

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111022\
 Data File : VL039885.D
 Acq On : 11 Nov 2022 11:06
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022

Quant Time: Nov 11 11:50:02 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Nov 03 09:27:12 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.205	49	960964	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.664	114	2049681	10.000	ppbv	# 0.02
55) Chlorobenzene-d5	11.471	117	1957809	10.000	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.780 95 1700836 11.607 ppbv 0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 116.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.754	85	1596094	9.838	ppbv	99
3) Chlorodifluoromethane	2.700	51	1196220	10.442	ppbv	94
4) Chloromethane	2.838	50	683584	9.583	ppbv	98
5) Vinyl Chloride	2.944	62	561235	9.718	ppbv	100
6) Bromomethane	3.140	94	197309	9.578	ppbv	92
7) Chloroethane	3.221	64	184886	8.543	ppbv	95
8) Dichlorotetrafluoroethane	2.880	85	1388716	10.044	ppbv	91
9) Propene	2.719	41	484798	8.122	ppbv	100
10) Heptane	7.590	43	1212913	8.482	ppbv	99
11) Trichlorofluoromethane	3.584	101	1493416	11.287	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.086	101	1007133	10.539	ppbv	97
13) Ethanol	3.266	45	28990m	6.872	ppbv	
14) Bromoethene	3.388	108	420953	9.838	ppbv	97
15) Acetone	3.488	43	1013674	8.666	ppbv	96
16) 1,3-Butadiene	3.008	39	520529	9.569	ppbv	95
17) tert-Butyl alcohol	3.896	59	879356	7.894	ppbv	98
18) 1,1-Dichloroethene	3.899	96	435570	9.941	ppbv	96
19) Isopropyl Alcohol	3.597	45	476986	8.239	ppbv #	35
20) Methylene Chloride	3.951	84	402158	9.611	ppbv	92
21) Allyl Chloride	4.018	41	631690	8.538	ppbv	96
22) trans-1,2-Dichloroethene	4.462	96	456680	10.269	ppbv	99
23) Vinyl Acetate	4.642	43	353795	7.592	ppbv	97
24) 1,1-Dichloroethane	4.581	63	932835	9.800	ppbv	99
25) Ethyl Acetate	5.221	43	2190967	9.094	ppbv	99
26) Hexane	5.227	57	899261	8.371	ppbv	95
27) Carbon Disulfide	4.140	76	1082948	9.600	ppbv	96
28) Methyl tert-Butyl Ether	4.603	73	869892	8.946	ppbv	96
29) Chloroform	5.288	83	1511825	10.009	ppbv	97
30) Cyclohexane	6.613	84	696635	7.755	ppbv	92
31) cis-1,2-Dichloroethene	5.092	61	979040	9.995	ppbv	90
32) 1,1,1-Trichloroethane	6.015	97	1476687	9.820	ppbv	95
34) 2-Butanone	4.803	43	1005527	11.892	ppbv	98
35) Carbon Tetrachloride	6.504	117	1506179	12.607	ppbv	98
36) Benzene	6.381	78	1774230	10.262	ppbv #	94
37) 1,2-Dichloroethane	5.819	62	1305108	15.733	ppbv #	94
38) Trichloroethene	7.298	130	958495	10.357	ppbv	91
39) 1,2-Dichloropropane	7.085	63	747138	11.091	ppbv	91
40) 1,4-Dioxane	7.294	88	257823	9.995	ppbv #	63
41) Tetrahydrofuran	5.571	42	749228	10.602	ppbv	99
42) Bromodichloromethane	7.256	83	1724227	13.013	ppbv	98
43) Methyl Methacrylate	7.484	69	759760	11.119	ppbv	89
44) 2,2,4-Trimethylpentane	7.336	57	3184283	10.911	ppbv	96
45) t-1,3-Dichloropropene	8.716	75	740435	11.312	ppbv	98

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M

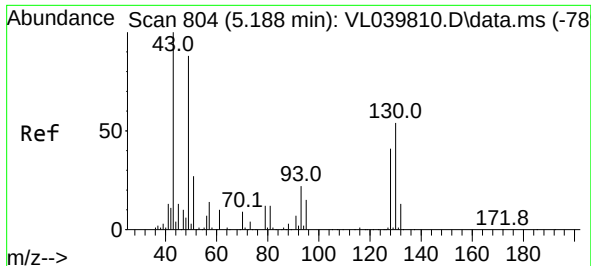
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Nov 03 09:27:12 2022

Response via : Initial Calibration

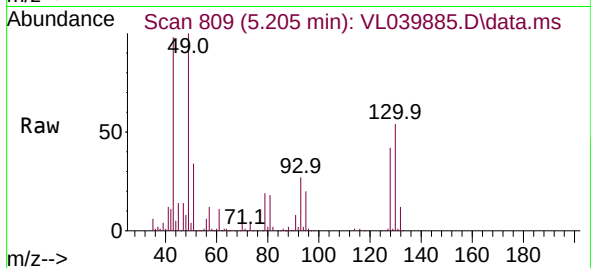
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	994524	11.131	ppbv	93
47) 1,1,2-Trichloroethane	8.905	97	733901	10.759	ppbv	95
48) Dibromochloromethane	9.712	129	1310765	11.277	ppbv	100
49) Bromoform	12.410	173	1031029	11.036	ppbv	99
50) 4-Methyl-2-Pentanone	8.192	43	2076938	11.997	ppbv	97
51) 2-Hexanone	9.561	43	1677786	12.430	ppbv #	94
52) Tetrachloroethene	10.622	164	589198	9.096	ppbv	90
53) Toluene	9.227	91	2010895	10.138	ppbv	98
54) 1,2-Dibromoethane	10.015	107	878897	11.609	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.513	131	868068	10.371	ppbv	99
57) Chlorobenzene	11.529	112	1492409	10.050	ppbv	91
58) Ethyl Benzene	12.095	91	2814258	10.631	ppbv	93
59) m/p-Xylene	12.381	91	4810082m	21.768	ppbv	
60) o-Xylene	13.066	91	2337183	11.164	ppbv	94
61) Styrene	12.902	104	1297717	10.074	ppbv #	92
62) Isopropylbenzene	14.034	105	3239540	10.608	ppbv	95
63) 1,1,2,2-Tetrachloroethane	13.050	83	837388	10.741	ppbv	99
64) n-propylbenzene	14.924	120	810216	9.918	ppbv	73
65) tert-Butylbenzene	16.098	119	2817200	10.506	ppbv	88
66) Benzyl Chloride	16.336	91	155822m	4.998	ppbv	
67) sec-Butylbenzene	16.645	105	4037763	11.062	ppbv	96
69) p-Isopropyltoluene	17.005	119	3225665	10.654	ppbv	94
70) n-Butylbenzene	17.892	91	3629442	12.400	ppbv	96
71) 2-Chlorotoluene	14.805	91	2602570	11.342	ppbv	93
72) 4-Ethyltoluene	15.198	105	2634296	11.175	ppbv	94
73) 1,3,5-Trimethylbenzene	15.358	105	2363458	11.310	ppbv	88
74) 1,2,4-Trimethylbenzene	16.114	105	2540060	11.440	ppbv	96
75) 1,3-Dichlorobenzene	16.336	146	1394854	10.759	ppbv	98
76) 1,4-Dichlorobenzene	16.474	146	1358400	10.678	ppbv	97
77) 1,2-Dichlorobenzene	17.149	146	1337338	10.943	ppbv	97
78) Hexachloro-1,3-Butadiene	22.641	225	830795	9.175	ppbv	99
79) Naphthalene	21.387	128	1720112	10.656	ppbv	99
80) Naphthalene,2-methyl-	24.384	142	568047	8.300	ppbv #	93
81) 1,2,4-Trichlorobenzene	21.149	180	930637	10.306	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 804
Delta R.T. 0.017 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

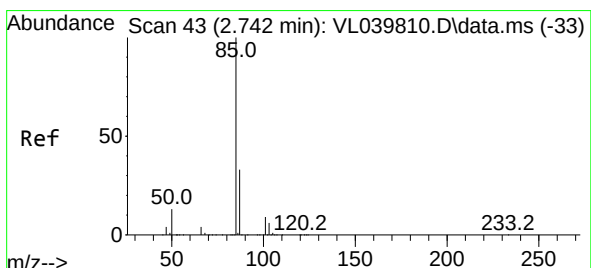
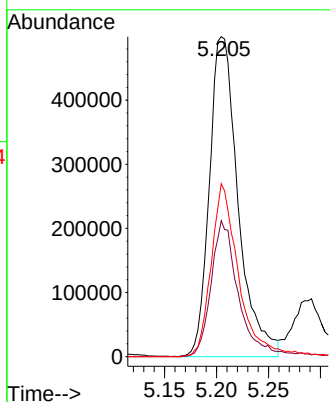
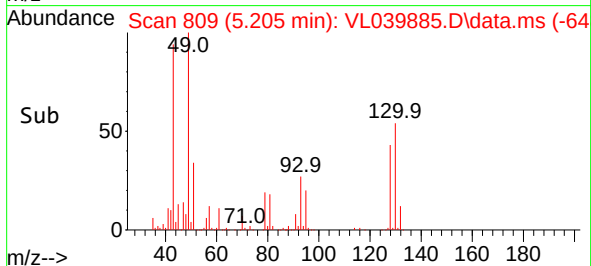
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 49 Resp: 960964
Ion Ratio Lower Upper
49 100
128 41.3 24.6 73.6
130 52.9 31.1 93.2

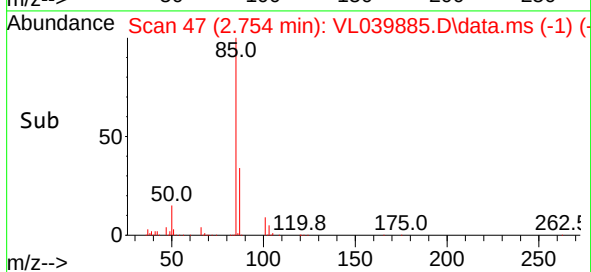
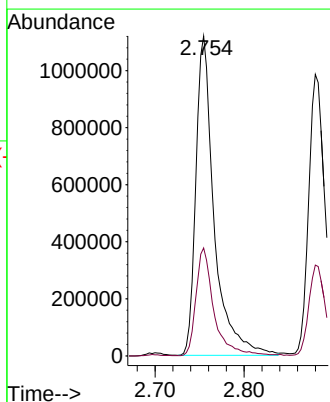
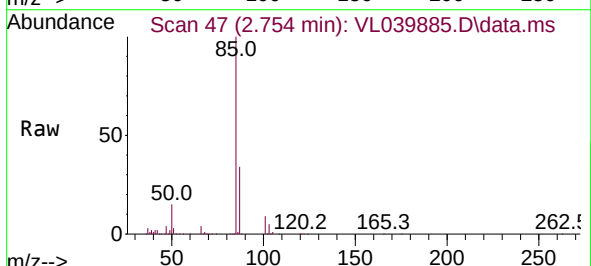
Manual Integrations
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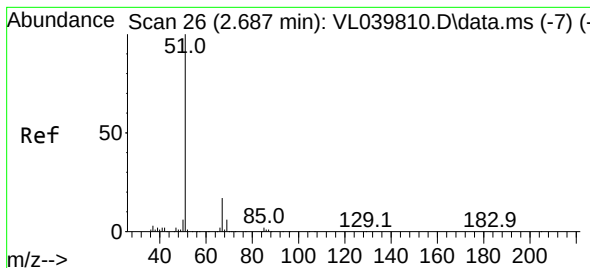
Reviewed By :Krupa Patel 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#2
Dichlorodifluoromethane
Concen: 9.838 ppbv
RT: 2.754 min Scan# 47
Delta R.T. 0.013 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

Tgt Ion: 85 Resp: 1596094
Ion Ratio Lower Upper
85 100
87 33.7 26.4 39.6





#3

Chlorodifluoromethane

Concen: 10.442 ppbv

RT: 2.700 min Scan# 30

Delta R.T. 0.013 min

Lab File: VL039885.D

Acq: 11 Nov 2022 11:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 51 Resp: 1196220

Ion Ratio Lower Upper

51 100

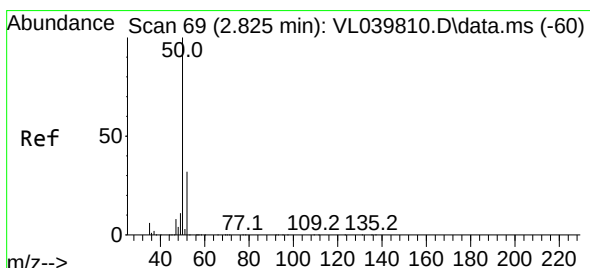
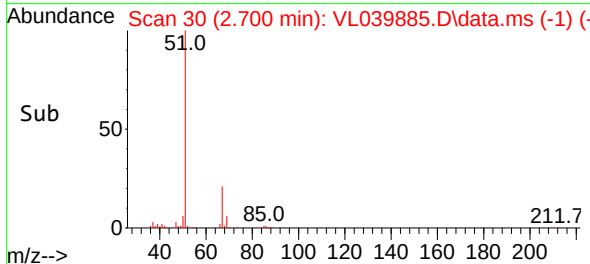
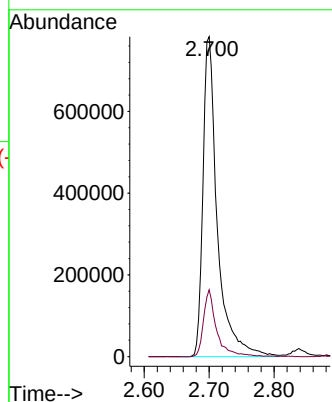
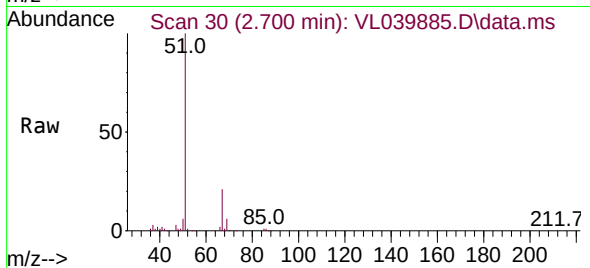
67 19.1 13.2 19.8

Manual Integrations

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Reviewed By :Krupa Patel 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#4

Chloromethane

Concen: 9.583 ppbv

RT: 2.838 min Scan# 73

Delta R.T. 0.013 min

Lab File: VL039885.D

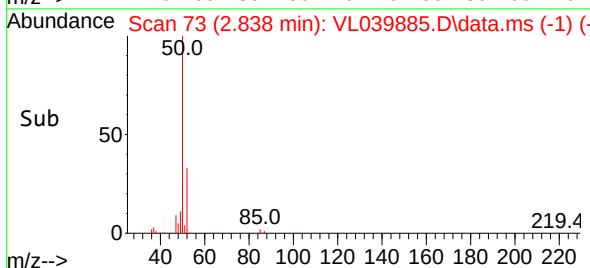
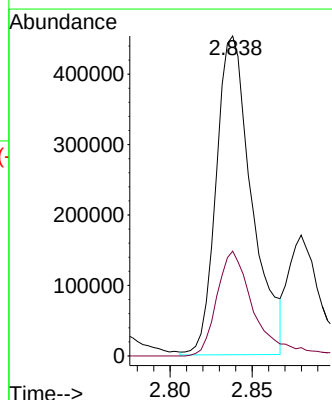
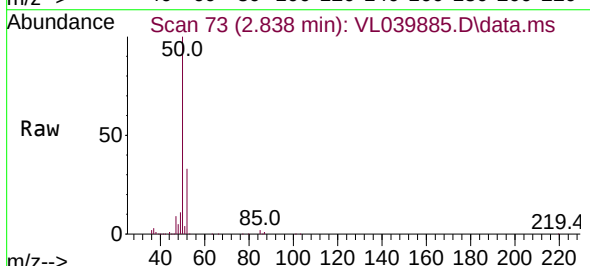
Acq: 11 Nov 2022 11:06

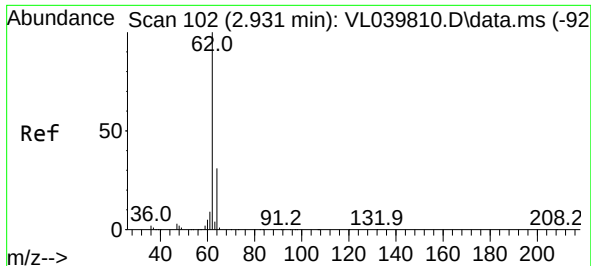
Tgt Ion: 50 Resp: 683584

Ion Ratio Lower Upper

50 100

52 33.1 25.5 38.3





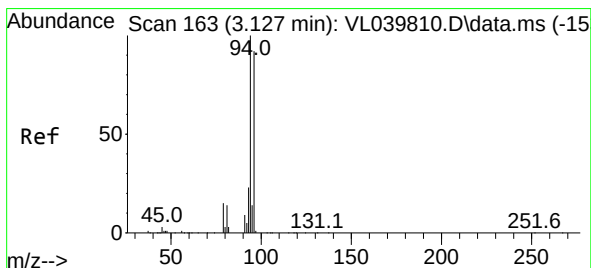
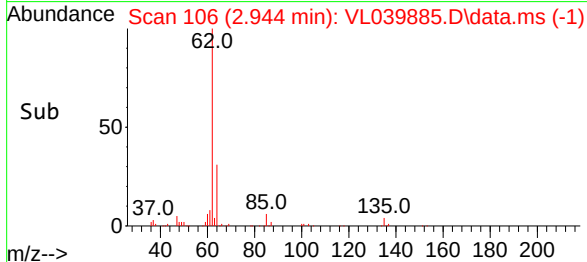
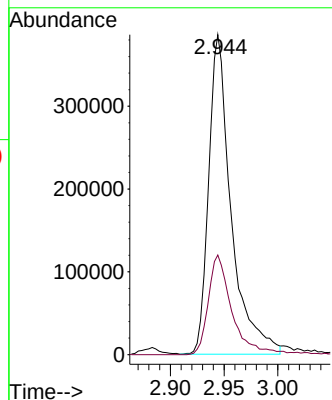
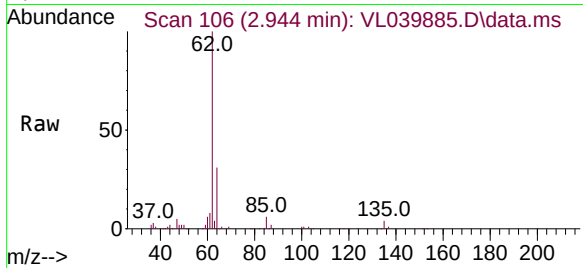
#5
 Vinyl Chloride
 Concen: 9.718 ppbv
 RT: 2.944 min Scan# 106
 Delta R.T. 0.013 min
 Lab File: VL039885.D
 Acq: 11 Nov 2022 11:06

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 62 Resp: 561235
 Ion Ratio Lower Upper
 62 100
 64 31.2 25.0 37.4

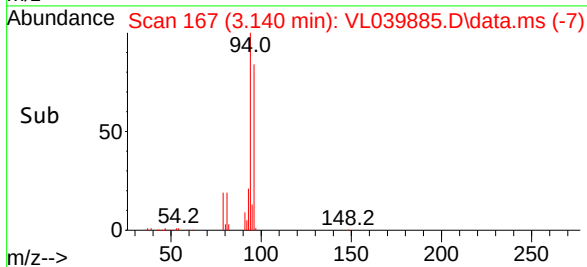
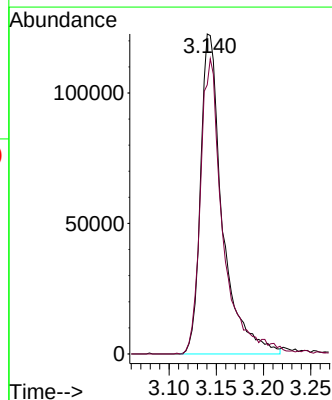
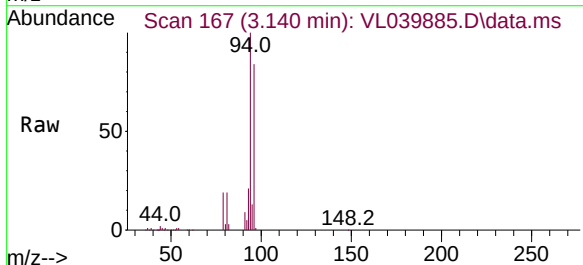
Manual Integrations
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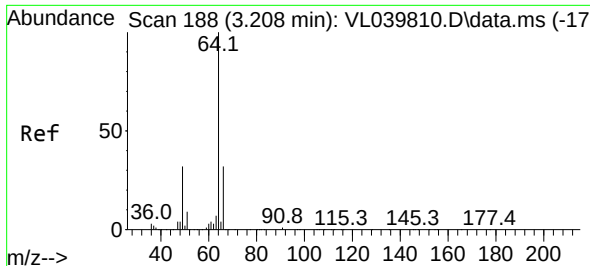
Reviewed By :Krupa Patel 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022



#6
 Bromomethane
 Concen: 9.578 ppbv
 RT: 3.140 min Scan# 167
 Delta R.T. 0.013 min
 Lab File: VL039885.D
 Acq: 11 Nov 2022 11:06

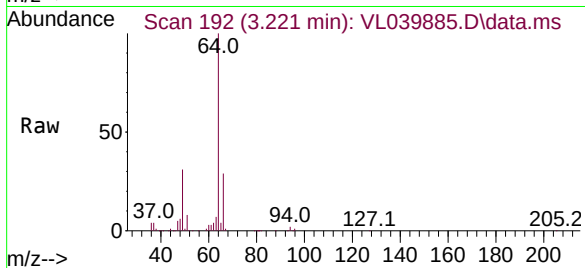
Tgt Ion: 94 Resp: 197309
 Ion Ratio Lower Upper
 94 100
 96 84.1 73.5 110.3





#7
Chloroethane
Concen: 8.543 ppbv
RT: 3.221 min Scan# 19
Delta R.T. 0.013 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

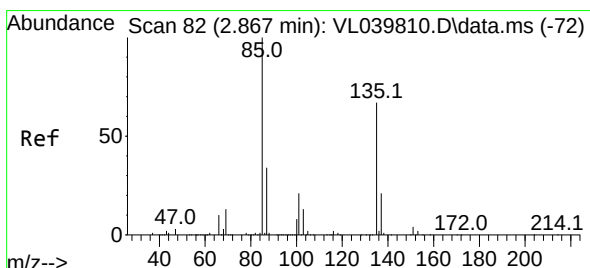
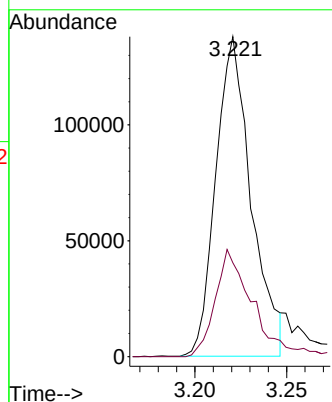
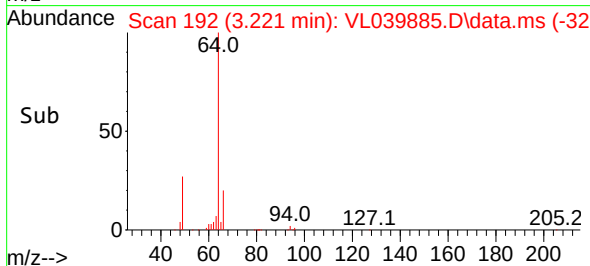
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 184886
Ion Ratio Lower Upper
64 100
66 29.3 25.5 38.3

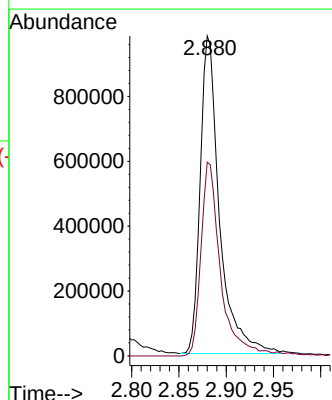
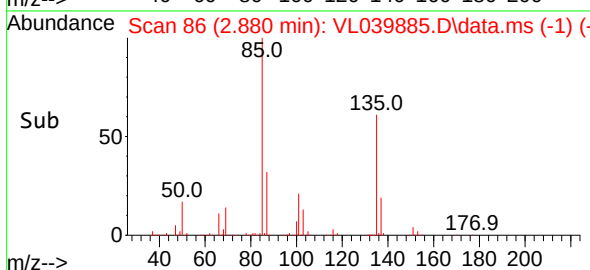
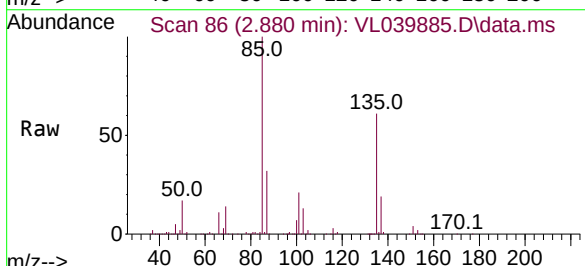
Manual Integrations
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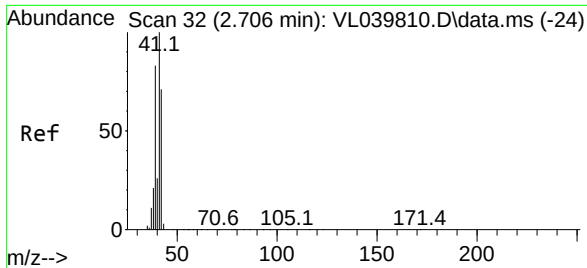
Reviewed By :Krupa Patel 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#8
Dichlorotetrafluoroethane
Concen: 10.044 ppbv
RT: 2.880 min Scan# 86
Delta R.T. 0.013 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

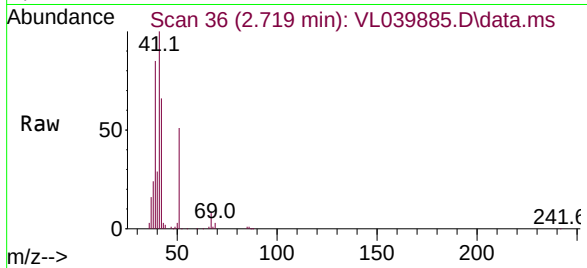
Tgt Ion: 85 Resp: 1388716
Ion Ratio Lower Upper
85 100
135 63.2 56.7 85.1





#9
 Propene
 Concen: 8.122 ppbv
 RT: 2.719 min Scan# 30
 Delta R.T. 0.013 min
 Lab File: VL039885.D
 Acq: 11 Nov 2022 11:06

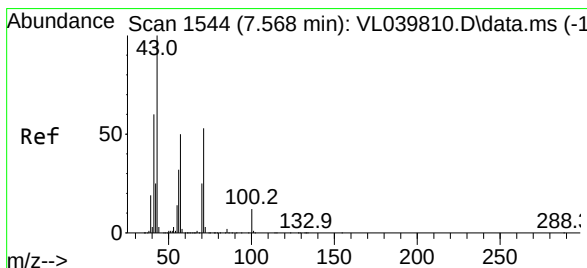
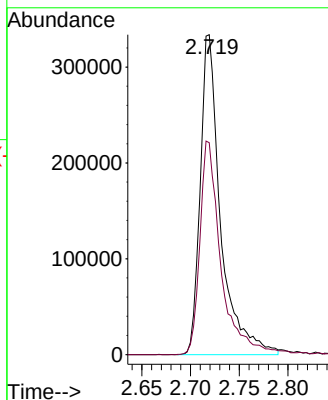
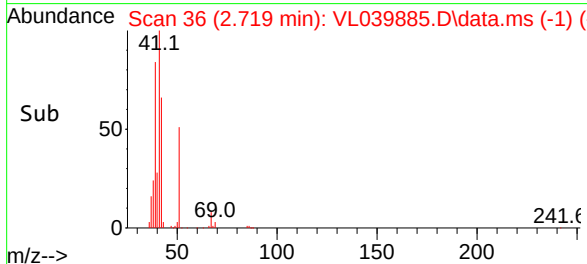
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



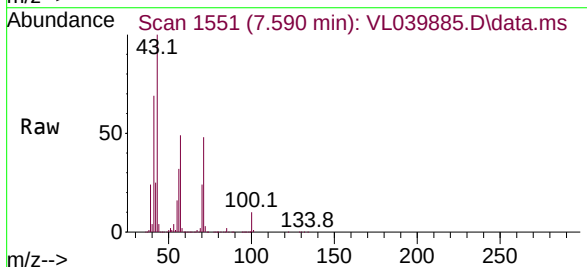
Tgt Ion: 41 Resp: 484798
 Ion Ratio Lower Upper
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 42 70.1 56.3 84.5

Manual Integrations
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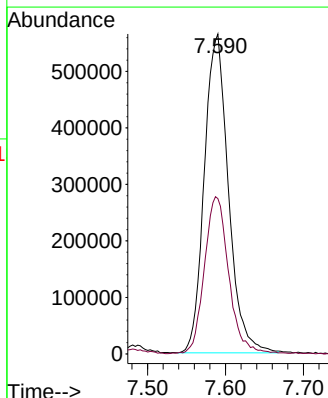
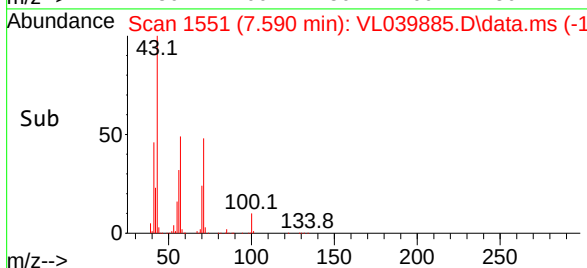
Reviewed By :Krupa Patel 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022

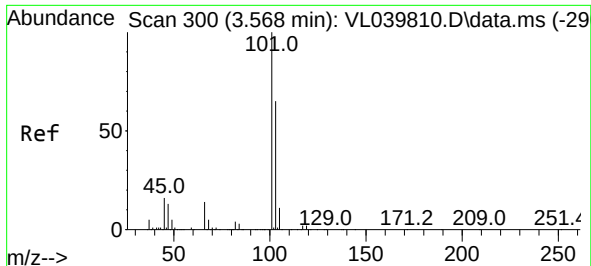


#10
 Heptane
 Concen: 8.482 ppbv
 RT: 7.590 min Scan# 1551
 Delta R.T. 0.023 min
 Lab File: VL039885.D
 Acq: 11 Nov 2022 11:06



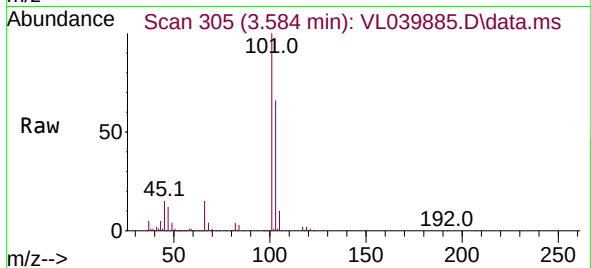
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 Ion Ratio Lower Upper
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 57 50.0 40.5 60.7





#11
 Trichlorofluoromethane
 Concen: 11.287 ppbv
 RT: 3.584 min Scan# 300
 Delta R.T. 0.016 min
 Lab File: VL039885.D
 Acq: 11 Nov 2022 11:06

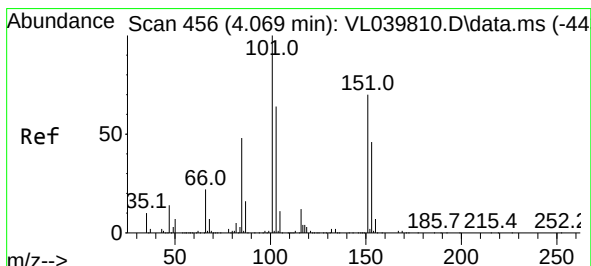
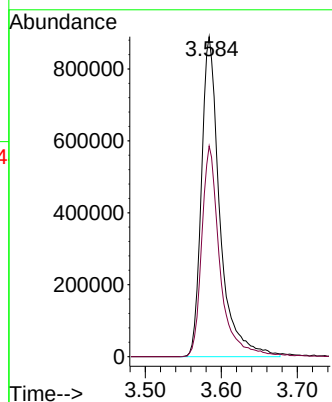
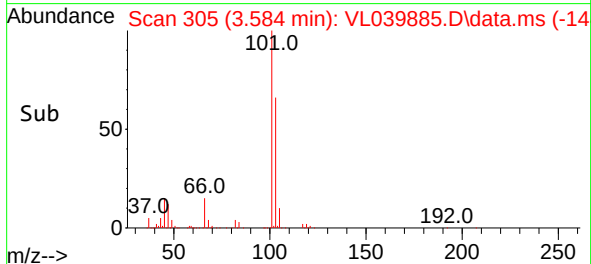
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



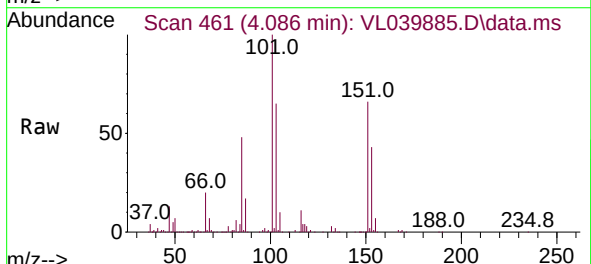
Tgt Ion:101 Resp: 1493416
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.2 78.2

Manual Integrations
 APPROVED

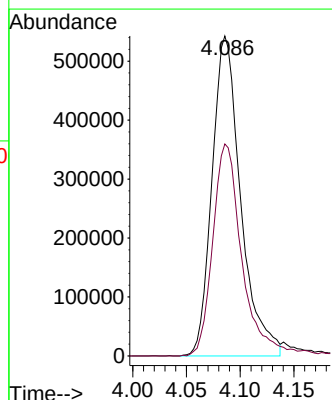
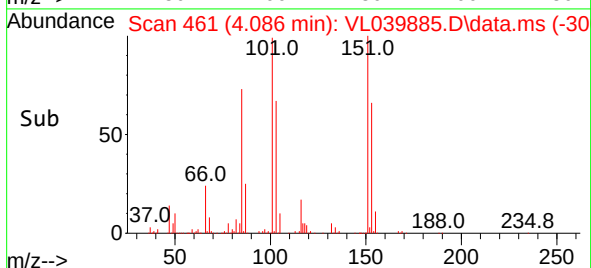
Reviewed By :Krupa Patel 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022

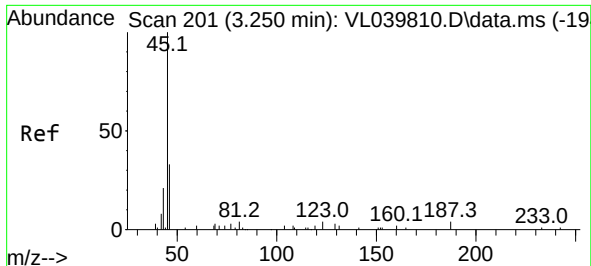


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.539 ppbv
 RT: 4.086 min Scan# 461
 Delta R.T. 0.016 min
 Lab File: VL039885.D
 Acq: 11 Nov 2022 11:06



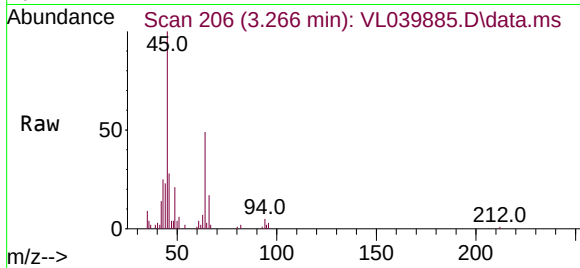
Tgt Ion:101 Resp: 1007133
 Ion Ratio Lower Upper
 101 100
 151 68.8 57.2 85.8





#13
Ethanol
Concen: 6.872 ppbv m
RT: 3.266 min Scan# 201
Delta R.T. 0.016 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

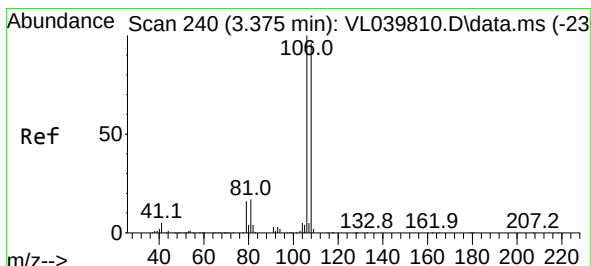
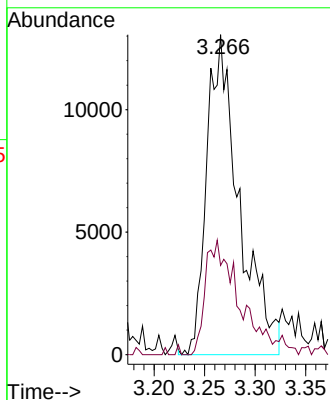
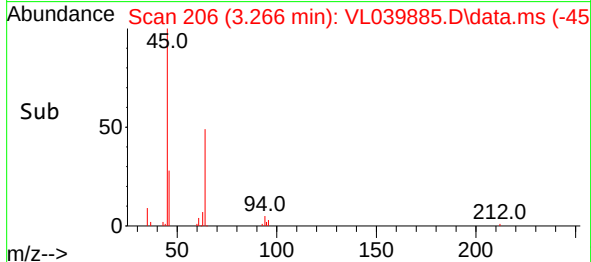
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



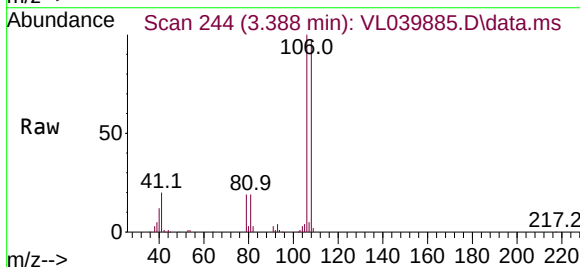
Tgt Ion: 45 Resp: 28990
Ion Ratio Lower Upper
45 100
46 0.0 16.5 65.9

Manual Integrations
APPROVED

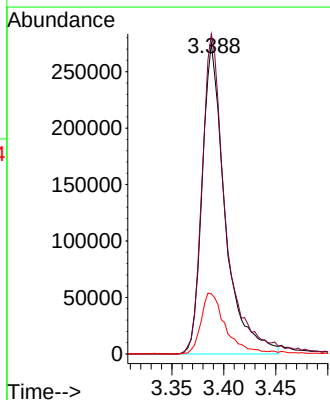
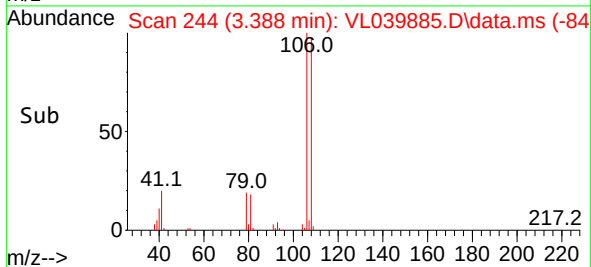
Reviewed By :Krupa Patel 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

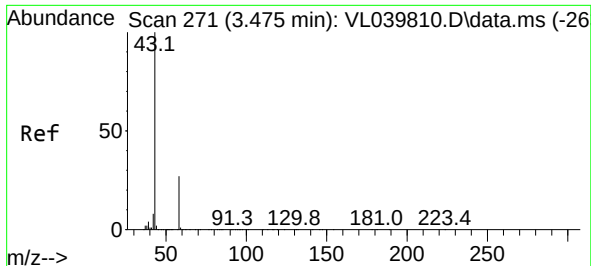


#14
Bromoethene
Concen: 9.838 ppbv
RT: 3.388 min Scan# 244
Delta R.T. 0.013 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06



Tgt Ion:108 Resp: 420953
Ion Ratio Lower Upper
108 100
106 107.6 87.8 131.8
79 21.5 14.5 21.7





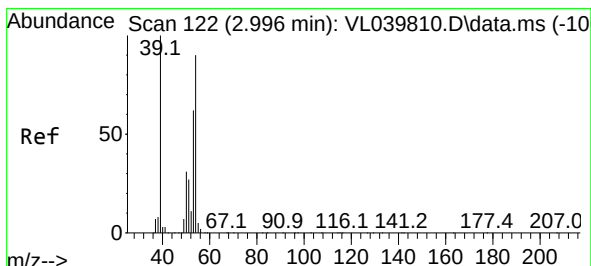
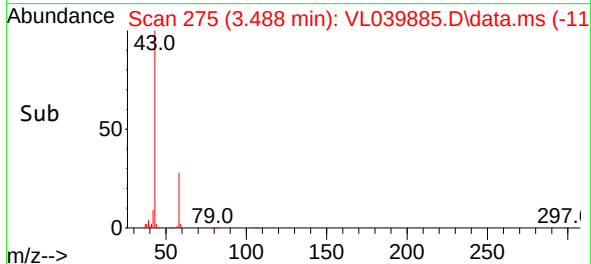
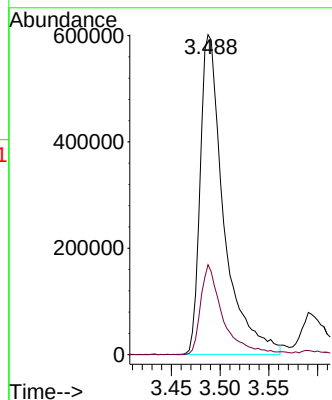
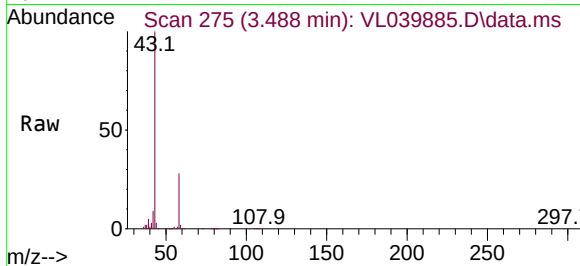
#15
Acetone
Concen: 8.666 ppbv
RT: 3.488 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 1013674
Ion Ratio Lower Upper
43 100
58 27.0 23.2 34.8

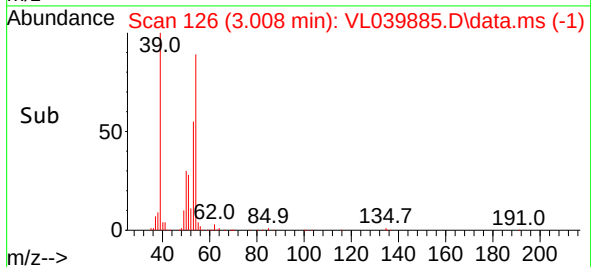
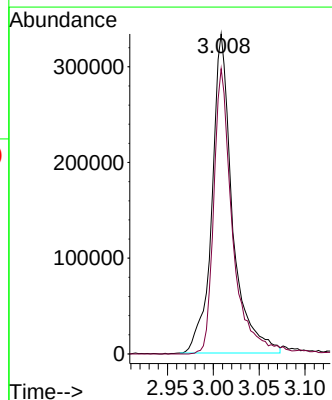
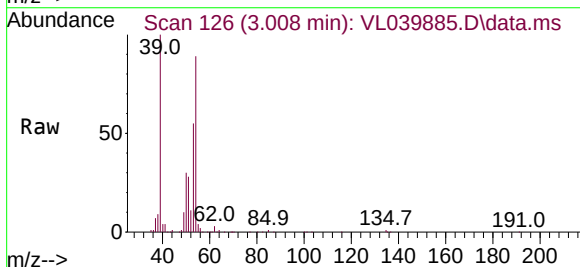
Manual Integrations
APPROVED

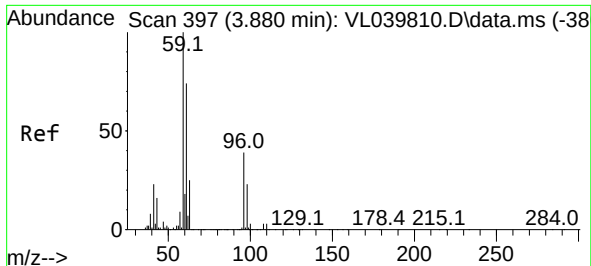
Reviewed By :Krupa Patel 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#16
1,3-Butadiene
Concen: 9.569 ppbv
RT: 3.008 min Scan# 126
Delta R.T. 0.013 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

Tgt Ion: 39 Resp: 520529
Ion Ratio Lower Upper
39 100
54 83.7 71.0 106.4





#17

tert-Butyl alcohol

Concen: 7.894 ppbv

RT: 3.896 min Scan# 40

Delta R.T. 0.016 min

Lab File: VL039885.D

Acq: 11 Nov 2022 11:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 59 Resp: 879356

Ion Ratio Lower Upper

59 100

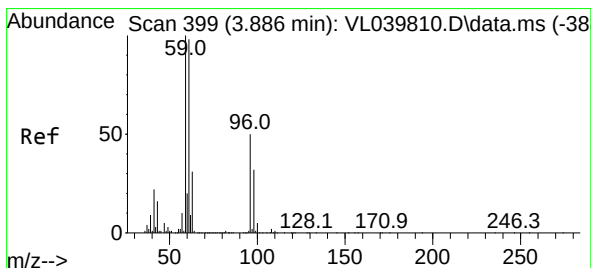
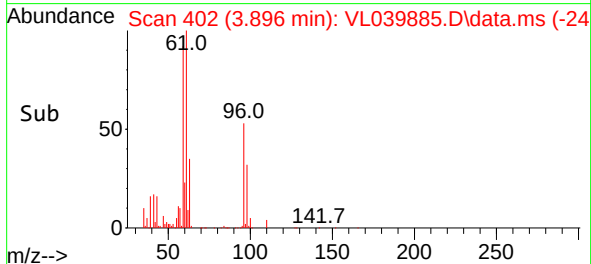
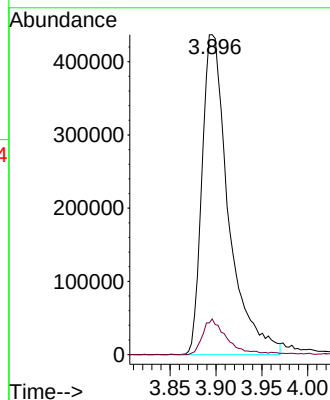
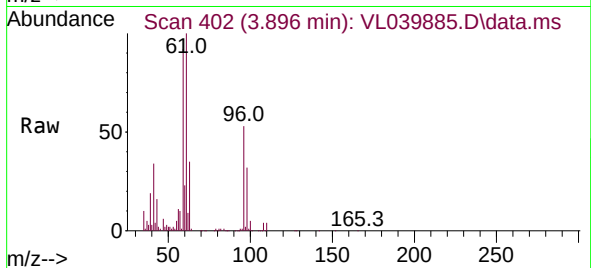
57 10.6 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#18

1,1-Dichloroethene

Concen: 9.941 ppbv

RT: 3.899 min Scan# 403

Delta R.T. 0.013 min

Lab File: VL039885.D

Acq: 11 Nov 2022 11:06

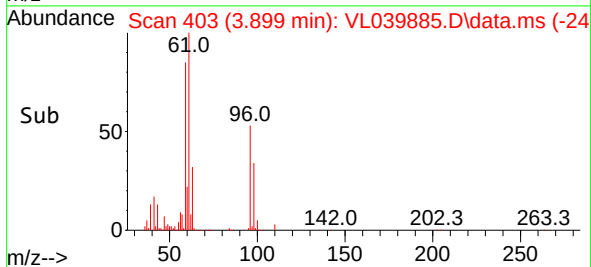
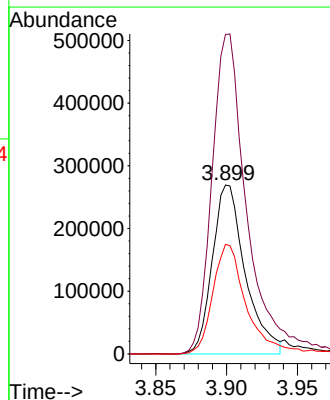
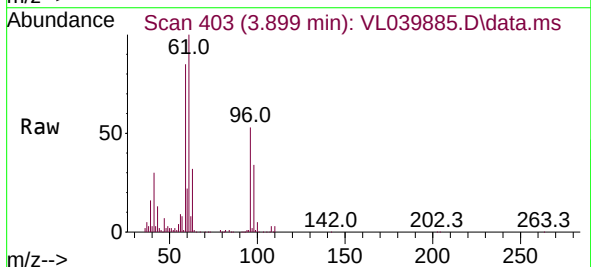
Tgt Ion: 96 Resp: 435570

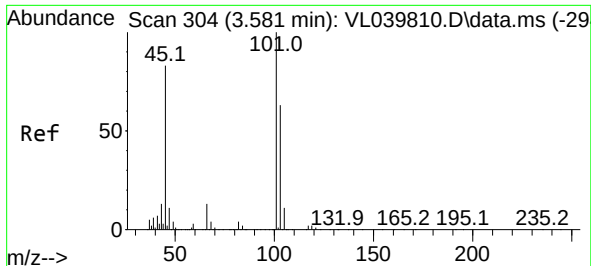
Ion Ratio Lower Upper

96 100

61 189.1 156.9 235.3

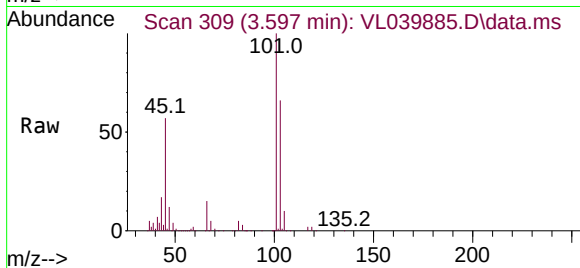
98 64.9 50.6 75.8





#19
Isopropyl Alcohol
Concen: 8.239 ppbv
RT: 3.597 min Scan# 304
Delta R.T. 0.016 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

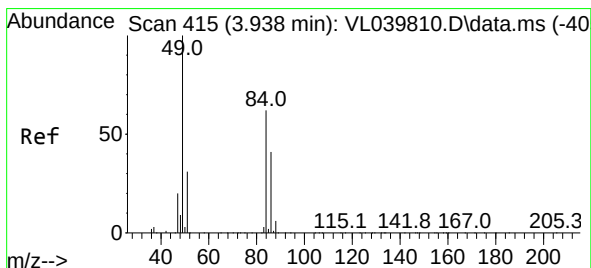
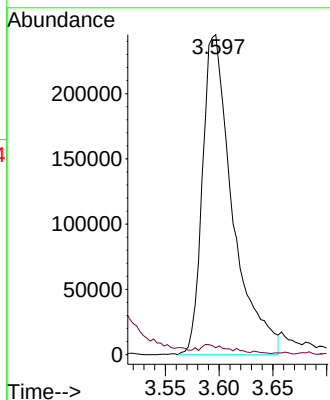
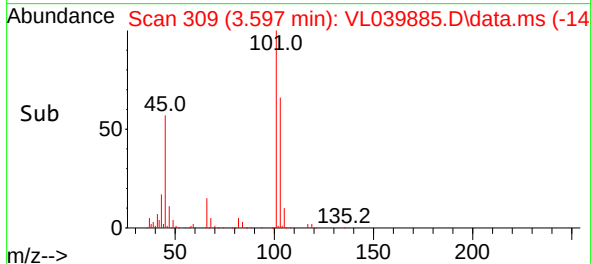
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



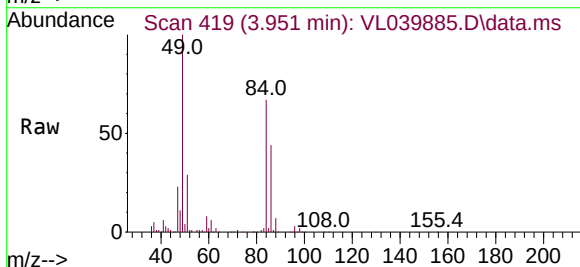
Tgt Ion: 45 Resp: 476986
Ion Ratio Lower Upper
45 100
58 3.9 38.3 57.5

Manual Integrations
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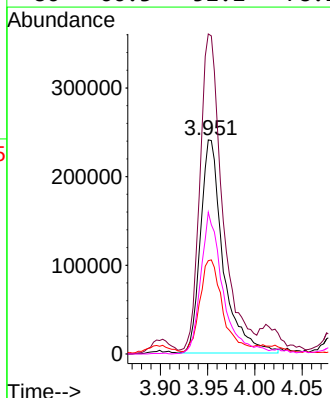
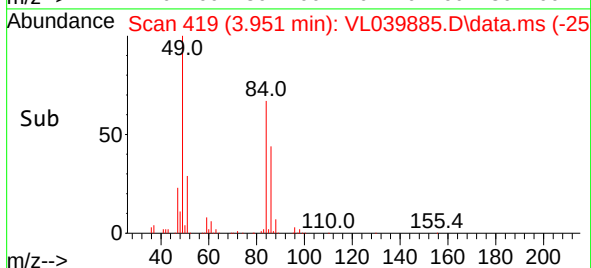
Reviewed By :Krupa Patel 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

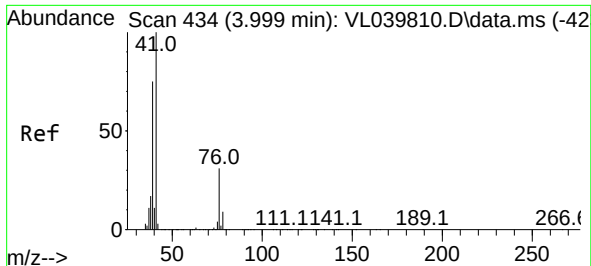


#20
Methylene Chloride
Concen: 9.611 ppbv
RT: 3.951 min Scan# 419
Delta R.T. 0.013 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06



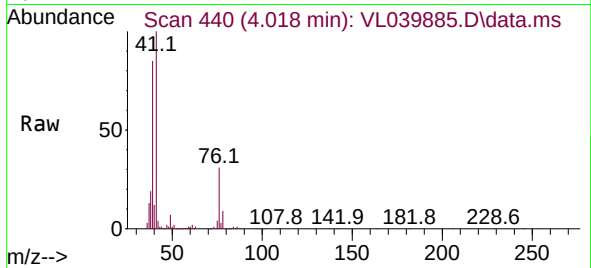
Tgt Ion: 84 Resp: 402158
Ion Ratio Lower Upper
84 100
49 148.4 128.6 192.8
51 42.4 40.2 60.4
86 66.3 52.2 78.2





#21
 Allyl Chloride
 Concen: 8.538 ppbv
 RT: 4.018 min Scan# 440
 Delta R.T. 0.019 min
 Lab File: VL039885.D
 Acq: 11 Nov 2022 11:06

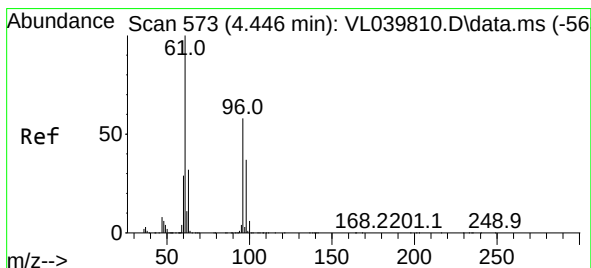
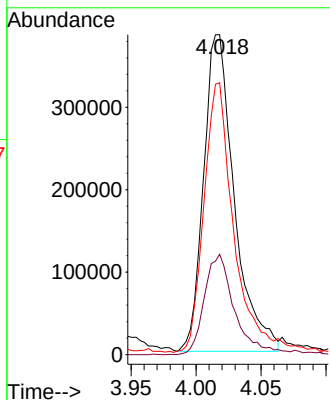
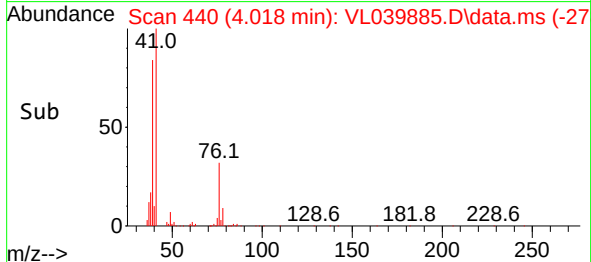
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 631690
 Ion Ratio Lower Upper
 41 100
 76 31.8 24.1 36.1
 39 84.6 64.3 96.5

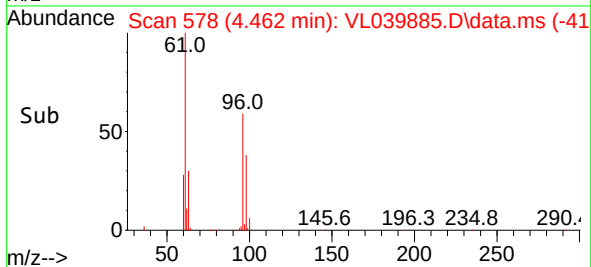
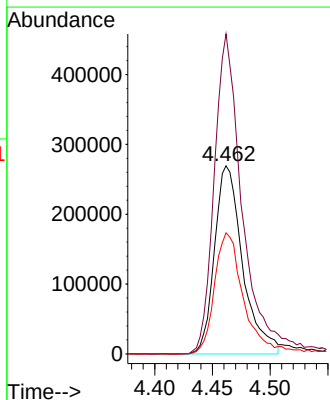
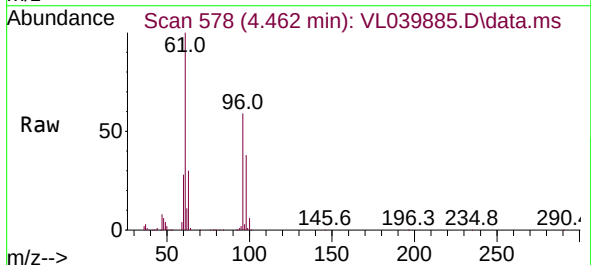
Manual Integrations
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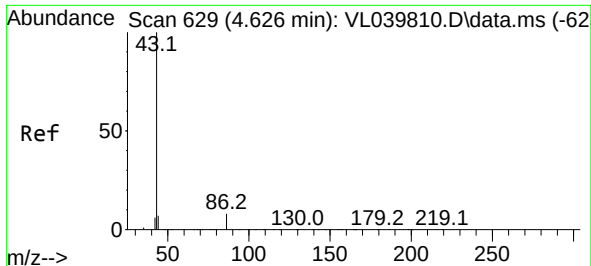
Reviewed By :Krupa Patel 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022



#22
 trans-1,2-Dichloroethene
 Concen: 10.269 ppbv
 RT: 4.462 min Scan# 578
 Delta R.T. 0.016 min
 Lab File: VL039885.D
 Acq: 11 Nov 2022 11:06

Tgt Ion: 96 Resp: 456680
 Ion Ratio Lower Upper
 96 100
 61 170.1 137.6 206.4
 98 64.3 51.2 76.8





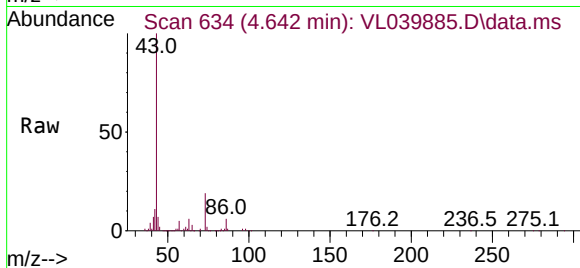
#23
 Vinyl Acetate
 Concen: 7.592 ppbv
 RT: 4.642 min Scan# 615
 Delta R.T. 0.016 min
 Lab File: VL039885.D
 Acq: 11 Nov 2022 11:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



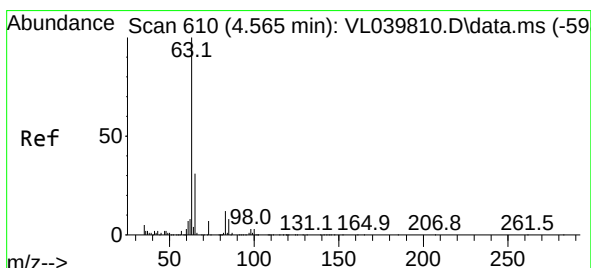
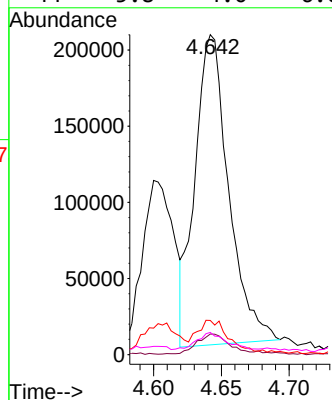
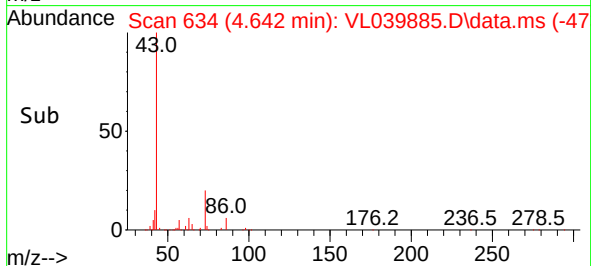
Tgt Ion: 43 Resp: 353795
 Ion Ratio Lower Upper
 43 100
 86 6.4 5.0 7.4
 42 10.2 6.8 10.2
 44 5.8 4.0 6.0

Manual Integrations

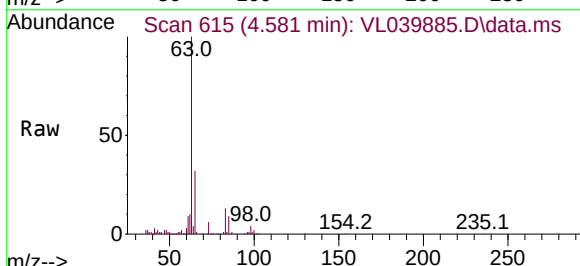
APPROVED

Reviewed By :Krupa Patel 11/11/2022

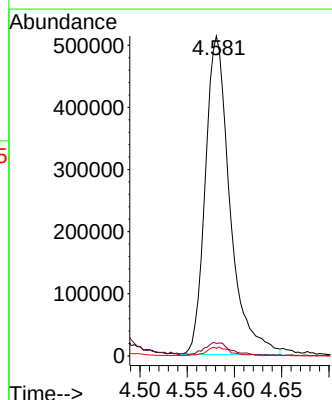
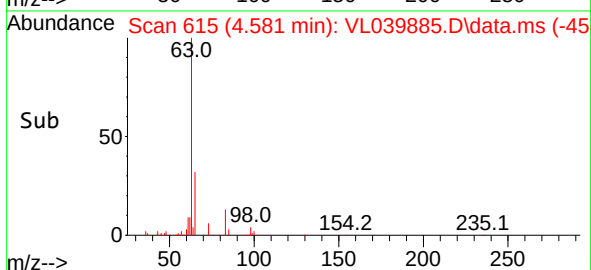
Supervised By :Mahesh Dadoda 11/11/2022

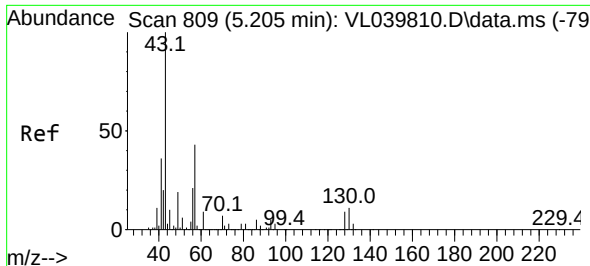


#24
 1,1-Dichloroethane
 Concen: 9.800 ppbv
 RT: 4.581 min Scan# 615
 Delta R.T. 0.016 min
 Lab File: VL039885.D
 Acq: 11 Nov 2022 11:06



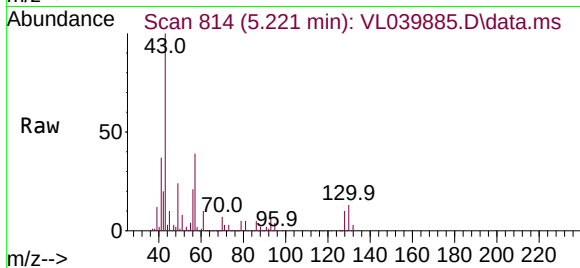
Tgt Ion: 63 Resp: 932835
 Ion Ratio Lower Upper
 63 100
 98 3.6 1.8 5.4
 100 2.3 1.5 4.4





#25
Ethyl Acetate
Concen: 9.094 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.016 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

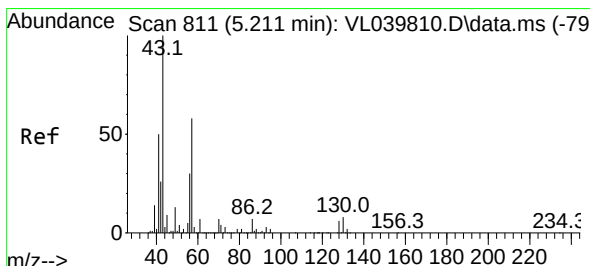
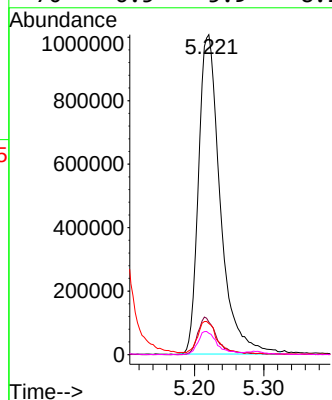
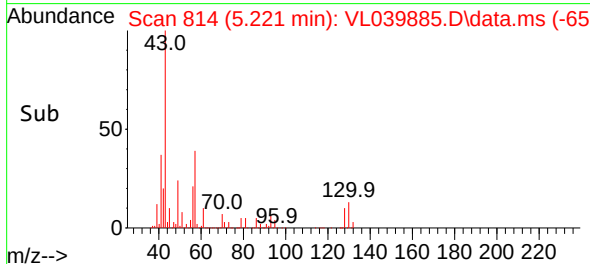
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 219096
Ion Ratio Lower Upper
43 100
45 10.5 8.2 12.2
61 9.8 8.1 12.1
70 6.5 5.9 8.9

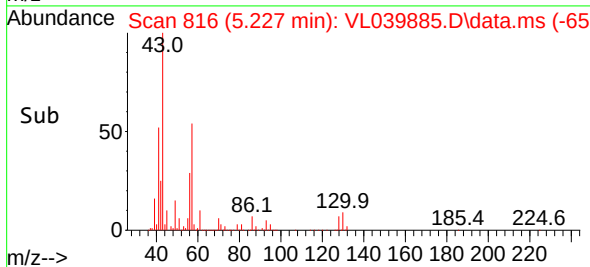
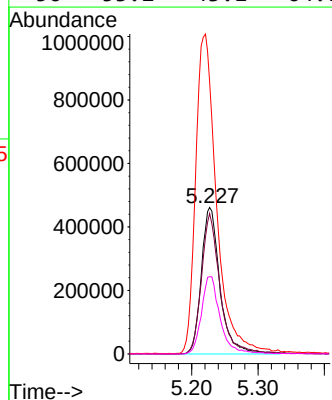
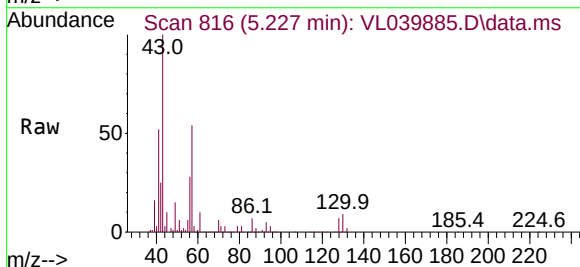
Manual Integrations
APPROVED

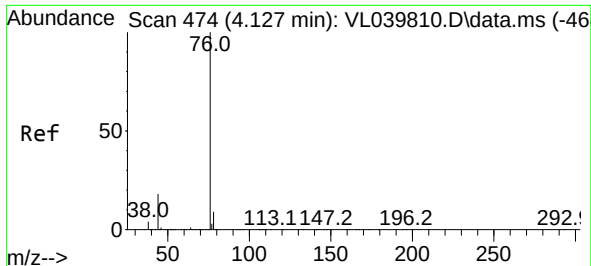
Reviewed By :Krupa Patel 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#26
Hexane
Concen: 8.371 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.016 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

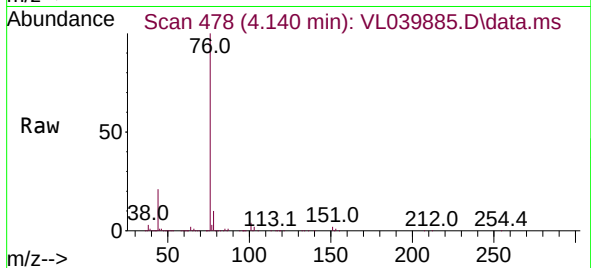
Tgt Ion: 57 Resp: 899261
Ion Ratio Lower Upper
57 100
41 95.7 73.7 110.5
43 247.7 189.8 284.8
56 53.2 43.1 64.7





#27
Carbon Disulfide
Concen: 9.600 ppbv
RT: 4.140 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

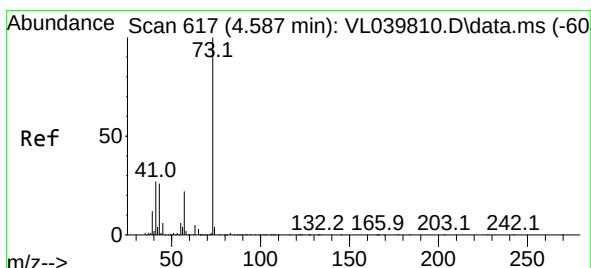
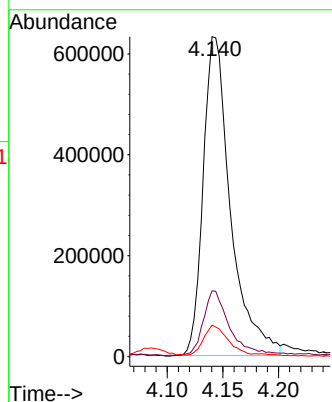
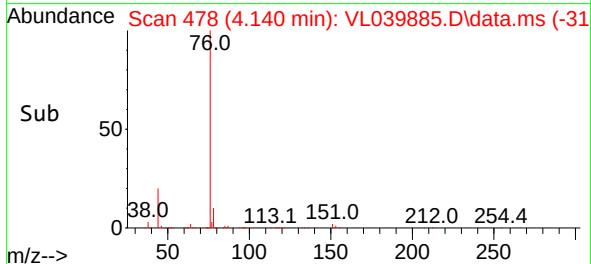
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 1082948
Ion Ratio Lower Upper
76 100
44 20.7 14.6 22.0
78 10.1 7.6 11.4

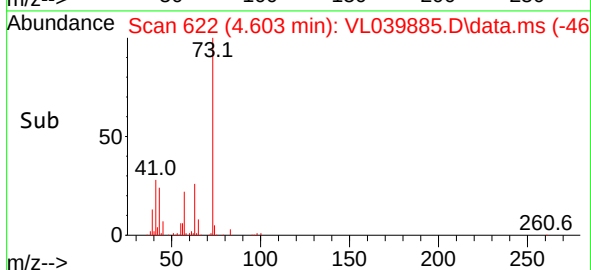
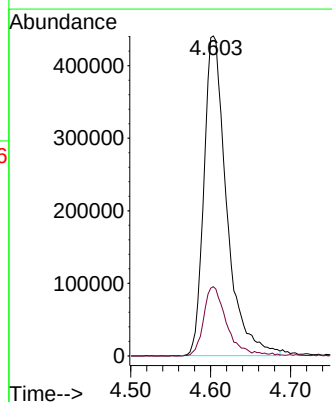
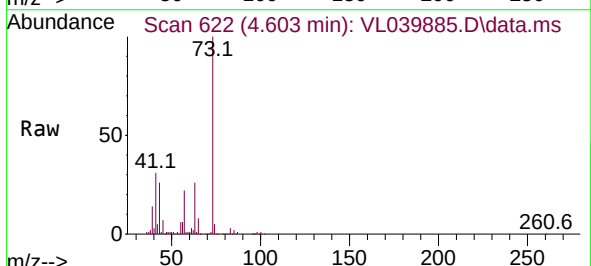
Manual Integrations
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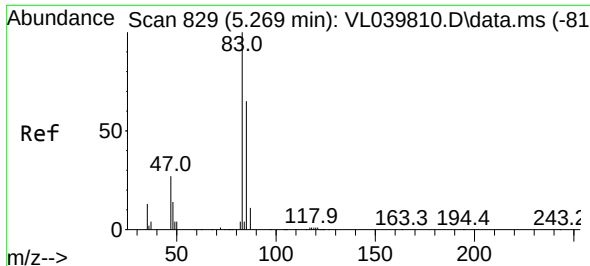
Reviewed By :Krupa Patel 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#28
Methyl tert-Butyl Ether
Concen: 8.946 ppbv
RT: 4.603 min Scan# 622
Delta R.T. 0.016 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

Tgt Ion: 73 Resp: 869892
Ion Ratio Lower Upper
73 100
57 22.4 19.4 29.2





#29

Chloroform

Concen: 10.009 ppbv

RT: 5.288 min Scan# 83

Delta R.T. 0.019 min

Lab File: VL039885.D

Acq: 11 Nov 2022 11:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 1511825

Ion Ratio Lower Upper

83 100

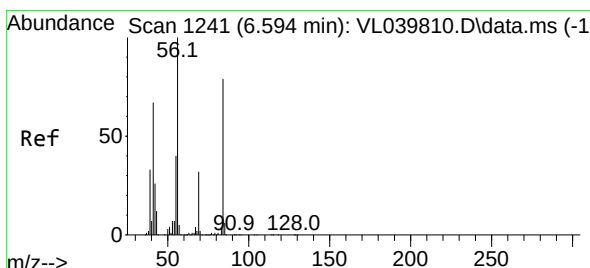
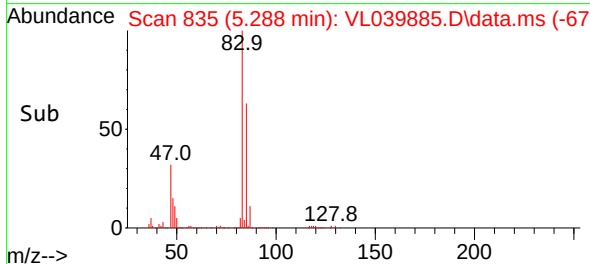
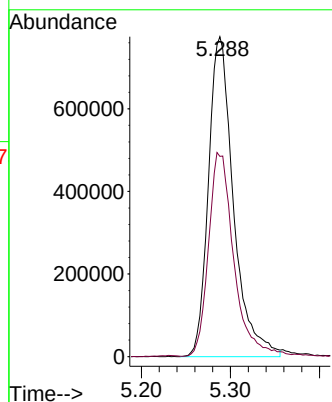
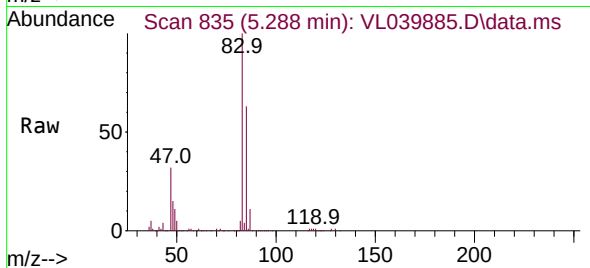
85 62.4 51.6 77.4

Manual Integrations

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Reviewed By :Krupa Patel 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#30

Cyclohexane

Concen: 7.755 ppbv

RT: 6.613 min Scan# 1247

Delta R.T. 0.019 min

Lab File: VL039885.D

Acq: 11 Nov 2022 11:06

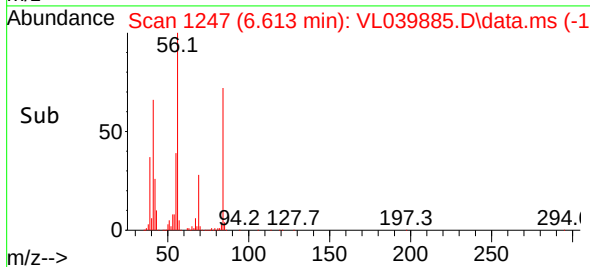
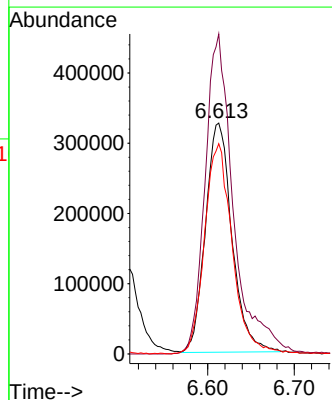
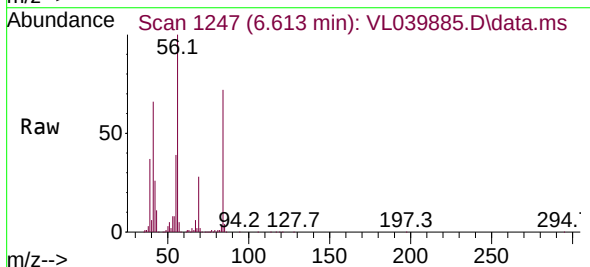
Tgt Ion: 84 Resp: 696635

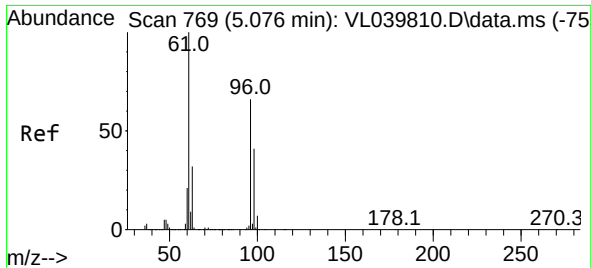
Ion Ratio Lower Upper

84 100

56 150.0 114.8 172.2

41 96.4 68.6 103.0





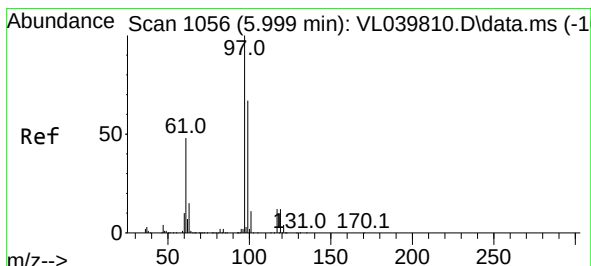
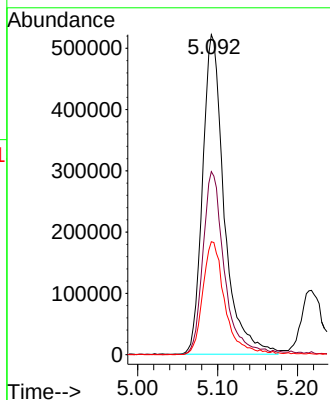
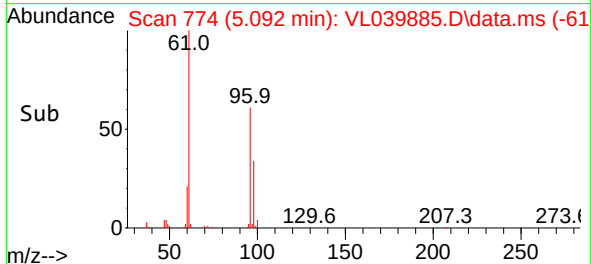
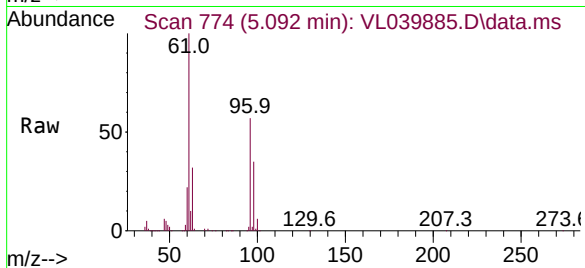
#31
 cis-1,2-Dichloroethene
 Concen: 9.995 ppbv
 RT: 5.092 min Scan# 71
 Delta R.T. 0.016 min
 Lab File: VL039885.D
 Acq: 11 Nov 2022 11:06

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 61 Resp: 979040
 Ion Ratio Lower Upper
 61 100
 96 57.2 52.6 78.8
 98 35.2 32.6 48.8

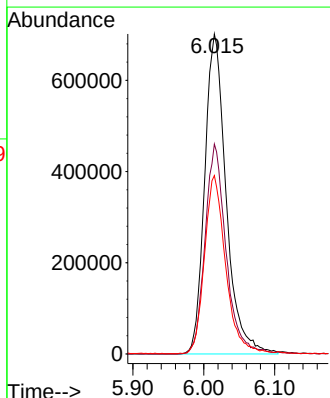
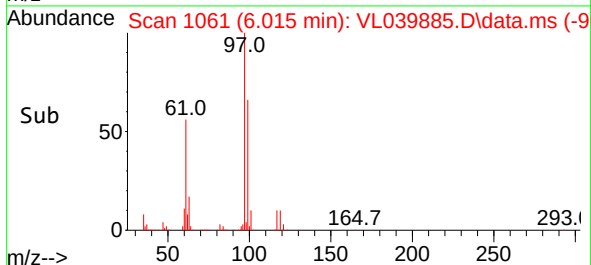
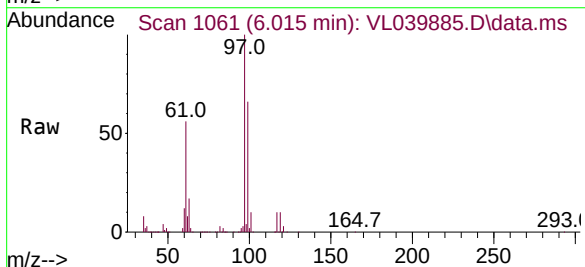
Manual Integrations
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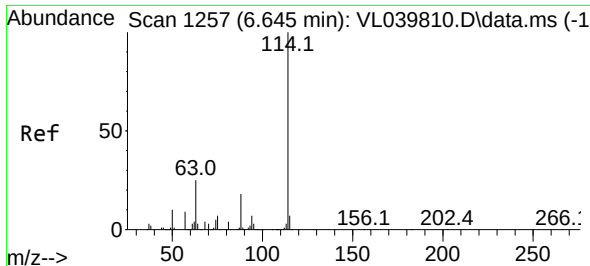
Reviewed By :Krupa Patel 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022



#32
 1,1,1-Trichloroethane
 Concen: 9.820 ppbv
 RT: 6.015 min Scan# 1061
 Delta R.T. 0.016 min
 Lab File: VL039885.D
 Acq: 11 Nov 2022 11:06

Tgt Ion: 97 Resp: 1476687
 Ion Ratio Lower Upper
 97 100
 99 64.5 52.7 79.1
 61 55.5 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 11

Delta R.T. 0.019 min

Lab File: VL039885.D

Acq: 11 Nov 2022 11:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:114 Resp: 204968

Ion Ratio Lower Upper

114 100

63 30.8 19.8 29.6

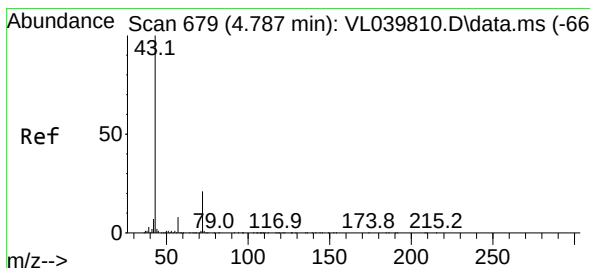
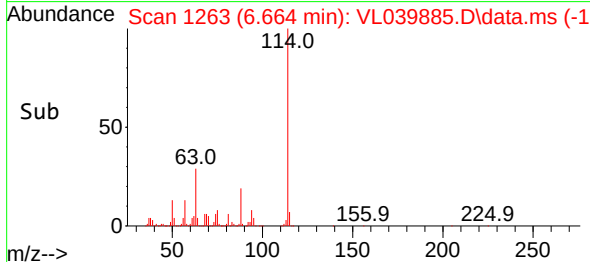
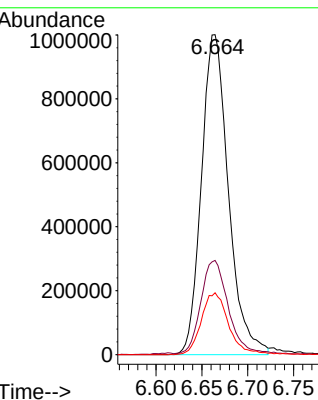
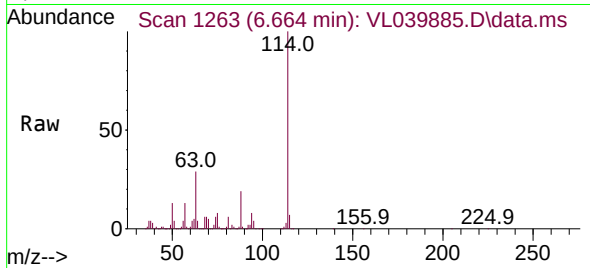
88 19.7 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#34

2-Butanone

Concen: 11.892 ppbv

RT: 4.803 min Scan# 684

Delta R.T. 0.016 min

Lab File: VL039885.D

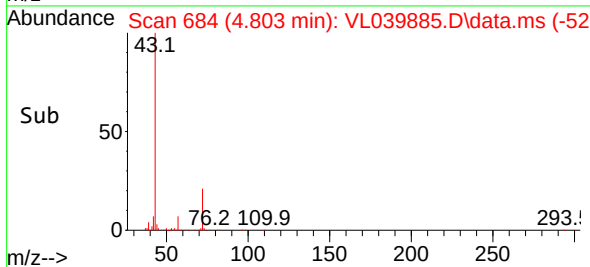
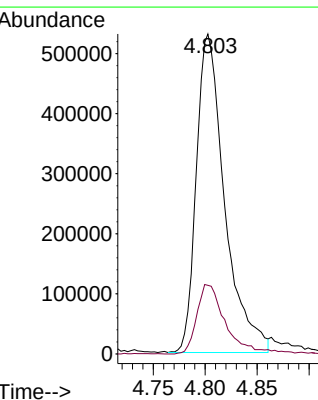
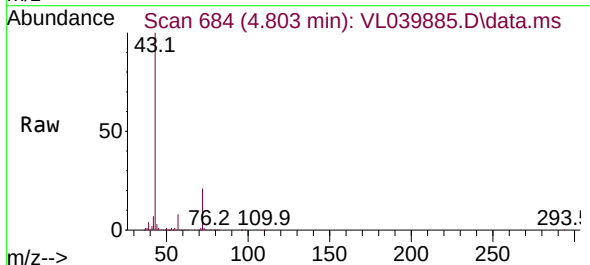
Acq: 11 Nov 2022 11:06

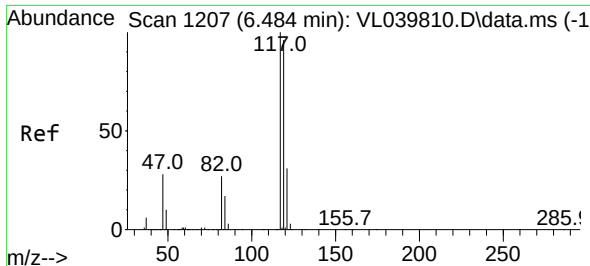
Tgt Ion: 43 Resp: 1005527

Ion Ratio Lower Upper

43 100

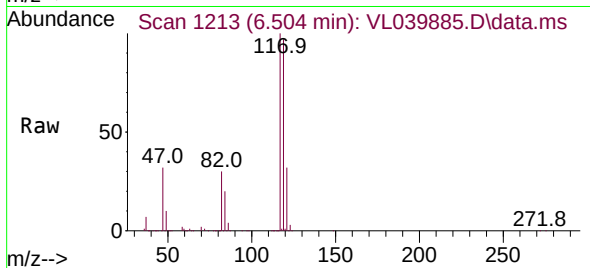
72 22.6 17.5 26.3





#35
Carbon Tetrachloride
Concen: 12.607 ppbv
RT: 6.504 min Scan# 1175
Delta R.T. 0.019 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

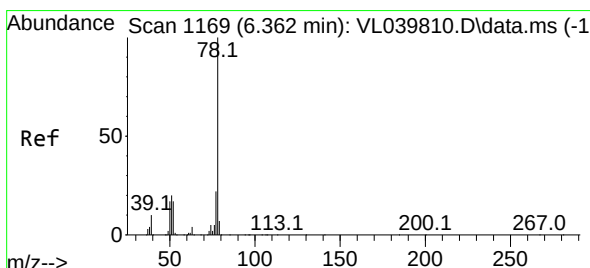
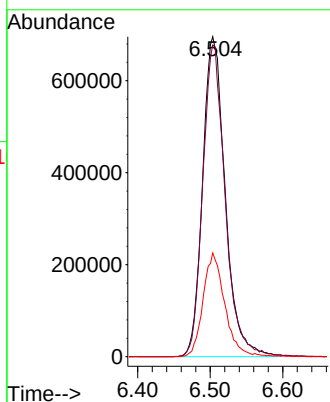
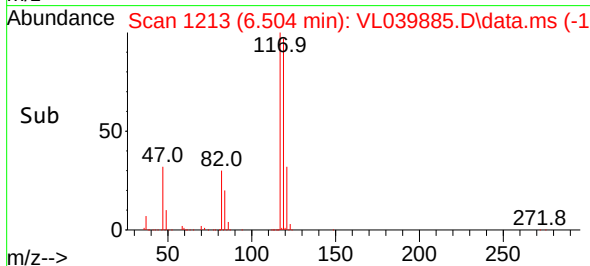
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 117 Resp: 1506179
Ion Ratio Lower Upper
117 100
119 97.3 76.5 114.7
121 32.3 25.2 37.8

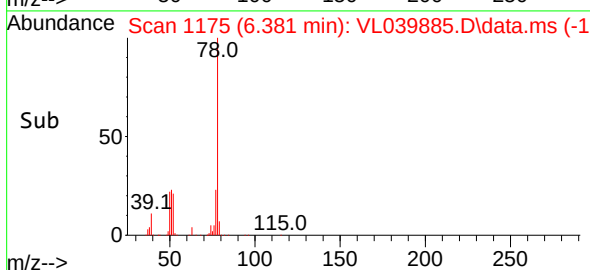
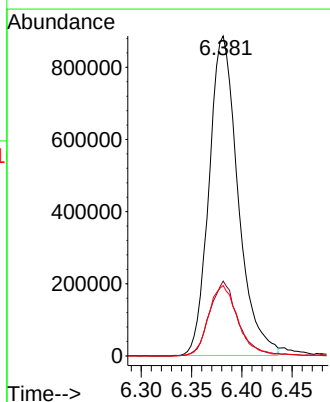
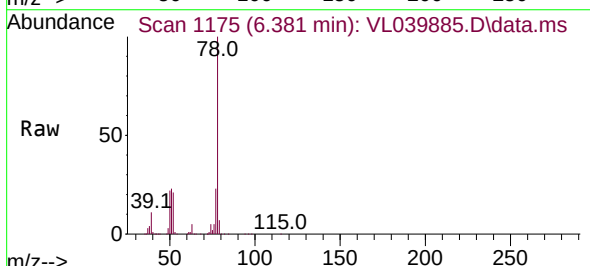
Manual Integrations
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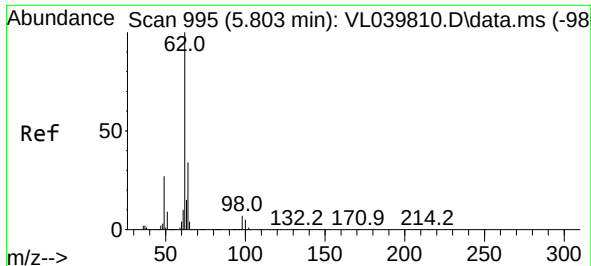
Reviewed By :Krupa Patel 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#36
Benzene
Concen: 10.262 ppbv
RT: 6.381 min Scan# 1175
Delta R.T. 0.019 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

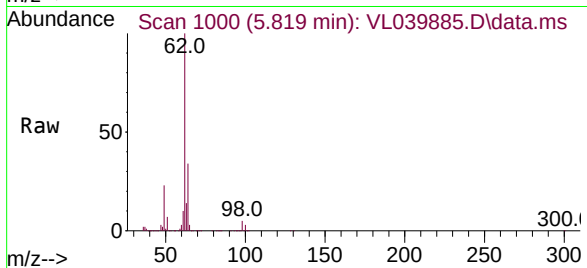
Tgt Ion: 78 Resp: 1774230
Ion Ratio Lower Upper
78 100
77 23.4 17.4 26.2
50 21.9 13.9 20.9





#37
1,2-Dichloroethane
Concen: 15.733 ppbv
RT: 5.819 min Scan# 1000
Delta R.T. 0.016 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

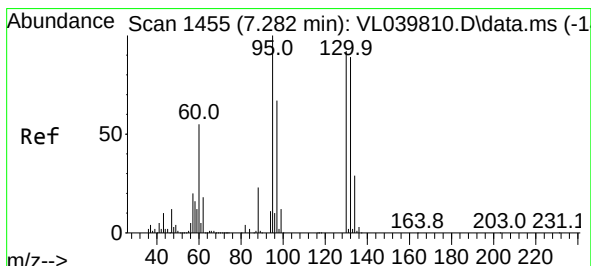
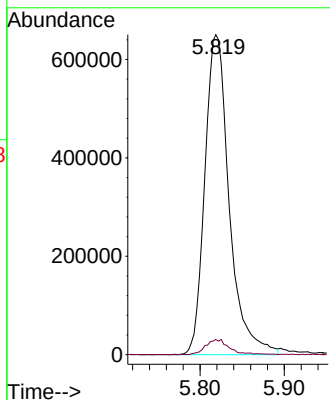
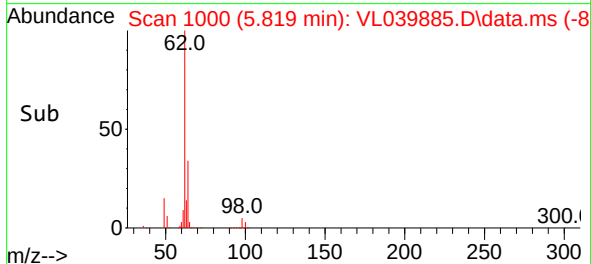
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 62 Resp: 1305108
Ion Ratio Lower Upper
62 100
98 4.7 5.4 8.2

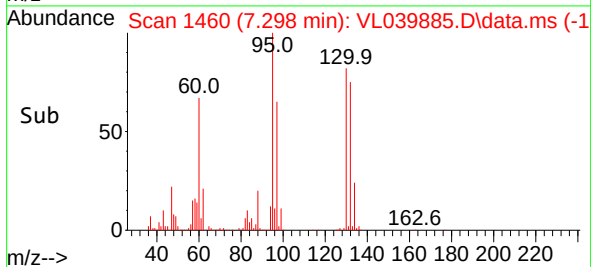
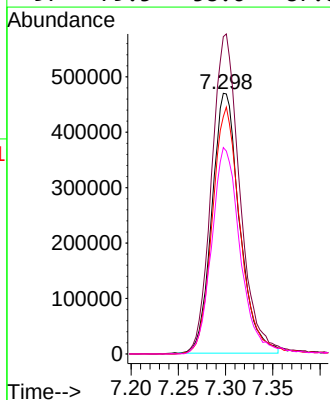
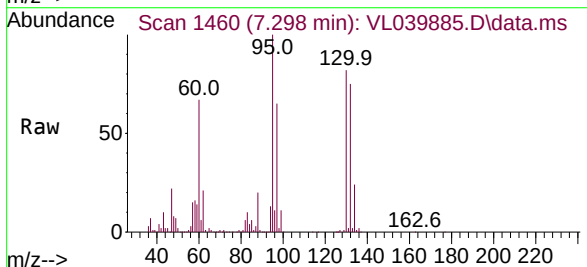
Manual Integrations
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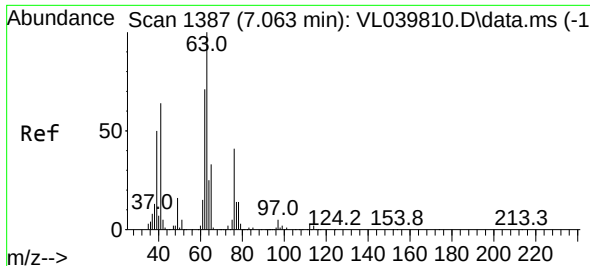
Reviewed By :Krupa Patel 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#38
Trichloroethene
Concen: 10.357 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. 0.016 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

Tgt Ion:130 Resp: 958495
Ion Ratio Lower Upper
130 100
95 122.0 87.4 131.2
132 91.2 77.7 116.5
97 79.5 58.6 87.8





#39

1,2-Dichloropropane

Concen: 11.091 ppbv

RT: 7.085 min Scan# 1387

Delta R.T. 0.023 min

Lab File: VL039885.D

Acq: 11 Nov 2022 11:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 63 Resp: 747138

Ion Ratio Lower Upper

63 100

41 74.5 51.0 76.4

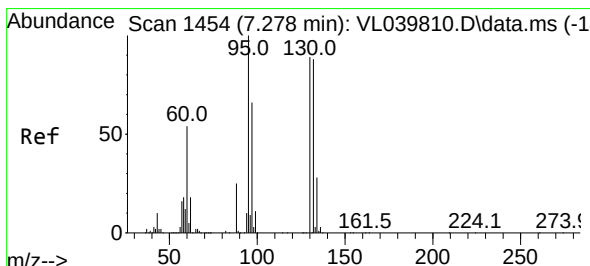
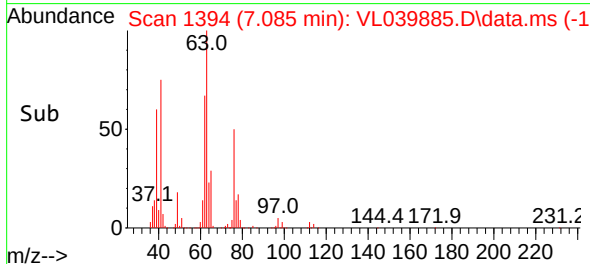
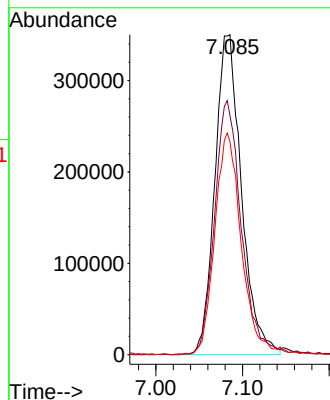
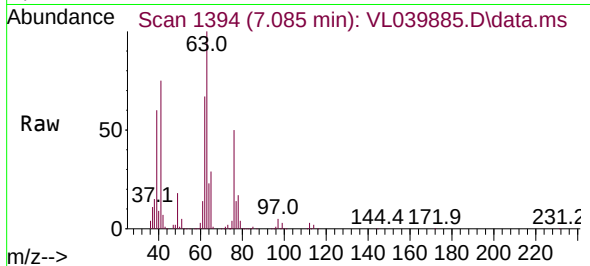
62 66.4 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#40

1,4-Dioxane

Concen: 9.995 ppbv

RT: 7.294 min Scan# 1459

Delta R.T. 0.016 min

Lab File: VL039885.D

Acq: 11 Nov 2022 11:06

Tgt Ion: 88 Resp: 257823

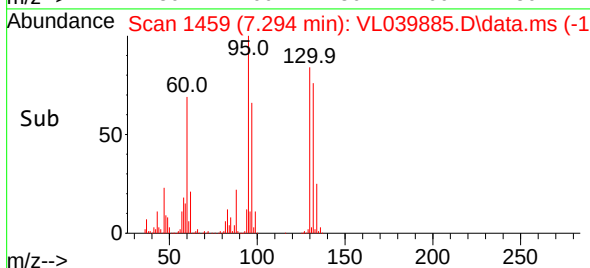
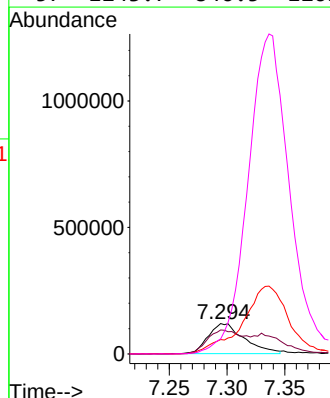
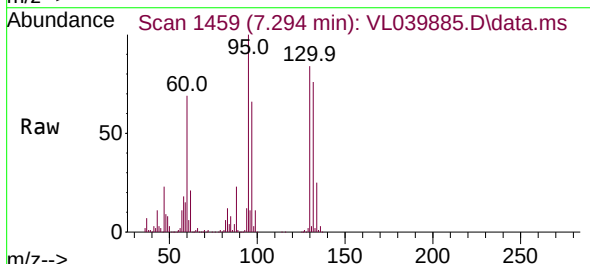
Ion Ratio Lower Upper

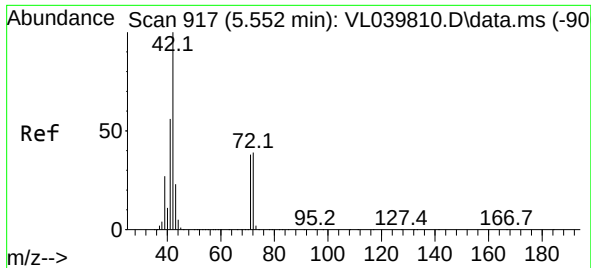
88 100

58 140.5 99.5 149.3

43 292.7 189.7 284.5#

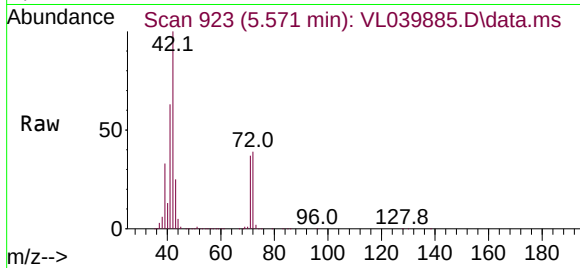
57 1243.7 846.5 1269.7





#41
Tetrahydrofuran
Concen: 10.602 ppbv
RT: 5.571 min Scan# 917
Delta R.T. 0.019 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

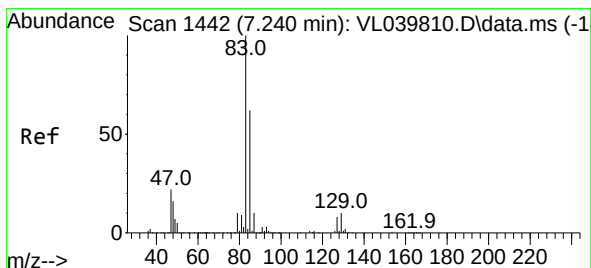
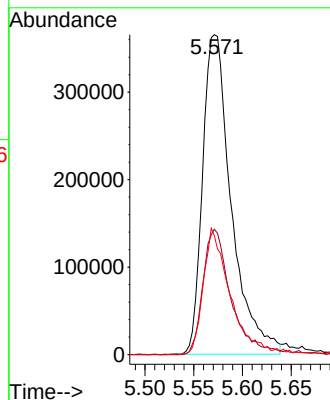
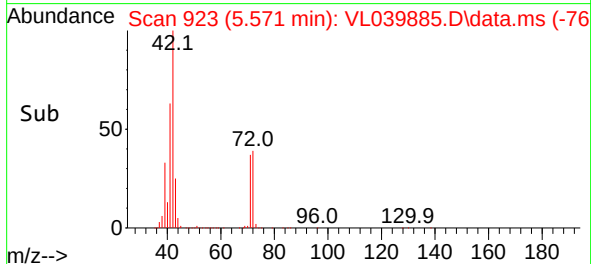
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 749228
Ion Ratio Lower Upper
42 100
72 39.3 31.4 47.2
71 38.0 31.5 47.3

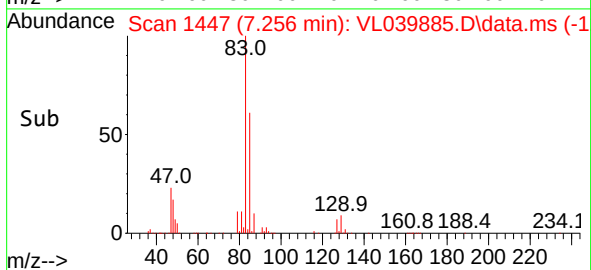
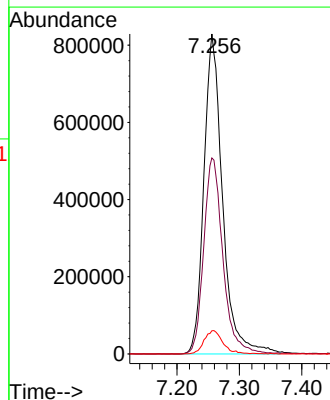
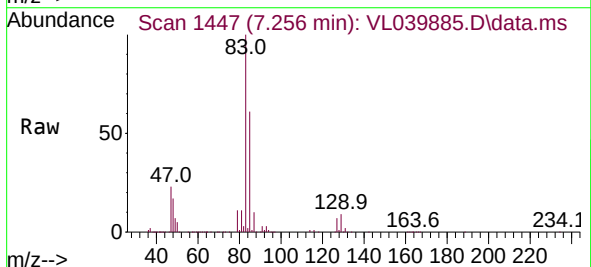
Manual Integrations
APPROVED

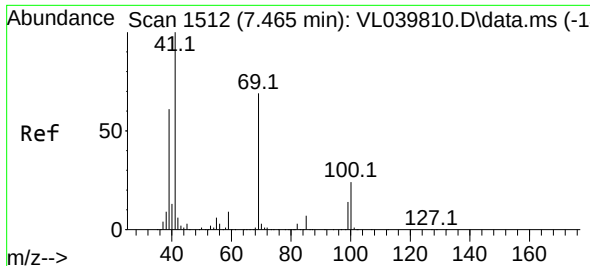
Reviewed By :Krupa Patel 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#42
Bromodichloromethane
Concen: 13.013 ppbv
RT: 7.256 min Scan# 1447
Delta R.T. 0.016 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

Tgt Ion: 83 Resp: 1724227
Ion Ratio Lower Upper
83 100
85 61.2 49.9 74.9
127 7.2 6.4 9.6





#43
Methyl Methacrylate
Concen: 11.119 ppbv
RT: 7.484 min Scan# 11
Delta R.T. 0.019 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

Instrument :

MSVOA_L

ClientSampleId :

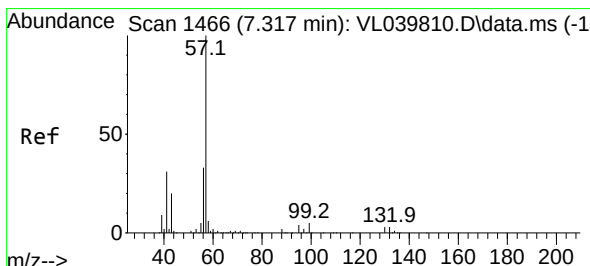
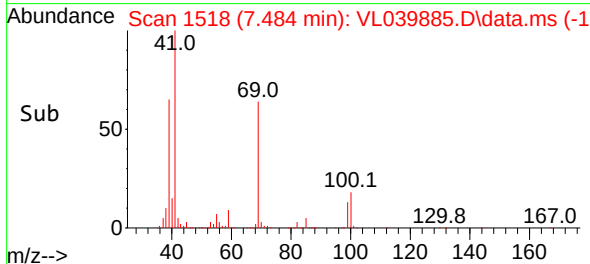
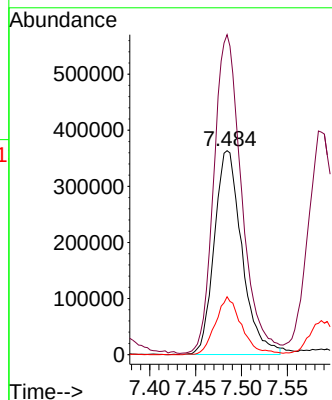
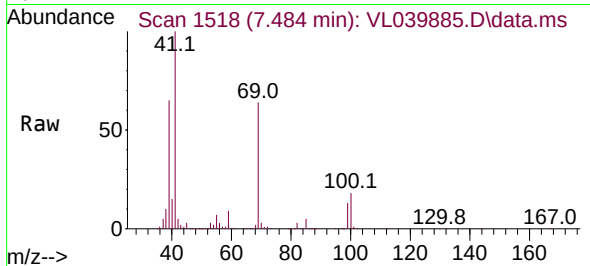
VSTDCCC010EC

Tgt Ion: 69 Resp: 759760
Ion Ratio Lower Upper
69 100
41 158.6 115.7 173.5
100 27.0 25.9 38.9

Manual Integrations

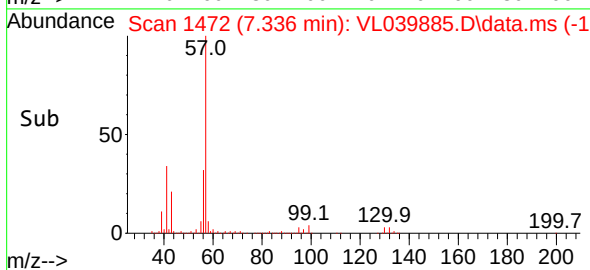
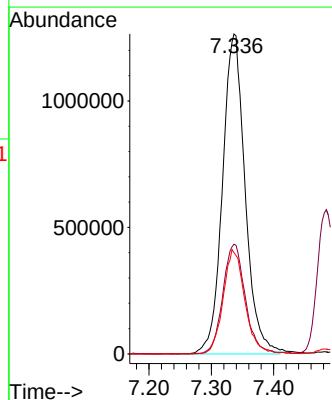
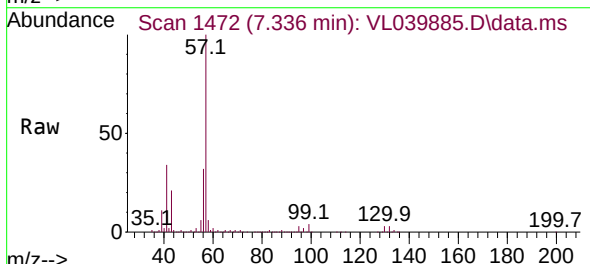
APPROVED

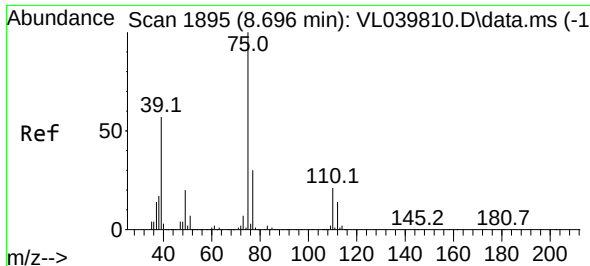
Reviewed By :Krupa Patel 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#44
2,2,4-Trimethylpentane
Concen: 10.911 ppbv
RT: 7.336 min Scan# 1472
Delta R.T. 0.019 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

Tgt Ion: 57 Resp: 3184283
Ion Ratio Lower Upper
57 100
41 34.2 24.6 36.8
56 31.3 25.4 38.0





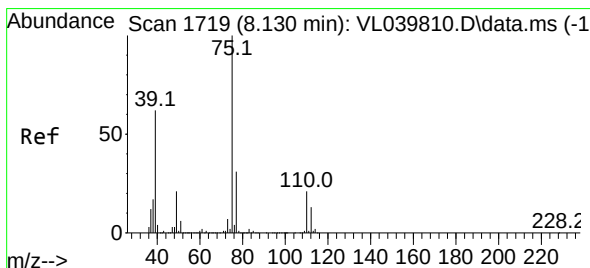
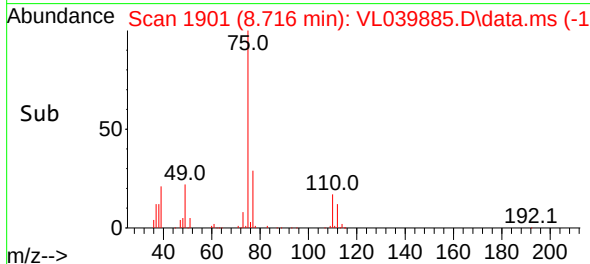
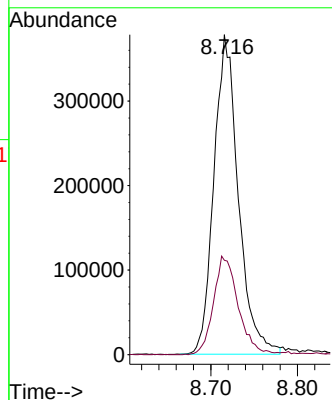
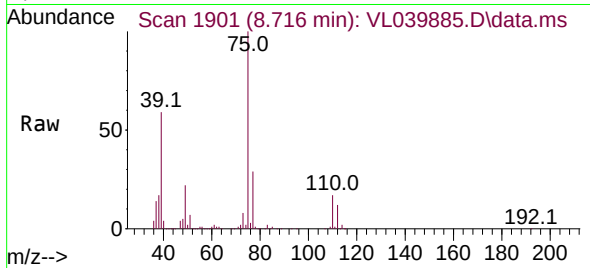
#45
t-1,3-Dichloropropene
Concen: 11.312 ppbv
RT: 8.716 min Scan# 1901
Delta R.T. 0.019 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 740435
Ion Ratio Lower Upper
75 100
77 29.5 24.4 36.6

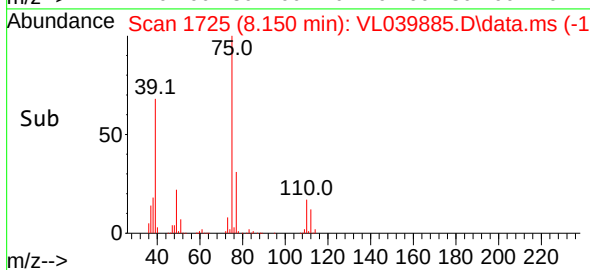
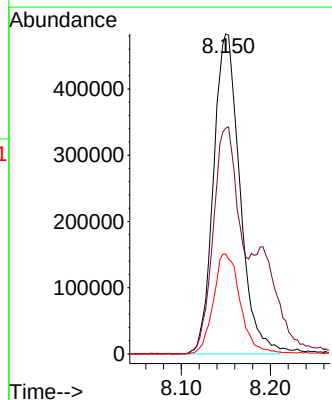
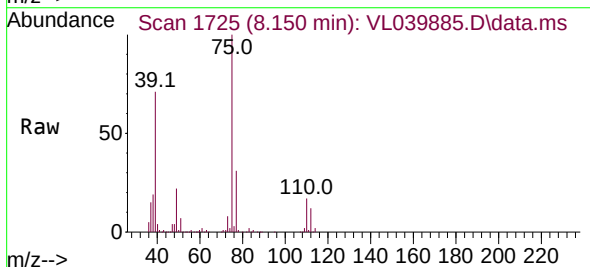
Manual Integrations
APPROVED

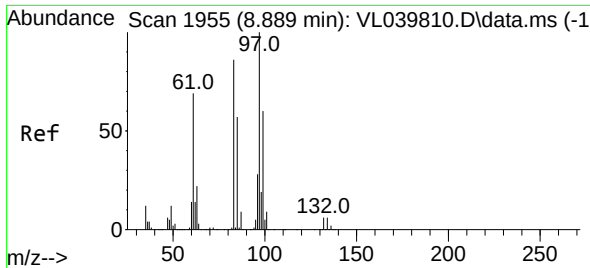
Reviewed By :Krupa Patel 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#46
cis-1,3-Dichloropropene
Concen: 11.131 ppbv
RT: 8.150 min Scan# 1725
Delta R.T. 0.019 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

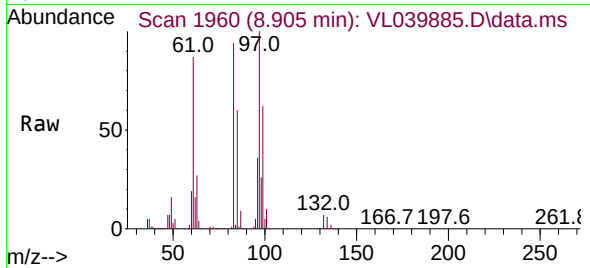
Tgt Ion: 75 Resp: 994524
Ion Ratio Lower Upper
75 100
39 70.4 50.0 75.0
77 31.2 25.1 37.7





#47
1,1,2-Trichloroethane
Concen: 10.759 ppbv
RT: 8.905 min Scan# 1955
Delta R.T. 0.016 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

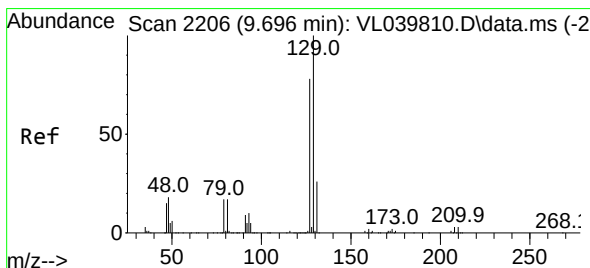
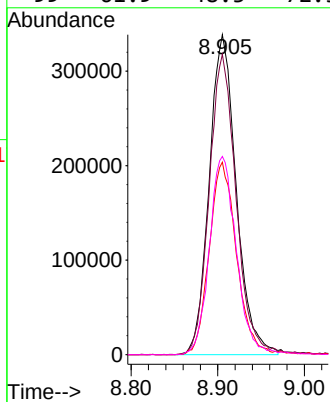
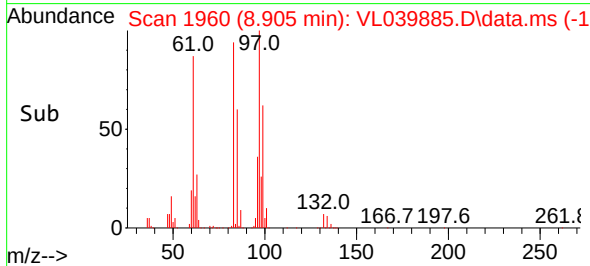
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



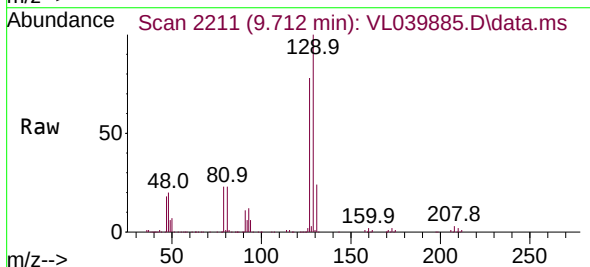
Tgt Ion: 97 Resp: 733901
Ion Ratio Lower Upper
97 100
83 93.7 68.8 103.2
85 60.1 45.8 68.6
99 61.9 48.3 72.5

Manual Integrations
APPROVED

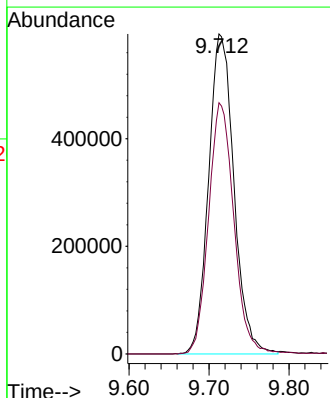
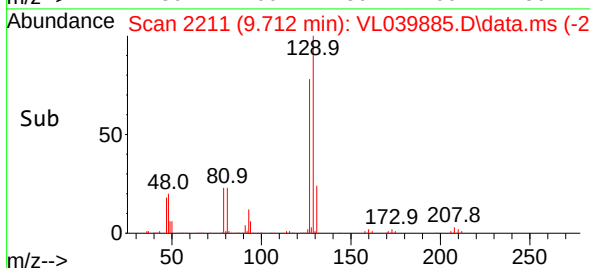
Reviewed By :Krupa Patel 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

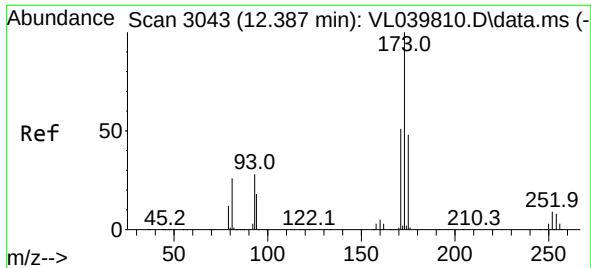


#48
Dibromochloromethane
Concen: 11.277 ppbv
RT: 9.712 min Scan# 2211
Delta R.T. 0.016 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06



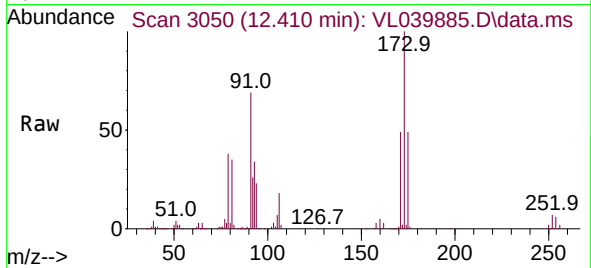
Tgt Ion:129 Resp: 1310765
Ion Ratio Lower Upper
129 100
127 78.4 39.4 118.1





#49
Bromoform
Concen: 11.036 ppbv
RT: 12.410 min Scan# 3043
Delta R.T. 0.023 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

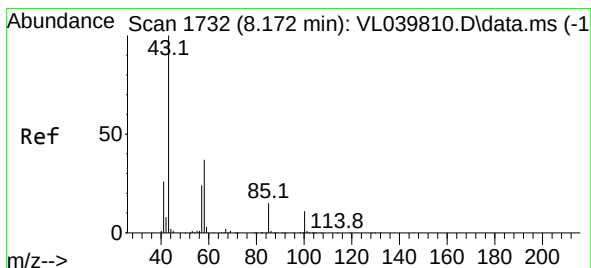
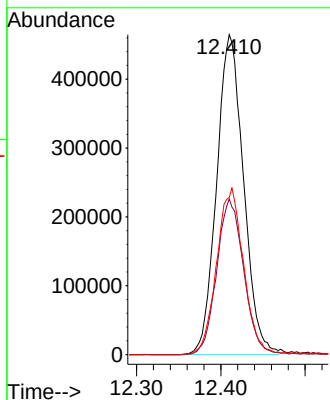
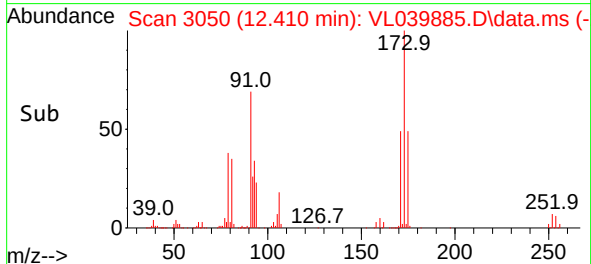
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 173 Resp: 1031029
Ion Ratio Lower Upper
173 100
175 49.0 39.7 59.5
171 52.5 41.7 62.5

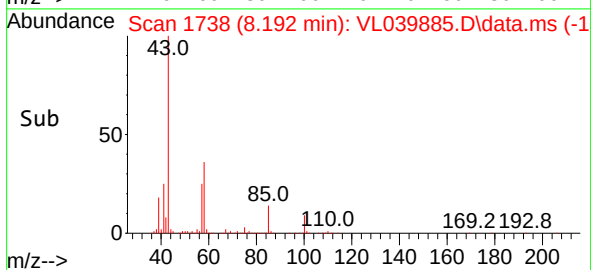
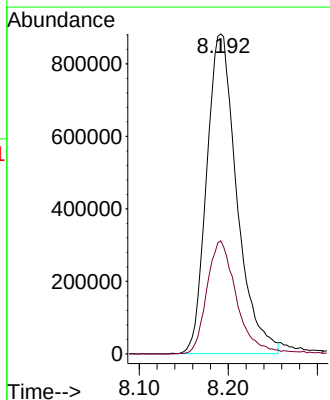
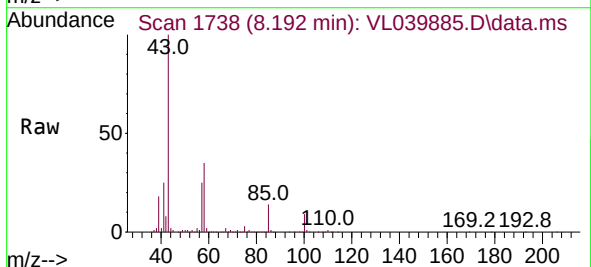
Manual Integrations
APPROVED

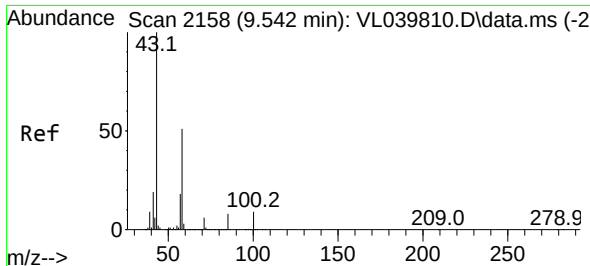
Reviewed By :Krupa Patel 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#50
4-Methyl-2-Pentanone
Concen: 11.997 ppbv
RT: 8.192 min Scan# 1738
Delta R.T. 0.019 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

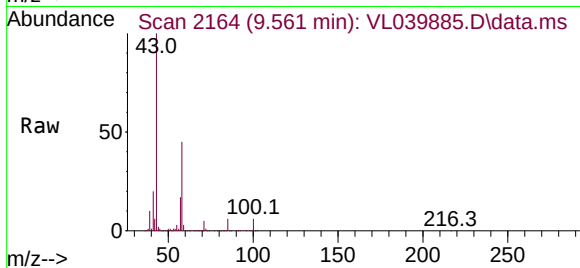
Tgt Ion: 43 Resp: 2076938
Ion Ratio Lower Upper
43 100
58 35.4 29.8 44.6





#51
2-Hexanone
Concen: 12.430 ppbv
RT: 9.561 min Scan# 2158
Delta R.T. 0.019 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

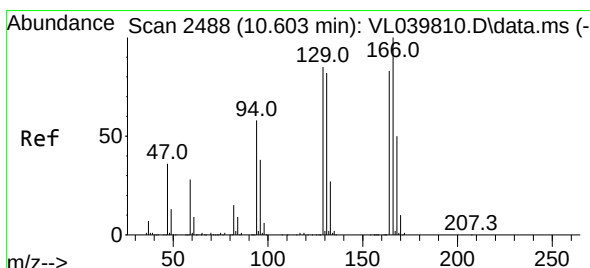
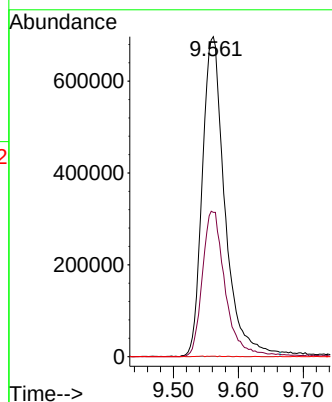
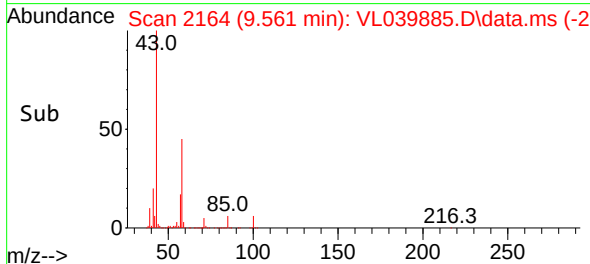
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 1677786
Ion Ratio Lower Upper
43 100
58 46.3 40.5 60.7
98 0.1 0.1 0.1

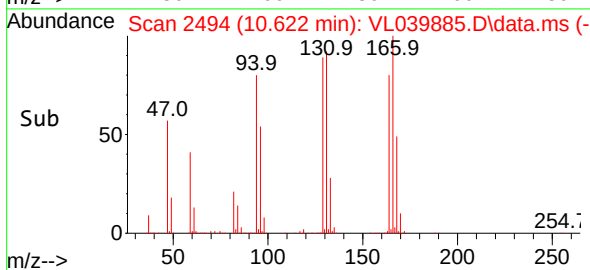
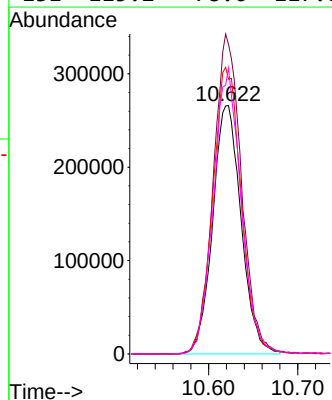
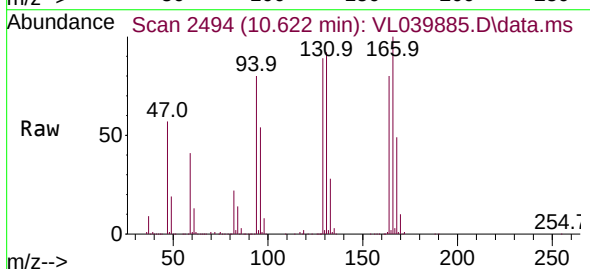
Manual Integrations
APPROVED

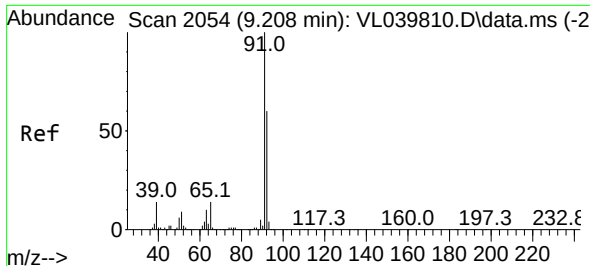
Reviewed By :Krupa Patel 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#52
Tetrachloroethene
Concen: 9.096 ppbv
RT: 10.622 min Scan# 2494
Delta R.T. 0.019 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

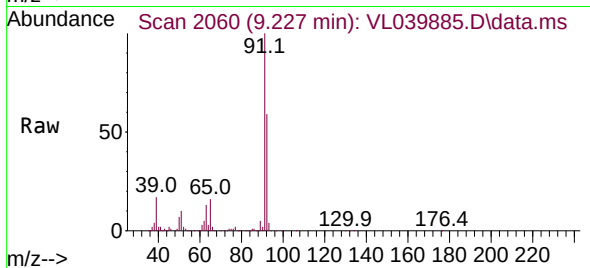
Tgt Ion:164 Resp: 589198
Ion Ratio Lower Upper
164 100
166 124.6 96.0 144.0
129 110.4 81.4 122.2
131 115.2 78.6 117.8





#53
Toluene
Concen: 10.138 ppbv
RT: 9.227 min Scan# 2054
Delta R.T. 0.019 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

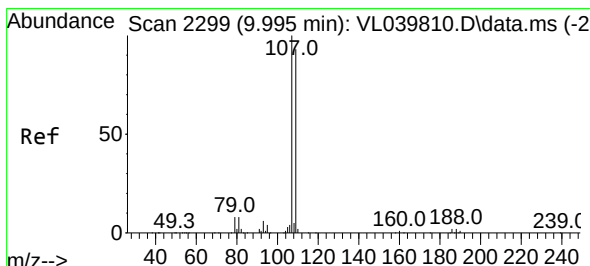
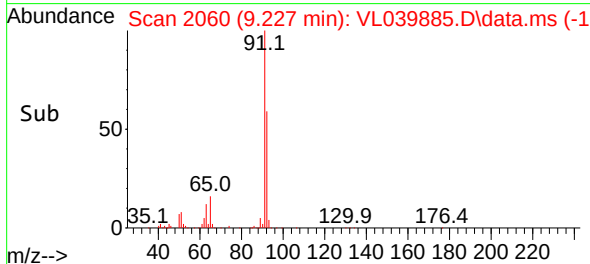
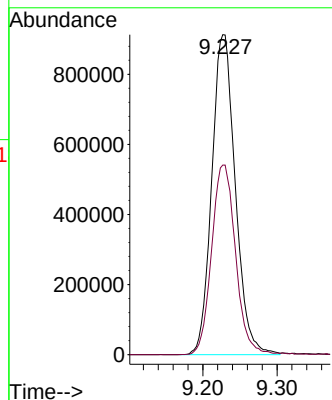
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 91 Resp: 201089
Ion Ratio Lower Upper
91 100
92 60.8 49.6 74.4

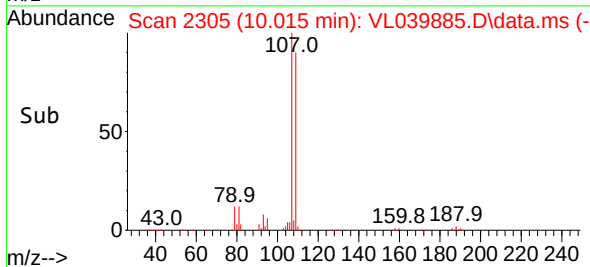
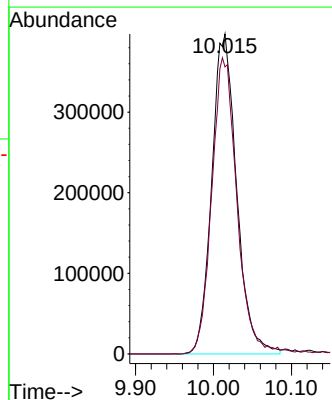
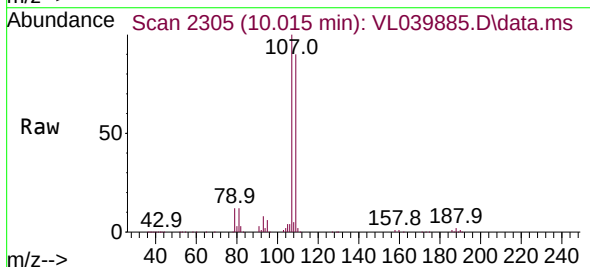
Manual Integrations
APPROVED

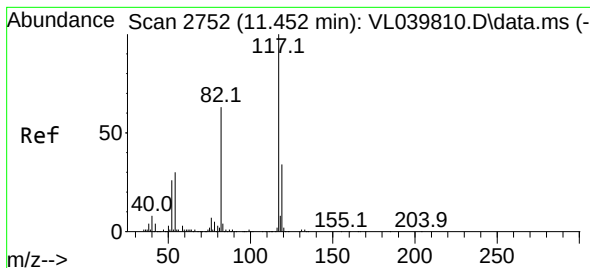
Reviewed By :Krupa Patel 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#54
1,2-Dibromoethane
Concen: 11.609 ppbv
RT: 10.015 min Scan# 2305
Delta R.T. 0.019 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

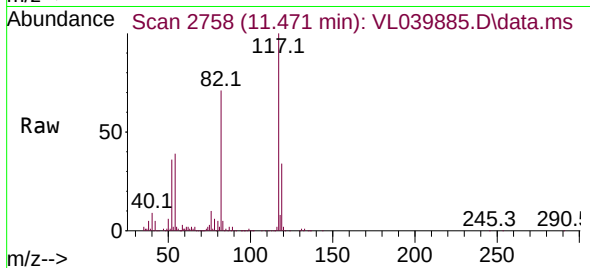
Tgt Ion:107 Resp: 878897
Ion Ratio Lower Upper
107 100
109 89.7 74.5 111.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 2758
Delta R.T. 0.019 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

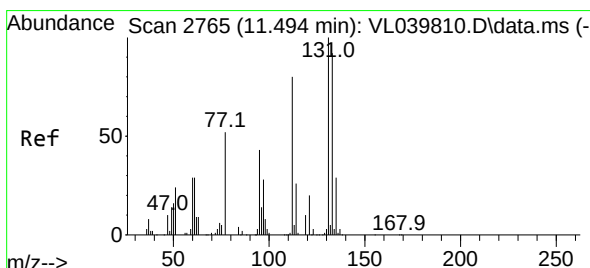
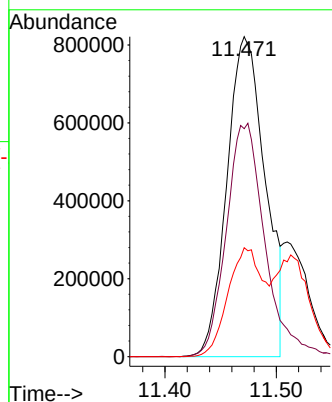
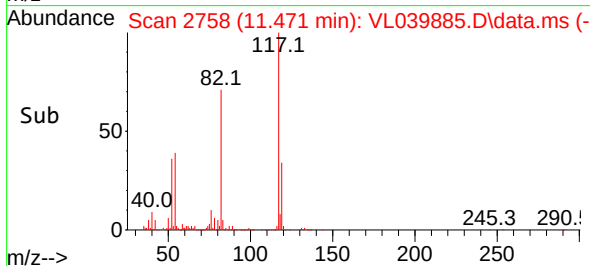
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



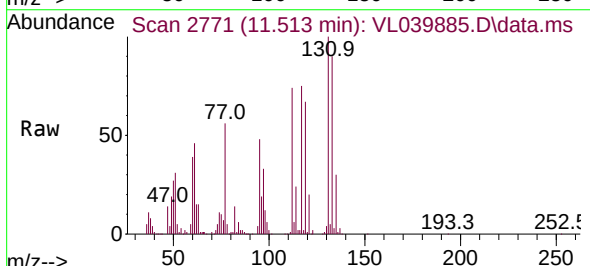
Tgt Ion:117 Resp: 1957809
Ion Ratio Lower Upper
117 100
82 74.0 51.0 76.6
119 31.4 24.7 37.1

Manual Integrations
APPROVED

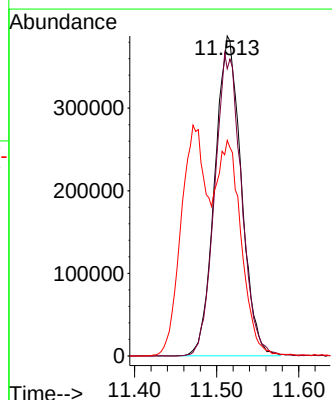
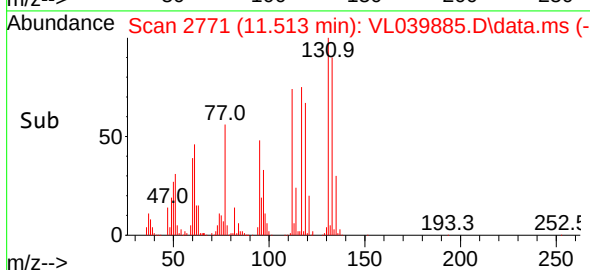
Reviewed By :Krupa Patel 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

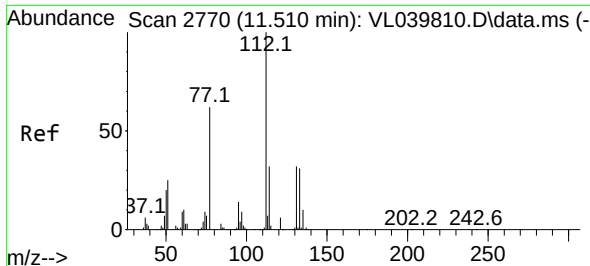


#56
1,1,1,2-Tetrachloroethane
Concen: 10.371 ppbv
RT: 11.513 min Scan# 2771
Delta R.T. 0.019 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06



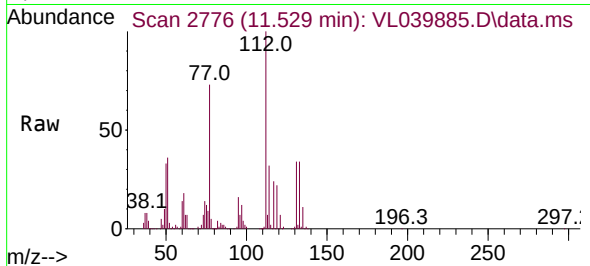
Tgt Ion:131 Resp: 868068
Ion Ratio Lower Upper
131 100
133 95.9 76.9 115.3
119 63.6 52.2 78.2





#57
Chlorobenzene
Concen: 10.050 ppbv
RT: 11.529 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

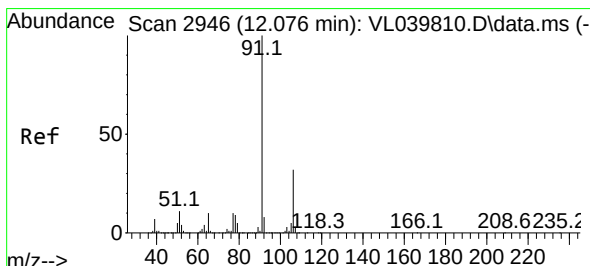
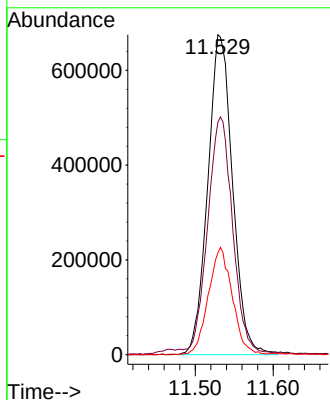
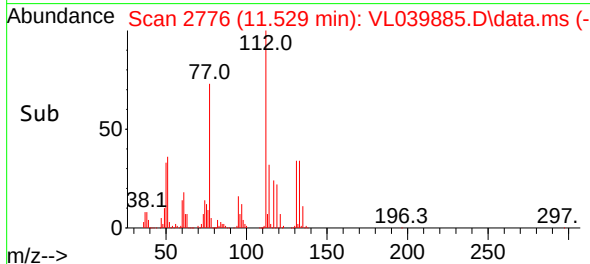
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



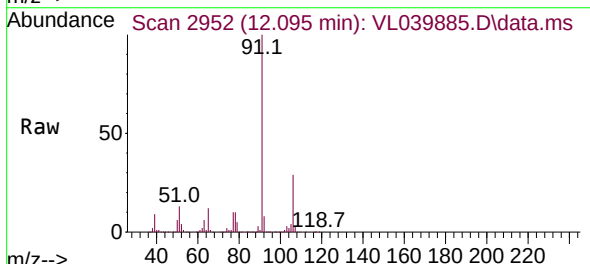
Tgt Ion: 112 Resp: 1492409
Ion Ratio Lower Upper
112 100
77 71.9 49.8 74.6
114 31.7 29.0 35.4

Manual Integrations
APPROVED

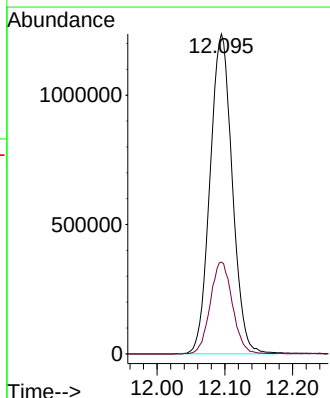
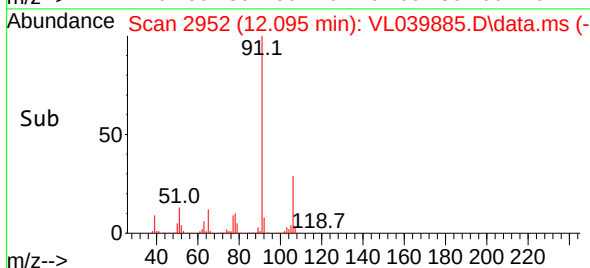
Reviewed By :Krupa Patel 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

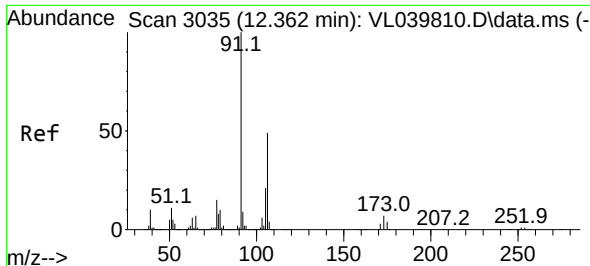


#58
Ethyl Benzene
Concen: 10.631 ppbv
RT: 12.095 min Scan# 2952
Delta R.T. 0.019 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06



Tgt Ion: 91 Resp: 2814258
Ion Ratio Lower Upper
91 100
106 28.6 25.9 38.9





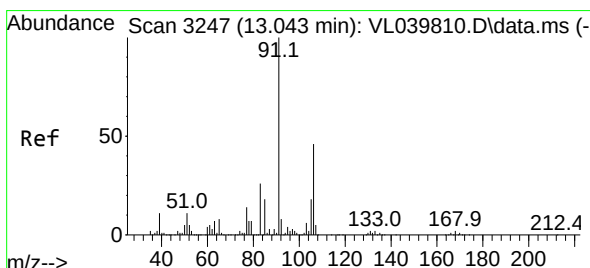
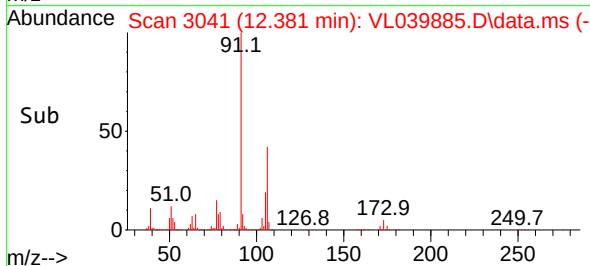
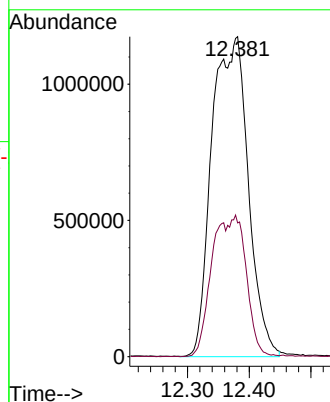
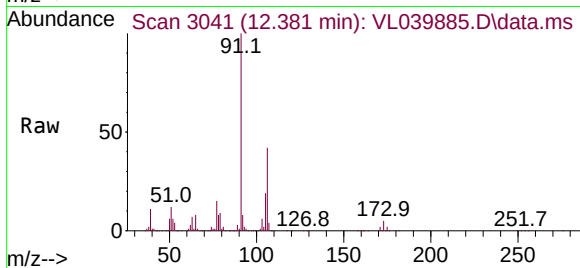
#59
m/p-Xylene
Concen: 21.768 ppbv m
RT: 12.381 min Scan# 3035
Delta R.T. 0.019 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 4810082
Ion Ratio Lower Upper
91 100
106 41.9 37.6 56.4

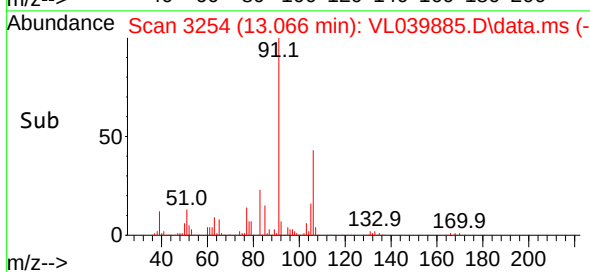
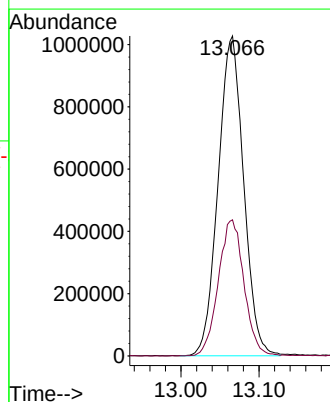
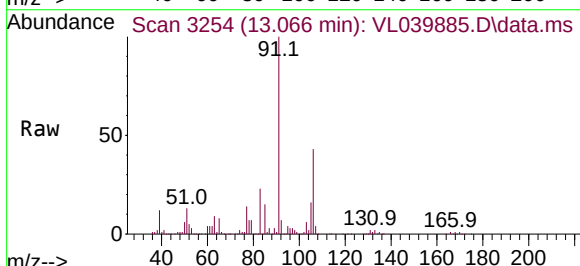
Manual Integrations
APPROVED

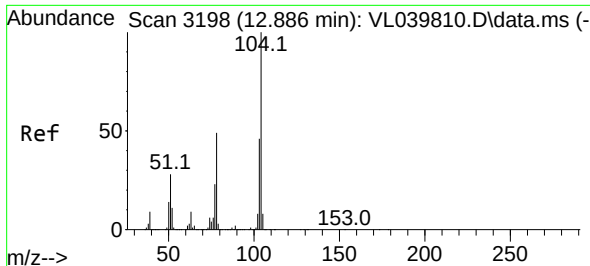
Reviewed By :Krupa Patel 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#60
o-Xylene
Concen: 11.164 ppbv
RT: 13.066 min Scan# 3254
Delta R.T. 0.023 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

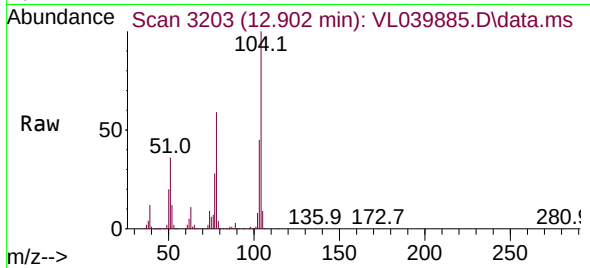
Tgt Ion: 91 Resp: 2337183
Ion Ratio Lower Upper
91 100
106 42.9 23.6 70.8





#61
Styrene
Concen: 10.074 ppbv
RT: 12.902 min Scan# 3198
Delta R.T. 0.016 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

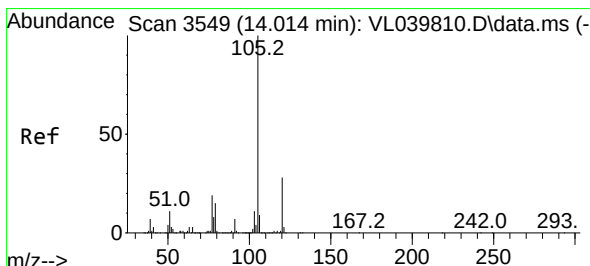
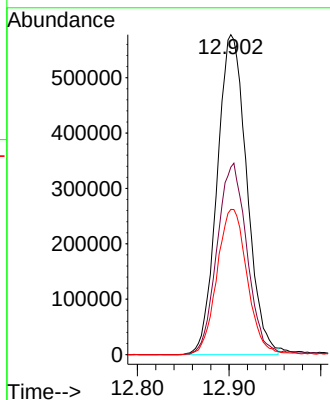
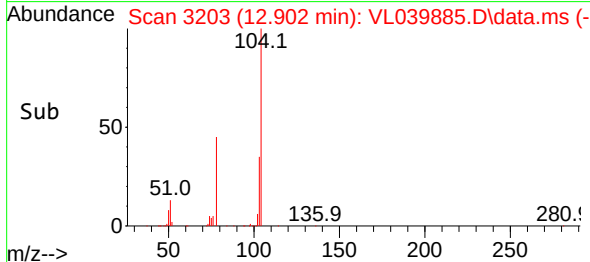
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



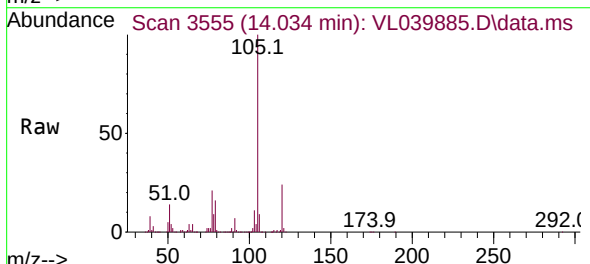
Tgt Ion:104 Resp: 1297717
Ion Ratio Lower Upper
104 100
78 60.6 40.2 60.2
103 46.5 37.5 56.3

Manual Integrations
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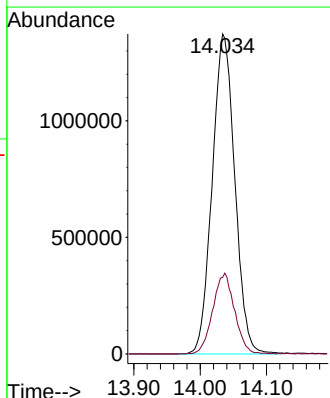
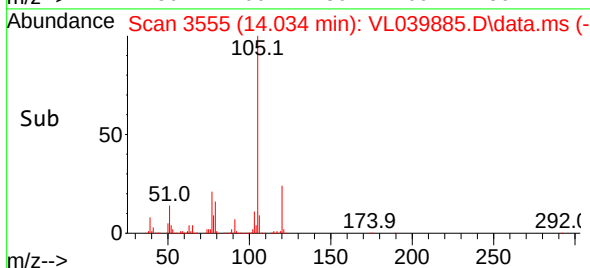
Reviewed By :Krupa Patel 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

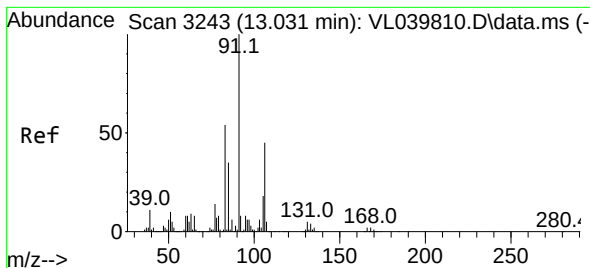


#62
Isopropylbenzene
Concen: 10.608 ppbv
RT: 14.034 min Scan# 3555
Delta R.T. 0.019 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06



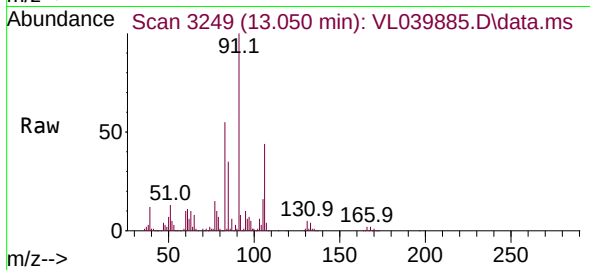
Tgt Ion:105 Resp: 3239540
Ion Ratio Lower Upper
105 100
120 24.4 21.7 32.5





#63
1,1,2,2-Tetrachloroethane
Concen: 10.741 ppbv
RT: 13.050 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

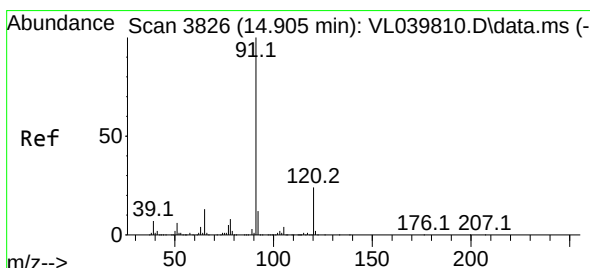
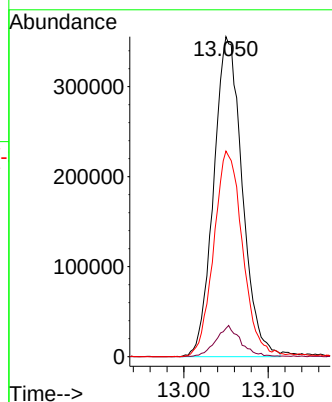
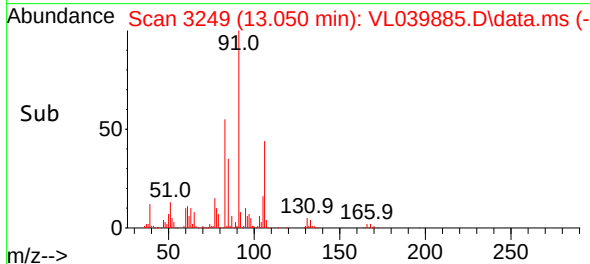
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 83 Resp: 837388
Ion Ratio Lower Upper
83 100
131 8.4 4.6 13.8
85 65.5 33.3 99.9

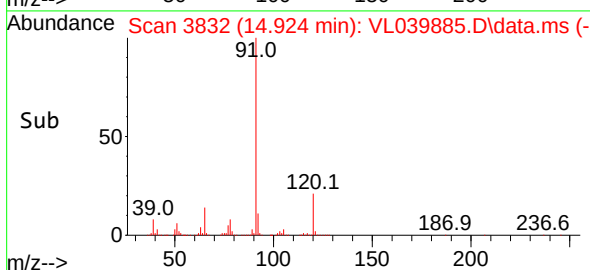
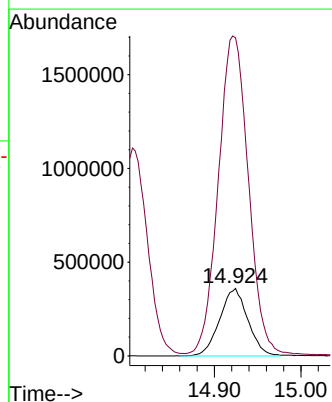
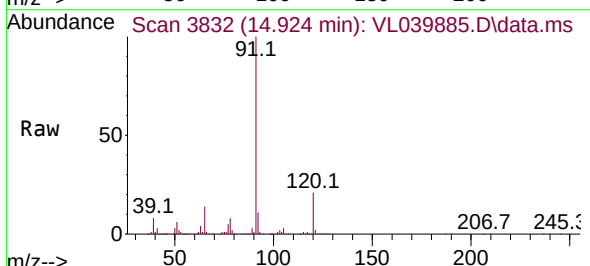
Manual Integrations
APPROVED

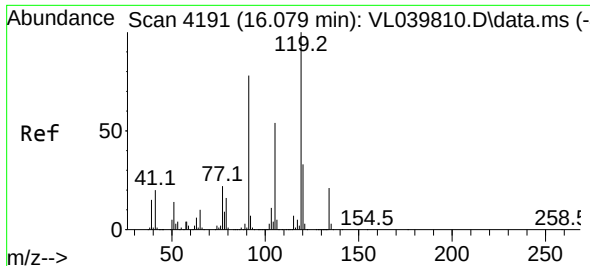
Reviewed By :Krupa Patel 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#64
n-propylbenzene
Concen: 9.918 ppbv
RT: 14.924 min Scan# 3832
Delta R.T. 0.019 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

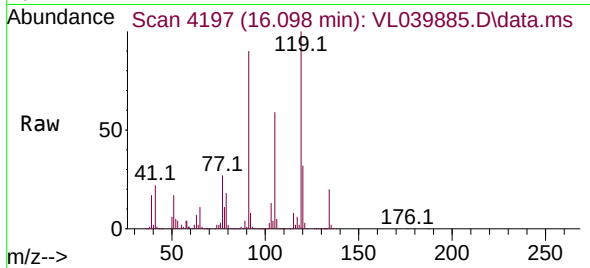
Tgt Ion:120 Resp: 810216
Ion Ratio Lower Upper
120 100
91 511.1 354.9 532.3





#65
tert-Butylbenzene
Concen: 10.506 ppbv
RT: 16.098 min Scan# 4191
Delta R.T. 0.019 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

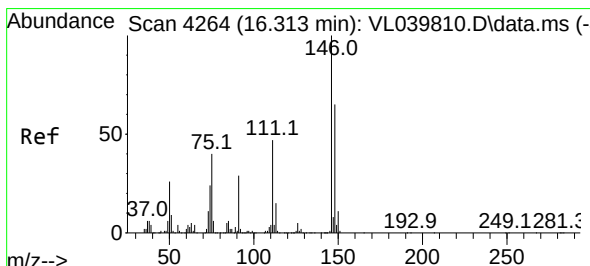
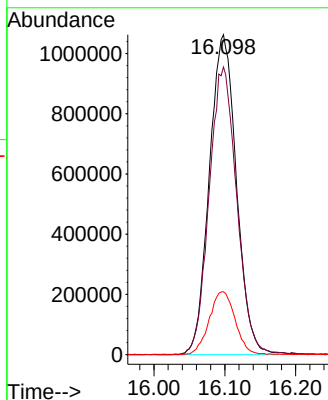
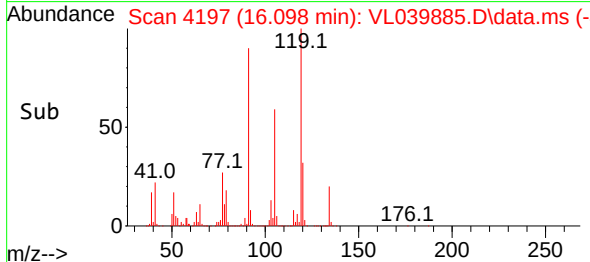
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



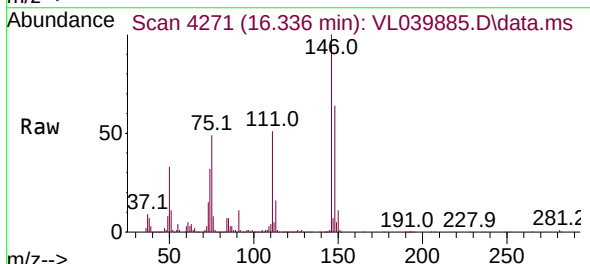
Tgt Ion: 119 Resp: 2817200
Ion Ratio Lower Upper
119 100
91 91.8 63.7 95.5
134 19.0 16.2 24.4

Manual Integrations
APPROVED

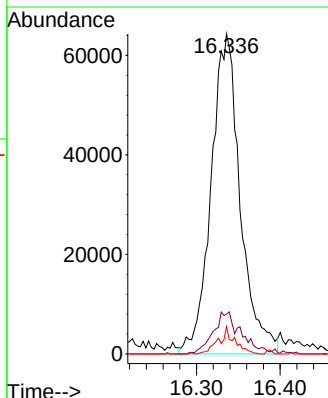
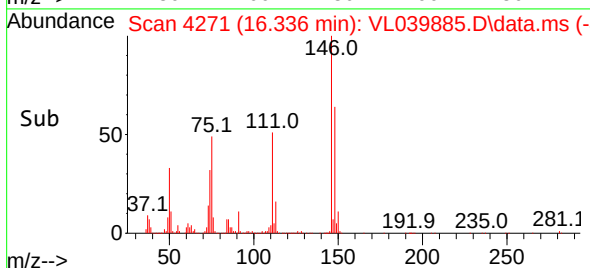
Reviewed By :Krupa Patel 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

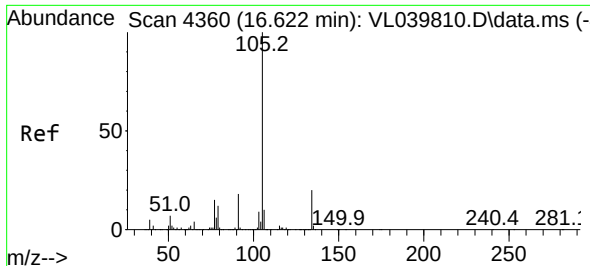


#66
Benzyl Chloride
Concen: 4.998 ppbv m
RT: 16.336 min Scan# 4271
Delta R.T. 0.023 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06



Tgt Ion: 91 Resp: 155822
Ion Ratio Lower Upper
91 100
126 13.0 15.6 23.4#
128 4.6 4.9 7.3#





#67

sec-Butylbenzene

Concen: 11.062 ppbv

RT: 16.645 min Scan# 4360

Delta R.T. 0.023 min

Lab File: VL039885.D

Acq: 11 Nov 2022 11:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 4037763

Ion Ratio Lower Upper

105 100

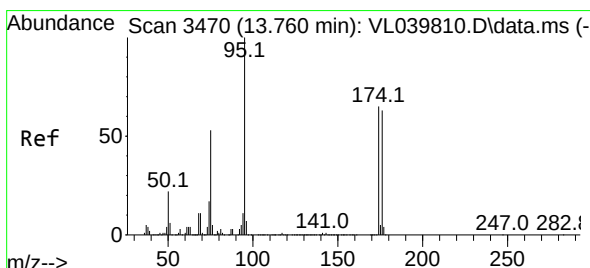
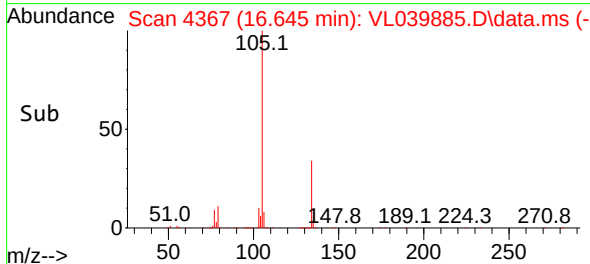
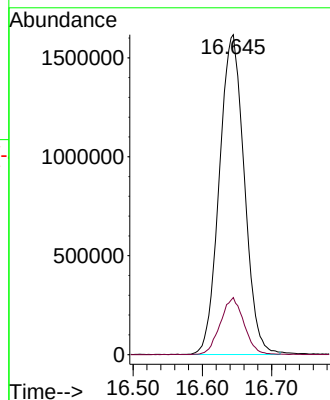
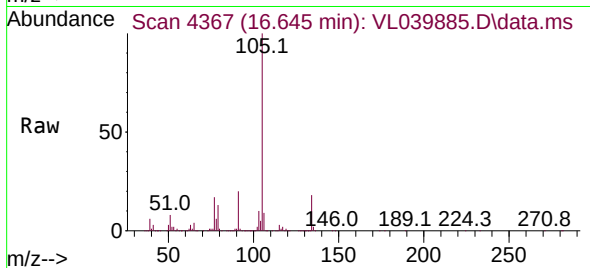
134 17.0 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 11.607 ppbv

RT: 13.780 min Scan# 3476

Delta R.T. 0.019 min

Lab File: VL039885.D

Acq: 11 Nov 2022 11:06

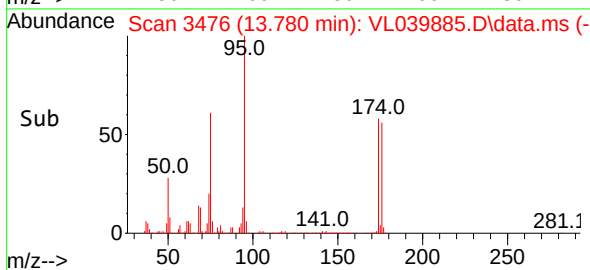
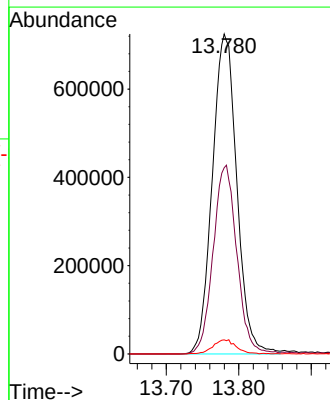
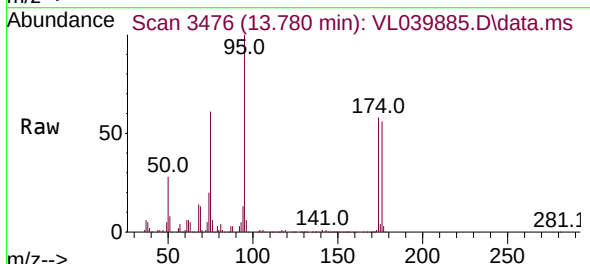
Tgt Ion: 95 Resp: 1700836

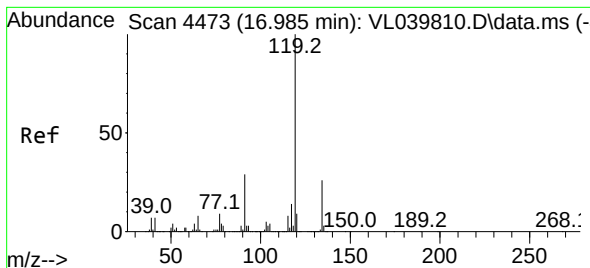
Ion Ratio Lower Upper

95 100

174 57.4 53.4 80.0

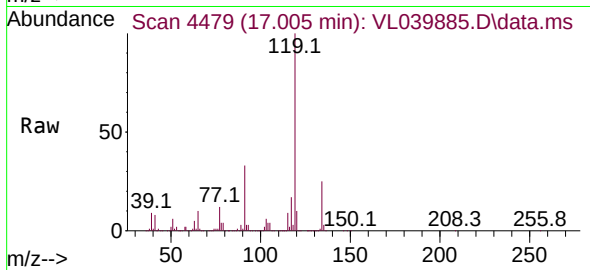
175 4.2 4.1 6.1





#69
p-Isopropyltoluene
Concen: 10.654 ppbv
RT: 17.005 min Scan# 4473
Delta R.T. 0.019 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

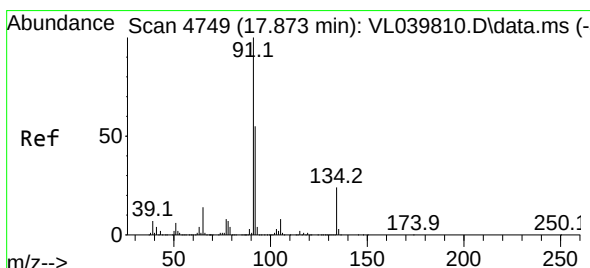
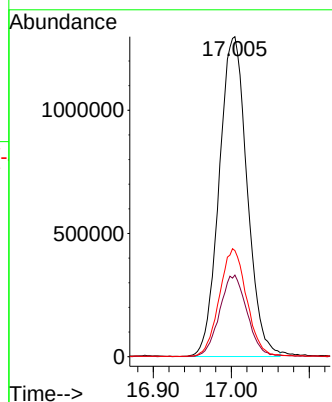
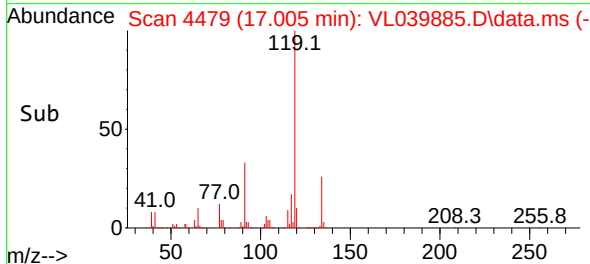
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:119 Resp: 322566
Ion Ratio Lower Upper
119 100
134 25.2 21.0 31.6
91 33.2 22.8 34.2

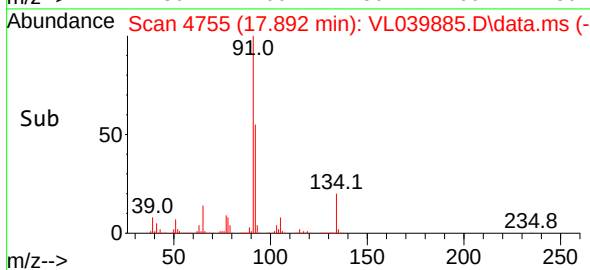
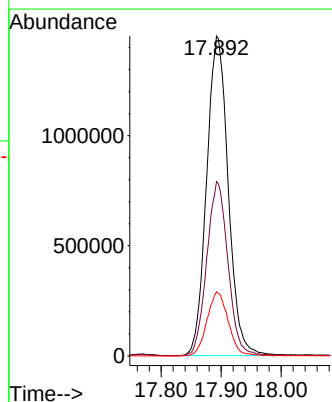
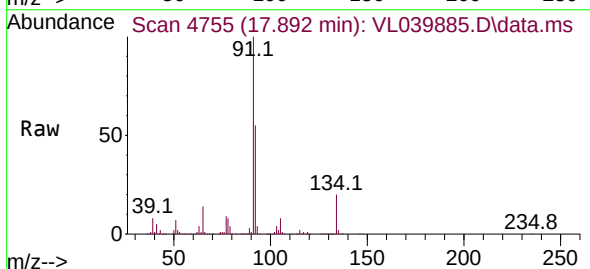
Manual Integrations
APPROVED

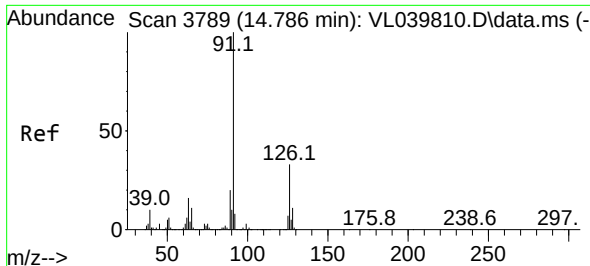
Reviewed By :Krupa Patel 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#70
n-Butylbenzene
Concen: 12.400 ppbv
RT: 17.892 min Scan# 4755
Delta R.T. 0.019 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

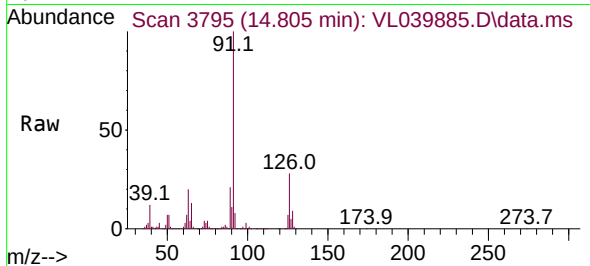
Tgt Ion: 91 Resp: 3629442
Ion Ratio Lower Upper
91 100
92 53.6 44.1 66.1
134 19.8 19.0 28.6





#71
2-Chlorotoluene
Concen: 11.342 ppbv
RT: 14.805 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

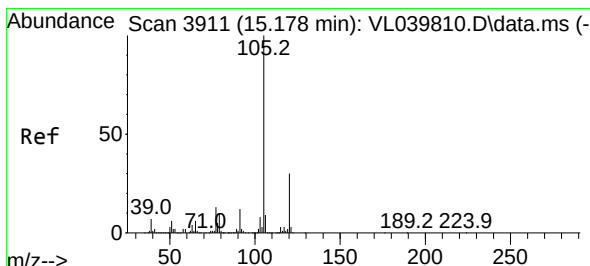
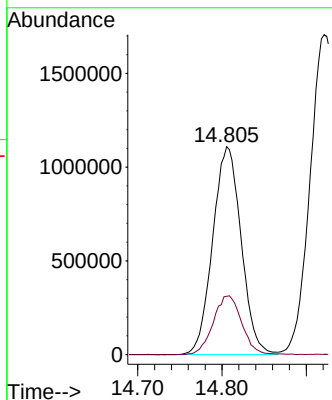
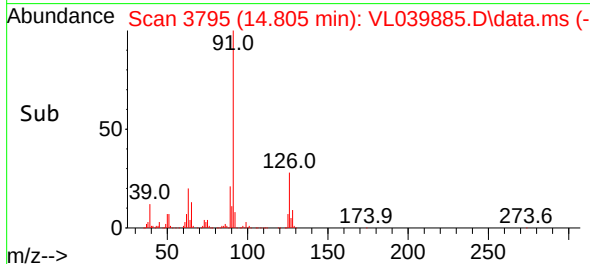
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



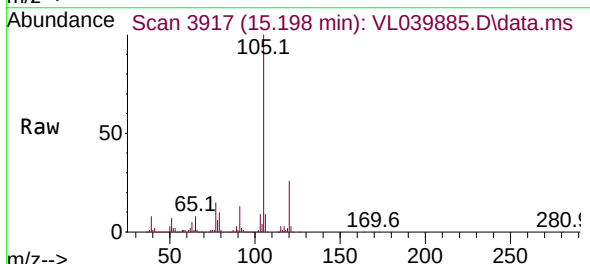
Tgt Ion: 91 Resp: 2602576
Ion Ratio Lower Upper
91 100
126 28.4 12.9 51.5

Manual Integrations
APPROVED

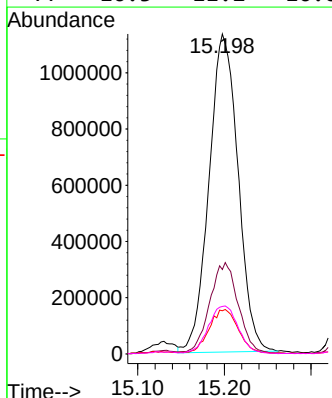
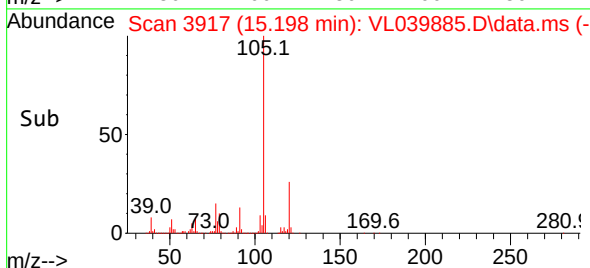
Reviewed By :Krupa Patel 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

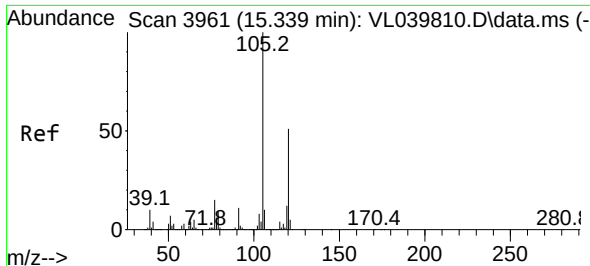


#72
4-Ethyltoluene
Concen: 11.175 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. 0.019 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06



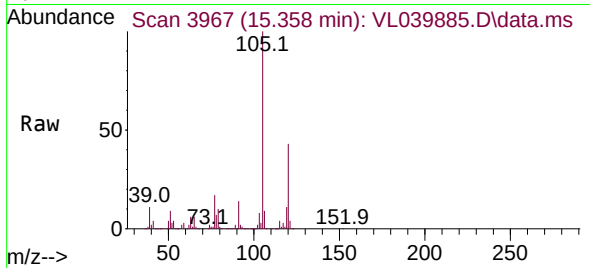
Tgt Ion:105 Resp: 2634296
Ion Ratio Lower Upper
105 100
120 28.3 26.0 39.0
91 14.0 10.5 15.7
77 16.3 11.2 16.8





#73
1,3,5-Trimethylbenzene
Concen: 11.310 ppbv
RT: 15.358 min Scan# 3961
Delta R.T. 0.019 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

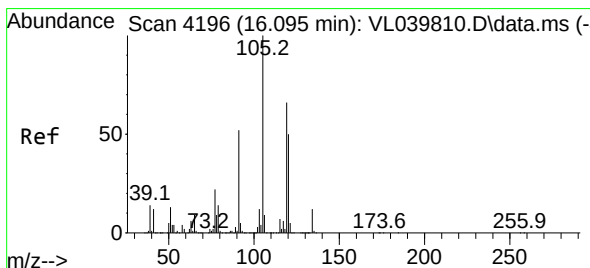
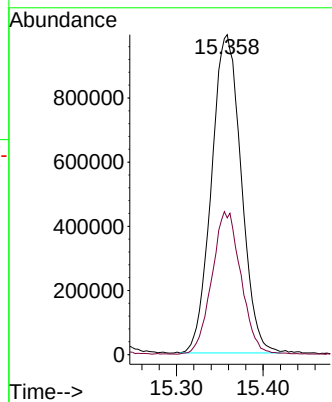
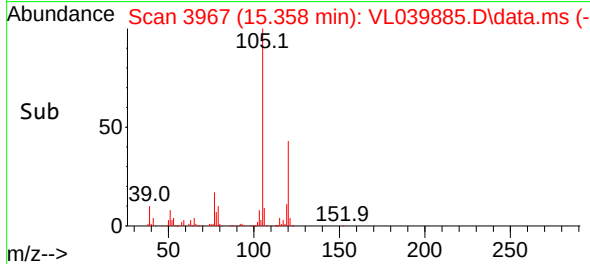
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:105 Resp: 2363458
Ion Ratio Lower Upper
105 100
120 42.7 41.0 61.4

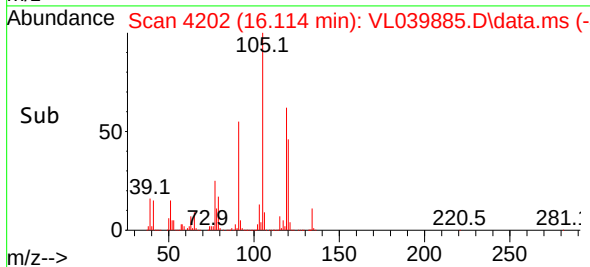
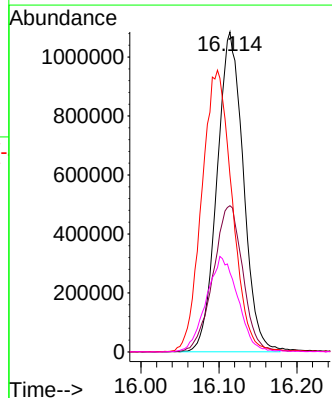
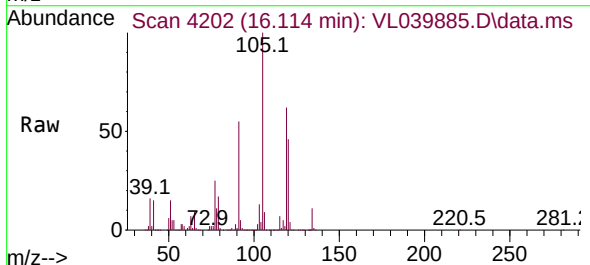
Manual Integrations
APPROVED

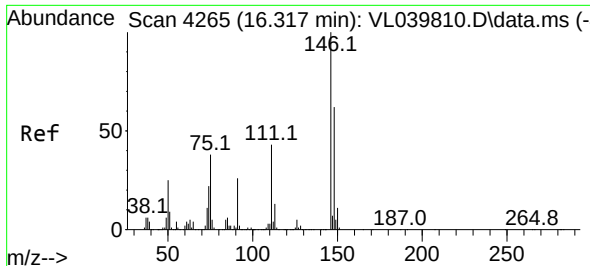
Reviewed By :Krupa Patel 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#74
1,2,4-Trimethylbenzene
Concen: 11.440 ppbv
RT: 16.114 min Scan# 4202
Delta R.T. 0.019 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

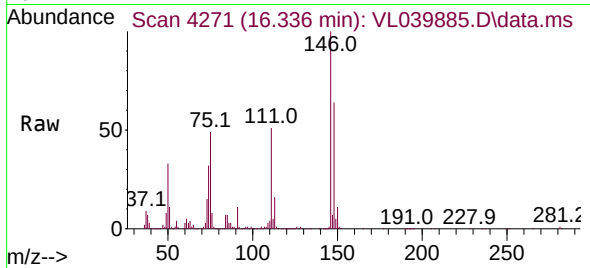
Tgt Ion:105 Resp: 2540060
Ion Ratio Lower Upper
105 100
120 45.4 40.2 60.4
91 54.7 42.6 64.0
77 24.3 17.8 26.8





#75
1,3-Dichlorobenzene
Concen: 10.759 ppbv
RT: 16.336 min Scan# 4314
Delta R.T. 0.019 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

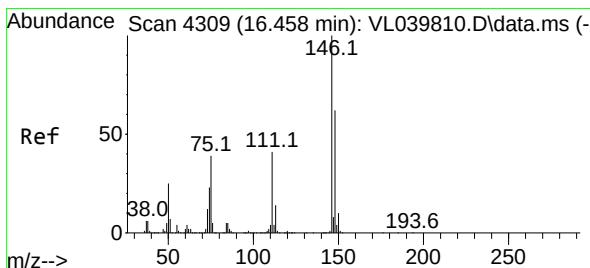
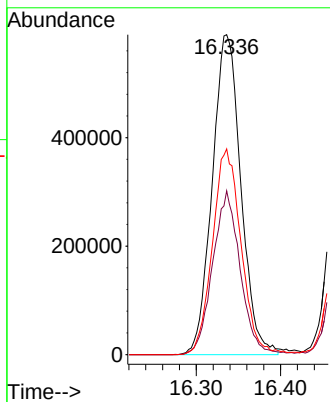
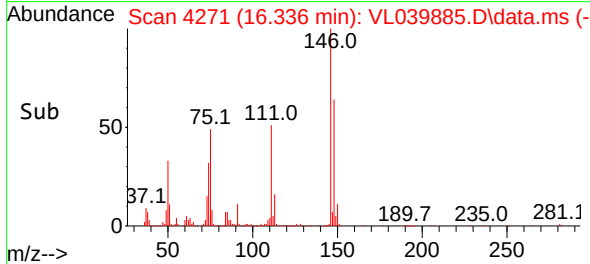
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



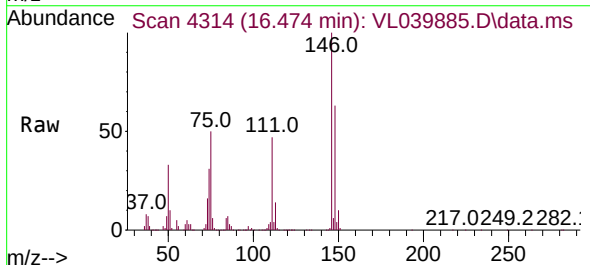
Tgt Ion:146 Resp: 1394854
Ion Ratio Lower Upper
146 100
111 49.2 22.9 68.8
148 64.4 32.3 96.9

Manual Integrations
APPROVED

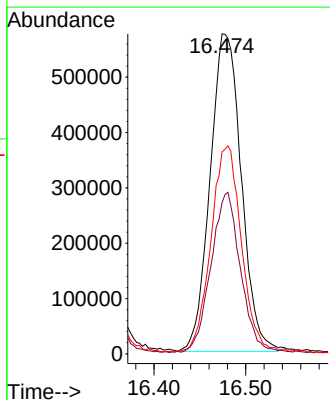
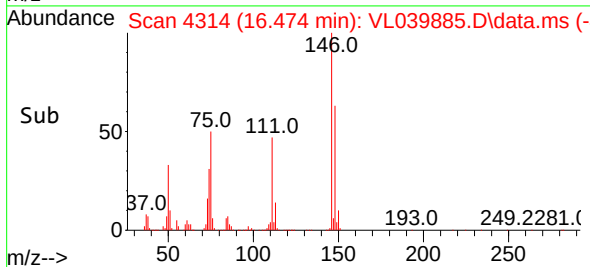
Reviewed By :Krupa Patel 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

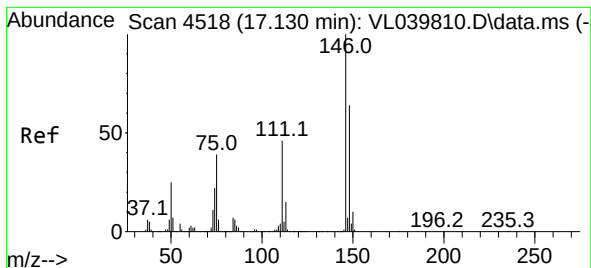


#76
1,4-Dichlorobenzene
Concen: 10.678 ppbv
RT: 16.474 min Scan# 4314
Delta R.T. 0.016 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06



Tgt Ion:146 Resp: 1358400
Ion Ratio Lower Upper
146 100
111 49.4 22.7 68.1
148 65.7 33.1 99.3





#77

1,2-Dichlorobenzene

Concen: 10.943 ppbv

RT: 17.149 min Scan# 4518

Delta R.T. 0.019 min

Lab File: VL039885.D

Acq: 11 Nov 2022 11:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 1337338

Ion Ratio Lower Upper

146 100

111 51.4 23.9 71.8

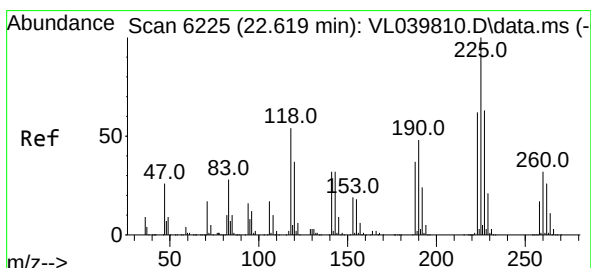
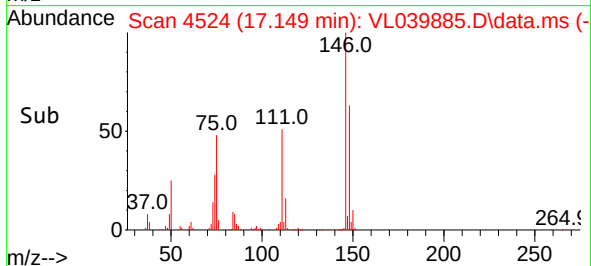
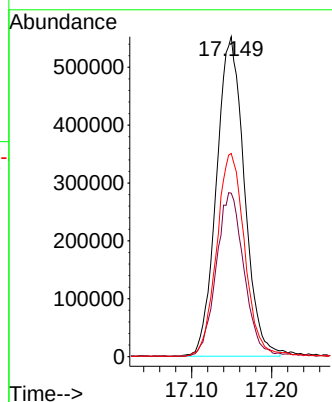
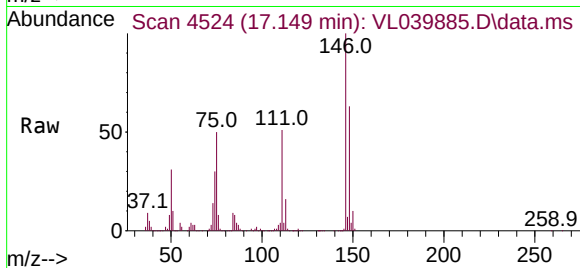
148 64.3 32.4 97.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#78

Hexachloro-1,3-Butadiene

Concen: 9.175 ppbv

RT: 22.641 min Scan# 6232

Delta R.T. 0.023 min

Lab File: VL039885.D

Acq: 11 Nov 2022 11:06

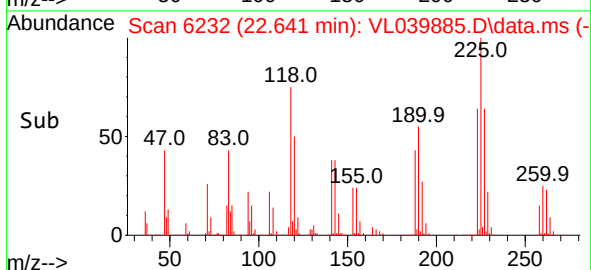
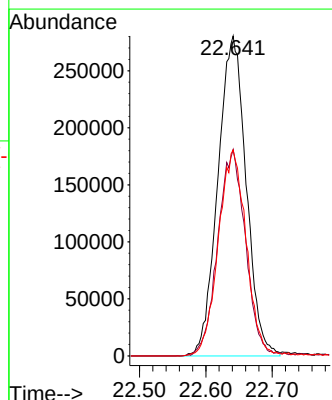
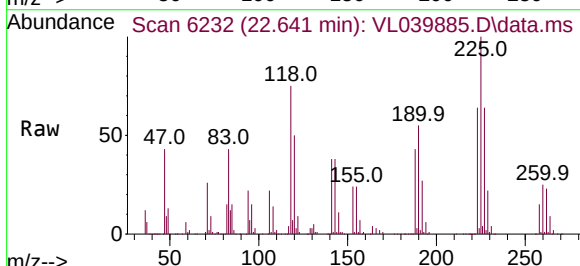
Tgt Ion:225 Resp: 830795

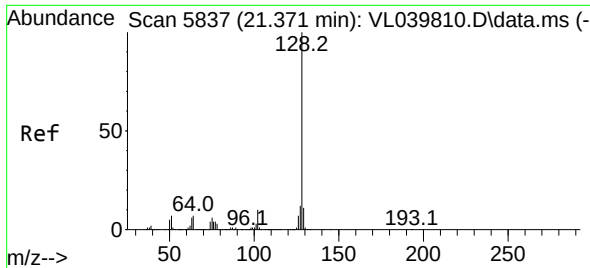
Ion Ratio Lower Upper

225 100

223 63.3 50.6 75.8

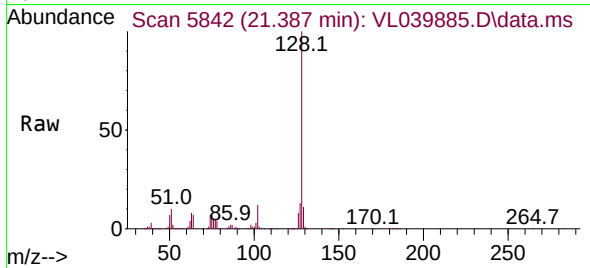
227 63.7 51.6 77.4





#79
Naphthalene
Concen: 10.656 ppbv
RT: 21.387 min Scan# 5837
Delta R.T. 0.016 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06

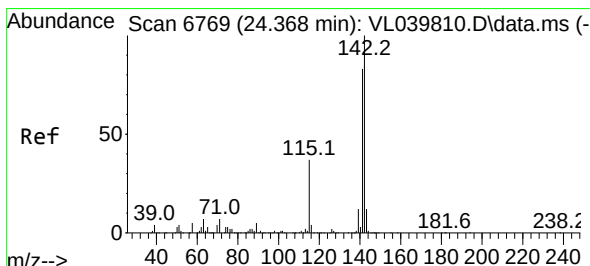
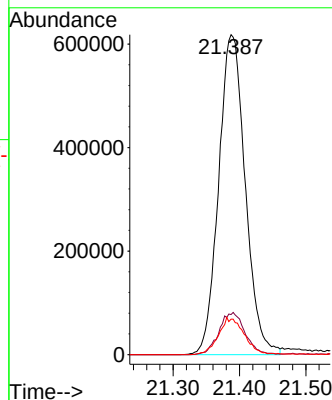
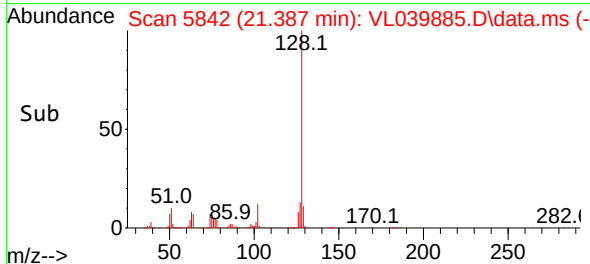
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



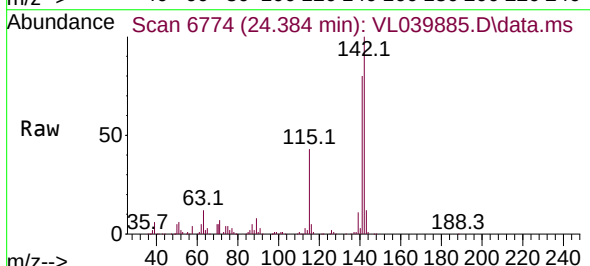
Tgt Ion:128 Resp: 1720112
Ion Ratio Lower Upper
128 100
127 12.5 9.8 14.6
129 11.1 8.6 13.0

Manual Integrations
APPROVED

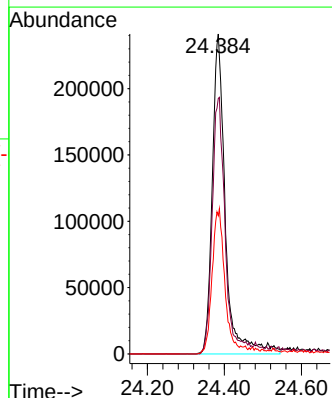
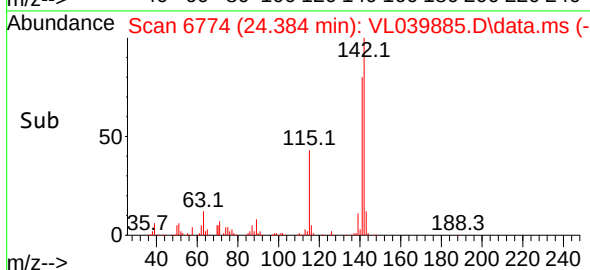
Reviewed By :Krupa Patel 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

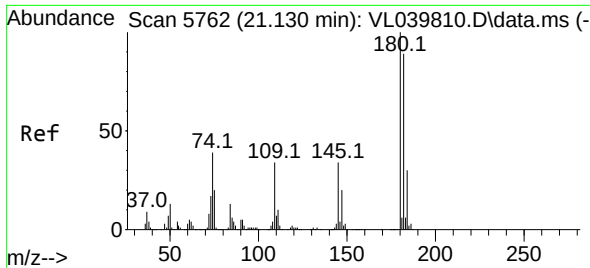


#80
Naphthalene,2-methyl-
Concen: 8.300 ppbv
RT: 24.384 min Scan# 6774
Delta R.T. 0.016 min
Lab File: VL039885.D
Acq: 11 Nov 2022 11:06



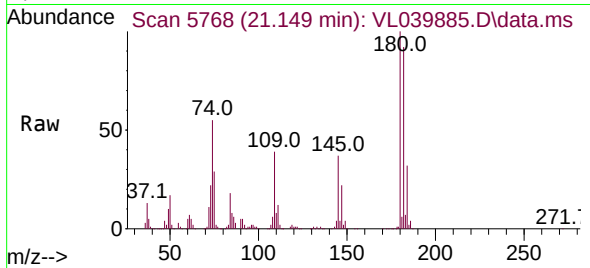
Tgt Ion:142 Resp: 568047
Ion Ratio Lower Upper
142 100
141 83.9 65.1 97.7
115 45.4 29.1 43.7#





#81
 1,2,4-Trichlorobenzene
 Concen: 10.306 ppbv
 RT: 21.149 min Scan# 51
 Delta R.T. 0.019 min
 Lab File: VL039885.D
 Acq: 11 Nov 2022 11:06

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 930632
 Ion Ratio Lower Upper
 180 100
 182 95.9 78.1 117.1
 184 30.5 24.5 36.7

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022

