

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062223\
 Data File : VL040486.D
 Acq On : 22 Jun 2023 15:01
 Operator : SY/MD
 Sample : VL0622ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0622ABS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/27/2023
 Supervised By :Mahesh Dadoda 06/27/2023

Quant Time: Jun 23 01:30:49 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M

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

QLast Update : Tue Jun 06 06:22:12 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	988173	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2506450	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.455	117	2490514m	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.764 95 1942906 9.452 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 94.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.725	85	2039500	9.483	ppbv	100
3) Chlorodifluoromethane	2.671	51	1531459	9.462	ppbv	98
4) Chloromethane	2.809	50	592370	9.455	ppbv	98
5) Vinyl Chloride	2.915	62	635773	10.168	ppbv	98
6) Bromomethane	3.115	94	325028	10.042	ppbv	97
7) Chloroethane	3.192	64	231784	9.926	ppbv	100
8) Dichlorotetrafluoroethane	2.854	85	1563568	9.206	ppbv	96
9) Propene	2.693	41	458341	9.183	ppbv	98
10) Heptane	7.568	43	1219382	10.794	ppbv	100
11) Trichlorofluoromethane	3.555	101	1673964	9.558	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.057	101	1223618	10.002	ppbv	99
13) Ethanol	3.234	45	110661	10.707	ppbv	99
14) Bromoethene	3.359	108	499398	9.760	ppbv	100
15) Acetone	3.462	43	1072108	8.995	ppbv	97
16) 1,3-Butadiene	2.980	39	589183	10.156	ppbv	98
17) tert-Butyl alcohol	3.867	59	966782	9.867	ppbv	99
18) 1,1-Dichloroethene	3.873	96	548335	10.059	ppbv	99
19) Isopropyl Alcohol	3.565	45	584375	10.172	ppbv	99
20) Methylene Chloride	3.925	84	459704	9.037	ppbv	96
21) Allyl Chloride	3.989	41	691286	10.268	ppbv	99
22) trans-1,2-Dichloroethene	4.436	96	567530	10.148	ppbv	97
23) Vinyl Acetate	4.616	43	1176445	10.106	ppbv	99
24) 1,1-Dichloroethane	4.555	63	1162035	9.951	ppbv	99
25) Ethyl Acetate	5.192	43	2075919	9.612	ppbv	99
26) Hexane	5.201	57	948235	9.272	ppbv	99
27) Carbon Disulfide	4.115	76	1383716	10.818	ppbv	99
28) Methyl tert-Butyl Ether	4.574	73	797344	10.127	ppbv	99
29) Chloroform	5.266	83	1690385	9.703	ppbv	99
30) Cyclohexane	6.590	84	797172	9.673	ppbv	98
31) cis-1,2-Dichloroethene	5.069	61	999334	10.214	ppbv	98
32) 1,1,1-Trichloroethane	5.992	97	1707090	9.927	ppbv	99
34) 2-Butanone	4.774	43	1142738	9.455	ppbv	98
35) Carbon Tetrachloride	6.481	117	1764276	10.329	ppbv	96
36) Benzene	6.359	78	2015670	10.110	ppbv	99
37) 1,2-Dichloroethane	5.796	62	1286045	9.901	ppbv	99
38) Trichloroethene	7.278	130	833331	11.032	ppbv	99
39) 1,2-Dichloropropane	7.063	63	779896	10.147	ppbv	95
40) 1,4-Dioxane	7.275	88	211003	9.693	ppbv #	100
41) Tetrahydrofuran	5.545	42	696052	10.536	ppbv	98
42) Bromodichloromethane	7.237	83	1816278	10.155	ppbv	100
43) Methyl Methacrylate	7.462	69	799878	11.168	ppbv	99
44) 2,2,4-Trimethylpentane	7.314	57	3338303	10.246	ppbv	100
45) t-1,3-Dichloropropene	8.700	75	626981	11.856	ppbv	98

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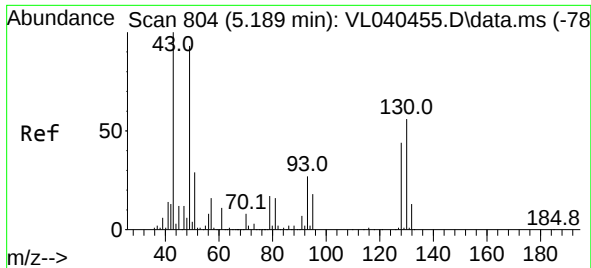
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Tue Jun 06 06:22:12 2023

Response via : Initial Calibration

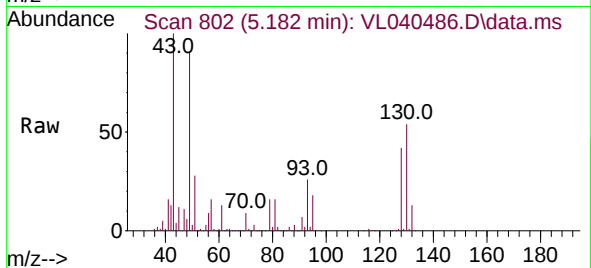
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.130	75	748086	11.604	ppbv	99
47) 1,1,2-Trichloroethane	8.883	97	857714	10.154	ppbv	96
48) Dibromochloromethane	9.696	129	1447241	10.717	ppbv	99
49) Bromoform	12.394	173	1115010	10.913	ppbv	100
50) 4-Methyl-2-Pentanone	8.169	43	1756652	10.851	ppbv	100
51) 2-Hexanone	9.536	43	1220765	10.863	ppbv #	97
52) Tetrachloroethene	10.603	164	708110	11.312	ppbv	94
53) Toluene	9.208	91	2344420	11.165	ppbv	99
54) 1,2-Dibromoethane	9.995	107	1247178	11.263	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.497	131	1094655	9.352	ppbv	97
57) Chlorobenzene	11.513	112	1806891	9.599	ppbv	97
58) Ethyl Benzene	12.076	91	3248662	10.766	ppbv	98
59) m/p-Xylene	12.359	91	5650058m	20.374	ppbv	
60) o-Xylene	13.043	91	2701200	10.269	ppbv	100
61) Styrene	12.886	104	1350059	11.926	ppbv	99
62) Isopropylbenzene	14.014	105	3927070	10.043	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.034	83	1683375	9.883	ppbv	99
64) n-propylbenzene	14.902	120	1011996	10.194	ppbv	97
65) tert-Butylbenzene	16.075	119	3396293	10.124	ppbv	99
66) Benzyl Chloride	16.313	91	261385	10.111	ppbv	98
67) sec-Butylbenzene	16.622	105	4909321	10.036	ppbv	100
69) p-Isopropyltoluene	16.982	119	4009710	10.315	ppbv	100
70) n-Butylbenzene	17.870	91	4432530	10.215	ppbv	100
71) 2-Chlorotoluene	14.786	91	3052659	10.514	ppbv	99
72) 4-Ethyltoluene	15.178	105	3182155	10.741	ppbv	99
73) 1,3,5-Trimethylbenzene	15.336	105	2744309	10.480	ppbv	99
74) 1,2,4-Trimethylbenzene	16.095	105	3100007	10.063	ppbv	98
75) 1,3-Dichlorobenzene	16.317	146	1719881	9.953	ppbv	100
76) 1,4-Dichlorobenzene	16.461	146	1705974	10.153	ppbv	99
77) 1,2-Dichlorobenzene	17.127	146	1613779	9.886	ppbv	99
78) Hexachloro-1,3-Butadiene	22.619	225	1149510	9.130	ppbv	99
79) Naphthalene	21.368	128	2259901	12.737	ppbv	98
80) Naphthalene,2-methyl-	24.361	142	667375	12.535	ppbv	97
81) 1,2,4-Trichlorobenzene	21.123	180	1296795	11.799	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.007 min
Lab File: VL040486.D
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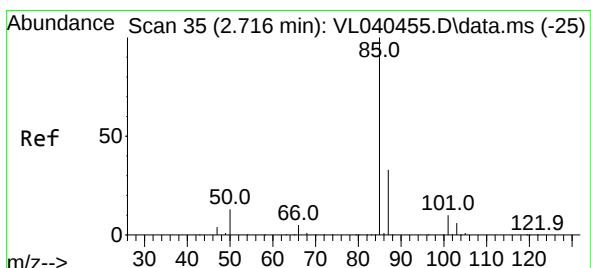
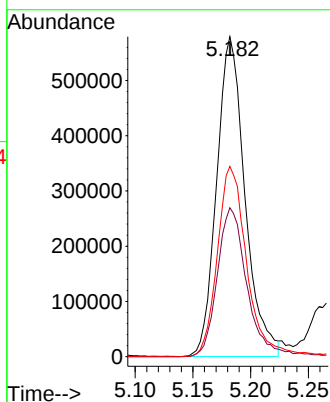
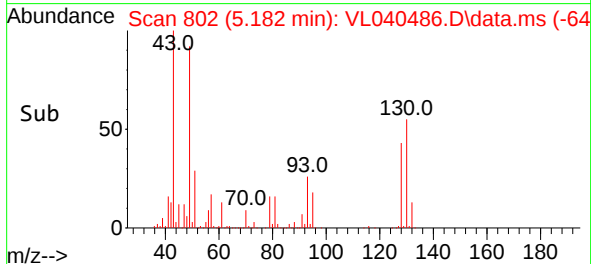
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01



Tgt Ion: 49 Resp: 98817
Ion Ratio Lower Upper
49 100
128 49.7 24.7 74.1
130 63.2 31.4 94.2

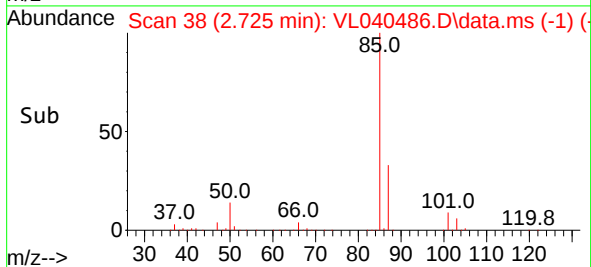
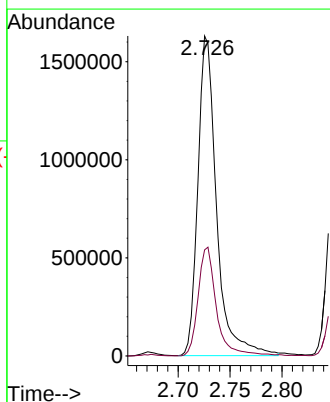
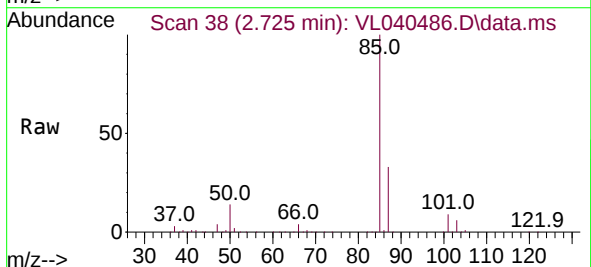
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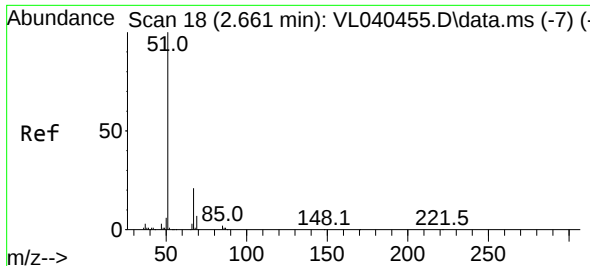
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#2
Dichlorodifluoromethane
Concen: 9.483 ppbv
RT: 2.725 min Scan# 38
Delta R.T. 0.009 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

Tgt Ion: 85 Resp: 2039500
Ion Ratio Lower Upper
85 100
87 33.1 26.6 39.8





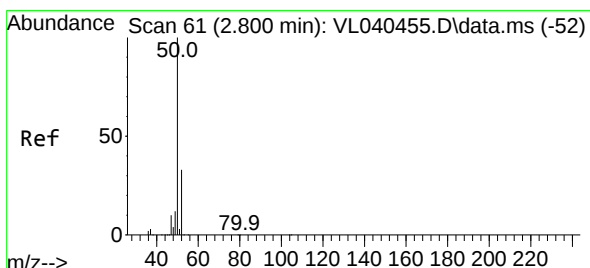
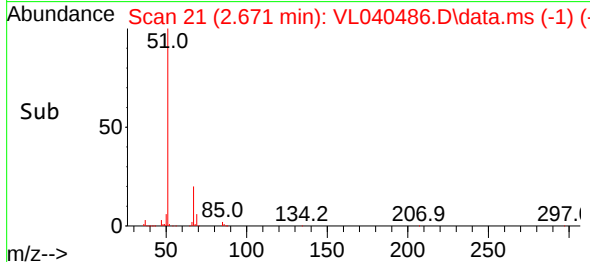
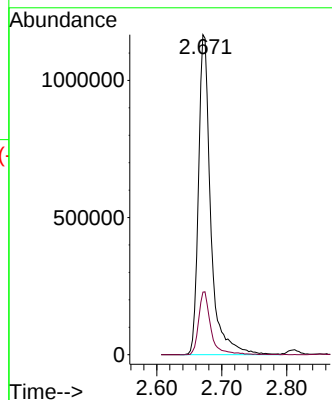
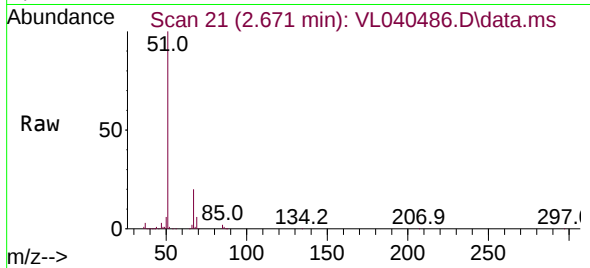
#3
Chlorodifluoromethane
Concen: 9.462 ppbv
RT: 2.671 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01

Tgt Ion: 51 Resp: 1531459
Ion Ratio Lower Upper
51 100
67 19.7 16.3 24.5

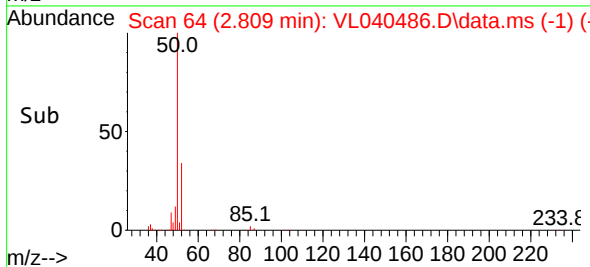
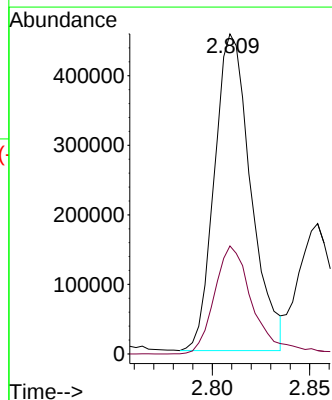
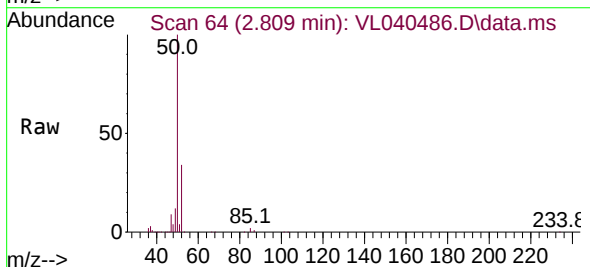
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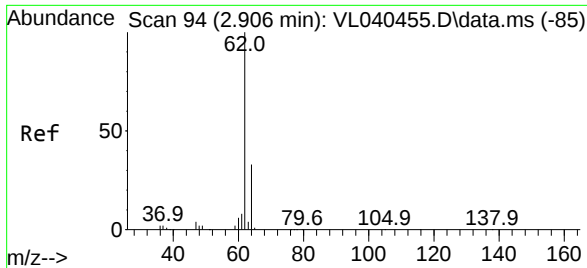
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#4
Chloromethane
Concen: 9.455 ppbv
RT: 2.809 min Scan# 64
Delta R.T. 0.010 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

Tgt Ion: 50 Resp: 592370
Ion Ratio Lower Upper
50 100
52 34.0 26.3 39.5





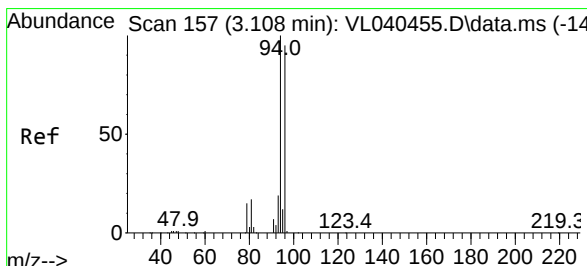
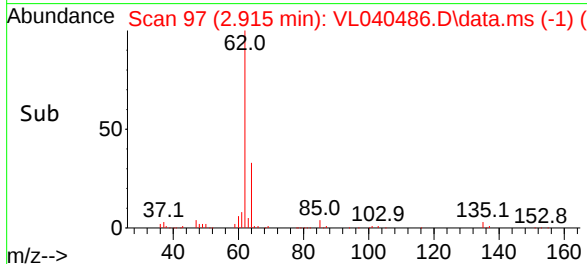
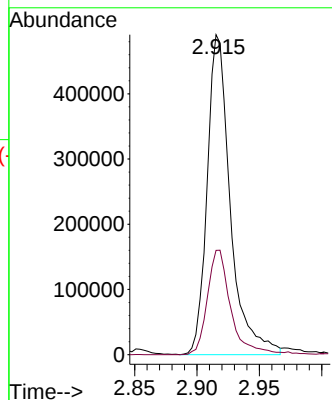
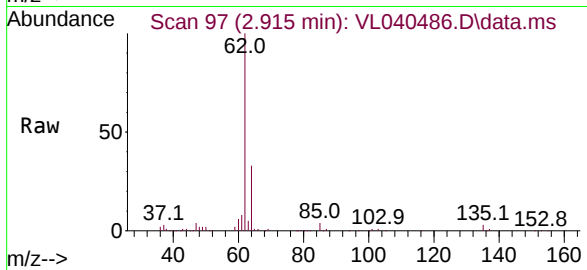
#5
 Vinyl Chloride
 Concen: 10.168 ppbv
 RT: 2.915 min Scan# 91
 Delta R.T. 0.010 min
 Lab File: VL040486.D
 Acq: 22 Jun 2023 15:01

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0622ABS01

Tgt Ion: 62 Resp: 63577
 Ion Ratio Lower Upper
 62 100
 64 32.6 26.8 40.2

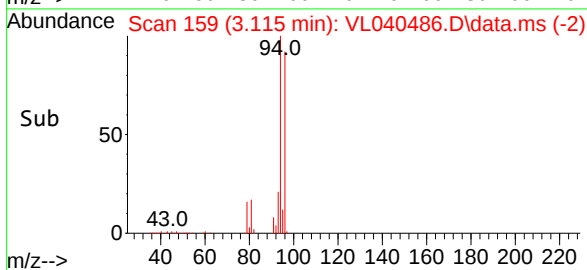
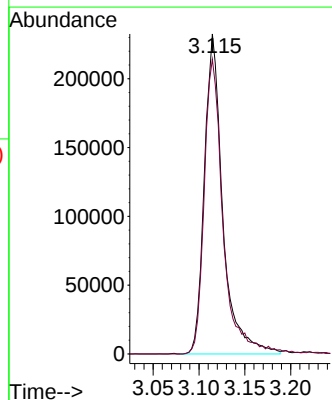
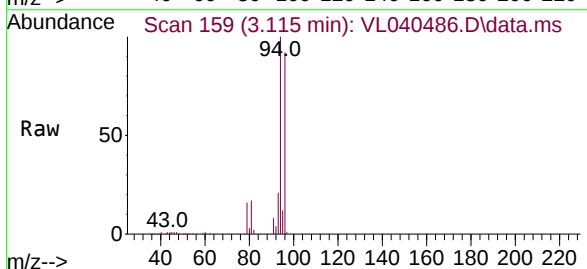
Manual Integrations
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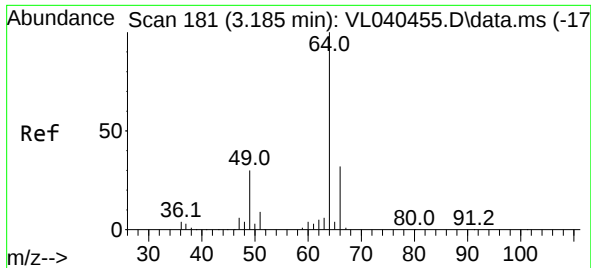
Reviewed By :Krupa Patel 06/27/2023
 Supervised By :Mahesh Dadoda 06/27/2023



#6
 Bromomethane
 Concen: 10.042 ppbv
 RT: 3.115 min Scan# 159
 Delta R.T. 0.006 min
 Lab File: VL040486.D
 Acq: 22 Jun 2023 15:01

Tgt Ion: 94 Resp: 325028
 Ion Ratio Lower Upper
 94 100
 96 92.1 75.8 113.8





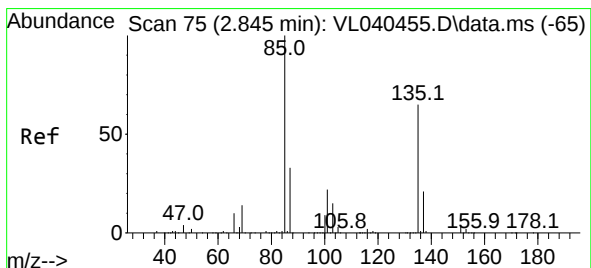
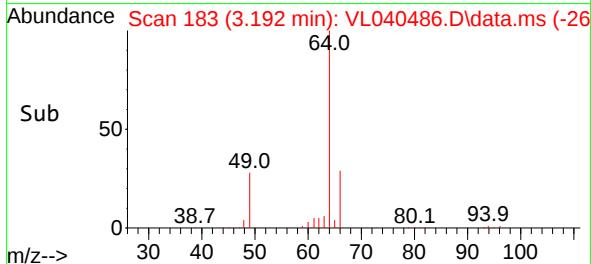
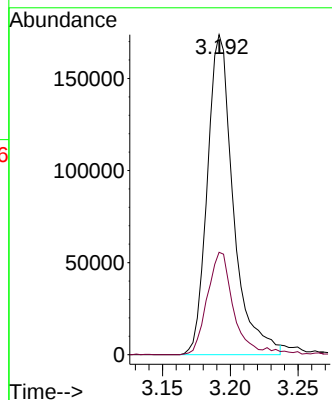
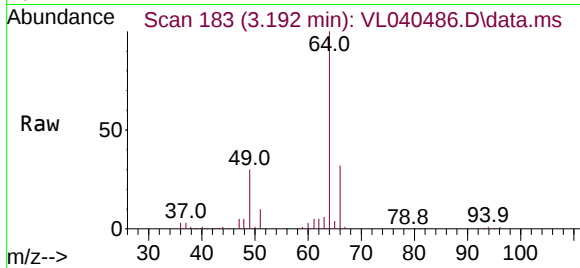
#7
Chloroethane
Concen: 9.926 ppbv
RT: 3.192 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01

Tgt Ion: 64 Resp: 231784
Ion Ratio Lower Upper
64 100
66 32.0 25.6 38.4

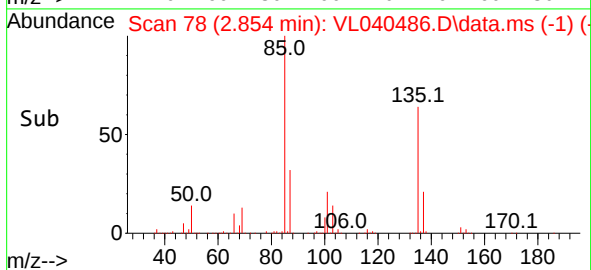
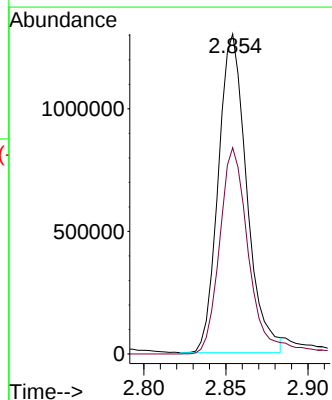
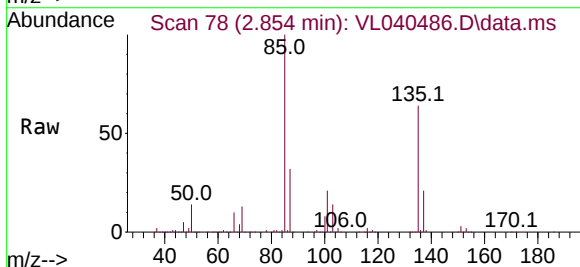
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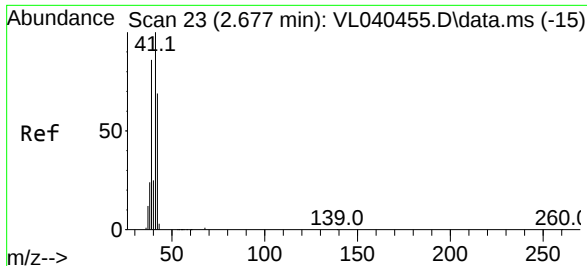
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#8
Dichlorotetrafluoroethane
Concen: 9.206 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.010 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

Tgt Ion: 85 Resp: 1563568
Ion Ratio Lower Upper
85 100
135 68.3 52.0 78.0





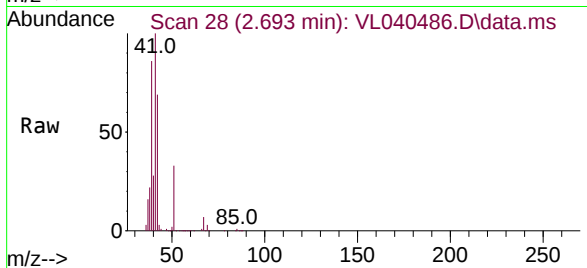
#9
 Propene
 Concen: 9.183 ppbv
 RT: 2.693 min Scan# 21
 Delta R.T. 0.016 min
 Lab File: VL040486.D
 Acq: 22 Jun 2023 15:01

Instrument :

MSVOA_L

ClientSampleId :

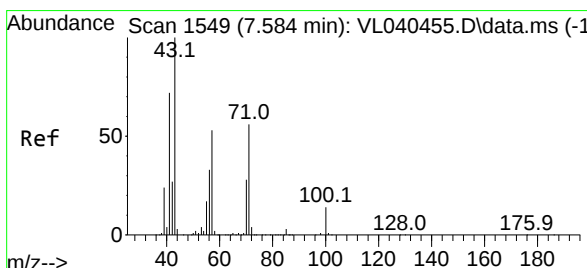
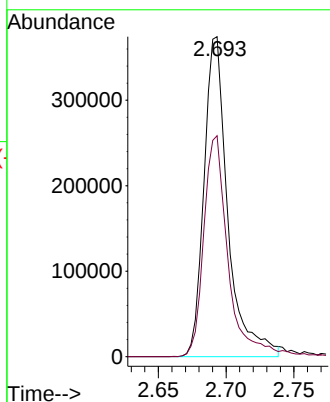
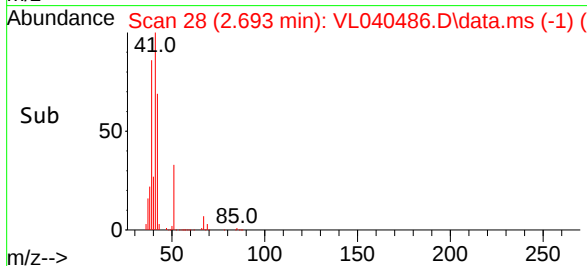
VL0622ABS01



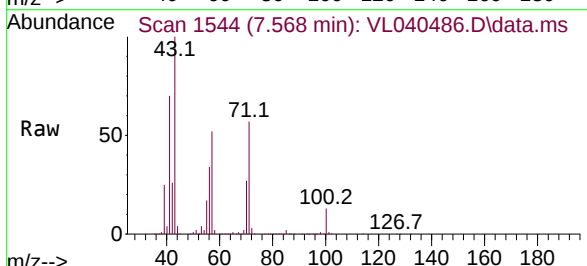
Tgt Ion: 41 Resp: 45834
 Ion Ratio Lower Upper
 41 100
 42 71.5 56.2 84.2

Manual Integrations
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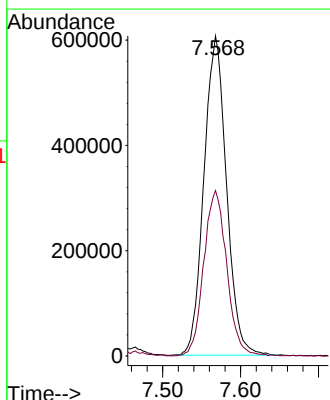
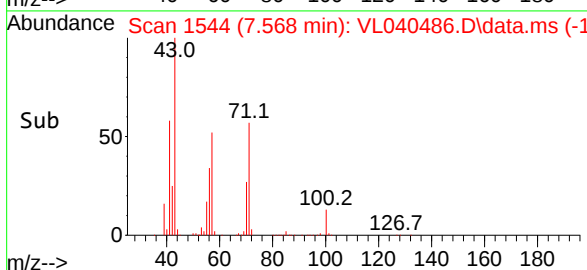
Reviewed By :Krupa Patel 06/27/2023
 Supervised By :Mahesh Dadoda 06/27/2023

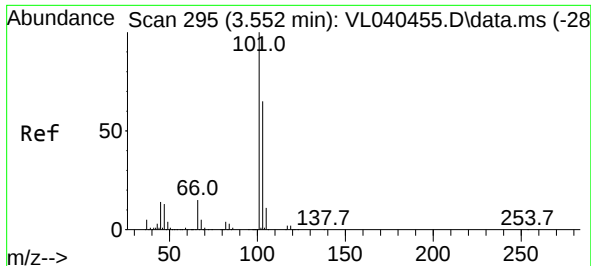


#10
 Heptane
 Concen: 10.794 ppbv
 RT: 7.568 min Scan# 1544
 Delta R.T. -0.016 min
 Lab File: VL040486.D
 Acq: 22 Jun 2023 15:01



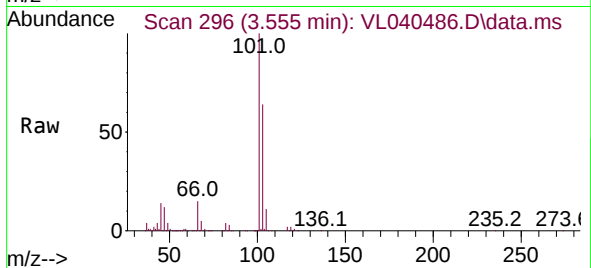
Tgt Ion: 43 Resp: 1219382
 Ion Ratio Lower Upper
 43 100
 57 53.1 42.5 63.7





#11
 Trichlorofluoromethane
 Concen: 9.558 ppbv
 RT: 3.555 min Scan# 295
 Delta R.T. 0.003 min
 Lab File: VL040486.D
 Acq: 22 Jun 2023 15:01

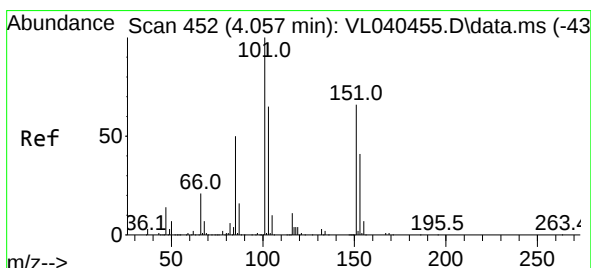
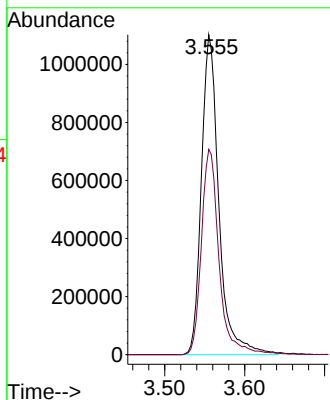
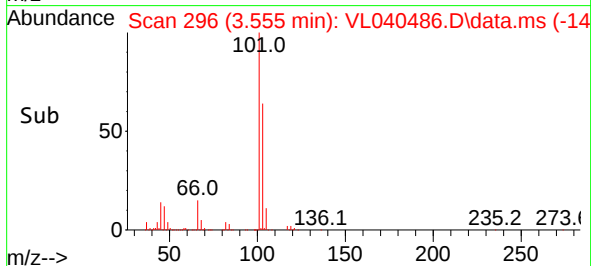
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0622ABS01



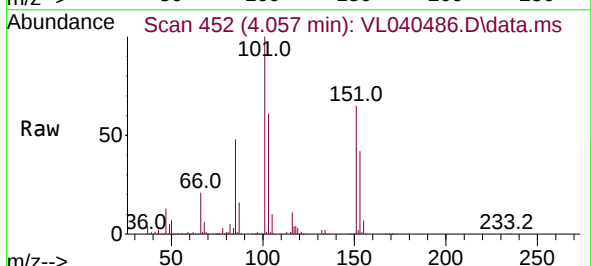
Tgt Ion:101 Resp: 1673964
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.7 77.5

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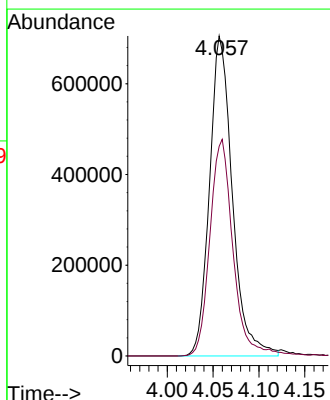
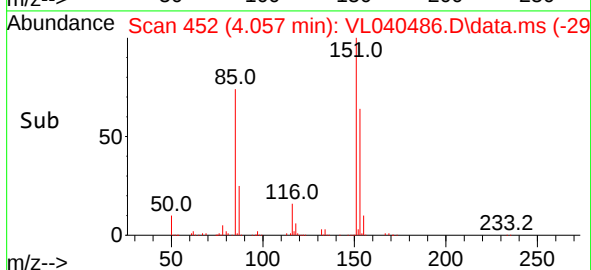
Reviewed By :Krupa Patel 06/27/2023
 Supervised By :Mahesh Dadoda 06/27/2023

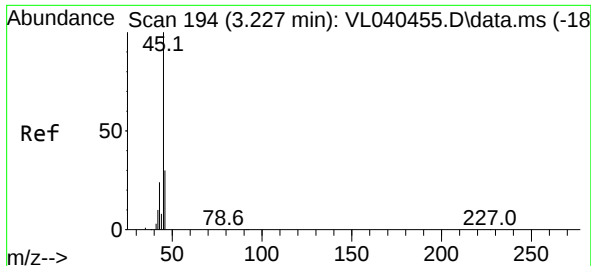


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.002 ppbv
 RT: 4.057 min Scan# 452
 Delta R.T. -0.000 min
 Lab File: VL040486.D
 Acq: 22 Jun 2023 15:01



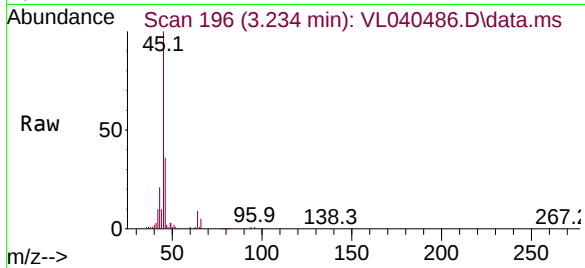
Tgt Ion:101 Resp: 1223618
 Ion Ratio Lower Upper
 101 100
 151 69.0 54.3 81.5





#13
Ethanol
Concen: 10.707 ppbv
RT: 3.234 min Scan# 194
Delta R.T. 0.006 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

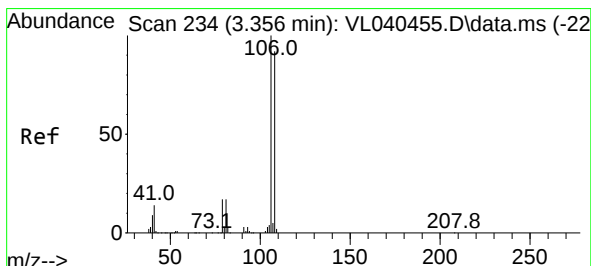
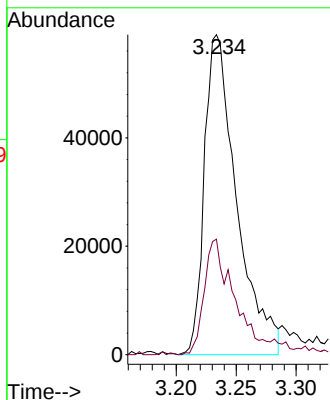
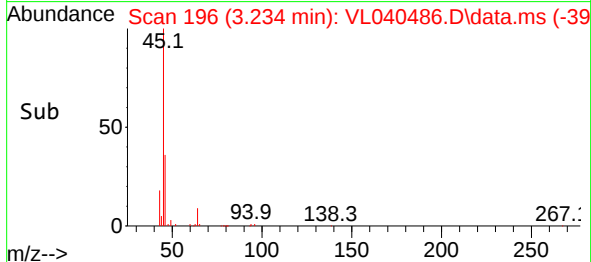
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01



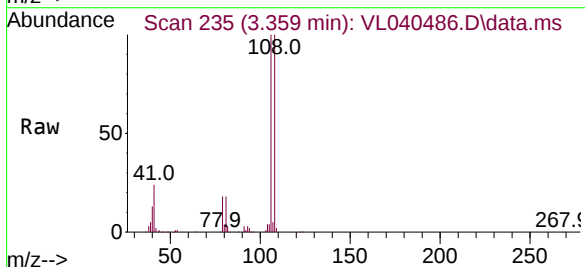
Tgt Ion: 45 Resp: 11066
Ion Ratio Lower Upper
45 100
46 37.2 14.5 58.1

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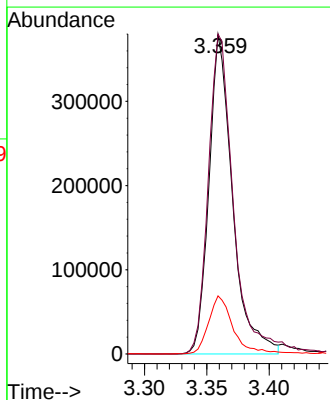
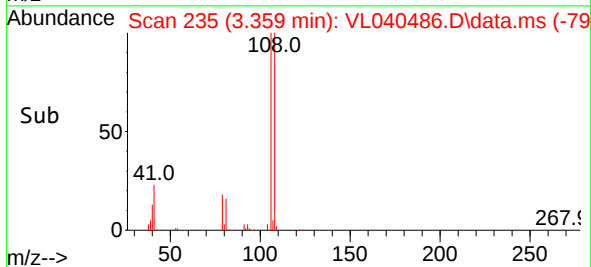
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

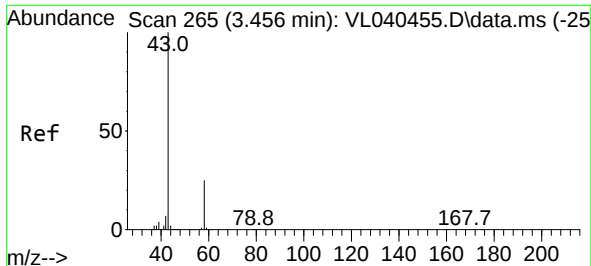


#14
Bromoethene
Concen: 9.760 ppbv
RT: 3.359 min Scan# 235
Delta R.T. 0.003 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01



Tgt Ion:108 Resp: 499398
Ion Ratio Lower Upper
108 100
106 108.9 87.4 131.0
79 19.7 15.9 23.9





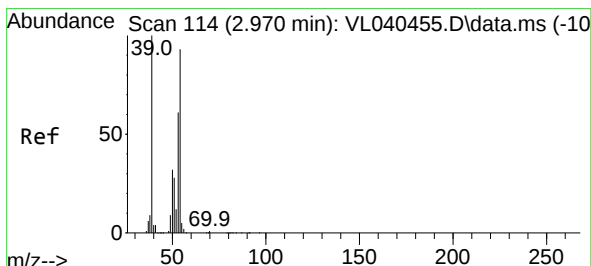
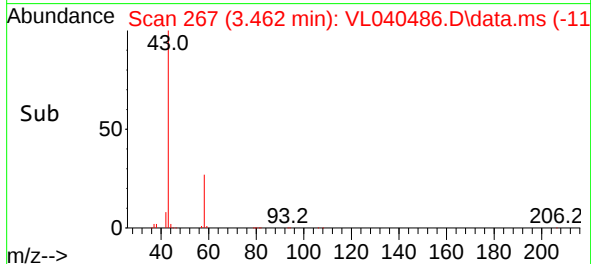
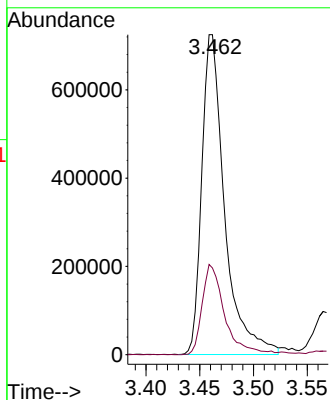
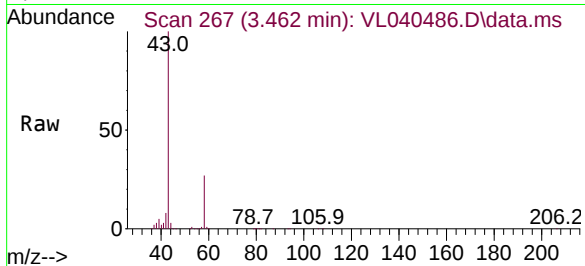
#15
Acetone
Concen: 8.995 ppbv
RT: 3.462 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01

Tgt Ion: 43 Resp: 1072108
Ion Ratio Lower Upper
43 100
58 28.4 21.6 32.4

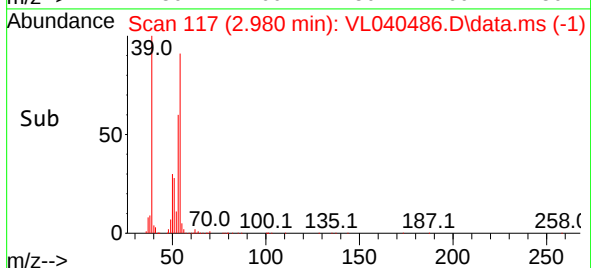
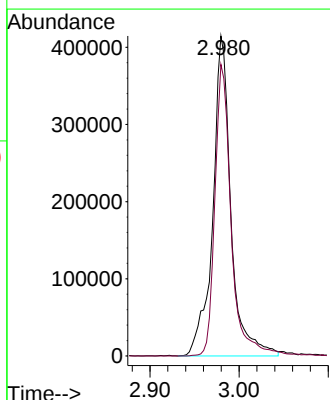
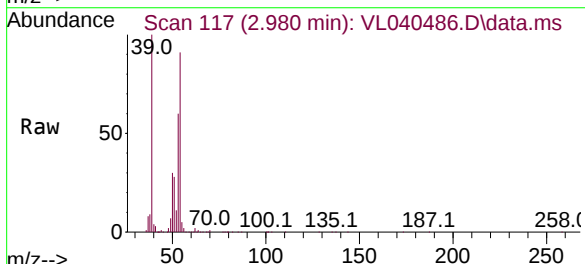
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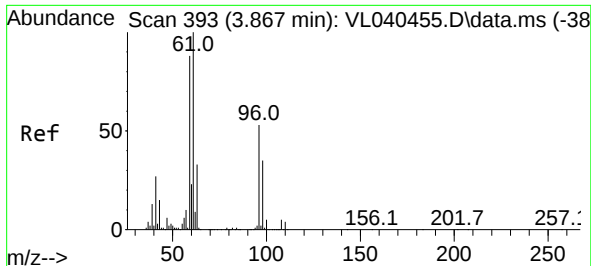
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#16
1,3-Butadiene
Concen: 10.156 ppbv
RT: 2.980 min Scan# 117
Delta R.T. 0.010 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

Tgt Ion: 39 Resp: 589183
Ion Ratio Lower Upper
39 100
54 81.8 66.9 100.3





#17

tert-Butyl alcohol

Concen: 9.867 ppbv

RT: 3.867 min Scan# 393

Delta R.T. -0.000 min

Lab File: VL040486.D

Acq: 22 Jun 2023 15:01

Instrument :

MSVOA_L

ClientSampleId :

VL0622ABS01

Tgt Ion: 59 Resp: 966782

Ion Ratio Lower Upper

59 100

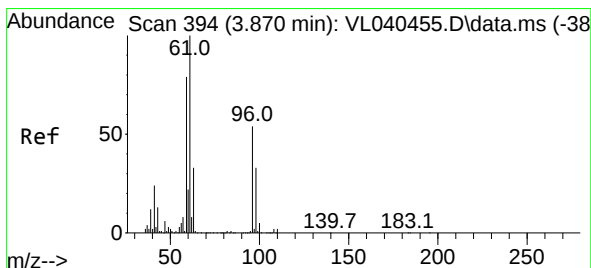
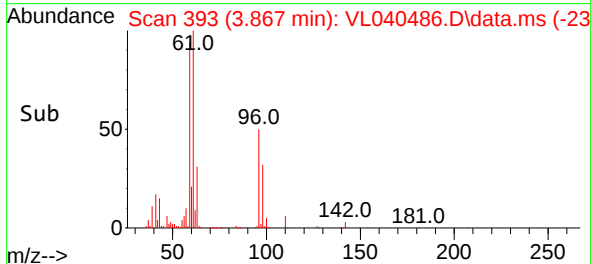
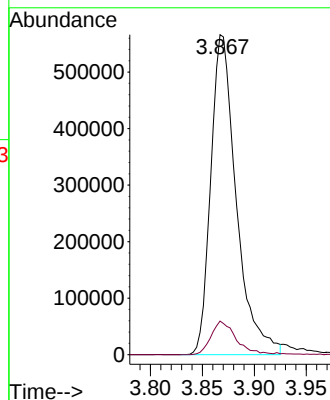
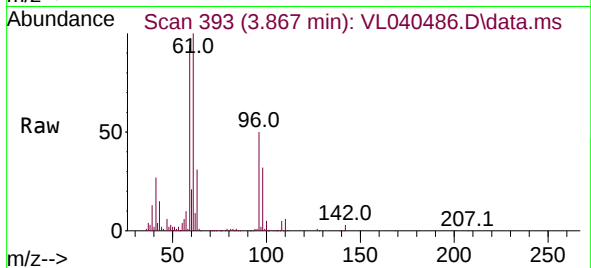
57 10.7 8.8 13.2

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Reviewed By :Krupa Patel 06/27/2023

Supervised By :Mahesh Dadoda 06/27/2023



#18

1,1-Dichloroethene

Concen: 10.059 ppbv

RT: 3.873 min Scan# 395

Delta R.T. 0.003 min

Lab File: VL040486.D

Acq: 22 Jun 2023 15:01

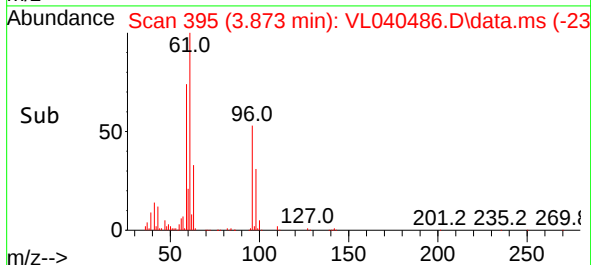
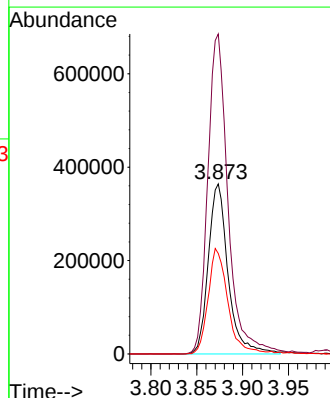
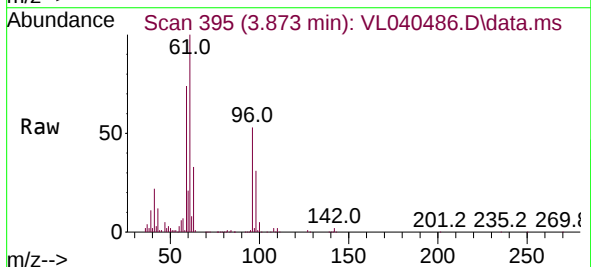
Tgt Ion: 96 Resp: 548335

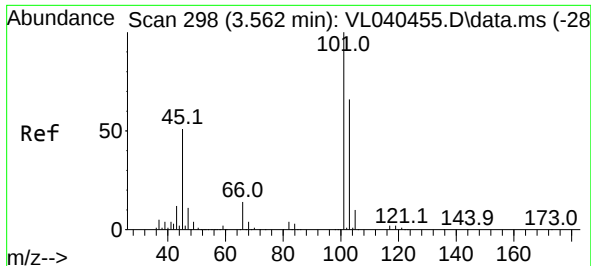
Ion Ratio Lower Upper

96 100

61 188.1 149.5 224.3

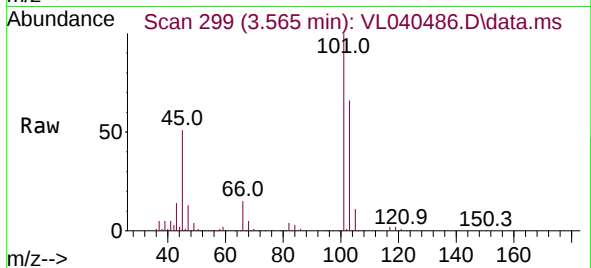
98 59.0 48.7 73.1





#19
Isopropyl Alcohol
Concen: 10.172 ppbv
RT: 3.565 min Scan# 298
Delta R.T. 0.003 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

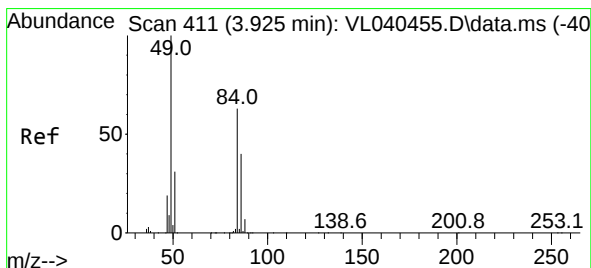
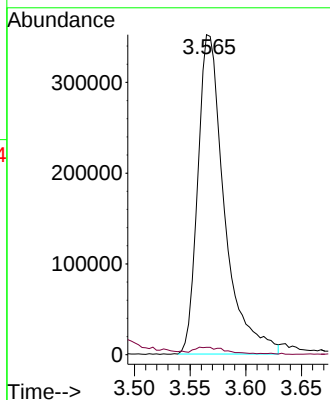
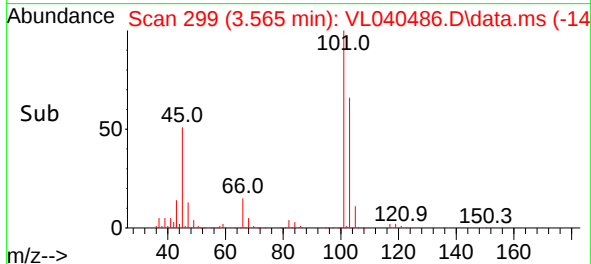
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01



Tgt Ion: 45 Resp: 584375
Ion Ratio Lower Upper
45 100
58 2.9 2.6 4.0

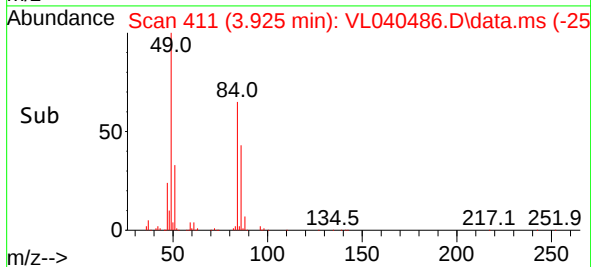
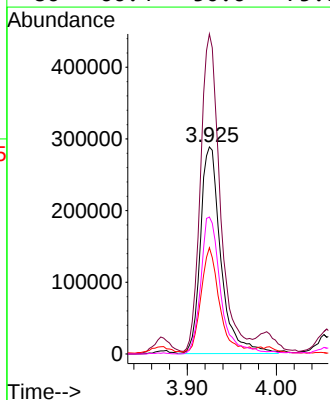
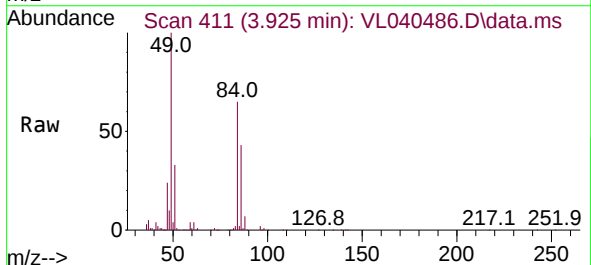
Manual Integrations
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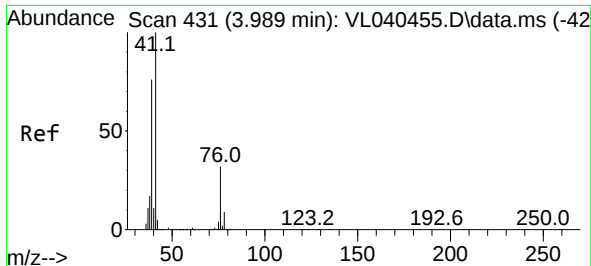
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#20
Methylene Chloride
Concen: 9.037 ppbv
RT: 3.925 min Scan# 411
Delta R.T. -0.000 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

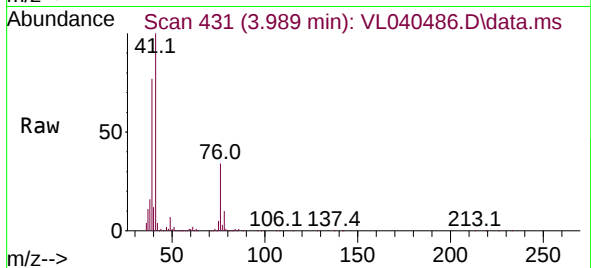
Tgt Ion: 84 Resp: 459704
Ion Ratio Lower Upper
84 100
49 153.1 126.2 189.2
51 50.3 38.7 58.1
86 66.4 50.6 75.8





#21
 Allyl Chloride
 Concen: 10.268 ppbv
 RT: 3.989 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL040486.D
 Acq: 22 Jun 2023 15:01

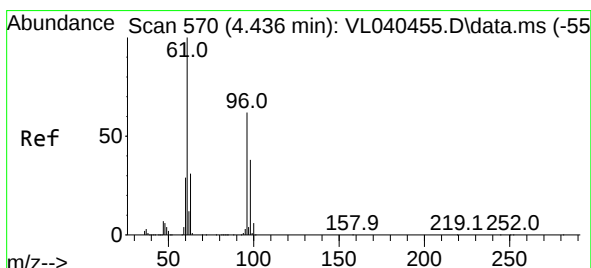
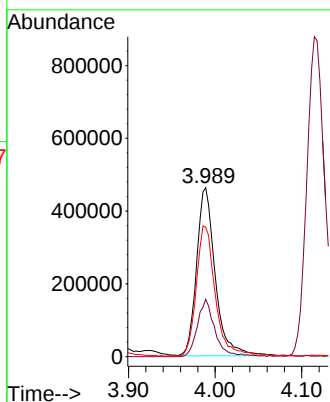
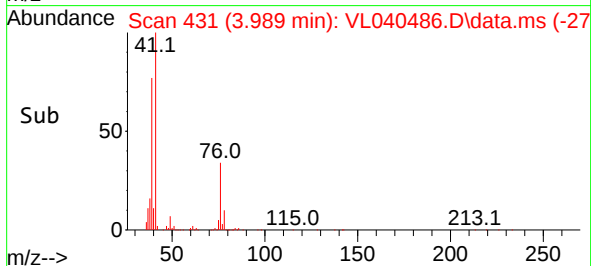
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0622ABS01



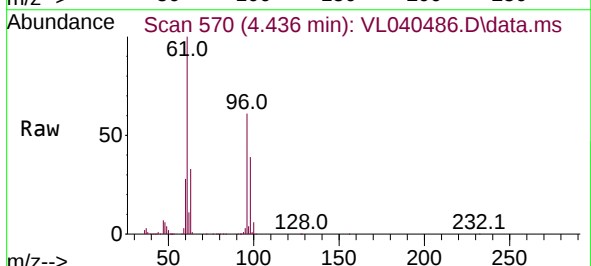
Tgt Ion: 41 Resp: 691280
 Ion Ratio Lower Upper
 41 100
 76 32.4 26.1 39.1
 39 79.1 63.9 95.9

Manual Integrations
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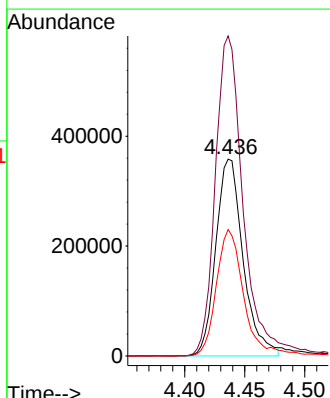
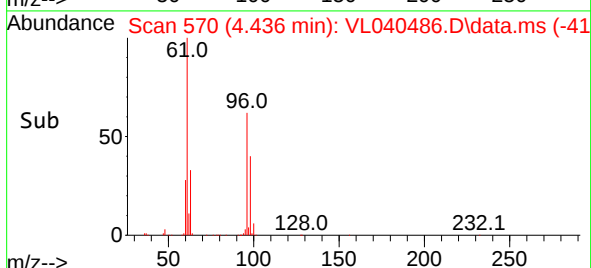
Reviewed By :Krupa Patel 06/27/2023
 Supervised By :Mahesh Dadoda 06/27/2023

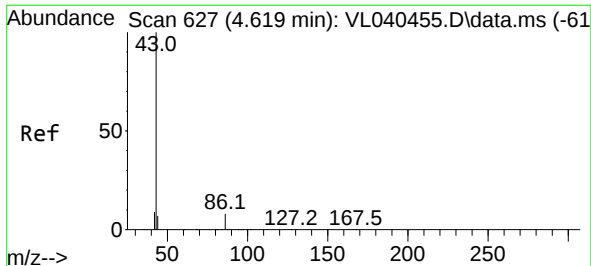


#22
 trans-1,2-Dichloroethene
 Concen: 10.148 ppbv
 RT: 4.436 min Scan# 570
 Delta R.T. -0.000 min
 Lab File: VL040486.D
 Acq: 22 Jun 2023 15:01



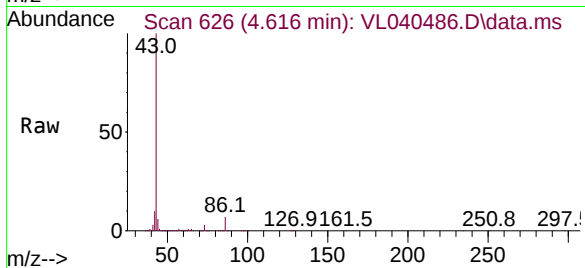
Tgt Ion: 96 Resp: 567530
 Ion Ratio Lower Upper
 96 100
 61 162.4 128.1 192.1
 98 64.2 48.2 72.4





#23
 Vinyl Acetate
 Concen: 10.106 ppbv
 RT: 4.616 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL040486.D
 Acq: 22 Jun 2023 15:01

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0622ABS01

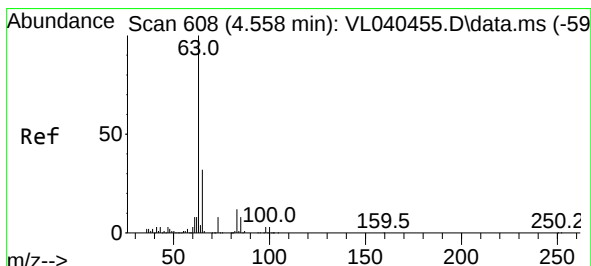
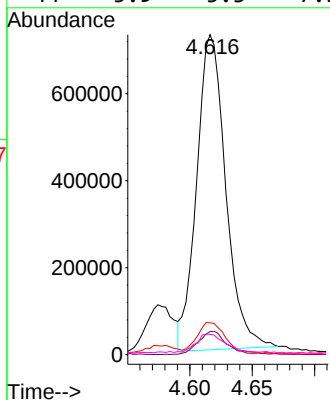
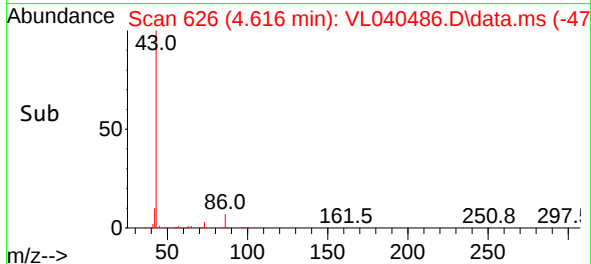


Tgt Ion: 43 Resp: 117644

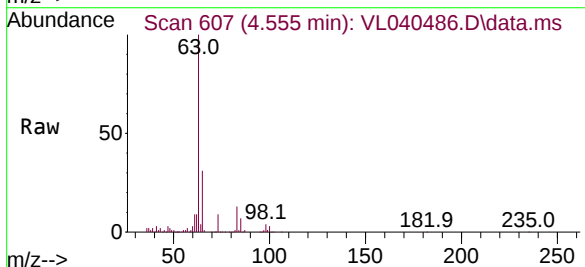
Ion	Ratio	Lower	Upper
43	100		
86	7.3	5.8	8.6
42	9.9	7.4	11.2
44	5.9	5.3	7.9

Manual Integrations
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Reviewed By :Krupa Patel 06/27/2023
 Supervised By :Mahesh Dadoda 06/27/2023

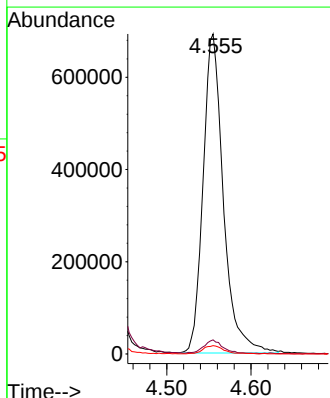
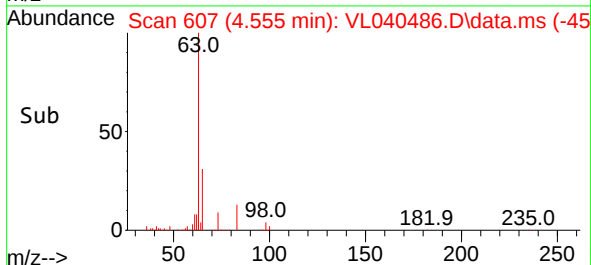


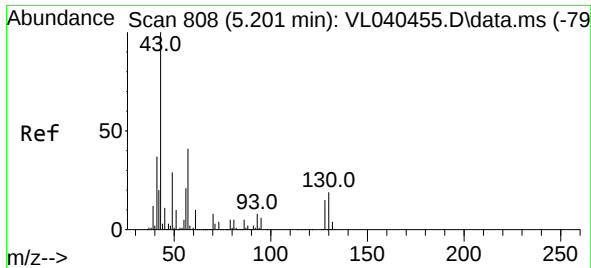
#24
 1,1-Dichloroethane
 Concen: 9.951 ppbv
 RT: 4.555 min Scan# 607
 Delta R.T. -0.003 min
 Lab File: VL040486.D
 Acq: 22 Jun 2023 15:01



Tgt Ion: 63 Resp: 1162035

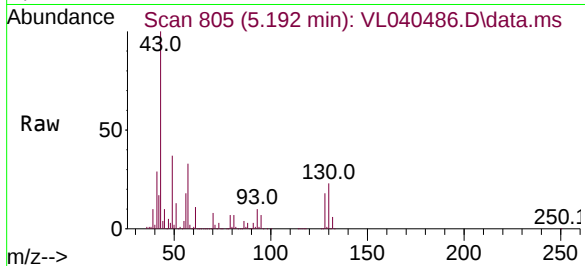
Ion	Ratio	Lower	Upper
63	100		
98	4.3	1.8	5.5
100	2.6	1.4	4.0





#25
Ethyl Acetate
Concen: 9.612 ppbv
RT: 5.192 min Scan# 805
Delta R.T. -0.010 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

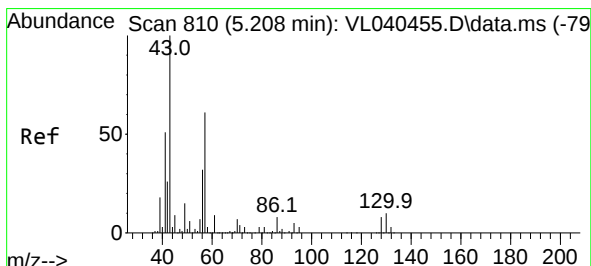
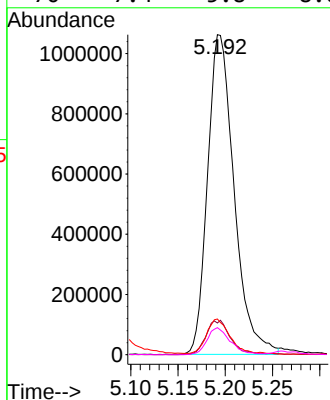
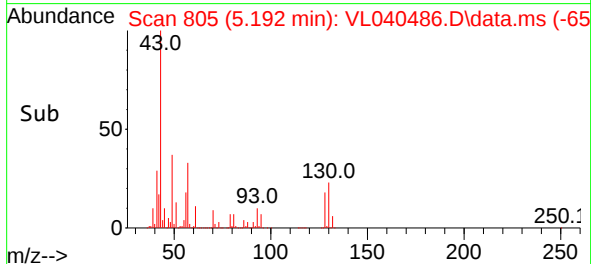
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01



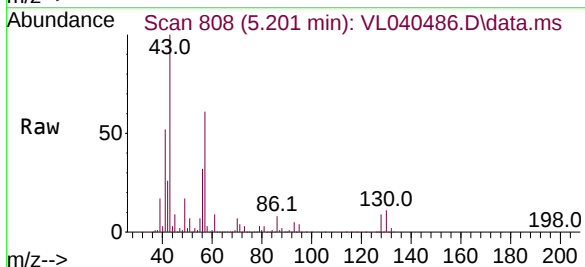
Tgt Ion: 43 Resp: 2075919
Ion Ratio Lower Upper
43 100
45 10.3 8.0 12.0
61 10.4 8.1 12.1
70 7.4 5.8 8.6

Manual Integrations
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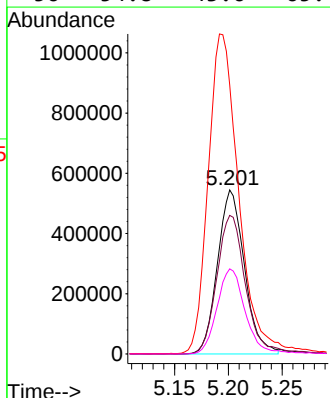
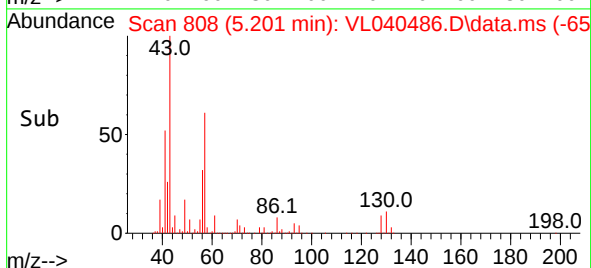
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

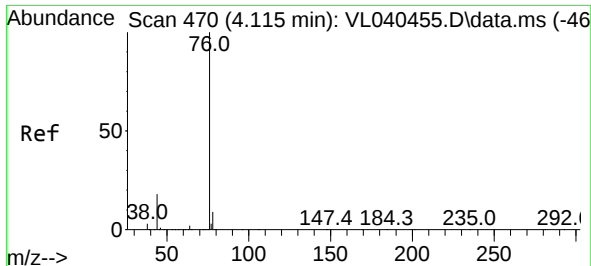


#26
Hexane
Concen: 9.272 ppbv
RT: 5.201 min Scan# 808
Delta R.T. -0.007 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01



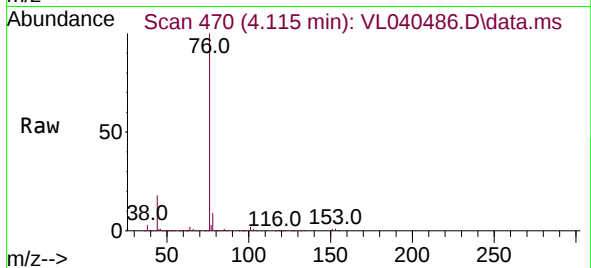
Tgt Ion: 57 Resp: 948235
Ion Ratio Lower Upper
57 100
41 91.5 73.0 109.6
43 224.0 177.5 266.3
56 54.8 43.6 65.4





#27
Carbon Disulfide
Concen: 10.818 ppbv
RT: 4.115 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

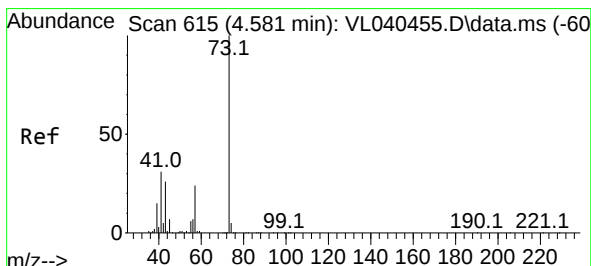
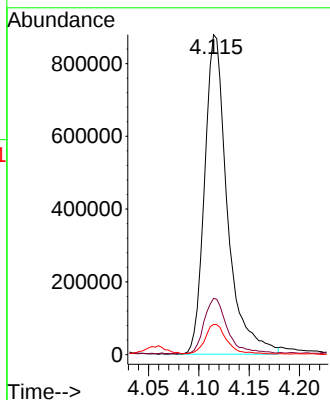
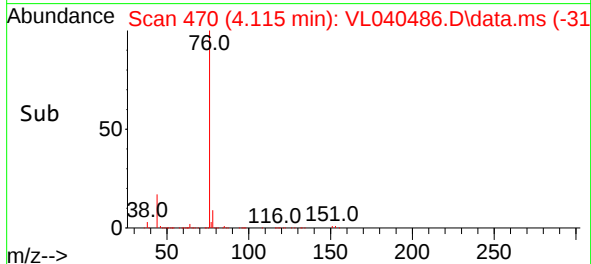
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01



Tgt Ion: 76 Resp: 1383710
Ion Ratio Lower Upper
76 100
44 17.9 14.6 22.0
78 10.0 7.6 11.4

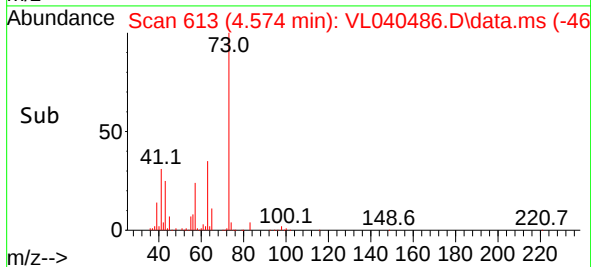
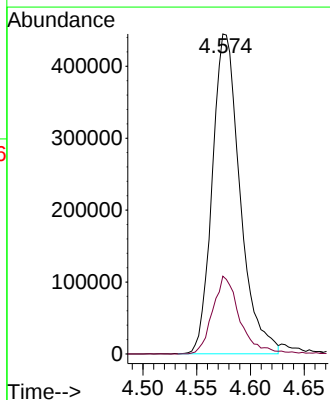
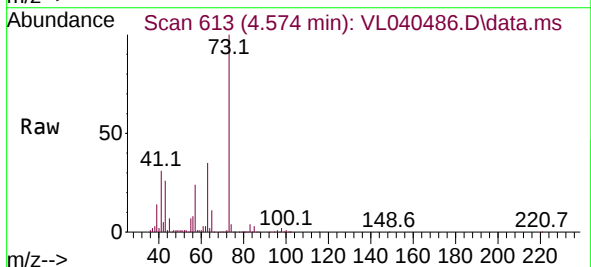
Manual Integrations
APPROVED

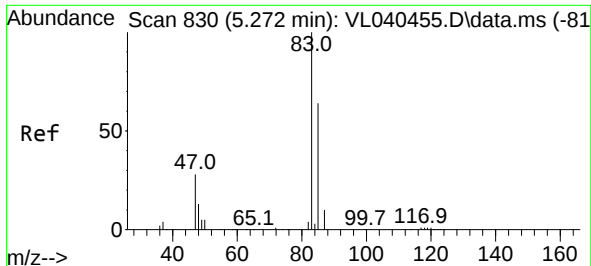
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#28
Methyl tert-Butyl Ether
Concen: 10.127 ppbv
RT: 4.574 min Scan# 613
Delta R.T. -0.007 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

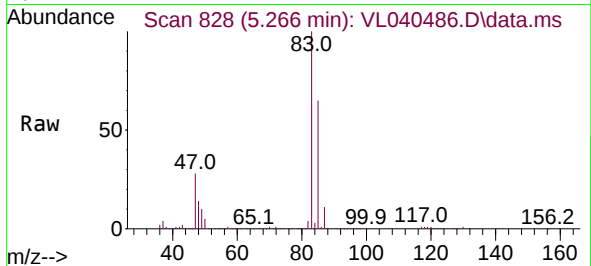
Tgt Ion: 73 Resp: 797344
Ion Ratio Lower Upper
73 100
57 24.3 19.0 28.4





#29
Chloroform
Concen: 9.703 ppbv
RT: 5.266 min Scan# 81
Delta R.T. -0.007 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

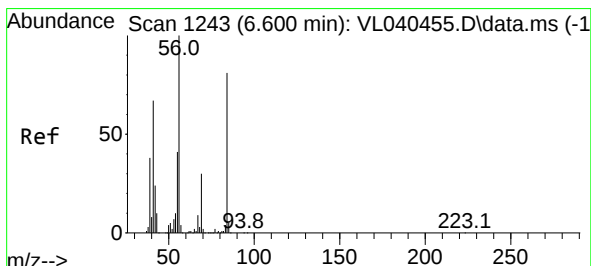
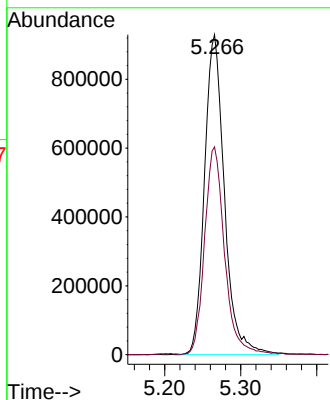
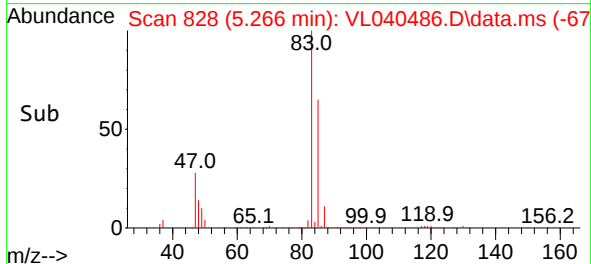
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01



Tgt Ion: 83 Resp: 169038
Ion Ratio Lower Upper
83 100
85 64.8 51.1 76.7

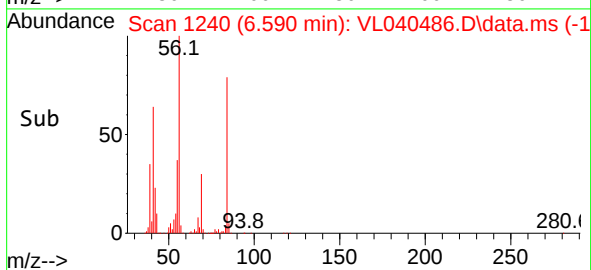
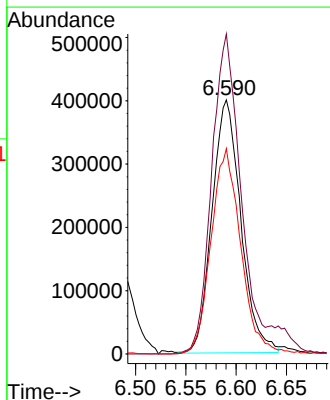
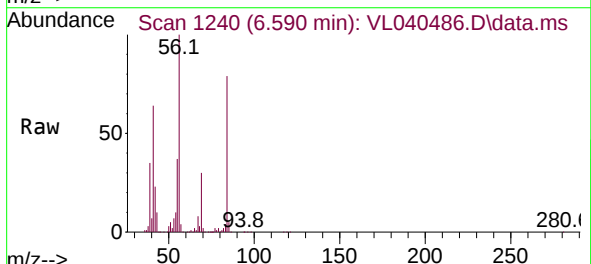
Manual Integrations
APPROVED

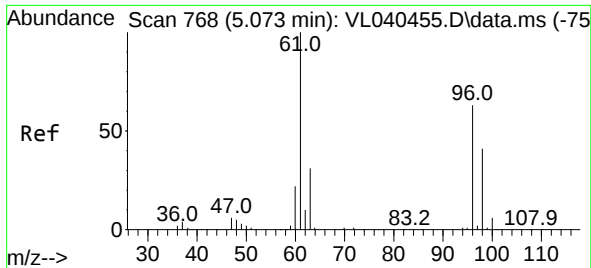
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#30
Cyclohexane
Concen: 9.673 ppbv
RT: 6.590 min Scan# 1240
Delta R.T. -0.010 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

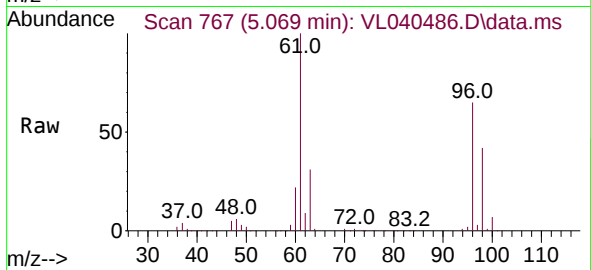
Tgt Ion: 84 Resp: 797172
Ion Ratio Lower Upper
84 100
56 135.5 106.0 159.0
41 84.0 66.8 100.2





#31
 cis-1,2-Dichloroethene
 Concen: 10.214 ppbv
 RT: 5.069 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VL040486.D
 Acq: 22 Jun 2023 15:01

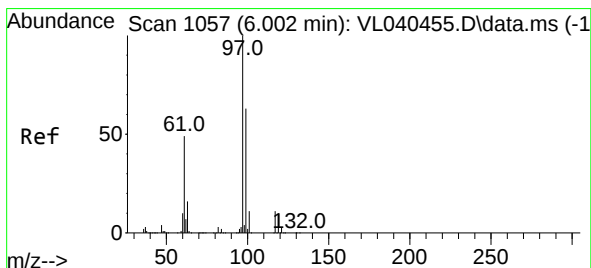
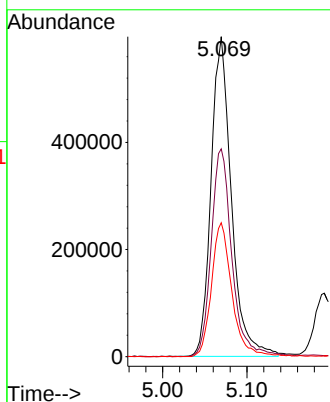
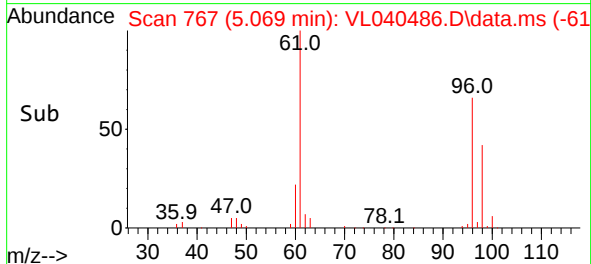
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0622ABS01



Tgt Ion: 61 Resp: 999334
 Ion Ratio Lower Upper
 61 100
 96 65.0 50.2 75.4
 98 41.8 32.9 49.3

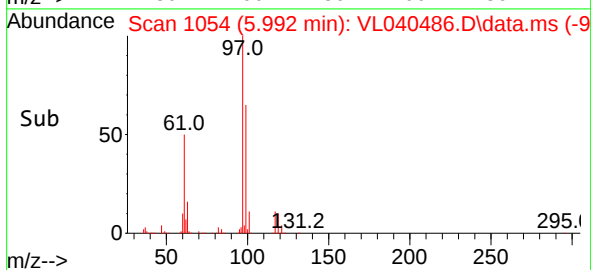
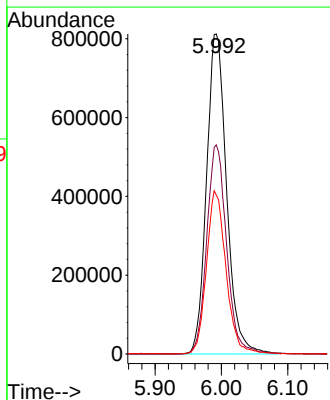
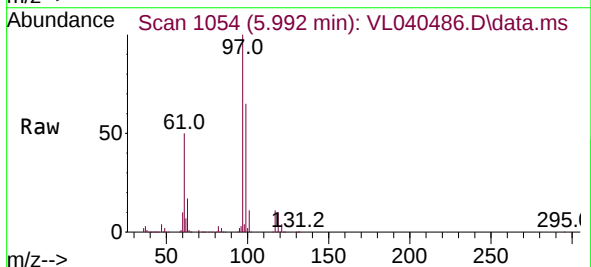
Manual Integrations
 APPROVED

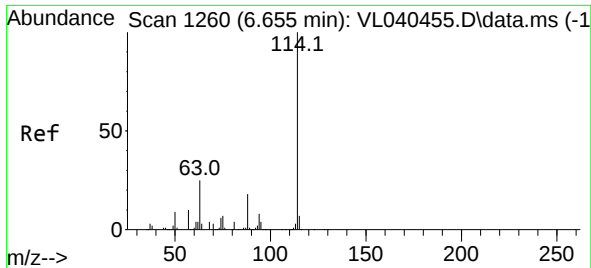
Reviewed By :Krupa Patel 06/27/2023
 Supervised By :Mahesh Dadoda 06/27/2023



#32
 1,1,1-Trichloroethane
 Concen: 9.927 ppbv
 RT: 5.992 min Scan# 1054
 Delta R.T. -0.010 min
 Lab File: VL040486.D
 Acq: 22 Jun 2023 15:01

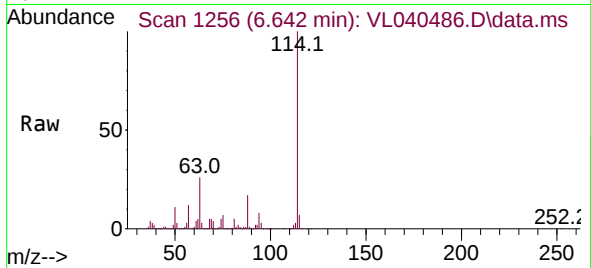
Tgt Ion: 97 Resp: 1707090
 Ion Ratio Lower Upper
 97 100
 99 64.8 51.5 77.3
 61 50.0 39.7 59.5





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 114
Delta R.T. -0.013 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

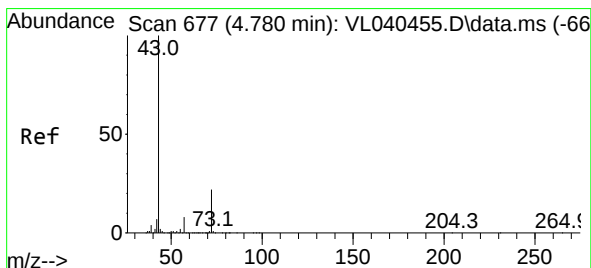
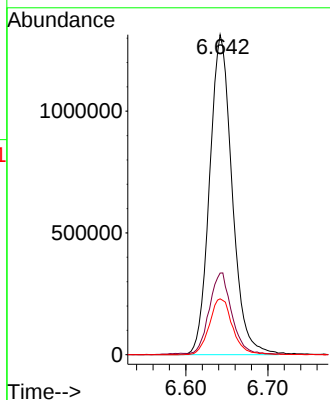
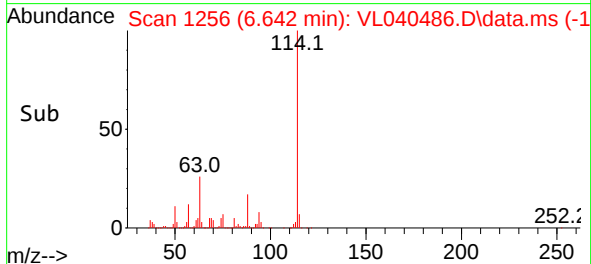
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01



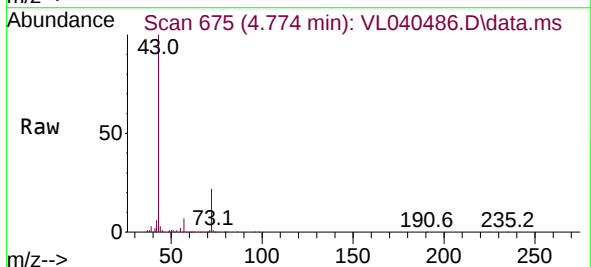
Tgt Ion:114 Resp: 2506450
Ion Ratio Lower Upper
114 100
63 26.3 21.0 31.6
88 18.0 14.5 21.7

Manual Integrations
APPROVED

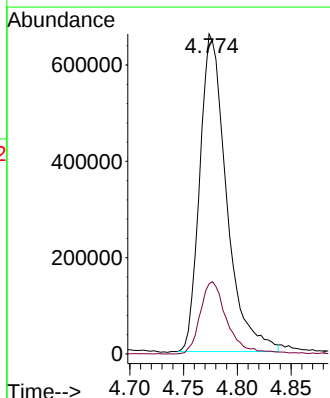
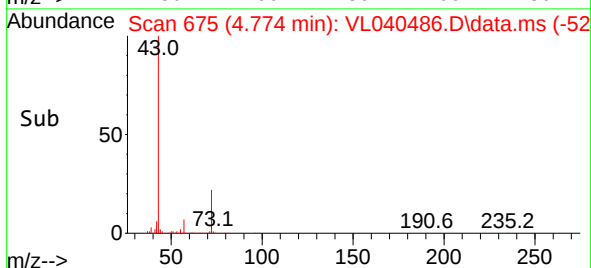
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

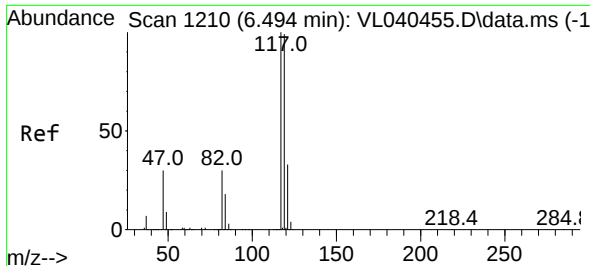


#34
2-Butanone
Concen: 9.455 ppbv
RT: 4.774 min Scan# 675
Delta R.T. -0.007 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01



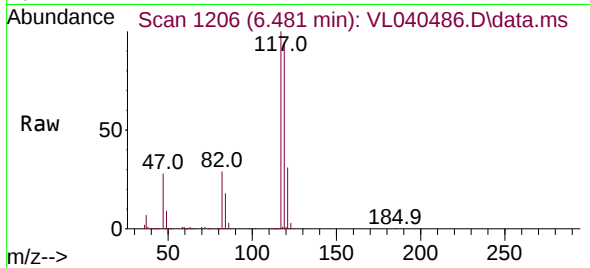
Tgt Ion: 43 Resp: 1142738
Ion Ratio Lower Upper
43 100
72 23.4 18.1 27.1





#35
Carbon Tetrachloride
Concen: 10.329 ppbv
RT: 6.481 min Scan# 1167
Delta R.T. -0.013 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

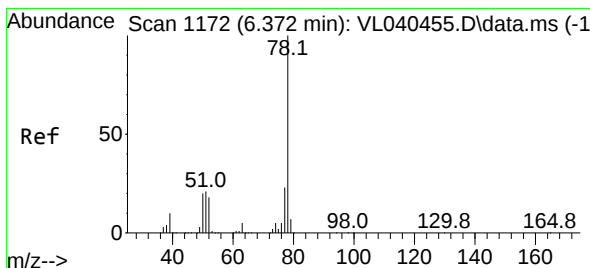
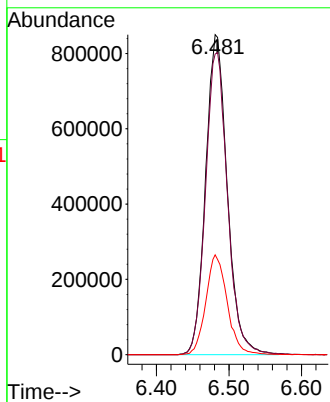
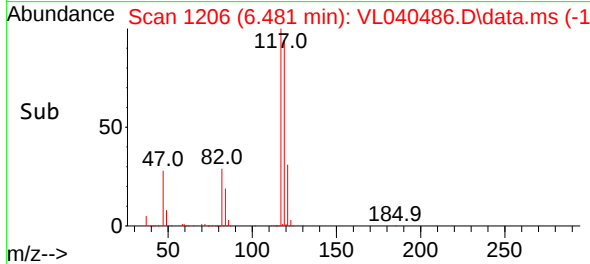
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01



Tgt Ion: 117 Resp: 1764270
Ion Ratio Lower Upper
117 100
119 93.9 79.1 118.7
121 31.2 26.0 39.0

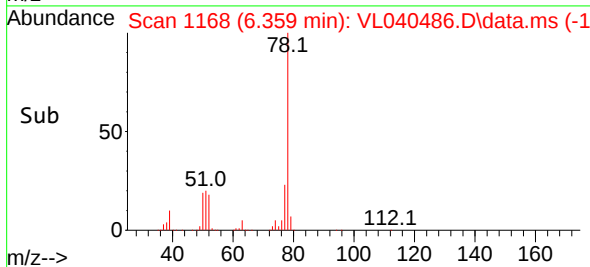
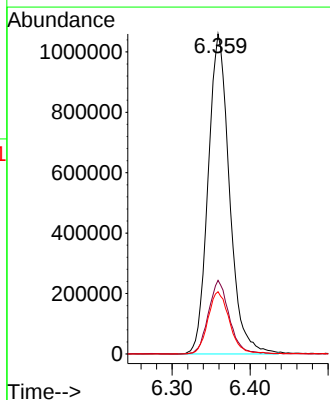
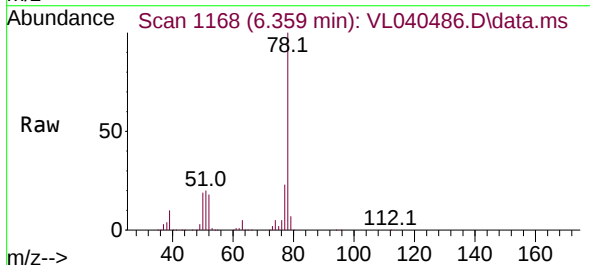
Manual Integrations
APPROVED

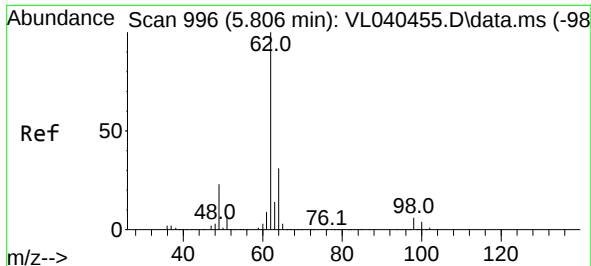
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#36
Benzene
Concen: 10.110 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. -0.013 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

Tgt Ion: 78 Resp: 2015670
Ion Ratio Lower Upper
78 100
77 23.0 18.5 27.7
50 19.4 16.1 24.1





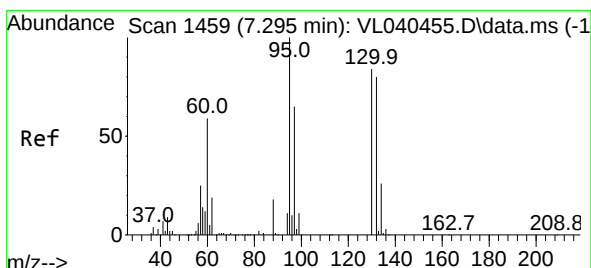
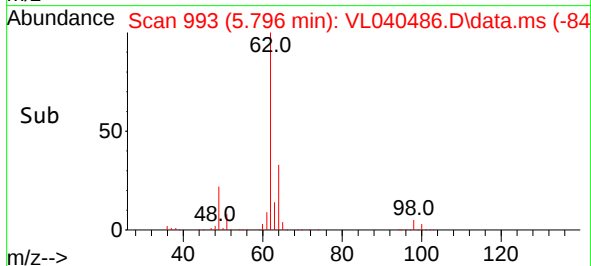
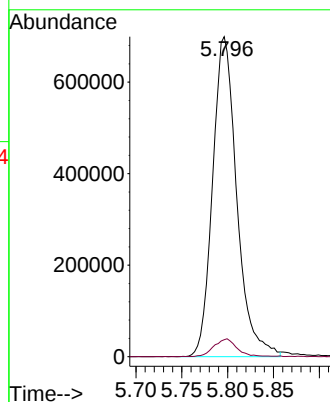
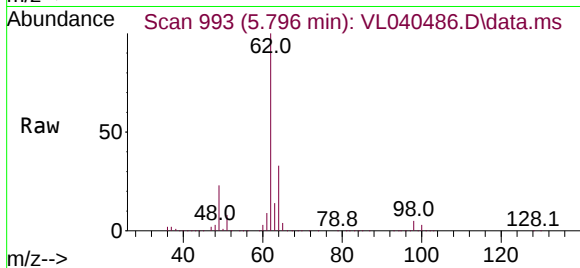
#37
1,2-Dichloroethane
Concen: 9.901 ppbv
RT: 5.796 min Scan# 996
Delta R.T. -0.010 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01

Tgt Ion: 62 Resp: 128604
Ion Ratio Lower Upper
62 100
98 5.5 4.6 6.8

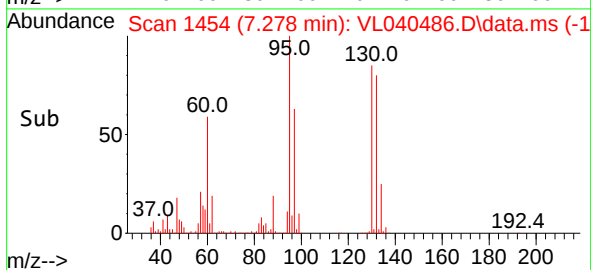
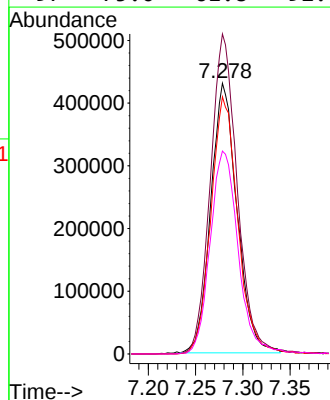
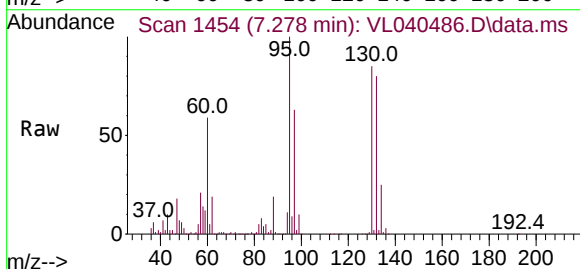
Manual Integrations
APPROVED

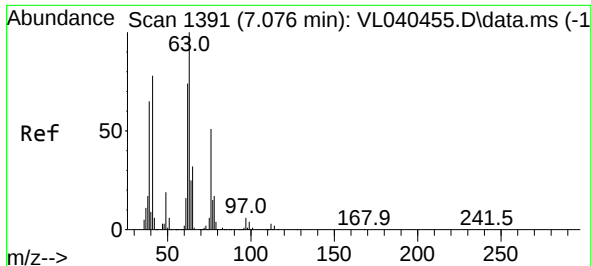
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#38
Trichloroethene
Concen: 11.032 ppbv
RT: 7.278 min Scan# 1454
Delta R.T. -0.016 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

Tgt Ion:130 Resp: 833331
Ion Ratio Lower Upper
130 100
95 118.6 95.4 143.0
132 95.2 76.3 114.5
97 75.0 61.8 92.6





#39

1,2-Dichloropropane

Concen: 10.147 ppbv

RT: 7.063 min Scan# 11

Delta R.T. -0.013 min

Lab File: VL040486.D

Acq: 22 Jun 2023 15:01

Instrument :

MSVOA_L

ClientSampleId :

VL0622ABS01

Tgt Ion: 63 Resp: 779890

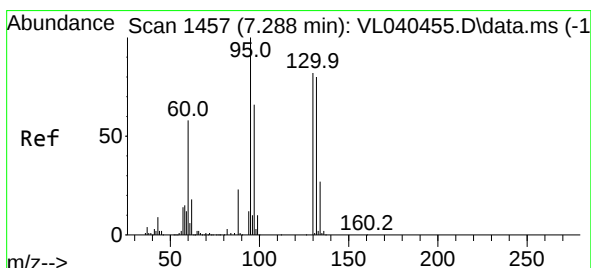
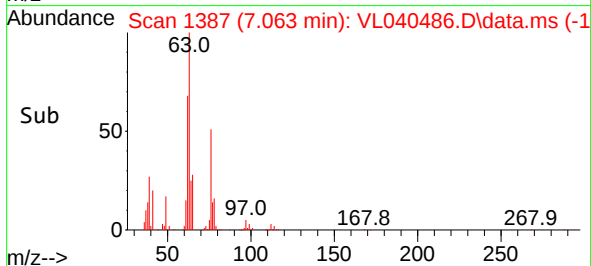
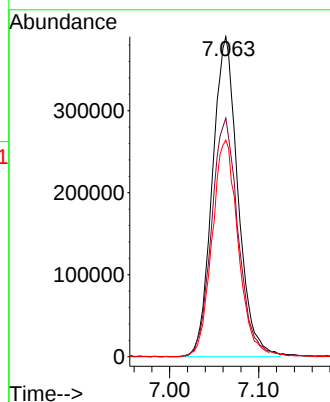
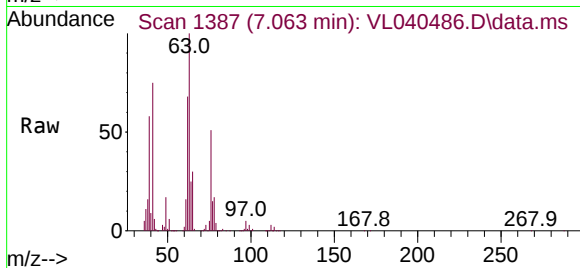
Ion	Ratio	Lower	Upper
63	100		
41	74.5	62.2	93.2
62	67.5	59.0	88.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/27/2023

Supervised By :Mahesh Dadoda 06/27/2023



#40

1,4-Dioxane

Concen: 9.693 ppbv

RT: 7.275 min Scan# 1453

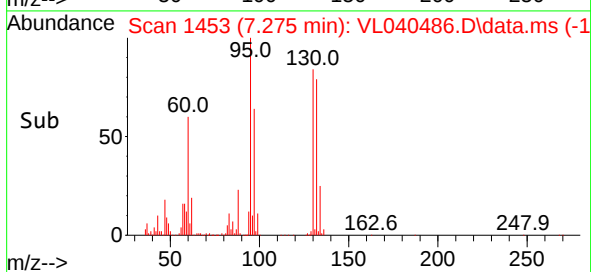
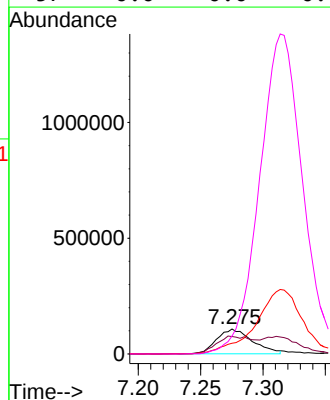
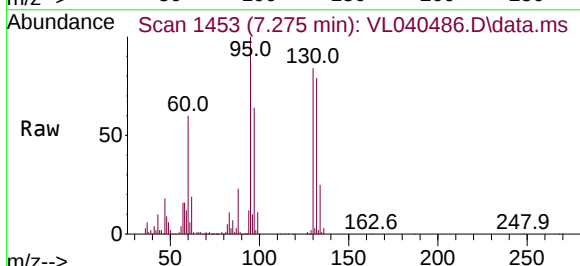
Delta R.T. -0.013 min

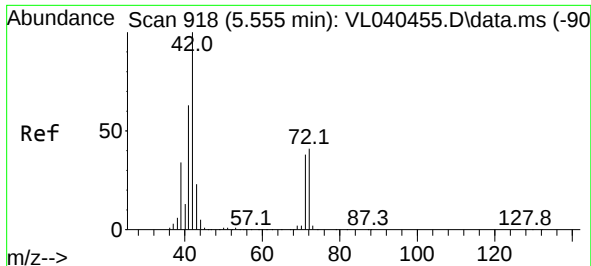
Lab File: VL040486.D

Acq: 22 Jun 2023 15:01

Tgt Ion: 88 Resp: 211003

Ion	Ratio	Lower	Upper
88	100		
58	72.3	0.0	0.0#
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 10.536 ppbv

RT: 5.545 min Scan# 918

Delta R.T. -0.010 min

Lab File: VL040486.D

Acq: 22 Jun 2023 15:01

Instrument :

MSVOA_L

ClientSampleId :

VL0622ABS01

Tgt Ion: 42 Resp: 696052

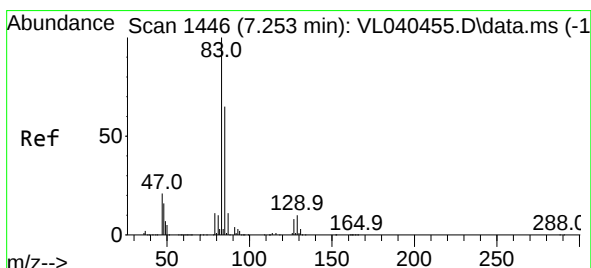
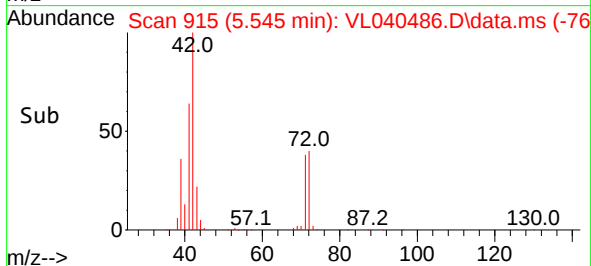
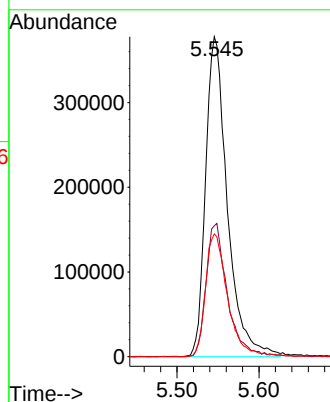
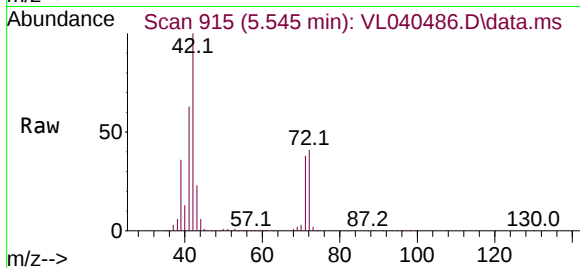
Ion	Ratio	Lower	Upper
42	100		
72	41.0	33.8	50.8
71	39.4	32.3	48.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/27/2023

Supervised By :Mahesh Dadoda 06/27/2023



#42

Bromodichloromethane

Concen: 10.155 ppbv

RT: 7.237 min Scan# 1441

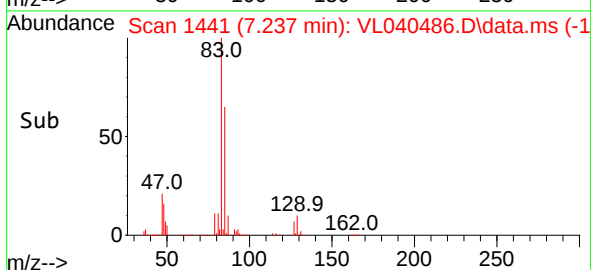
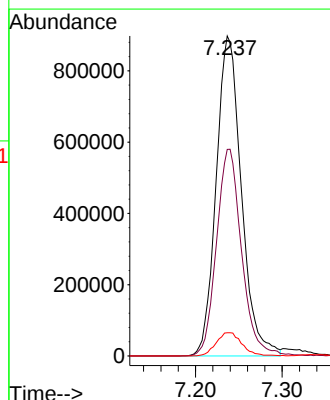
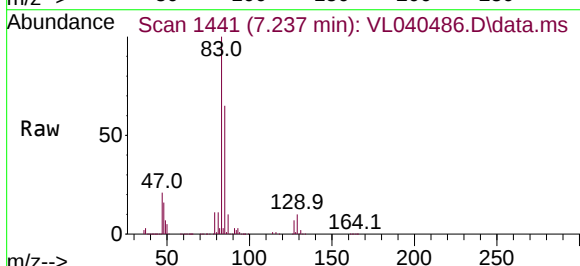
Delta R.T. -0.016 min

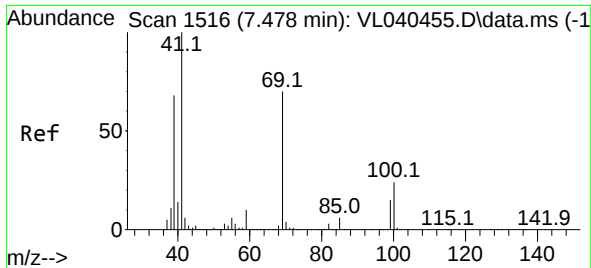
Lab File: VL040486.D

Acq: 22 Jun 2023 15:01

Tgt Ion: 83 Resp: 1816278

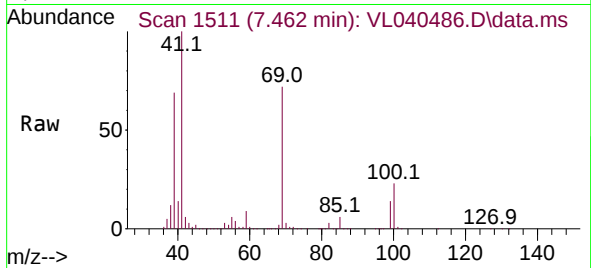
Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.8	77.6
127	7.2	6.1	9.1





#43
Methyl Methacrylate
Concen: 11.168 ppbv
RT: 7.462 min Scan# 1465
Delta R.T. -0.016 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

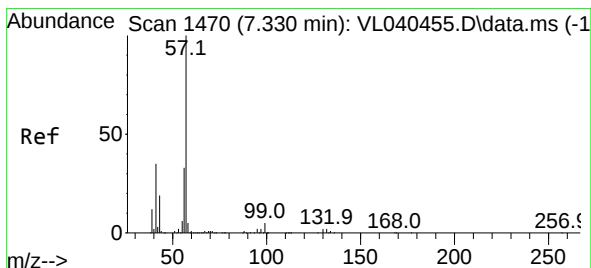
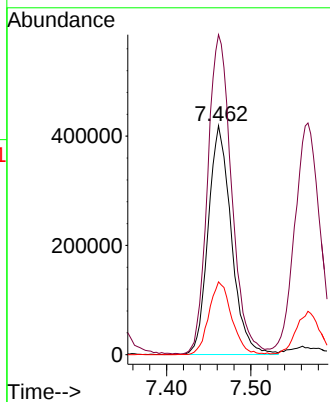
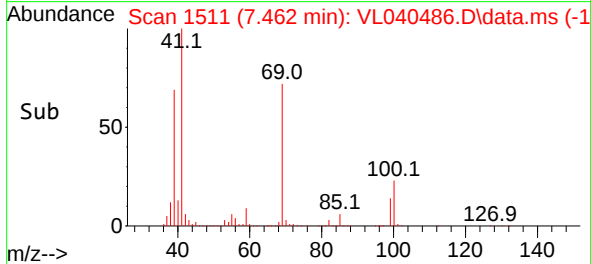
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01



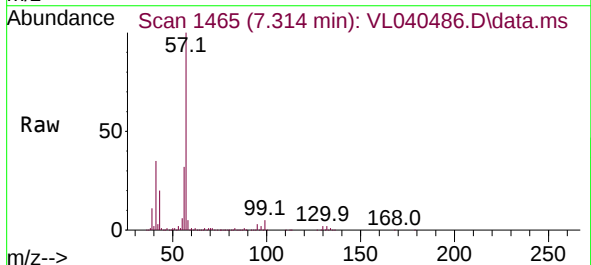
Tgt Ion: 69 Resp: 799878
Ion Ratio Lower Upper
69 100
41 145.0 114.3 171.5
100 31.5 25.4 38.2

Manual Integrations
APPROVED

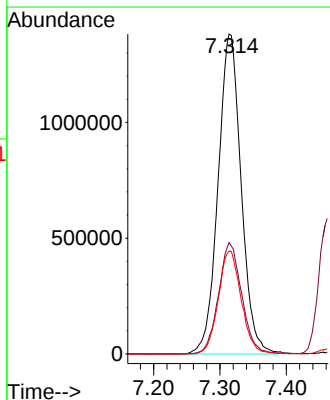
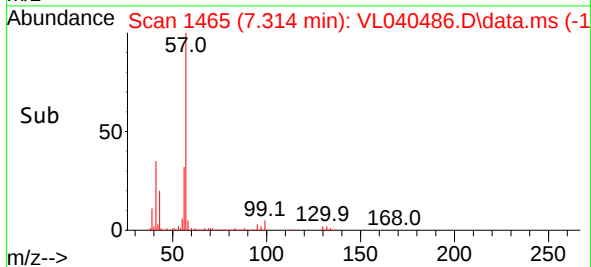
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

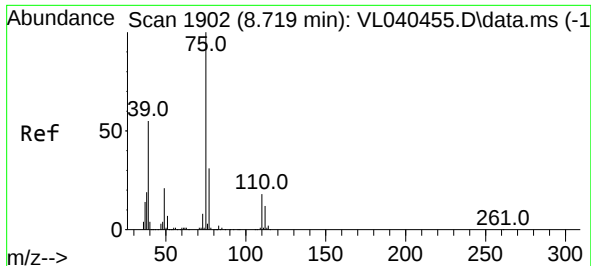


#44
2,2,4-Trimethylpentane
Concen: 10.246 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. -0.016 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01



Tgt Ion: 57 Resp: 3338303
Ion Ratio Lower Upper
57 100
41 34.9 27.8 41.8
56 32.0 25.3 37.9





#45

t-1,3-Dichloropropene

Concen: 11.856 ppbv

RT: 8.700 min Scan# 1719

Delta R.T. -0.019 min

Lab File: VL040486.D

Acq: 22 Jun 2023 15:01

Instrument :

MSVOA_L

ClientSampleId :

VL0622ABS01

Tgt Ion: 75 Resp: 62698

Ion Ratio Lower Upper

75 100

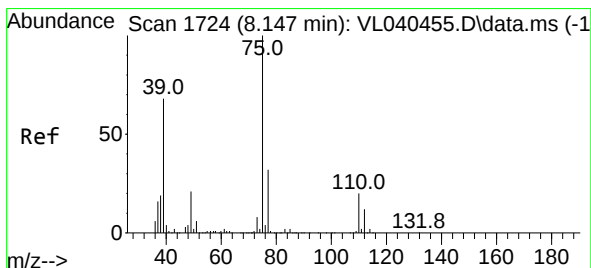
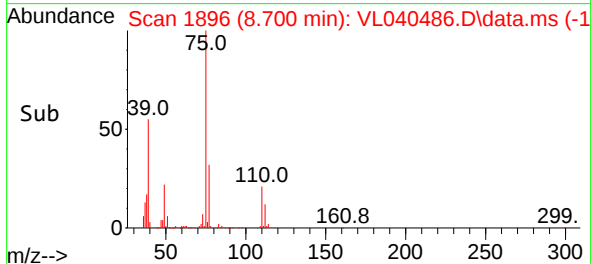
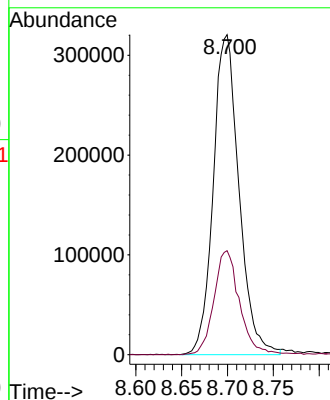
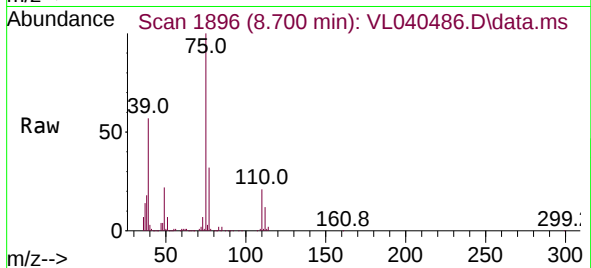
77 32.5 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/27/2023

Supervised By :Mahesh Dadoda 06/27/2023



#46

cis-1,3-Dichloropropene

Concen: 11.604 ppbv

RT: 8.130 min Scan# 1719

Delta R.T. -0.016 min

Lab File: VL040486.D

Acq: 22 Jun 2023 15:01

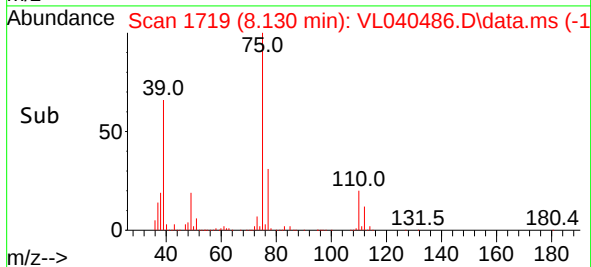
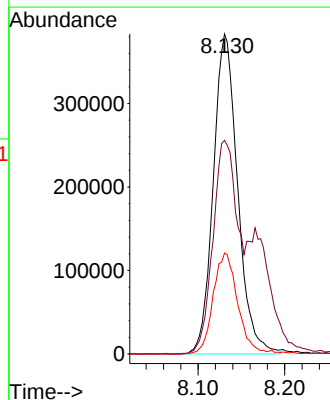
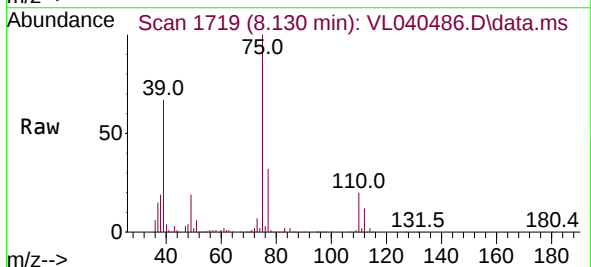
Tgt Ion: 75 Resp: 748086

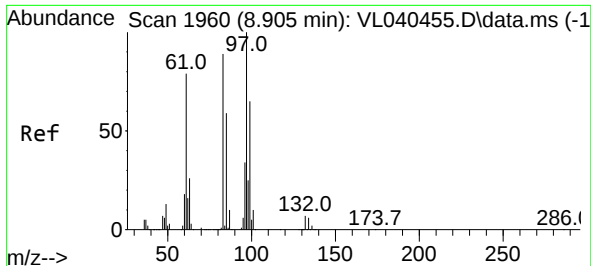
Ion Ratio Lower Upper

75 100

39 66.7 54.2 81.4

77 31.5 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 10.154 ppbv

RT: 8.883 min Scan# 1960

Delta R.T. -0.023 min

Lab File: VL040486.D

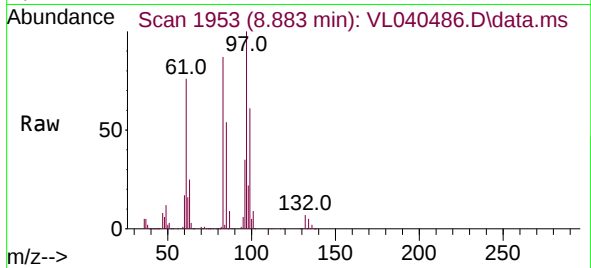
Acq: 22 Jun 2023 15:01

Instrument :

MSVOA_L

ClientSampleId :

VL0622ABS01



Tgt Ion: 97 Resp: 857714

Ion Ratio Lower Upper

97 100

83 87.3 71.4 107.2

85 53.8 47.2 70.8

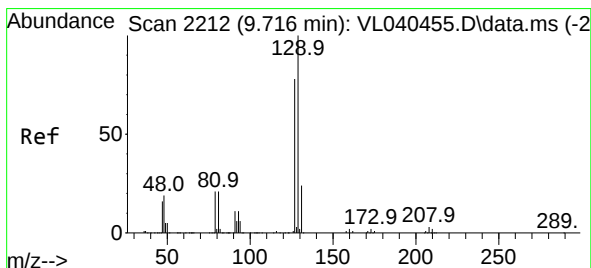
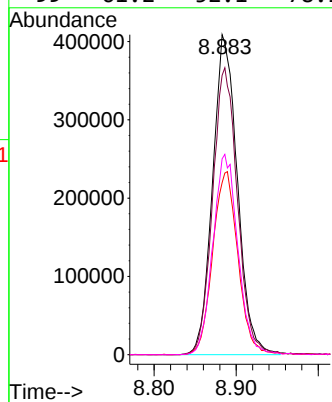
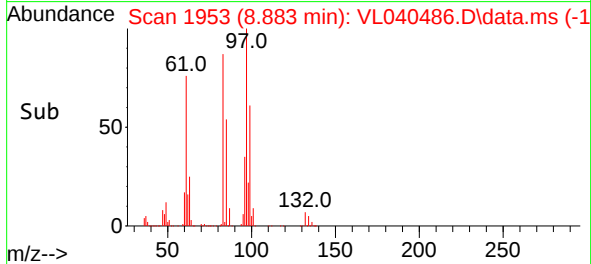
99 61.2 52.1 78.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/27/2023

Supervised By :Mahesh Dadoda 06/27/2023



#48

Dibromochloromethane

Concen: 10.717 ppbv

RT: 9.696 min Scan# 2206

Delta R.T. -0.019 min

Lab File: VL040486.D

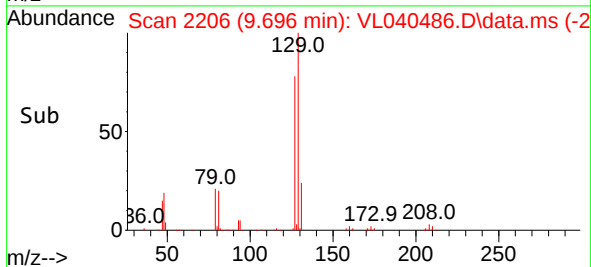
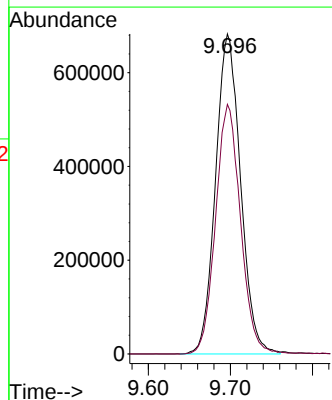
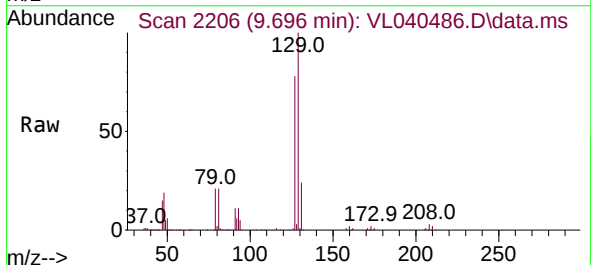
Acq: 22 Jun 2023 15:01

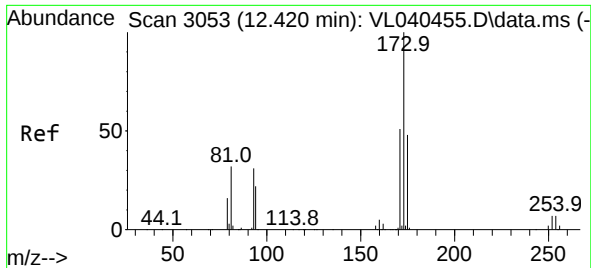
Tgt Ion:129 Resp: 1447241

Ion Ratio Lower Upper

129 100

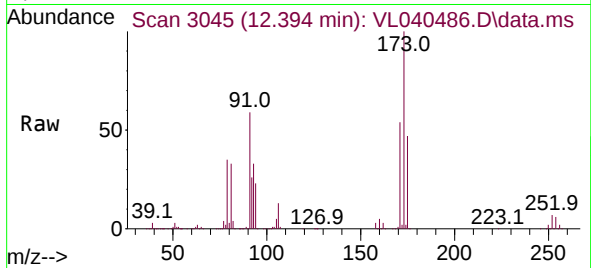
127 78.1 39.4 118.1





#49
Bromoform
Concen: 10.913 ppbv
RT: 12.394 min Scan# 3053
Delta R.T. -0.026 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

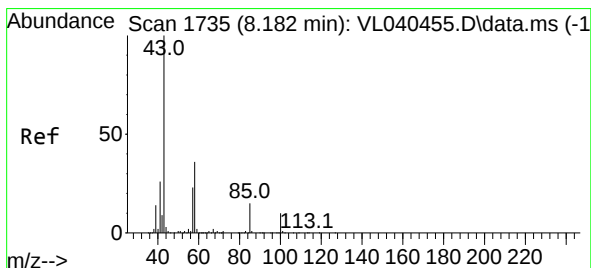
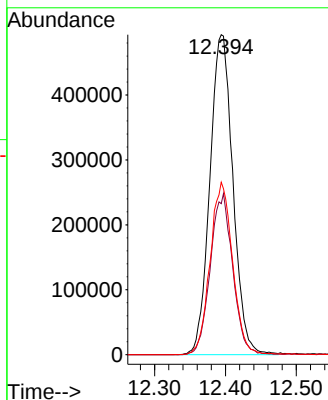
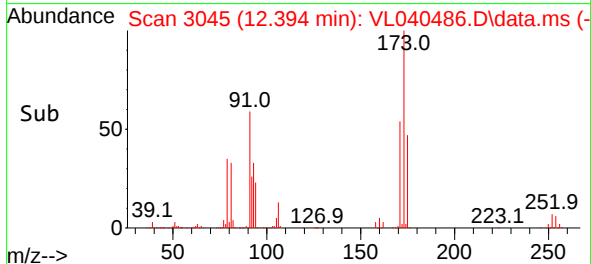
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01



Tgt Ion: 173 Resp: 1115010
Ion Ratio Lower Upper
173 100
175 49.0 39.2 58.8
171 52.8 42.2 63.2

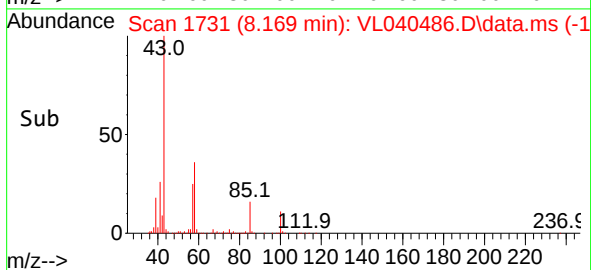
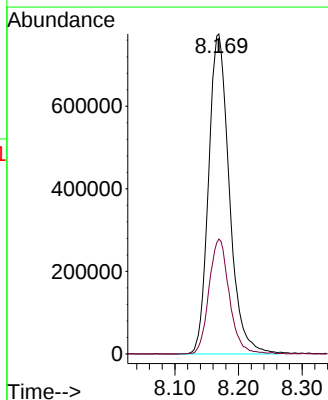
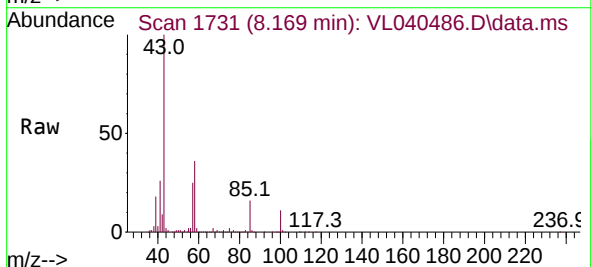
Manual Integrations
APPROVED

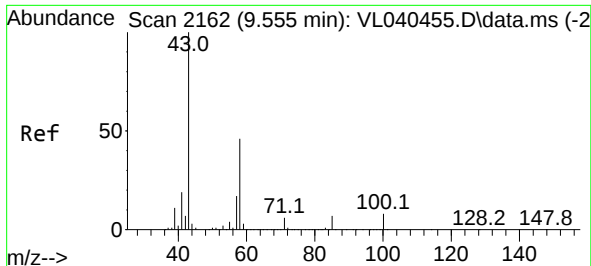
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#50
4-Methyl-2-Pentanone
Concen: 10.851 ppbv
RT: 8.169 min Scan# 1731
Delta R.T. -0.013 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

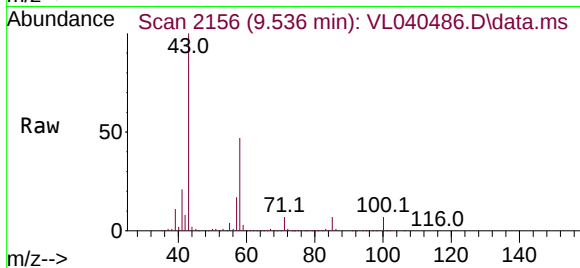
Tgt Ion: 43 Resp: 1756652
Ion Ratio Lower Upper
43 100
58 35.3 28.2 42.4





#51
2-Hexanone
Concen: 10.863 ppbv
RT: 9.536 min Scan# 2162
Delta R.T. -0.019 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

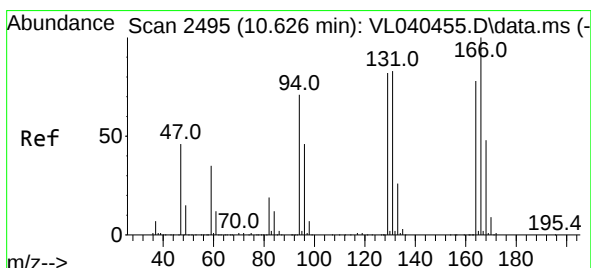
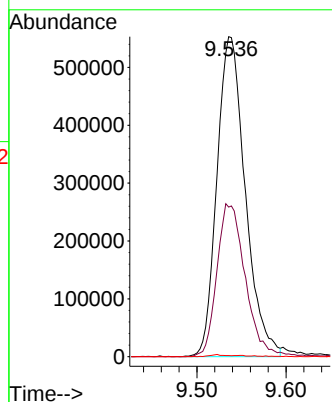
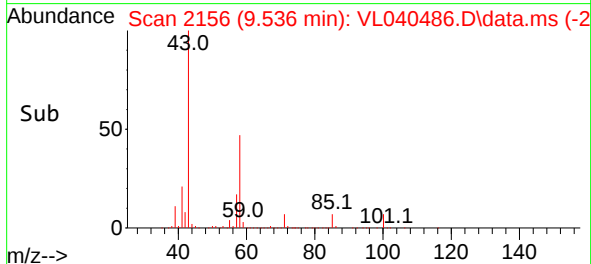
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01



Tgt Ion: 43 Resp: 122076
Ion Ratio Lower Upper
43 100
58 48.3 37.1 55.7
98 0.7 0.5 0.7

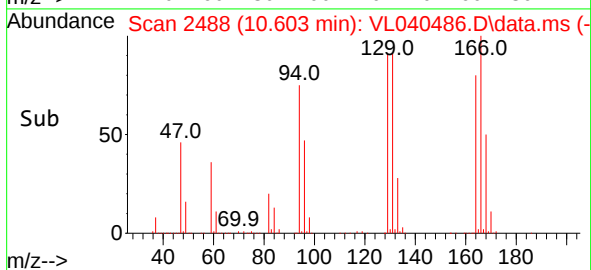
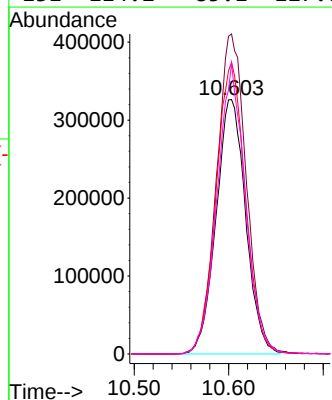
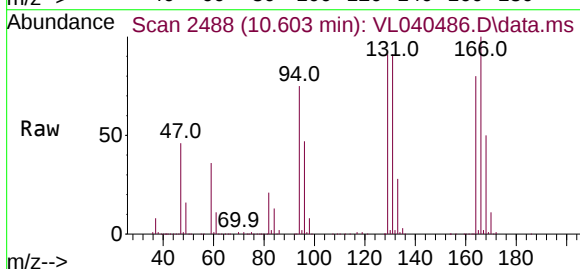
Manual Integrations
APPROVED

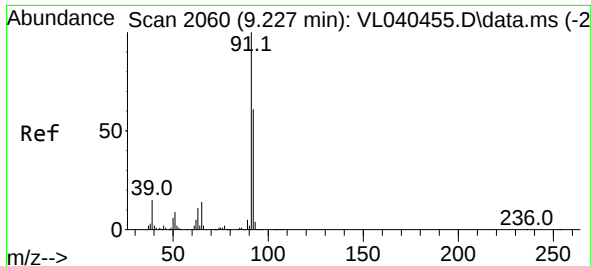
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#52
Tetrachloroethene
Concen: 11.312 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. -0.023 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

Tgt Ion:164 Resp: 708110
Ion Ratio Lower Upper
164 100
166 125.7 102.7 154.1
129 114.5 84.6 126.8
131 114.2 85.1 127.7





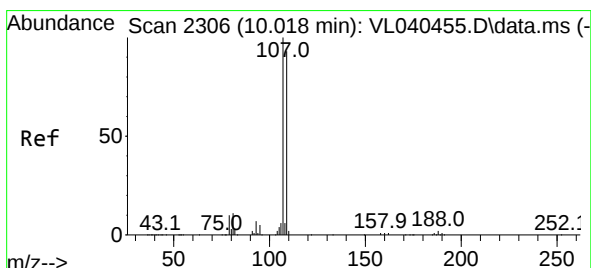
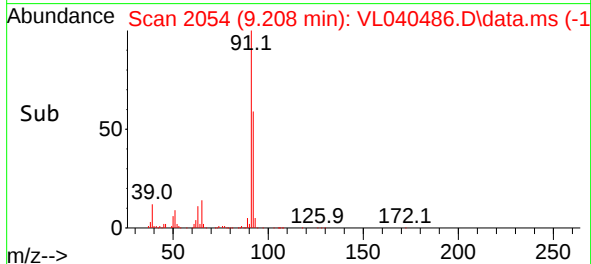
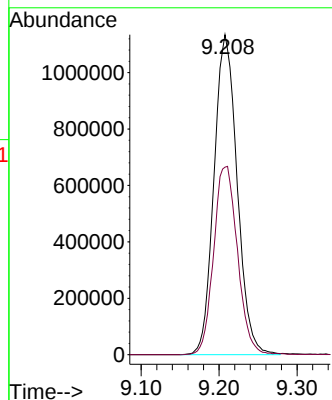
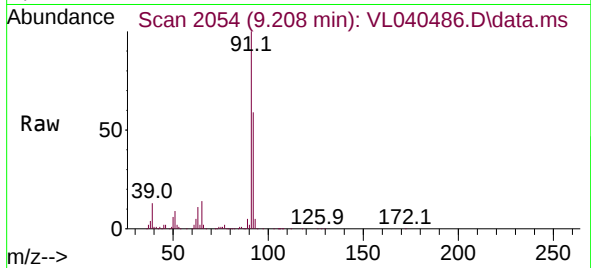
#53
Toluene
Concen: 11.165 ppbv
RT: 9.208 min Scan# 2060
Delta R.T. -0.019 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01

Tgt Ion: 91 Resp: 2344420
Ion Ratio Lower Upper
91 100
92 60.6 49.1 73.7

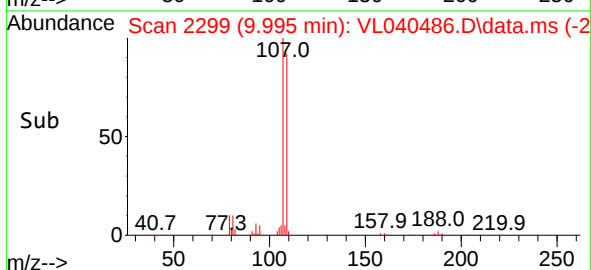
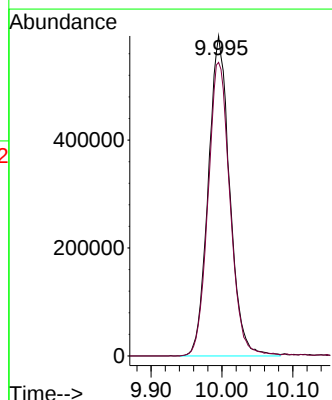
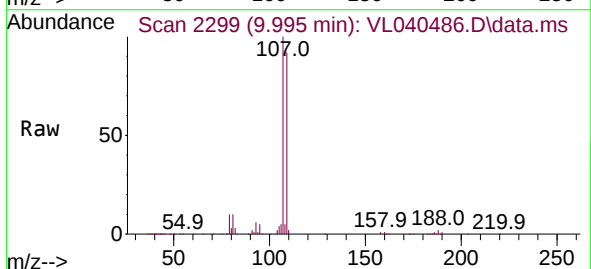
Manual Integrations
APPROVED

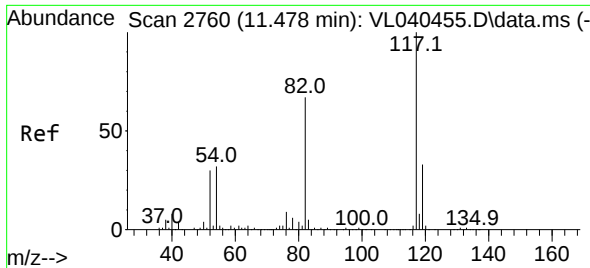
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#54
1,2-Dibromoethane
Concen: 11.263 ppbv
RT: 9.995 min Scan# 2299
Delta R.T. -0.023 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

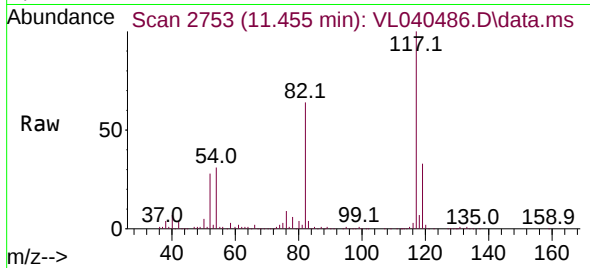
Tgt Ion:107 Resp: 1247178
Ion Ratio Lower Upper
107 100
109 91.7 74.5 111.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.455 min Scan# 21
Delta R.T. -0.023 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

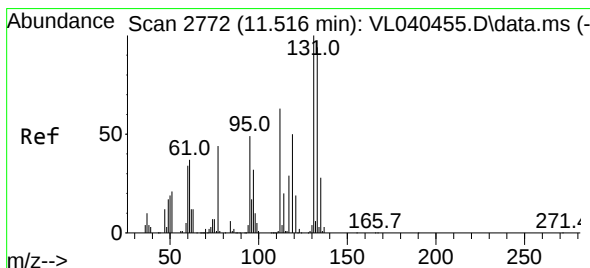
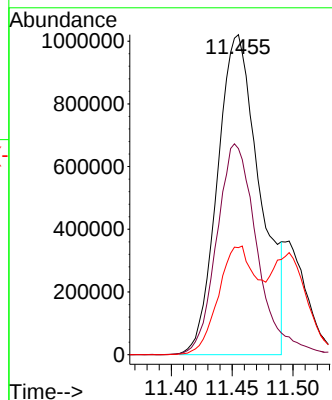
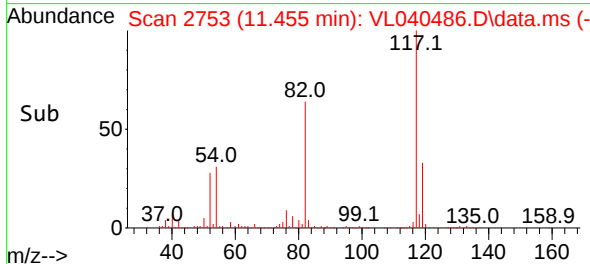
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01



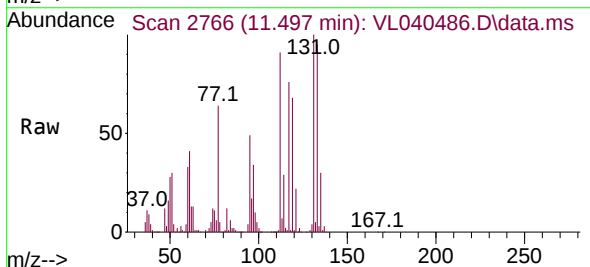
Tgt Ion:117 Resp: 2490514
Ion Ratio Lower Upper
117 100
82 63.1 53.0 79.4
119 31.6 24.4 36.6

Manual Integrations
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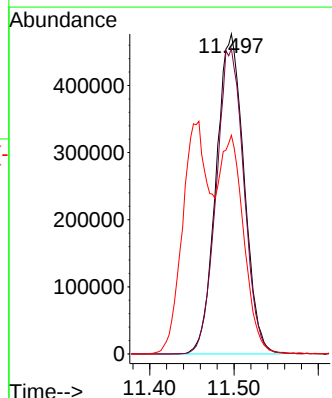
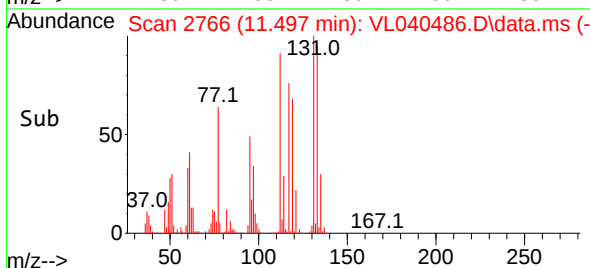
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

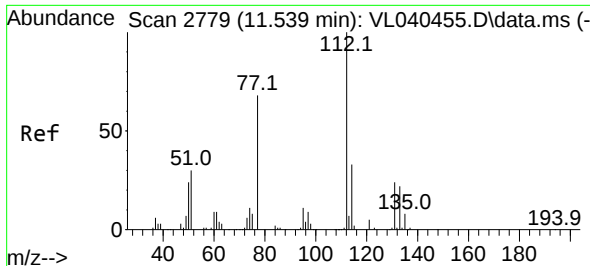


#56
1,1,1,2-Tetrachloroethane
Concen: 9.352 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. -0.019 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01



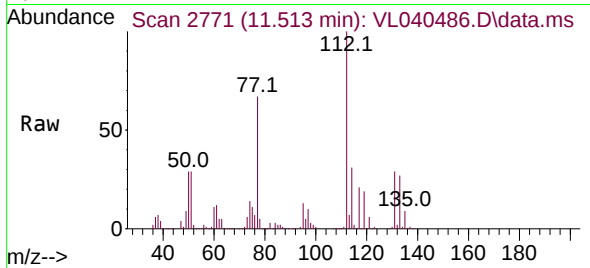
Tgt Ion:131 Resp: 1094655
Ion Ratio Lower Upper
131 100
133 95.1 75.7 113.5
119 59.4 51.4 77.2





#57
Chlorobenzene
Concen: 9.599 ppbv
RT: 11.513 min Scan# 211
Delta R.T. -0.026 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

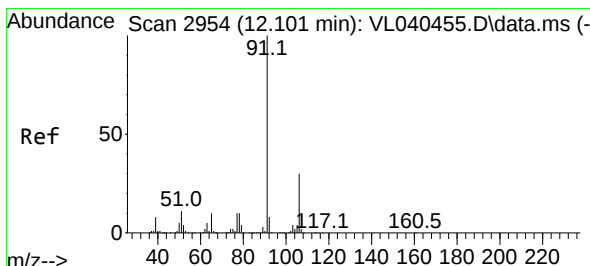
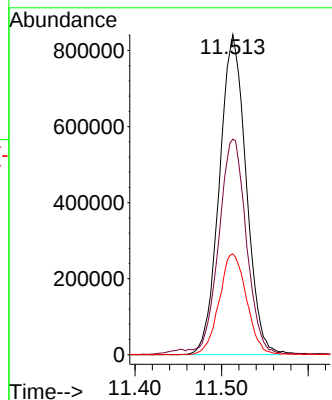
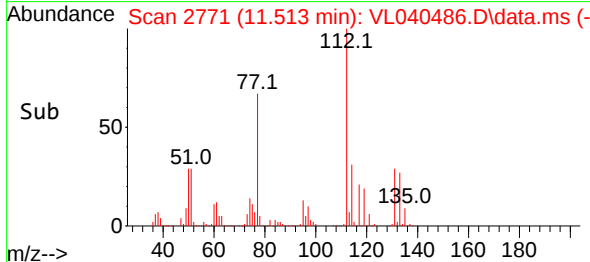
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01



Tgt Ion:112 Resp: 180689
Ion Ratio Lower Upper
112 100
77 66.7 55.4 83.2
114 31.4 30.0 36.6

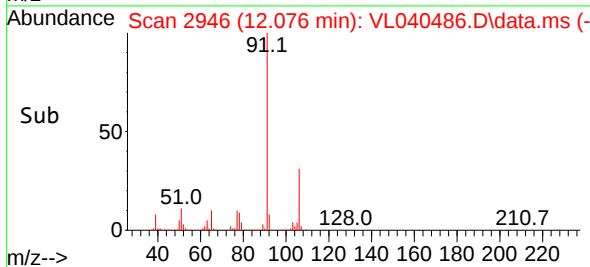
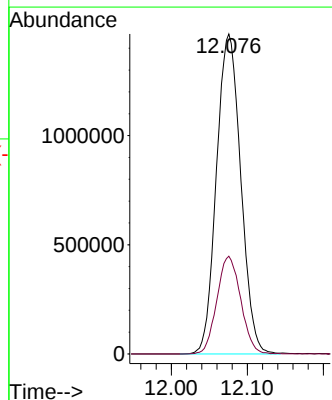
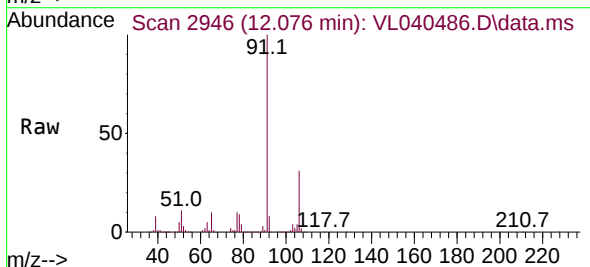
Manual Integrations
APPROVED

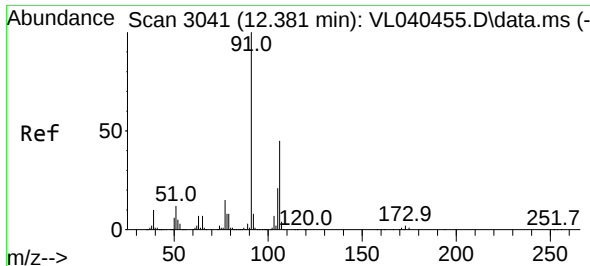
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#58
Ethyl Benzene
Concen: 10.766 ppbv
RT: 12.076 min Scan# 2946
Delta R.T. -0.026 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

Tgt Ion: 91 Resp: 3248662
Ion Ratio Lower Upper
91 100
106 30.5 23.7 35.5





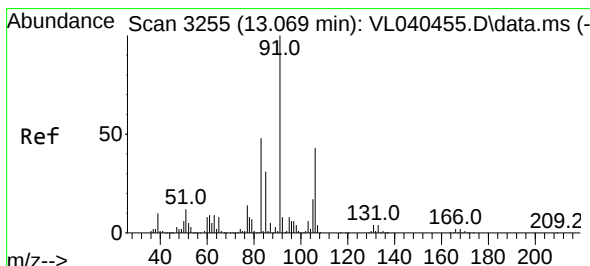
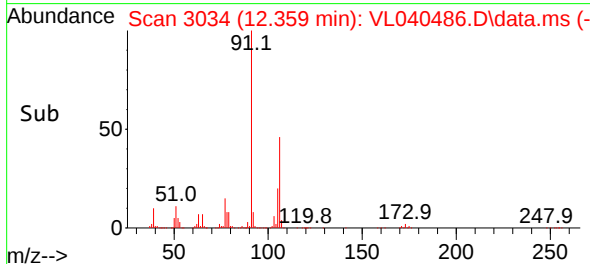
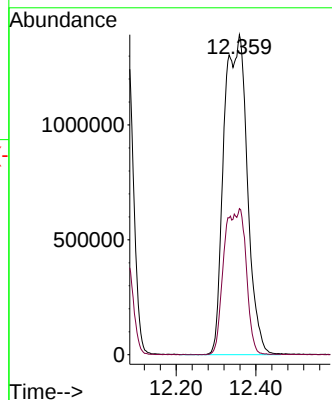
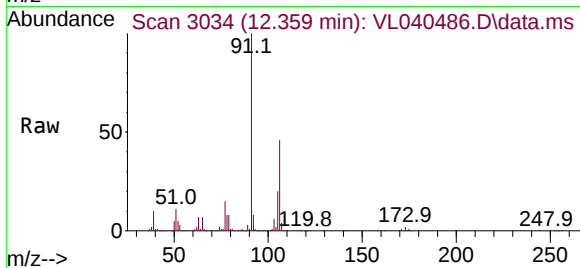
#59
m/p-Xylene
Concen: 20.374 ppbv m
RT: 12.359 min Scan# 3041
Delta R.T. -0.023 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01

Tgt Ion: 91 Resp: 5650058
Ion Ratio Lower Upper
91 100
106 43.5 34.6 52.0

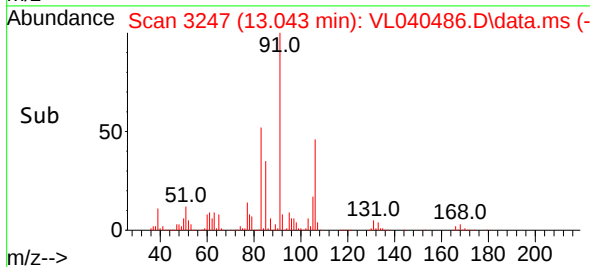
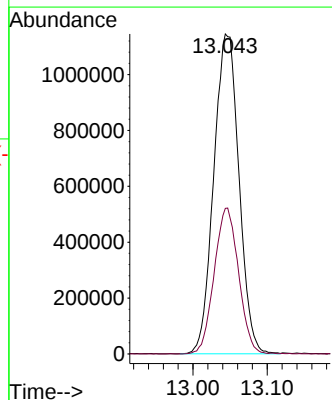
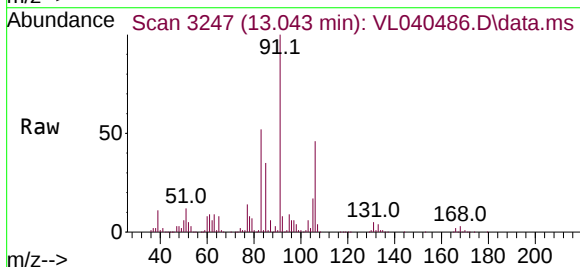
Manual Integrations
APPROVED

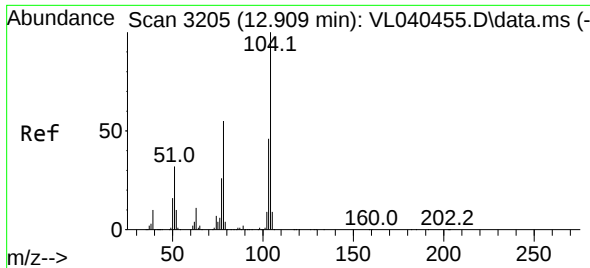
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#60
o-Xylene
Concen: 10.269 ppbv
RT: 13.043 min Scan# 3247
Delta R.T. -0.026 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

Tgt Ion: 91 Resp: 2701200
Ion Ratio Lower Upper
91 100
106 44.2 22.1 66.1





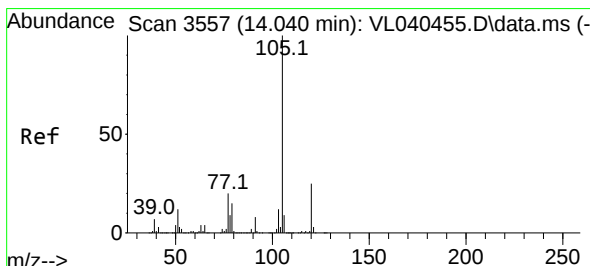
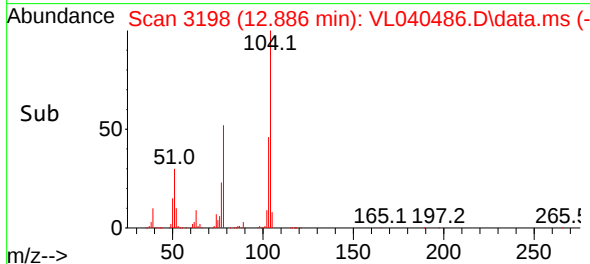
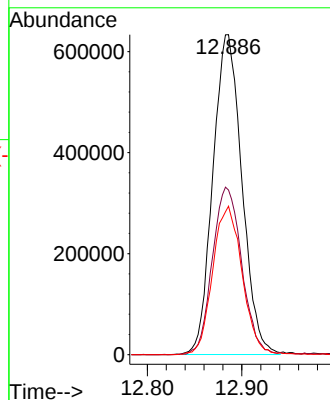
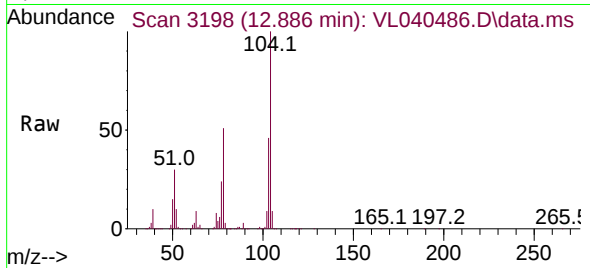
#61
Styrene
Concen: 11.926 ppbv
RT: 12.886 min Scan# 3198
Delta R.T. -0.023 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

Instrument : MSVOA_L
ClientSampleId : VL0622ABS01

Tgt Ion:104 Resp: 1350059
Ion Ratio Lower Upper
104 100
78 53.4 43.1 64.7
103 47.3 37.1 55.7

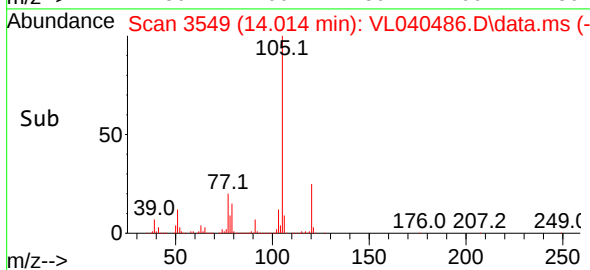
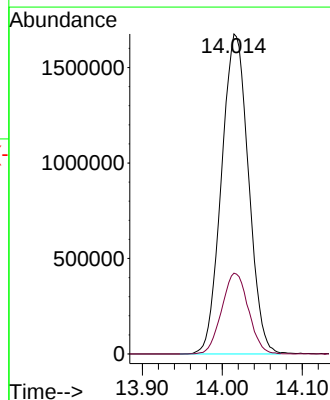
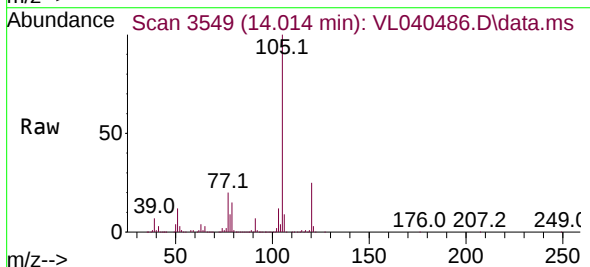
Manual Integrations
APPROVED

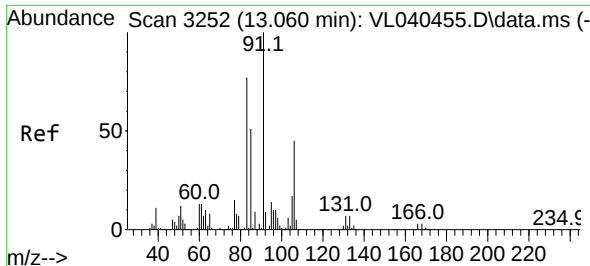
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#62
Isopropylbenzene
Concen: 10.043 ppbv
RT: 14.014 min Scan# 3549
Delta R.T. -0.026 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

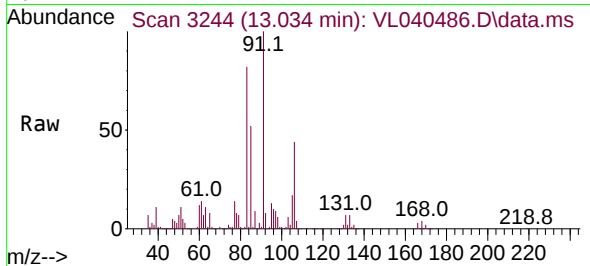
Tgt Ion:105 Resp: 3927070
Ion Ratio Lower Upper
105 100
120 25.0 20.2 30.4





#63
1,1,2,2-Tetrachloroethane
Concen: 9.883 ppbv
RT: 13.034 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

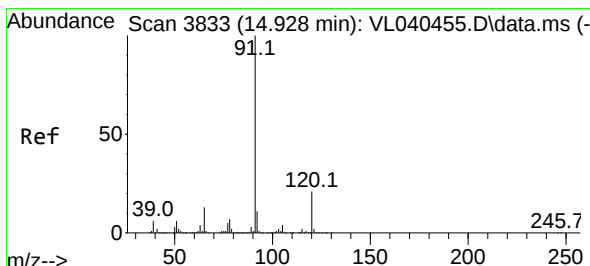
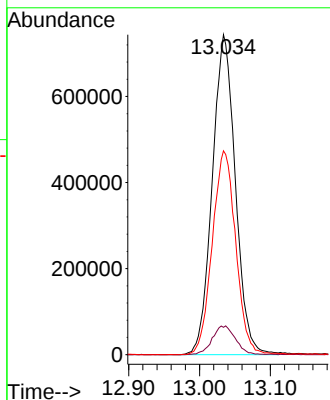
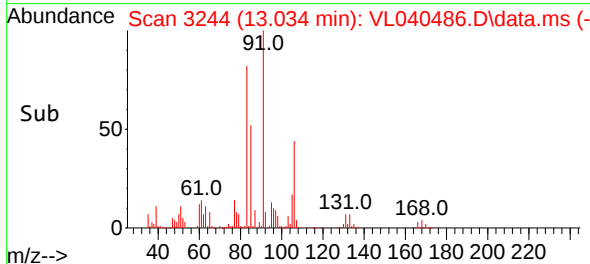
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01



Tgt Ion: 83 Resp: 168337
Ion Ratio Lower Upper
83 100
131 9.2 4.5 13.7
85 64.8 33.0 99.0

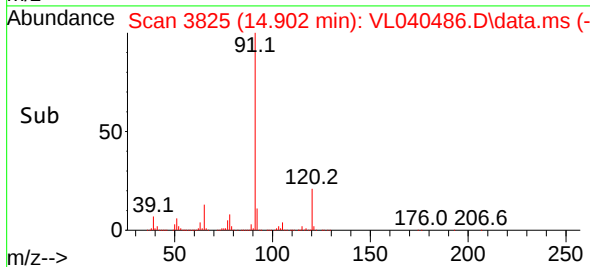
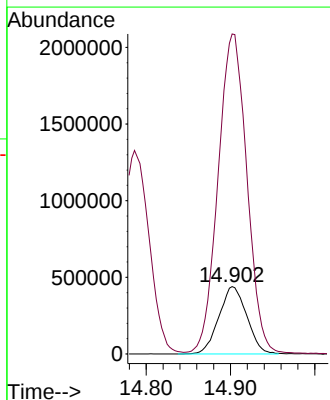
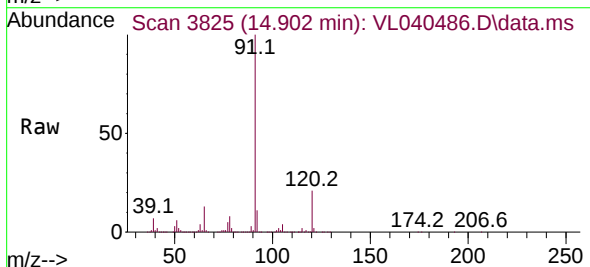
Manual Integrations
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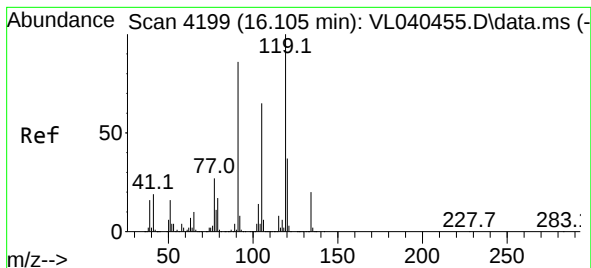
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#64
n-propylbenzene
Concen: 10.194 ppbv
RT: 14.902 min Scan# 3825
Delta R.T. -0.026 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

Tgt Ion:120 Resp: 1011996
Ion Ratio Lower Upper
120 100
91 492.8 388.5 582.7





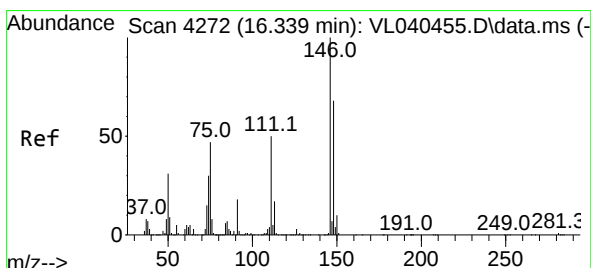
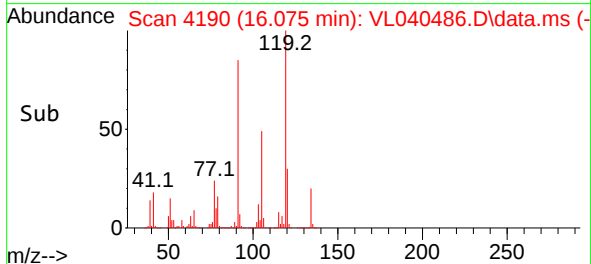
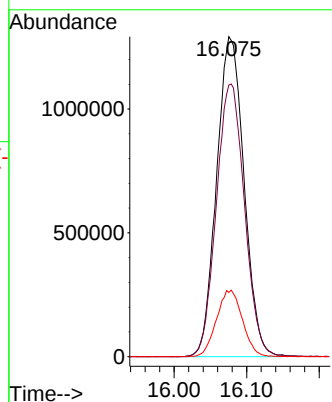
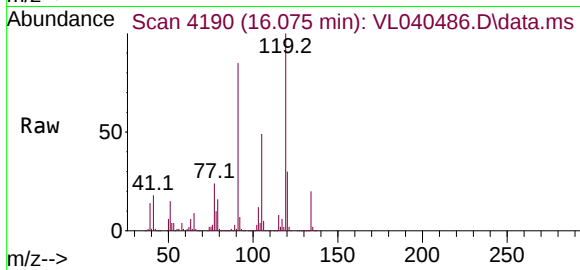
#65
tert-Butylbenzene
Concen: 10.124 ppbv
RT: 16.075 min Scan# 4199
Delta R.T. -0.029 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01

Tgt Ion:119 Resp: 339629
Ion Ratio Lower Upper
119 100
91 87.5 70.5 105.7
134 19.7 15.6 23.4

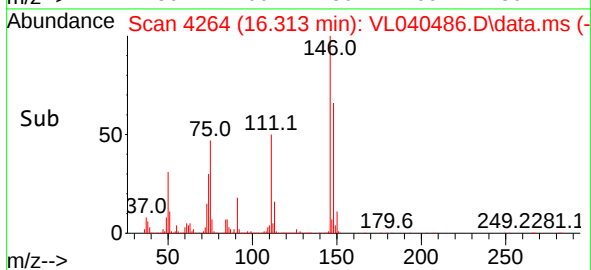
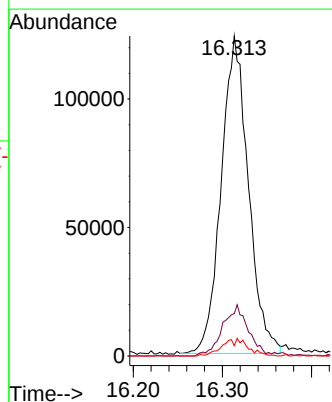
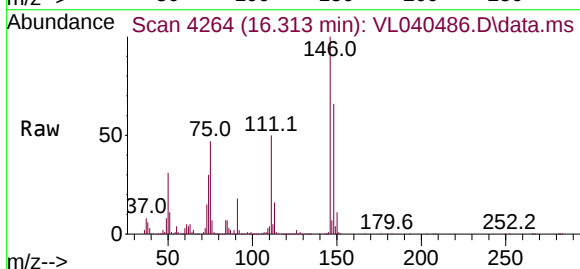
Manual Integrations
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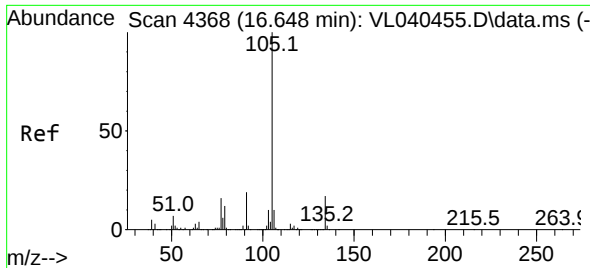
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#66
Benzyl Chloride
Concen: 10.111 ppbv
RT: 16.313 min Scan# 4264
Delta R.T. -0.026 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

Tgt Ion: 91 Resp: 261385
Ion Ratio Lower Upper
91 100
126 15.8 13.2 19.8
128 5.3 4.6 6.8





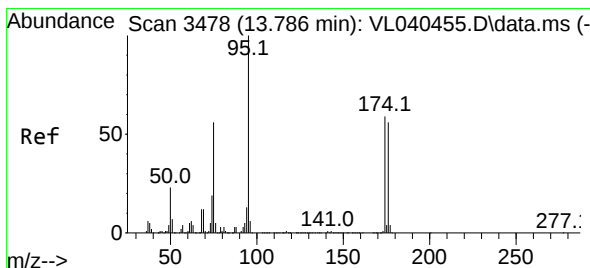
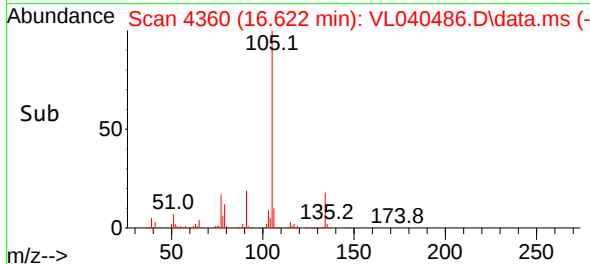
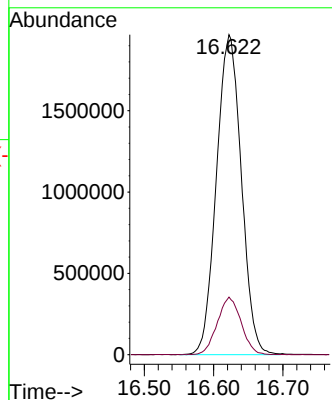
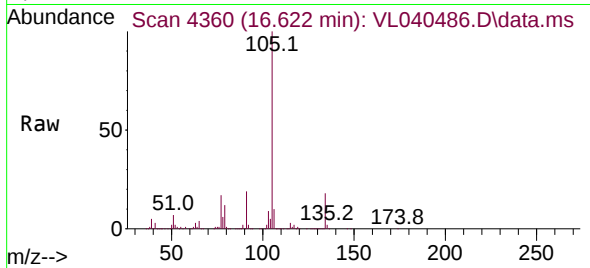
#67
 sec-Butylbenzene
 Concen: 10.036 ppbv
 RT: 16.622 min Scan# 41
 Delta R.T. -0.026 min
 Lab File: VL040486.D
 Acq: 22 Jun 2023 15:01

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0622ABS01

Tgt Ion:105 Resp: 490932
 Ion Ratio Lower Upper
 105 100
 134 17.3 14.0 21.0

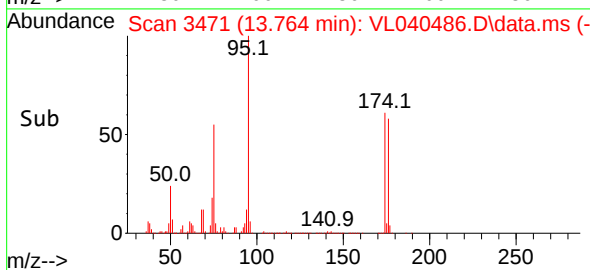
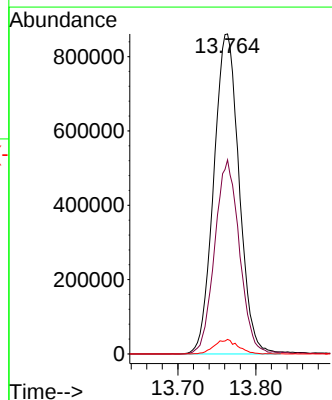
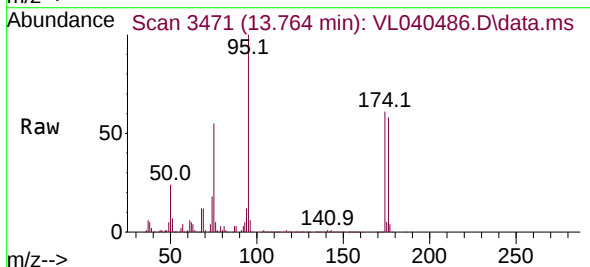
Manual Integrations
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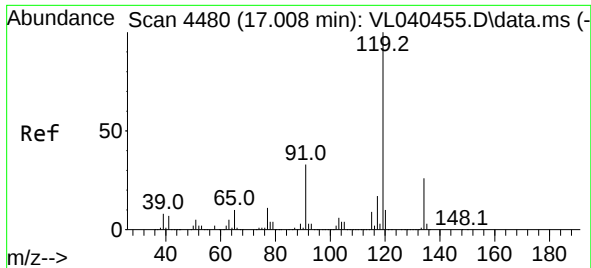
Reviewed By :Krupa Patel 06/27/2023
 Supervised By :Mahesh Dadoda 06/27/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.452 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. -0.023 min
 Lab File: VL040486.D
 Acq: 22 Jun 2023 15:01

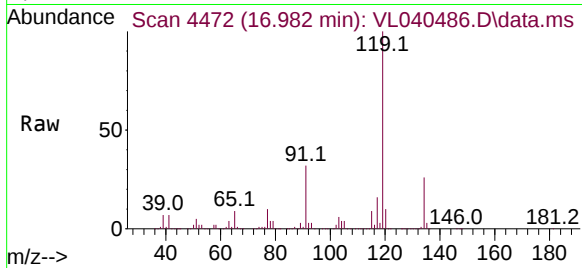
Tgt Ion: 95 Resp: 1942906
 Ion Ratio Lower Upper
 95 100
 174 59.6 47.7 71.5
 175 4.3 3.5 5.3





#69
p-Isopropyltoluene
Concen: 10.315 ppbv
RT: 16.982 min Scan# 4480
Delta R.T. -0.026 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

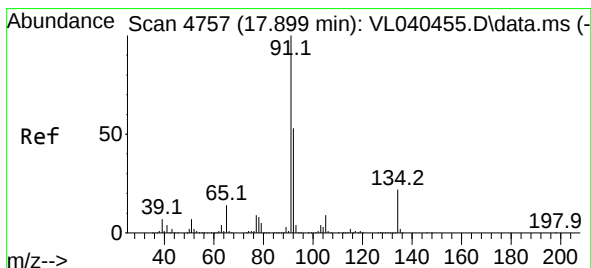
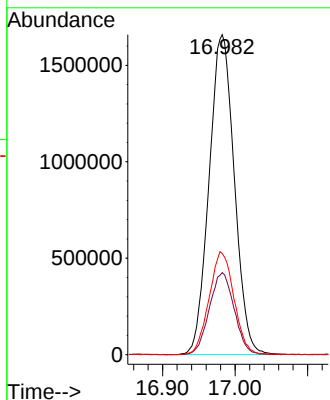
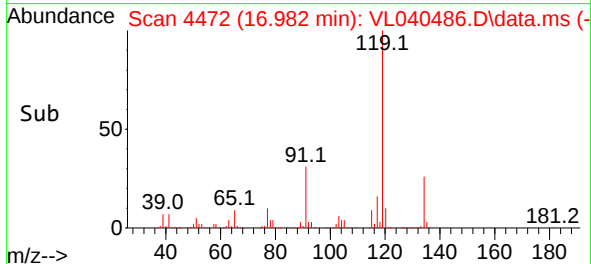
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01



Tgt Ion: 119 Resp: 4009710
Ion Ratio Lower Upper
119 100
134 25.4 20.3 30.5
91 31.7 25.5 38.3

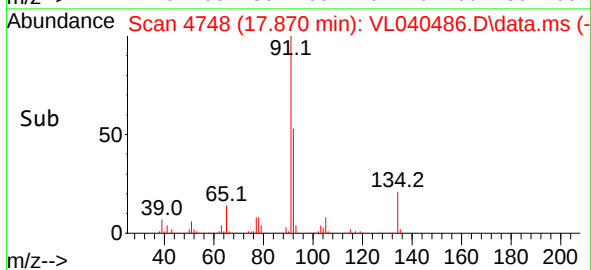
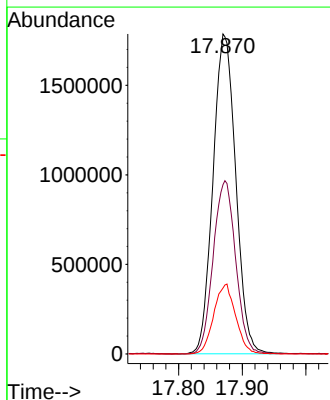
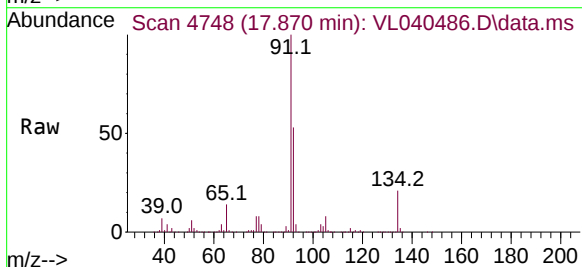
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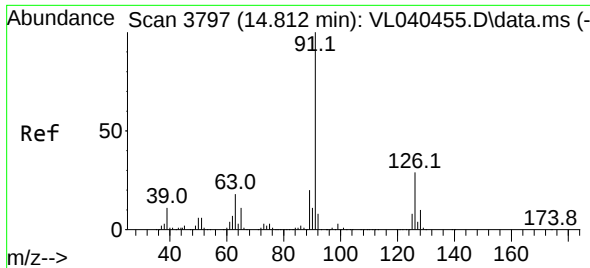
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#70
n-Butylbenzene
Concen: 10.215 ppbv
RT: 17.870 min Scan# 4748
Delta R.T. -0.029 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

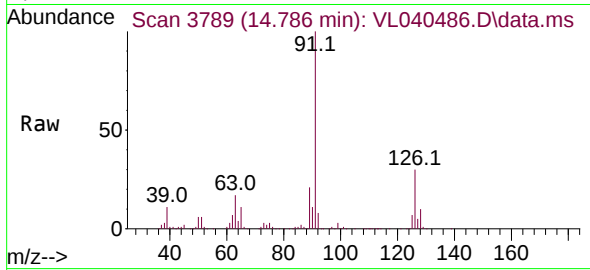
Tgt Ion: 91 Resp: 4432530
Ion Ratio Lower Upper
91 100
92 53.6 42.7 64.1
134 21.1 16.9 25.3





#71
2-Chlorotoluene
Concen: 10.514 ppbv
RT: 14.786 min Scan# 3111
Delta R.T. -0.026 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

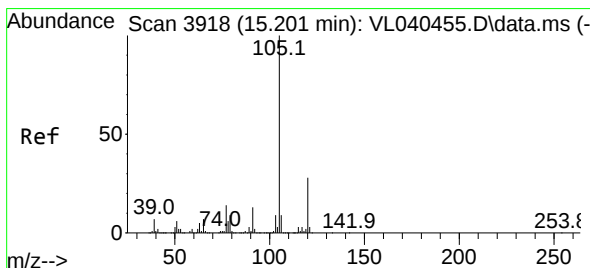
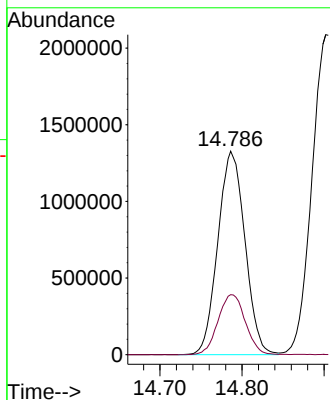
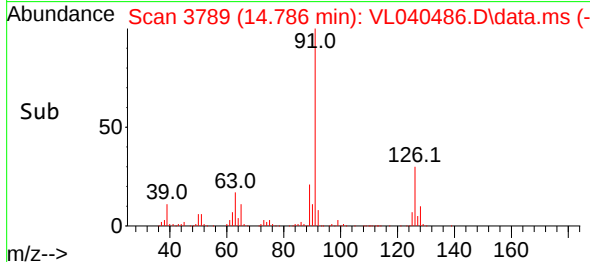
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01



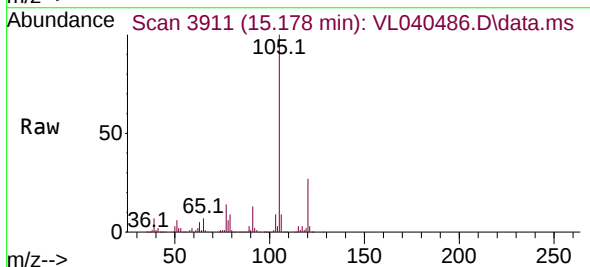
Tgt Ion: 91 Resp: 305265
Ion Ratio Lower Upper
91 100
126 29.7 12.0 48.2

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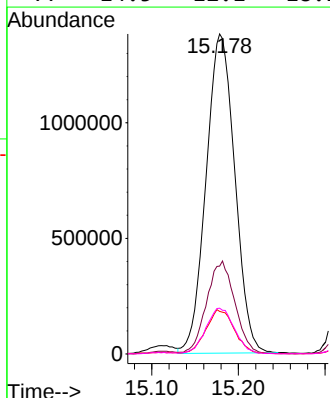
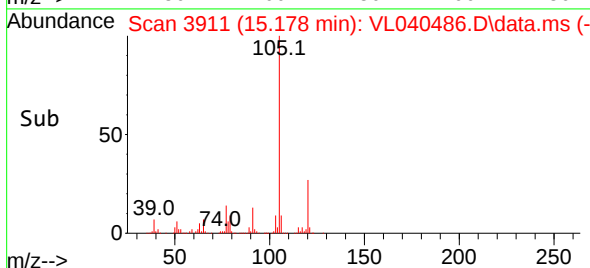
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

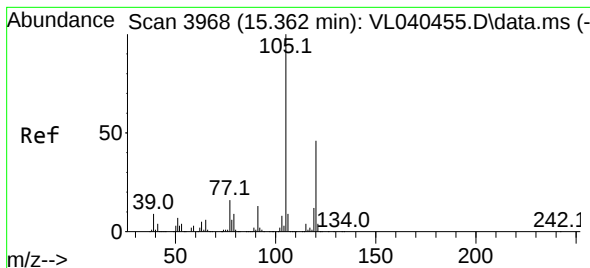


#72
4-Ethyltoluene
Concen: 10.741 ppbv
RT: 15.178 min Scan# 3911
Delta R.T. -0.023 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01



Tgt Ion:105 Resp: 3182155
Ion Ratio Lower Upper
105 100
120 28.7 23.4 35.0
91 14.3 11.1 16.7
77 14.5 12.1 18.1





#73

1,3,5-Trimethylbenzene

Concen: 10.480 ppbv

RT: 15.336 min Scan# 3960

Delta R.T. -0.026 min

Lab File: VL040486.D

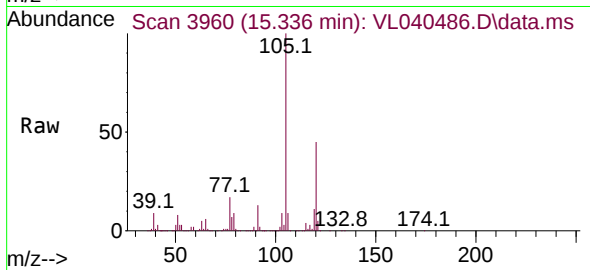
Acq: 22 Jun 2023 15:01

Instrument :

MSVOA_L

ClientSampleId :

VL0622ABS01



Tgt Ion:105 Resp: 2744309

Ion Ratio Lower Upper

105 100

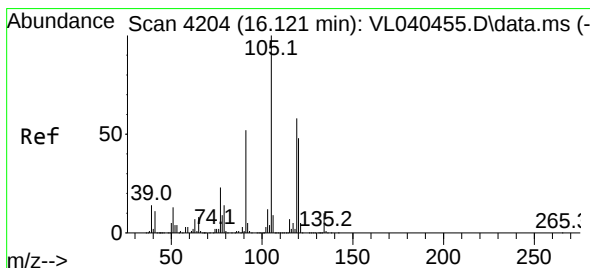
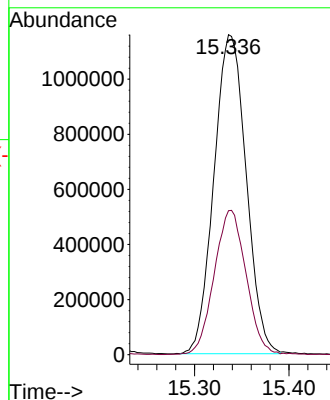
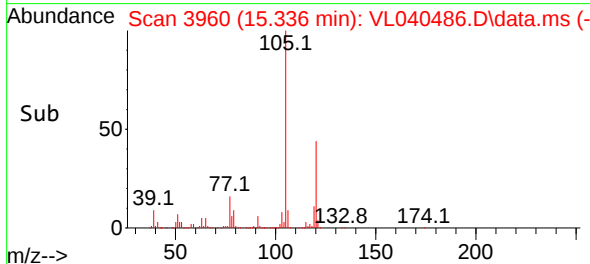
120 45.0 36.4 54.6

Manual Integrations

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Reviewed By :Krupa Patel 06/27/2023

Supervised By :Mahesh Dadoda 06/27/2023



#74

1,2,4-Trimethylbenzene

Concen: 10.063 ppbv

RT: 16.095 min Scan# 4196

Delta R.T. -0.026 min

Lab File: VL040486.D

Acq: 22 Jun 2023 15:01

Tgt Ion:105 Resp: 3100007

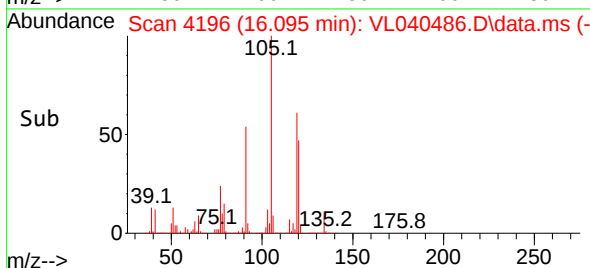
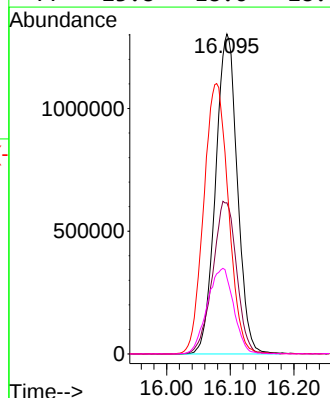
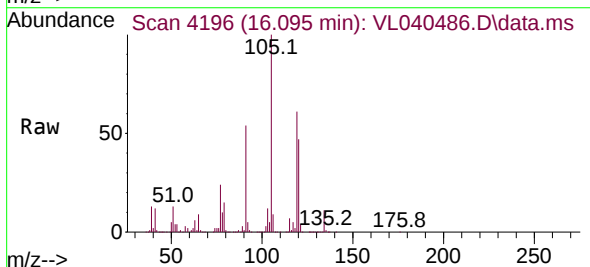
Ion Ratio Lower Upper

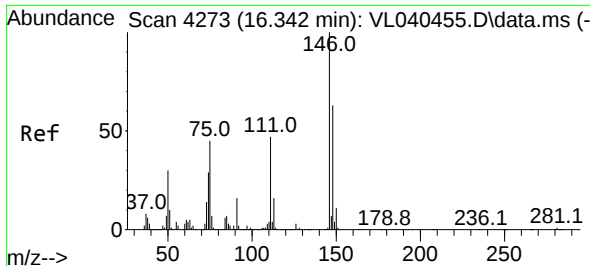
105 100

120 47.2 38.4 57.6

91 53.5 41.3 61.9

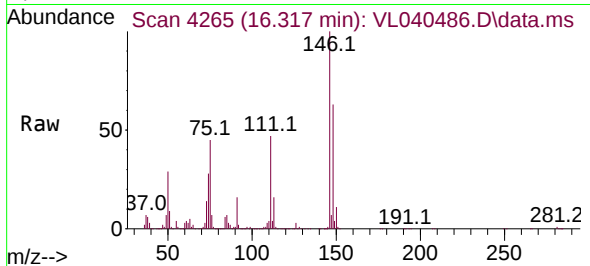
77 23.8 18.6 28.0





#75
1,3-Dichlorobenzene
Concen: 9.953 ppbv
RT: 16.317 min Scan# 41
Delta R.T. -0.026 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

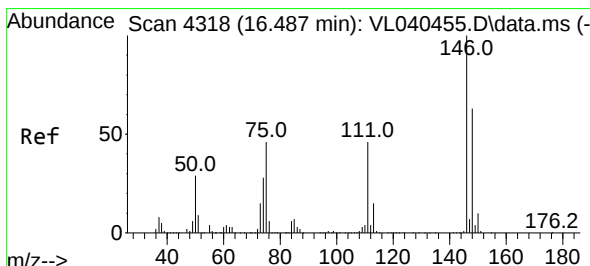
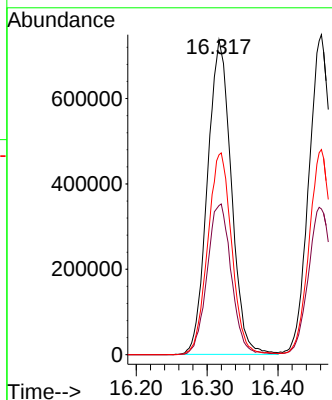
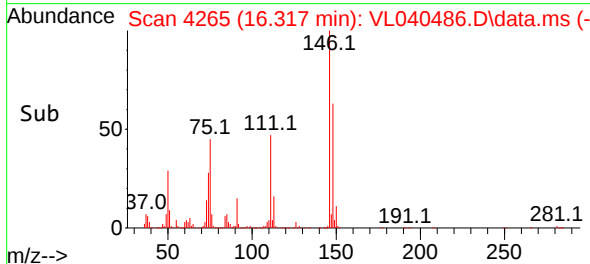
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01



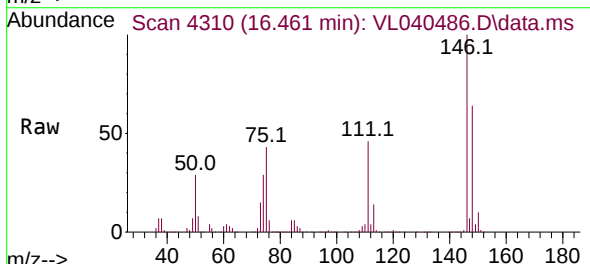
Tgt Ion:146 Resp: 171988
Ion Ratio Lower Upper
146 100
111 48.7 24.6 73.8
148 64.7 32.4 97.2

Manual Integrations
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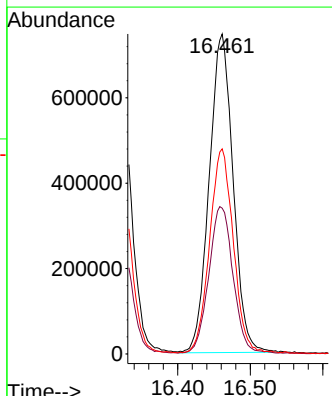
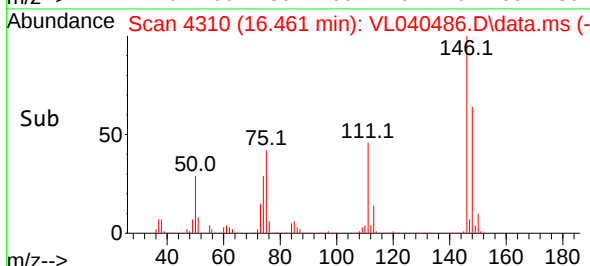
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

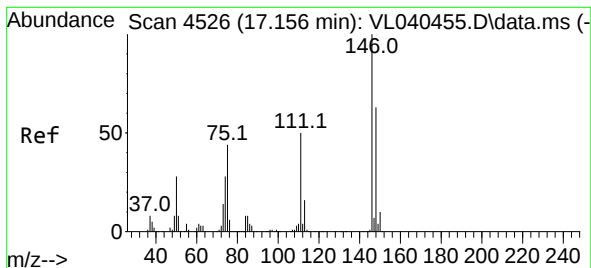


#76
1,4-Dichlorobenzene
Concen: 10.153 ppbv
RT: 16.461 min Scan# 4310
Delta R.T. -0.026 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01



Tgt Ion:146 Resp: 1705974
Ion Ratio Lower Upper
146 100
111 47.4 23.8 71.5
148 64.8 32.9 98.6





#77

1,2-Dichlorobenzene

Concen: 9.886 ppbv

RT: 17.127 min Scan# 4517

Delta R.T. -0.029 min

Lab File: VL040486.D

Acq: 22 Jun 2023 15:01

Instrument :

MSVOA_L

ClientSampleId :

VL0622ABS01

Tgt Ion:146 Resp: 1613779

Ion Ratio Lower Upper

146 100

111 49.4 25.1 75.3

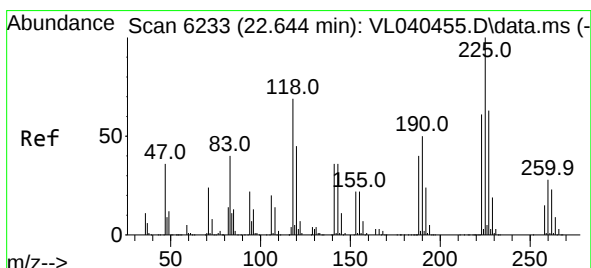
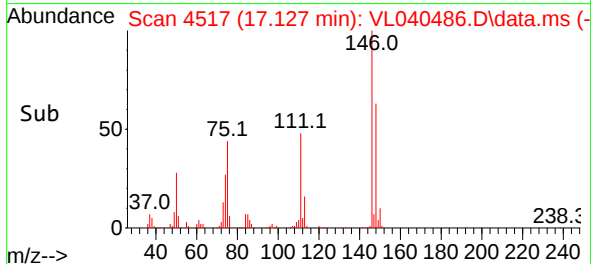
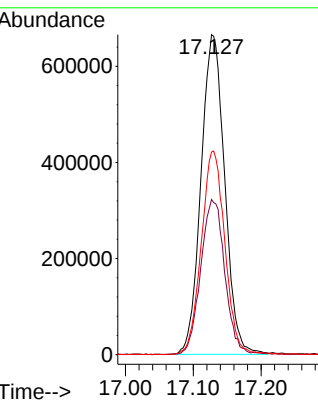
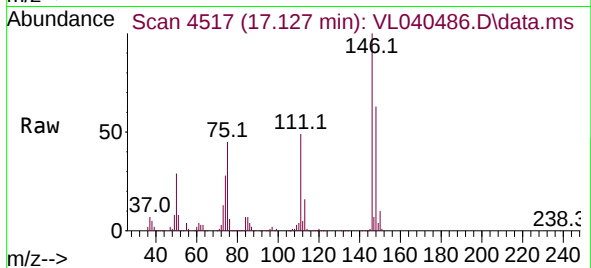
148 63.7 32.0 96.2

Manual Integrations

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Reviewed By :Krupa Patel 06/27/2023

Supervised By :Mahesh Dadoda 06/27/2023



#78

Hexachloro-1,3-Butadiene

Concen: 9.130 ppbv

RT: 22.619 min Scan# 6225

Delta R.T. -0.026 min

Lab File: VL040486.D

Acq: 22 Jun 2023 15:01

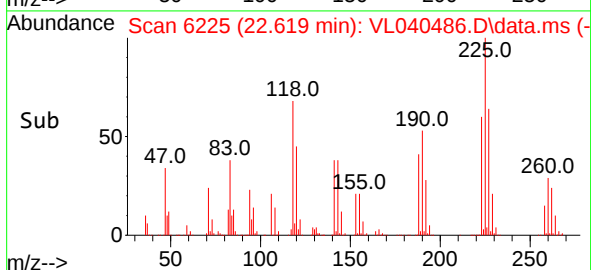
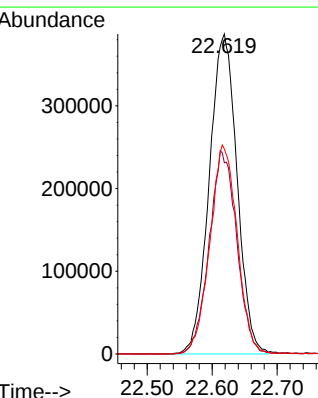
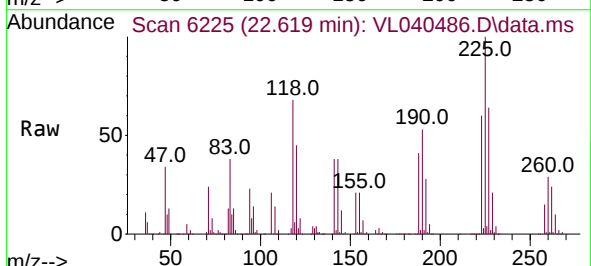
Tgt Ion:225 Resp: 1149510

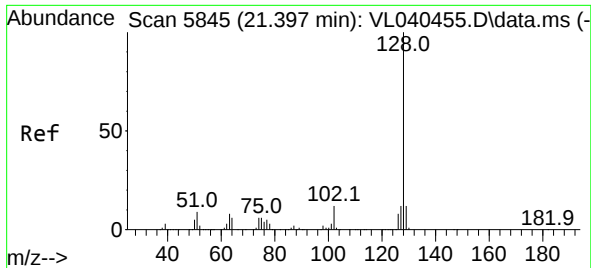
Ion Ratio Lower Upper

225 100

223 63.2 50.0 75.0

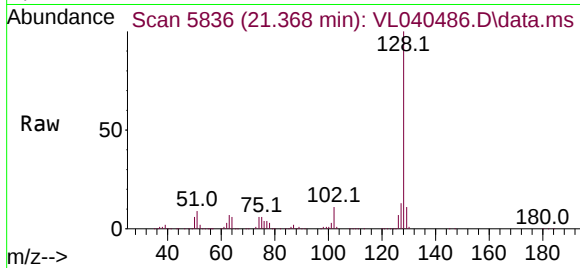
227 64.3 50.9 76.3





#79
Naphthalene
Concen: 12.737 ppbv
RT: 21.368 min Scan# 5836
Delta R.T. -0.029 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

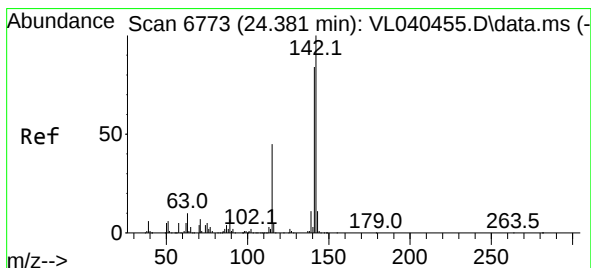
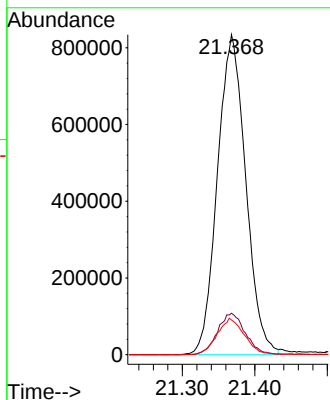
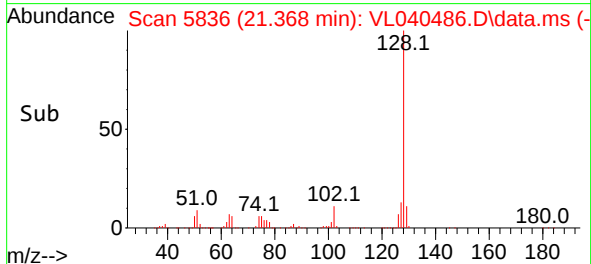
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01



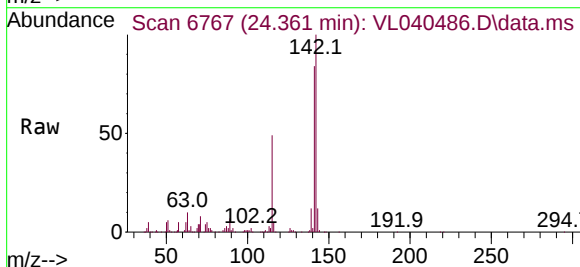
Tgt Ion:128 Resp: 225990
Ion Ratio Lower Upper
128 100
127 12.9 9.9 14.9
129 10.9 9.2 13.8

Manual Integrations
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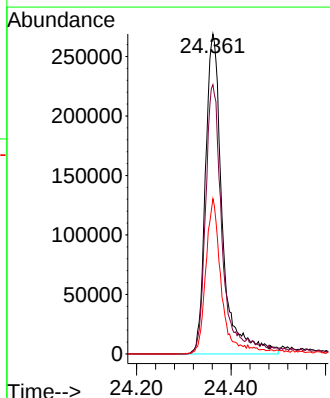
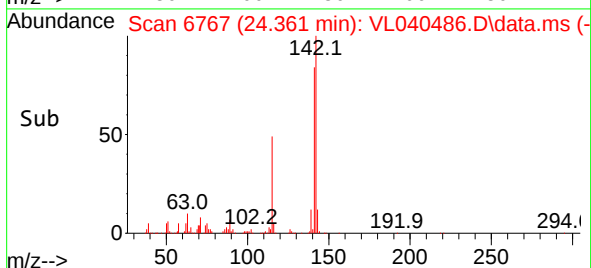
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

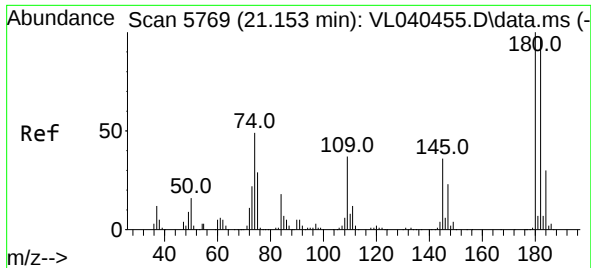


#80
Naphthalene,2-methyl-
Concen: 12.535 ppbv
RT: 24.361 min Scan# 6767
Delta R.T. -0.019 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01



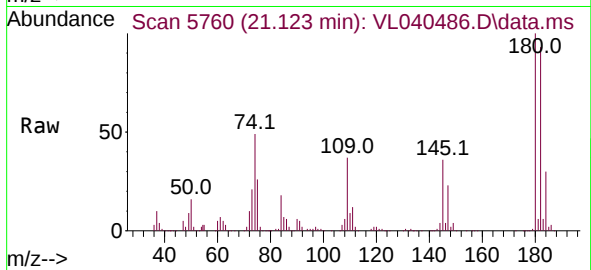
Tgt Ion:142 Resp: 667375
Ion Ratio Lower Upper
142 100
141 85.2 65.4 98.0
115 45.4 36.6 55.0





#81
1,2,4-Trichlorobenzene
Concen: 11.799 ppbv
RT: 21.123 min Scan# 51
Delta R.T. -0.029 min
Lab File: VL040486.D
Acq: 22 Jun 2023 15:01

Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01



Tgt Ion:180 Resp: 1296799
Ion Ratio Lower Upper
180 100
182 96.3 77.2 115.8
184 30.8 24.4 36.6

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

