L

RT: 6.101 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV030821.D

Acq: 25 Apr 2023 03:06

Instrument :

MSVOA_V

ClientSampleId :

EW8Z5MSD

Tgt Ion: 63 Resp: 14739

Ion Ratio Lower Upper

63 100

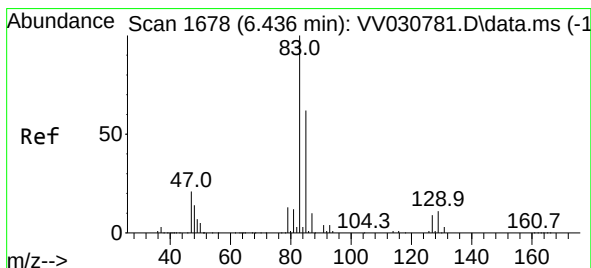
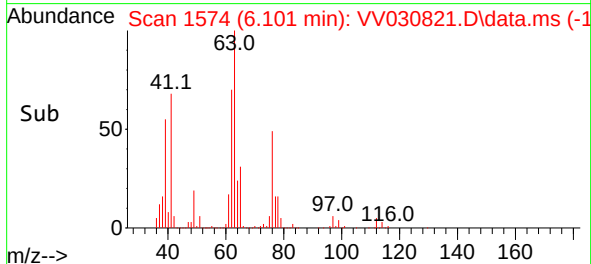
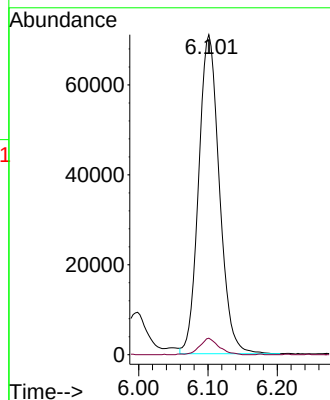
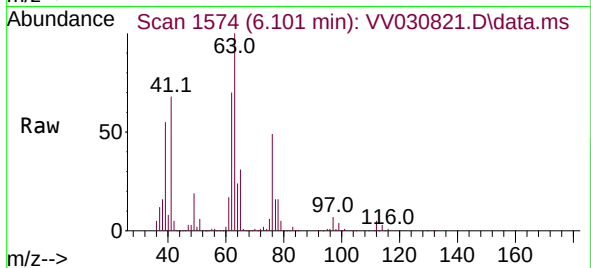
112 4.7 3.8 5.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#38

Bromodichloromethane

Concen: 73.632 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.003 min

Lab File: VV030821.D

Acq: 25 Apr 2023 03:06

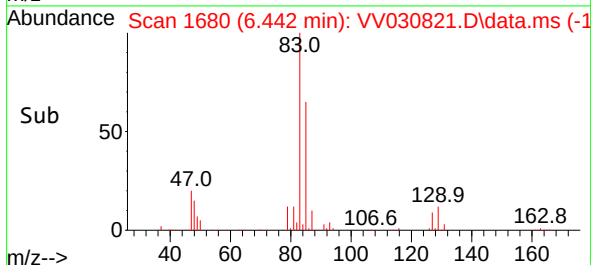
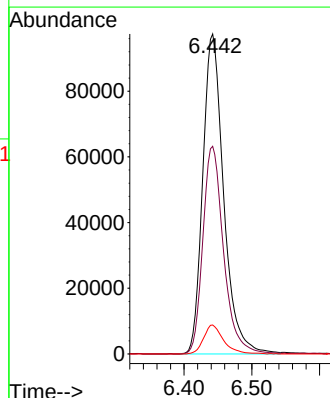
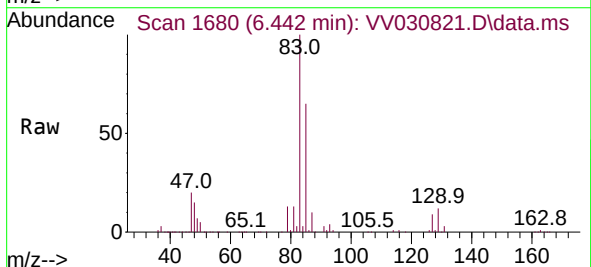
Tgt Ion: 83 Resp: 208790

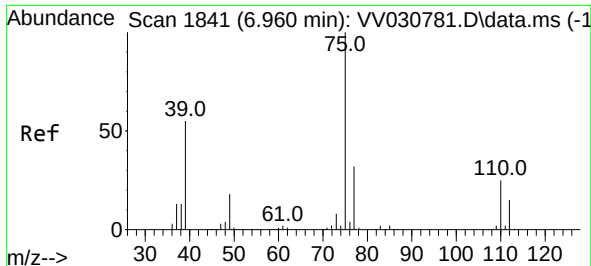
Ion Ratio Lower Upper

83 100

85 64.9 45.4 84.4

127 9.1 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 79.738 ug/L

RT: 6.960 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV030821.D

Acq: 25 Apr 2023 03:06

Instrument :

MSVOA_V

ClientSampleId :

EW8Z5MSD

Tgt Ion: 75 Resp: 24157

Ion Ratio Lower Upper

75 100

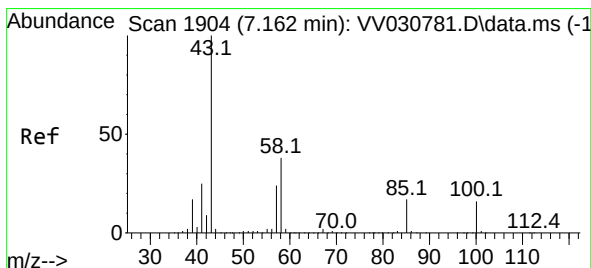
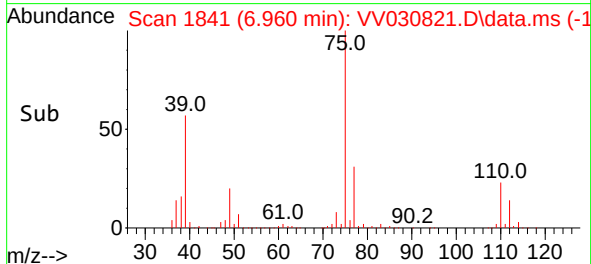
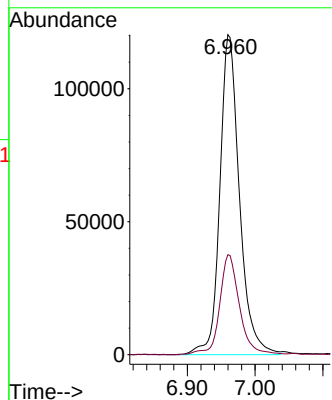
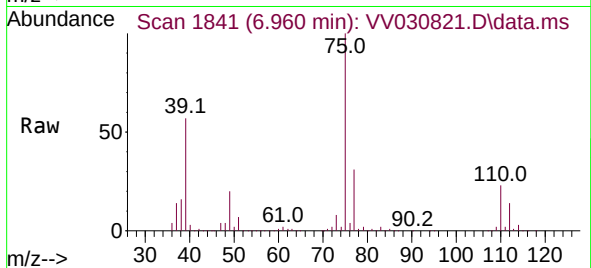
77 31.3 22.0 40.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#40

4-Methyl-2-pentanone

Concen: 104.702 ug/L

RT: 7.172 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VV030821.D

Acq: 25 Apr 2023 03:06

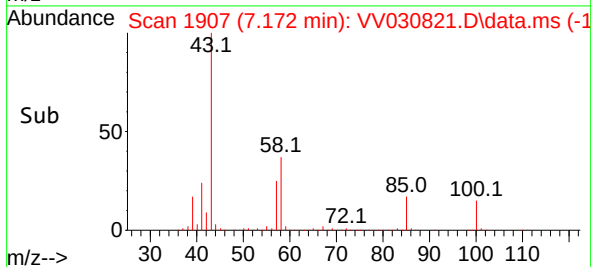
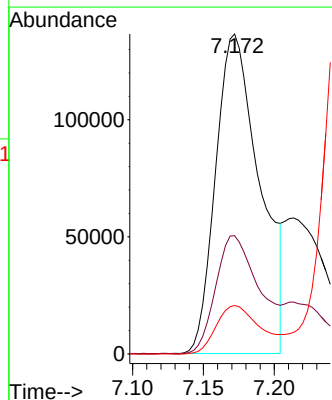
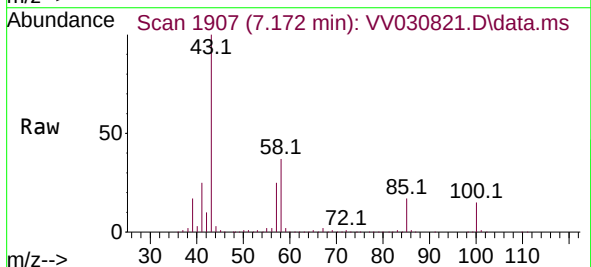
Tgt Ion: 43 Resp: 295230

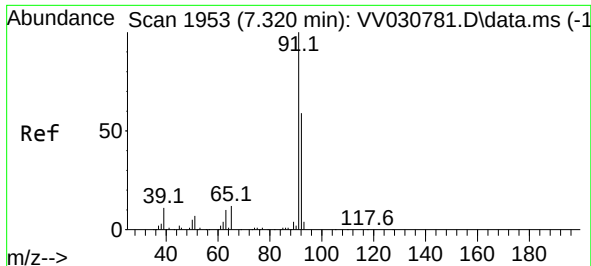
Ion Ratio Lower Upper

43 100

58 37.4 29.2 43.8

100 15.3 11.3 16.9





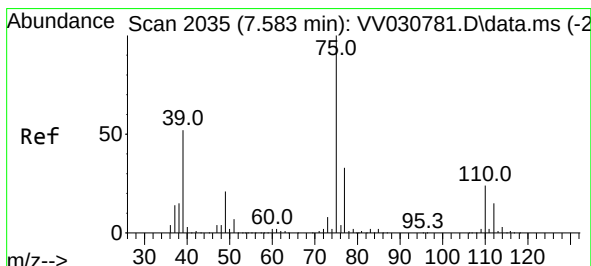
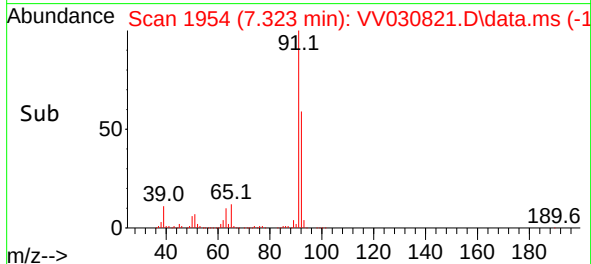
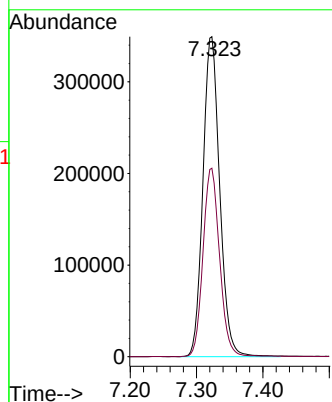
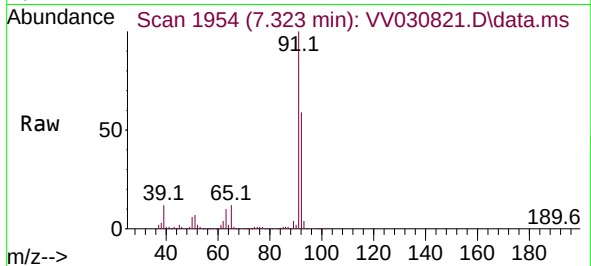
#42
Toluene
Concen: 76.491 ug/L
RT: 7.323 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VV030821.D
Acq: 25 Apr 2023 03:06

Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MSD

Tgt Ion: 91 Resp: 61444
Ion Ratio Lower Upper
91 100
92 58.9 39.8 73.8

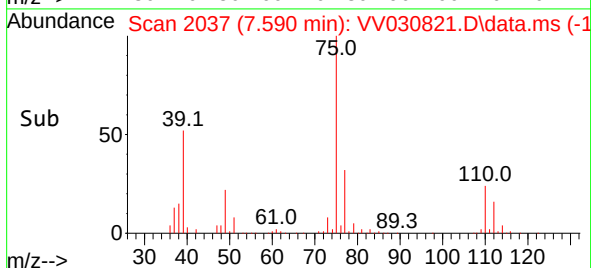
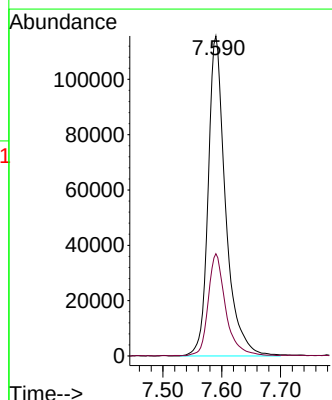
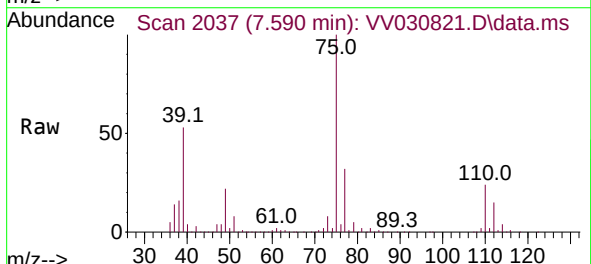
Manual Integrations
APPROVED

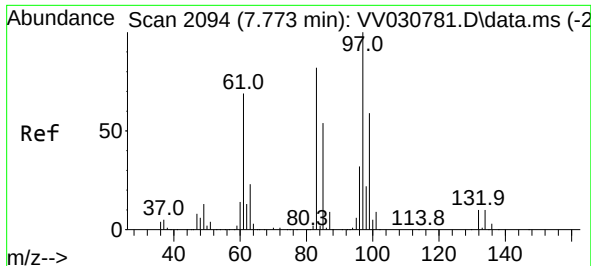
Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#44
trans-1,3-Dichloropropene
Concen: 79.880 ug/L
RT: 7.590 min Scan# 2037
Delta R.T. 0.003 min
Lab File: VV030821.D
Acq: 25 Apr 2023 03:06

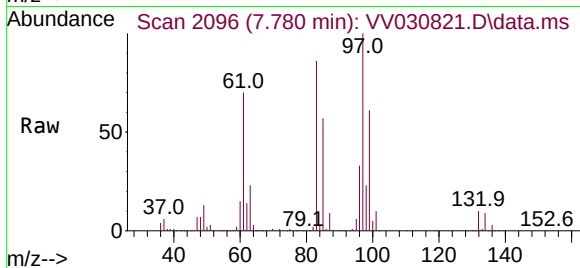
Tgt Ion: 75 Resp: 237763
Ion Ratio Lower Upper
75 100
77 31.9 22.1 41.1





#45
1,1,2-Trichloroethane
Concen: 73.688 ug/L
RT: 7.780 min Scan# 2096
Delta R.T. 0.003 min
Lab File: VV030821.D
Acq: 25 Apr 2023 03:06

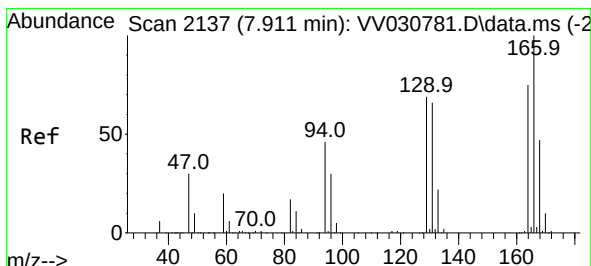
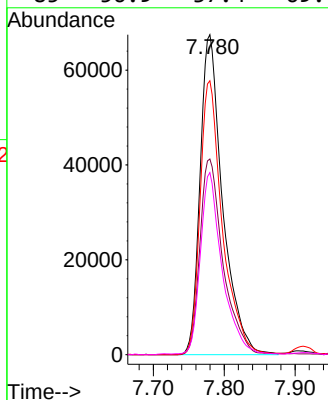
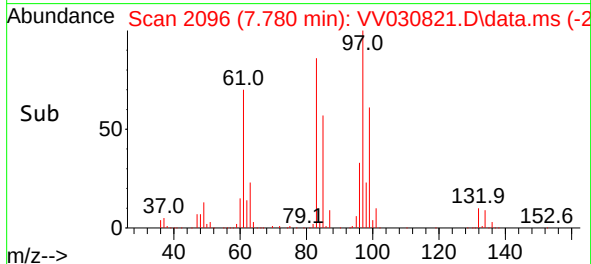
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MSD



Tgt Ion:	97	Resp:	14915
Ion	Ratio	Lower	Upper
97	100		
99	61.2	43.8	81.4
83	85.6	59.6	110.6
85	56.9	37.4	69.4

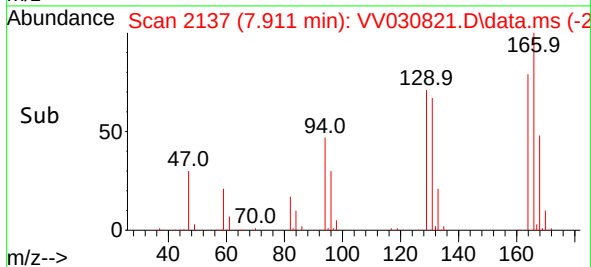
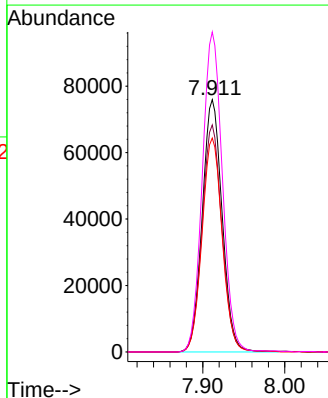
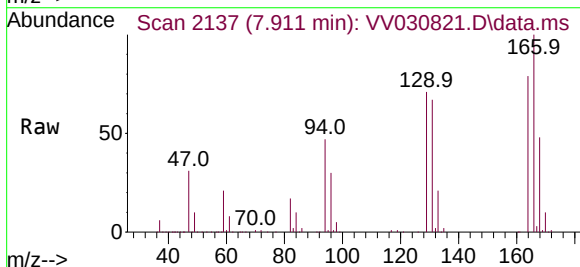
Manual Integrations
APPROVED

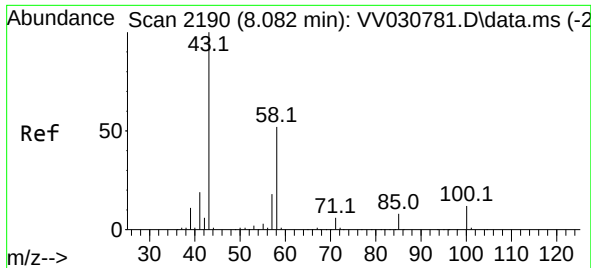
Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#46
Tetrachloroethene
Concen: 75.058 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV030821.D
Acq: 25 Apr 2023 03:06

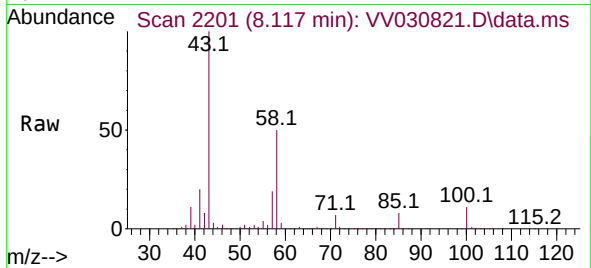
Tgt Ion:	164	Resp:	128161
Ion	Ratio	Lower	Upper
164	100		
129	90.0	63.8	118.6
131	84.8	60.3	111.9
166	126.8	89.5	166.1





#48
2-Hexanone
Concen: 146.148 ug/L m
RT: 8.117 min Scan# 2190
Delta R.T. 0.035 min
Lab File: VV030821.D
Acq: 25 Apr 2023 03:06

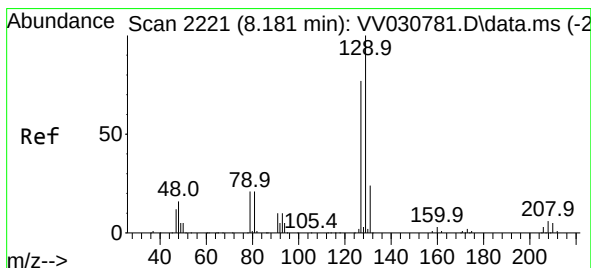
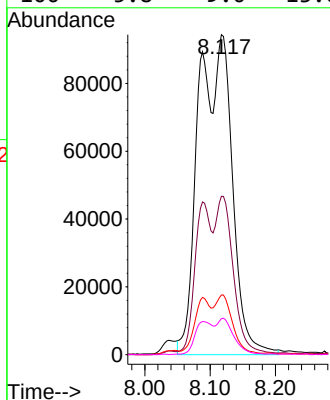
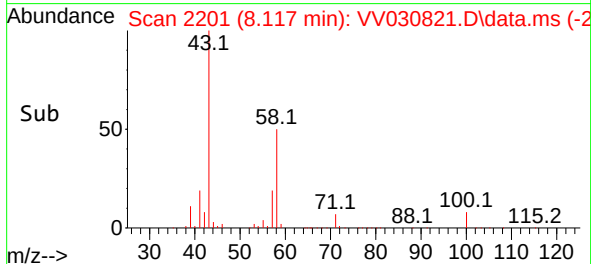
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MSD



Tgt Ion: 43 Resp: 340029
Ion Ratio Lower Upper
43 100
58 23.0 41.4 62.0
57 7.4 14.9 22.3
100 5.8 9.0 13.6

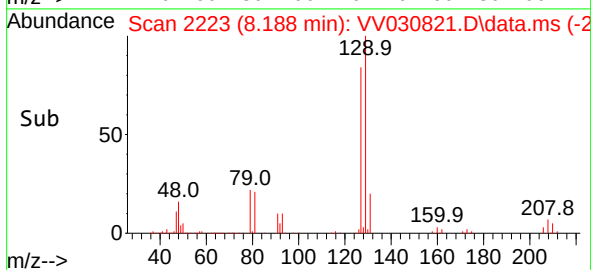
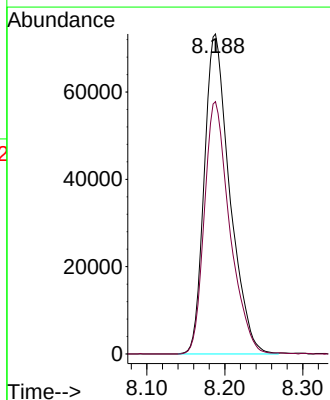
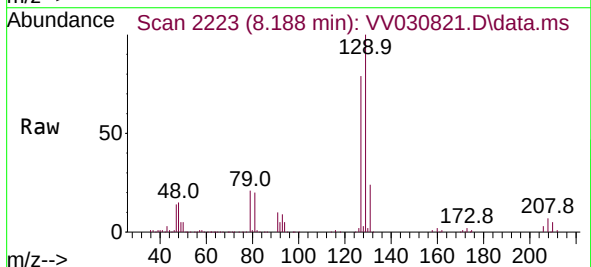
Manual Integrations
APPROVED

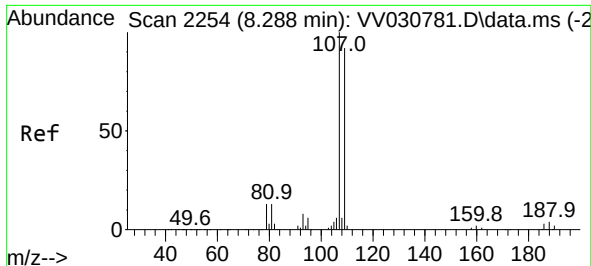
Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#49
Dibromochloromethane
Concen: 74.489 ug/L
RT: 8.188 min Scan# 2223
Delta R.T. 0.003 min
Lab File: VV030821.D
Acq: 25 Apr 2023 03:06

Tgt Ion:129 Resp: 166308
Ion Ratio Lower Upper
129 100
127 78.8 52.8 98.2





#50

1,2-Dibromoethane

Concen: 73.243 ug/L

RT: 8.291 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV030821.D

Acq: 25 Apr 2023 03:06

Instrument :

MSVOA_V

ClientSampleId :

EW8Z5MSD

Tgt Ion:107 Resp: 15361

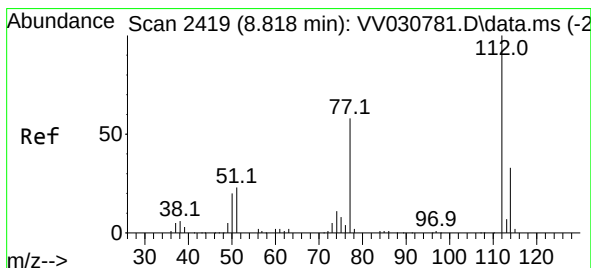
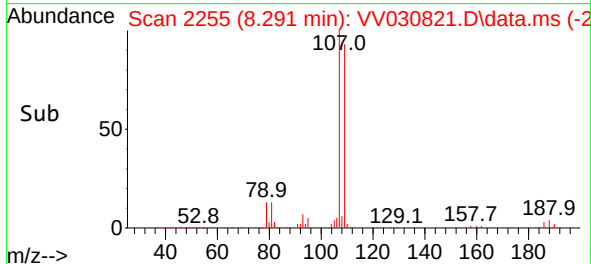
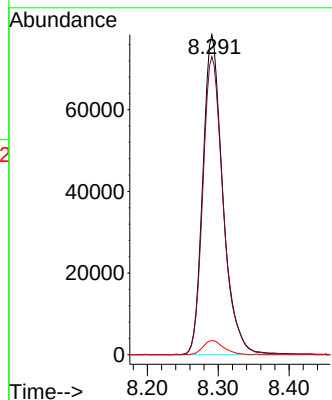
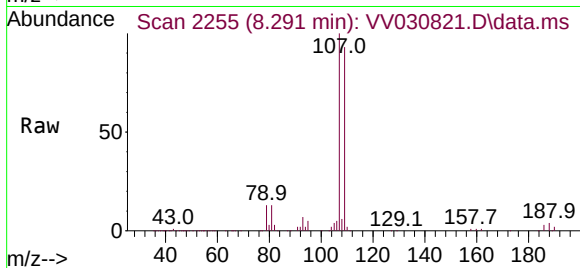
Ion	Ratio	Lower	Upper
107	100		
109	93.1	65.7	121.9
188	4.4	3.2	4.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#51

Chlorobenzene

Concen: 76.543 ug/L

RT: 8.821 min Scan# 2420

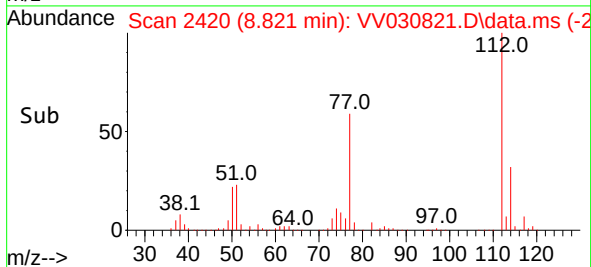
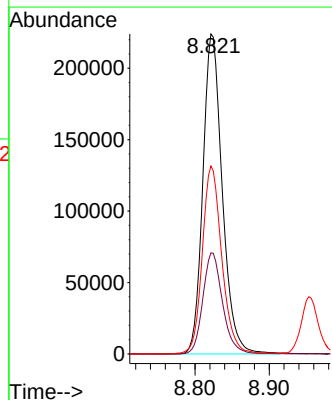
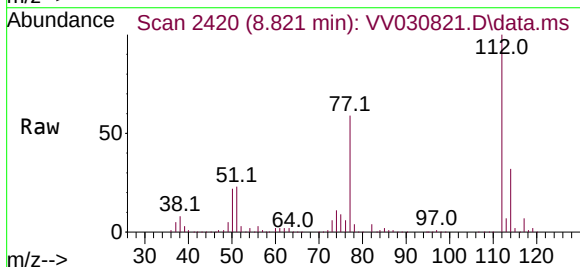
Delta R.T. -0.000 min

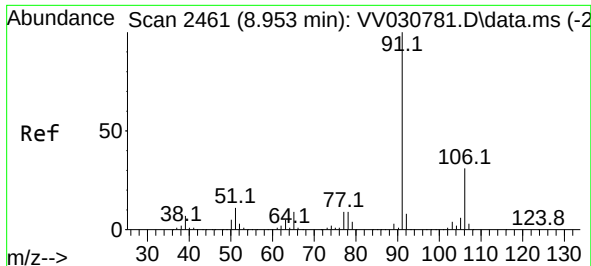
Lab File: VV030821.D

Acq: 25 Apr 2023 03:06

Tgt Ion:112 Resp: 407213

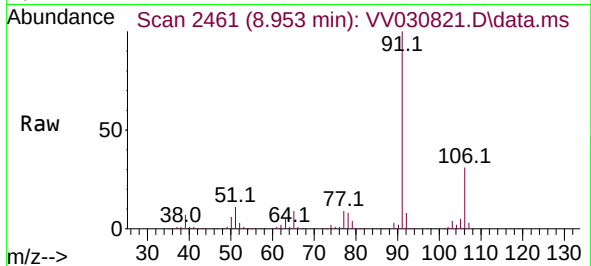
Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.4	41.6
77	58.8	47.4	71.0





#52
Ethylbenzene
Concen: 79.248 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. -0.000 min
Lab File: VV030821.D
Acq: 25 Apr 2023 03:06

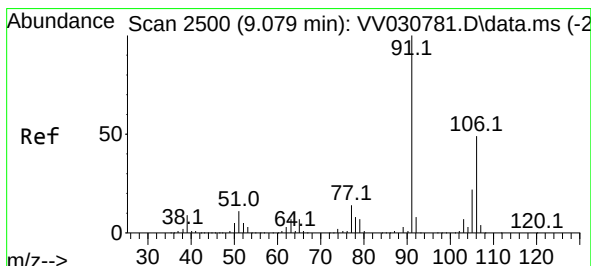
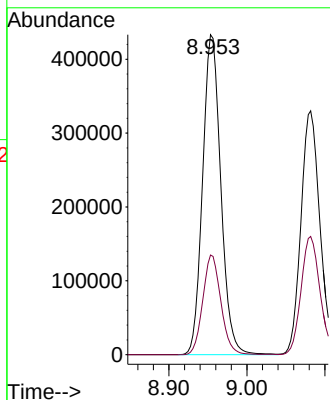
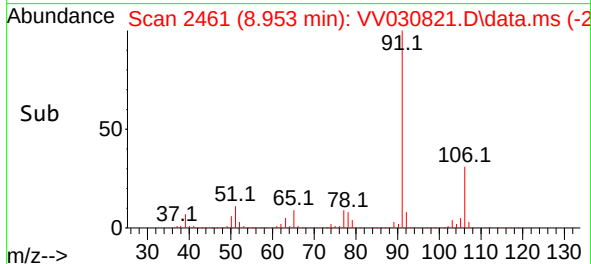
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MSD



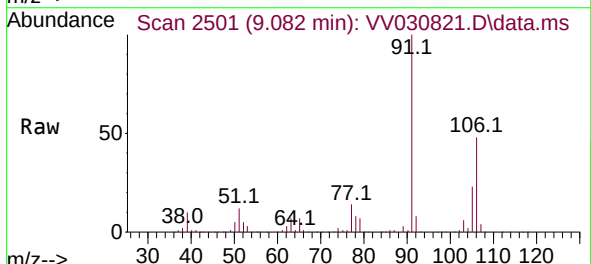
Tgt Ion: 91 Resp: 704739
Ion Ratio Lower Upper
91 100
106 31.1 21.8 40.4

Manual Integrations
APPROVED

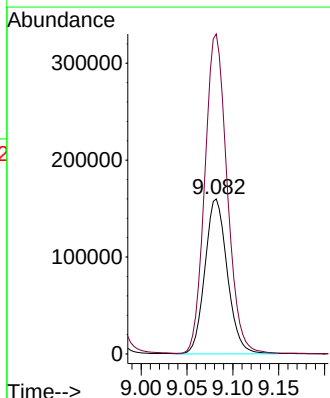
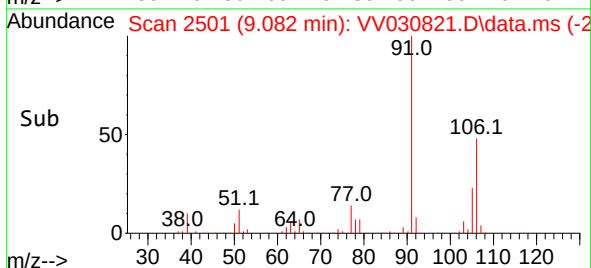
Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

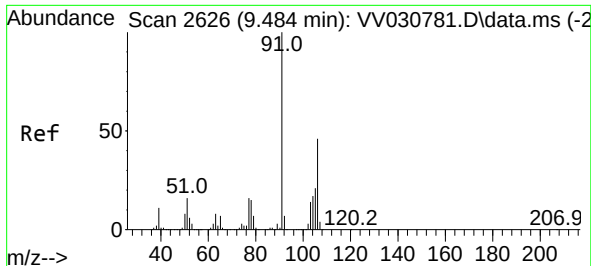


#53
m,p-Xylene
Concen: 81.014 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.003 min
Lab File: VV030821.D
Acq: 25 Apr 2023 03:06



Tgt Ion:106 Resp: 272133
Ion Ratio Lower Upper
106 100
91 206.3 144.7 268.7





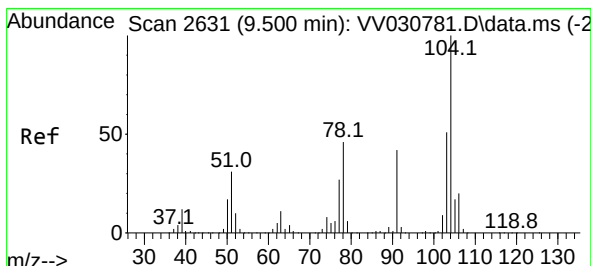
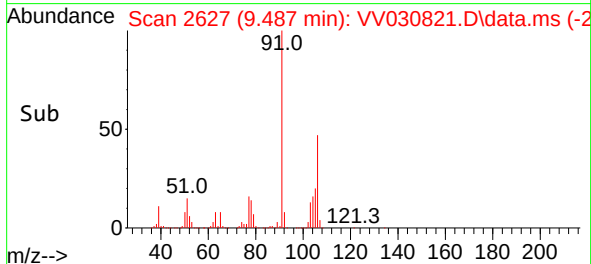
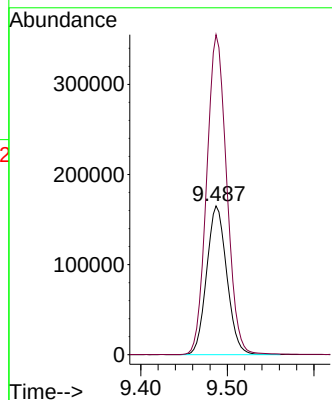
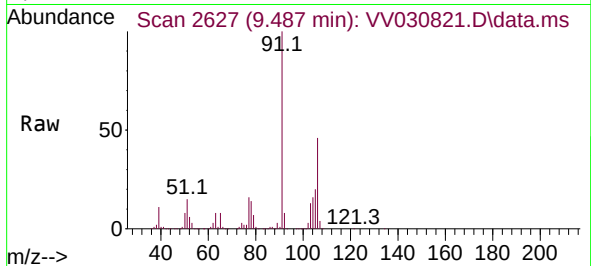
#54
o-Xylene
Concen: 81.389 ug/L
RT: 9.487 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV030821.D
Acq: 25 Apr 2023 03:06

Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MSD

Tgt Ion:106 Resp: 267454
Ion Ratio Lower Upper
106 100
91 215.1 152.6 283.4

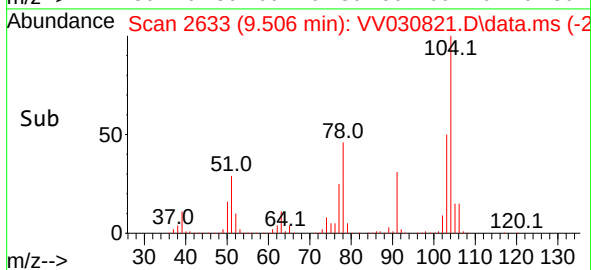
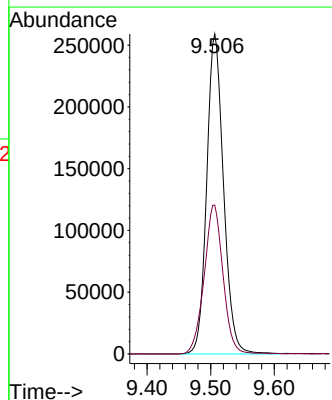
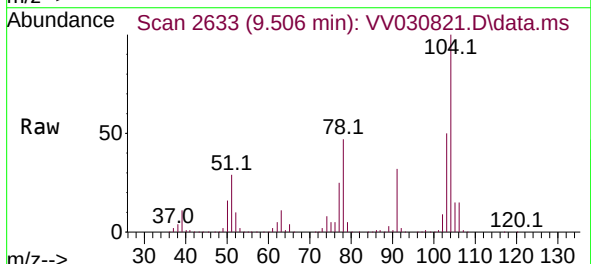
Manual Integrations
APPROVED

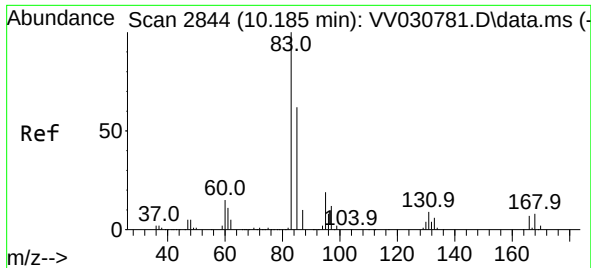
Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#55
Styrene
Concen: 82.526 ug/L
RT: 9.506 min Scan# 2633
Delta R.T. 0.003 min
Lab File: VV030821.D
Acq: 25 Apr 2023 03:06

Tgt Ion:104 Resp: 476367
Ion Ratio Lower Upper
104 100
78 46.5 32.3 59.9





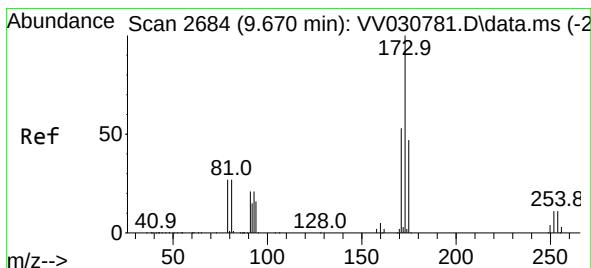
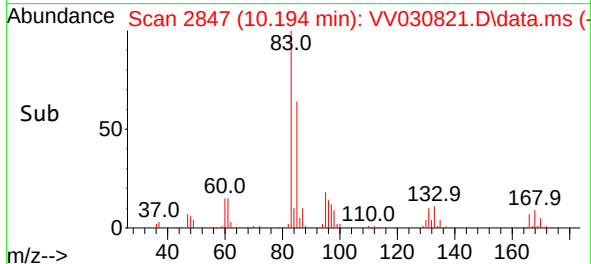
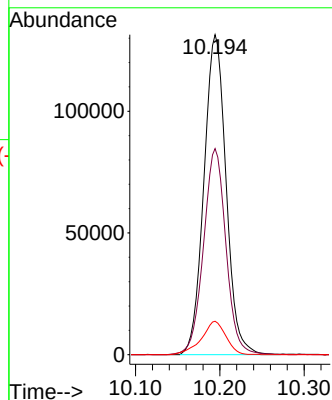
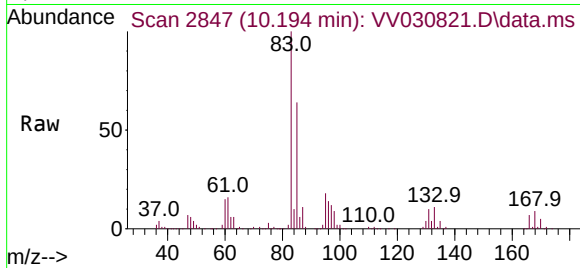
#57
1,1,2,2-Tetrachloroethane
Concen: 72.465 ug/L
RT: 10.194 min Scan# 2844
Delta R.T. 0.010 min
Lab File: VV030821.D
Acq: 25 Apr 2023 03:06

Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MSD

Tgt Ion: 83 Resp: 240820
Ion Ratio Lower Upper
83 100
85 64.4 45.1 83.7
131 10.5 8.0 12.0

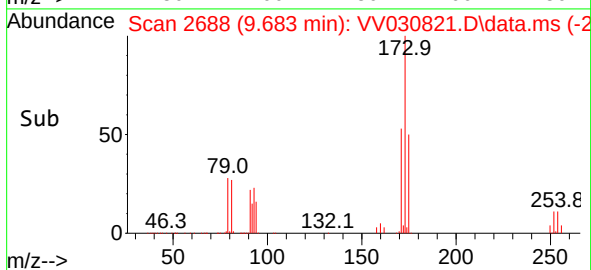
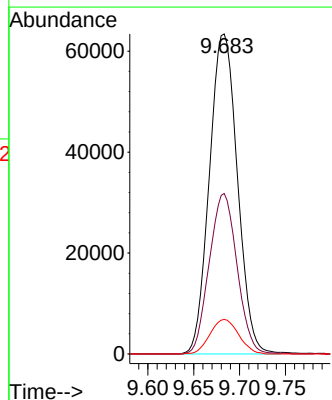
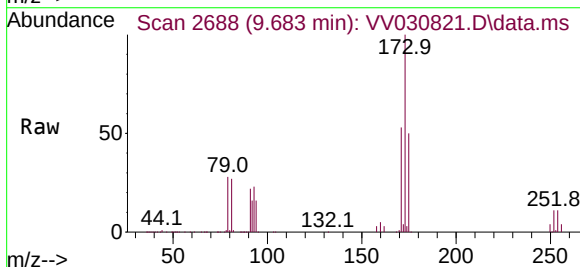
Manual Integrations
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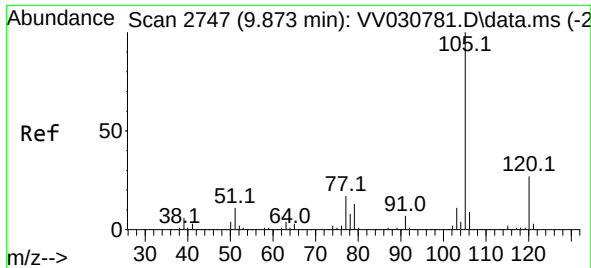
Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#59
Bromoform
Concen: 71.623 ug/L
RT: 9.683 min Scan# 2688
Delta R.T. 0.013 min
Lab File: VV030821.D
Acq: 25 Apr 2023 03:06

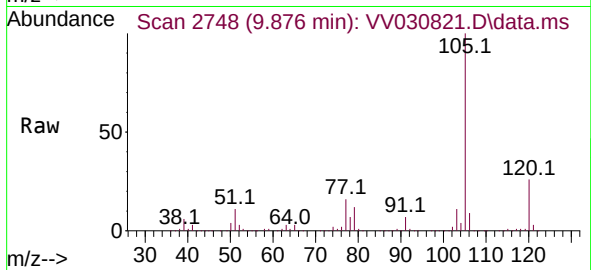
Tgt Ion:173 Resp: 134922
Ion Ratio Lower Upper
173 100
175 49.6 38.8 58.2
254 11.0 8.2 12.4





#60
Isopropylbenzene
Concen: 78.359 ug/L
RT: 9.876 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030821.D
Acq: 25 Apr 2023 03:06

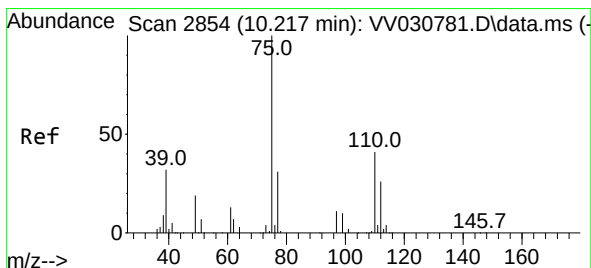
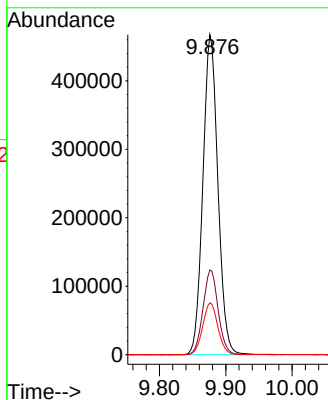
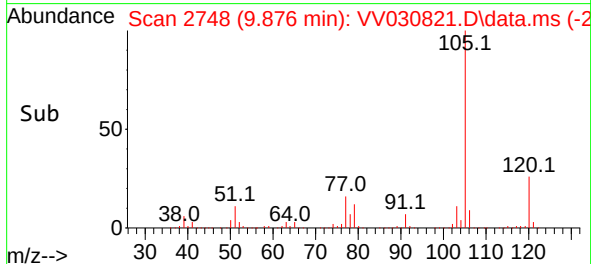
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MSD



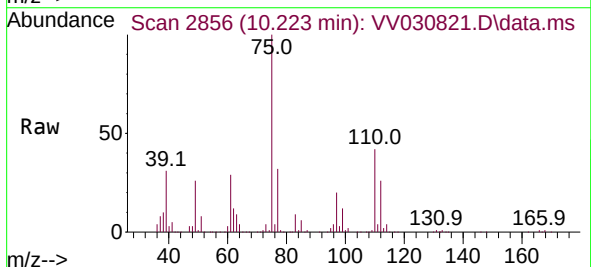
Tgt Ion:105 Resp: 73529
Ion Ratio Lower Upper
105 100
120 26.7 20.9 31.3
77 16.3 13.0 19.6

Manual Integrations
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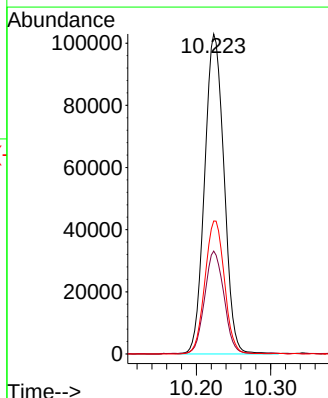
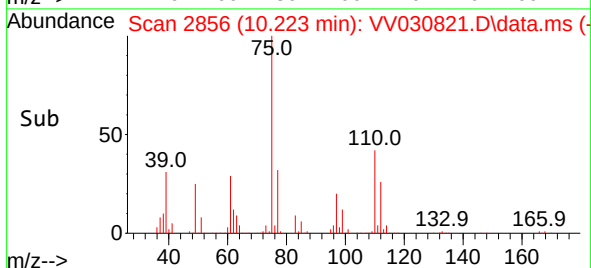
Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

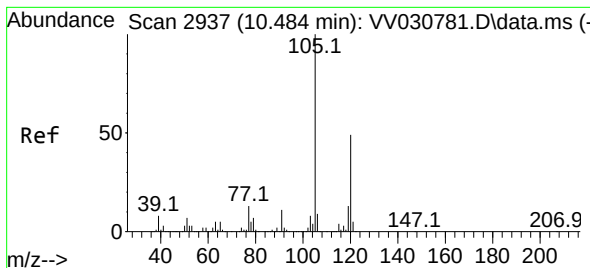


#61
1,2,3-Trichloropropane
Concen: 69.332 ug/L
RT: 10.223 min Scan# 2856
Delta R.T. 0.006 min
Lab File: VV030821.D
Acq: 25 Apr 2023 03:06



Tgt Ion: 75 Resp: 186838
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5
110 41.7 32.8 49.2





#62

1,3,5-Trimethylbenzene

Concen: 81.189 ug/L

RT: 10.487 min Scan# 2937

Delta R.T. 0.003 min

Lab File: VV030821.D

Acq: 25 Apr 2023 03:06

Instrument :

MSVOA_V

ClientSampleId :

EW8Z5MSD

Tgt Ion:105 Resp: 62725

Ion Ratio Lower Upper

105 100

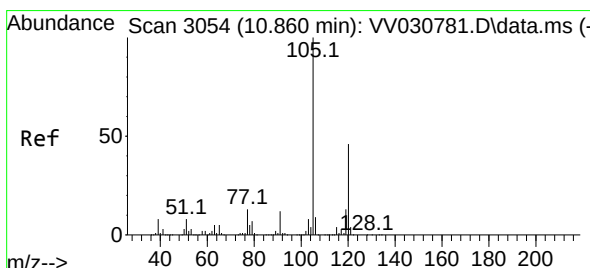
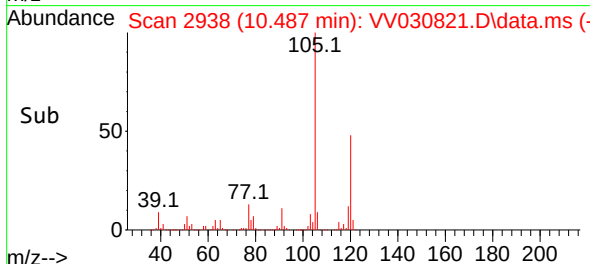
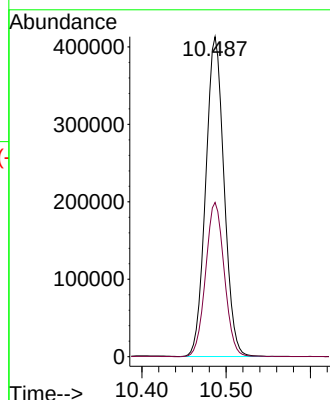
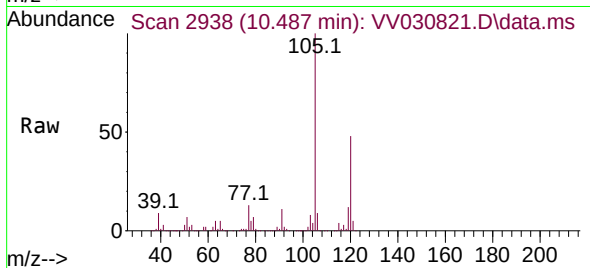
120 49.1 39.2 58.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#63

1,2,4-Trimethylbenzene

Concen: 80.838 ug/L

RT: 10.863 min Scan# 3055

Delta R.T. 0.003 min

Lab File: VV030821.D

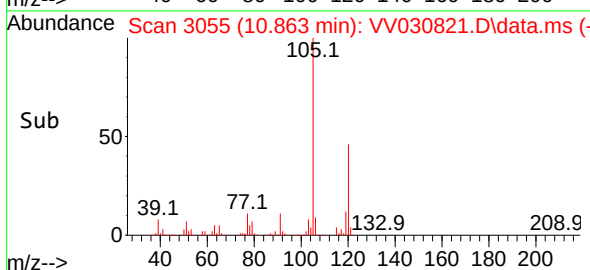
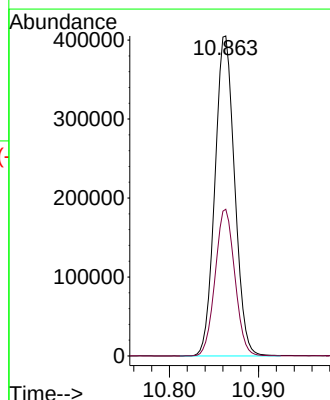
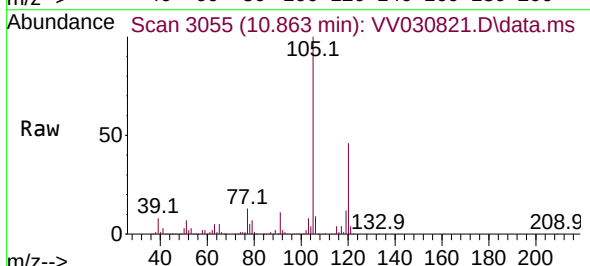
Acq: 25 Apr 2023 03:06

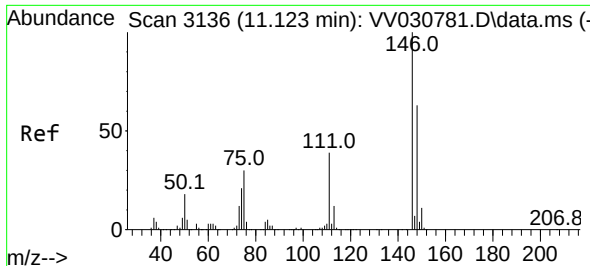
Tgt Ion:105 Resp: 623584

Ion Ratio Lower Upper

105 100

120 45.8 36.2 54.4





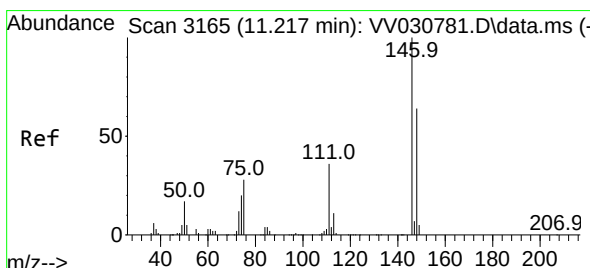
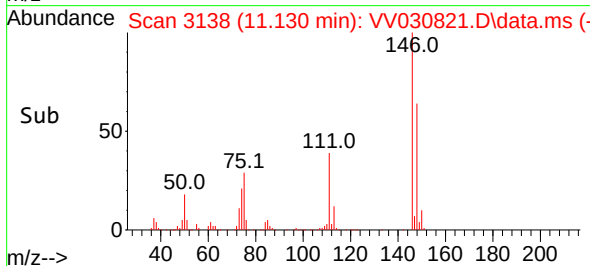
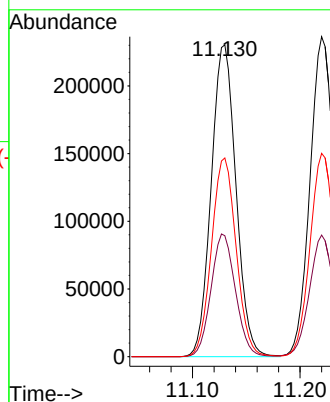
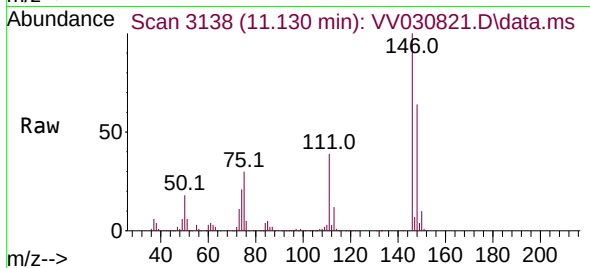
#64
1,3-Dichlorobenzene
Concen: 78.475 ug/L
RT: 11.130 min Scan# 3136
Delta R.T. 0.006 min
Lab File: VV030821.D
Acq: 25 Apr 2023 03:06

Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MSD

Tgt Ion:146 Resp: 368670
Ion Ratio Lower Upper
146 100
111 38.8 27.0 50.2
148 63.8 44.8 83.2

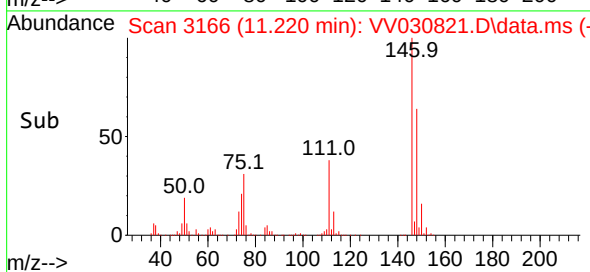
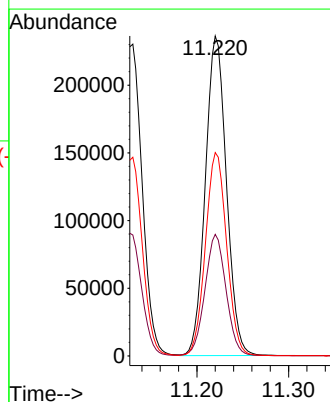
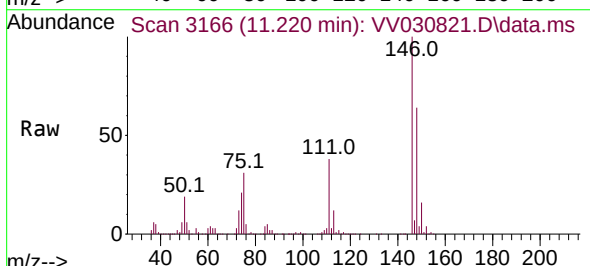
Manual Integrations
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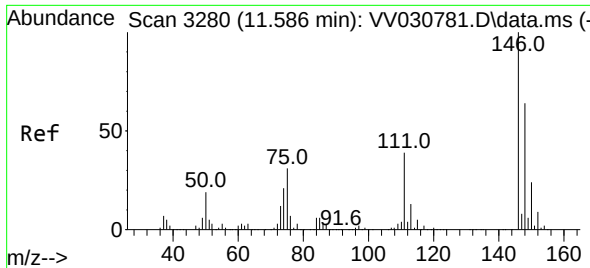
Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#65
1,4-Dichlorobenzene
Concen: 76.120 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VV030821.D
Acq: 25 Apr 2023 03:06

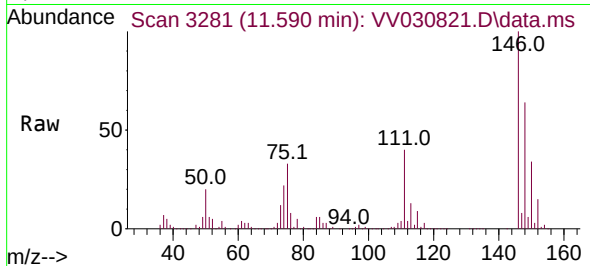
Tgt Ion:146 Resp: 377096
Ion Ratio Lower Upper
146 100
111 38.0 26.5 49.1
148 63.6 44.7 83.1





#67
1,2-Dichlorobenzene
Concen: 77.970 ug/L
RT: 11.590 min Scan# 3281
Delta R.T. 0.003 min
Lab File: VV030821.D
Acq: 25 Apr 2023 03:06

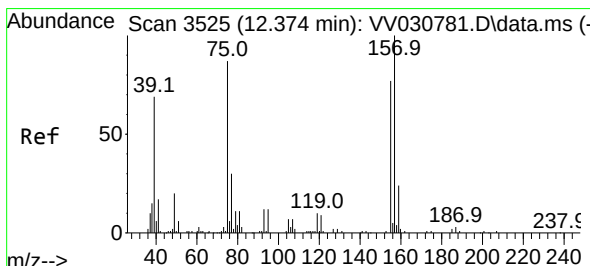
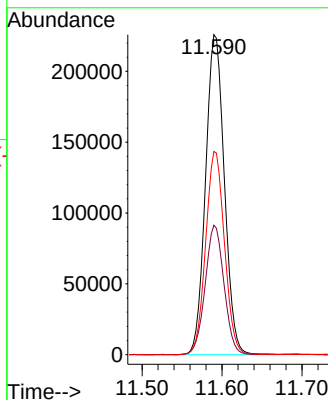
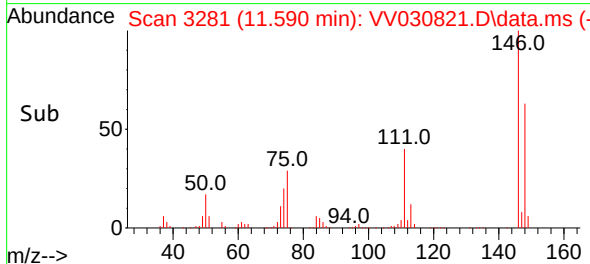
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MSD



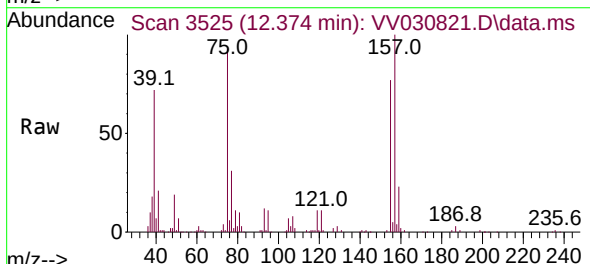
Tgt Ion:146 Resp: 369530
Ion Ratio Lower Upper
146 100
111 40.5 32.0 48.0
148 63.5 50.6 76.0

Manual Integrations
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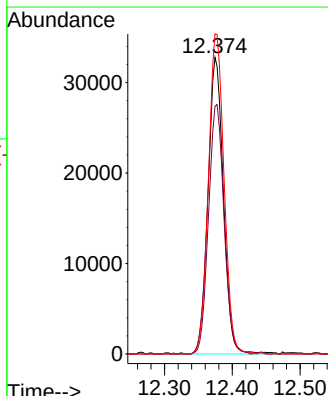
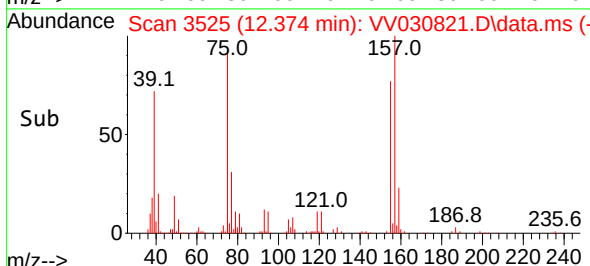
Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

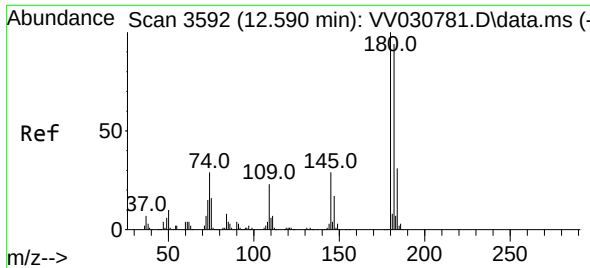


#68
1,2-Dibromo-3-chloropropane
Concen: 64.939 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. 0.003 min
Lab File: VV030821.D
Acq: 25 Apr 2023 03:06



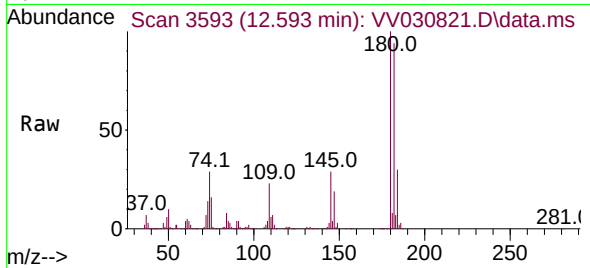
Tgt Ion: 75 Resp: 51848
Ion Ratio Lower Upper
75 100
155 83.6 65.0 97.6
157 108.0 84.4 126.6





#69
 1,3,5-Trichlorobenzene
 Concen: 79.782 ug/L
 RT: 12.593 min Scan# 3593
 Delta R.T. 0.003 min
 Lab File: VV030821.D
 Acq: 25 Apr 2023 03:06

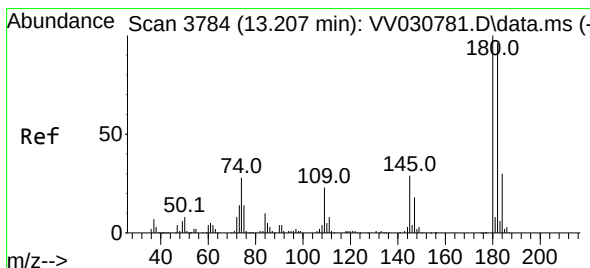
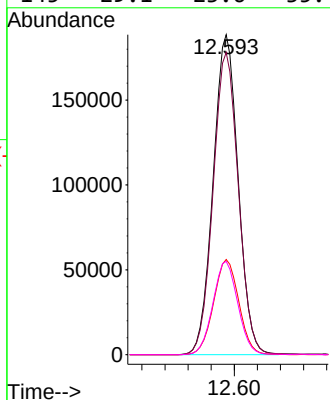
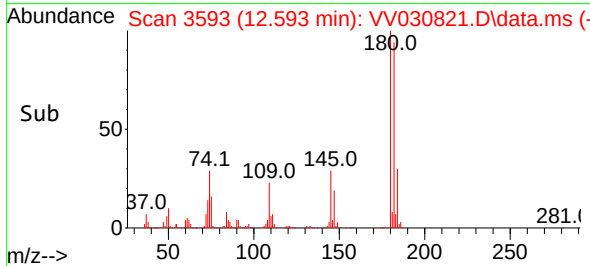
Instrument :
 MSVOA_V
 ClientSampleId :
 EW8Z5MSD



Tgt Ion:180 Resp: 283134
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.4 114.6
 184 30.0 24.1 36.1
 145 29.1 23.6 35.4

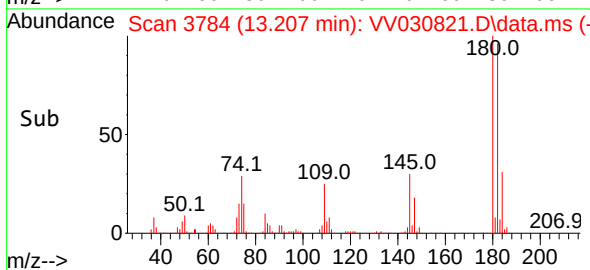
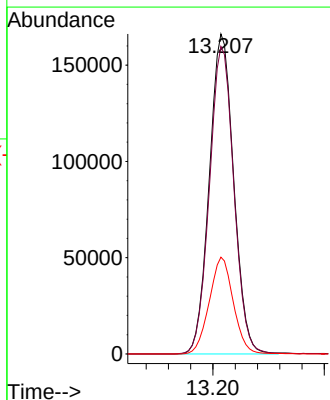
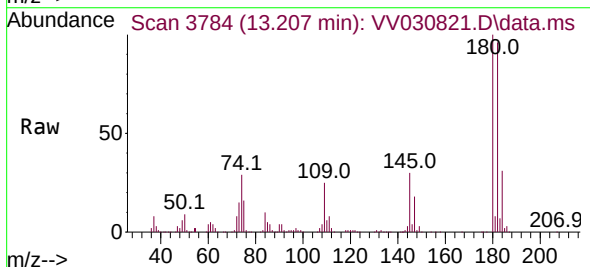
Manual Integrations
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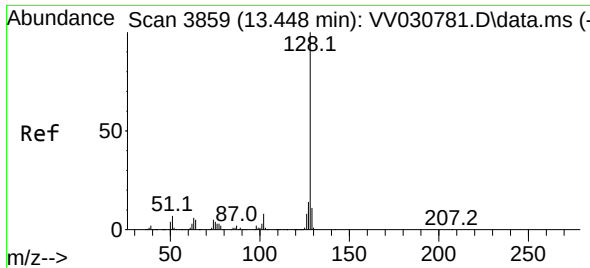
Reviewed By :Krupa Patel 04/26/2023
 Supervised By :Mahesh Dadoda 04/26/2023



#70
 1,2,4-trichlorobenzene
 Concen: 83.853 ug/L
 RT: 13.207 min Scan# 3784
 Delta R.T. -0.000 min
 Lab File: VV030821.D
 Acq: 25 Apr 2023 03:06

Tgt Ion:180 Resp: 252664
 Ion Ratio Lower Upper
 180 100
 182 96.0 75.9 113.9
 145 29.7 23.4 35.2





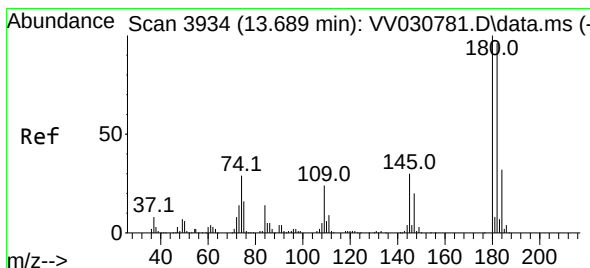
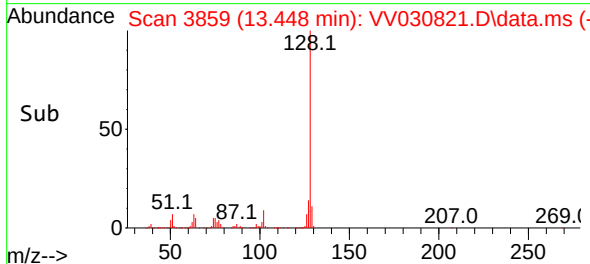
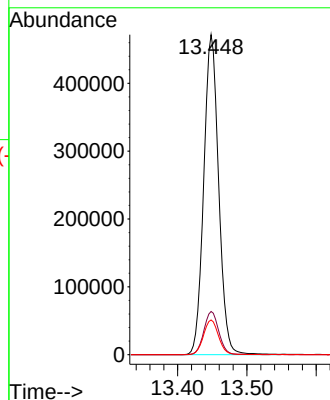
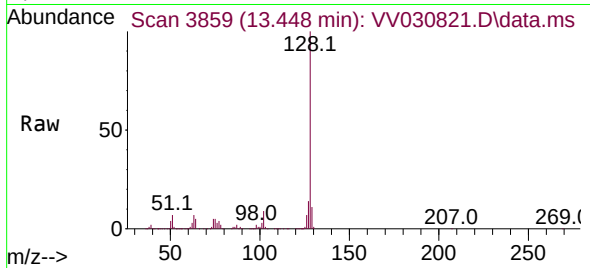
#71
Naphthalene
Concen: 85.520 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. -0.000 min
Lab File: VV030821.D
Acq: 25 Apr 2023 03:06

Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MSD

Tgt Ion:128 Resp: 704905
Ion Ratio Lower Upper
128 100
127 13.6 10.7 16.1
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#72
1,2,3-Trichlorobenzene
Concen: 83.868 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. -0.000 min
Lab File: VV030821.D
Acq: 25 Apr 2023 03:06

Tgt Ion:180 Resp: 250589
Ion Ratio Lower Upper
180 100
182 95.8 76.2 114.4
145 30.6 25.1 37.7

