

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051123\
 Data File : VL040402.D
 Acq On : 11 May 2023 16:03
 Operator : SY/MD
 Sample : VL0511ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0511ABS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/15/2023
 Supervised By :Mahesh Dadoda 05/15/2023

Quant Time: May 12 05:54:05 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2023

QLast Update : Thu Apr 13 14:37:02 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	1114019	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2894753	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2802741m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.777 95 2101963 9.069 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 90.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.710	85	1543144	7.683	ppbv	99
3) Chlorodifluoromethane	2.655	51	1309269	8.994	ppbv	100
4) Chloromethane	2.793	50	837199	9.104	ppbv	97
5) Vinyl Chloride	2.902	62	730681	9.626	ppbv	98
6) Bromomethane	3.102	94	234684	9.384	ppbv	100
7) Chloroethane	3.179	64	268902	9.355	ppbv	93
8) Dichlorotetrafluoroethane	2.838	85	1781232	9.074	ppbv	97
9) Propene	2.674	41	549329	9.552	ppbv	100
10) Heptane	7.574	43	1395584	10.678	ppbv	100
11) Trichlorofluoromethane	3.546	101	1777159	8.740	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.050	101	1282831	9.020	ppbv	99
13) Ethanol	3.224	45	36432	7.588	ppbv	99
14) Bromoethene	3.349	108	557705	9.590	ppbv	97
15) Acetone	3.449	43	1310058	8.303	ppbv	98
16) 1,3-Butadiene	2.967	39	644669	9.873	ppbv	99
17) tert-Butyl alcohol	3.861	59	1420780	9.806	ppbv	100
18) 1,1-Dichloroethene	3.864	96	595313	9.281	ppbv	97
19) Isopropyl Alcohol	3.558	45	673158	9.350	ppbv	99
20) Methylene Chloride	3.919	84	502142	7.971	ppbv	99
21) Allyl Chloride	3.983	41	883026	9.849	ppbv	99
22) trans-1,2-Dichloroethene	4.430	96	602065	9.389	ppbv	96
23) Vinyl Acetate	4.613	43	387998	9.658	ppbv	97
24) 1,1-Dichloroethane	4.552	63	1236003	9.245	ppbv	99
25) Ethyl Acetate	5.192	43	2578669	9.712	ppbv	100
26) Hexane	5.201	57	1112966	9.943	ppbv	97
27) Carbon Disulfide	4.108	76	1483443	10.241	ppbv	99
28) Methyl tert-Butyl Ether	4.571	73	1140812	9.873	ppbv	99
29) Chloroform	5.263	83	1874497	9.401	ppbv	99
30) Cyclohexane	6.594	84	945169	10.903	ppbv	99
31) cis-1,2-Dichloroethene	5.066	61	1163464	10.487	ppbv	100
32) 1,1,1-Trichloroethane	5.992	97	1903580	9.826	ppbv	99
34) 2-Butanone	4.774	43	1529063	9.796	ppbv	98
35) Carbon Tetrachloride	6.484	117	1924083	9.442	ppbv	99
36) Benzene	6.362	78	2382538	10.088	ppbv	98
37) 1,2-Dichloroethane	5.796	62	1458086	9.399	ppbv	98
38) Trichloroethene	7.285	130	1447854	10.771	ppbv	98
39) 1,2-Dichloropropane	7.066	63	909447	9.786	ppbv	95
40) 1,4-Dioxane	7.282	88	329355	9.254	ppbv #	99
41) Tetrahydrofuran	5.545	42	893812	10.456	ppbv	99
42) Bromodichloromethane	7.243	83	2063518	9.740	ppbv	99
43) Methyl Methacrylate	7.465	69	947991	10.807	ppbv	99
44) 2,2,4-Trimethylpentane	7.320	57	3846389	9.750	ppbv	99
45) t-1,3-Dichloropropene	8.706	75	930141	11.871	ppbv	98

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Manual Integrations
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Reviewed By :Krupa Patel 05/15/2023
 Supervised By :Mahesh Dadoda 05/15/2023

Quant Time: May 12 05:54:05 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M

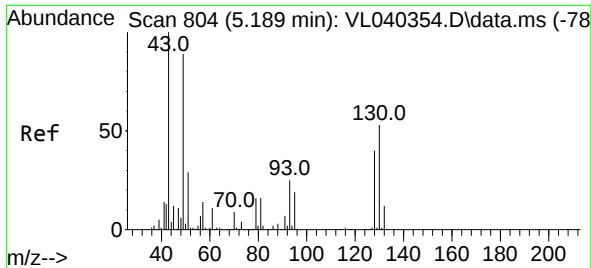
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Apr 13 14:37:02 2023

Response via : Initial Calibration

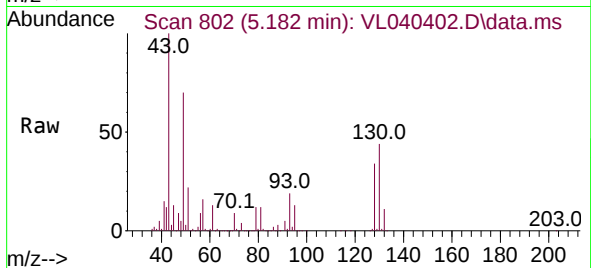
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	1255641	11.513	ppbv	97
47) 1,1,2-Trichloroethane	8.896	97	1006926	9.882	ppbv	96
48) Dibromochloromethane	9.709	129	1709717	10.419	ppbv	100
49) Bromoform	12.407	173	1384627	10.819	ppbv	99
50) 4-Methyl-2-Pentanone	8.172	43	2361473	9.978	ppbv	99
51) 2-Hexanone	9.545	43	1847551	10.564	ppbv #	99
52) Tetrachloroethene	10.613	164	823064	11.141	ppbv	99
53) Toluene	9.217	91	2735419	10.925	ppbv	99
54) 1,2-Dibromoethane	10.005	107	1104242	10.690	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.507	131	1217751	9.519	ppbv	96
57) Chlorobenzene	11.526	112	2103461	9.585	ppbv	98
58) Ethyl Benzene	12.089	91	3704781	10.746	ppbv	97
59) m/p-Xylene	12.372	91	6278684m	19.803	ppbv	
60) o-Xylene	13.056	91	3048155	10.017	ppbv	99
61) Styrene	12.899	104	1805585	11.846	ppbv	98
62) Isopropylbenzene	14.031	105	4317284	9.852	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.050	83	945419	8.490	ppbv	99
64) n-propylbenzene	14.921	120	1101681	10.217	ppbv	95
65) tert-Butylbenzene	16.092	119	3773326	9.787	ppbv	98
66) Benzyl Chloride	16.330	91	265998	11.143	ppbv	99
67) sec-Butylbenzene	16.638	105	5330251	9.625	ppbv	99
69) p-Isopropyltoluene	16.995	119	4296273	9.935	ppbv	98
70) n-Butylbenzene	17.889	91	4654551	9.710	ppbv	99
71) 2-Chlorotoluene	14.802	91	3347414	9.950	ppbv	98
72) 4-Ethyltoluene	15.195	105	3534544	10.522	ppbv	99
73) 1,3,5-Trimethylbenzene	15.352	105	3126200	10.075	ppbv	98
74) 1,2,4-Trimethylbenzene	16.111	105	3405455	9.602	ppbv	92
75) 1,3-Dichlorobenzene	16.333	146	1912310	9.844	ppbv	99
76) 1,4-Dichlorobenzene	16.477	146	1878645	9.788	ppbv	99
77) 1,2-Dichlorobenzene	17.143	146	1818231	9.466	ppbv	99
78) Hexachloro-1,3-Butadiene	22.641	225	1405145	9.124	ppbv	100
79) Naphthalene	21.384	128	2972627	12.416	ppbv	99
80) Naphthalene,2-methyl-	24.374	142	1027556	14.419	ppbv	97
81) 1,2,4-Trichlorobenzene	21.143	180	1533899	10.426	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: VL040402.D
Acq: 11 May 2023 16:03

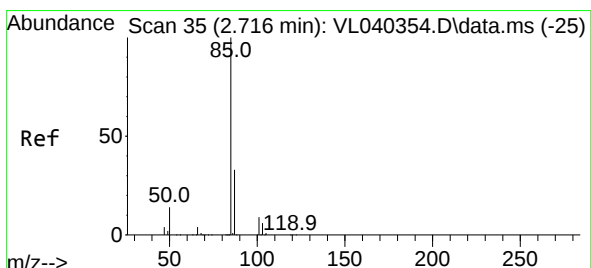
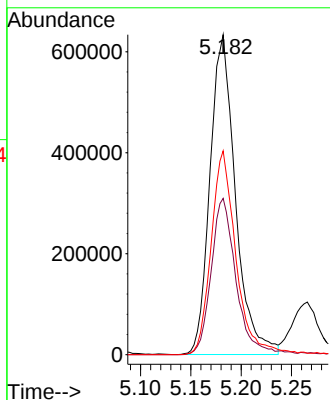
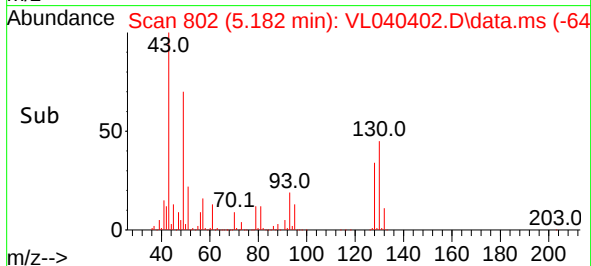
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01



Tgt Ion: 49 Resp: 1114019
Ion Ratio Lower Upper
49 100
128 48.8 23.7 71.1
130 63.1 29.9 89.8

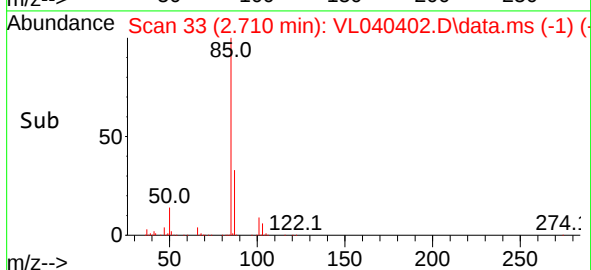
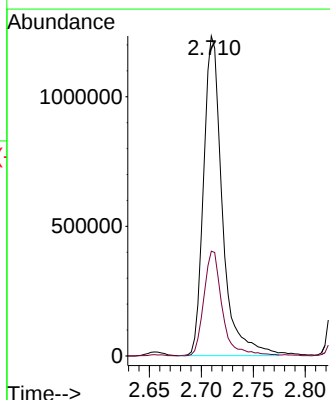
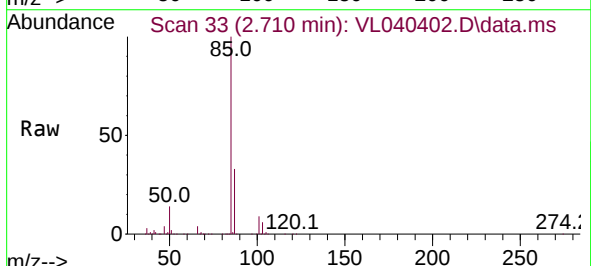
Manual Integrations
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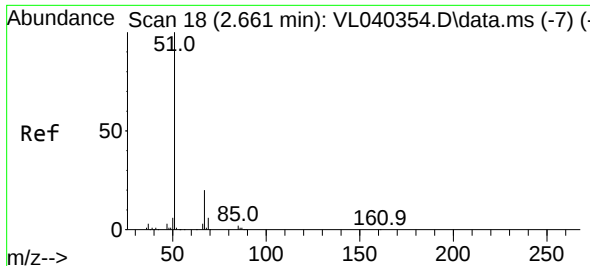
Reviewed By :Krupa Patel 05/15/2023
Supervised By :Mahesh Dadoda 05/15/2023



#2
Dichlorodifluoromethane
Concen: 7.683 ppbv
RT: 2.710 min Scan# 33
Delta R.T. -0.006 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

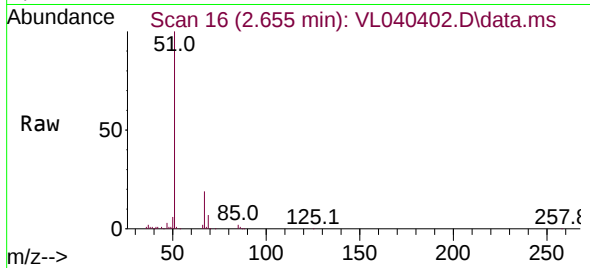
Tgt Ion: 85 Resp: 1543144
Ion Ratio Lower Upper
85 100
87 32.7 26.6 40.0





#3
Chlorodifluoromethane
Concen: 8.994 ppbv
RT: 2.655 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

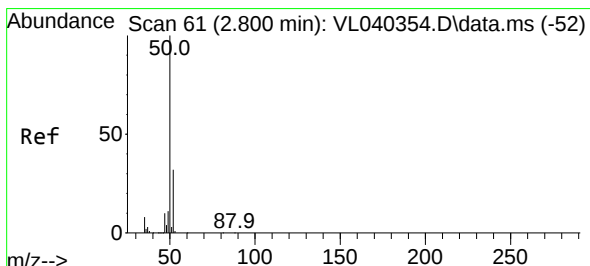
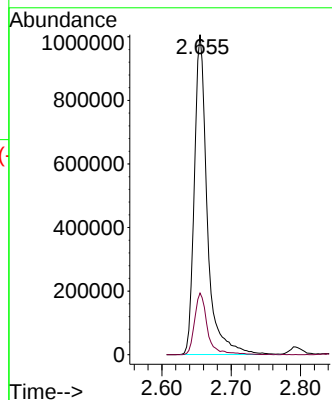
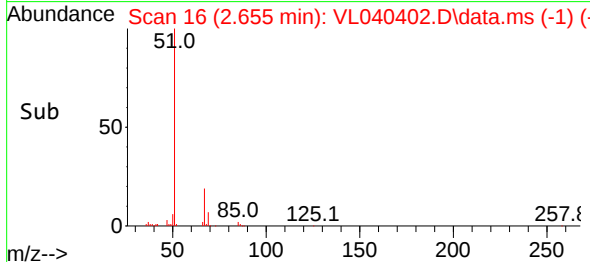
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01



Tgt Ion: 51 Resp: 1309269
Ion Ratio Lower Upper
51 100
67 19.3 15.5 23.3

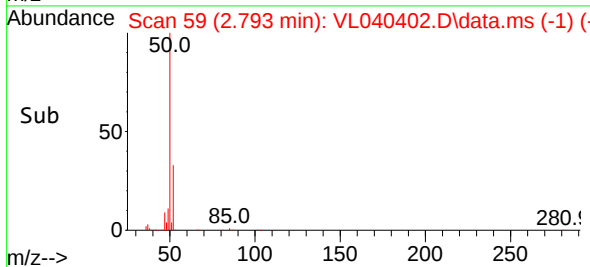
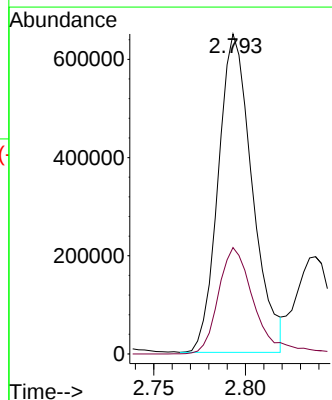
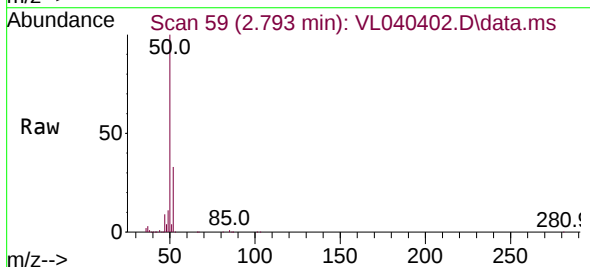
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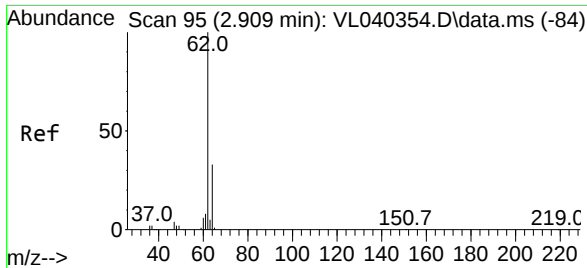
Reviewed By :Krupa Patel 05/15/2023
Supervised By :Mahesh Dadoda 05/15/2023



#4
Chloromethane
Concen: 9.104 ppbv
RT: 2.793 min Scan# 59
Delta R.T. -0.007 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

Tgt Ion: 50 Resp: 837199
Ion Ratio Lower Upper
50 100
52 33.4 25.3 37.9





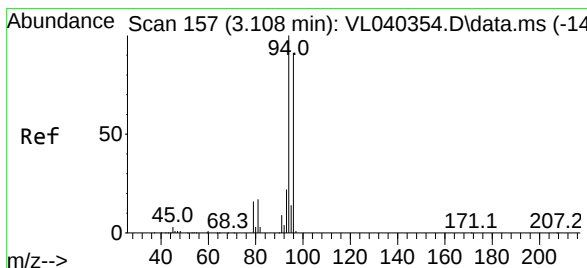
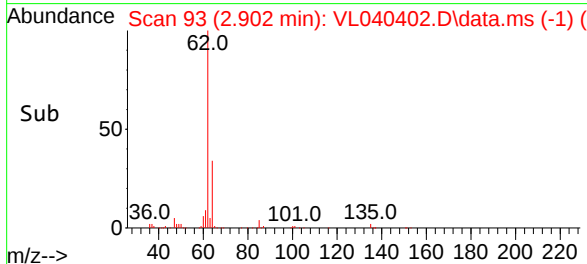
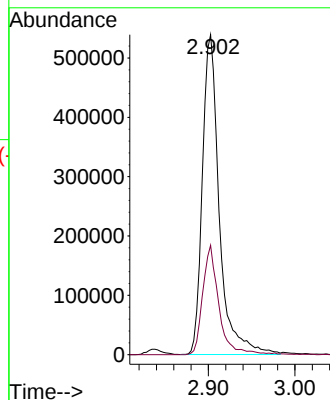
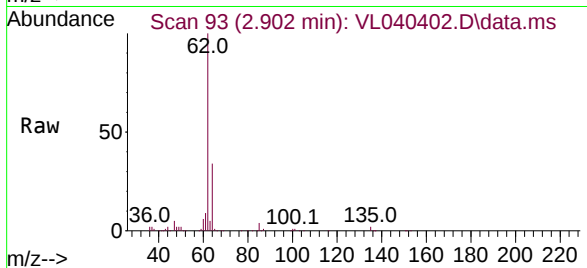
#5
 Vinyl Chloride
 Concen: 9.626 ppbv
 RT: 2.902 min Scan# 91
 Delta R.T. -0.007 min
 Lab File: VL040402.D
 Acq: 11 May 2023 16:03

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0511ABS01

Tgt Ion: 62 Resp: 73068
 Ion Ratio Lower Upper
 62 100
 64 34.2 26.3 39.5

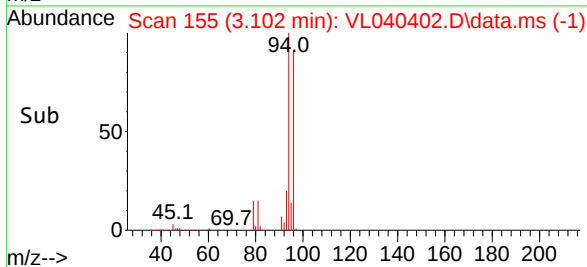
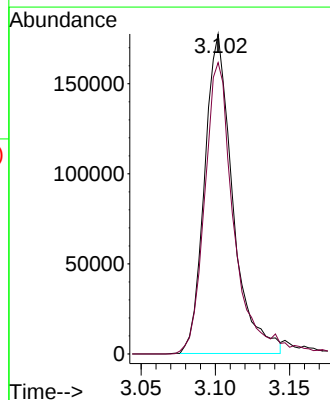
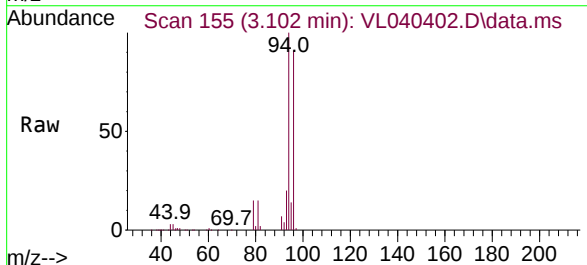
Manual Integrations
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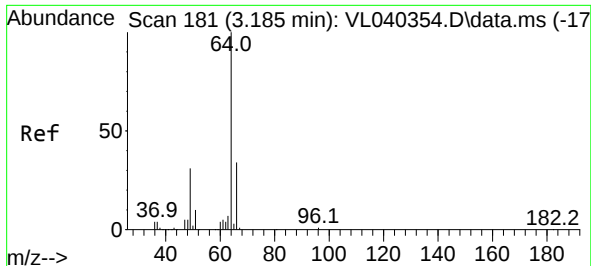
Reviewed By :Krupa Patel 05/15/2023
 Supervised By :Mahesh Dadoda 05/15/2023



#6
 Bromomethane
 Concen: 9.384 ppbv
 RT: 3.102 min Scan# 155
 Delta R.T. -0.006 min
 Lab File: VL040402.D
 Acq: 11 May 2023 16:03

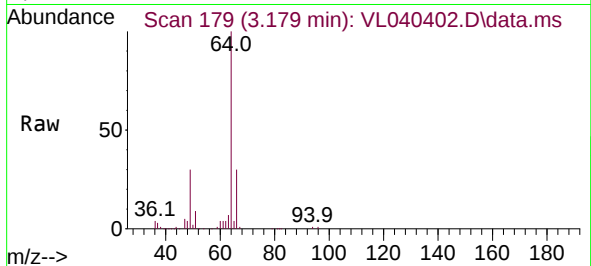
Tgt Ion: 94 Resp: 234684
 Ion Ratio Lower Upper
 94 100
 96 90.3 72.6 108.8





#7
Chloroethane
Concen: 9.355 ppbv
RT: 3.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

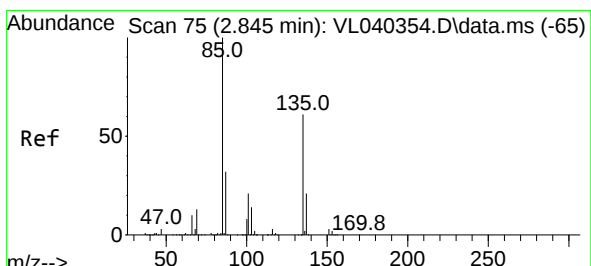
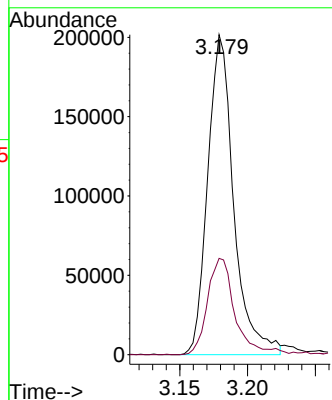
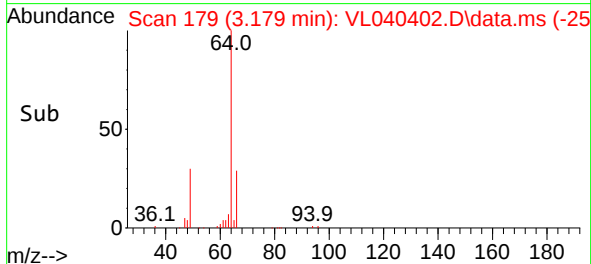
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01



Tgt Ion: 64 Resp: 268902
Ion Ratio Lower Upper
64 100
66 30.1 27.5 41.3

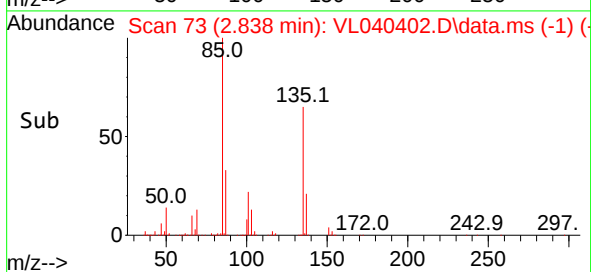
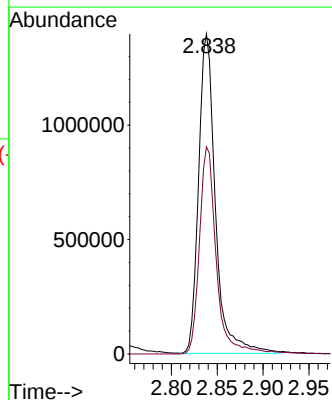
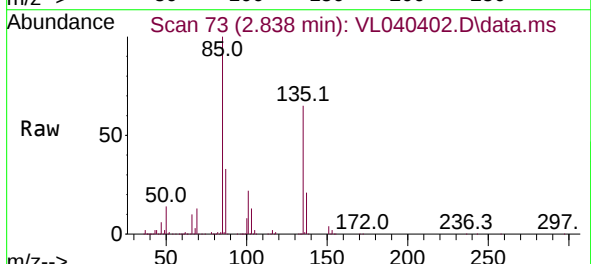
Manual Integrations
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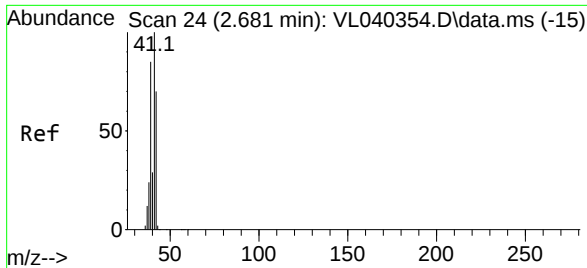
Reviewed By :Krupa Patel 05/15/2023
Supervised By :Mahesh Dadoda 05/15/2023



#8
Dichlorotetrafluoroethane
Concen: 9.074 ppbv
RT: 2.838 min Scan# 73
Delta R.T. -0.007 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

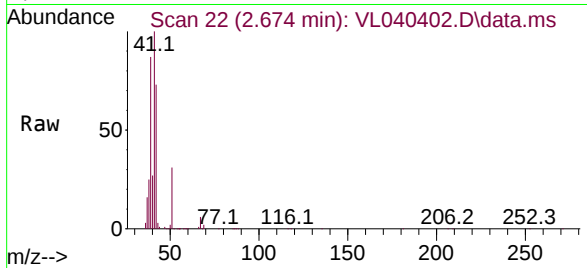
Tgt Ion: 85 Resp: 1781232
Ion Ratio Lower Upper
85 100
135 65.5 50.7 76.1





#9
 Propene
 Concen: 9.552 ppbv
 RT: 2.674 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: VL040402.D
 Acq: 11 May 2023 16:03

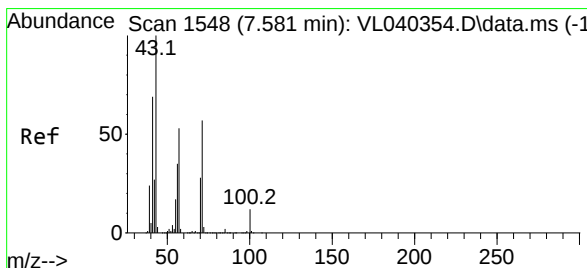
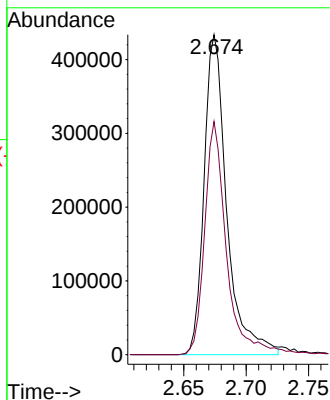
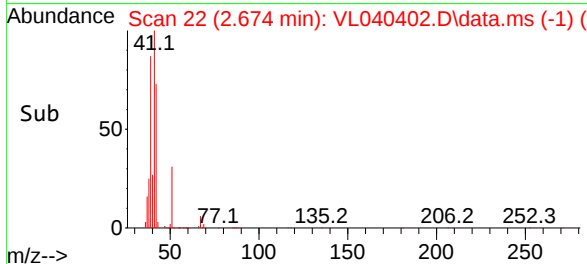
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0511ABS01



Tgt Ion: 41 Resp: 549329
 Ion Ratio Lower Upper
 41 100
 42 70.8 56.5 84.7

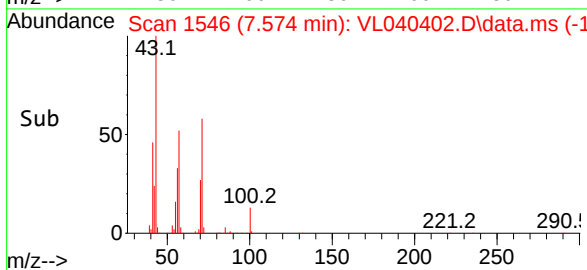
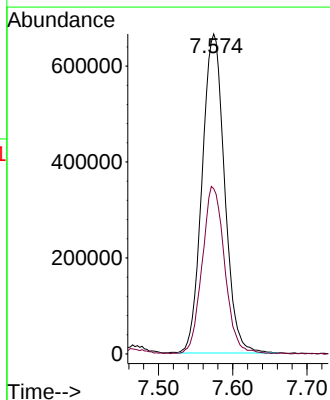
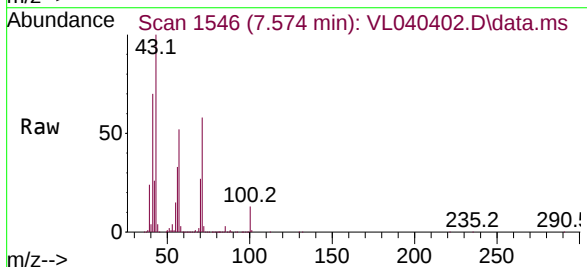
Manual Integrations
 APPROVED

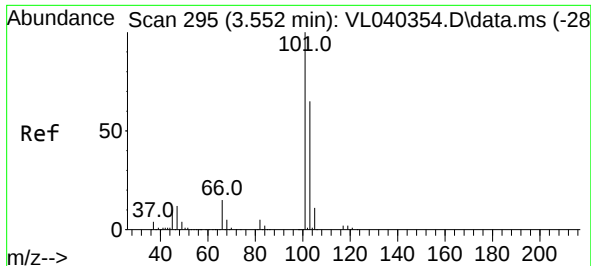
Reviewed By :Krupa Patel 05/15/2023
 Supervised By :Mahesh Dadoda 05/15/2023



#10
 Heptane
 Concen: 10.678 ppbv
 RT: 7.574 min Scan# 1546
 Delta R.T. -0.007 min
 Lab File: VL040402.D
 Acq: 11 May 2023 16:03

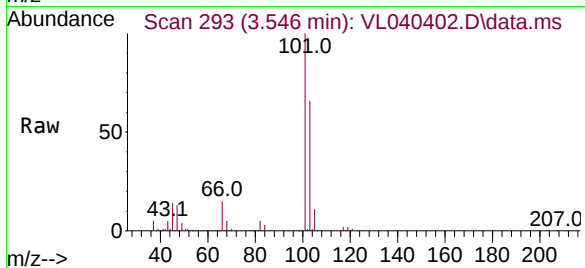
Tgt Ion: 43 Resp: 1395584
 Ion Ratio Lower Upper
 43 100
 57 52.7 42.2 63.4





#11
Trichlorofluoromethane
Concen: 8.740 ppbv
RT: 3.546 min Scan# 295
Delta R.T. -0.006 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

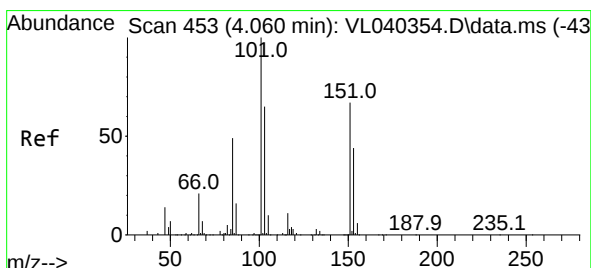
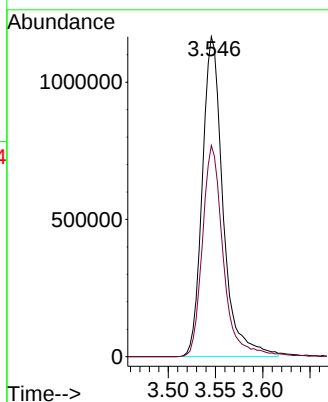
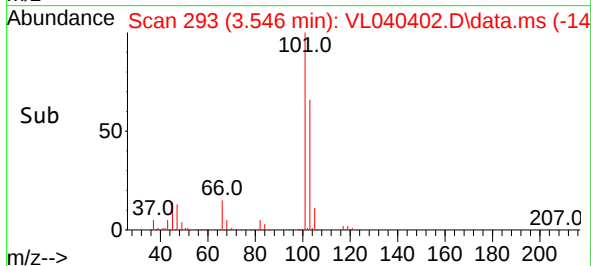
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01



Tgt Ion:101 Resp: 1777159
Ion Ratio Lower Upper
101 100
103 66.0 52.2 78.4

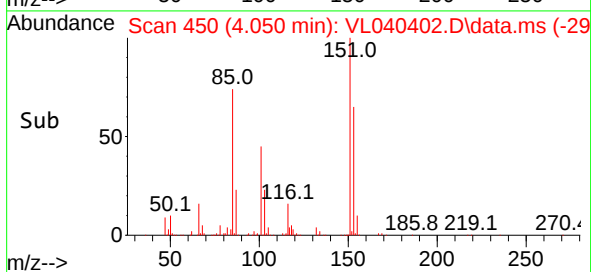
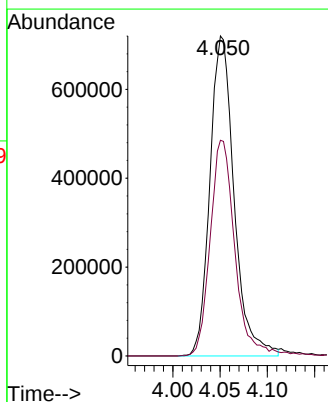
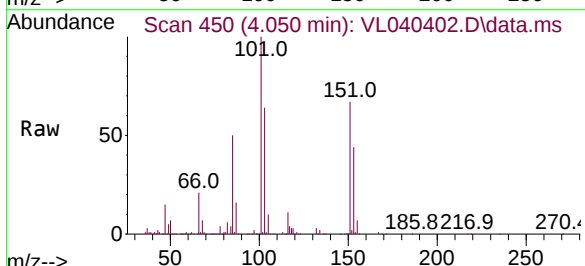
Manual Integrations
APPROVED

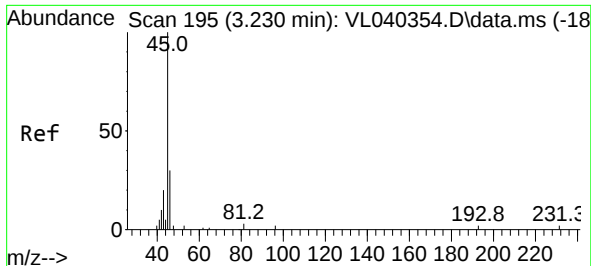
Reviewed By :Krupa Patel 05/15/2023
Supervised By :Mahesh Dadoda 05/15/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.020 ppbv
RT: 4.050 min Scan# 450
Delta R.T. -0.010 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

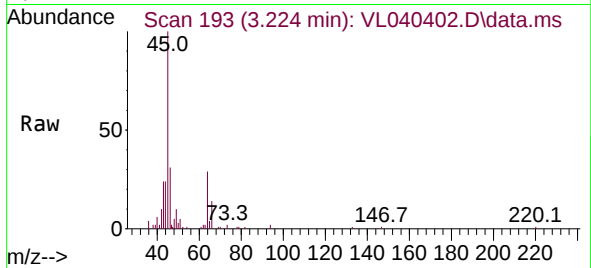
Tgt Ion:101 Resp: 1282831
Ion Ratio Lower Upper
101 100
151 69.4 54.7 82.1





#13
Ethanol
Concen: 7.588 ppbv
RT: 3.224 min Scan# 195
Delta R.T. -0.006 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

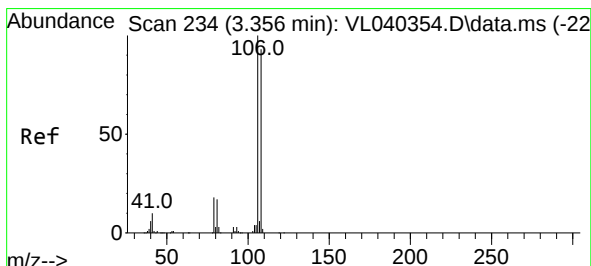
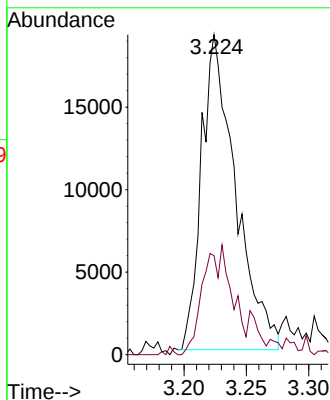
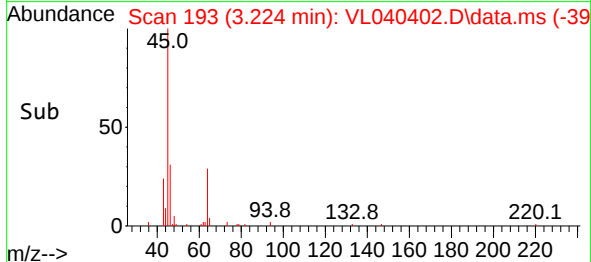
Instrument : MSVOA_L
ClientSampleId : VL0511ABS01



Tgt Ion: 45 Resp: 3643
Ion Ratio Lower Upper
45 100
46 38.0 15.3 61.3

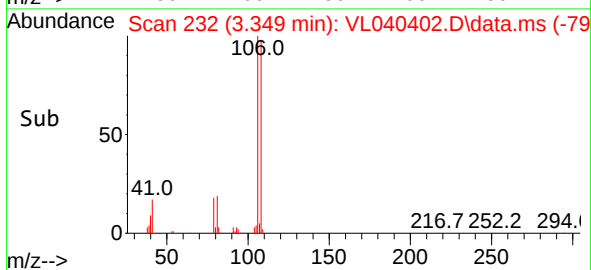
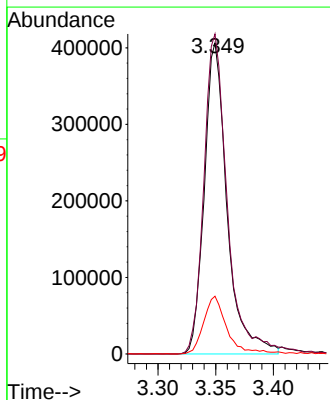
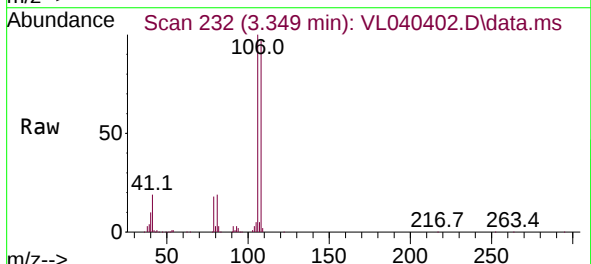
Manual Integrations
APPROVED

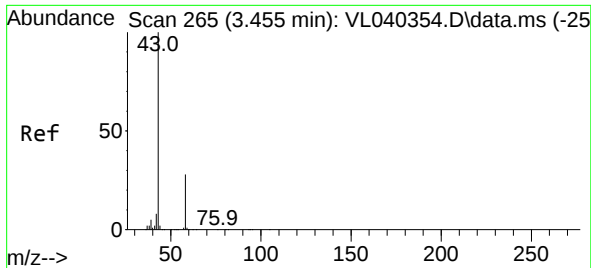
Reviewed By :Krupa Patel 05/15/2023
Supervised By :Mahesh Dadoda 05/15/2023



#14
Bromoethene
Concen: 9.590 ppbv
RT: 3.349 min Scan# 232
Delta R.T. -0.007 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

Tgt Ion:108 Resp: 557705
Ion Ratio Lower Upper
108 100
106 107.4 88.3 132.5
79 19.5 16.1 24.1





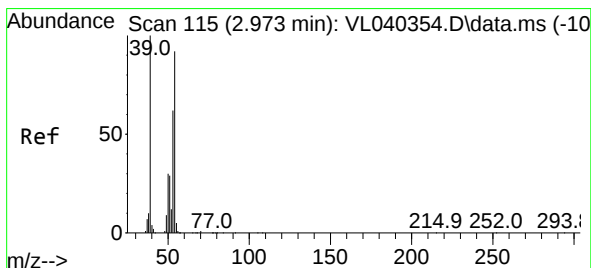
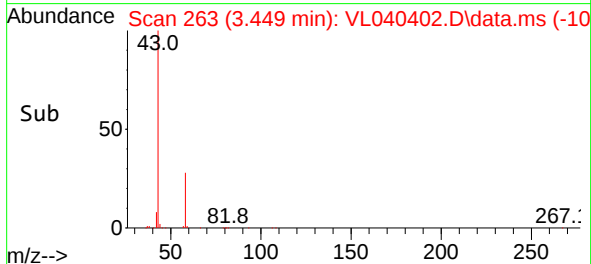
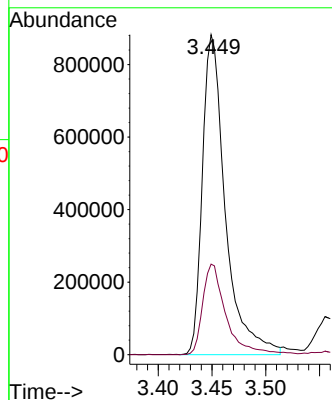
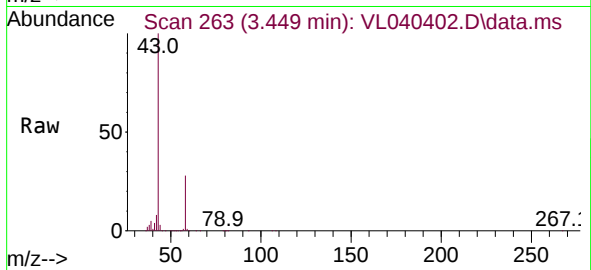
#15
Acetone
Concen: 8.303 ppbv
RT: 3.449 min Scan# 20
Delta R.T. -0.006 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01

Tgt Ion: 43 Resp: 1310058
Ion Ratio Lower Upper
43 100
58 28.8 22.2 33.2

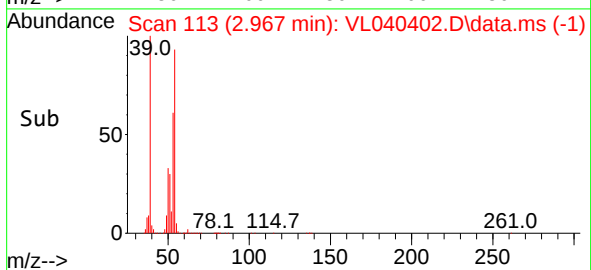
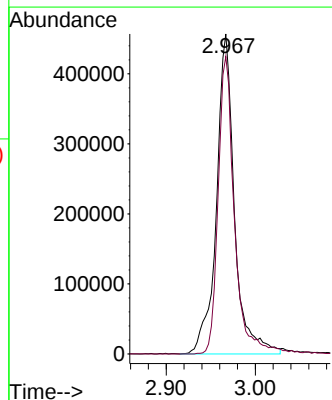
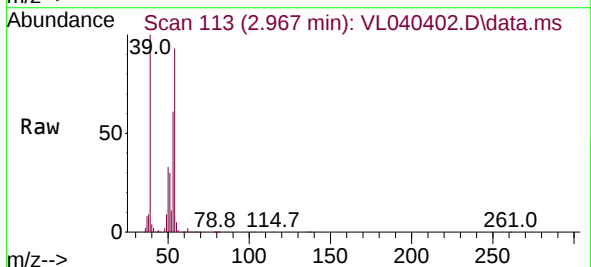
Manual Integrations
APPROVED

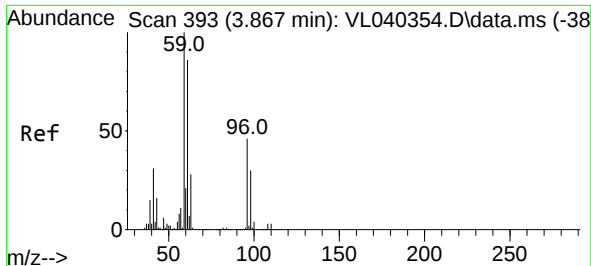
Reviewed By :Krupa Patel 05/15/2023
Supervised By :Mahesh Dadoda 05/15/2023



#16
1,3-Butadiene
Concen: 9.873 ppbv
RT: 2.967 min Scan# 113
Delta R.T. -0.006 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

Tgt Ion: 39 Resp: 644669
Ion Ratio Lower Upper
39 100
54 84.9 68.8 103.2





#17

tert-Butyl alcohol

Concen: 9.806 ppbv

RT: 3.861 min Scan# 391

Delta R.T. -0.006 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

Instrument :

MSVOA_L

ClientSampleId :

VL0511ABS01

Tgt Ion: 59 Resp: 1420780

Ion Ratio Lower Upper

59 100

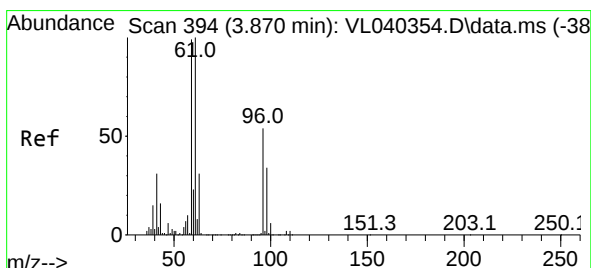
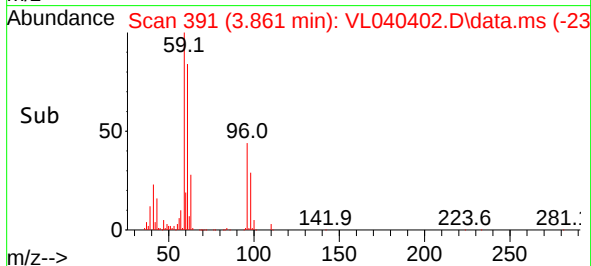
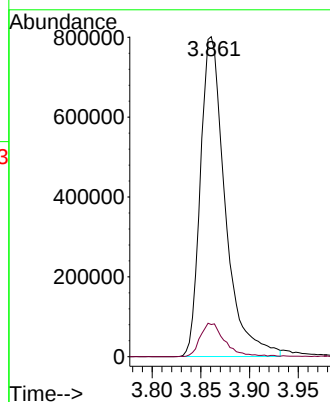
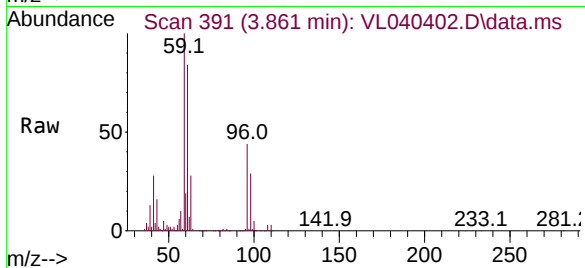
57 10.7 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/15/2023

Supervised By :Mahesh Dadoda 05/15/2023



#18

1,1-Dichloroethene

Concen: 9.281 ppbv

RT: 3.864 min Scan# 392

Delta R.T. -0.006 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

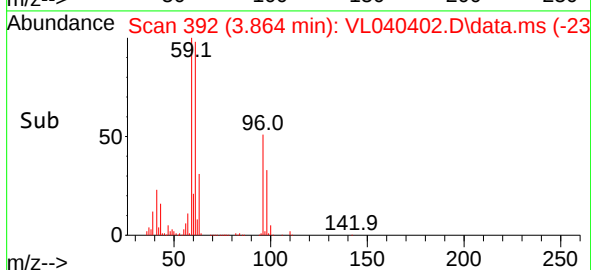
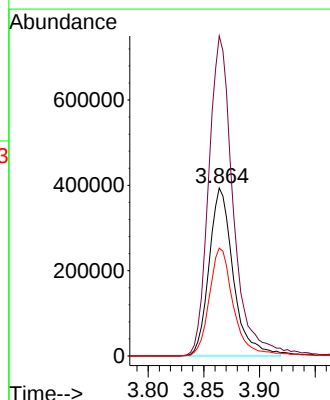
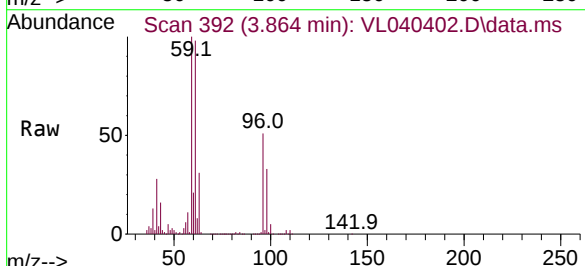
Tgt Ion: 96 Resp: 595313

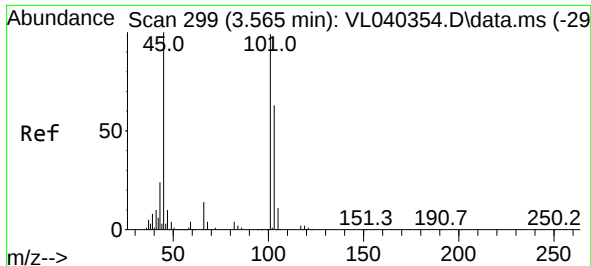
Ion Ratio Lower Upper

96 100

61 190.4 148.3 222.5

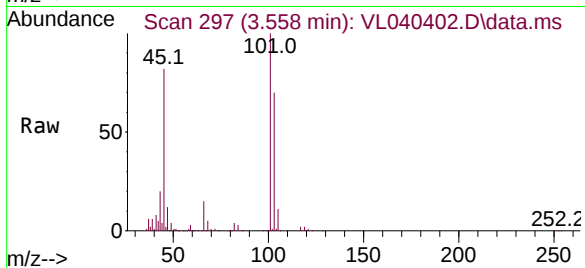
98 64.2 49.8 74.8





#19
Isopropyl Alcohol
Concen: 9.350 ppbv
RT: 3.558 min Scan# 299
Delta R.T. -0.007 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

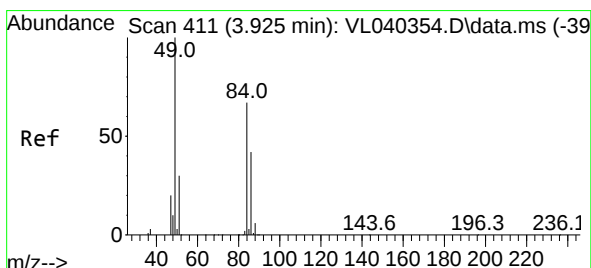
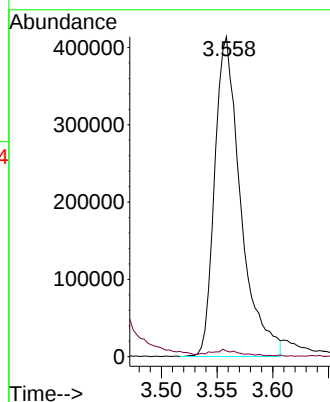
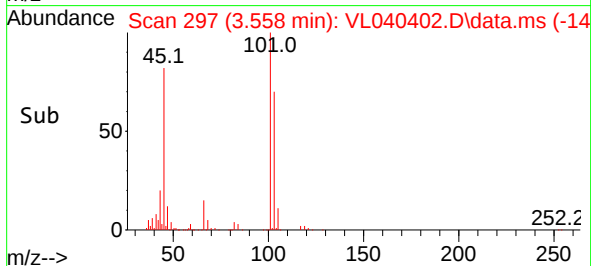
Instrument : MSVOA_L
ClientSampleId : VL0511ABS01



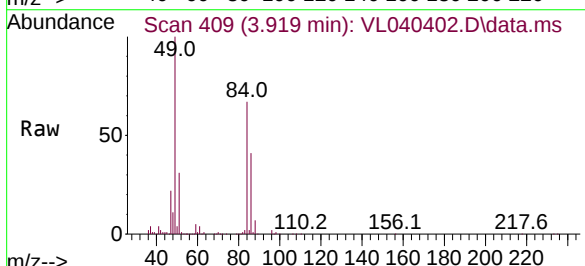
Tgt Ion: 45 Resp: 673158
Ion Ratio Lower Upper
45 100
58 2.8 2.6 4.0

Manual Integrations
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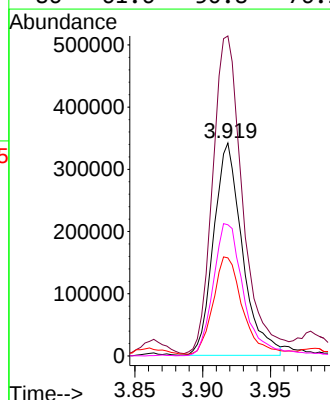
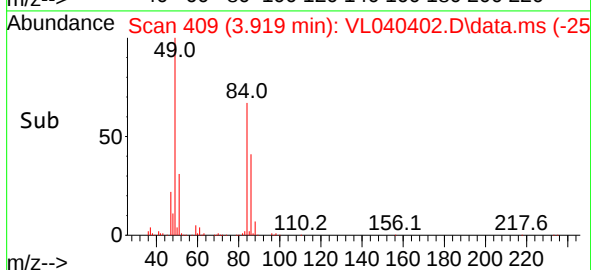
Reviewed By :Krupa Patel 05/15/2023
Supervised By :Mahesh Dadoda 05/15/2023

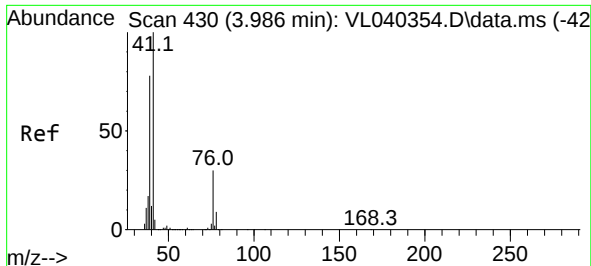


#20
Methylene Chloride
Concen: 7.971 ppbv
RT: 3.919 min Scan# 409
Delta R.T. -0.006 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03



Tgt Ion: 84 Resp: 502142
Ion Ratio Lower Upper
84 100
49 149.3 120.1 180.1
51 45.3 36.3 54.5
86 61.6 50.8 76.2





#21

Allyl Chloride

Concen: 9.849 ppbv

RT: 3.983 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

Instrument :

MSVOA_L

ClientSampleId :

VL0511ABS01

Tgt Ion: 41 Resp: 883020

Ion Ratio Lower Upper

41 100

76 31.7 25.5 38.3

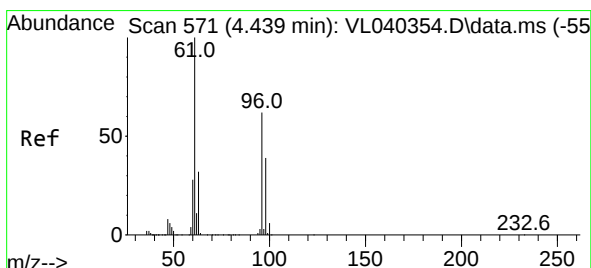
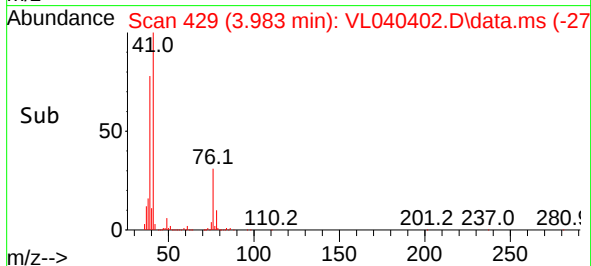
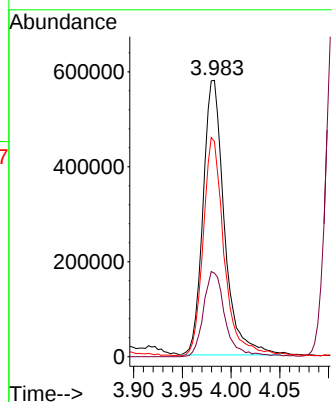
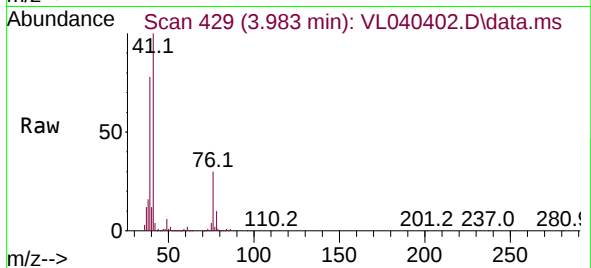
39 78.6 64.0 96.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/15/2023

Supervised By :Mahesh Dadoda 05/15/2023



#22

trans-1,2-Dichloroethene

Concen: 9.389 ppbv

RT: 4.430 min Scan# 568

Delta R.T. -0.009 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

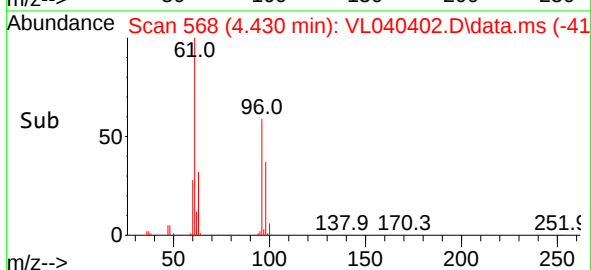
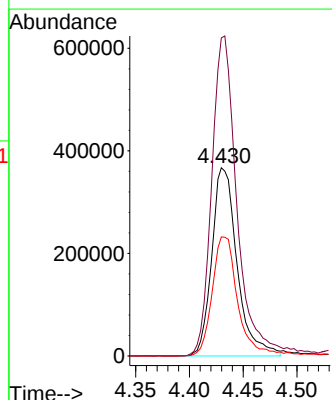
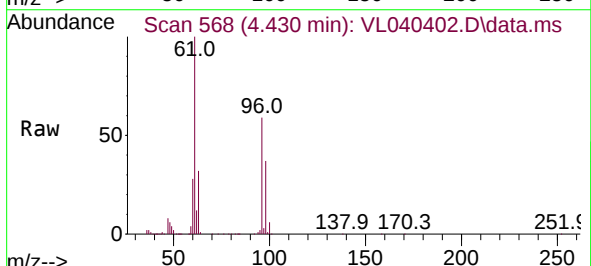
Tgt Ion: 96 Resp: 602065

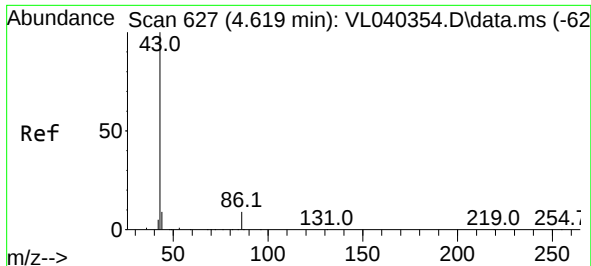
Ion Ratio Lower Upper

96 100

61 168.9 129.4 194.2

98 63.2 51.0 76.4





#23
 Vinyl Acetate
 Concen: 9.658 ppbv
 RT: 4.613 min Scan# 601
 Delta R.T. -0.006 min
 Lab File: VL040402.D
 Acq: 11 May 2023 16:03

Instrument :

MSVOA_L

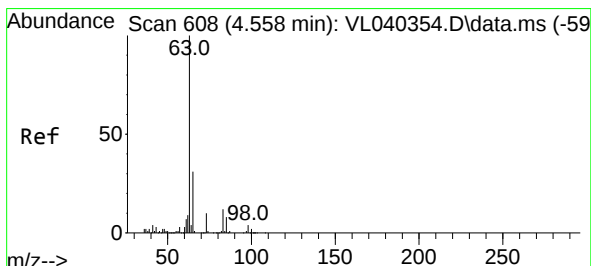
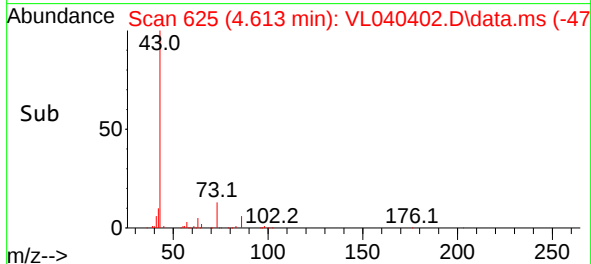
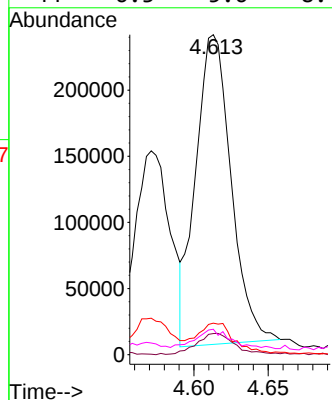
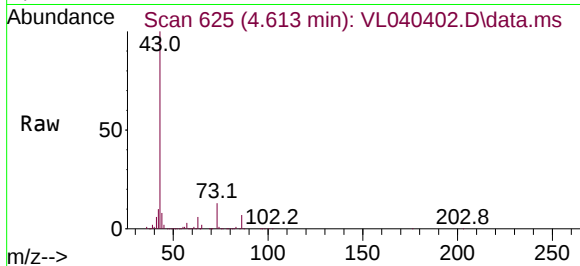
ClientSampleId :

VL0511ABS01

Tgt Ion: 43 Resp: 387998
 Ion Ratio Lower Upper
 43 100
 86 6.6 6.0 9.0
 42 9.5 6.4 9.6
 44 6.3 5.6 8.4

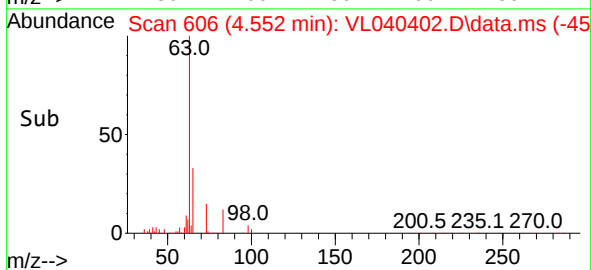
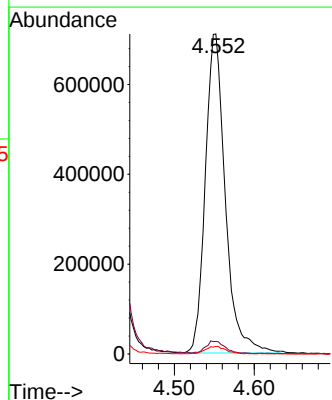
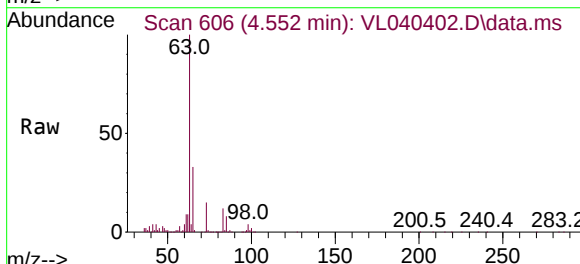
Manual Integrations
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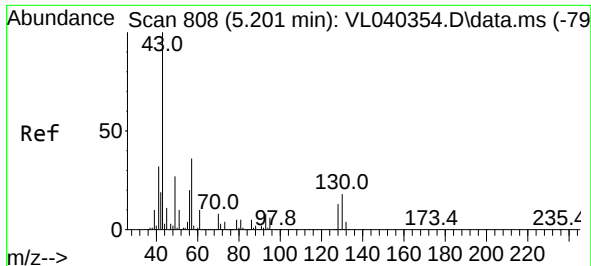
Reviewed By :Krupa Patel 05/15/2023
 Supervised By :Mahesh Dadoda 05/15/2023



#24
 1,1-Dichloroethane
 Concen: 9.245 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. -0.006 min
 Lab File: VL040402.D
 Acq: 11 May 2023 16:03

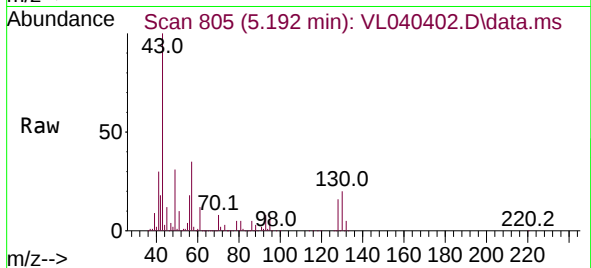
Tgt Ion: 63 Resp: 1236003
 Ion Ratio Lower Upper
 63 100
 98 3.8 2.1 6.2
 100 2.3 1.2 3.6





#25
Ethyl Acetate
Concen: 9.712 ppbv
RT: 5.192 min Scan# 805
Delta R.T. -0.009 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

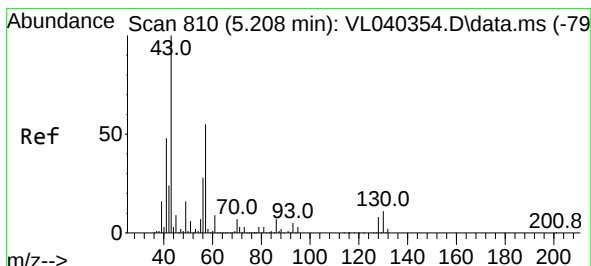
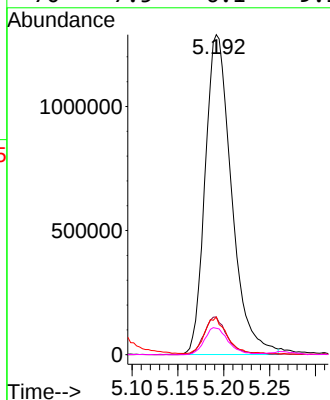
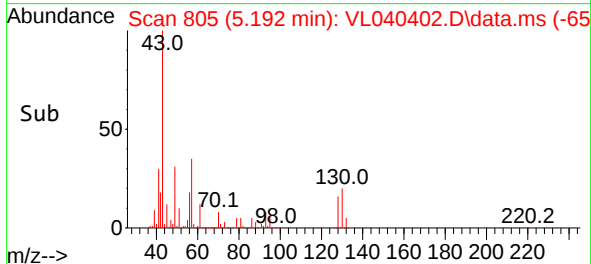
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01



Tgt Ion: 43 Resp: 257866
Ion Ratio Lower Upper
43 100
45 10.7 8.5 12.7
61 10.4 8.5 12.7
70 7.5 6.1 9.1

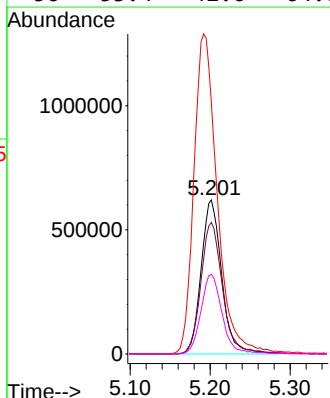
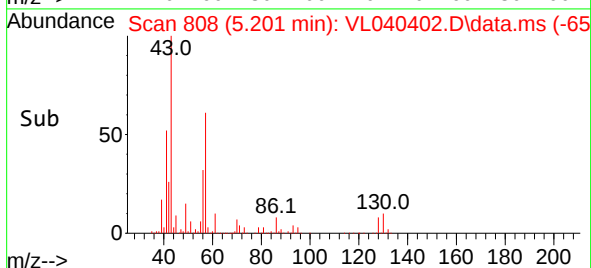
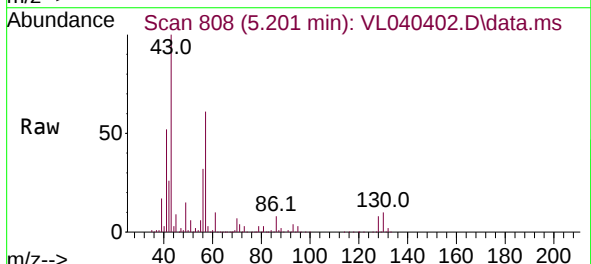
Manual Integrations
APPROVED

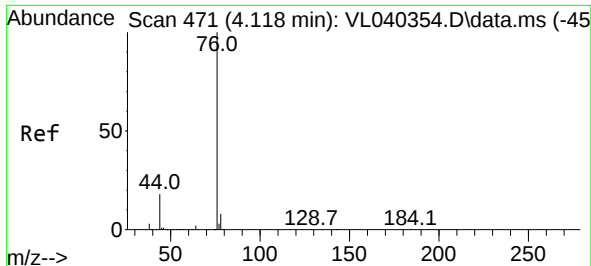
Reviewed By :Krupa Patel 05/15/2023
Supervised By :Mahesh Dadoda 05/15/2023



#26
Hexane
Concen: 9.943 ppbv
RT: 5.201 min Scan# 808
Delta R.T. -0.007 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

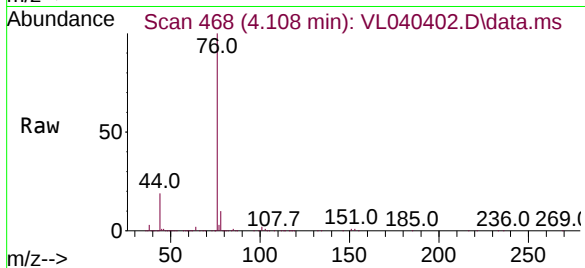
Tgt Ion: 57 Resp: 1112966
Ion Ratio Lower Upper
57 100
41 90.1 74.8 112.2
43 236.0 192.7 289.1
56 53.4 42.6 64.0





#27
Carbon Disulfide
Concen: 10.241 ppbv
RT: 4.108 min Scan# 408
Delta R.T. -0.010 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

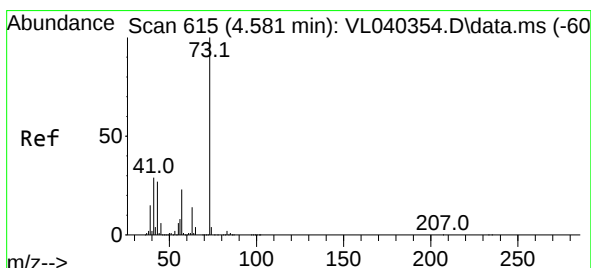
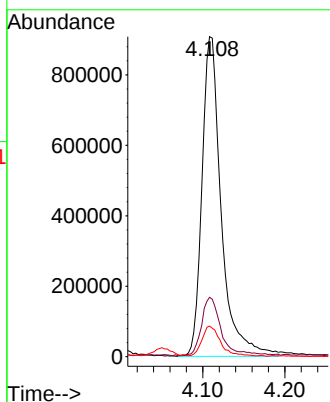
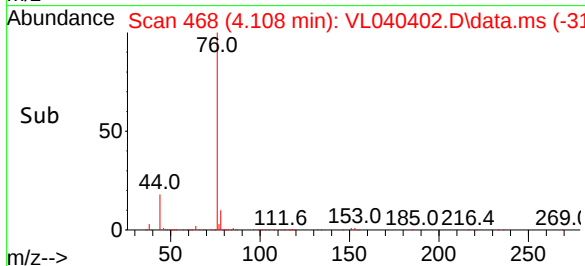
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01



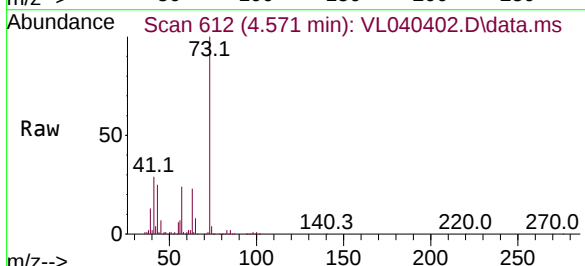
Tgt Ion: 76 Resp: 148344
Ion Ratio Lower Upper
76 100
44 17.9 14.7 22.1
78 9.7 7.7 11.5

Manual Integrations
APPROVED

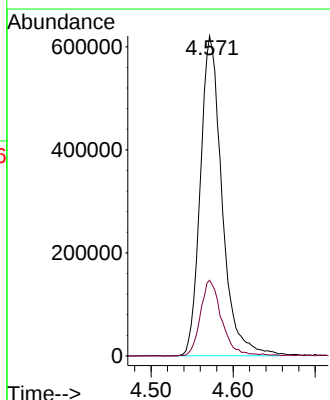
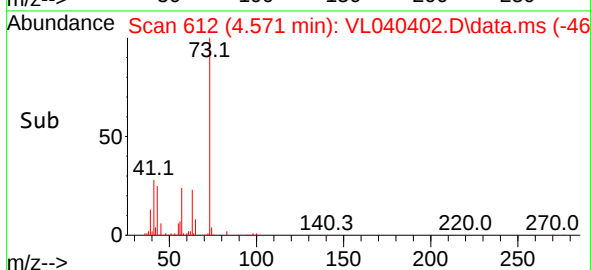
Reviewed By :Krupa Patel 05/15/2023
Supervised By :Mahesh Dadoda 05/15/2023

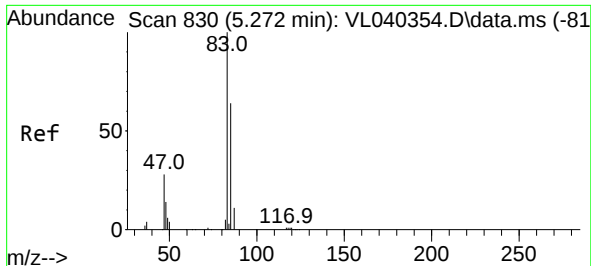


#28
Methyl tert-Butyl Ether
Concen: 9.873 ppbv
RT: 4.571 min Scan# 612
Delta R.T. -0.010 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03



Tgt Ion: 73 Resp: 1140812
Ion Ratio Lower Upper
73 100
57 23.6 18.6 27.8





#29

Chloroform

Concen: 9.401 ppbv

RT: 5.263 min Scan# 81

Delta R.T. -0.009 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

Instrument :

MSVOA_L

ClientSampleId :

VL0511ABS01

Tgt Ion: 83 Resp: 187449

Ion Ratio Lower Upper

83 100

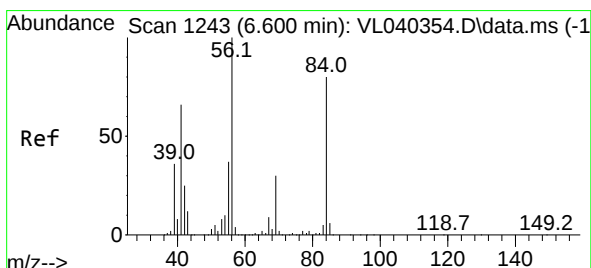
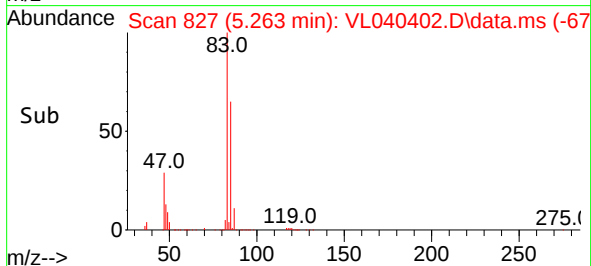
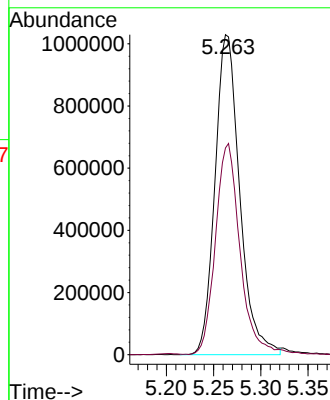
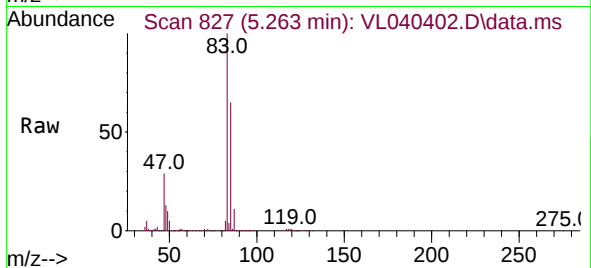
85 64.4 51.0 76.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/15/2023

Supervised By :Mahesh Dadoda 05/15/2023



#30

Cyclohexane

Concen: 10.903 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. -0.006 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

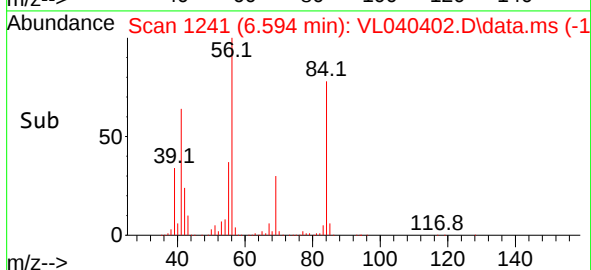
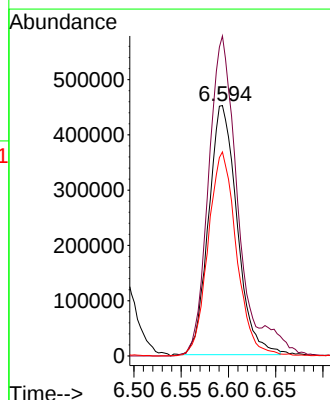
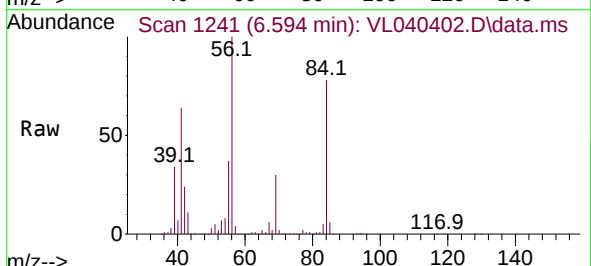
Tgt Ion: 84 Resp: 945169

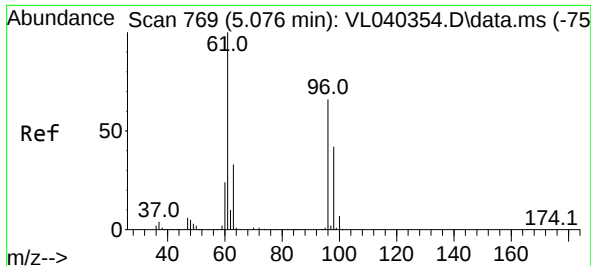
Ion Ratio Lower Upper

84 100

56 134.6 107.0 160.6

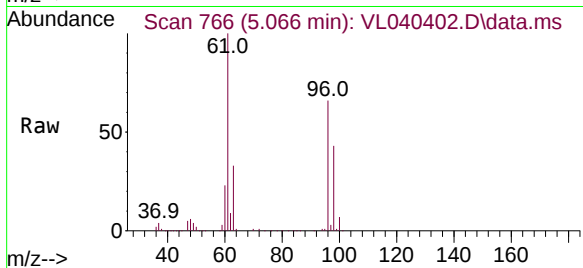
41 81.9 66.7 100.1





#31
 cis-1,2-Dichloroethene
 Concen: 10.487 ppbv
 RT: 5.066 min Scan# 766
 Delta R.T. -0.010 min
 Lab File: VL040402.D
 Acq: 11 May 2023 16:03

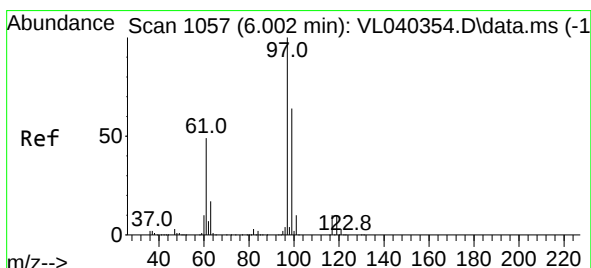
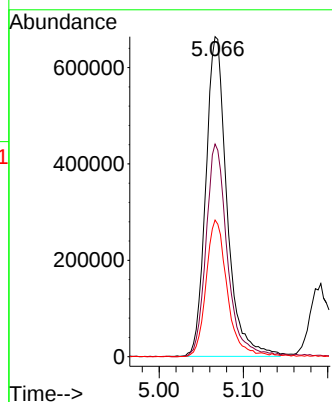
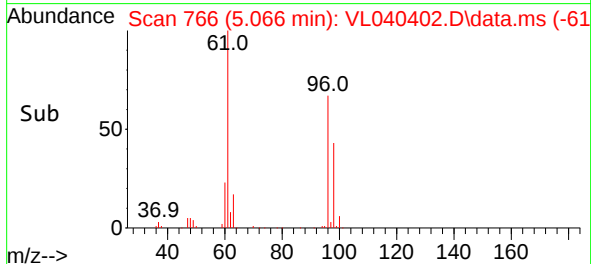
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0511ABS01



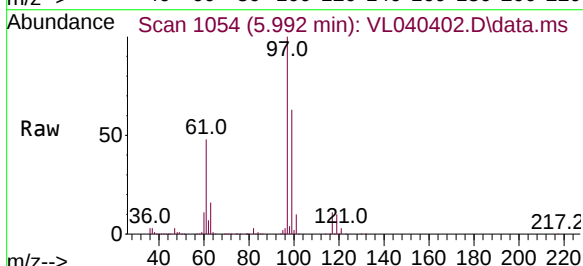
Tgt Ion: 61 Resp: 1163464
 Ion Ratio Lower Upper
 61 100
 96 66.5 53.0 79.4
 98 42.7 33.8 50.8

Manual Integrations
 APPROVED

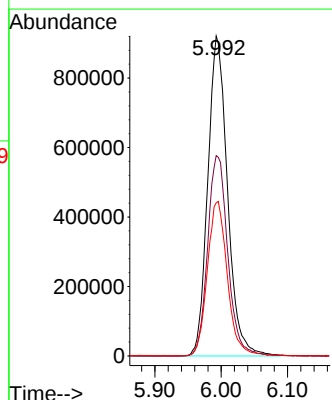
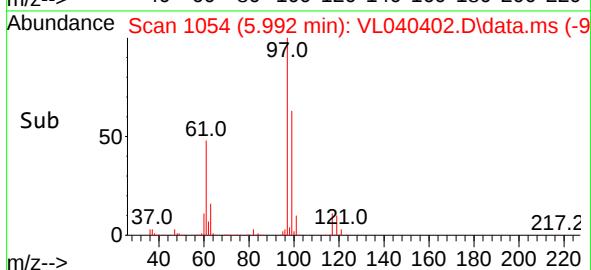
Reviewed By :Krupa Patel 05/15/2023
 Supervised By :Mahesh Dadoda 05/15/2023

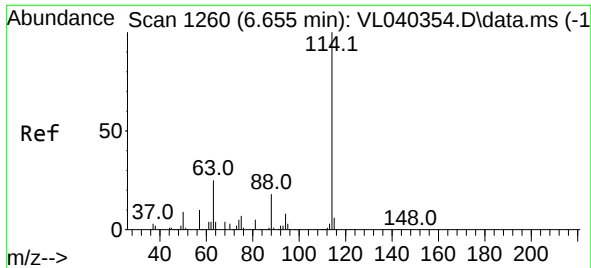


#32
 1,1,1-Trichloroethane
 Concen: 9.826 ppbv
 RT: 5.992 min Scan# 1054
 Delta R.T. -0.010 min
 Lab File: VL040402.D
 Acq: 11 May 2023 16:03



Tgt Ion: 97 Resp: 1903580
 Ion Ratio Lower Upper
 97 100
 99 64.1 51.8 77.8
 61 49.3 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 114

Delta R.T. -0.010 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

Instrument :

MSVOA_L

ClientSampleId :

VL0511ABS01

Tgt Ion:114 Resp: 289475

Ion Ratio Lower Upper

114 100

63 25.2 21.4 32.0

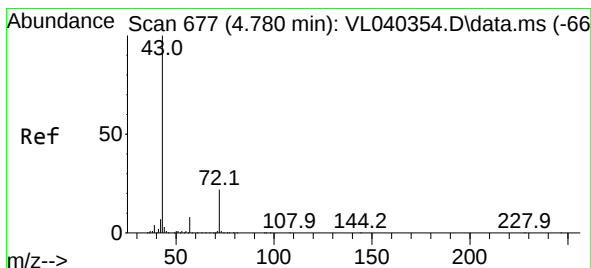
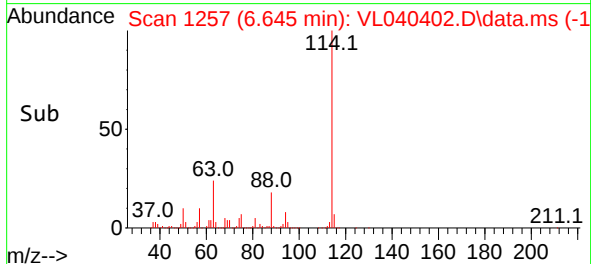
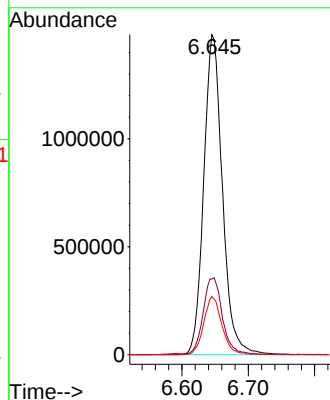
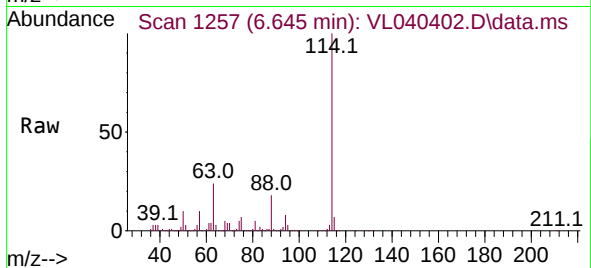
88 17.8 14.6 22.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/15/2023

Supervised By :Mahesh Dadoda 05/15/2023



#34

2-Butanone

Concen: 9.796 ppbv

RT: 4.774 min Scan# 675

Delta R.T. -0.006 min

Lab File: VL040402.D

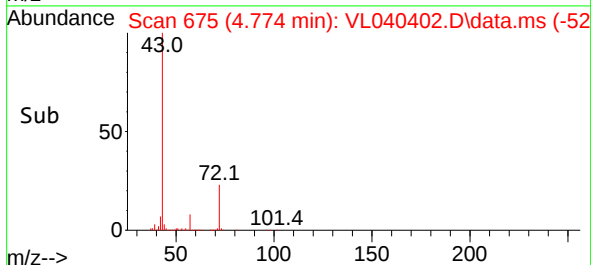
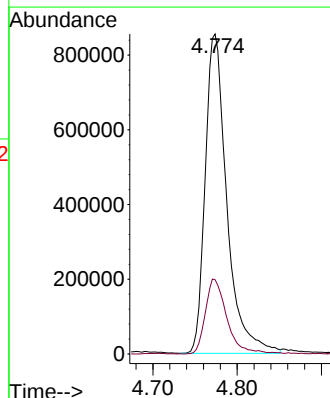
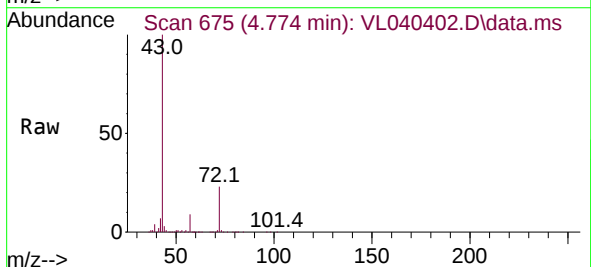
Acq: 11 May 2023 16:03

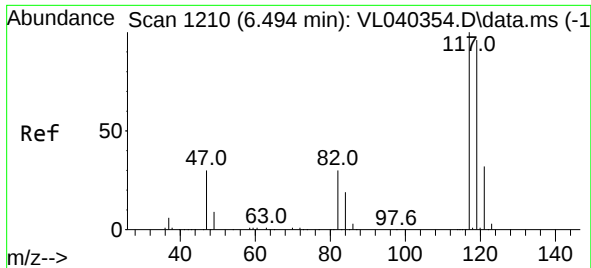
Tgt Ion: 43 Resp: 1529063

Ion Ratio Lower Upper

43 100

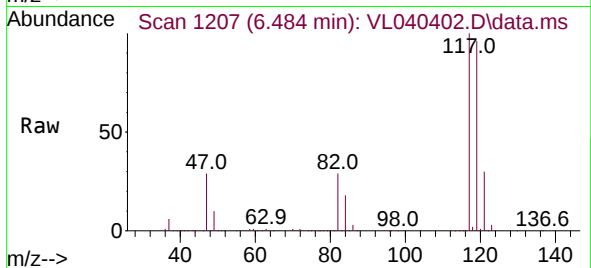
72 23.7 18.4 27.6





#35
Carbon Tetrachloride
Concen: 9.442 ppbv
RT: 6.484 min Scan# 1169
Delta R.T. -0.010 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

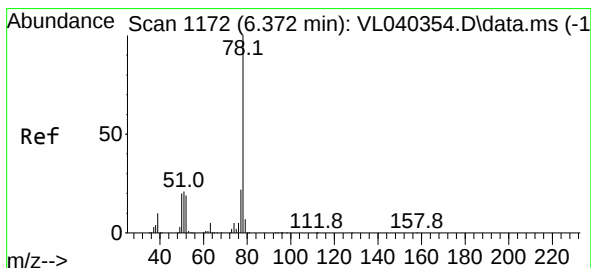
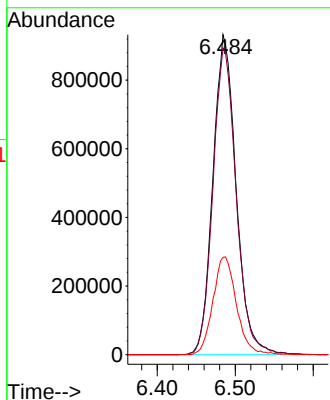
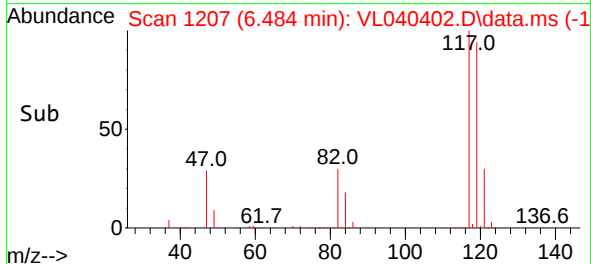
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01



Tgt Ion: 117 Resp: 1924083
Ion Ratio Lower Upper
117 100
119 95.9 76.6 114.8
121 30.4 25.3 37.9

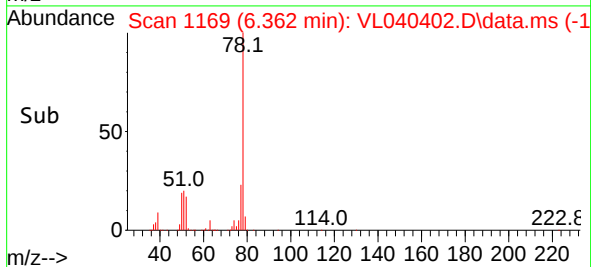
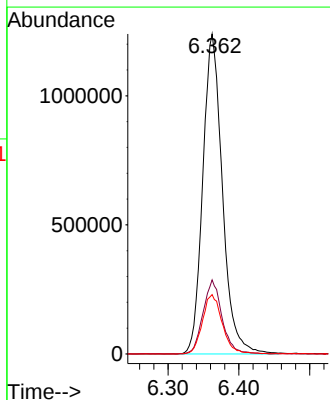
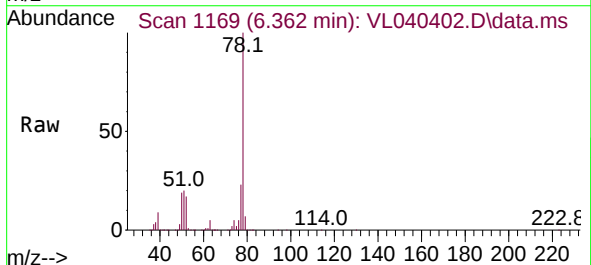
Manual Integrations
APPROVED

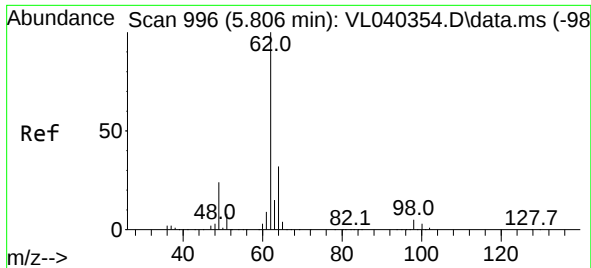
Reviewed By :Krupa Patel 05/15/2023
Supervised By :Mahesh Dadoda 05/15/2023



#36
Benzene
Concen: 10.088 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. -0.010 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

Tgt Ion: 78 Resp: 2382538
Ion Ratio Lower Upper
78 100
77 23.1 17.8 26.8
50 18.5 15.6 23.4





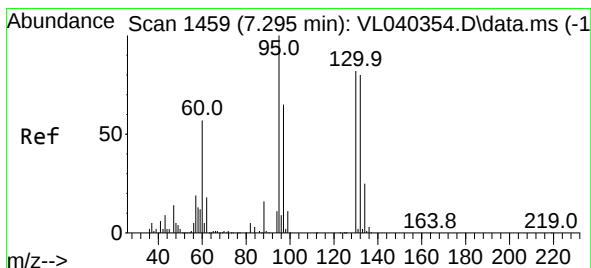
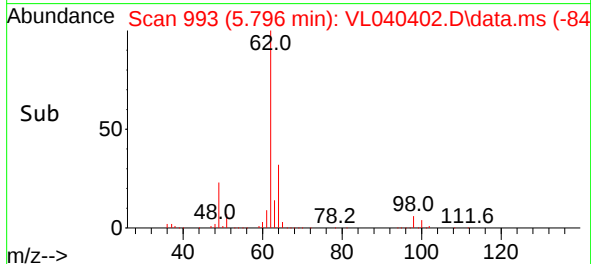
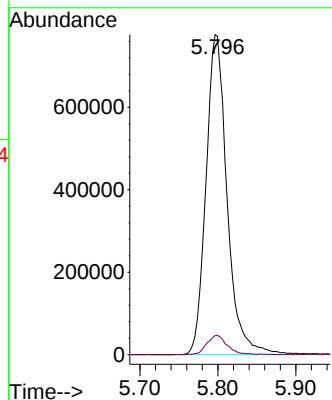
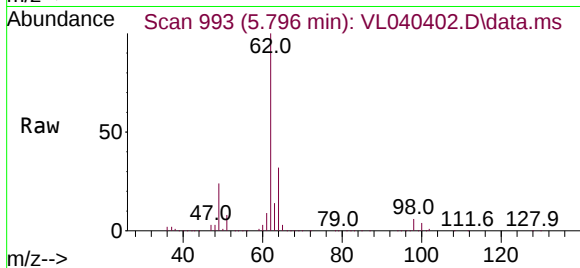
#37
1,2-Dichloroethane
Concen: 9.399 ppbv
RT: 5.796 min Scan# 996
Delta R.T. -0.010 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01

Tgt Ion: 62 Resp: 145808
Ion Ratio Lower Upper
62 100
98 6.0 4.4 6.6

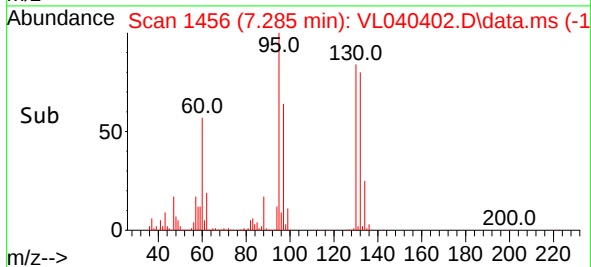
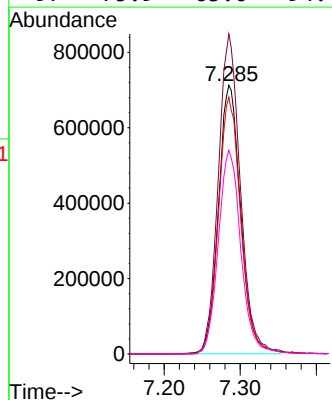
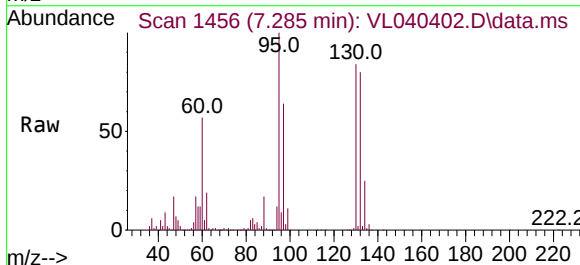
Manual Integrations
APPROVED

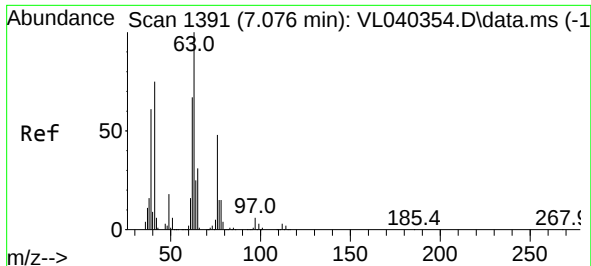
Reviewed By :Krupa Patel 05/15/2023
Supervised By :Mahesh Dadoda 05/15/2023



#38
Trichloroethene
Concen: 10.771 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. -0.010 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

Tgt Ion:130 Resp: 1447854
Ion Ratio Lower Upper
130 100
95 119.2 97.4 146.0
132 95.6 77.5 116.3
97 75.9 63.0 94.4





#39

1,2-Dichloropropane

Concen: 9.786 ppbv

RT: 7.066 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

Instrument :

MSVOA_L

ClientSampleId :

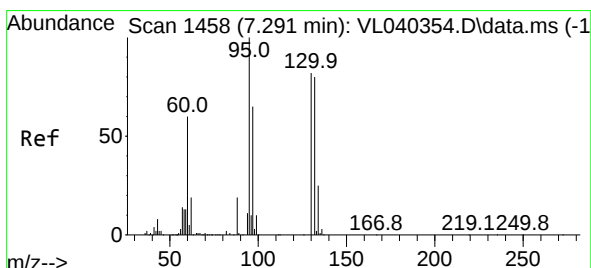
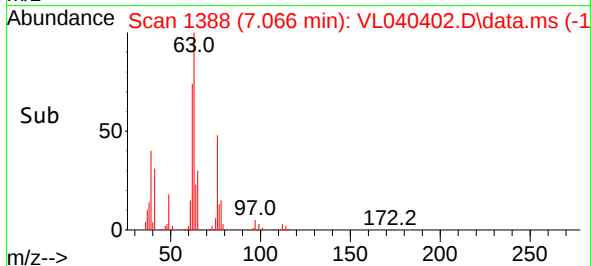
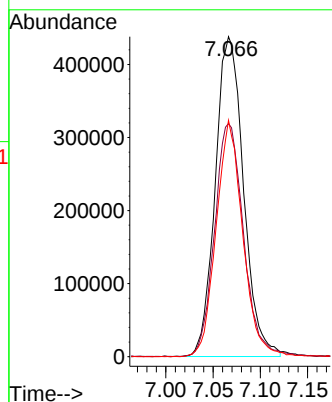
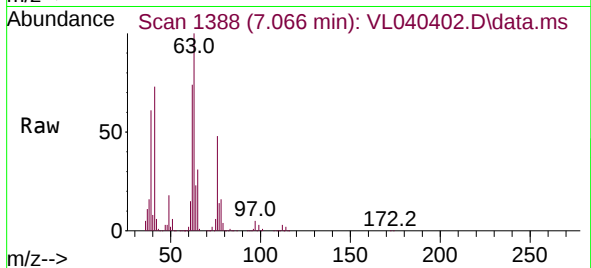
VL0511ABS01

Tgt Ion: 63	Resp: 90944
Ion Ratio	Lower Upper
63 100	
41 72.8	59.6 89.4
62 73.9	53.9 80.9

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 05/15/2023

Supervised By :Mahesh Dadoda 05/15/2023



#40

1,4-Dioxane

Concen: 9.254 ppbv

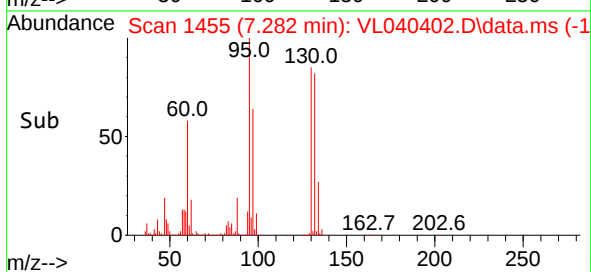
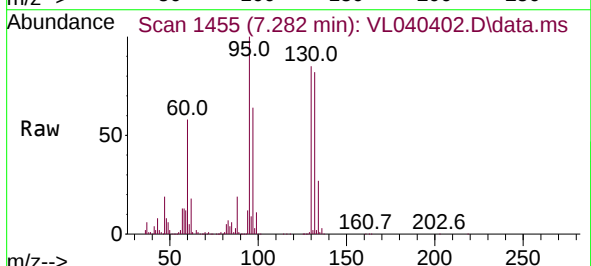
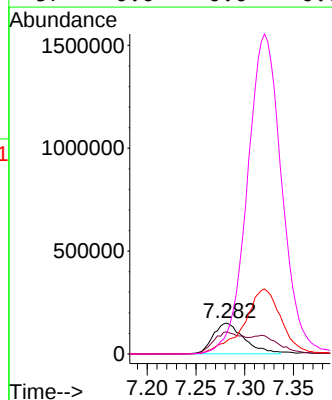
RT: 7.282 min Scan# 1455

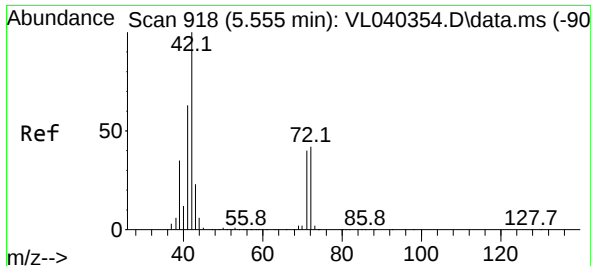
Delta R.T. -0.009 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

Tgt Ion: 88	Resp: 329355
Ion Ratio	Lower Upper
88 100	
58 126.9	100.8 151.2
43 0.0	0.0 0.0
57 0.0	0.0 0.0





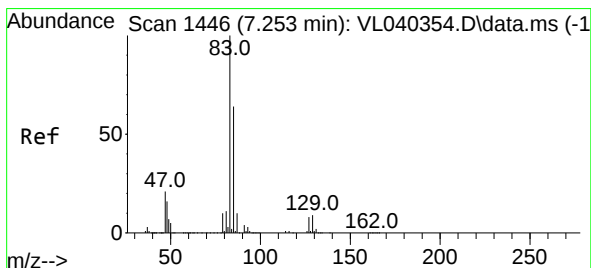
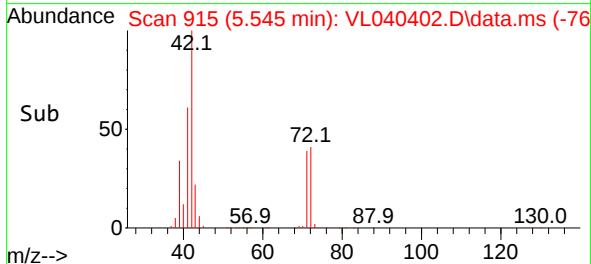
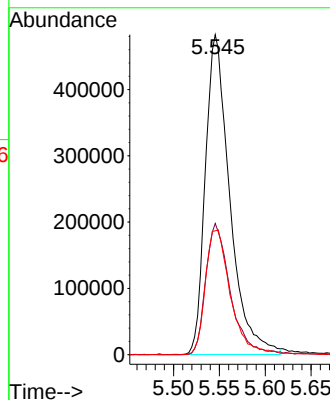
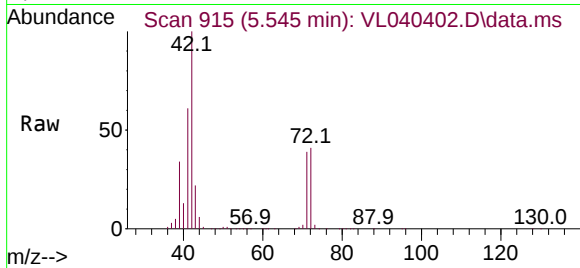
#41
Tetrahydrofuran
Concen: 10.456 ppbv
RT: 5.545 min Scan# 918
Delta R.T. -0.010 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01

Tgt Ion: 42 Resp: 893812
Ion Ratio Lower Upper
42 100
72 41.7 33.7 50.5
71 40.7 32.2 48.2

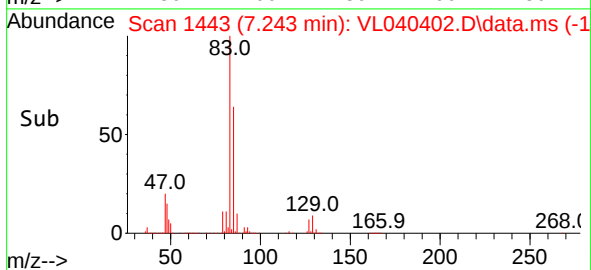
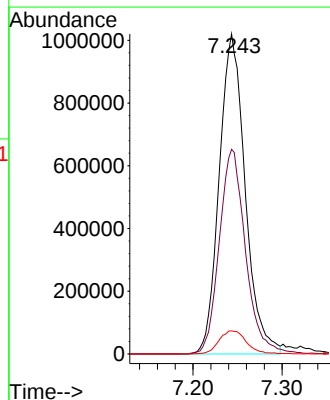
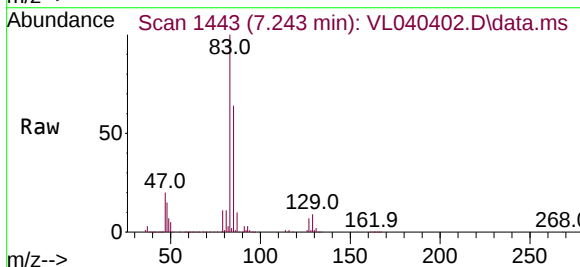
Manual Integrations
APPROVED

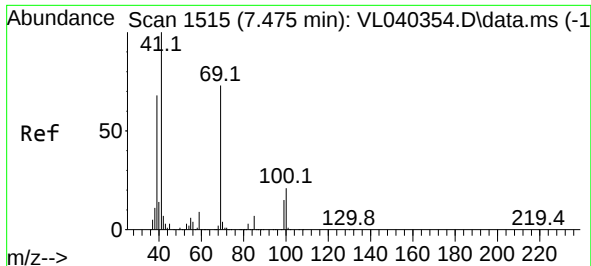
Reviewed By :Krupa Patel 05/15/2023
Supervised By :Mahesh Dadoda 05/15/2023



#42
Bromodichloromethane
Concen: 9.740 ppbv
RT: 7.243 min Scan# 1443
Delta R.T. -0.010 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

Tgt Ion: 83 Resp: 2063518
Ion Ratio Lower Upper
83 100
85 63.9 50.9 76.3
127 7.2 6.4 9.6





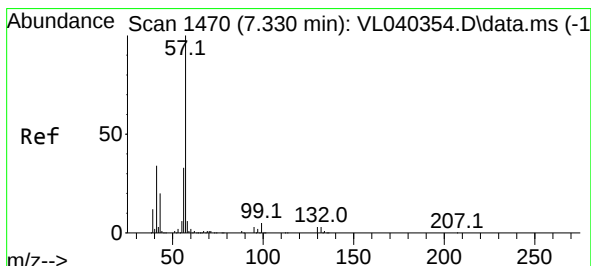
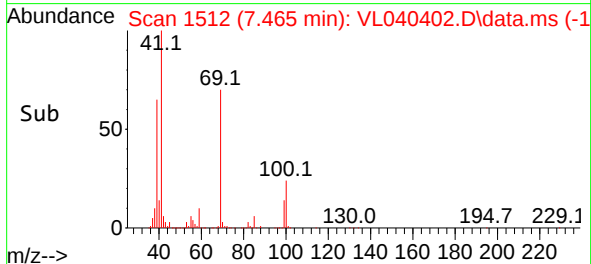
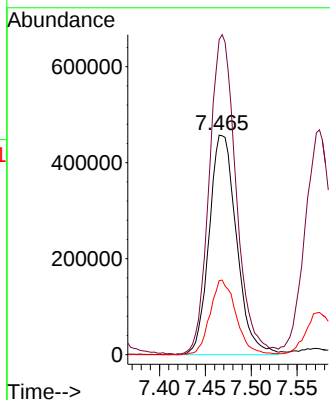
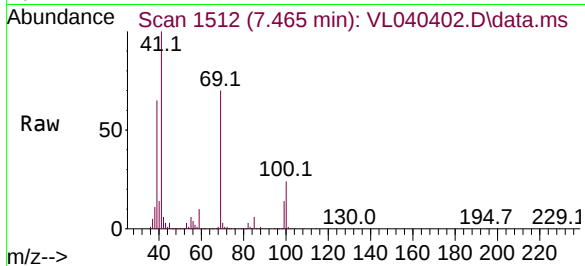
#43
Methyl Methacrylate
Concen: 10.807 ppbv
RT: 7.465 min Scan# 1512
Delta R.T. -0.010 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01

Tgt Ion: 69 Resp: 94799
Ion Ratio Lower Upper
69 100
41 142.8 114.3 171.5
100 32.4 24.5 36.7

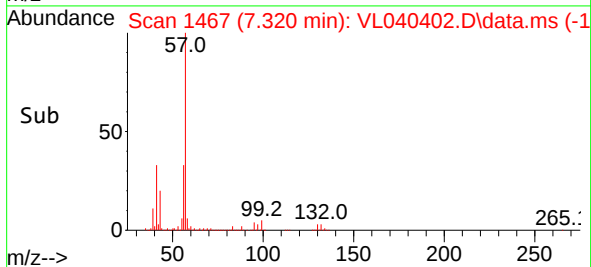
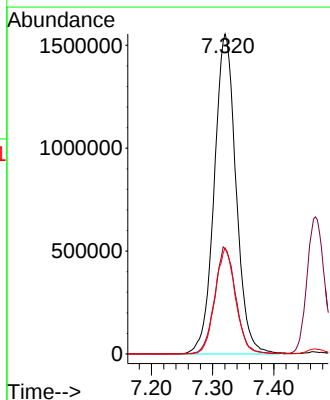
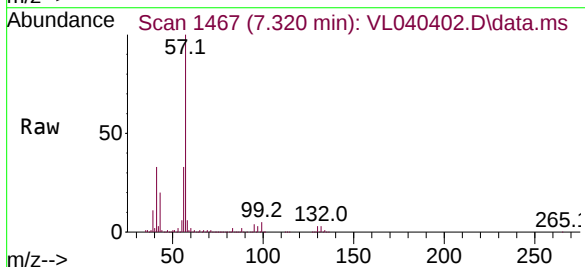
Manual Integrations
APPROVED

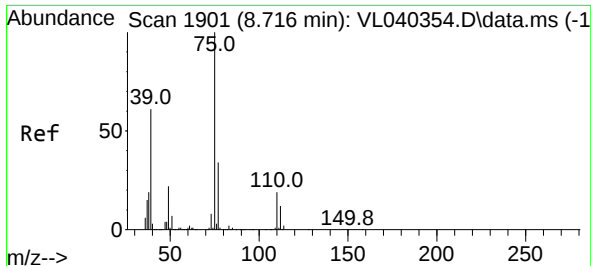
Reviewed By :Krupa Patel 05/15/2023
Supervised By :Mahesh Dadoda 05/15/2023



#44
2,2,4-Trimethylpentane
Concen: 9.750 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. -0.010 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

Tgt Ion: 57 Resp: 3846389
Ion Ratio Lower Upper
57 100
41 32.5 26.9 40.3
56 31.3 25.1 37.7





#45

t-1,3-Dichloropropene

Concen: 11.871 ppbv

RT: 8.706 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

Instrument :

MSVOA_L

ClientSampleId :

VL0511ABS01

Tgt Ion: 75 Resp: 93014

Ion Ratio Lower Upper

75 100

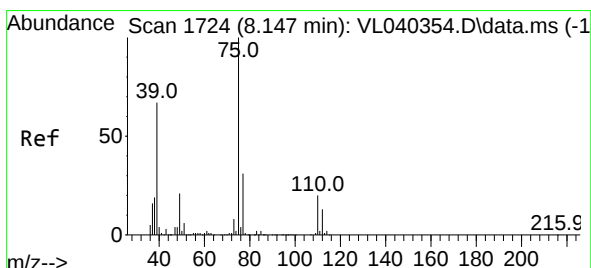
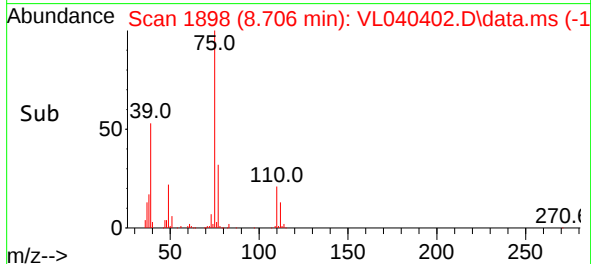
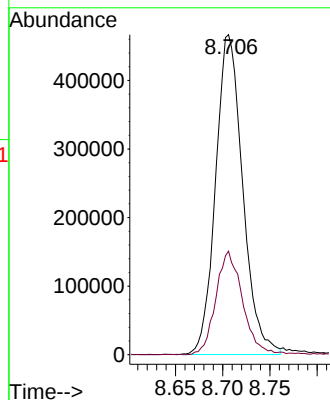
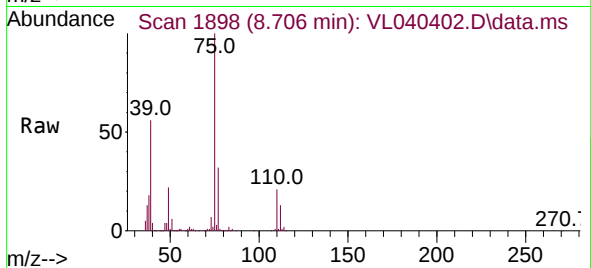
77 32.3 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/15/2023

Supervised By :Mahesh Dadoda 05/15/2023



#46

cis-1,3-Dichloropropene

Concen: 11.513 ppbv

RT: 8.137 min Scan# 1721

Delta R.T. -0.010 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

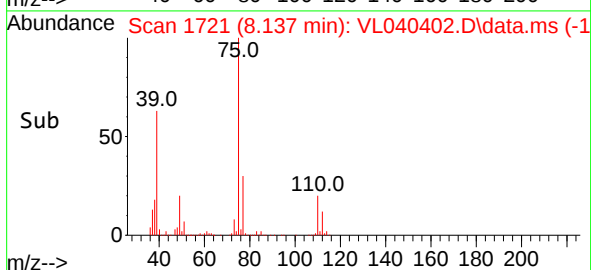
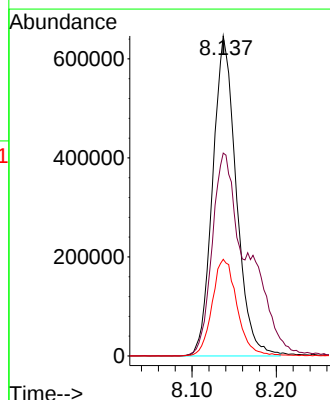
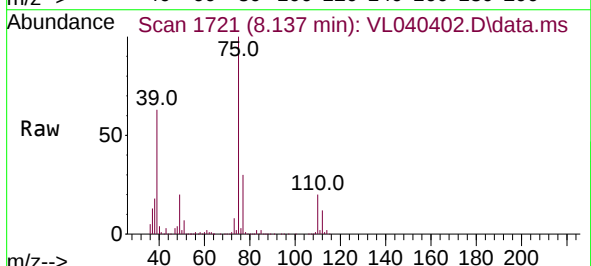
Tgt Ion: 75 Resp: 1255641

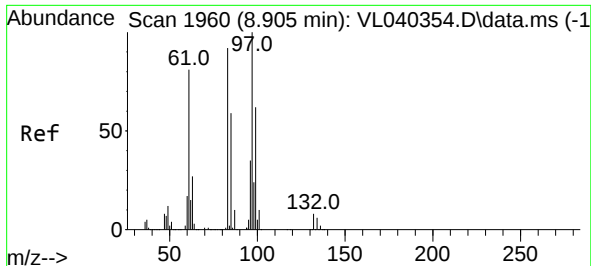
Ion Ratio Lower Upper

75 100

39 63.4 53.4 80.2

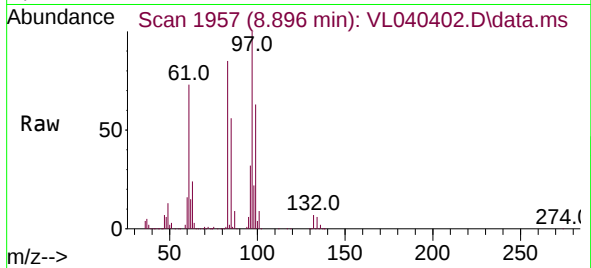
77 30.2 24.7 37.1





#47
1,1,2-Trichloroethane
Concen: 9.882 ppbv
RT: 8.896 min Scan# 1960
Delta R.T. -0.009 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

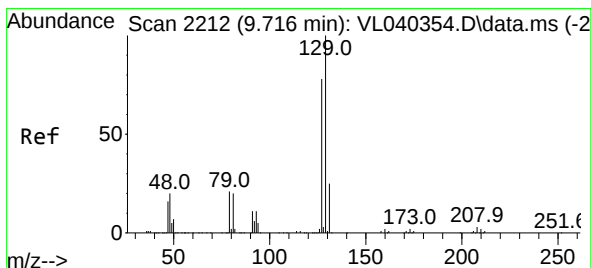
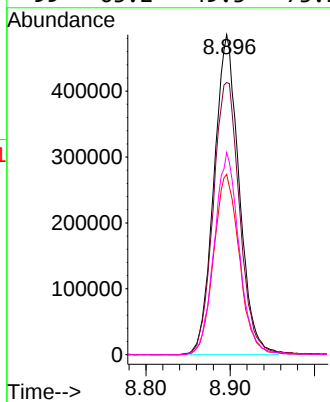
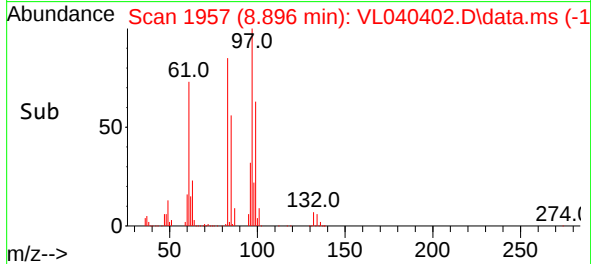
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01



Tgt Ion: 97 Resp: 1006920
Ion Ratio Lower Upper
97 100
83 85.1 73.3 109.9
85 56.4 46.9 70.3
99 63.2 49.3 73.9

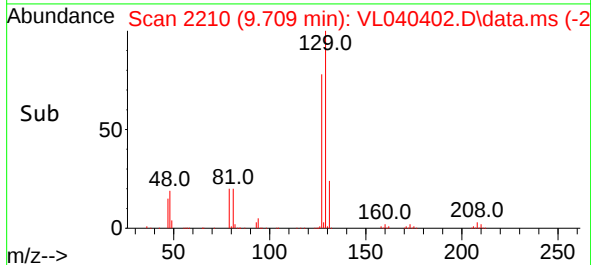
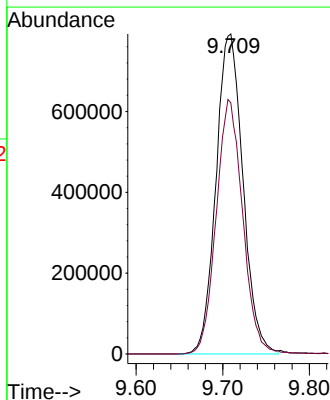
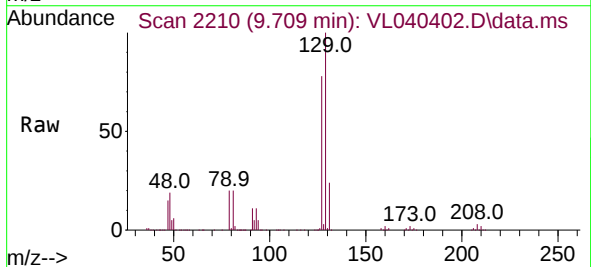
Manual Integrations
APPROVED

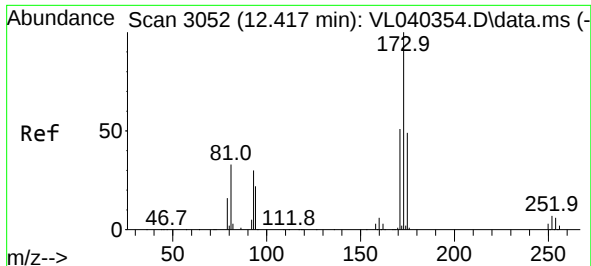
Reviewed By :Krupa Patel 05/15/2023
Supervised By :Mahesh Dadoda 05/15/2023



#48
Dibromochloromethane
Concen: 10.419 ppbv
RT: 9.709 min Scan# 2210
Delta R.T. -0.007 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

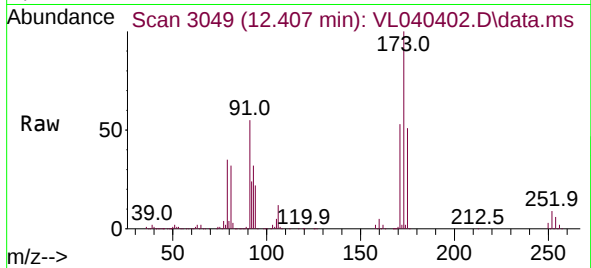
Tgt Ion:129 Resp: 1709717
Ion Ratio Lower Upper
129 100
127 78.4 39.2 117.6





#49
Bromoform
Concen: 10.819 ppbv
RT: 12.407 min Scan# 3052
Delta R.T. -0.010 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

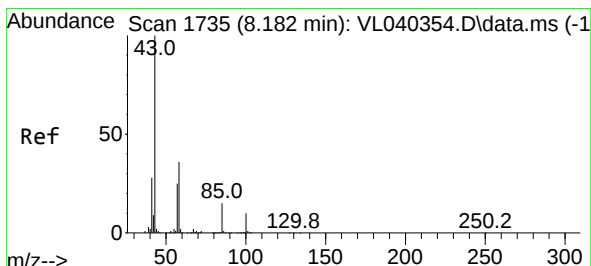
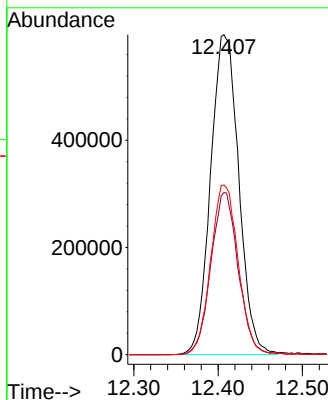
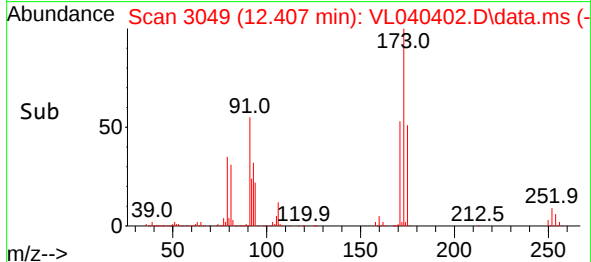
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01



Tgt Ion: 173 Resp: 138462
Ion Ratio Lower Upper
173 100
175 49.2 39.8 59.8
171 52.3 42.2 63.2

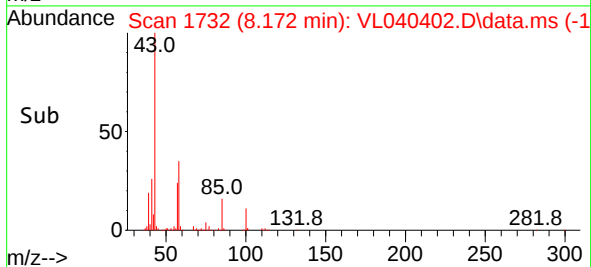
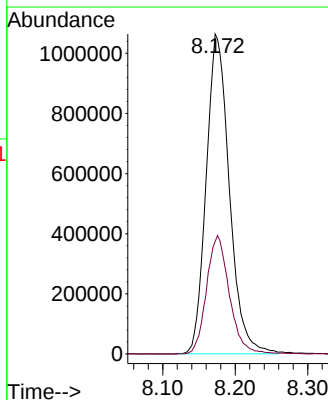
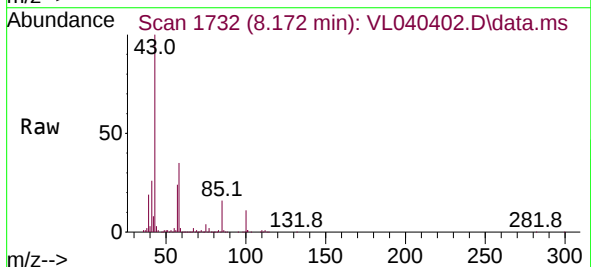
Manual Integrations
APPROVED

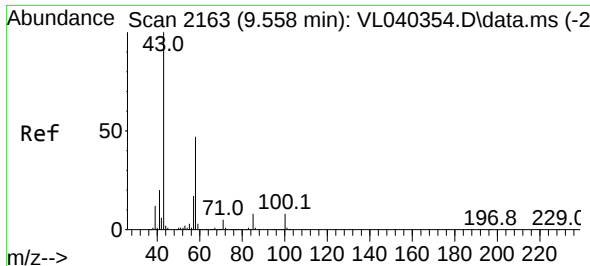
Reviewed By :Krupa Patel 05/15/2023
Supervised By :Mahesh Dadoda 05/15/2023



#50
4-Methyl-2-Pentanone
Concen: 9.978 ppbv
RT: 8.172 min Scan# 1732
Delta R.T. -0.010 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

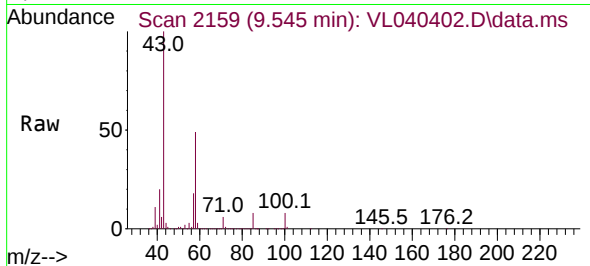
Tgt Ion: 43 Resp: 2361473
Ion Ratio Lower Upper
43 100
58 36.6 28.6 43.0





#51
2-Hexanone
Concen: 10.564 ppbv
RT: 9.545 min Scan# 2163
Delta R.T. -0.013 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

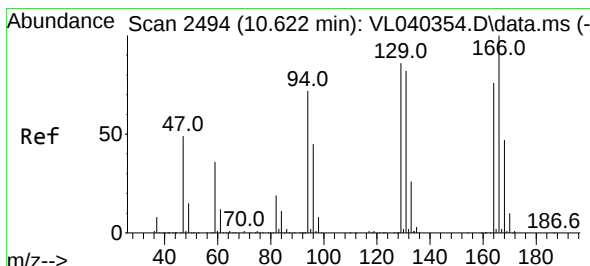
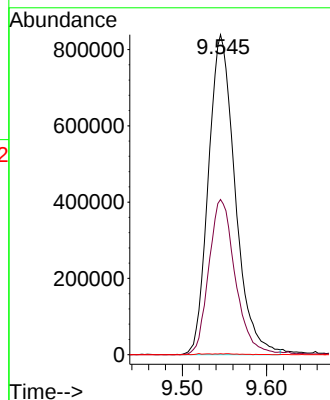
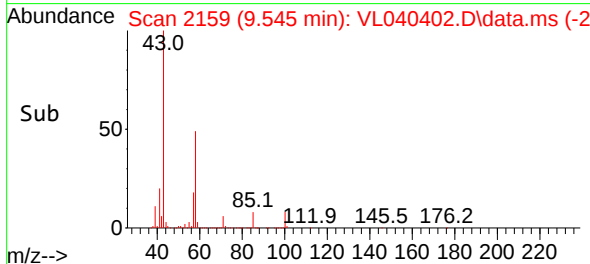
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01



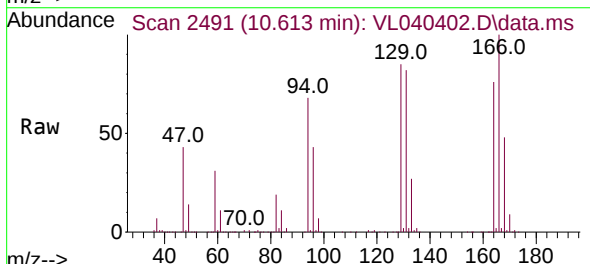
Tgt Ion: 43 Resp: 184755
Ion Ratio Lower Upper
43 100
58 48.6 38.3 57.5
98 0.4 0.4 0.6

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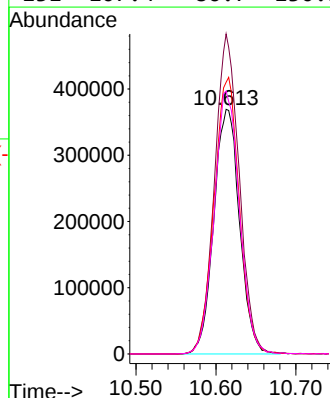
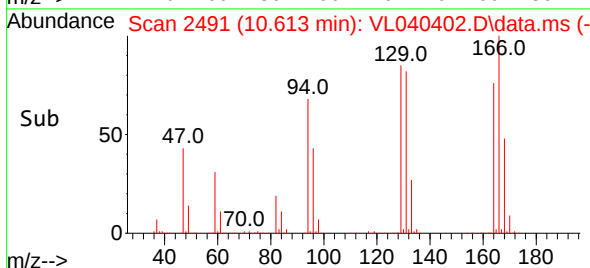
Reviewed By :Krupa Patel 05/15/2023
Supervised By :Mahesh Dadoda 05/15/2023

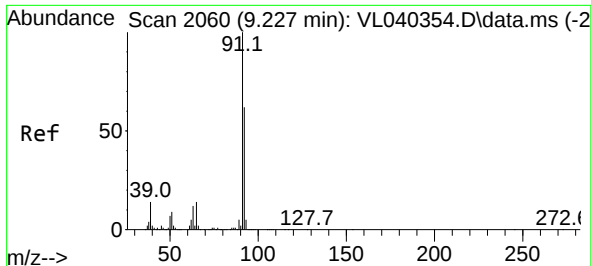


#52
Tetrachloroethene
Concen: 11.141 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. -0.009 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03



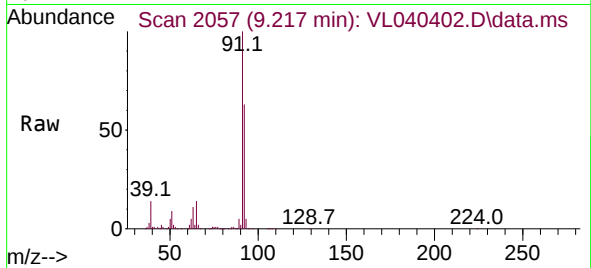
Tgt Ion:164 Resp: 823064
Ion Ratio Lower Upper
164 100
166 130.7 105.2 157.8
129 111.1 90.3 135.5
131 107.4 86.7 130.1





#53
Toluene
Concen: 10.925 ppbv
RT: 9.217 min Scan# 2060
Delta R.T. -0.010 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

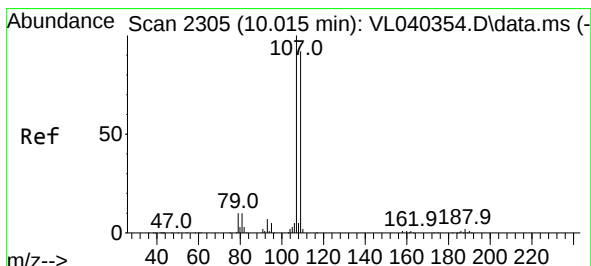
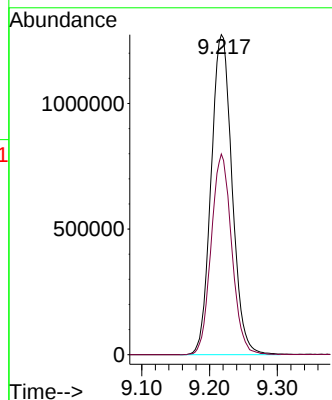
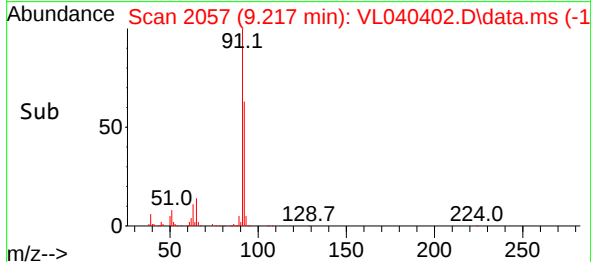
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01



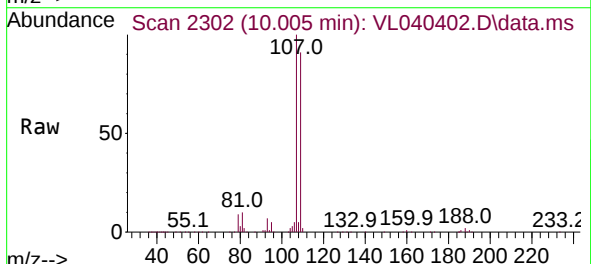
Tgt Ion: 91 Resp: 2735419
Ion Ratio Lower Upper
91 100
92 61.5 48.9 73.3

Manual Integrations
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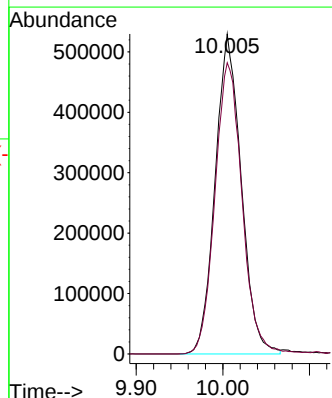
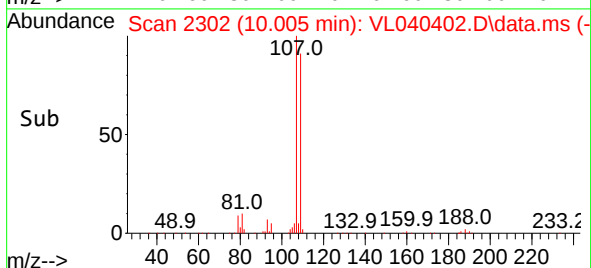
Reviewed By :Krupa Patel 05/15/2023
Supervised By :Mahesh Dadoda 05/15/2023

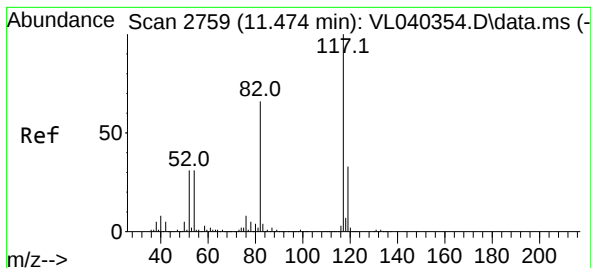


#54
1,2-Dibromoethane
Concen: 10.690 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. -0.010 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03



Tgt Ion:107 Resp: 1104242
Ion Ratio Lower Upper
107 100
109 90.9 73.6 110.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 11.465 min Scan# 21

Delta R.T. -0.009 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

Instrument :

MSVOA_L

ClientSampleId :

VL0511ABS01

Tgt Ion:117 Resp: 280274

Ion Ratio Lower Upper

117 100

82 63.8 52.5 78.7

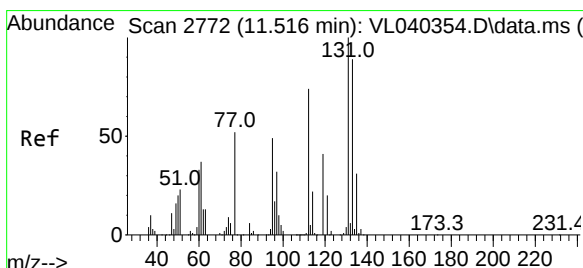
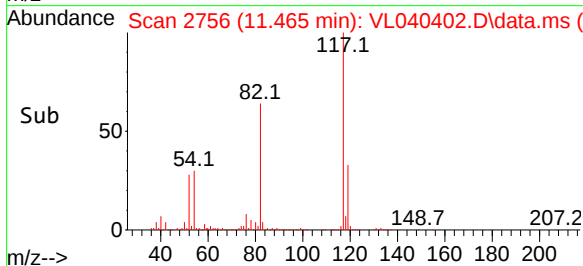
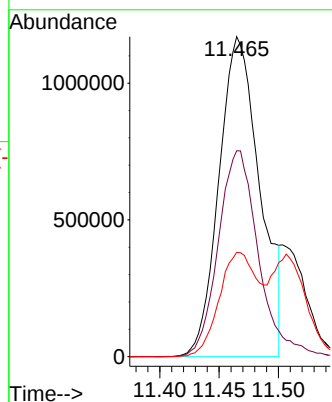
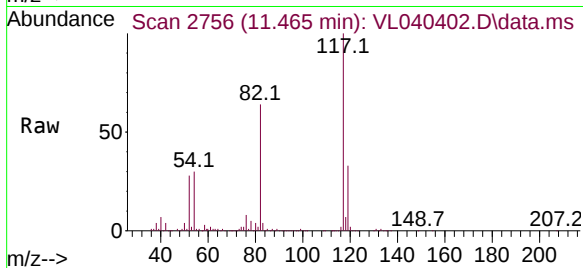
119 30.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/15/2023

Supervised By :Mahesh Dadoda 05/15/2023



#56

1,1,1,2-Tetrachloroethane

Concen: 9.519 ppbv

RT: 11.507 min Scan# 2769

Delta R.T. -0.009 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

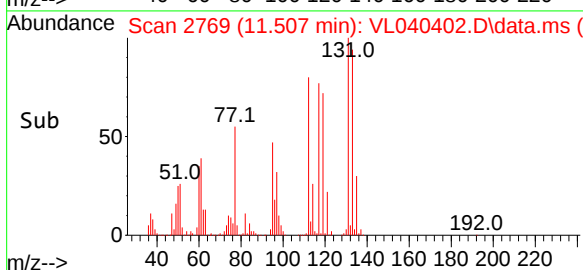
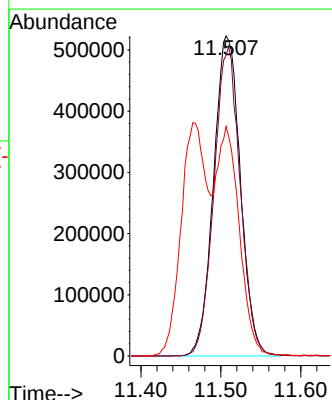
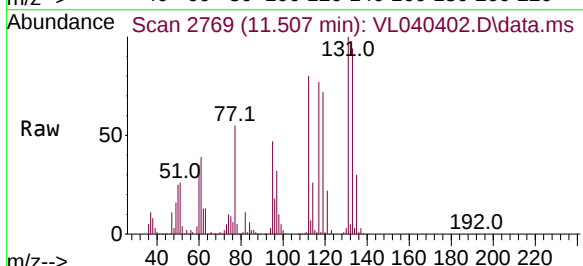
Tgt Ion:131 Resp: 1217751

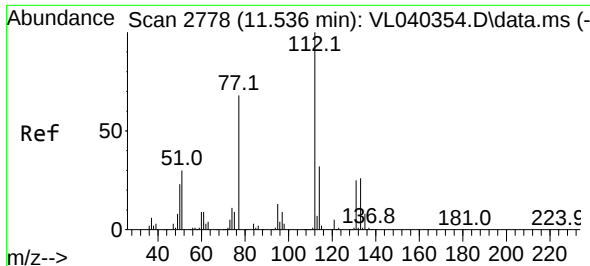
Ion Ratio Lower Upper

131 100

133 94.6 75.3 112.9

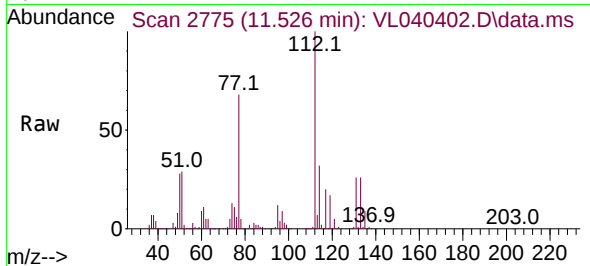
119 59.7 53.9 80.9





#57
Chlorobenzene
Concen: 9.585 ppbv
RT: 11.526 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

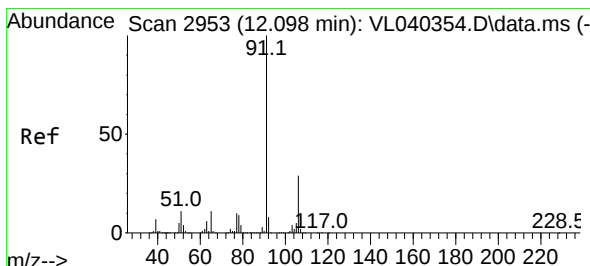
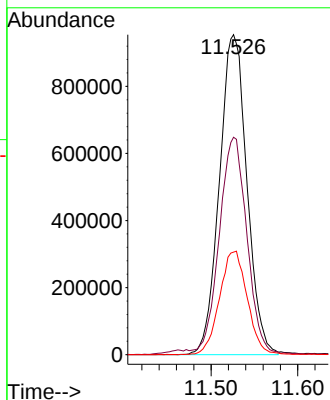
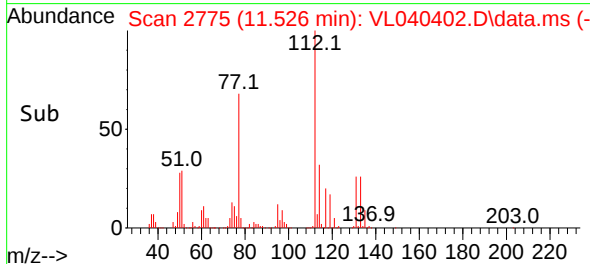
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01



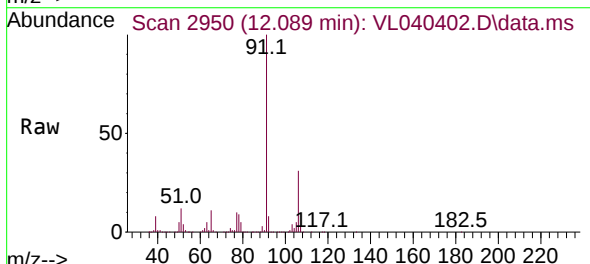
Tgt Ion:112 Resp: 210346
Ion Ratio Lower Upper
112 100
77 67.1 55.8 83.8
114 32.1 29.1 35.5

Manual Integrations
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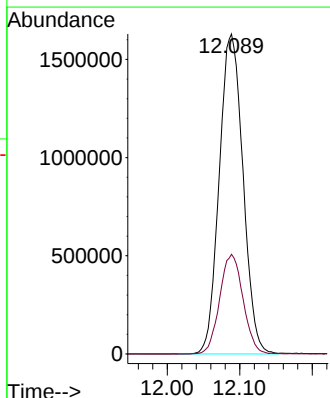
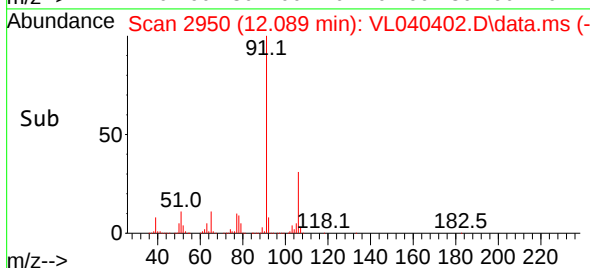
Reviewed By :Krupa Patel 05/15/2023
Supervised By :Mahesh Dadoda 05/15/2023

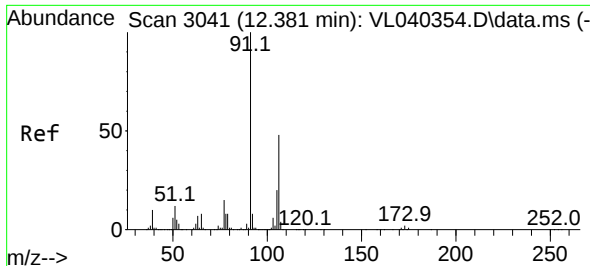


#58
Ethyl Benzene
Concen: 10.746 ppbv
RT: 12.089 min Scan# 2950
Delta R.T. -0.009 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03



Tgt Ion: 91 Resp: 3704781
Ion Ratio Lower Upper
91 100
106 31.1 23.5 35.3





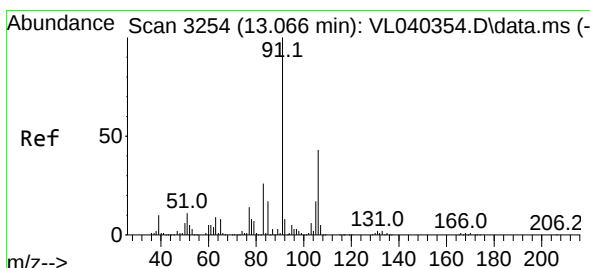
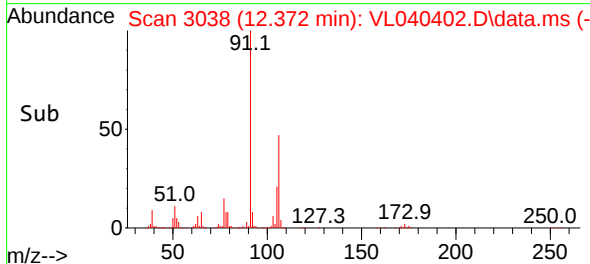
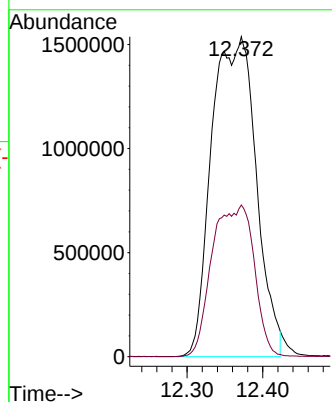
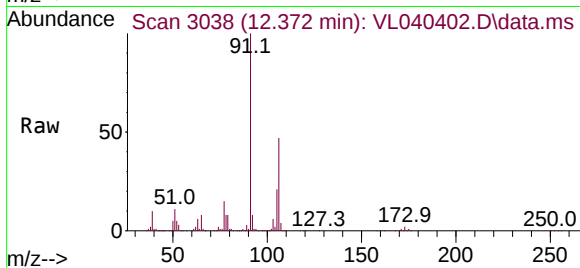
#59
m/p-Xylene
Concen: 19.803 ppbv m
RT: 12.372 min Scan# 3041
Delta R.T. -0.009 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01

Tgt Ion: 91 Resp: 6278684
Ion Ratio Lower Upper
91 100
106 44.8 34.7 52.1

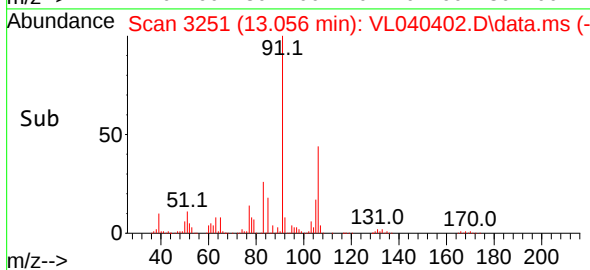
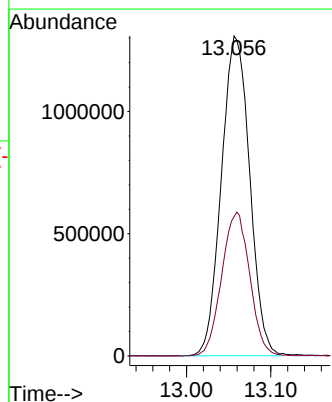
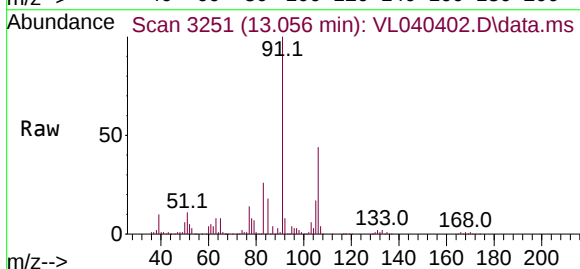
Manual Integrations
APPROVED

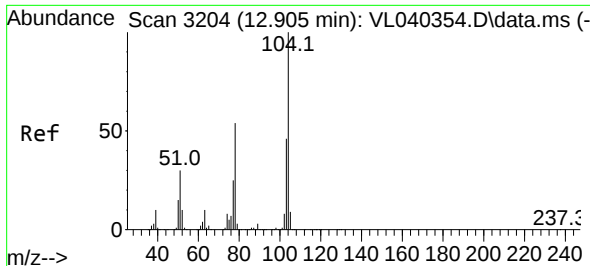
Reviewed By :Krupa Patel 05/15/2023
Supervised By :Mahesh Dadoda 05/15/2023



#60
o-Xylene
Concen: 10.017 ppbv
RT: 13.056 min Scan# 3251
Delta R.T. -0.010 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

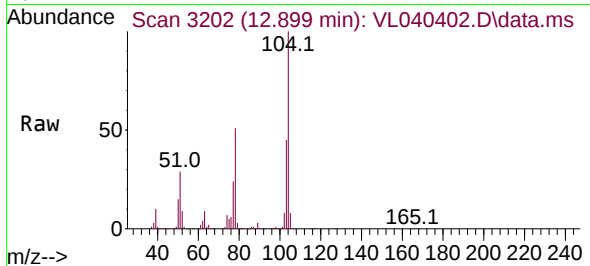
Tgt Ion: 91 Resp: 3048155
Ion Ratio Lower Upper
91 100
106 44.8 21.9 65.8





#61
Styrene
Concen: 11.846 ppbv
RT: 12.899 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

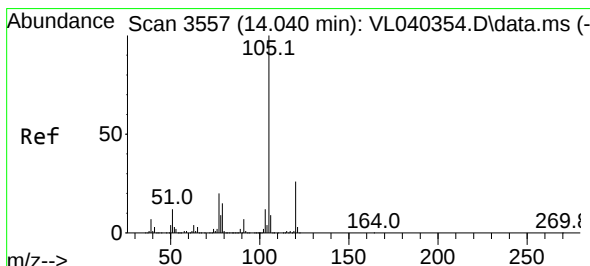
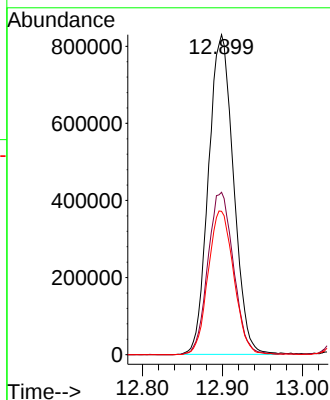
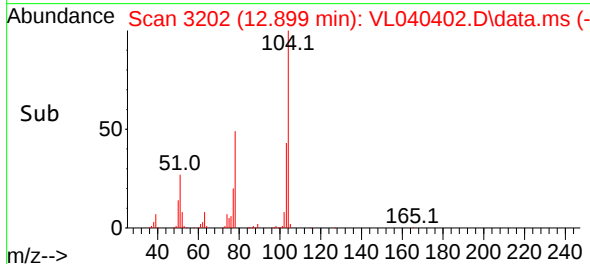
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01



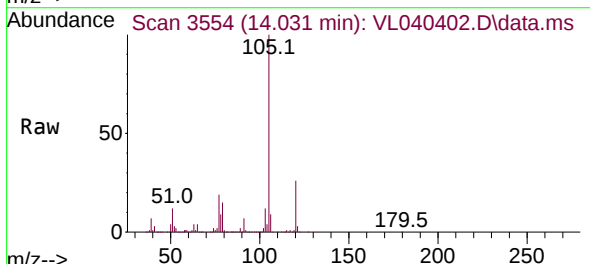
Tgt Ion:104 Resp: 180558
Ion Ratio Lower Upper
104 100
78 52.1 43.4 65.0
103 46.2 37.0 55.4

Manual Integrations
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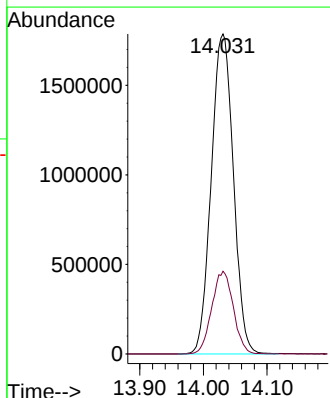
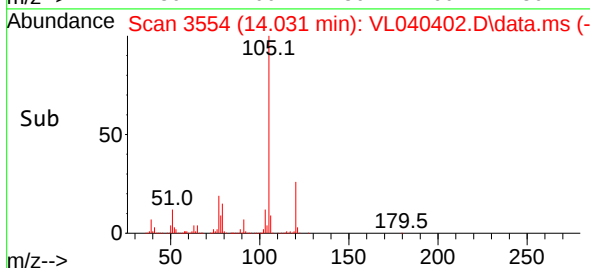
Reviewed By :Krupa Patel 05/15/2023
Supervised By :Mahesh Dadoda 05/15/2023

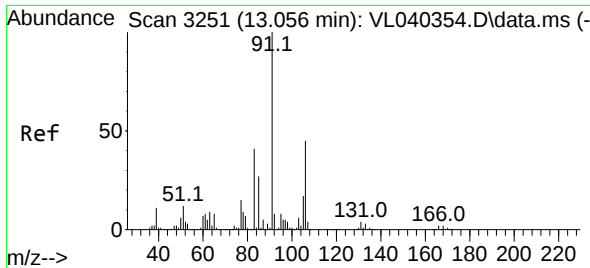


#62
Isopropylbenzene
Concen: 9.852 ppbv
RT: 14.031 min Scan# 3554
Delta R.T. -0.009 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03



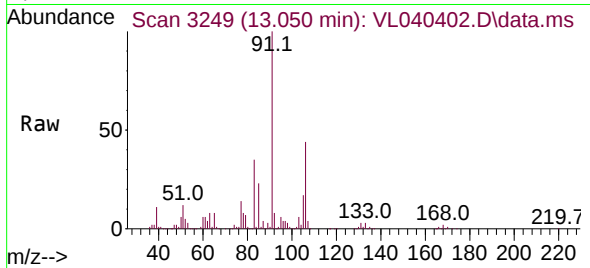
Tgt Ion:105 Resp: 4317284
Ion Ratio Lower Upper
105 100
120 25.2 19.9 29.9





#63
1,1,2,2-Tetrachloroethane
Concen: 8.490 ppbv
RT: 13.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

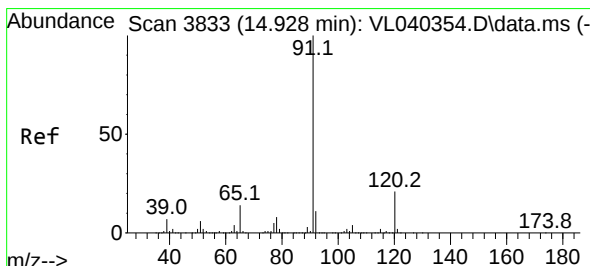
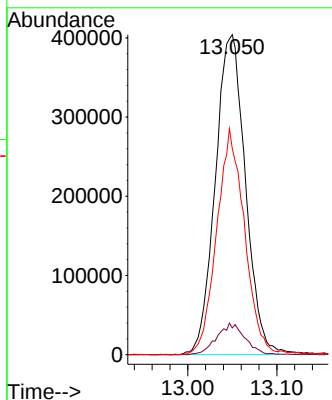
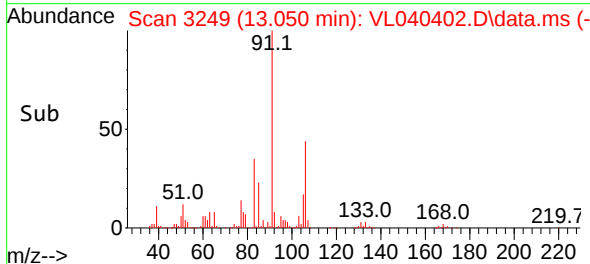
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01



Tgt Ion: 83 Resp: 945419
Ion Ratio Lower Upper
83 100
131 9.3 4.3 13.1
85 66.3 32.9 98.6

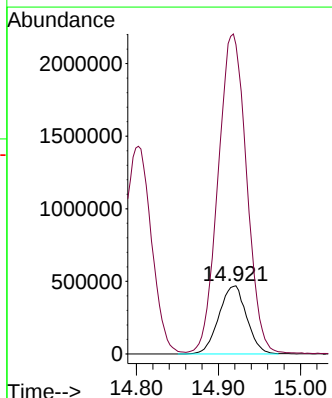
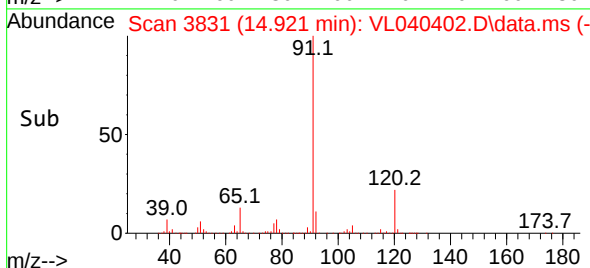
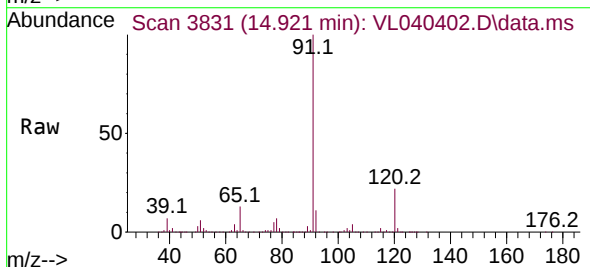
Manual Integrations
APPROVED

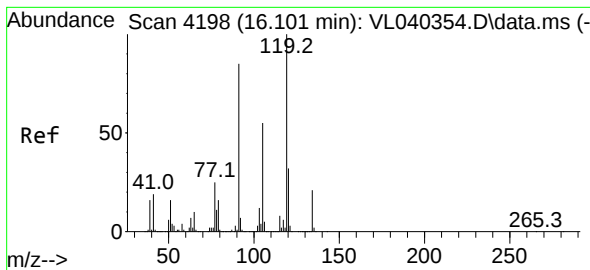
Reviewed By :Krupa Patel 05/15/2023
Supervised By :Mahesh Dadoda 05/15/2023



#64
n-propylbenzene
Concen: 10.217 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. -0.007 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

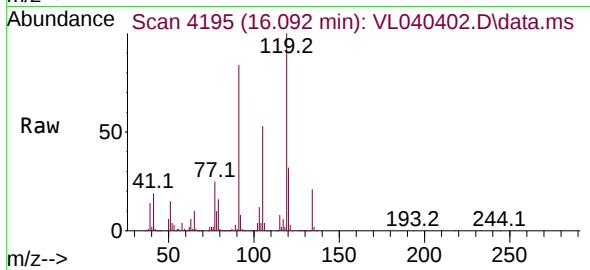
Tgt Ion:120 Resp: 1101681
Ion Ratio Lower Upper
120 100
91 483.8 397.4 596.0





#65
tert-Butylbenzene
Concen: 9.787 ppbv
RT: 16.092 min Scan# 4195
Delta R.T. -0.009 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

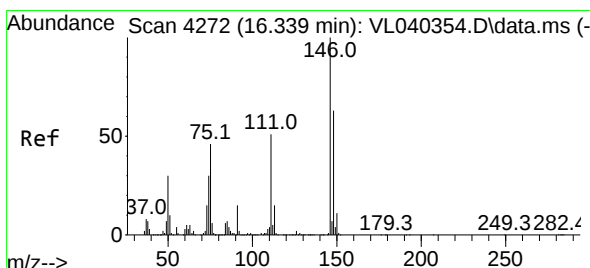
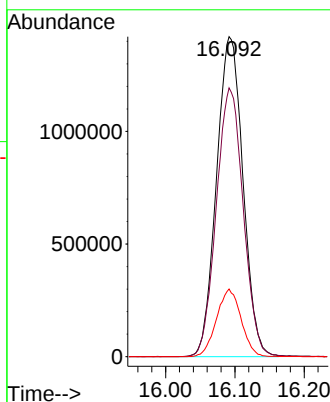
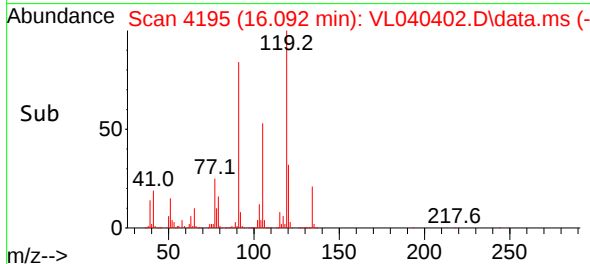
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01



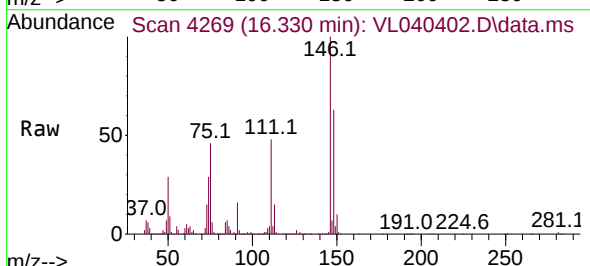
Tgt Ion:119 Resp: 3773320
Ion Ratio Lower Upper
119 100
91 85.5 70.1 105.1
134 19.7 15.6 23.4

Manual Integrations
APPROVED

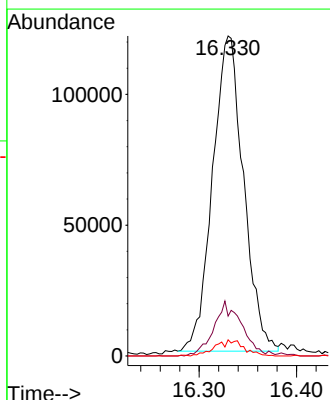
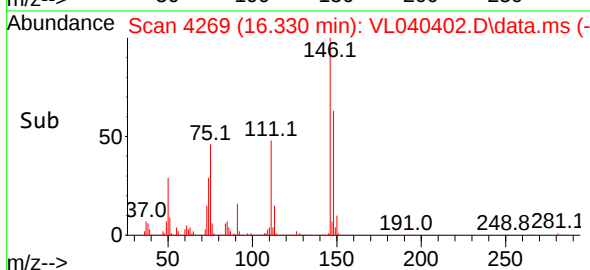
Reviewed By :Krupa Patel 05/15/2023
Supervised By :Mahesh Dadoda 05/15/2023

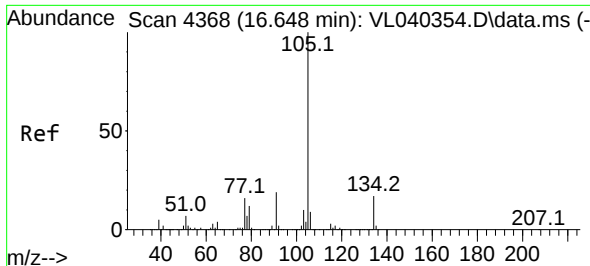


#66
Benzyl Chloride
Concen: 11.143 ppbv
RT: 16.330 min Scan# 4269
Delta R.T. -0.009 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03



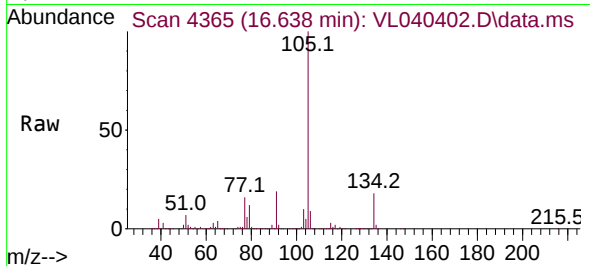
Tgt Ion: 91 Resp: 265998
Ion Ratio Lower Upper
91 100
126 16.0 12.3 18.5
128 4.8 4.1 6.1





#67
 sec-Butylbenzene
 Concen: 9.625 ppbv
 RT: 16.638 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL040402.D
 Acq: 11 May 2023 16:03

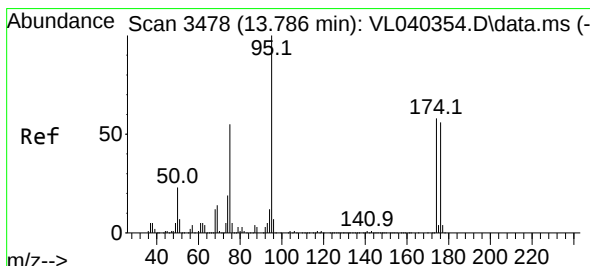
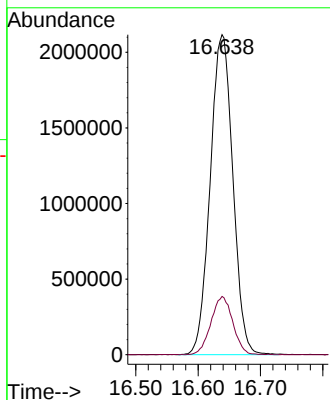
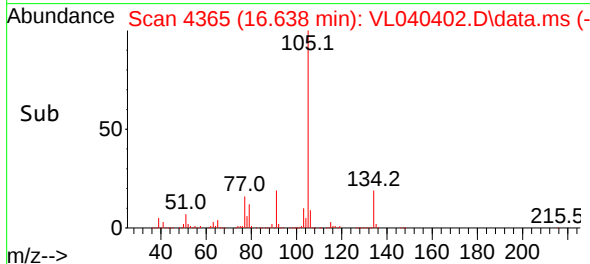
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0511ABS01



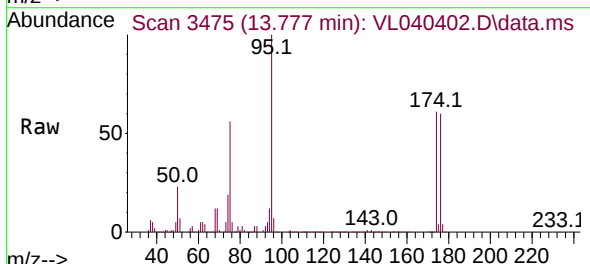
Tgt Ion: 105 Resp: 533025
 Ion Ratio Lower Upper
 105 100
 134 17.6 13.8 20.6

Manual Integrations
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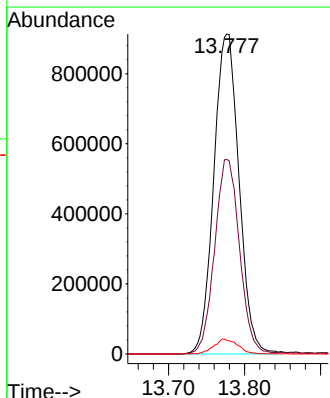
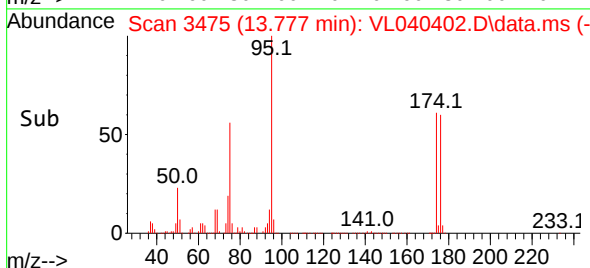
Reviewed By :Krupa Patel 05/15/2023
 Supervised By :Mahesh Dadoda 05/15/2023

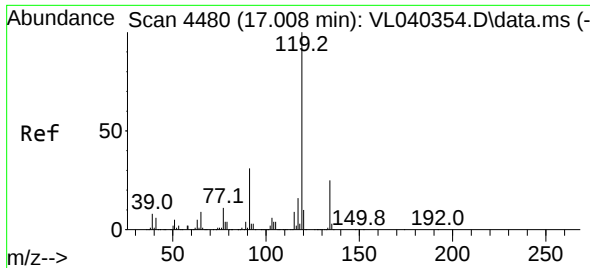


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.069 ppbv
 RT: 13.777 min Scan# 3475
 Delta R.T. -0.009 min
 Lab File: VL040402.D
 Acq: 11 May 2023 16:03



Tgt Ion: 95 Resp: 2101963
 Ion Ratio Lower Upper
 95 100
 174 60.3 47.2 70.8
 175 4.5 3.5 5.3





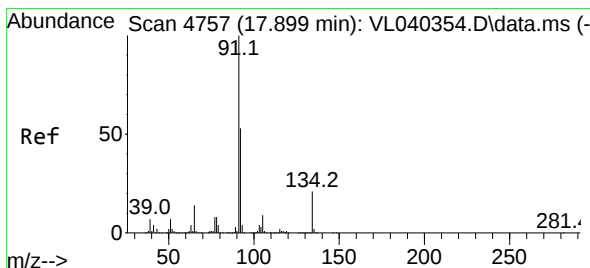
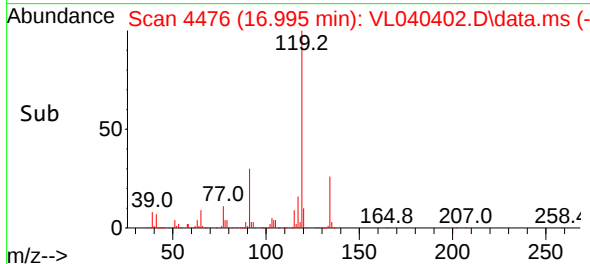
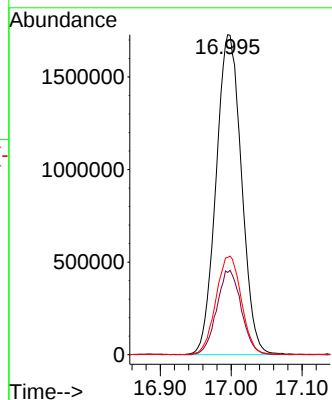
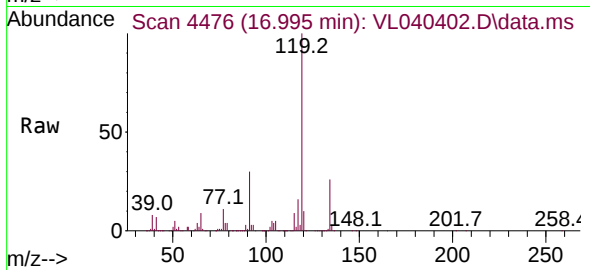
#69
p-Isopropyltoluene
Concen: 9.935 ppbv
RT: 16.995 min Scan# 4480
Delta R.T. -0.013 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01

Tgt Ion:119 Resp: 429627
Ion Ratio Lower Upper
119 100
134 25.6 20.2 30.4
91 30.8 25.7 38.5

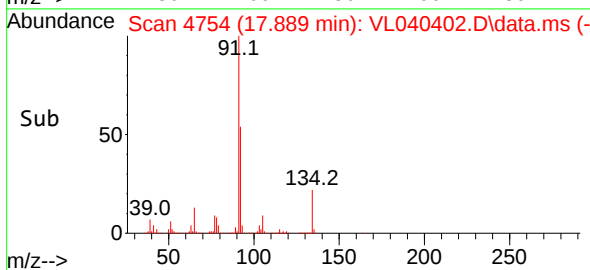
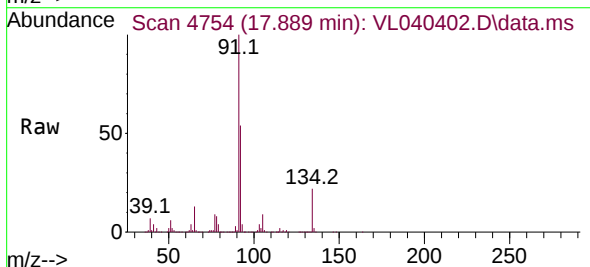
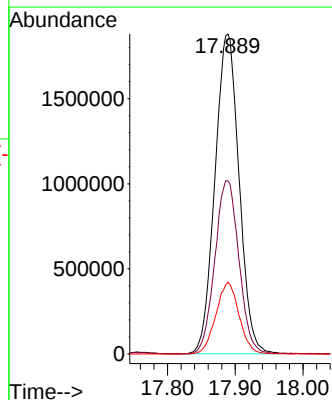
Manual Integrations
APPROVED

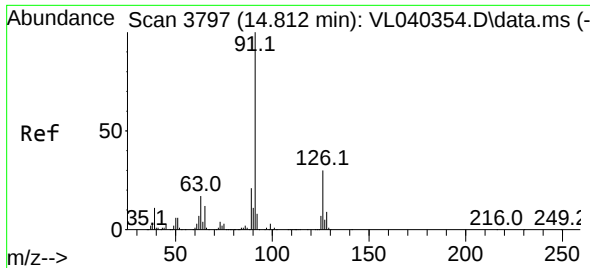
Reviewed By :Krupa Patel 05/15/2023
Supervised By :Mahesh Dadoda 05/15/2023



#70
n-Butylbenzene
Concen: 9.710 ppbv
RT: 17.889 min Scan# 4754
Delta R.T. -0.010 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

Tgt Ion: 91 Resp: 4654551
Ion Ratio Lower Upper
91 100
92 54.1 43.0 64.4
134 21.6 16.6 25.0





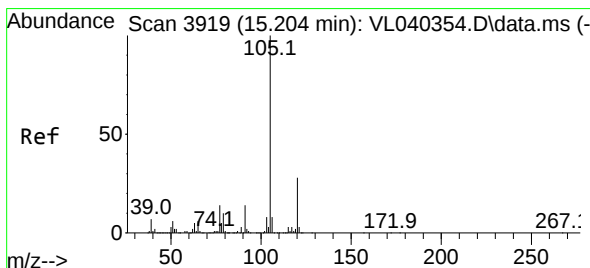
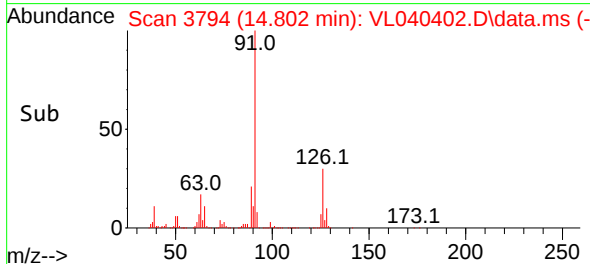
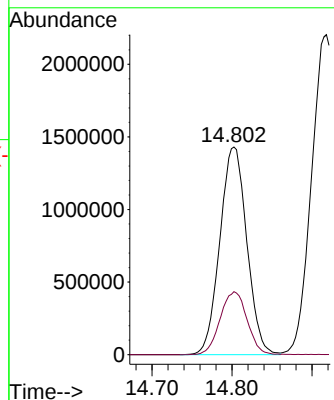
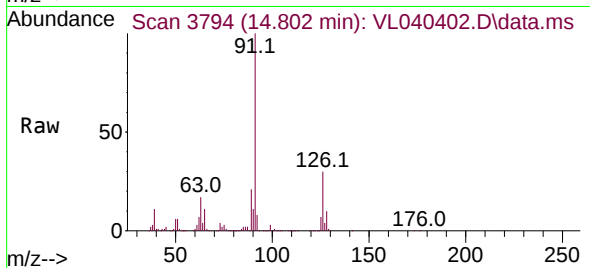
#71
2-Chlorotoluene
Concen: 9.950 ppbv
RT: 14.802 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01

Tgt Ion: 91 Resp: 3347414
Ion Ratio Lower Upper
91 100
126 30.4 11.8 47.4

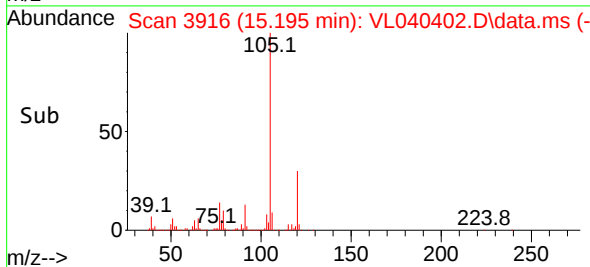
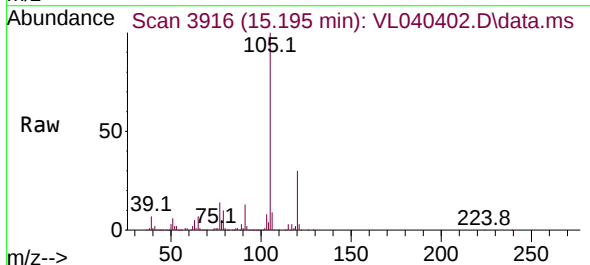
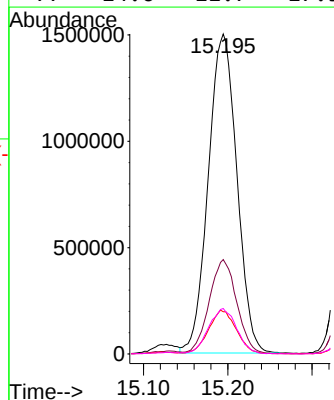
Manual Integrations
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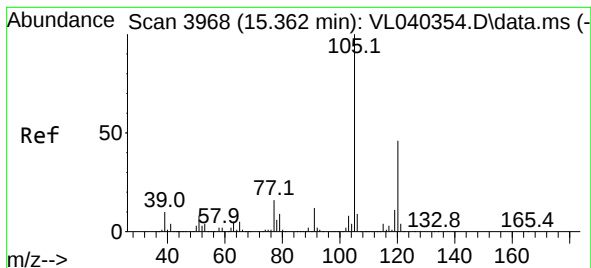
Reviewed By :Krupa Patel 05/15/2023
Supervised By :Mahesh Dadoda 05/15/2023



#72
4-Ethyltoluene
Concen: 10.522 ppbv
RT: 15.195 min Scan# 3916
Delta R.T. -0.009 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

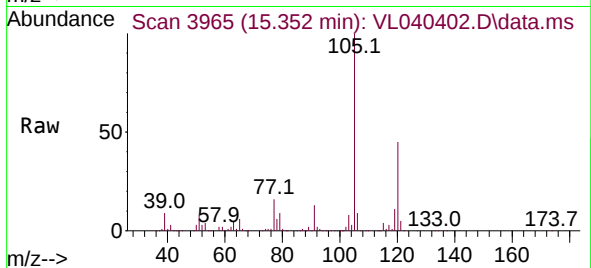
Tgt Ion:105 Resp: 3534544
Ion Ratio Lower Upper
105 100
120 29.6 23.0 34.6
91 13.3 11.3 16.9
77 14.6 11.7 17.5





#73
 1,3,5-Trimethylbenzene
 Concen: 10.075 ppbv
 RT: 15.352 min Scan# 3965
 Delta R.T. -0.010 min
 Lab File: VL040402.D
 Acq: 11 May 2023 16:03

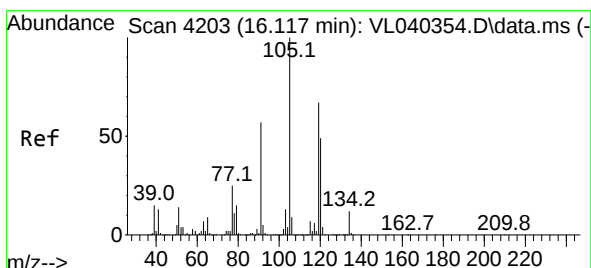
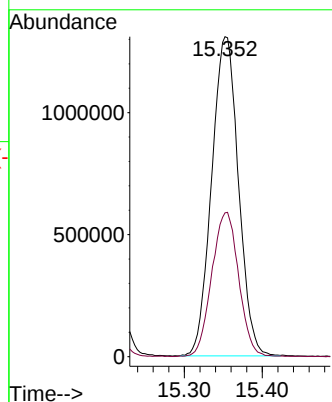
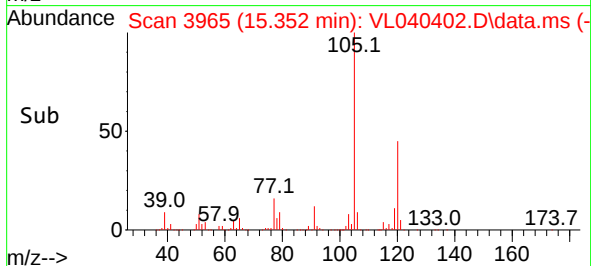
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0511ABS01



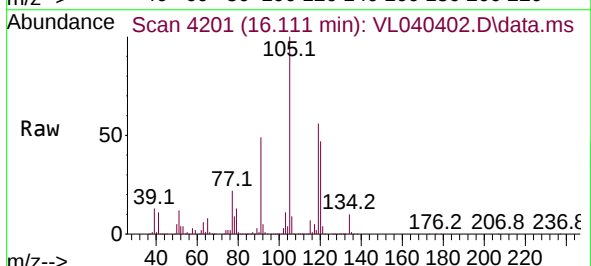
Tgt Ion:105 Resp: 3126200
 Ion Ratio Lower Upper
 105 100
 120 44.9 36.9 55.3

Manual Integrations
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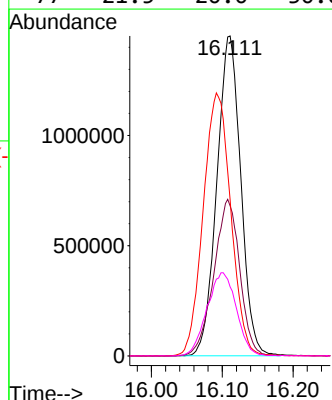
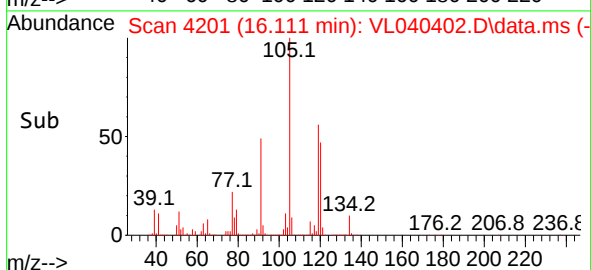
Reviewed By :Krupa Patel 05/15/2023
 Supervised By :Mahesh Dadoda 05/15/2023

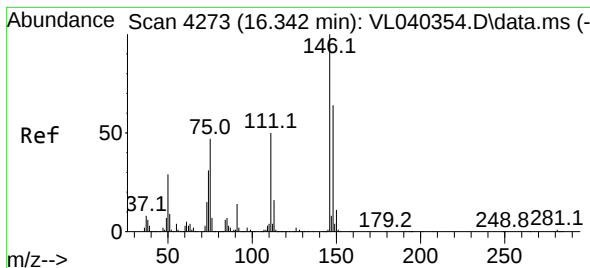


#74
 1,2,4-Trimethylbenzene
 Concen: 9.602 ppbv
 RT: 16.111 min Scan# 4201
 Delta R.T. -0.006 min
 Lab File: VL040402.D
 Acq: 11 May 2023 16:03



Tgt Ion:105 Resp: 3405455
 Ion Ratio Lower Upper
 105 100
 120 46.8 38.9 58.3
 91 48.6 46.0 69.0
 77 21.5 20.0 30.0





#75

1,3-Dichlorobenzene

Concen: 9.844 ppbv

RT: 16.333 min Scan# 4315

Delta R.T. -0.009 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

Instrument :

MSVOA_L

ClientSampleId :

VL0511ABS01

Tgt Ion:146 Resp: 1912310

Ion Ratio Lower Upper

146 100

111 47.8 24.6 74.0

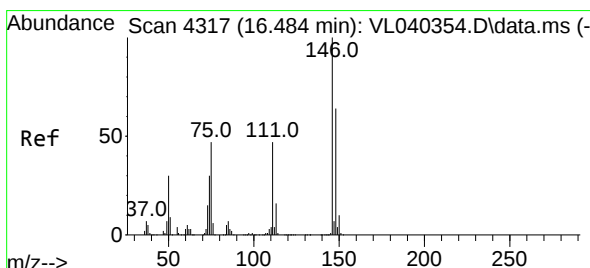
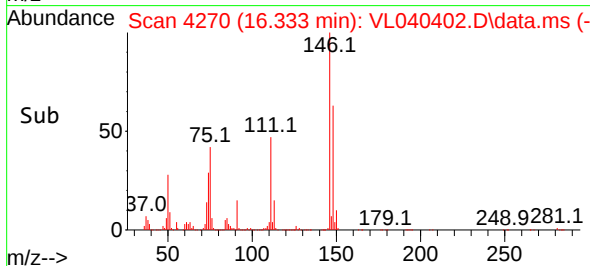
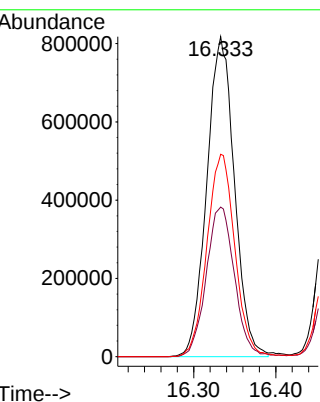
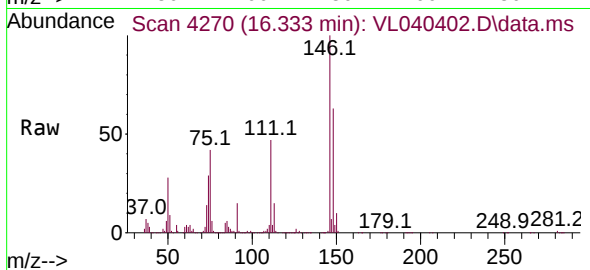
148 64.1 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/15/2023

Supervised By :Mahesh Dadoda 05/15/2023



#76

1,4-Dichlorobenzene

Concen: 9.788 ppbv

RT: 16.477 min Scan# 4315

Delta R.T. -0.007 min

Lab File: VL040402.D

Acq: 11 May 2023 16:03

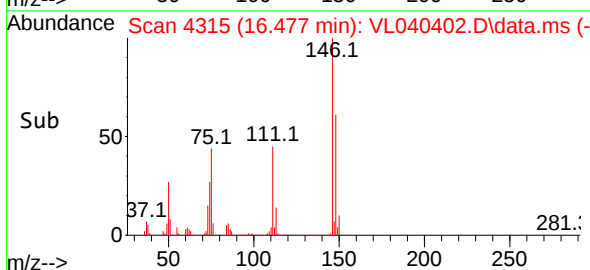
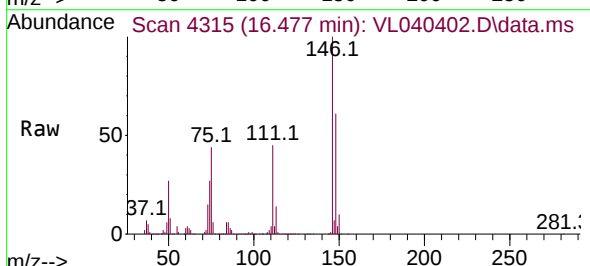
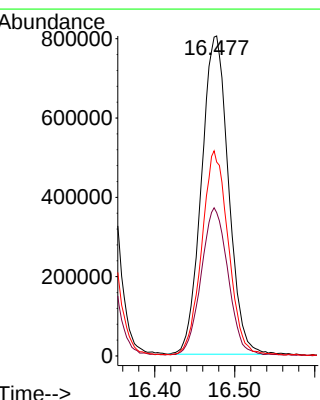
Tgt Ion:146 Resp: 1878645

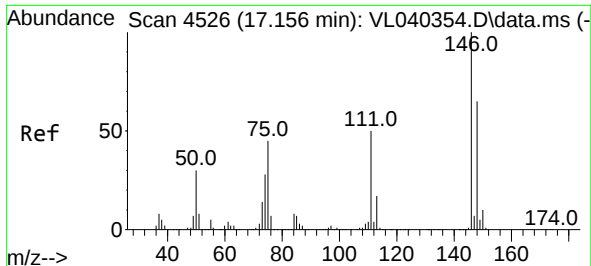
Ion Ratio Lower Upper

146 100

111 46.5 23.8 71.4

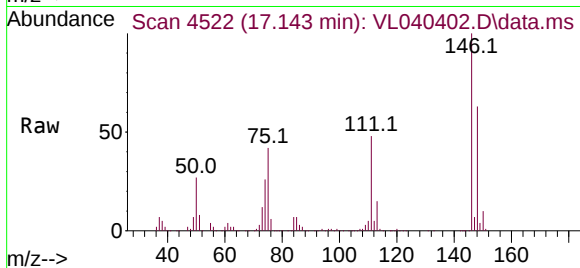
148 64.1 32.4 97.2





#77
1,2-Dichlorobenzene
Concen: 9.466 ppbv
RT: 17.143 min Scan# 4522
Delta R.T. -0.013 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

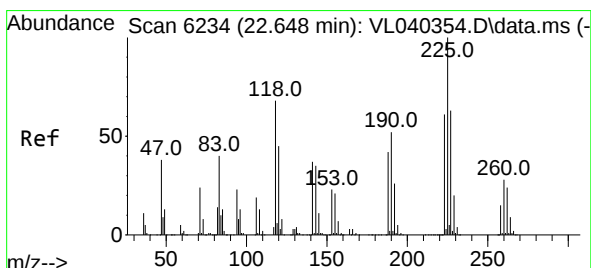
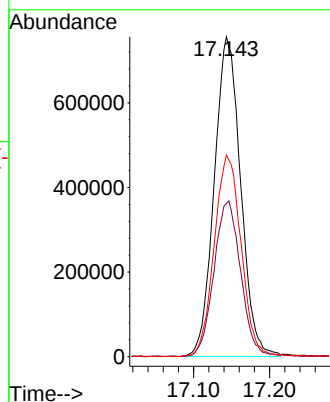
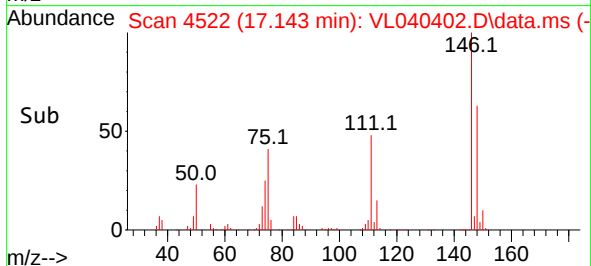
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01



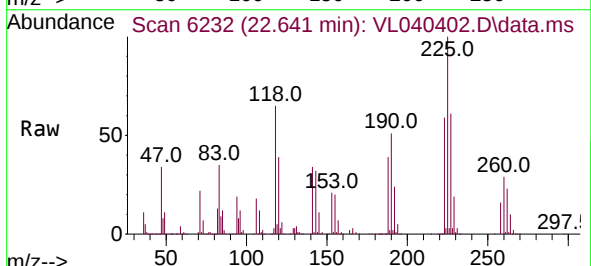
Tgt Ion:146 Resp: 181823
Ion Ratio Lower Upper
146 100
111 49.7 25.4 76.0
148 64.7 32.0 96.2

Manual Integrations
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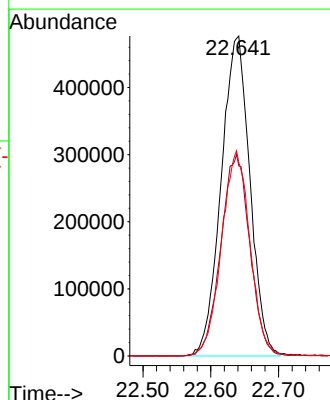
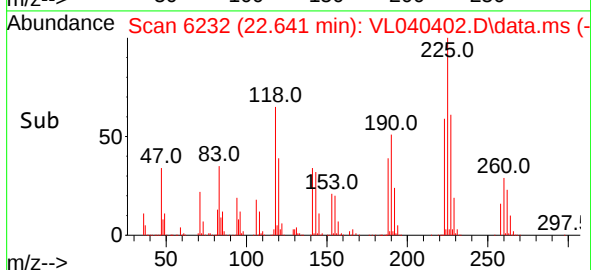
Reviewed By :Krupa Patel 05/15/2023
Supervised By :Mahesh Dadoda 05/15/2023

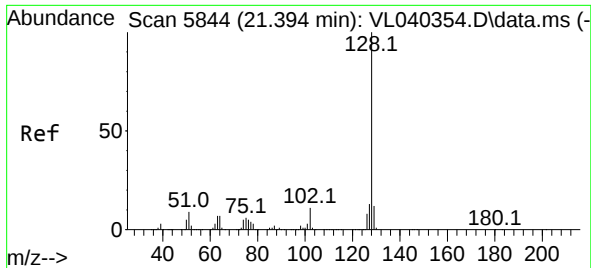


#78
Hexachloro-1,3-Butadiene
Concen: 9.124 ppbv
RT: 22.641 min Scan# 6232
Delta R.T. -0.007 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03



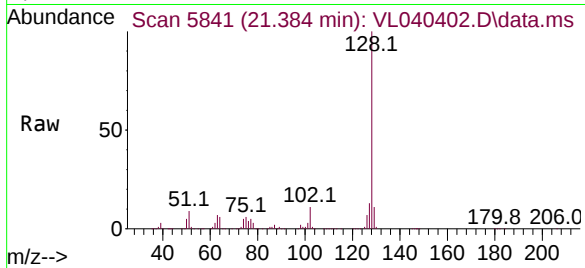
Tgt Ion:225 Resp: 1405145
Ion Ratio Lower Upper
225 100
223 63.5 50.7 76.1
227 63.8 51.0 76.4





#79
Naphthalene
Concen: 12.416 ppbv
RT: 21.384 min Scan# 5841
Delta R.T. -0.010 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03

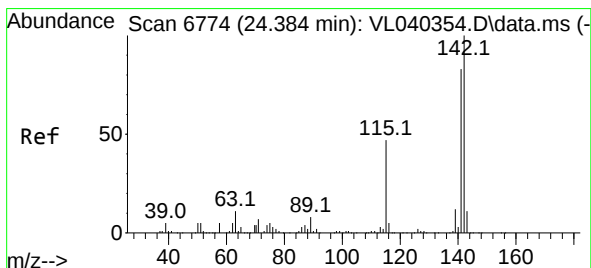
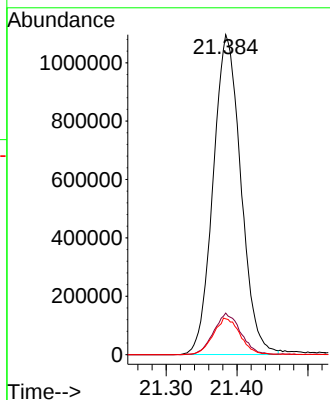
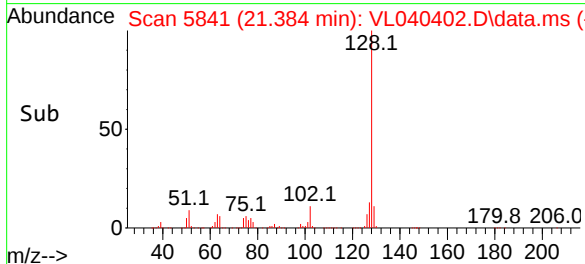
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01



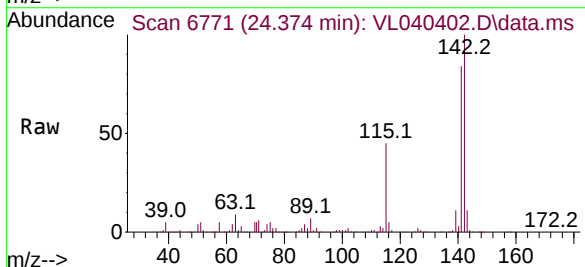
Tgt Ion:128 Resp: 297262
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 11.2 9.4 14.0

Manual Integrations
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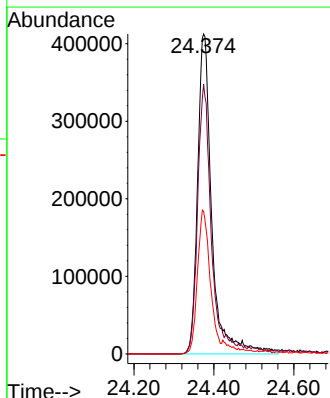
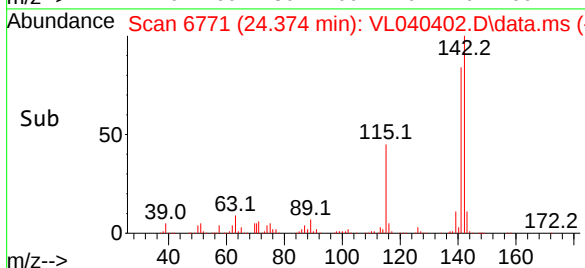
Reviewed By :Krupa Patel 05/15/2023
Supervised By :Mahesh Dadoda 05/15/2023

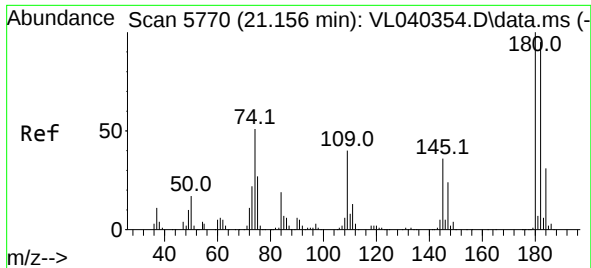


#80
Naphthalene,2-methyl-
Concen: 14.419 ppbv
RT: 24.374 min Scan# 6771
Delta R.T. -0.010 min
Lab File: VL040402.D
Acq: 11 May 2023 16:03



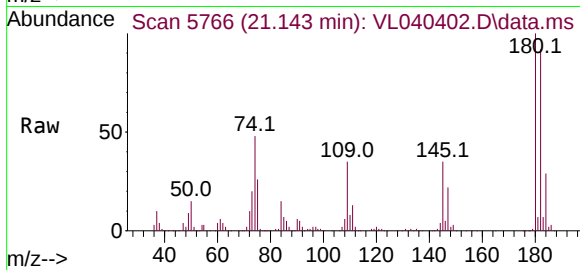
Tgt Ion:142 Resp: 1027556
Ion Ratio Lower Upper
142 100
141 83.8 65.1 97.7
115 43.8 36.5 54.7





#81
 1,2,4-Trichlorobenzene
 Concen: 10.426 ppbv
 RT: 21.143 min Scan# 51
 Delta R.T. -0.013 min
 Lab File: VL040402.D
 Acq: 11 May 2023 16:03

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0511ABS01



Tgt Ion:180 Resp: 1533899
 Ion Ratio Lower Upper
 180 100
 182 97.1 77.7 116.5
 184 31.1 24.2 36.2

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/15/2023
 Supervised By :Mahesh Dadoda 05/15/2023

