

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042423\
 Data File : VW030820.D
 Acq On : 25 Apr 2023 02:42
 Operator : SY/MD
 Sample : 02418-10MSME
 Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW8Z5MS

Manual Integrations
 APPROVED

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

Quant Time: Apr 25 05:32:11 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	285072	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	277248	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.198	152	170639	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	120493	57.658	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 115.320%			
7) Chloroethane-d5	1.529	69	128509	73.382	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 146.760%#			
11) 1,1-Dichloroethene-d2	2.050	65	62265	62.827	ug/L	-0.01
Spiked Amount 50.000	Range 60 - 125		Recovery = 125.660%#			
21) 2-Butanone-d5	3.812	46	165394	144.091	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 144.090%#			
24) Chloroform-d	4.259	84	269679	71.208	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 142.420%#			
26) 1,2-Dichloroethane-d4	4.950	65	181125	74.388	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 148.780%#			
32) Benzene-d6	4.963	84	500082	76.291	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 152.580%#			
36) 1,2-Dichloropropane-d6	5.995	67	147636	72.508	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 145.020%#			
41) Toluene-d8	7.249	98	481900	78.301	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 156.600%#			
43) trans-1,3-Dichloroprop...	7.561	79	81534	79.449	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 158.900%#			
47) 2-Hexanone-d5	8.066	63	114788m	143.107	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery = 143.110%#			
56) 1,1,2,2-Tetrachloroeth...	10.169	84	221827	75.080	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 150.160%#			
66) 1,2-Dichlorobenzene-d4	11.574	152	211030	77.806	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 155.620%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	146036	59.583	ug/L	100
3) Chloromethane	1.217	50	221722	68.963	ug/L	99
5) Vinyl chloride	1.285	62	153607	59.260	ug/L	100
6) Bromomethane	1.487	94	90680	88.224	ug/L	97
8) Chloroethane	1.542	64	121788	68.502	ug/L	100
9) Trichlorofluoromethane	1.693	101	329538	78.441	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	154679	70.059	ug/L	99
12) 1,1-Dichloroethene	2.060	96	129461	64.856	ug/L	97
13) Acetone	2.134	43	146135	82.275	ug/L	98
14) Carbon disulfide	2.230	76	328746	58.308	ug/L	99
15) Methyl Acetate	2.381	43	156450	66.005	ug/L	99
16) Methylene chloride	2.449	84	143840	62.970	ug/L	96
17) trans-1,2-Dichloroethene	2.690	96	135371	67.178	ug/L	99
18) Methyl tert-butyl Ether	2.716	73	505517	78.320	ug/L	98
19) 1,1-Dichloroethane	3.111	63	273846	66.653	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	152045	69.362	ug/L	98
22) 2-Butanone	3.892	43	204965	111.666	ug/L	99
23) Bromochloromethane	4.156	128	76062	62.127	ug/L	98
25) Chloroform	4.285	83	293124	68.931	ug/L	100

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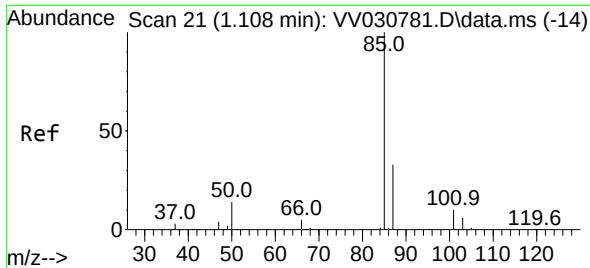
Manual Integrations
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 Supervised By :Mahesh Dadoda 04/26/2023

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
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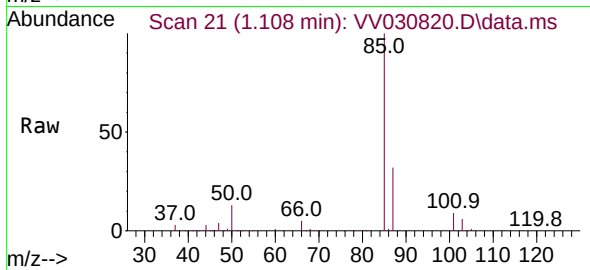
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	256684	71.307	ug/L	99
29) Cyclohexane	4.584	56	240803	72.376	ug/L	99
30) 1,1,1-Trichloroethane	4.516	97	277421	71.211	ug/L	99
31) Carbon tetrachloride	4.738	117	243128	69.803	ug/L	99
33) Benzene	5.014	78	597311	70.947	ug/L	100
34) Trichloroethene	5.838	95	151807	69.321	ug/L	98
35) Methylcyclohexane	6.056	83	253931	74.002	ug/L	98
37) 1,2-Dichloropropane	6.101	63	157499	69.504	ug/L	100
38) Bromodichloromethane	6.442	83	218113	68.519	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	251183	73.854	ug/L	99
40) 4-Methyl-2-pentanone	7.172	43	306515	96.832	ug/L	99
42) Toluene	7.323	91	657529	72.915	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	251173	75.169	ug/L	100
45) 1,1,2-Trichloroethane	7.780	97	158387	69.704	ug/L	98
46) Tetrachloroethene	7.911	164	137043	71.494	ug/L	99
48) 2-Hexanone	8.117	43	354752m	135.824	ug/L	
49) Dibromochloromethane	8.188	129	176898	70.579	ug/L	96
50) 1,2-Dibromoethane	8.291	107	163195	69.315	ug/L	100
51) Chlorobenzene	8.821	112	430267	72.044	ug/L	98
52) Ethylbenzene	8.953	91	748345	74.961	ug/L	99
53) m,p-Xylene	9.082	106	288844	76.598	ug/L	99
54) o-Xylene	9.487	106	282883	76.682	ug/L	99
55) Styrene	9.506	104	505627	78.028	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.194	83	256306	68.702	ug/L	100
59) Bromoform	9.683	173	145057	67.898	ug/L	98
60) Isopropylbenzene	9.876	105	797332	74.923	ug/L	100
61) 1,2,3-Trichloropropane	10.223	75	196881	64.419	ug/L	100
62) 1,3,5-Trimethylbenzene	10.487	105	674717	77.005	ug/L	100
63) 1,2,4-Trimethylbenzene	10.863	105	676968	77.381	ug/L	100
64) 1,3-Dichlorobenzene	11.130	146	393047	73.770	ug/L	100
65) 1,4-Dichlorobenzene	11.220	146	404704	72.033	ug/L	99
67) 1,2-Dichlorobenzene	11.590	146	389078	72.386	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.374	75	55945	61.785	ug/L	97
69) 1,3,5-Trichlorobenzene	12.593	180	301785	74.981	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	266159	77.886	ug/L	99
71) Naphthalene	13.448	128	693948	74.235	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	259744	76.653	ug/L	99

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



#2
 Dichlorodifluoromethane
 Concen: 59.583 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030820.D
 Acq: 25 Apr 2023 02:42

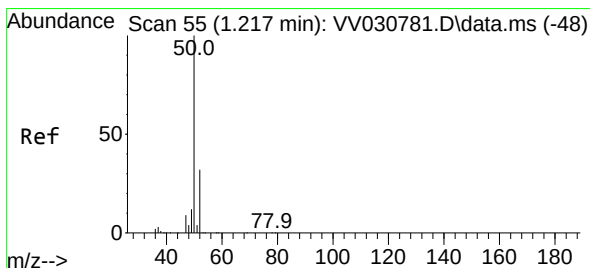
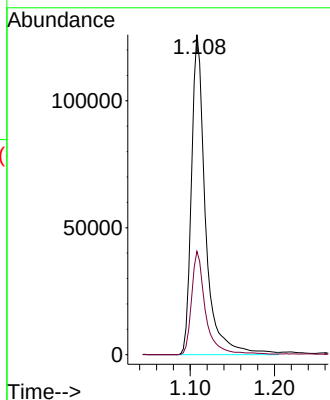
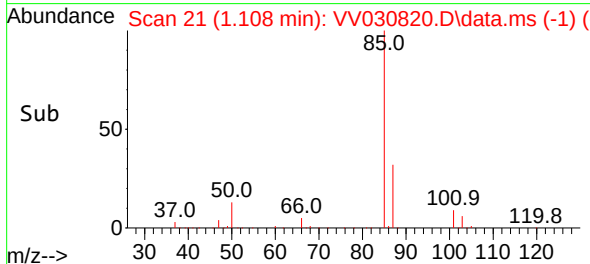
Instrument :
 MSVOA_V
 ClientSampleId :
 EW8Z5MS



Tgt Ion: 85 Resp: 146036
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.6 38.4

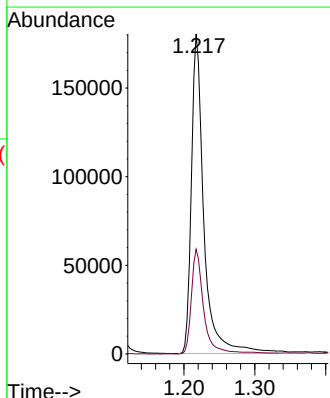
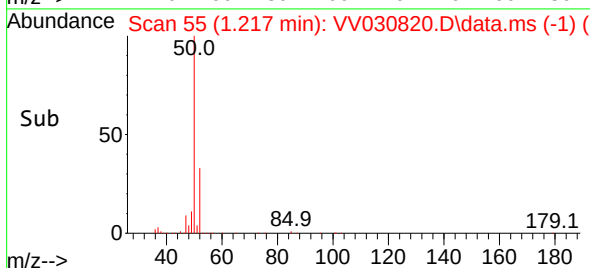
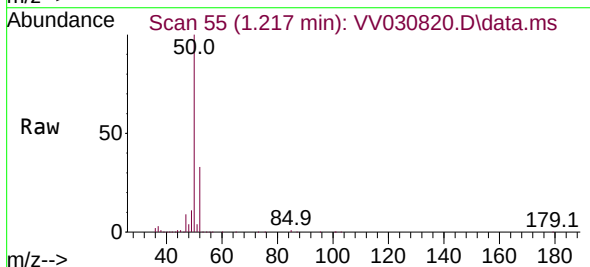
Manual Integrations
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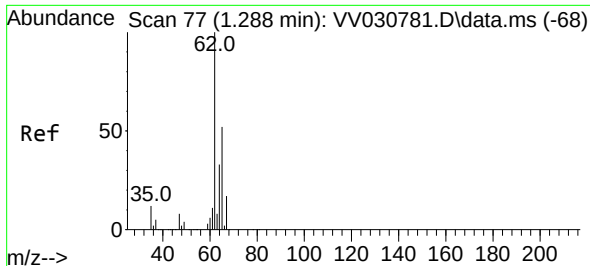
Reviewed By :Krupa Patel 04/26/2023
 Supervised By :Mahesh Dadoda 04/26/2023



#3
 Chloromethane
 Concen: 68.963 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV030820.D
 Acq: 25 Apr 2023 02:42

Tgt Ion: 50 Resp: 221722
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.5 41.9





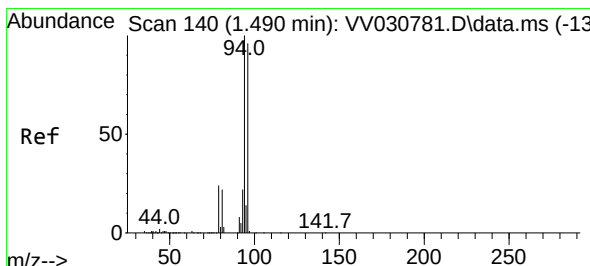
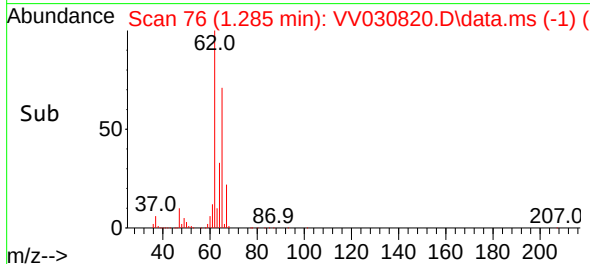
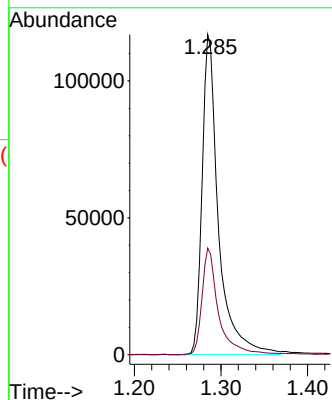
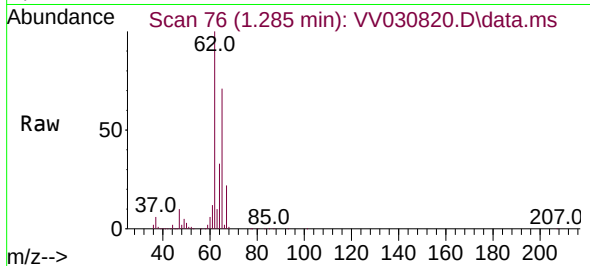
#5
 Vinyl chloride
 Concen: 59.260 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VV030820.D
 Acq: 25 Apr 2023 02:42

Instrument :
 MSVOA_V
 ClientSampleId :
 EW8Z5MS

Tgt Ion: 62 Resp: 15360
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.4 43.4

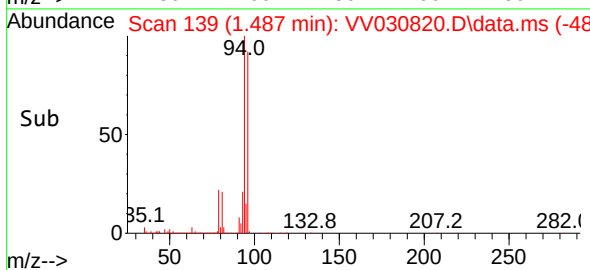
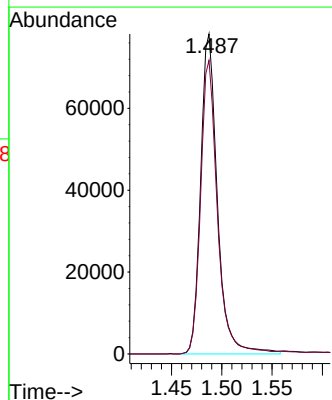
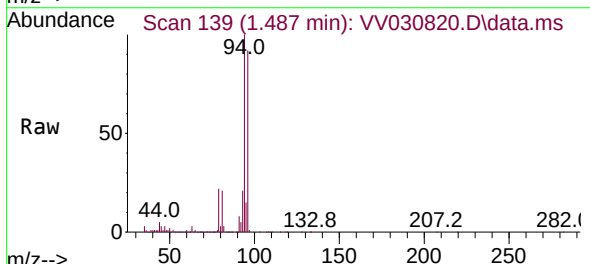
Manual Integrations
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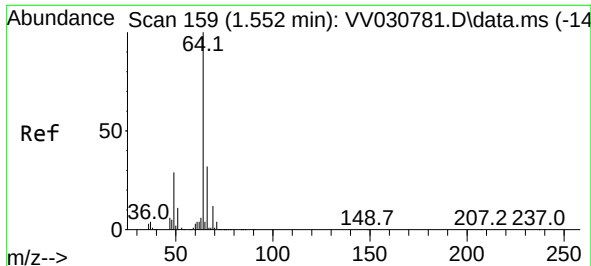
Reviewed By :Krupa Patel 04/26/2023
 Supervised By :Mahesh Dadoda 04/26/2023



#6
 Bromomethane
 Concen: 88.224 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.007 min
 Lab File: VV030820.D
 Acq: 25 Apr 2023 02:42

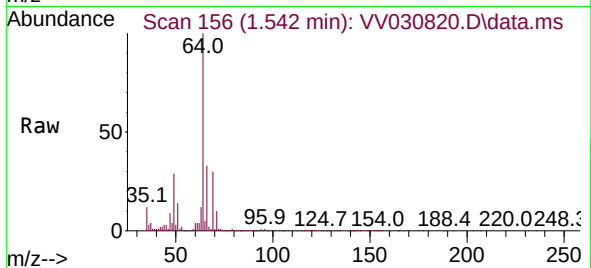
Tgt Ion: 94 Resp: 90680
 Ion Ratio Lower Upper
 94 100
 96 91.7 66.3 123.1





#8
Chloroethane
Concen: 68.502 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.013 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

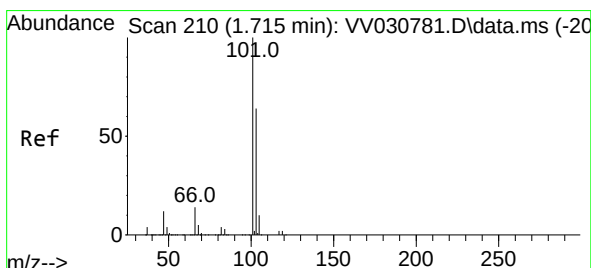
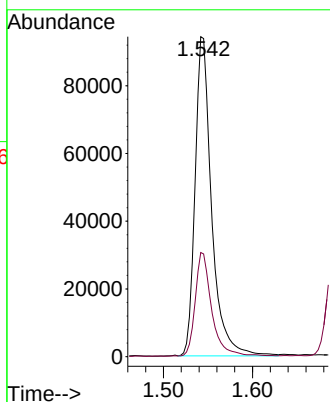
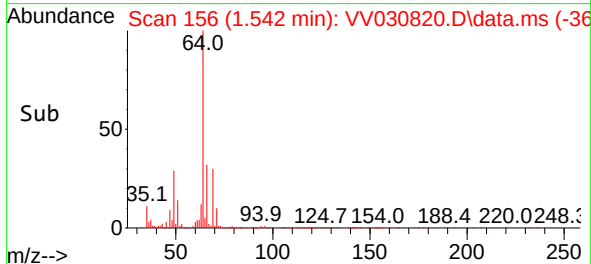
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS



Tgt Ion: 64 Resp: 121788
Ion Ratio Lower Upper
64 100
66 32.6 22.7 42.3

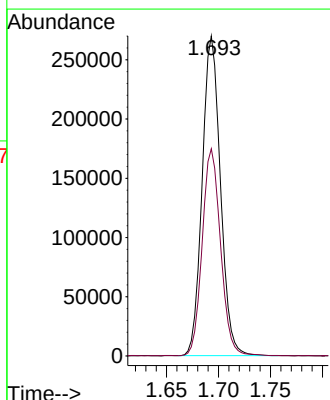
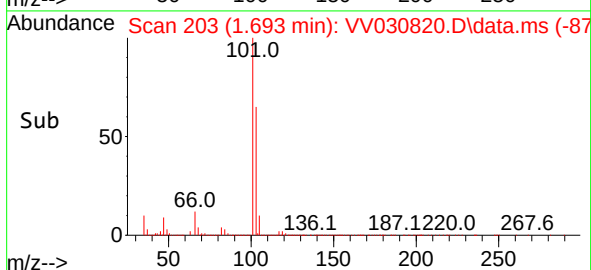
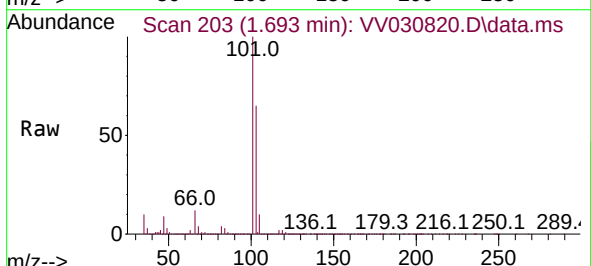
Manual Integrations
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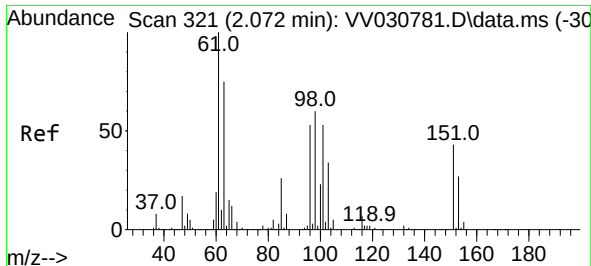
Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#9
Trichlorofluoromethane
Concen: 78.441 ug/L
RT: 1.693 min Scan# 203
Delta R.T. -0.026 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

Tgt Ion:101 Resp: 329538
Ion Ratio Lower Upper
101 100
103 65.5 51.4 77.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 70.059 ug/L

RT: 2.056 min Scan# 316

Delta R.T. -0.019 min

Lab File: VV030820.D

Acq: 25 Apr 2023 02:42

Instrument :

MSVOA_V

ClientSampleId :

EW8Z5MS

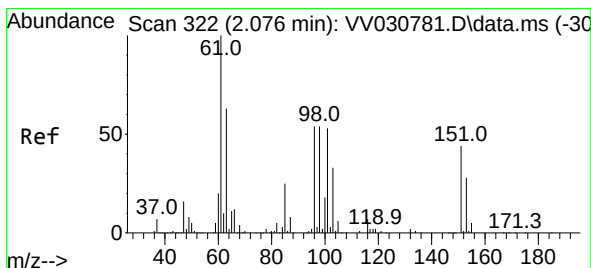
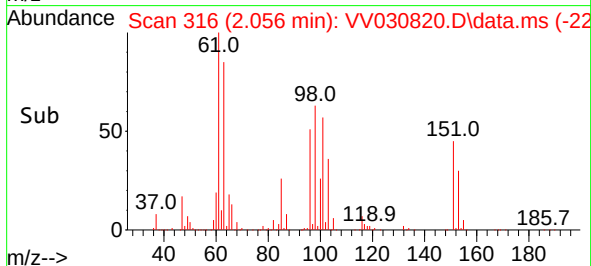
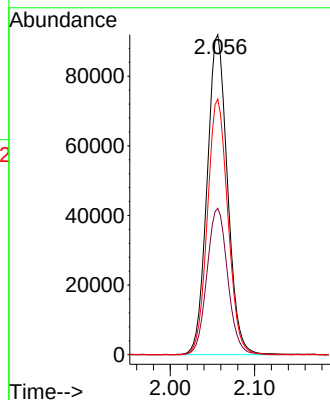
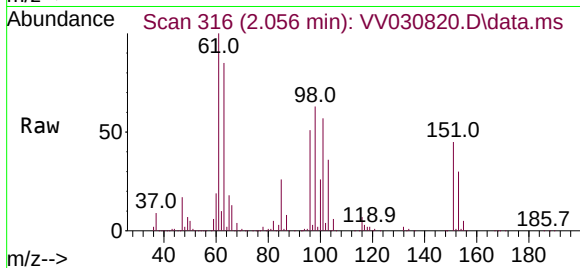
Tgt Ion:101 Resp: 154679
 Ion Ratio Lower Upper
 101 100
 85 46.8 37.5 56.3
 151 80.2 63.5 95.3

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 04/26/2023



#12

1,1-Dichloroethene

Concen: 64.856 ug/L

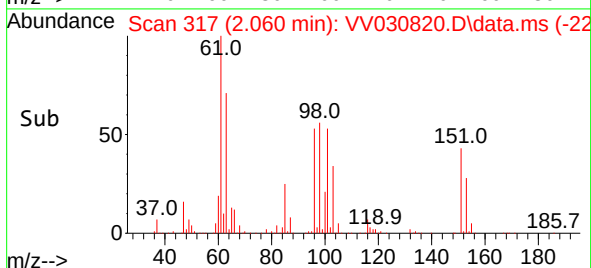
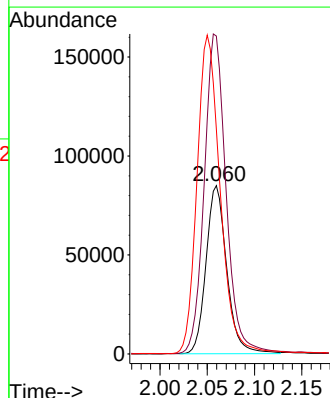
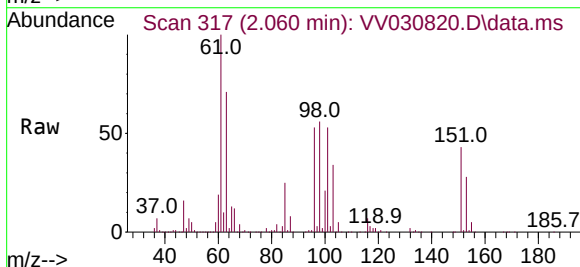
RT: 2.060 min Scan# 317

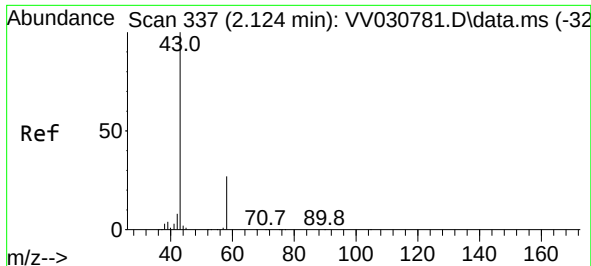
Delta R.T. -0.016 min

Lab File: VV030820.D

Acq: 25 Apr 2023 02:42

Tgt Ion: 96 Resp: 129461
 Ion Ratio Lower Upper
 96 100
 61 188.9 131.9 245.0
 63 133.6 99.8 185.3





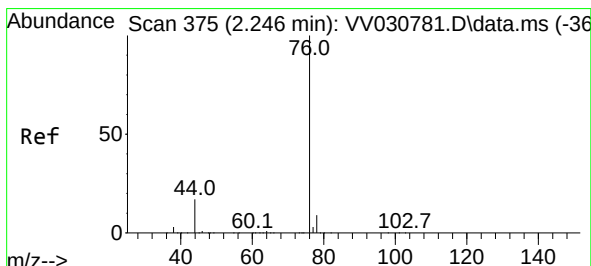
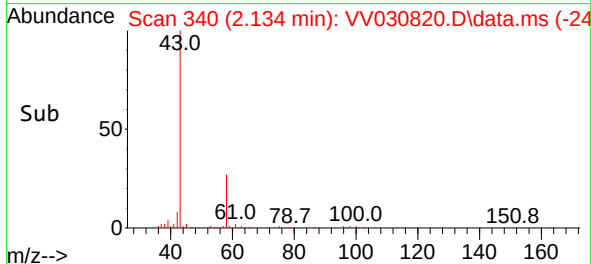
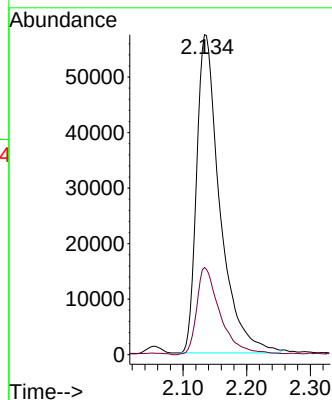
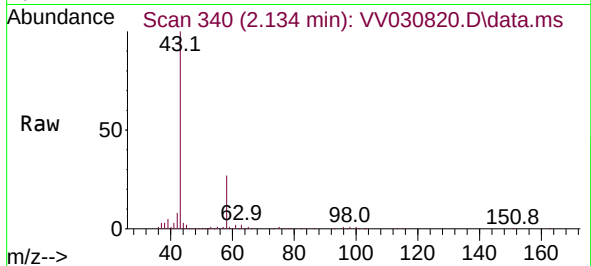
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Acetone
Concen: 82.275 ug/L
RT: 2.134 min Scan# 340
Delta R.T. 0.003 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS

Tgt Ion: 43 Resp: 146135
Ion Ratio Lower Upper
43 100
58 27.6 0.0 52.8

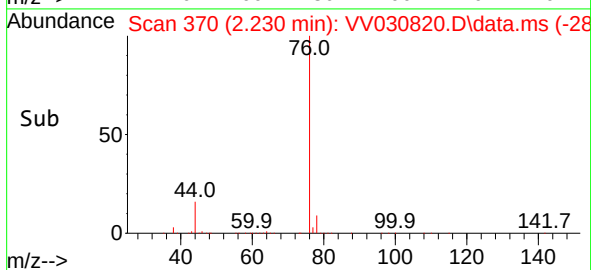
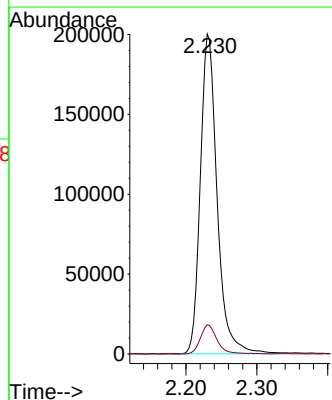
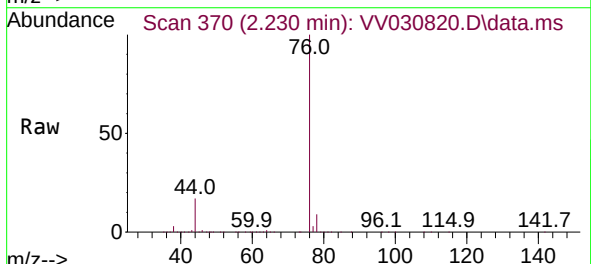
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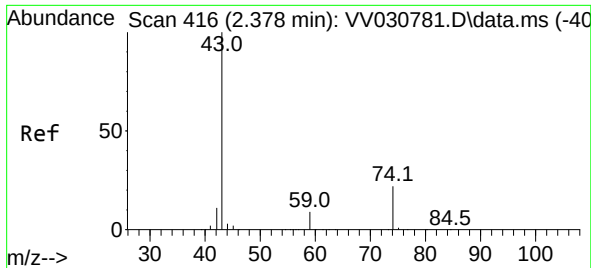
Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#14
Carbon disulfide
Concen: 58.308 ug/L
RT: 2.230 min Scan# 370
Delta R.T. -0.016 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

Tgt Ion: 76 Resp: 328746
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4





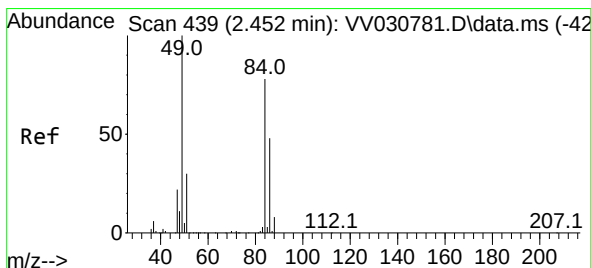
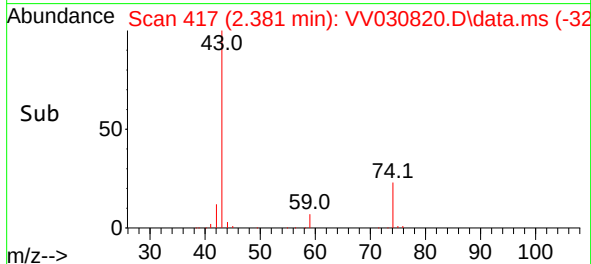
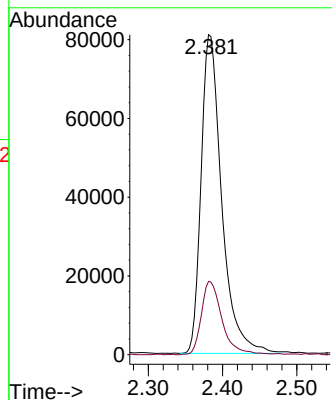
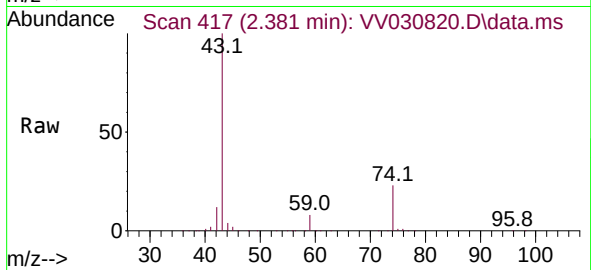
#15
Methyl Acetate
Concen: 66.005 ug/L
RT: 2.381 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS

Tgt Ion: 43 Resp: 156450
Ion Ratio Lower Upper
43 100
74 22.8 17.7 26.5

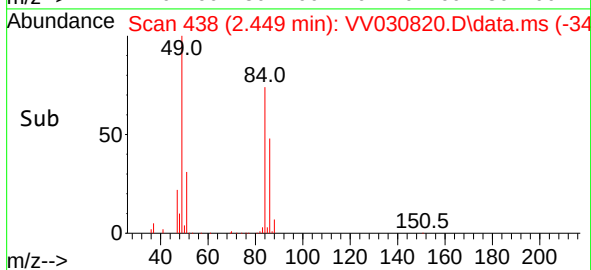
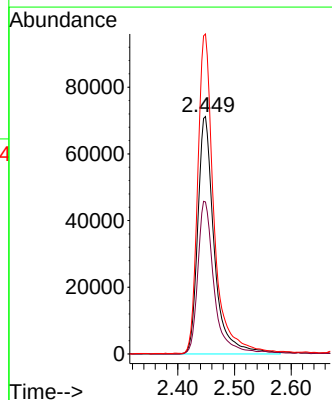
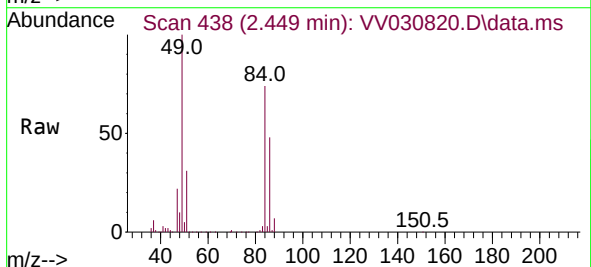
Manual Integrations
APPROVED

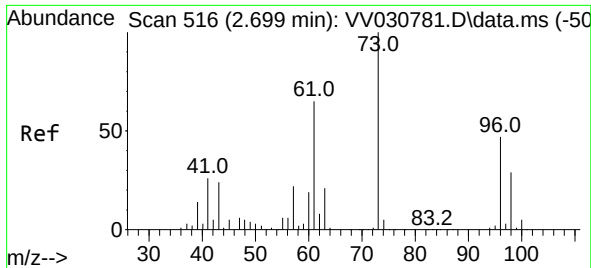
Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#16
Methylene chloride
Concen: 62.970 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.007 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

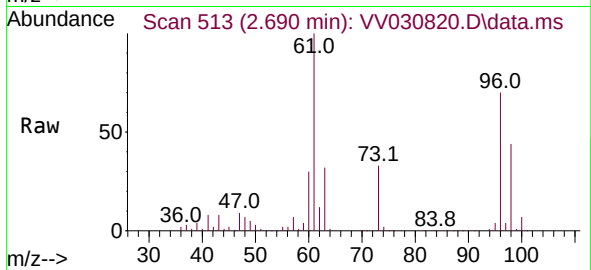
Tgt Ion: 84 Resp: 143840
Ion Ratio Lower Upper
84 100
86 64.0 45.4 84.2
49 134.8 90.4 168.0





#17
trans-1,2-Dichloroethene
Concen: 67.178 ug/L
RT: 2.690 min Scan# 516
Delta R.T. -0.010 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

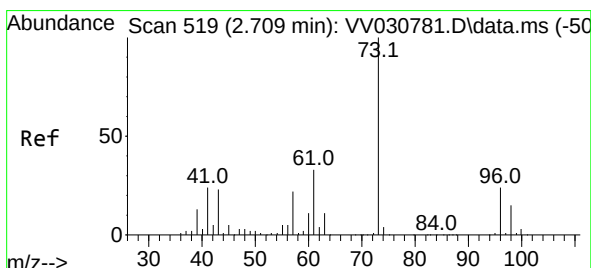
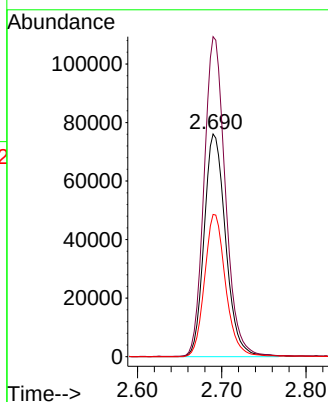
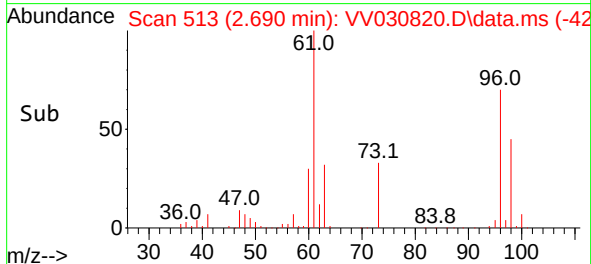
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS



Tgt Ion: 96 Resp: 13537
Ion Ratio Lower Upper
96 100
61 143.6 101.0 187.6
98 63.9 45.4 84.2

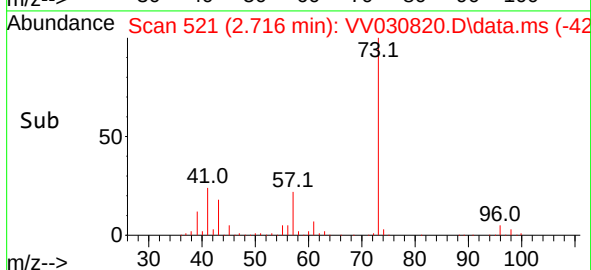
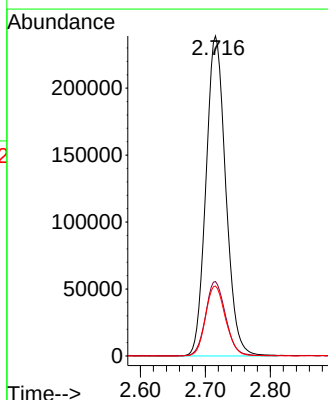
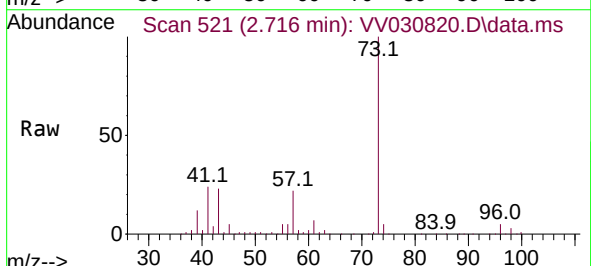
Manual Integrations
APPROVED

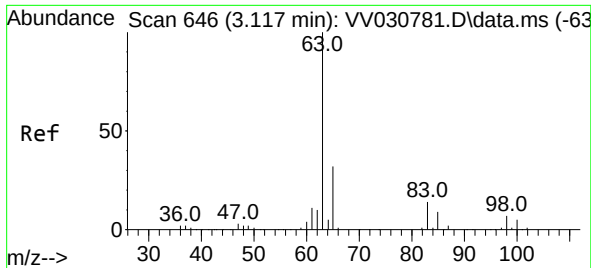
Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#18
Methyl tert-butyl Ether
Concen: 78.320 ug/L
RT: 2.716 min Scan# 521
Delta R.T. 0.003 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

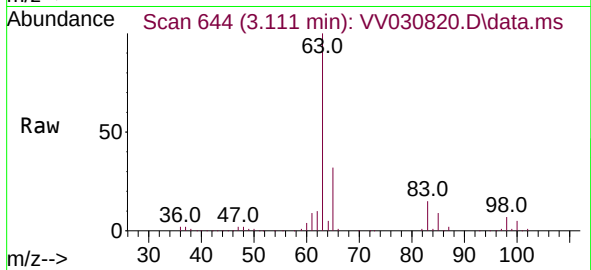
Tgt Ion: 73 Resp: 505517
Ion Ratio Lower Upper
73 100
43 23.4 17.6 26.4
57 22.2 18.2 27.2





#19
1,1-Dichloroethane
Concen: 66.653 ug/L
RT: 3.111 min Scan# 646
Delta R.T. -0.010 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

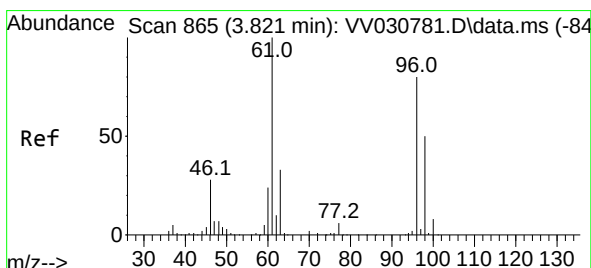
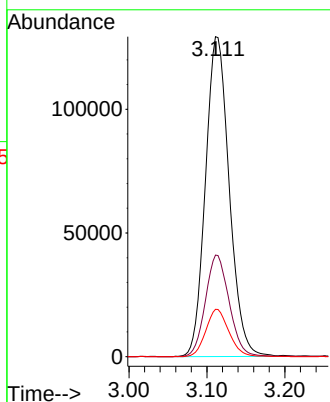
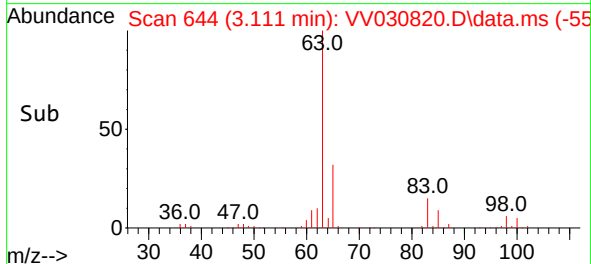
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS



Tgt Ion: 63 Resp: 273840
Ion Ratio Lower Upper
63 100
65 31.8 21.8 40.6
83 14.8 10.2 19.0

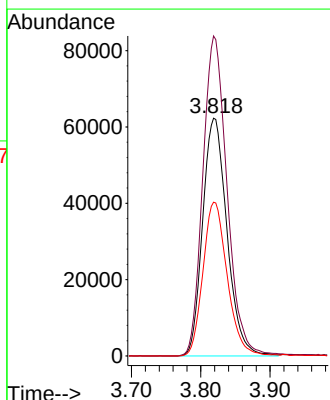
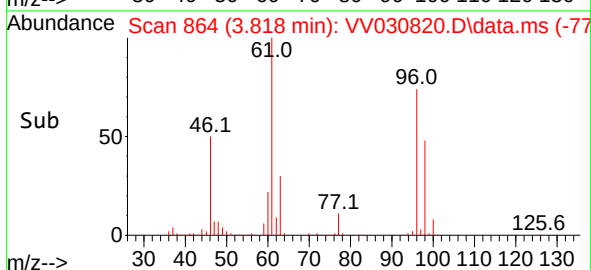
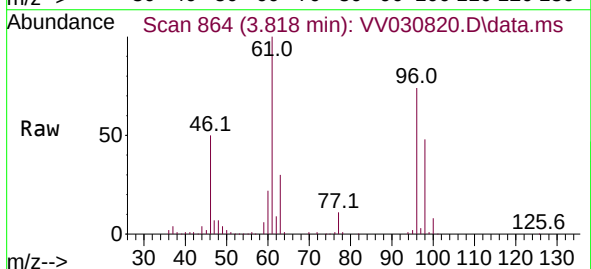
Manual Integrations
APPROVED

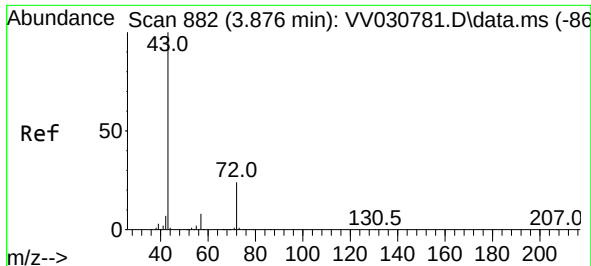
Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#20
cis-1,2-Dichloroethene
Concen: 69.362 ug/L
RT: 3.818 min Scan# 864
Delta R.T. -0.007 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

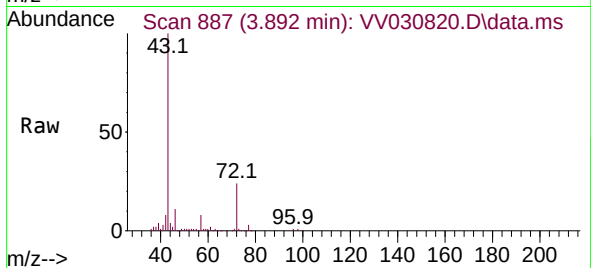
Tgt Ion: 96 Resp: 152045
Ion Ratio Lower Upper
96 100
61 134.6 92.3 171.3
98 64.7 45.9 85.3





#22
2-Butanone
Concen: 111.666 ug/L
RT: 3.892 min Scan# 881
Delta R.T. 0.009 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

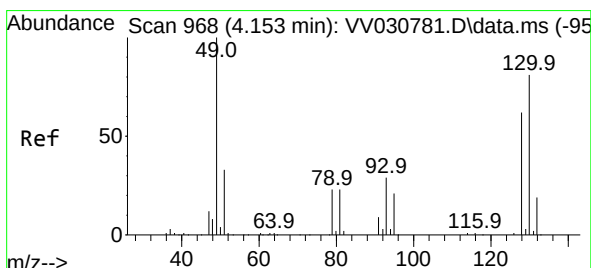
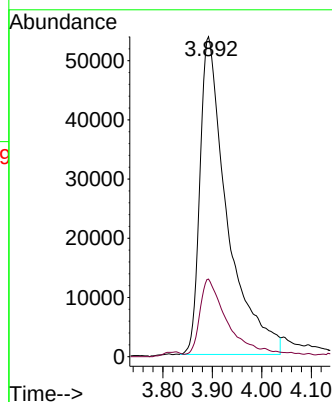
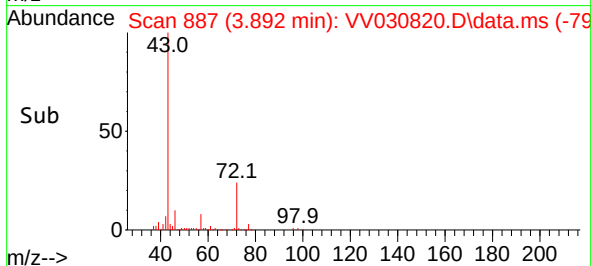
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS



Tgt Ion: 43 Resp: 20496
Ion Ratio Lower Upper
43 100
72 22.3 11.5 34.4

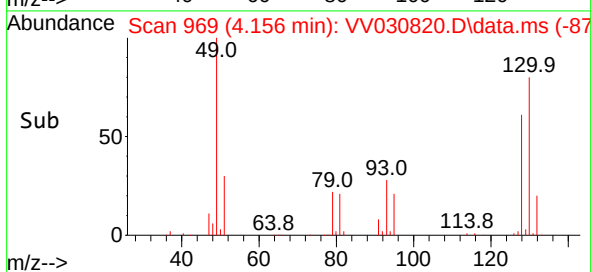
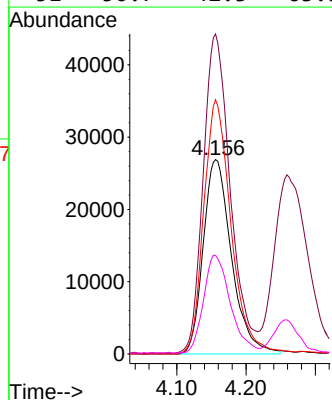
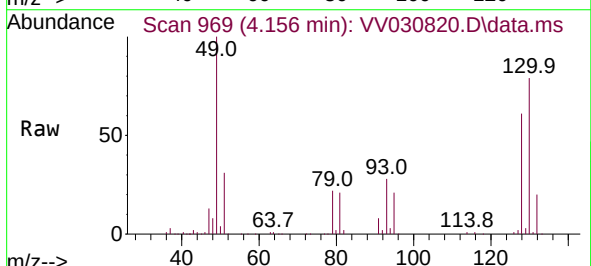
Manual Integrations
APPROVED

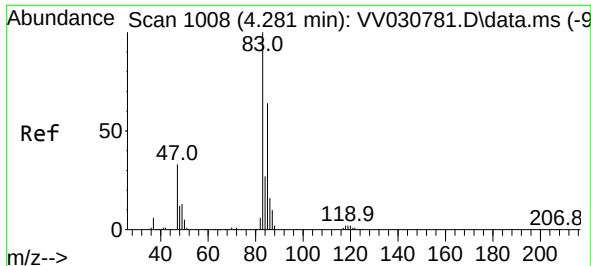
Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#23
Bromochloromethane
Concen: 62.127 ug/L
RT: 4.156 min Scan# 969
Delta R.T. -0.003 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

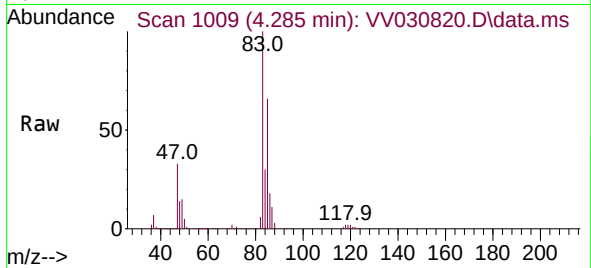
Tgt Ion:128 Resp: 76062
Ion Ratio Lower Upper
128 100
49 164.5 114.7 213.1
130 130.7 89.0 165.2
51 50.7 42.3 63.5





#25
Chloroform
Concen: 68.931 ug/L
RT: 4.285 min Scan# 1008
Delta R.T. -0.000 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

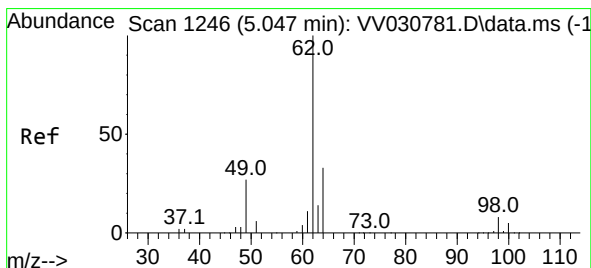
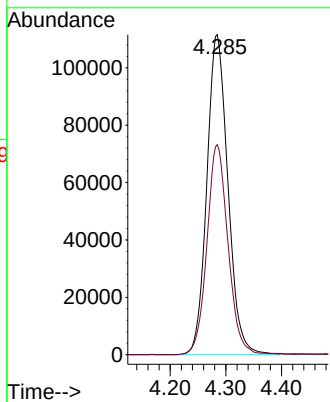
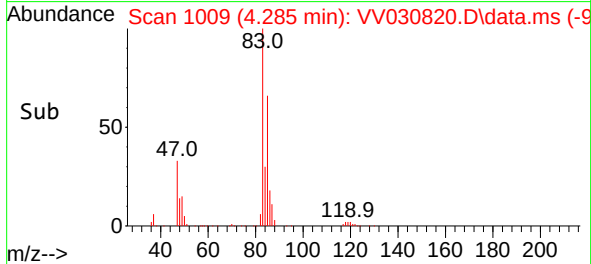
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS



Tgt Ion: 83 Resp: 293124
Ion Ratio Lower Upper
83 100
85 65.6 45.8 85.2

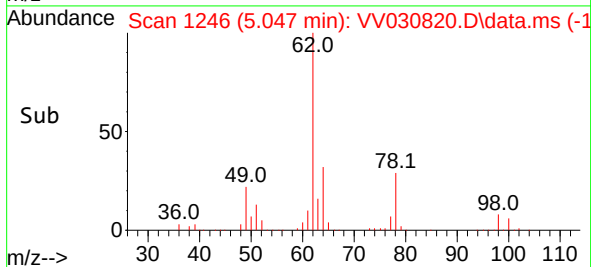
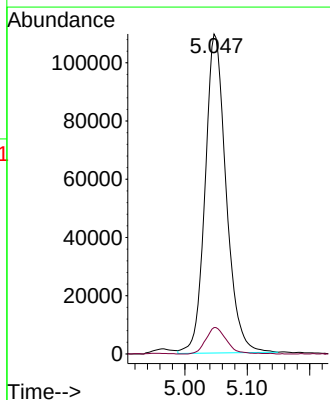
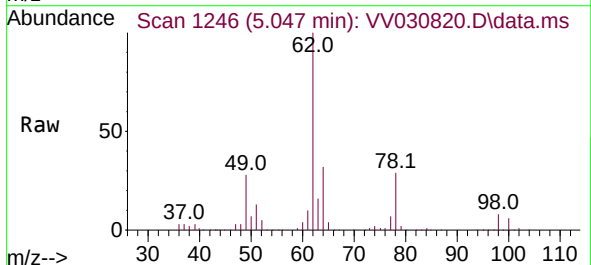
Manual Integrations
APPROVED

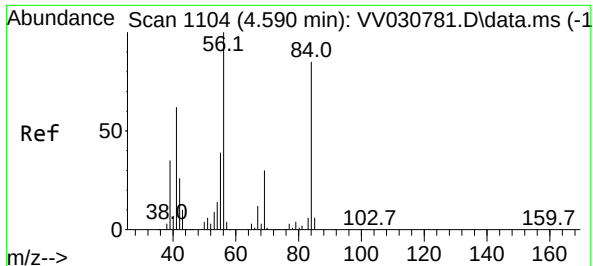
Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#27
1,2-Dichloroethane
Concen: 71.307 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.003 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

Tgt Ion: 62 Resp: 256684
Ion Ratio Lower Upper
62 100
98 8.3 6.4 9.6





#29

Cyclohexane

Concen: 72.376 ug/L

RT: 4.584 min Scan# 1104

Delta R.T. -0.010 min

Lab File: VV030820.D

Acq: 25 Apr 2023 02:42

Instrument :

MSVOA_V

ClientSampleId :

EW8Z5MS

Tgt Ion: 56 Resp: 24080

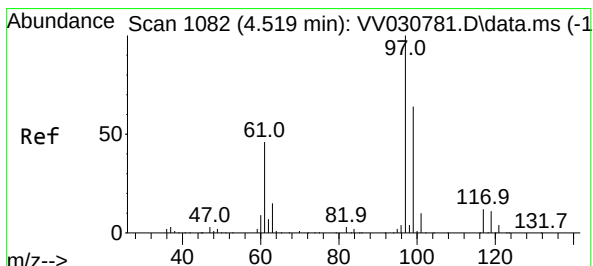
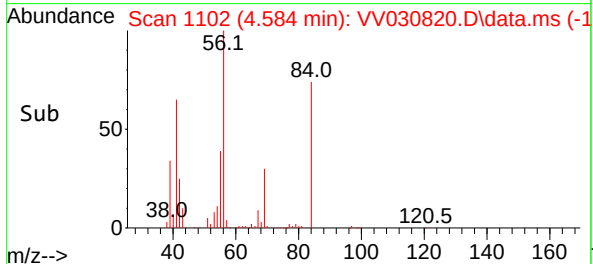
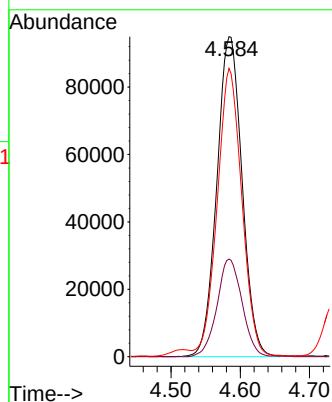
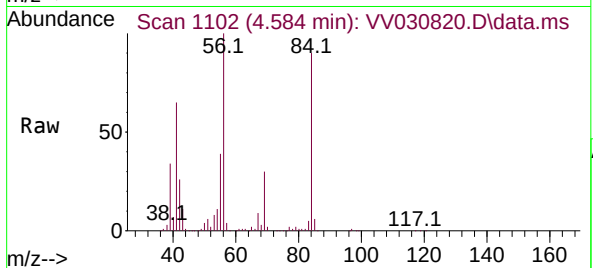
Ion	Ratio	Lower	Upper
56	100		
69	30.2	24.0	36.0
84	86.5	68.2	102.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#30

1,1,1-Trichloroethane

Concen: 71.211 ug/L

RT: 4.516 min Scan# 1081

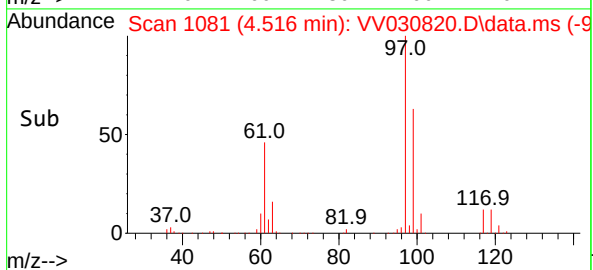
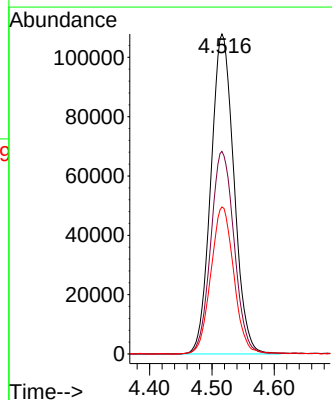
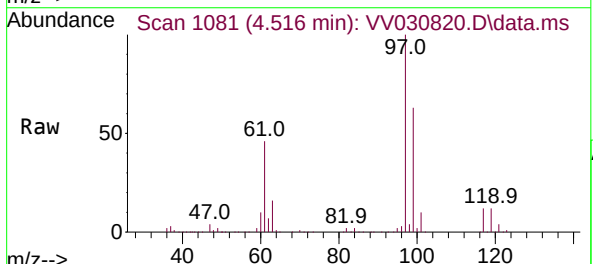
Delta R.T. -0.007 min

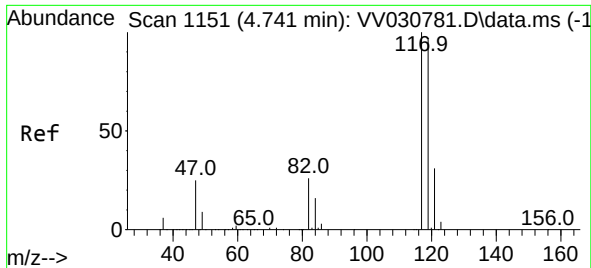
Lab File: VV030820.D

Acq: 25 Apr 2023 02:42

Tgt Ion: 97 Resp: 277421

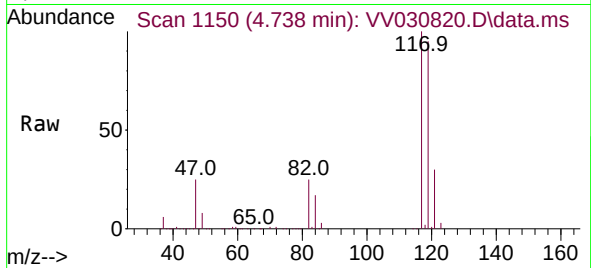
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.4	77.0
61	45.4	37.0	55.6





#31
Carbon tetrachloride
Concen: 69.803 ug/L
RT: 4.738 min Scan# 1151
Delta R.T. -0.007 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

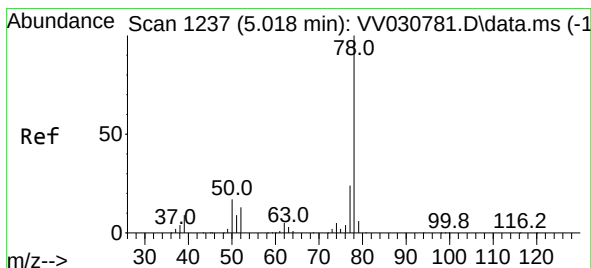
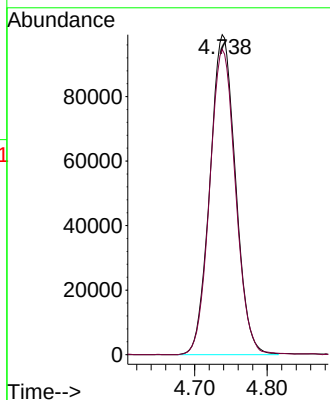
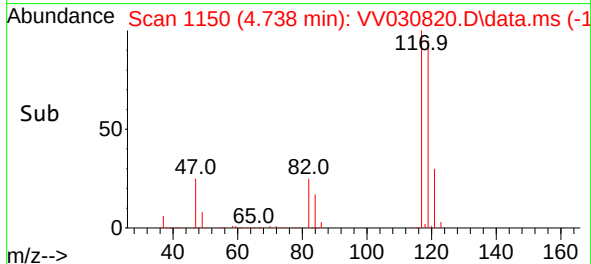
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS



Tgt Ion:117 Resp: 243128
Ion Ratio Lower Upper
117 100
119 96.3 75.9 113.9

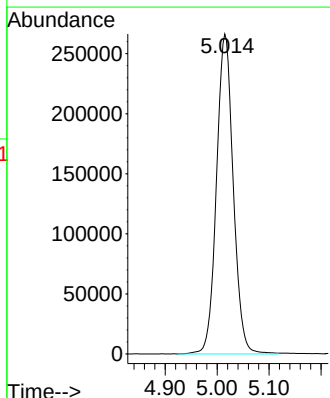
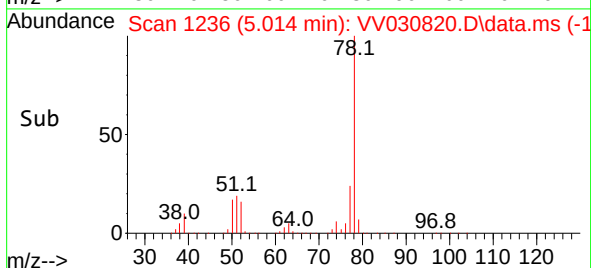
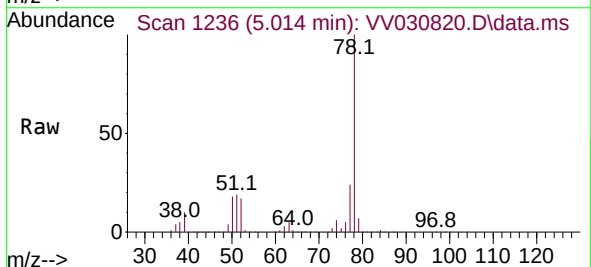
Manual Integrations
APPROVED

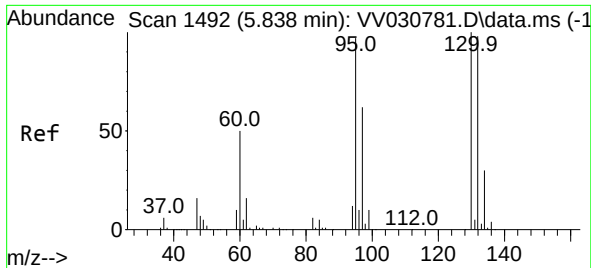
Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#33
Benzene
Concen: 70.947 ug/L
RT: 5.014 min Scan# 1236
Delta R.T. -0.003 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

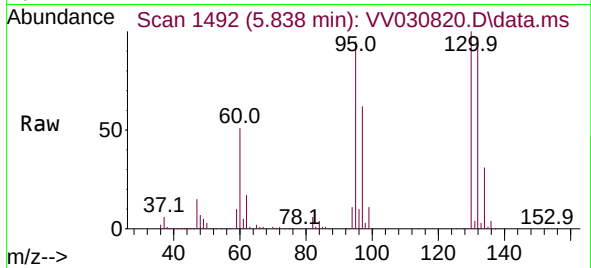
Tgt Ion: 78 Resp: 597311





#34
Trichloroethene
Concen: 69.321 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. -0.003 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

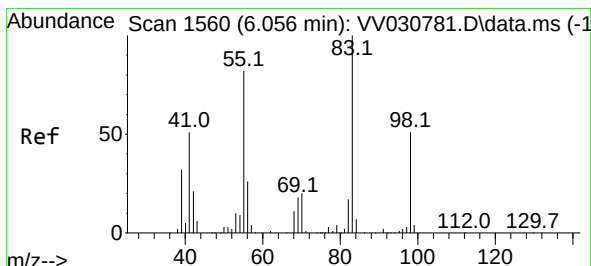
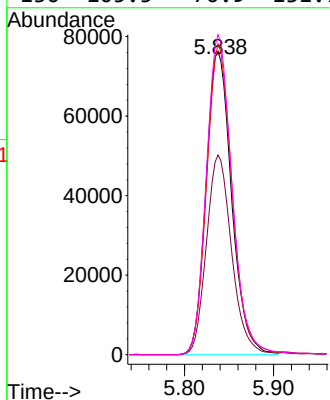
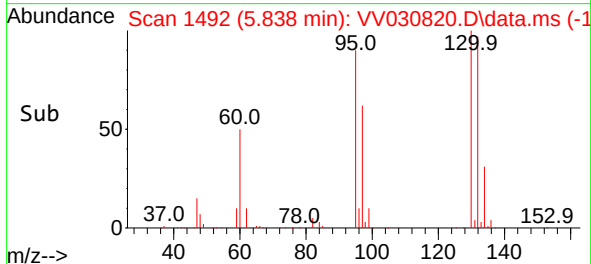
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS



Tgt Ion: 95 Resp: 15180
Ion Ratio Lower Upper
95 100
97 65.8 45.8 85.2
132 102.4 70.6 131.2
130 105.5 70.9 131.7

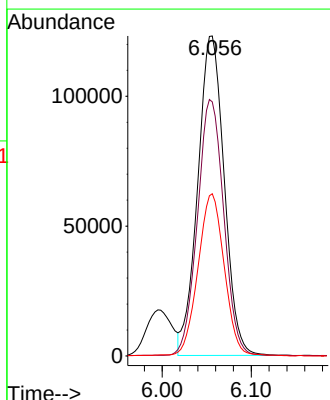
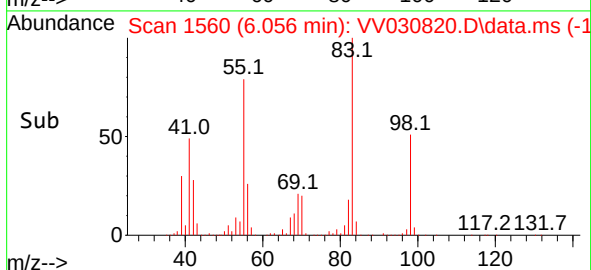
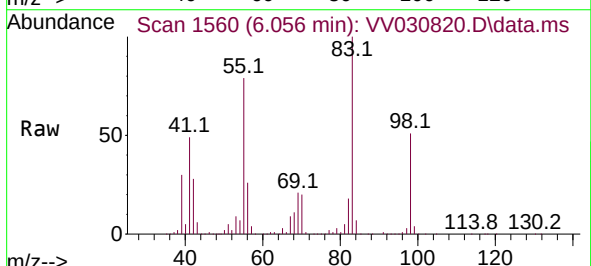
Manual Integrations
APPROVED

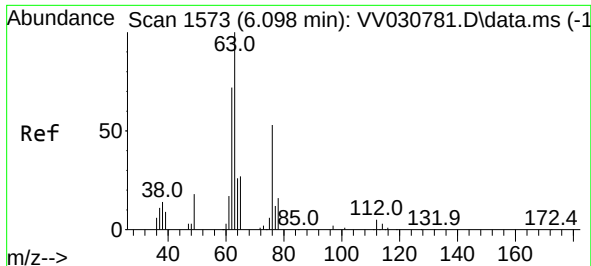
Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#35
Methylcyclohexane
Concen: 74.002 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. -0.003 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

Tgt Ion: 83 Resp: 253931
Ion Ratio Lower Upper
83 100
55 79.4 65.5 98.3
98 49.4 38.7 58.1





#37

1,2-Dichloropropane

Concen: 69.504 ug/L

RT: 6.101 min Scan# 1574

Delta R.T. -0.000 min

Lab File: VV030820.D

Acq: 25 Apr 2023 02:42

Instrument :

MSVOA_V

ClientSampleId :

EW8Z5MS

Tgt Ion: 63 Resp: 157499

Ion Ratio Lower Upper

63 100

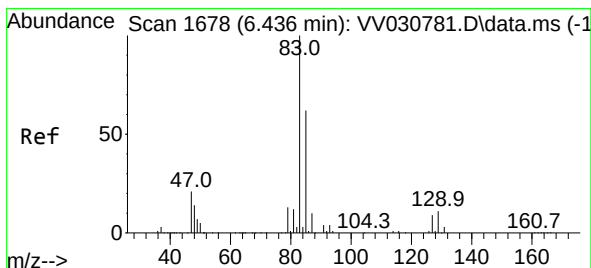
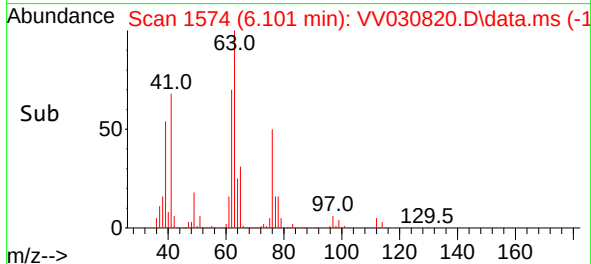
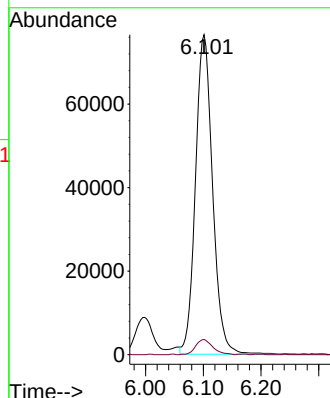
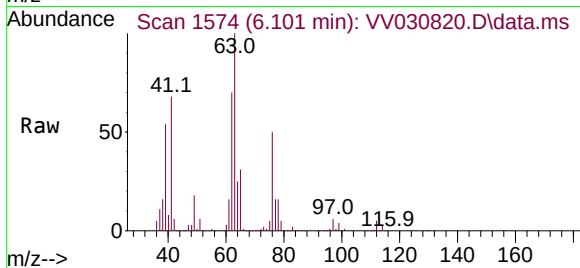
112 4.7 3.8 5.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#38

Bromodichloromethane

Concen: 68.519 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.003 min

Lab File: VV030820.D

Acq: 25 Apr 2023 02:42

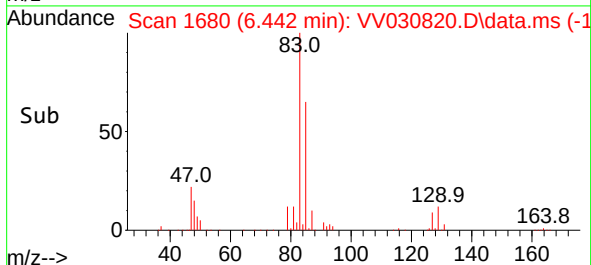
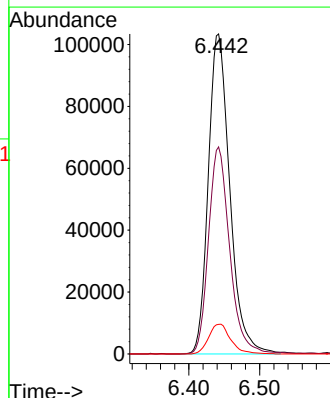
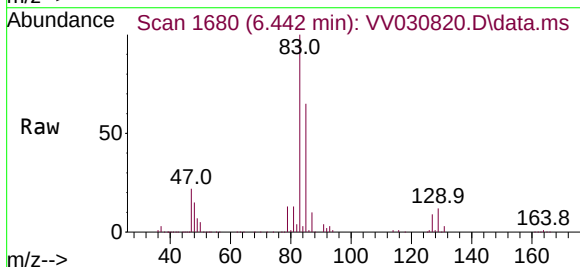
Tgt Ion: 83 Resp: 218113

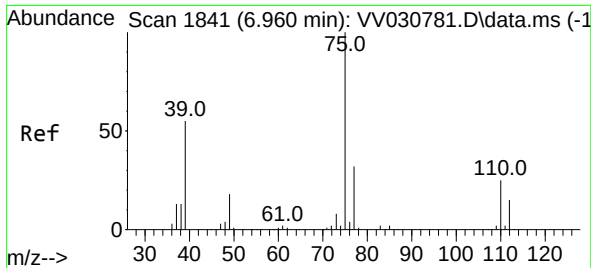
Ion Ratio Lower Upper

83 100

85 64.7 45.4 84.4

127 9.3 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 73.854 ug/L

RT: 6.960 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV030820.D

Acq: 25 Apr 2023 02:42

Instrument :

MSVOA_V

ClientSampleId :

EW8Z5MS

Tgt Ion: 75 Resp: 25118

Ion Ratio Lower Upper

75 100

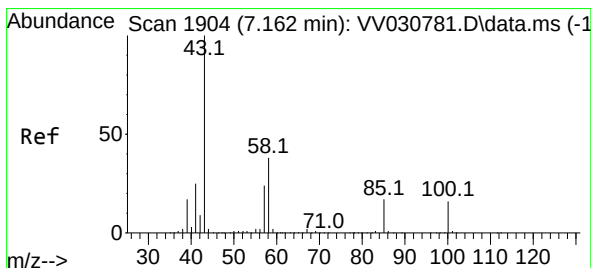
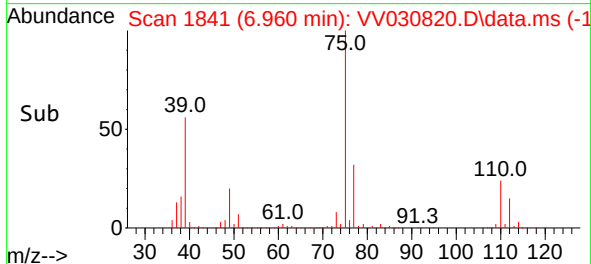
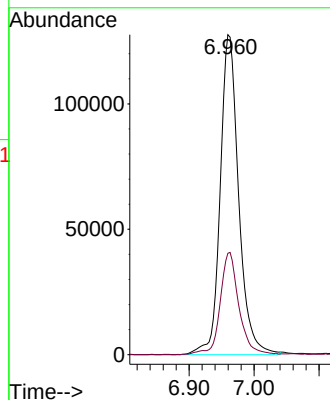
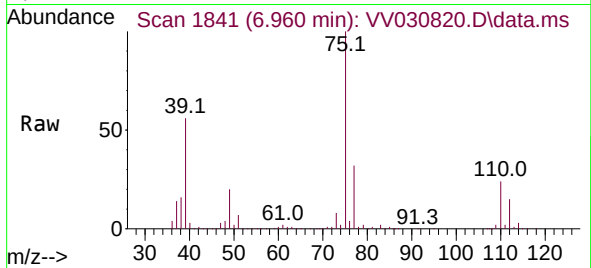
77 31.7 22.0 40.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#40

4-Methyl-2-pentanone

Concen: 96.832 ug/L

RT: 7.172 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VV030820.D

Acq: 25 Apr 2023 02:42

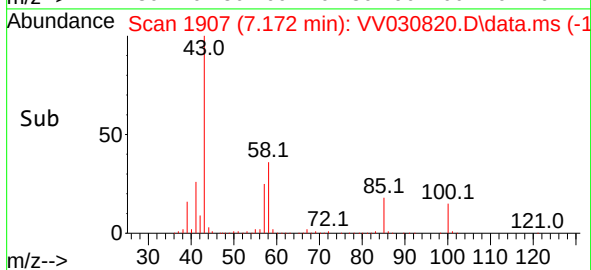
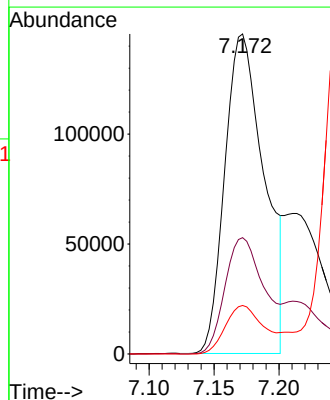
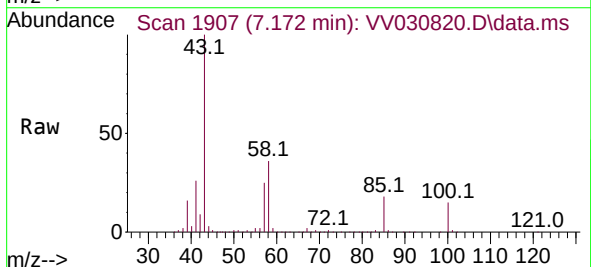
Tgt Ion: 43 Resp: 306515

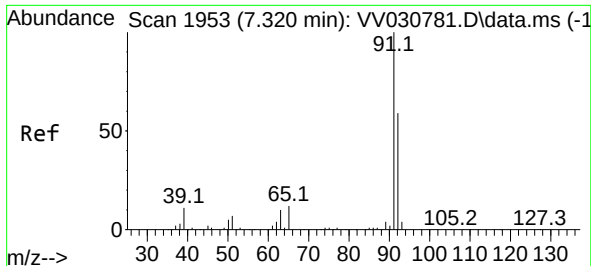
Ion Ratio Lower Upper

43 100

58 36.7 29.2 43.8

100 14.5 11.3 16.9





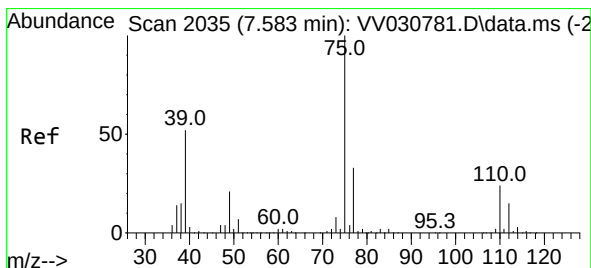
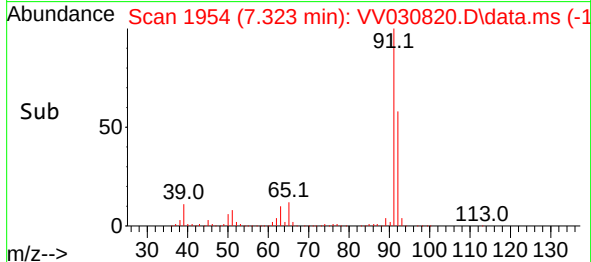
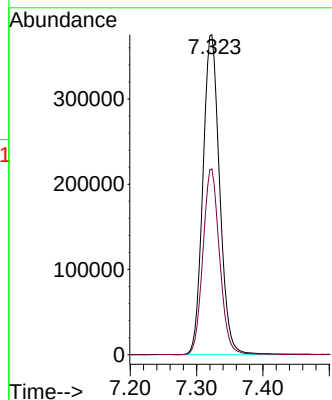
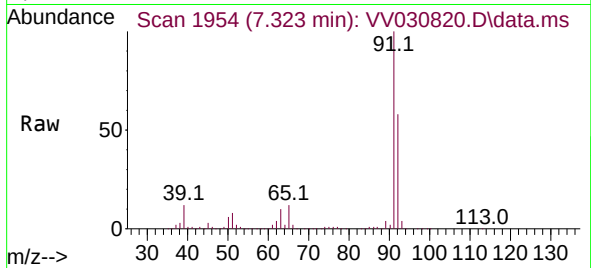
#42
Toluene
Concen: 72.915 ug/L
RT: 7.323 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS

Tgt Ion: 91 Resp: 657529
Ion Ratio Lower Upper
91 100
92 58.1 39.8 73.8

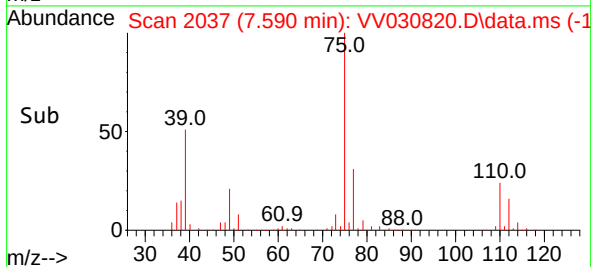
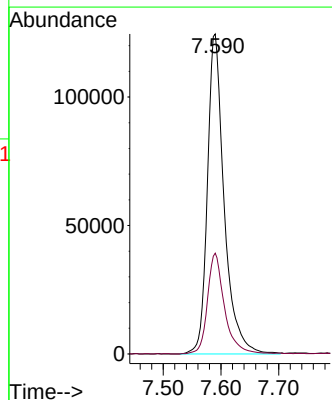
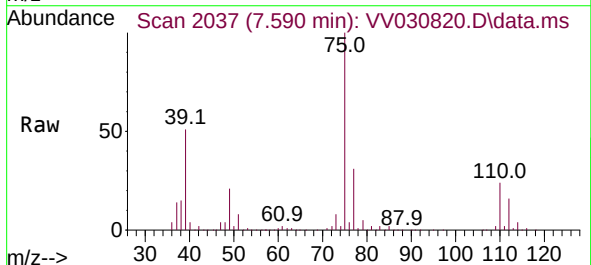
Manual Integrations
APPROVED

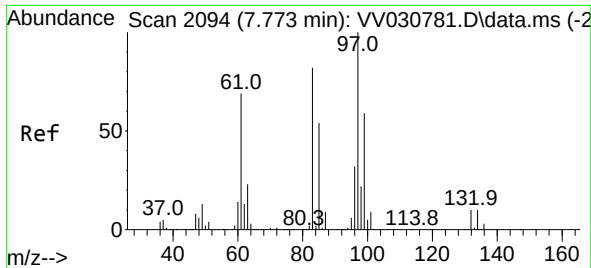
Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#44
trans-1,3-Dichloropropene
Concen: 75.169 ug/L
RT: 7.590 min Scan# 2037
Delta R.T. 0.003 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

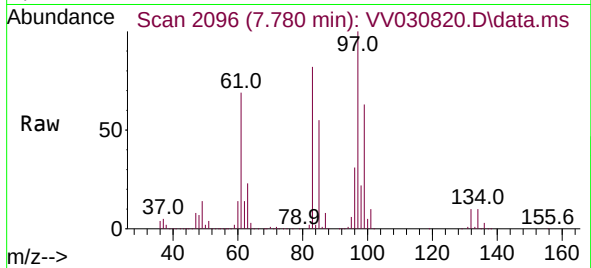
Tgt Ion: 75 Resp: 251173
Ion Ratio Lower Upper
75 100
77 31.5 22.1 41.1





#45
1,1,2-Trichloroethane
Concen: 69.704 ug/L
RT: 7.780 min Scan# 2096
Delta R.T. 0.003 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

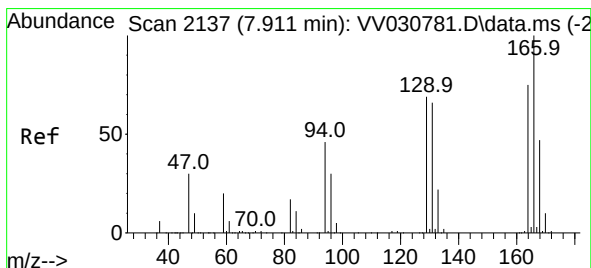
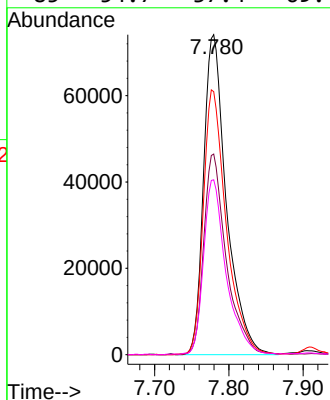
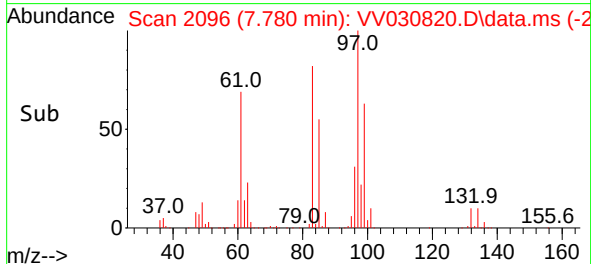
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS



Tgt Ion: 97 Resp: 15838
Ion Ratio Lower Upper
97 100
99 62.7 43.8 81.4
83 82.2 59.6 110.6
85 54.7 37.4 69.4

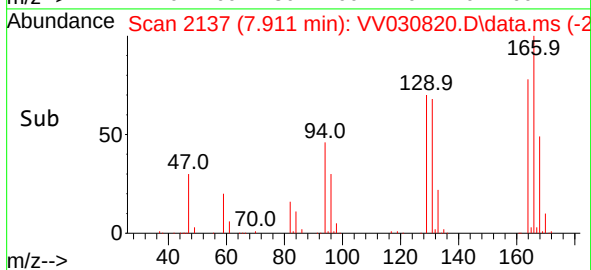
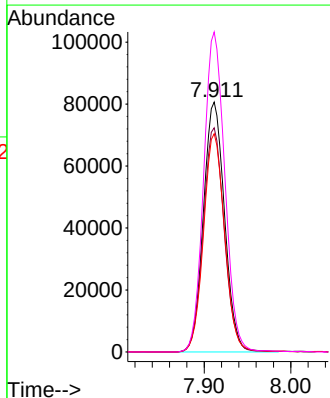
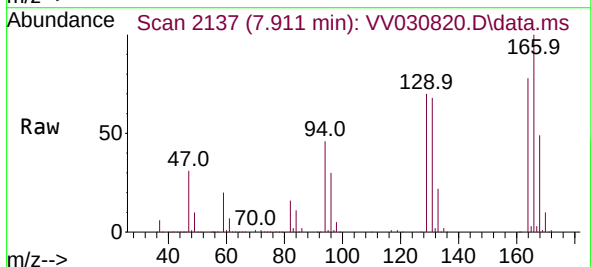
Manual Integrations
APPROVED

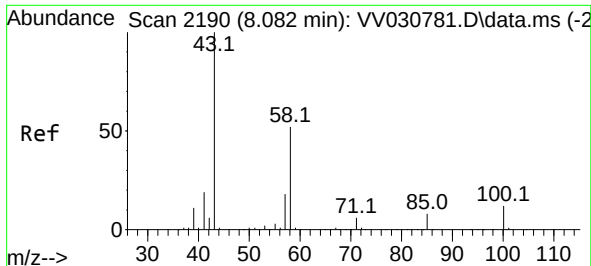
Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#46
Tetrachloroethene
Concen: 71.494 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

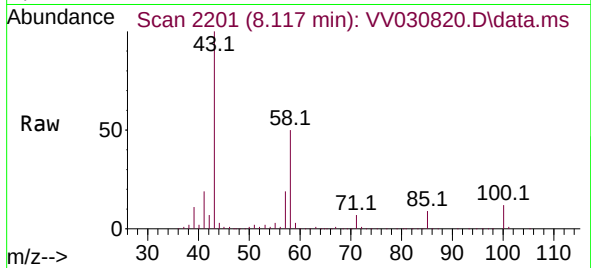
Tgt Ion:164 Resp: 137043
Ion Ratio Lower Upper
164 100
129 89.7 63.8 118.6
131 87.3 60.3 111.9
166 128.1 89.5 166.1





#48
2-Hexanone
Concen: 135.824 ug/L m
RT: 8.117 min Scan# 2190
Delta R.T. 0.035 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

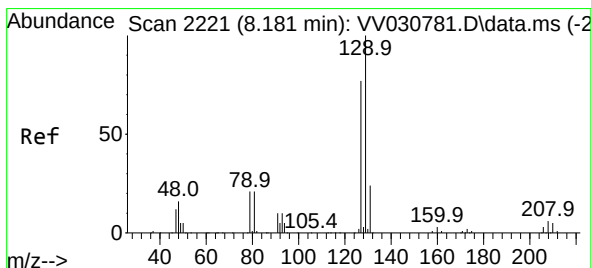
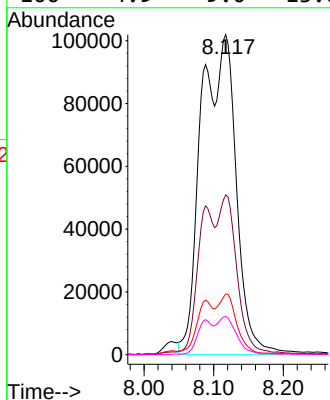
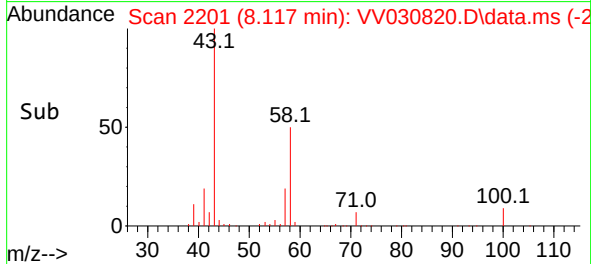
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS



Tgt Ion: 43 Resp: 354752
Ion Ratio Lower Upper
43 100
58 21.4 41.4 62.0
57 7.4 14.9 22.3
100 4.9 9.0 13.6

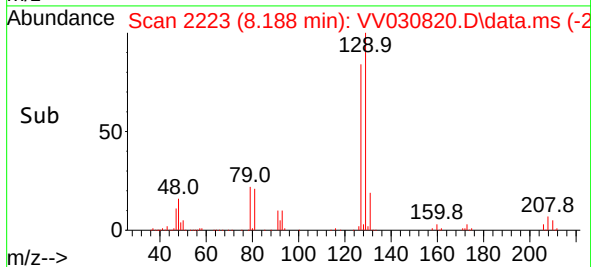
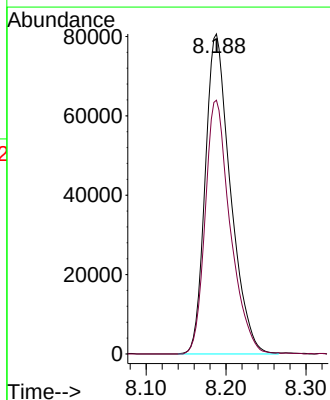
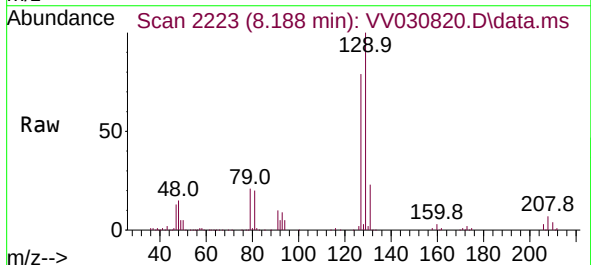
Manual Integrations
APPROVED

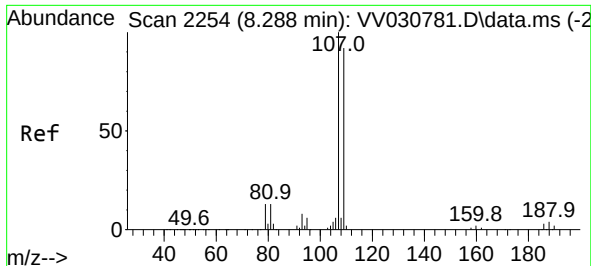
Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#49
Dibromochloromethane
Concen: 70.579 ug/L
RT: 8.188 min Scan# 2223
Delta R.T. 0.003 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

Tgt Ion:129 Resp: 176898
Ion Ratio Lower Upper
129 100
127 79.3 52.8 98.2





#50

1,2-Dibromoethane

Concen: 69.315 ug/L

RT: 8.291 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV030820.D

Acq: 25 Apr 2023 02:42

Instrument :

MSVOA_V

ClientSampleId :

EW8Z5MS

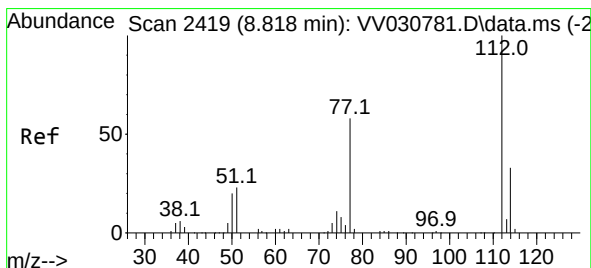
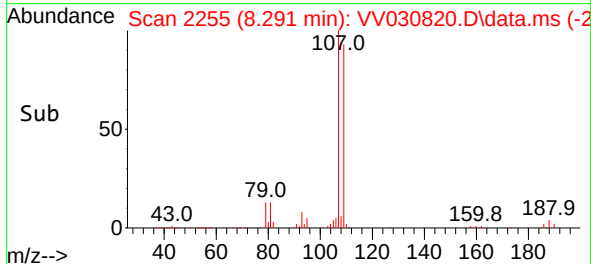
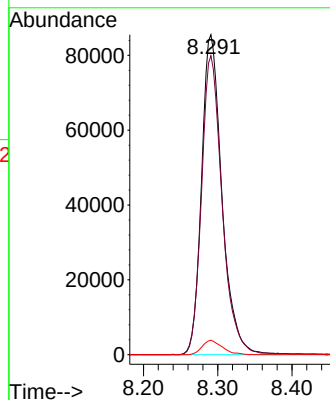
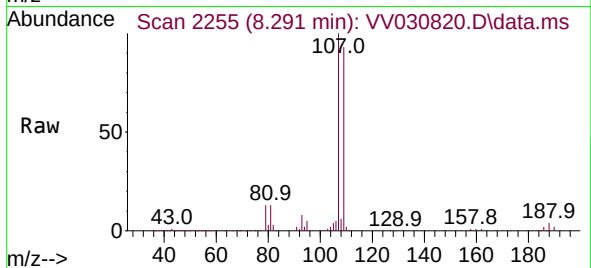
Tgt Ion:	107	Resp:	16319
Ion Ratio	Lower	Upper	
107	100		
109	93.5	65.7	121.9
188	4.5	3.2	4.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#51

Chlorobenzene

Concen: 72.044 ug/L

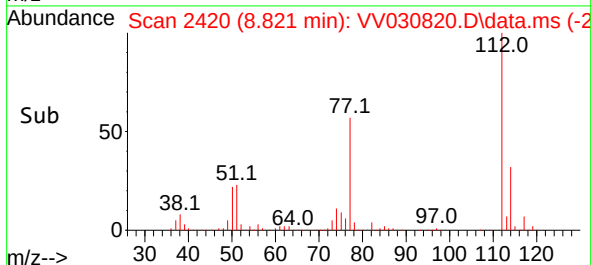
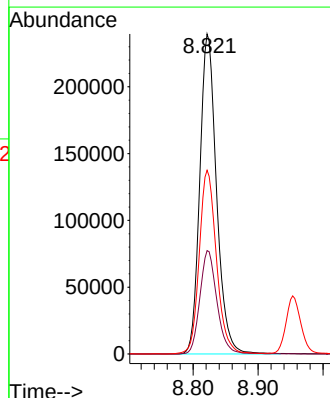
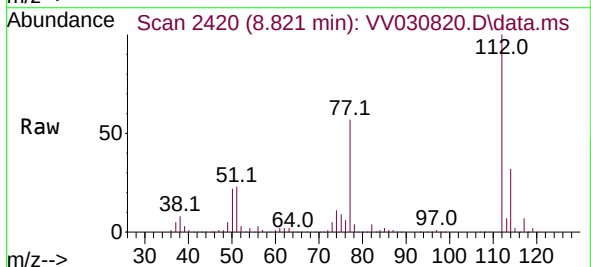
RT: 8.821 min Scan# 2420

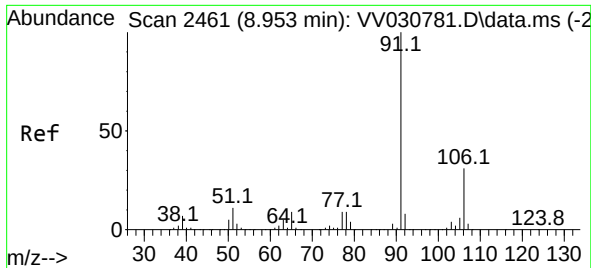
Delta R.T. -0.000 min

Lab File: VV030820.D

Acq: 25 Apr 2023 02:42

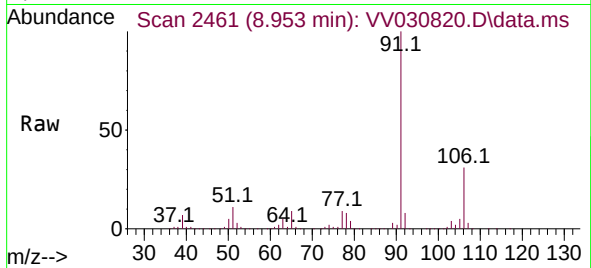
Tgt Ion:	112	Resp:	430267
Ion Ratio	Lower	Upper	
112	100		
114	32.3	22.4	41.6
77	57.4	47.4	71.0





#52
Ethylbenzene
Concen: 74.961 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. -0.000 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

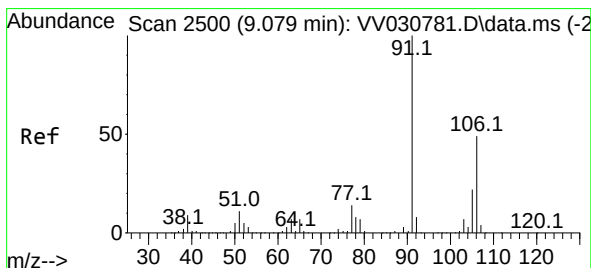
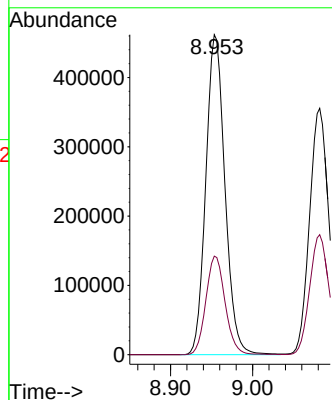
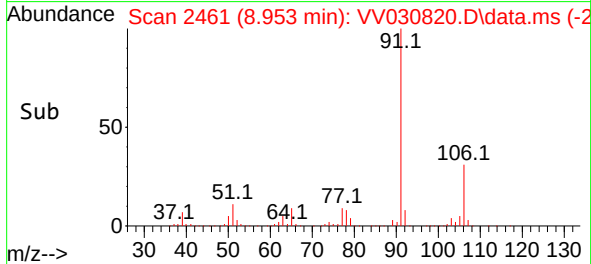
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS



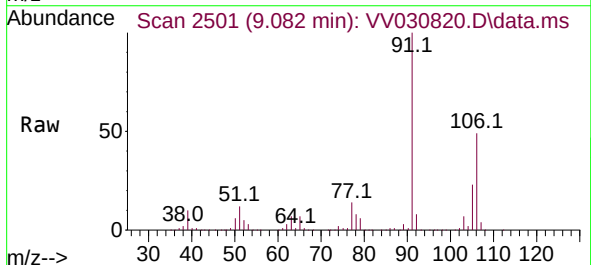
Tgt Ion: 91 Resp: 748345
Ion Ratio Lower Upper
91 100
106 30.8 21.8 40.4

Manual Integrations
APPROVED

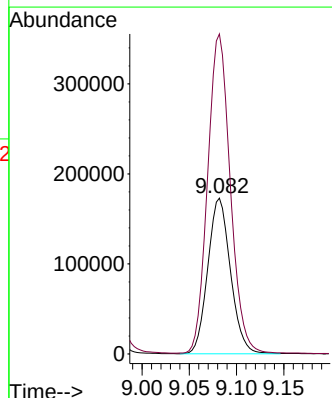
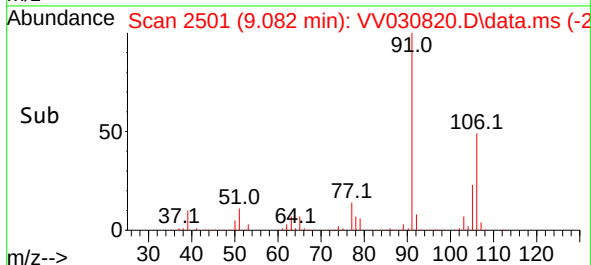
Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

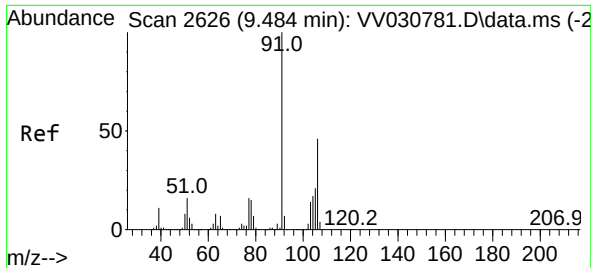


#53
m,p-Xylene
Concen: 76.598 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.003 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42



Tgt Ion:106 Resp: 288844
Ion Ratio Lower Upper
106 100
91 205.3 144.7 268.7





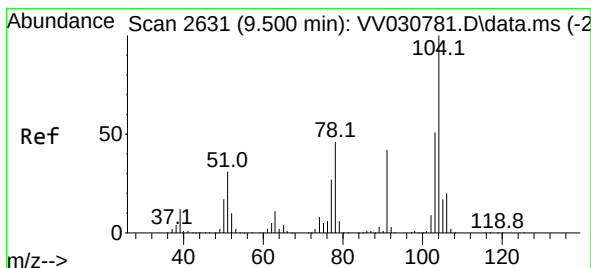
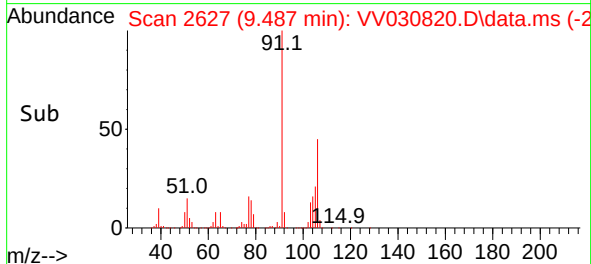
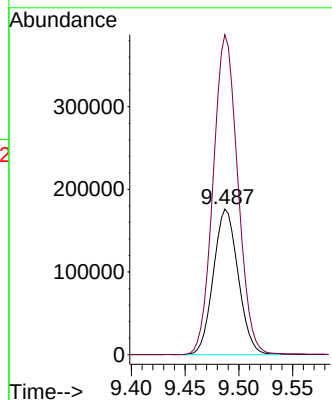
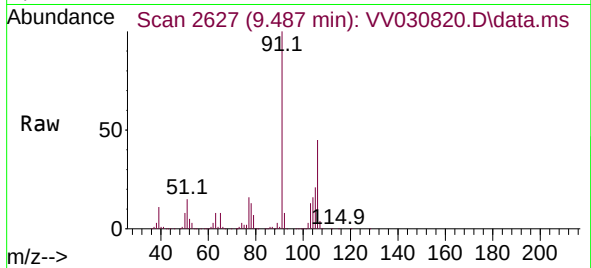
#54
o-Xylene
Concen: 76.682 ug/L
RT: 9.487 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS

Tgt Ion:106 Resp: 28288
Ion Ratio Lower Upper
106 100
91 219.8 152.6 283.4

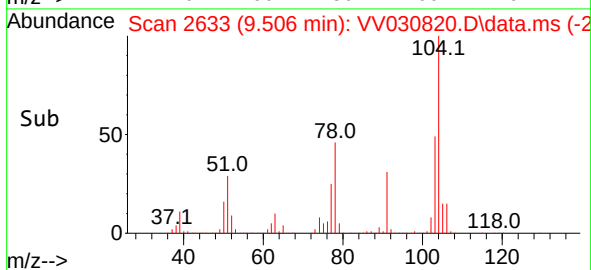
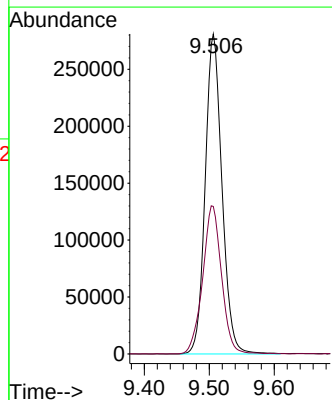
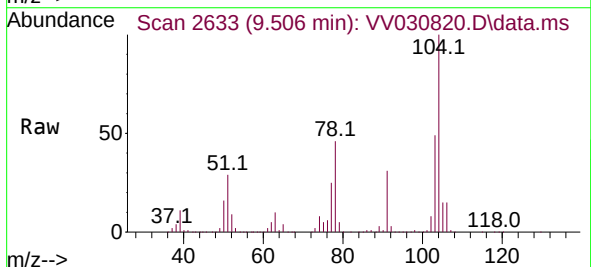
Manual Integrations
APPROVED

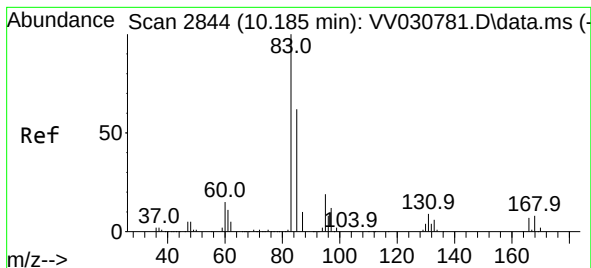
Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#55
Styrene
Concen: 78.028 ug/L
RT: 9.506 min Scan# 2633
Delta R.T. 0.003 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

Tgt Ion:104 Resp: 505627
Ion Ratio Lower Upper
104 100
78 46.1 32.3 59.9





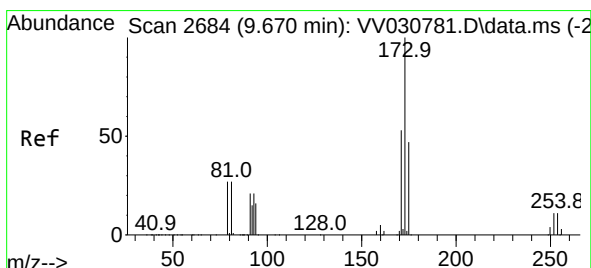
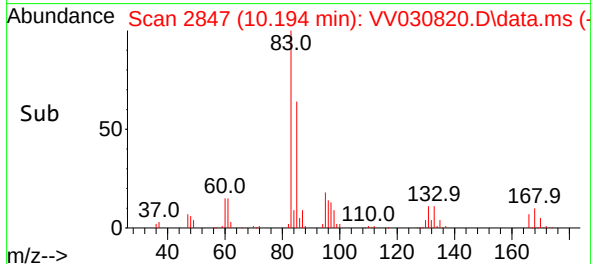
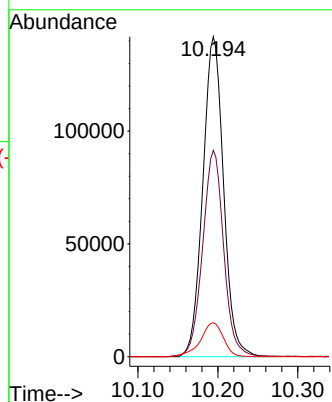
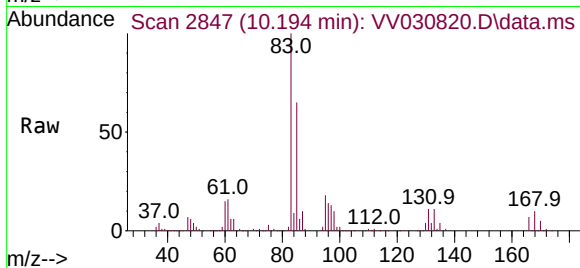
#57
1,1,2,2-Tetrachloroethane
Concen: 68.702 ug/L
RT: 10.194 min Scan# 2847
Delta R.T. 0.009 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS

Tgt Ion: 83 Resp: 256300
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.7
131 10.6 8.0 12.0

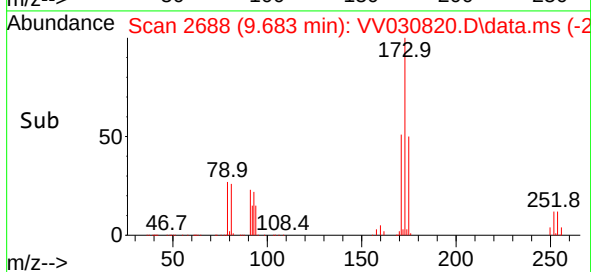
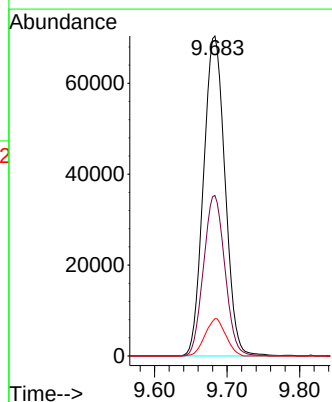
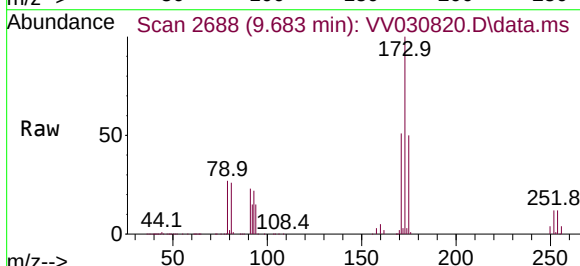
Manual Integrations
APPROVED

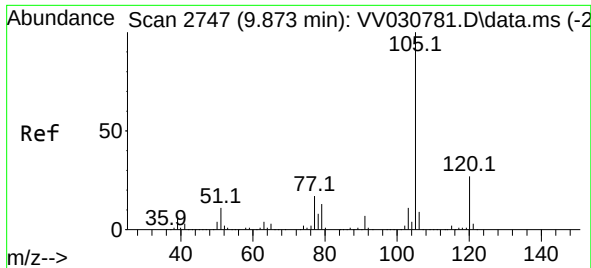
Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#59
Bromoform
Concen: 67.898 ug/L
RT: 9.683 min Scan# 2688
Delta R.T. 0.013 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

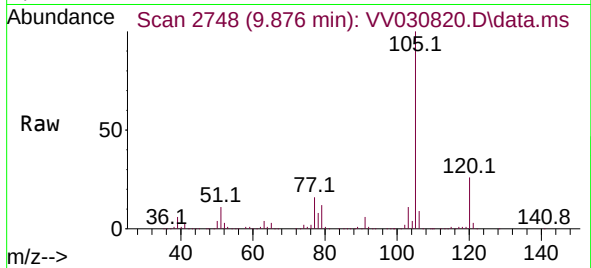
Tgt Ion:173 Resp: 145057
Ion Ratio Lower Upper
173 100
175 49.7 38.8 58.2
254 11.2 8.2 12.4





#60
Isopropylbenzene
Concen: 74.923 ug/L
RT: 9.876 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

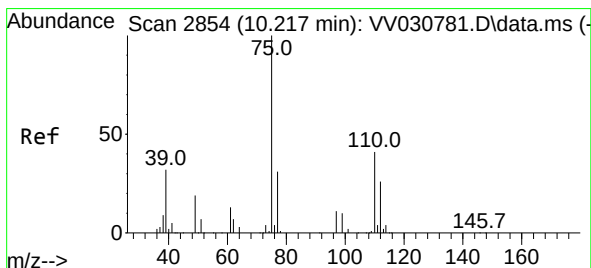
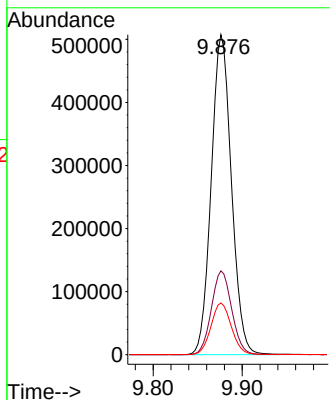
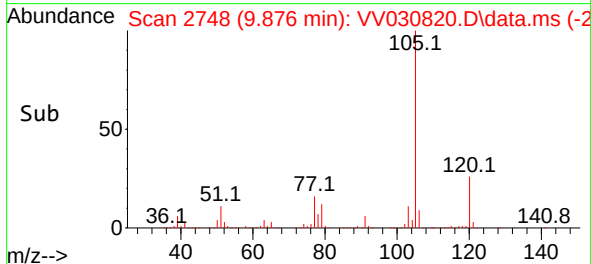
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS



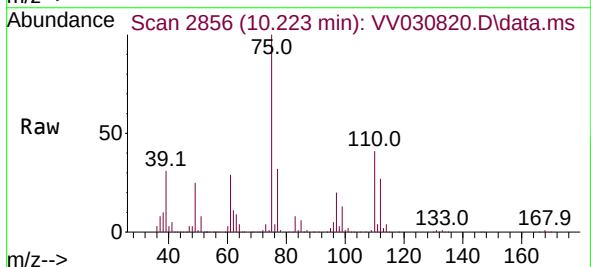
Tgt Ion:105 Resp: 797332
Ion Ratio Lower Upper
105 100
120 26.4 20.9 31.3
77 16.3 13.0 19.6

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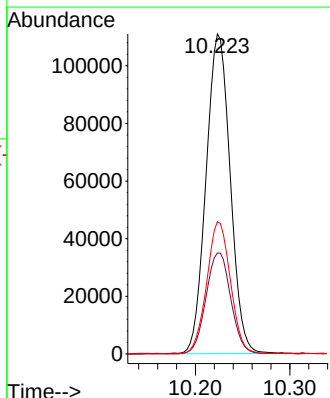
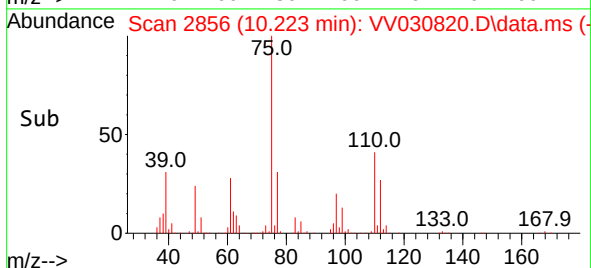
Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

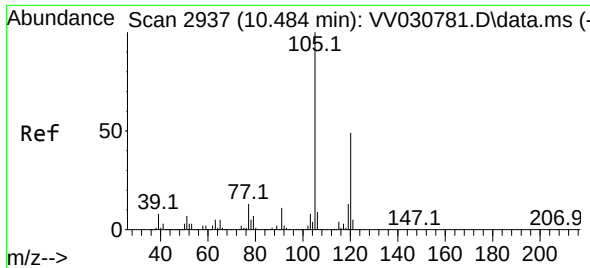


#61
1,2,3-Trichloropropane
Concen: 64.419 ug/L
RT: 10.223 min Scan# 2856
Delta R.T. 0.006 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42



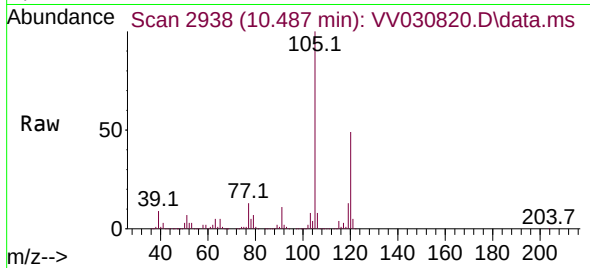
Tgt Ion: 75 Resp: 196881
Ion Ratio Lower Upper
75 100
77 32.0 25.7 38.5
110 40.7 32.8 49.2





#62
1,3,5-Trimethylbenzene
Concen: 77.005 ug/L
RT: 10.487 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

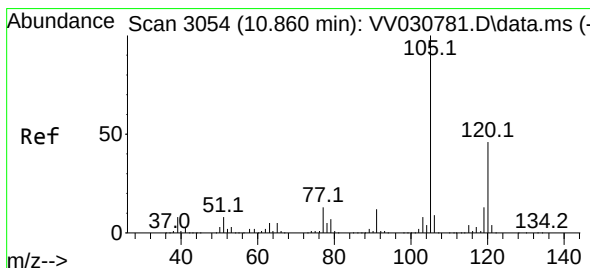
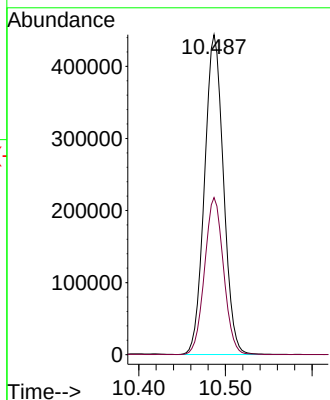
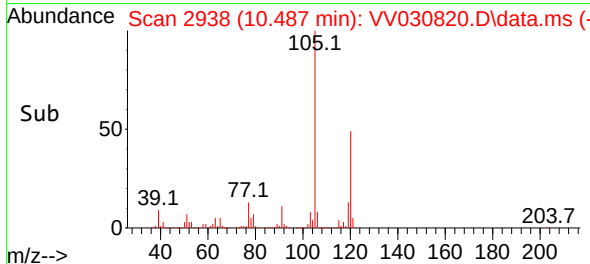
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS



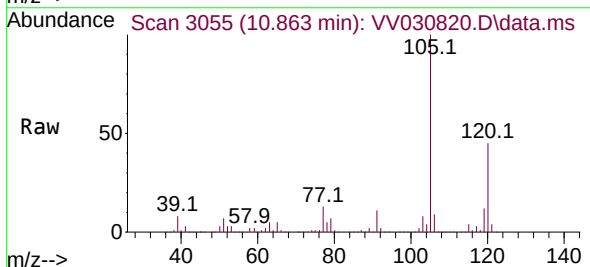
Tgt Ion:105 Resp: 67471
Ion Ratio Lower Upper
105 100
120 49.2 39.2 58.8

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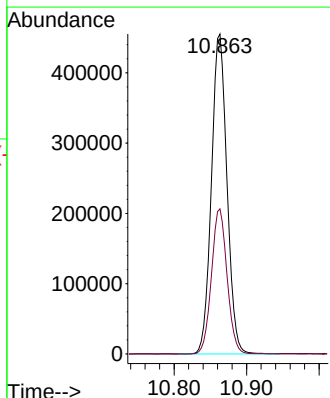
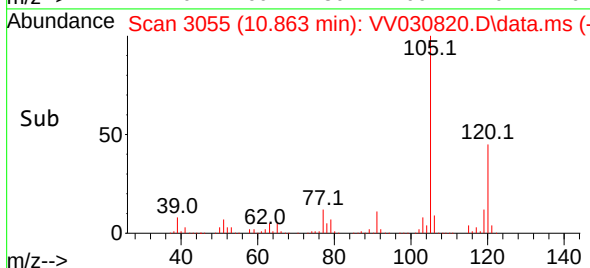
Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

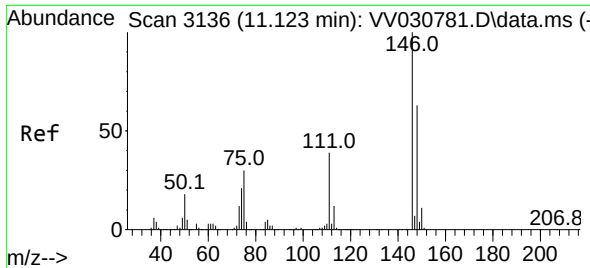


#63
1,2,4-Trimethylbenzene
Concen: 77.381 ug/L
RT: 10.863 min Scan# 3055
Delta R.T. 0.003 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42



Tgt Ion:105 Resp: 676968
Ion Ratio Lower Upper
105 100
120 45.5 36.2 54.4





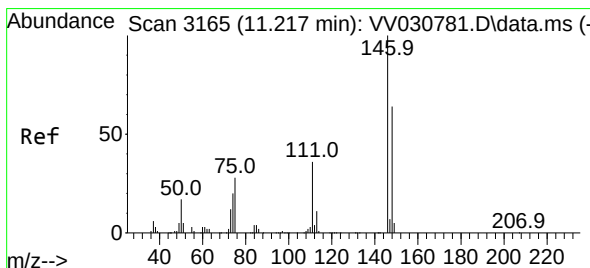
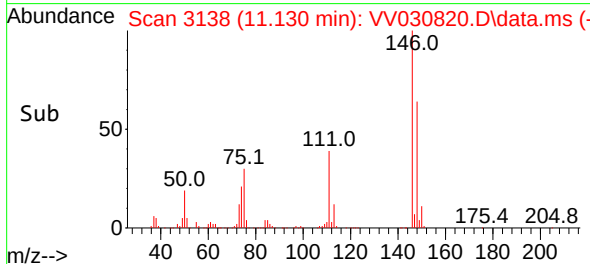
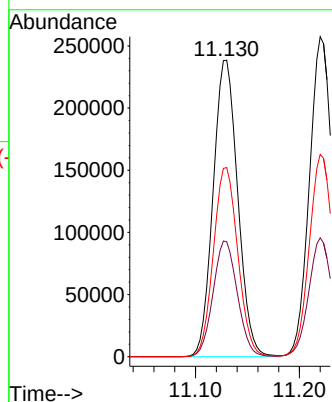
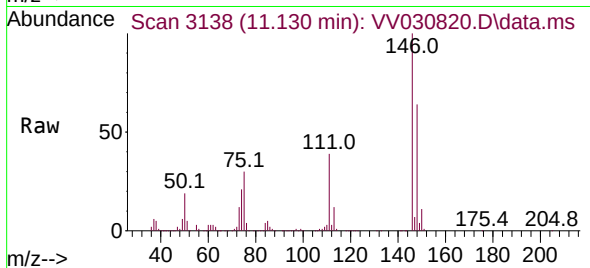
#64
1,3-Dichlorobenzene
Concen: 73.770 ug/L
RT: 11.130 min Scan# 3136
Delta R.T. 0.006 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS

Tgt Ion:146 Resp: 39304
Ion Ratio Lower Upper
146 100
111 38.7 27.0 50.2
148 63.8 44.8 83.2

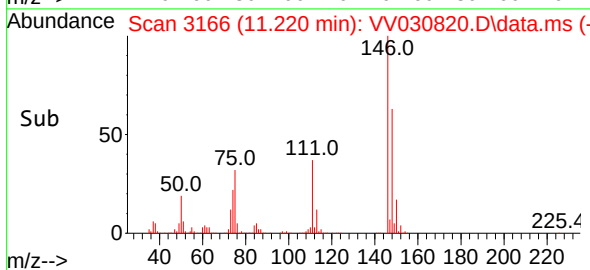
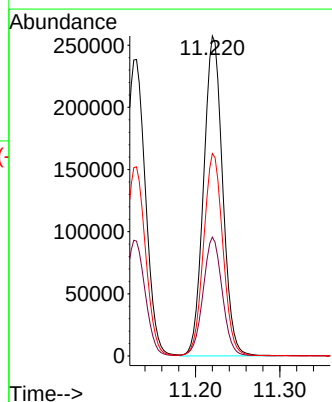
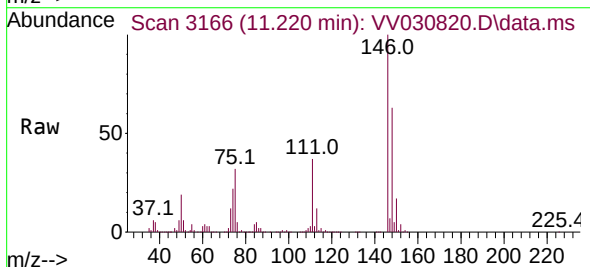
Manual Integrations
APPROVED

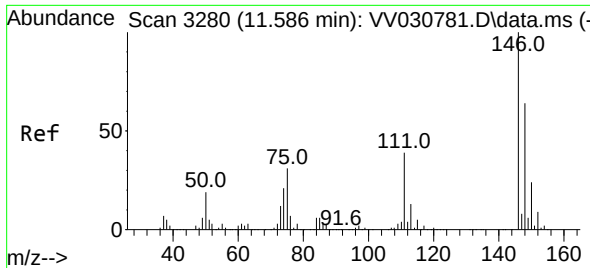
Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#65
1,4-Dichlorobenzene
Concen: 72.033 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

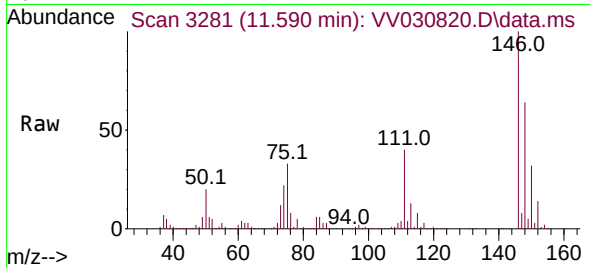
Tgt Ion:146 Resp: 404704
Ion Ratio Lower Upper
146 100
111 37.2 26.5 49.1
148 63.3 44.7 83.1





#67
1,2-Dichlorobenzene
Concen: 72.386 ug/L
RT: 11.590 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

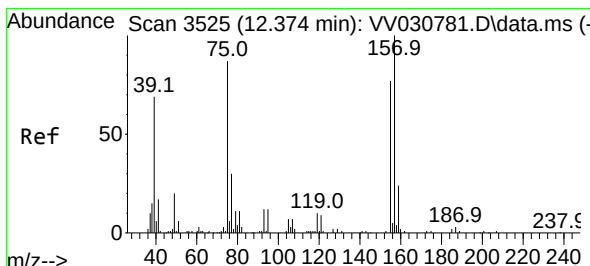
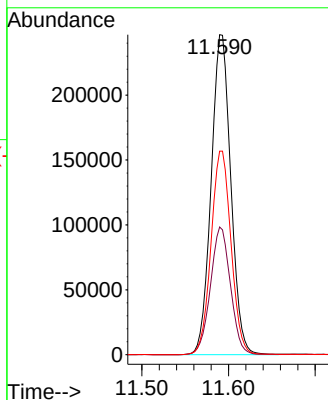
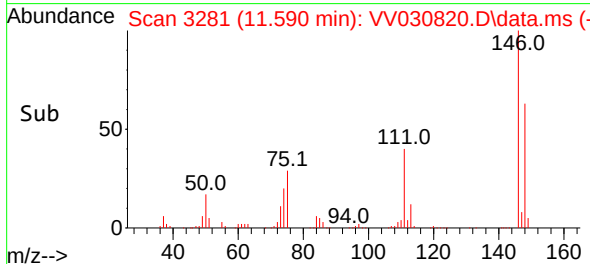
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS



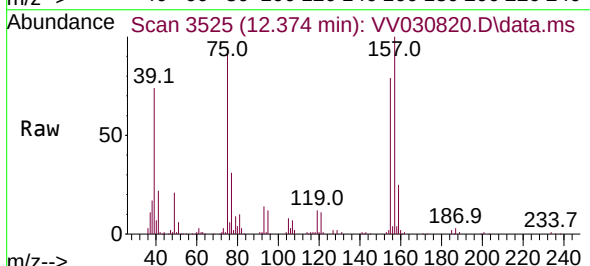
Tgt Ion:146 Resp: 389078
Ion Ratio Lower Upper
146 100
111 39.9 32.0 48.0
148 63.6 50.6 76.0

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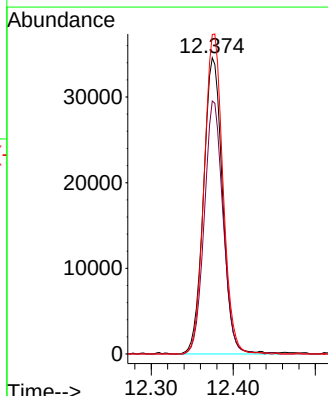
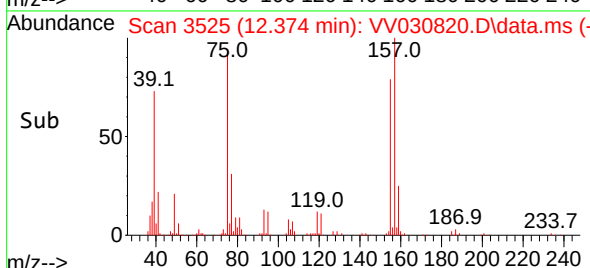
Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

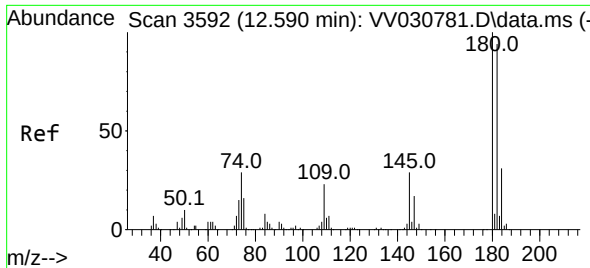


#68
1,2-Dibromo-3-chloropropane
Concen: 61.785 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. 0.003 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42



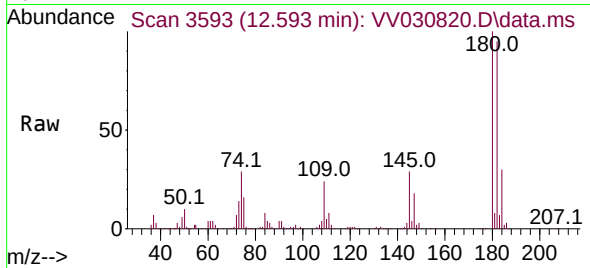
Tgt Ion: 75 Resp: 55945
Ion Ratio Lower Upper
75 100
155 85.4 65.0 97.6
157 107.8 84.4 126.6





#69
 1,3,5-Trichlorobenzene
 Concen: 74.981 ug/L
 RT: 12.593 min Scan# 3593
 Delta R.T. 0.003 min
 Lab File: VV030820.D
 Acq: 25 Apr 2023 02:42

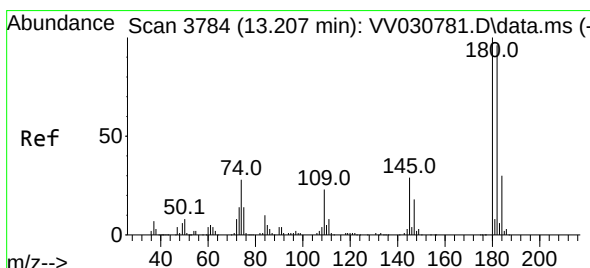
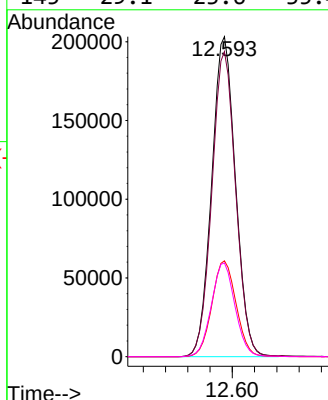
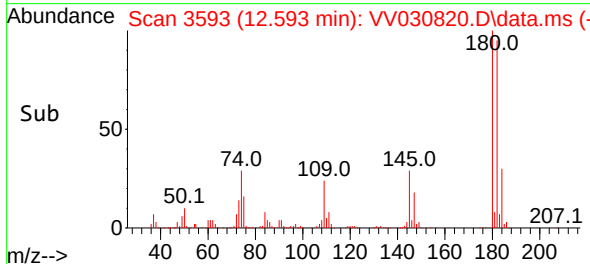
Instrument :
 MSVOA_V
 ClientSampleId :
 EW8Z5MS



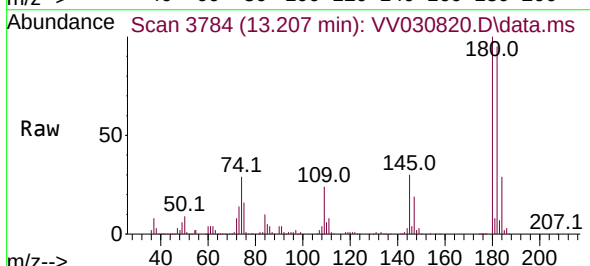
Tgt Ion:180 Resp: 301785
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.4 114.6
 184 30.4 24.1 36.1
 145 29.1 23.6 35.4

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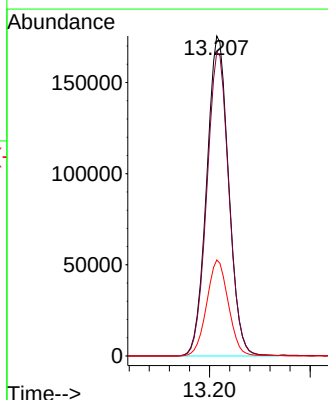
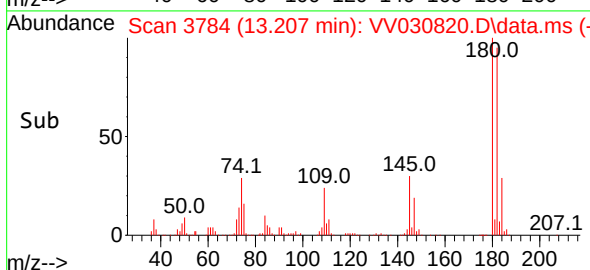
Reviewed By :Krupa Patel 04/26/2023
 Supervised By :Mahesh Dadoda 04/26/2023

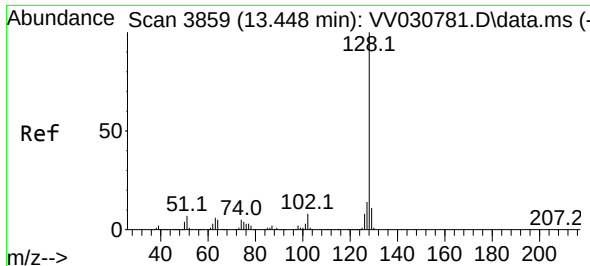


#70
 1,2,4-trichlorobenzene
 Concen: 77.886 ug/L
 RT: 13.207 min Scan# 3784
 Delta R.T. -0.000 min
 Lab File: VV030820.D
 Acq: 25 Apr 2023 02:42



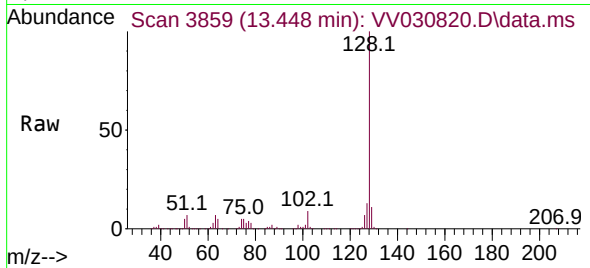
Tgt Ion:180 Resp: 266159
 Ion Ratio Lower Upper
 180 100
 182 95.4 75.9 113.9
 145 29.7 23.4 35.2





#71
Naphthalene
Concen: 74.235 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. -0.000 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

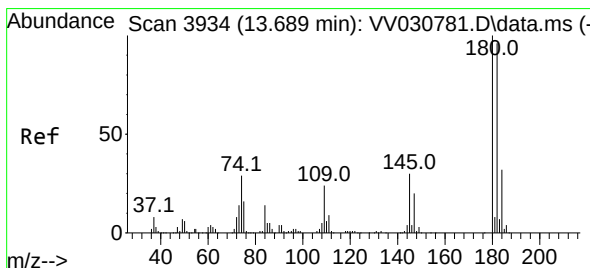
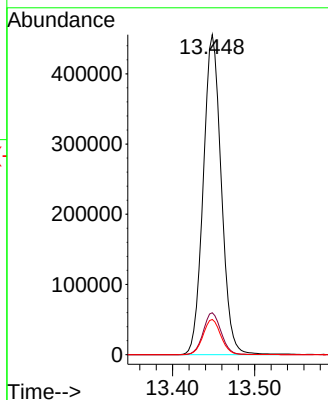
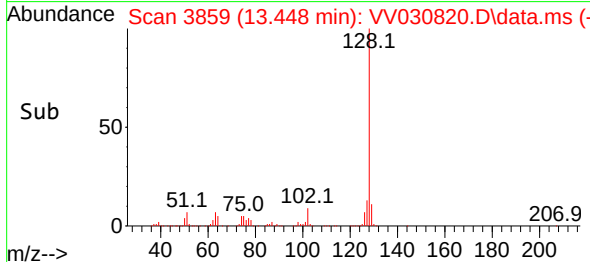
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS



Tgt Ion:128 Resp: 693944
Ion Ratio Lower Upper
128 100
127 13.0 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: 76.653 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. -0.000 min
Lab File: VV030820.D
Acq: 25 Apr 2023 02:42

Tgt Ion:180 Resp: 259744
Ion Ratio Lower Upper
180 100
182 96.1 76.2 114.4
145 31.7 25.1 37.7

