

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041923\
 Data File : VL040376.D
 Acq On : 19 Apr 2023 12:20
 Operator : SY/MD
 Sample : VL0419ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0419ABS01

Quant Time: Apr 20 05:08:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023
 QLast Update : Thu Apr 13 14:37:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 04/20/2023
 Supervised By : Mahesh Dadoda 04/22/2023

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

Internal Standards						
1) Bromochloromethane	5.182	49	1133541	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2848098	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.465	117	2900917	10.000	ppbv	0.00

System Monitoring Compounds
 68) 1-Bromo-4-Fluorobenzene 13.773 95 2279964 9.504 ppbv -0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 95.000%

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.709	85	1778421	8.702	ppbv	98
3) Chlorodifluoromethane	2.655	51	1397037	9.432	ppbv	100
4) Chloromethane	2.793	50	915121	9.780	ppbv	97
5) Vinyl Chloride	2.899	62	764217	9.894	ppbv	99
6) Bromomethane	3.102	94	252293	9.915	ppbv	97
7) Chloroethane	3.179	64	280977	9.607	ppbv	98
8) Dichlorotetrafluoroethane	2.838	85	1905724	9.541	ppbv	99
9) Propene	2.674	41	565527	9.664	ppbv	99
10) Heptane	7.571	43	1464392	11.012	ppbv	99
11) Trichlorofluoromethane	3.545	101	1946252	9.407	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.050	101	1453771	10.046	ppbv	99
13) Ethanol	3.227	45	37747m	7.727	ppbv	
14) Bromoethene	3.349	108	591243	9.992	ppbv	99
15) Acetone	3.449	43	1369211	8.528	ppbv	98
16) 1,3-Butadiene	2.967	39	683304	10.284	ppbv	98
17) tert-Butyl alcohol	3.861	59	1497560	10.157	ppbv	99
18) 1,1-Dichloroethene	3.864	96	646422	9.905	ppbv	93
19) Isopropyl Alcohol	3.558	45	702017	9.583	ppbv #	97
20) Methylene Chloride	3.915	84	563746	8.795	ppbv	97
21) Allyl Chloride	3.980	41	953147	10.448	ppbv	99
22) trans-1,2-Dichloroethene	4.430	96	687180	10.532	ppbv	98
23) Vinyl Acetate	4.610	43	413811	10.123	ppbv	97
24) 1,1-Dichloroethane	4.549	63	1374623	10.104	ppbv	100
25) Ethyl Acetate	5.192	43	2706063	10.017	ppbv	100
26) Hexane	5.198	57	1134926	9.965	ppbv	100
27) Carbon Disulfide	4.108	76	1587695	10.772	ppbv	99
28) Methyl tert-Butyl Ether	4.571	73	1253394	10.661	ppbv	99
29) Chloroform	5.262	83	1975297	9.736	ppbv	97
30) Cyclohexane	6.594	84	974084	11.043	ppbv	99
31) cis-1,2-Dichloroethene	5.066	61	1057804	9.370	ppbv	97
32) 1,1,1-Trichloroethane	5.992	97	1977862	10.034	ppbv	100
34) 2-Butanone	4.770	43	1498177	9.755	ppbv	99
35) Carbon Tetrachloride	6.484	117	2033522	10.143	ppbv	99
36) Benzene	6.359	78	2405013	10.350	ppbv	99
37) 1,2-Dichloroethane	5.796	62	1529278	10.019	ppbv	99
38) Trichloroethene	7.282	130	1461997	11.055	ppbv	98
39) 1,2-Dichloropropane	7.066	63	938157	10.261	ppbv	100
40) 1,4-Dioxane	7.278	88	351349	10.034	ppbv #	100
41) Tetrahydrofuran	5.545	42	902132	10.726	ppbv	99
42) Bromodichloromethane	7.240	83	2165235	10.388	ppbv	99
43) Methyl Methacrylate	7.468	69	968100	11.217	ppbv	98
44) 2,2,4-Trimethylpentane	7.317	57	3993603	10.289	ppbv	100
45) t-1,3-Dichloropropene	8.703	75	960273	12.456	ppbv	95

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VL0419ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/20/2023
 Supervised By :Mahesh Dadoda 04/22/2023

Quant Time: Apr 20 05:08:25 2023

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

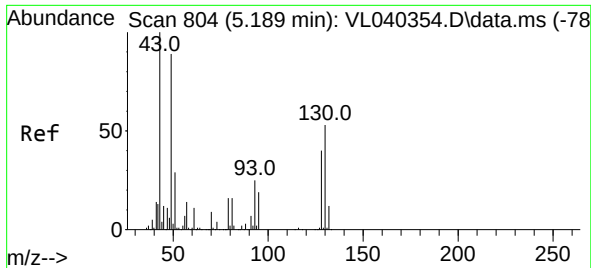
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

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	1270738	11.842	ppbv	98
47) 1,1,2-Trichloroethane	8.893	97	1017849	10.153	ppbv	99
48) Dibromochloromethane	9.706	129	1745384	10.811	ppbv	99
49) Bromoform	12.407	173	1408207	11.183	ppbv	99
50) 4-Methyl-2-Pentanone	8.172	43	2497967	10.727	ppbv	100
51) 2-Hexanone	9.545	43	1923162	11.177	ppbv	100
52) Tetrachloroethene	10.613	164	821853	11.307	ppbv	97
53) Toluene	9.214	91	2752842	11.174	ppbv	100
54) 1,2-Dibromoethane	10.002	107	1122518	11.045	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.503	131	1258832	9.507	ppbv	99
57) Chlorobenzene	11.523	112	2150965	9.470	ppbv	99
58) Ethyl Benzene	12.085	91	3778108	10.587	ppbv	97
59) m/p-Xylene	12.368	91	6586709m	20.071	ppbv	
60) o-Xylene	13.053	91	3166038	10.052	ppbv	100
61) Styrene	12.896	104	1837219	11.645	ppbv	99
62) Isopropylbenzene	14.027	105	4424603	9.755	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.047	83	993214	8.617	ppbv	99
64) n-propylbenzene	14.915	120	1125779	10.087	ppbv	99
65) tert-Butylbenzene	16.088	119	3903204	9.781	ppbv	99
66) Benzyl Chloride	16.326	91	265813	10.758	ppbv	100
67) sec-Butylbenzene	16.635	105	5497118	9.590	ppbv	99
69) p-Isopropyltoluene	16.995	119	4410947	9.855	ppbv	99
70) n-Butylbenzene	17.886	91	4839042	9.753	ppbv	100
71) 2-Chlorotoluene	14.799	91	3462334	9.943	ppbv	99
72) 4-Ethyltoluene	15.191	105	3610939	10.386	ppbv	99
73) 1,3,5-Trimethylbenzene	15.349	105	3229262	10.054	ppbv	99
74) 1,2,4-Trimethylbenzene	16.108	105	3532616	9.623	ppbv	96
75) 1,3-Dichlorobenzene	16.333	146	1939099	9.644	ppbv	99
76) 1,4-Dichlorobenzene	16.471	146	1905217	9.590	ppbv	100
77) 1,2-Dichlorobenzene	17.143	146	1851210	9.311	ppbv	99
78) Hexachloro-1,3-Butadiene	22.635	225	1409742	8.844	ppbv	99
79) Naphthalene	21.384	128	2971141	11.990	ppbv	99
80) Naphthalene,2-methyl-	24.371	142	995018	13.490	ppbv	99
81) 1,2,4-Trichlorobenzene	21.143	180	1539668	10.111	ppbv	99

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



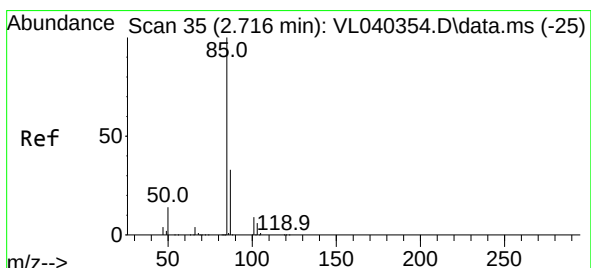
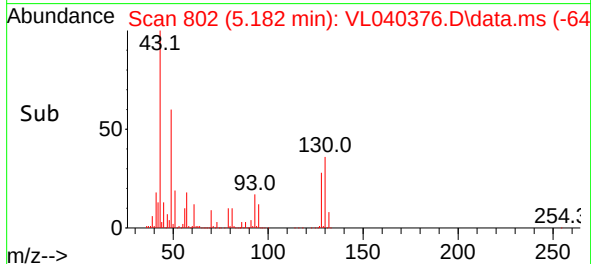
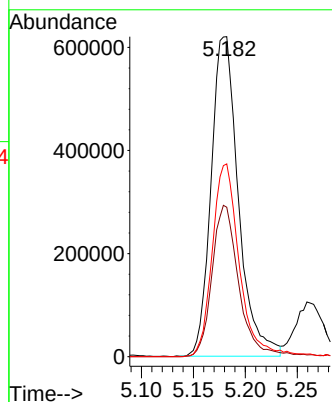
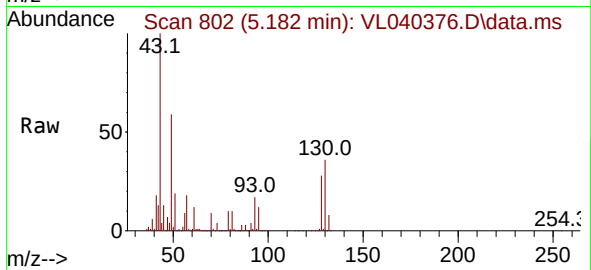
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.007 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01

Tgt Ion: 49 Resp: 113354
Ion Ratio Lower Upper
49 100
128 47.1 23.7 71.1
130 60.7 29.9 89.8

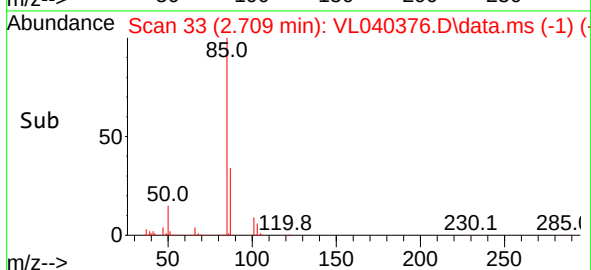
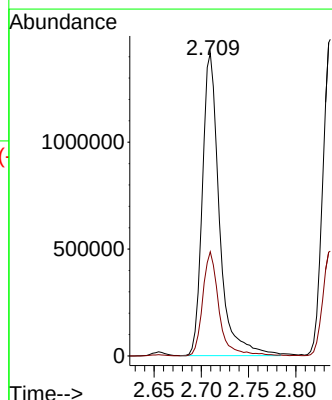
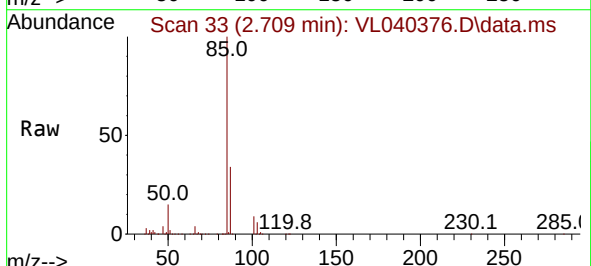
Manual Integrations
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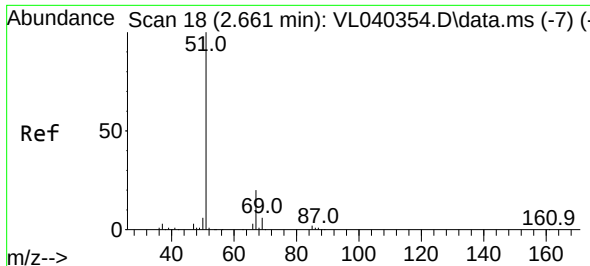
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#2
Dichlorodifluoromethane
Concen: 8.702 ppbv
RT: 2.709 min Scan# 33
Delta R.T. -0.007 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

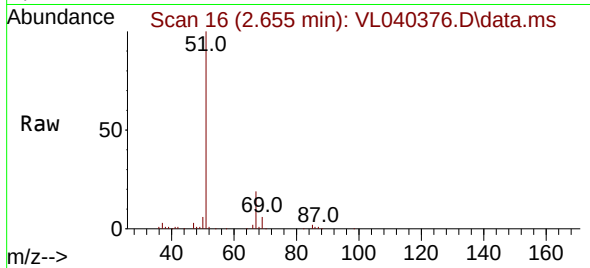
Tgt Ion: 85 Resp: 1778421
Ion Ratio Lower Upper
85 100
87 34.4 26.6 40.0





#3
Chlorodifluoromethane
Concen: 9.432 ppbv
RT: 2.655 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

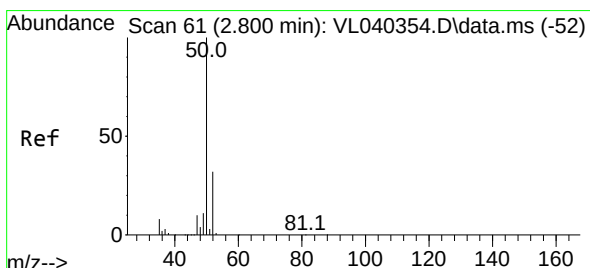
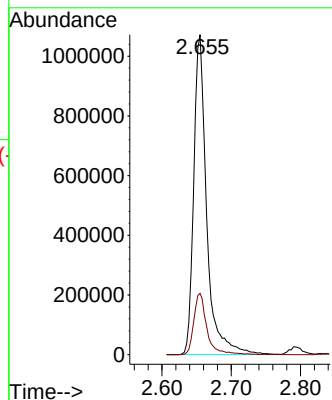
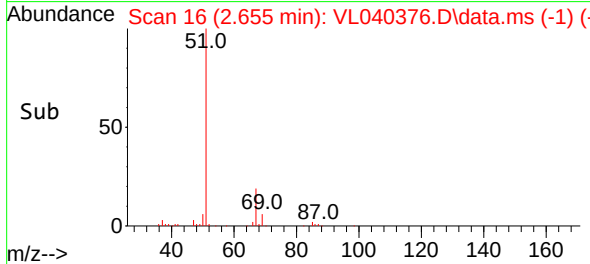
Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01



Tgt Ion: 51 Resp: 139703
Ion Ratio Lower Upper
51 100
67 19.5 15.5 23.3

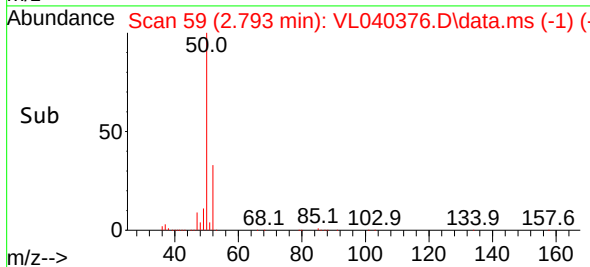
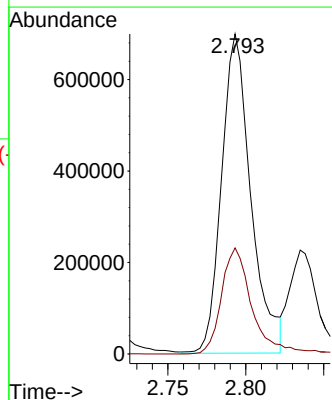
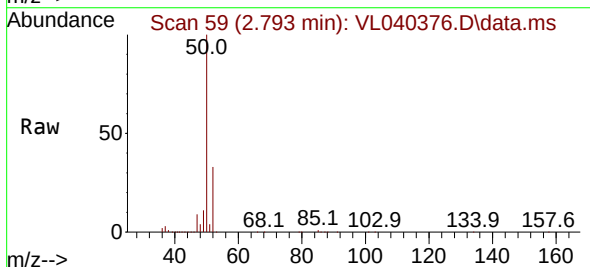
Manual Integrations
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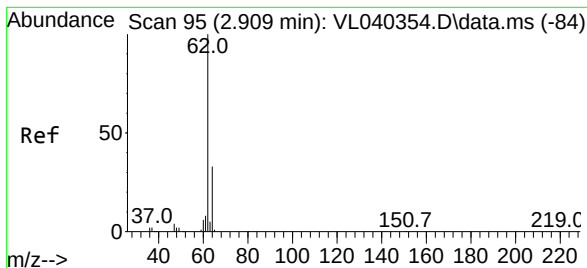
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#4
Chloromethane
Concen: 9.780 ppbv
RT: 2.793 min Scan# 59
Delta R.T. -0.007 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

Tgt Ion: 50 Resp: 915121
Ion Ratio Lower Upper
50 100
52 33.3 25.3 37.9





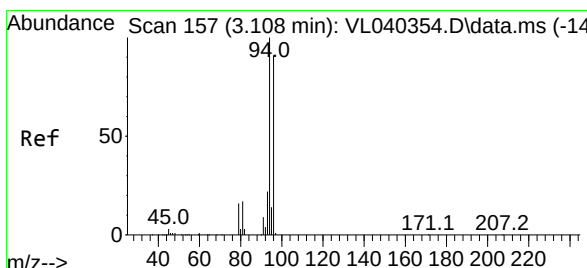
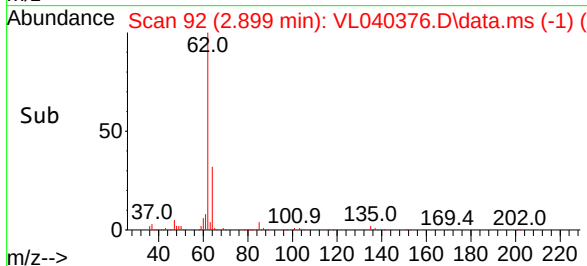
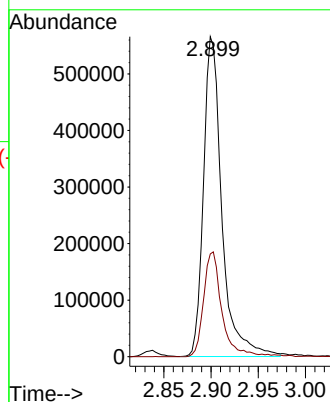
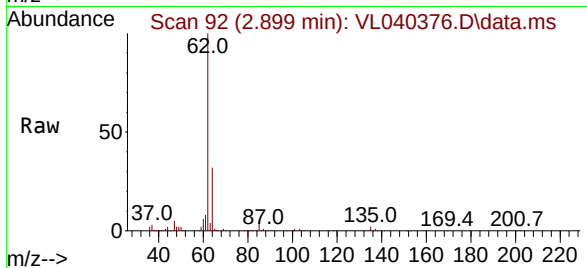
#5
 Vinyl Chloride
 Concen: 9.894 ppbv
 RT: 2.899 min Scan# 91
 Delta R.T. -0.010 min
 Lab File: VL040376.D
 Acq: 19 Apr 2023 12:20

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0419ABS01

Tgt Ion: 62 Resp: 76421
 Ion Ratio Lower Upper
 62 100
 64 32.1 26.3 39.5

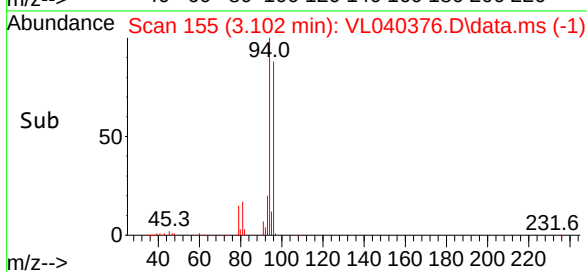
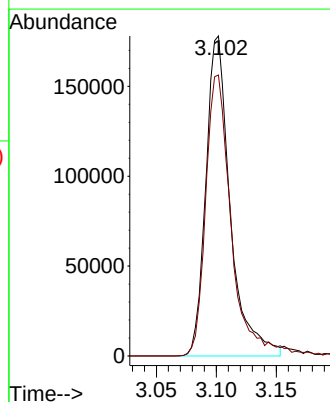
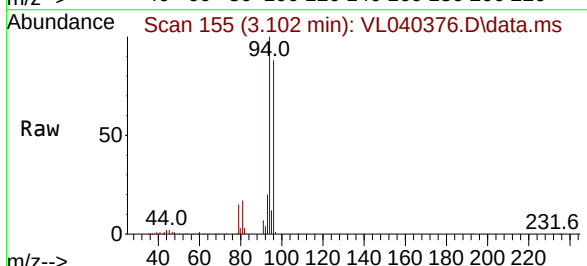
Manual Integrations
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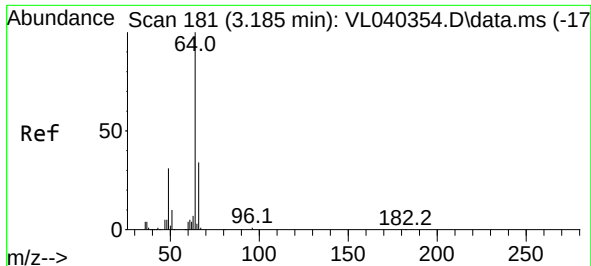
Reviewed By :Semsettin Yesilyurt 04/20/2023
 Supervised By :Mahesh Dadoda 04/22/2023



#6
 Bromomethane
 Concen: 9.915 ppbv
 RT: 3.102 min Scan# 155
 Delta R.T. -0.006 min
 Lab File: VL040376.D
 Acq: 19 Apr 2023 12:20

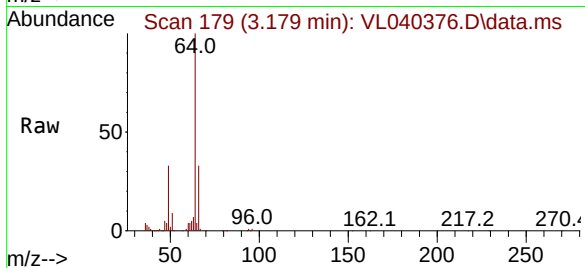
Tgt Ion: 94 Resp: 252293
 Ion Ratio Lower Upper
 94 100
 96 87.7 72.6 108.8





#7
Chloroethane
Concen: 9.607 ppbv
RT: 3.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

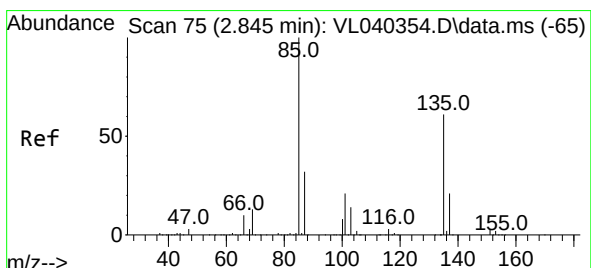
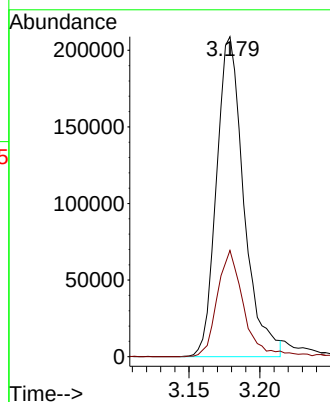
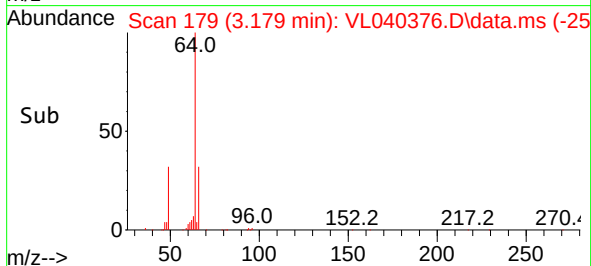
Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01



Tgt Ion: 64 Resp: 28097
Ion Ratio Lower Upper
64 100
66 33.2 27.5 41.3

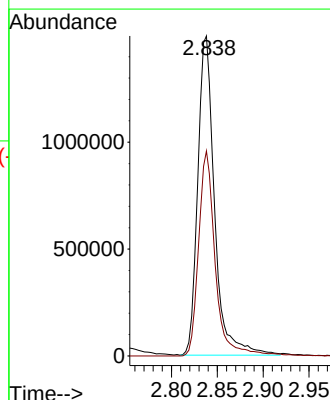
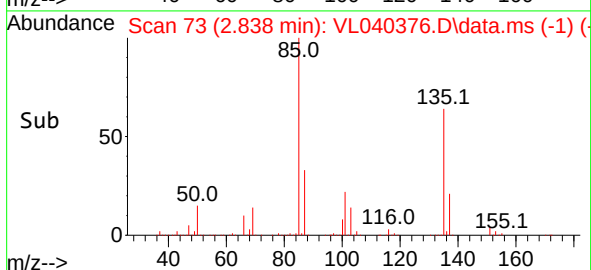
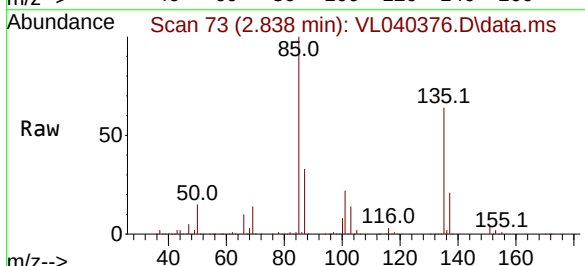
Manual Integrations
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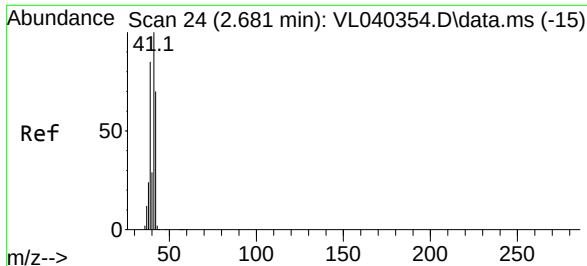
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#8
Dichlorotetrafluoroethane
Concen: 9.541 ppbv
RT: 2.838 min Scan# 73
Delta R.T. -0.007 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

Tgt Ion: 85 Resp: 1905724
Ion Ratio Lower Upper
85 100
135 64.1 50.7 76.1





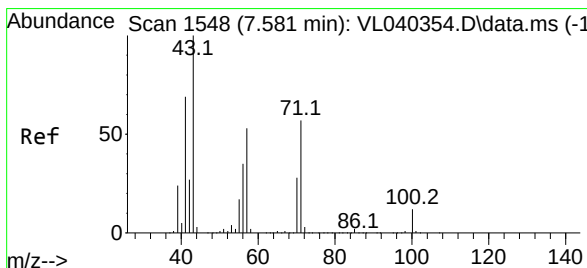
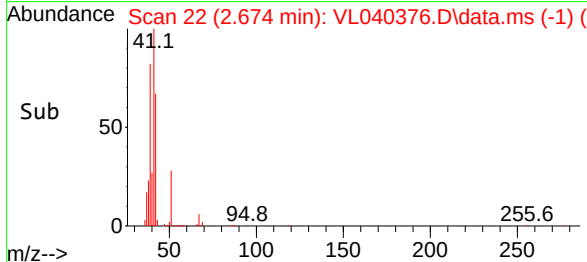
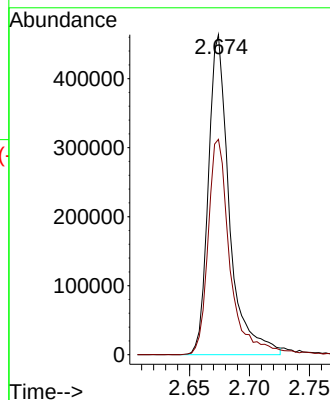
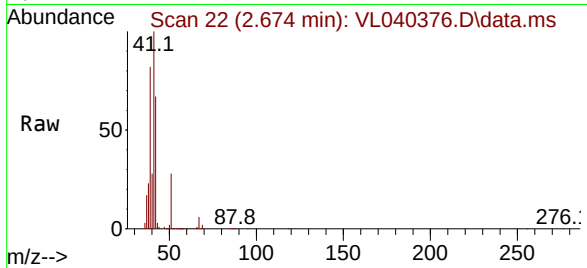
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Propene
Concen: 9.664 ppbv
RT: 2.674 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01

Tgt Ion: 41 Resp: 56552
Ion Ratio Lower Upper
41 100
42 71.1 56.5 84.7

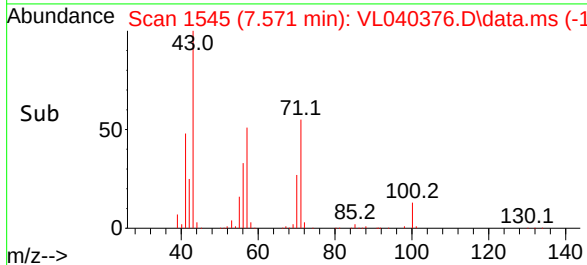
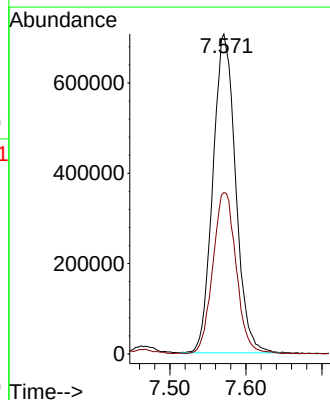
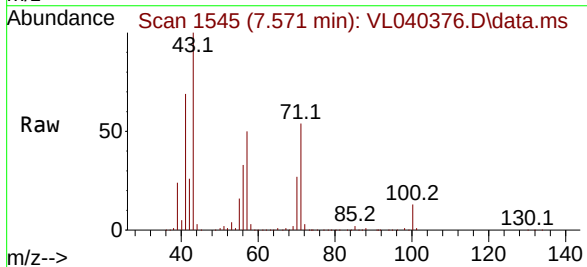
Manual Integrations
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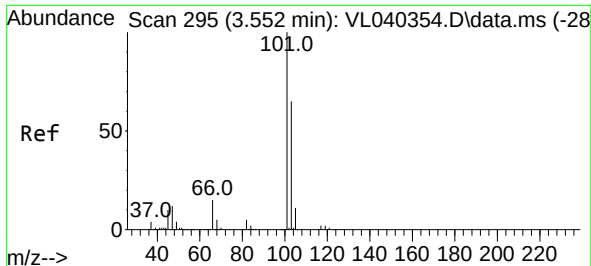
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#10
Heptane
Concen: 11.012 ppbv
RT: 7.571 min Scan# 1545
Delta R.T. -0.010 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

Tgt Ion: 43 Resp: 1464392
Ion Ratio Lower Upper
43 100
57 52.0 42.2 63.4





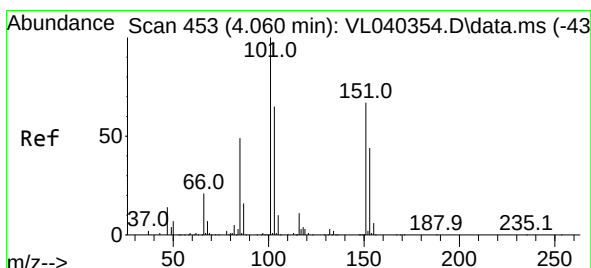
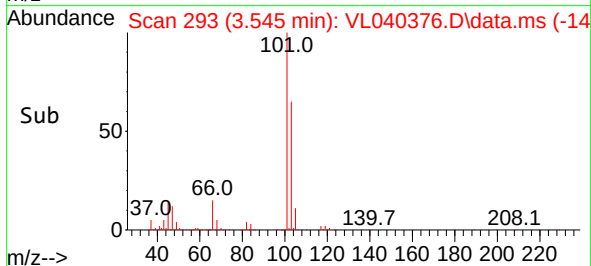
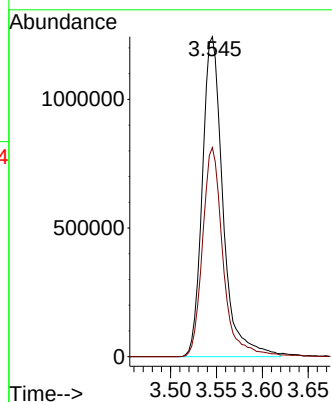
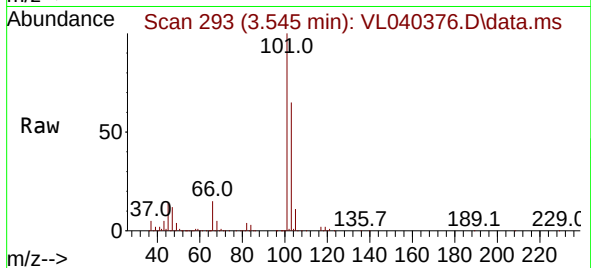
#11
Trichlorofluoromethane
Concen: 9.407 ppbv
RT: 3.545 min Scan# 295
Delta R.T. -0.007 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

Instrument : MSVOA_L
ClientSampleId : VL0419ABS01

Tgt Ion:101 Resp: 1946252
Ion Ratio Lower Upper
101 100
103 65.3 52.2 78.4

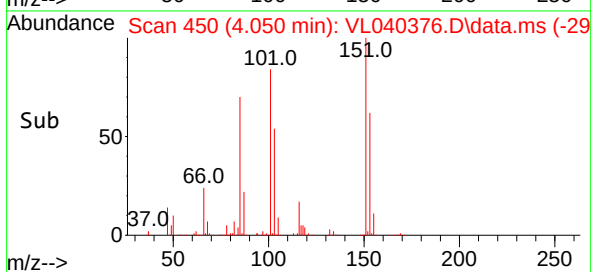
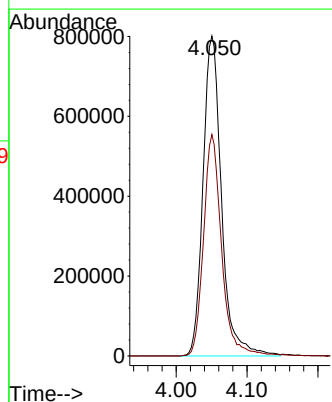
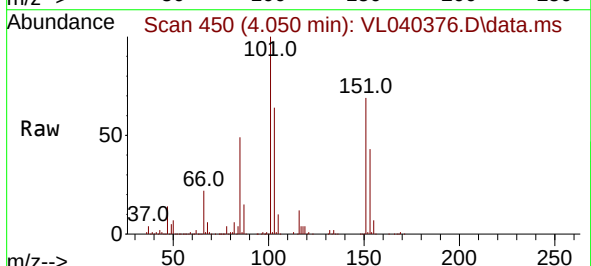
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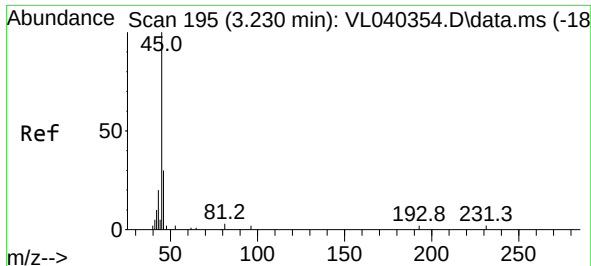
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.046 ppbv
RT: 4.050 min Scan# 450
Delta R.T. -0.010 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

Tgt Ion:101 Resp: 1453771
Ion Ratio Lower Upper
101 100
151 67.8 54.7 82.1





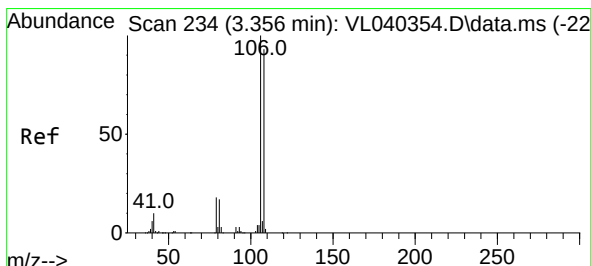
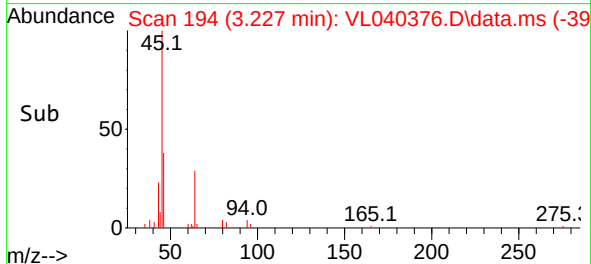
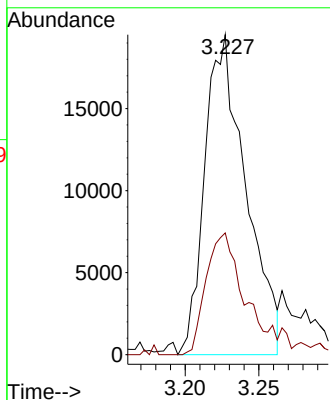
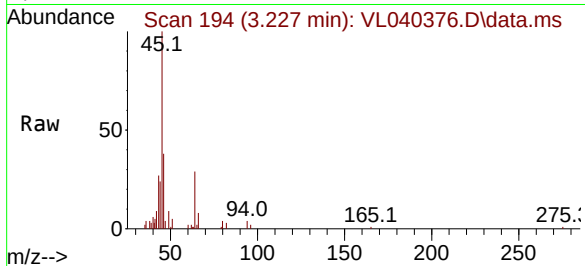
#13
Ethanol
Concen: 7.727 ppbv m
RT: 3.227 min Scan# 195
Delta R.T. -0.003 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01

Tgt Ion: 45 Resp: 3774
Ion Ratio Lower Upper
45 100
46 39.9 15.3 61.3

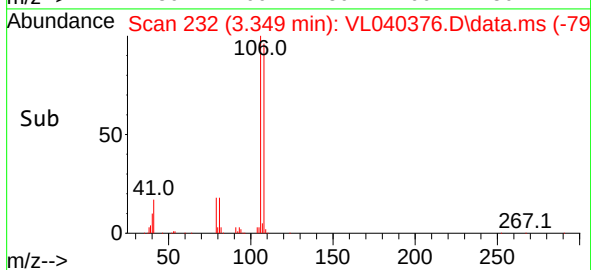
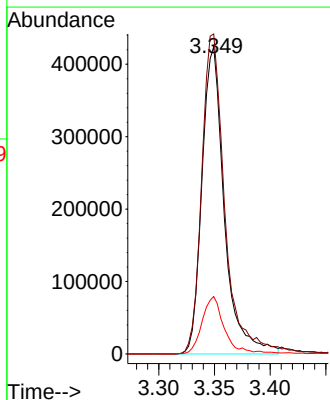
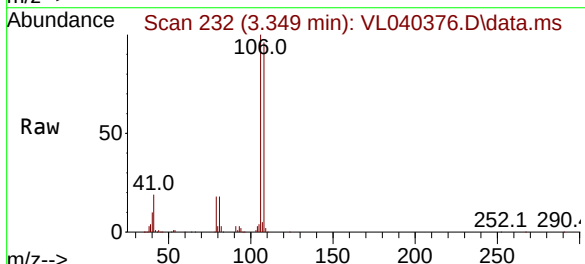
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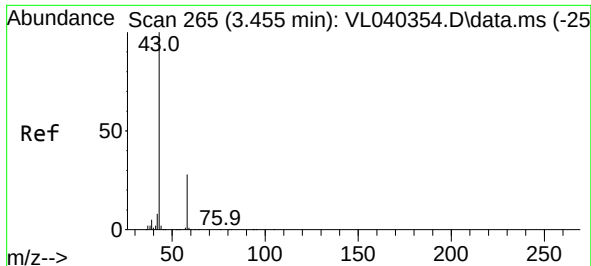
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#14
Bromoethene
Concen: 9.992 ppbv
RT: 3.349 min Scan# 232
Delta R.T. -0.007 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

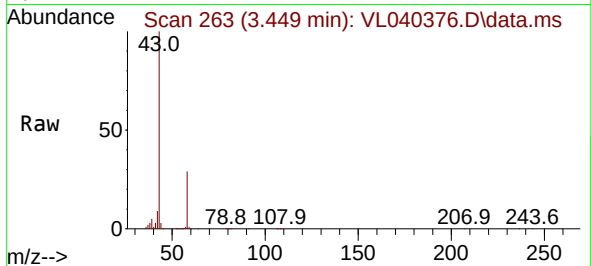
Tgt Ion:108 Resp: 591243
Ion Ratio Lower Upper
108 100
106 109.3 88.3 132.5
79 19.4 16.1 24.1





#15
Acetone
Concen: 8.528 ppbv
RT: 3.449 min Scan# 20
Delta R.T. -0.006 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

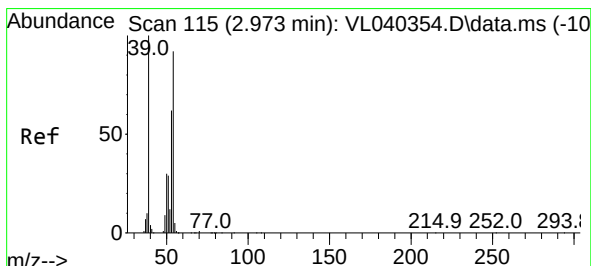
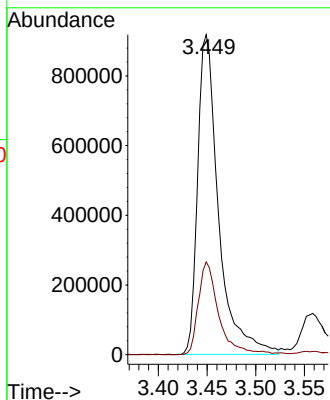
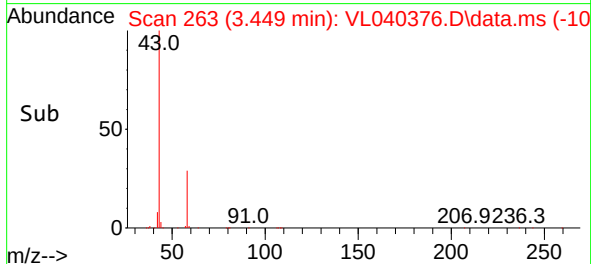
Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01



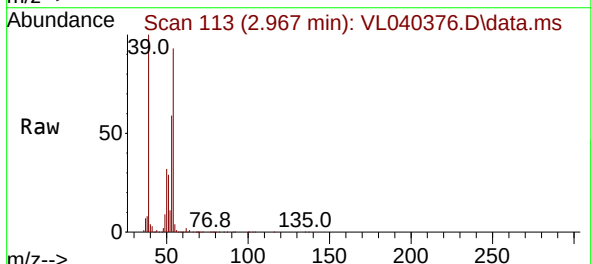
Tgt Ion: 43 Resp: 136921
Ion Ratio Lower Upper
43 100
58 28.6 22.2 33.2

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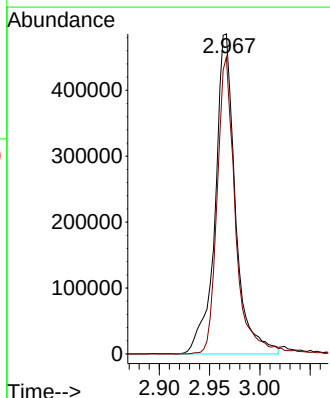
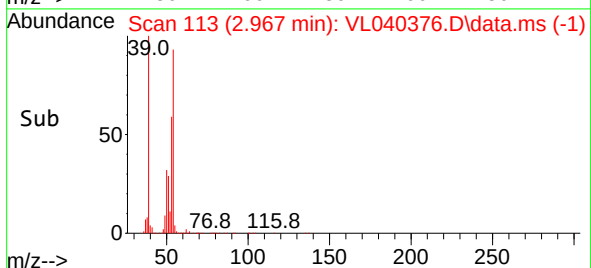
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

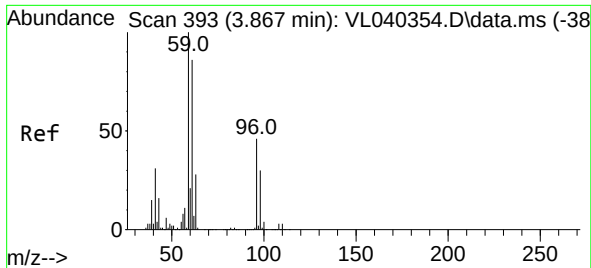


#16
1,3-Butadiene
Concen: 10.284 ppbv
RT: 2.967 min Scan# 113
Delta R.T. -0.006 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20



Tgt Ion: 39 Resp: 683304
Ion Ratio Lower Upper
39 100
54 84.3 68.8 103.2





#17

tert-Butyl alcohol

Concen: 10.157 ppbv

RT: 3.861 min Scan# 391

Delta R.T. -0.006 min

Lab File: VL040376.D

Acq: 19 Apr 2023 12:20

Instrument :

MSVOA_L

ClientSampleId :

VL0419ABS01

Tgt Ion: 59 Resp: 149756

Ion Ratio Lower Upper

59 100

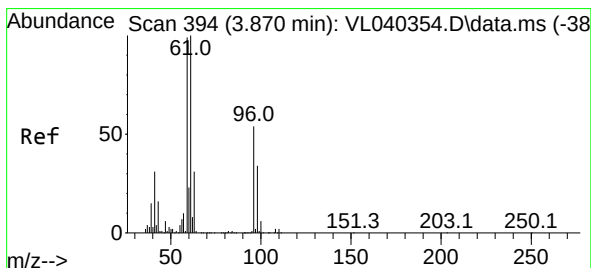
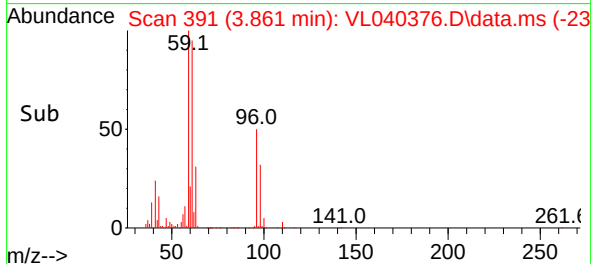
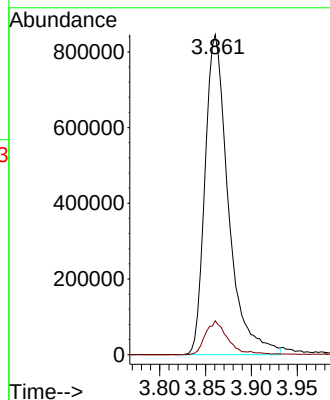
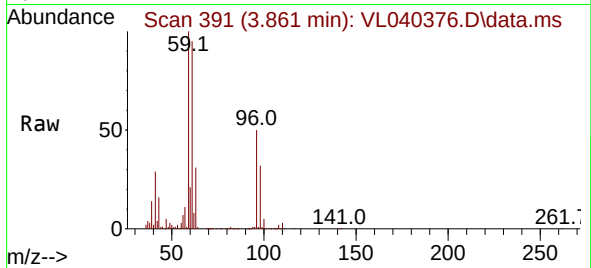
57 10.4 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#18

1,1-Dichloroethene

Concen: 9.905 ppbv

RT: 3.864 min Scan# 392

Delta R.T. -0.006 min

Lab File: VL040376.D

Acq: 19 Apr 2023 12:20

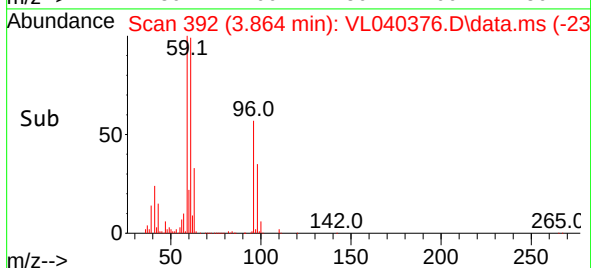
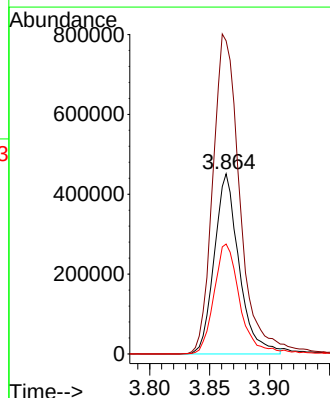
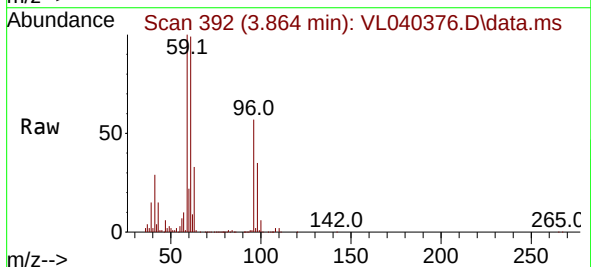
Tgt Ion: 96 Resp: 646422

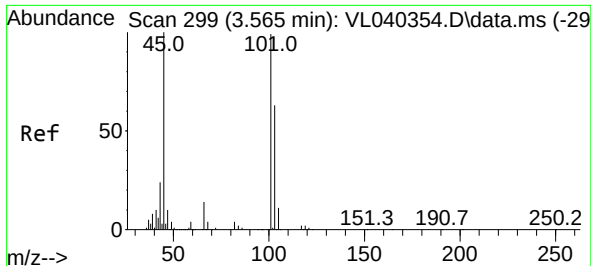
Ion Ratio Lower Upper

96 100

61 173.7 148.3 222.5

98 61.0 49.8 74.8





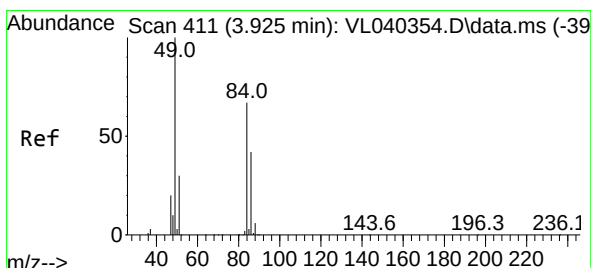
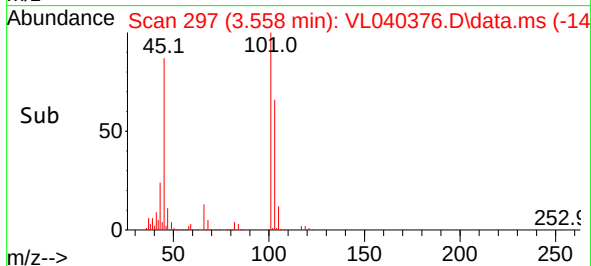
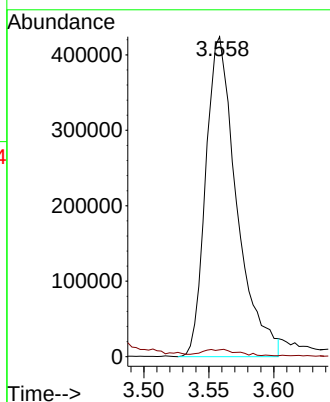
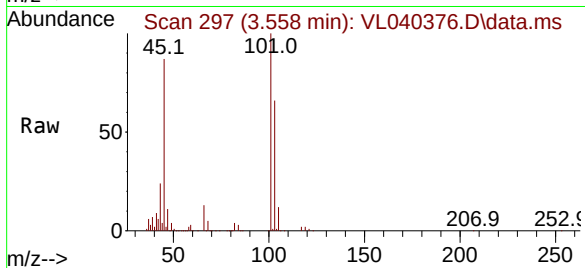
#19
Isopropyl Alcohol
Concen: 9.583 ppbv
RT: 3.558 min Scan# 299
Delta R.T. -0.007 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

Instrument : MSVOA_L
ClientSampleId : VL0419ABS01

Tgt Ion: 45 Resp: 70201
Ion Ratio Lower Upper
45 100
58 2.4 2.6 4.0

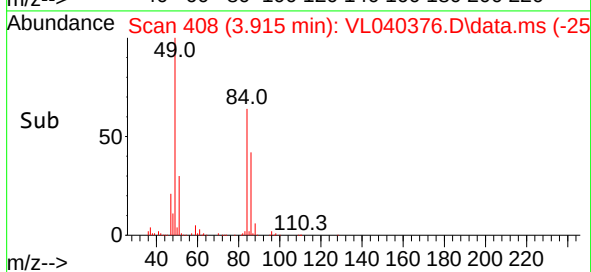
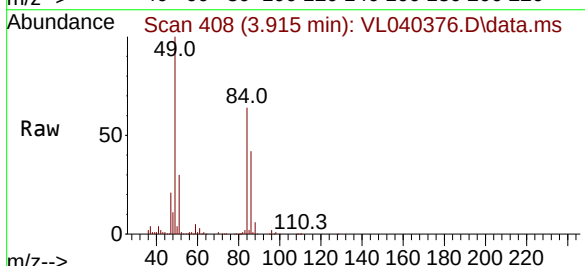
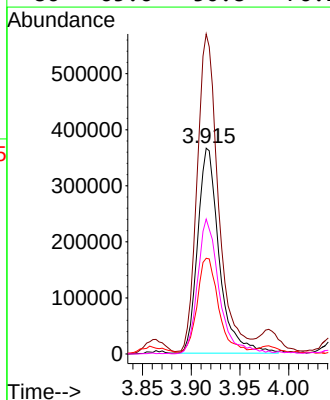
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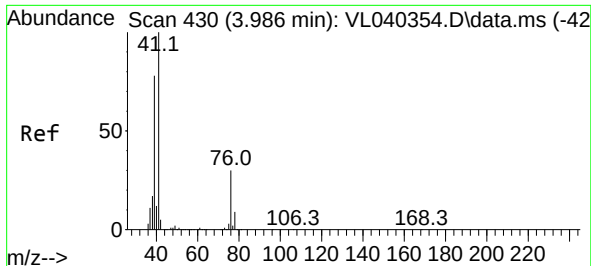
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#20
Methylene Chloride
Concen: 8.795 ppbv
RT: 3.915 min Scan# 408
Delta R.T. -0.010 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

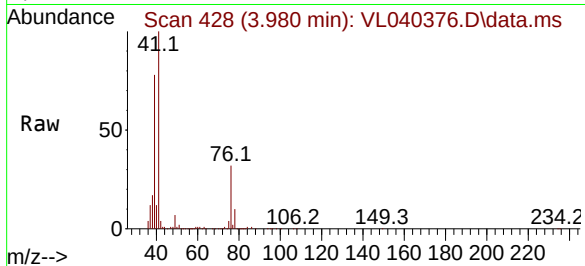
Tgt Ion: 84 Resp: 563746
Ion Ratio Lower Upper
84 100
49 154.8 120.1 180.1
51 45.8 36.3 54.5
86 65.6 50.8 76.2





#21
 Allyl Chloride
 Concen: 10.448 ppbv
 RT: 3.980 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL040376.D
 Acq: 19 Apr 2023 12:20

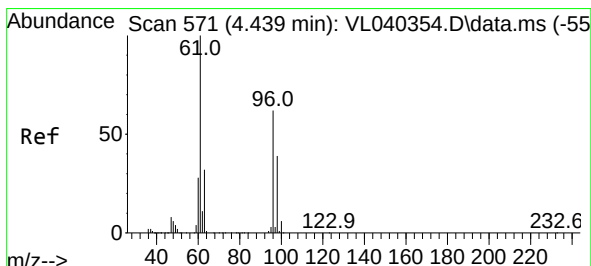
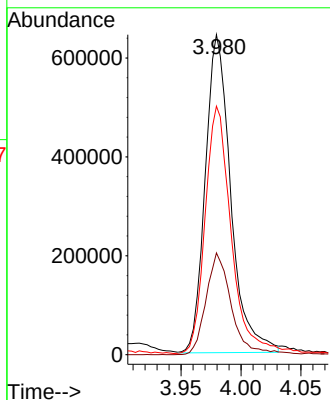
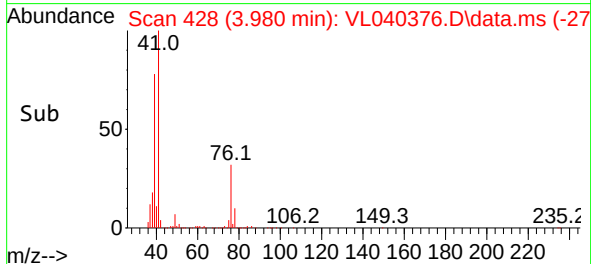
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0419ABS01



Tgt Ion: 41 Resp: 95314
 Ion Ratio Lower Upper
 41 100
 76 32.1 25.5 38.3
 39 80.5 64.0 96.0

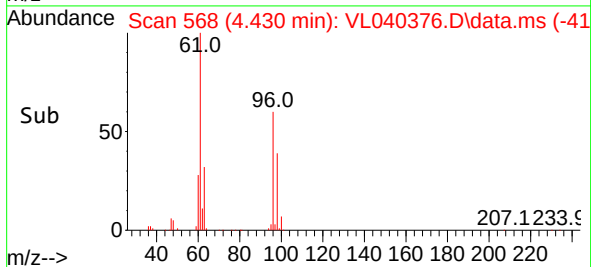
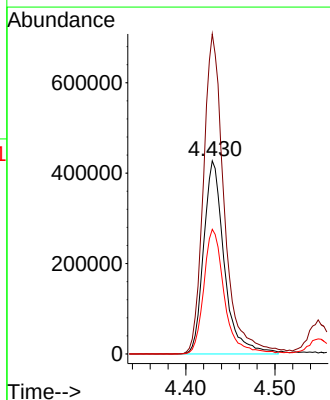
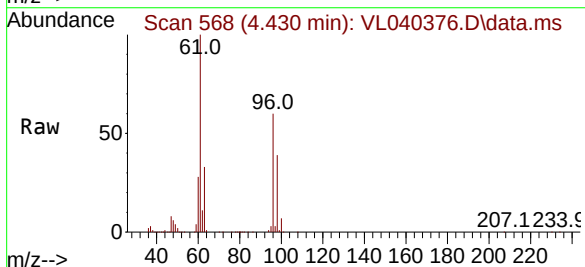
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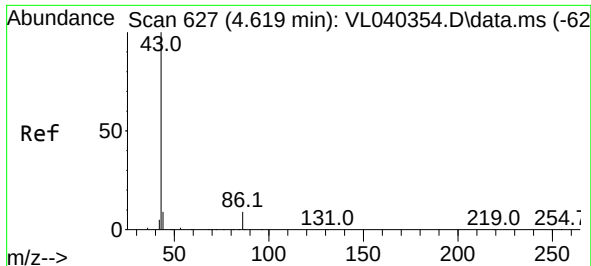
Reviewed By :Semsettin Yesilyurt 04/20/2023
 Supervised By :Mahesh Dadoda 04/22/2023



#22
 trans-1,2-Dichloroethene
 Concen: 10.532 ppbv
 RT: 4.430 min Scan# 568
 Delta R.T. -0.009 min
 Lab File: VL040376.D
 Acq: 19 Apr 2023 12:20

Tgt Ion: 96 Resp: 687180
 Ion Ratio Lower Upper
 96 100
 61 165.7 129.4 194.2
 98 64.5 51.0 76.4





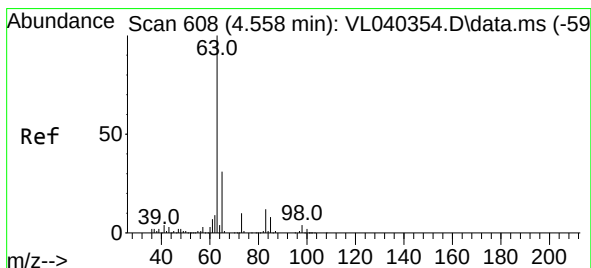
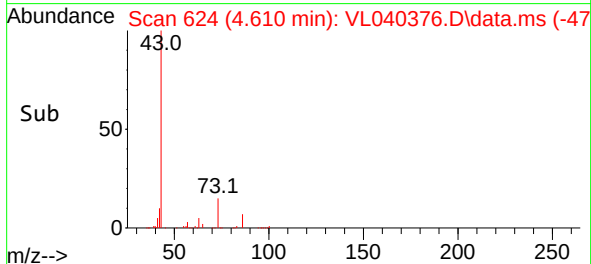
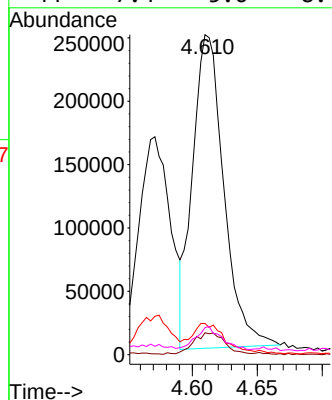
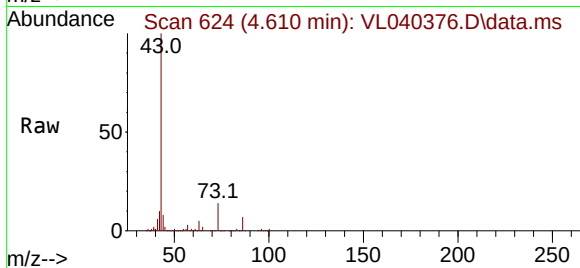
#23
 Vinyl Acetate
 Concen: 10.123 ppbv
 RT: 4.610 min Scan# 610
 Delta R.T. -0.009 min
 Lab File: VL040376.D
 Acq: 19 Apr 2023 12:20

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0419ABS01

Tgt Ion: 43	Resp: 41381
Ion Ratio	Lower Upper
43 100	
86 6.8	6.0 9.0
42 9.5	6.4 9.6
44 7.4	5.6 8.4

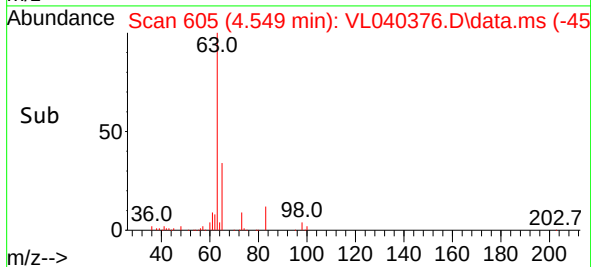
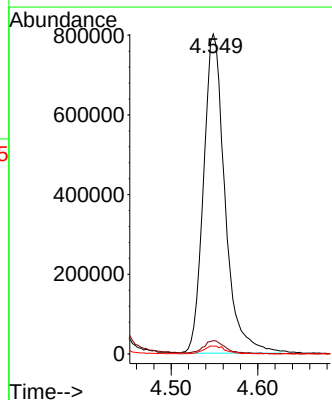
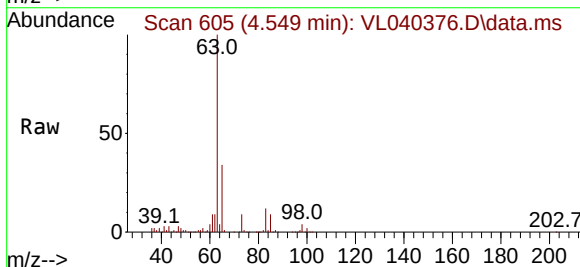
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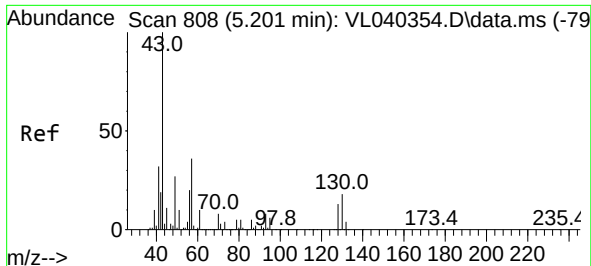
Reviewed By :Semsettin Yesilyurt 04/20/2023
 Supervised By :Mahesh Dadoda 04/22/2023



#24
 1,1-Dichloroethane
 Concen: 10.104 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. -0.009 min
 Lab File: VL040376.D
 Acq: 19 Apr 2023 12:20

Tgt Ion: 63		Resp: 1374623	
Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.1	6.2
100	2.4	1.2	3.6





#25

Ethyl Acetate

Concen: 10.017 ppbv

RT: 5.192 min Scan# 80

Delta R.T. -0.009 min

Lab File: VL040376.D

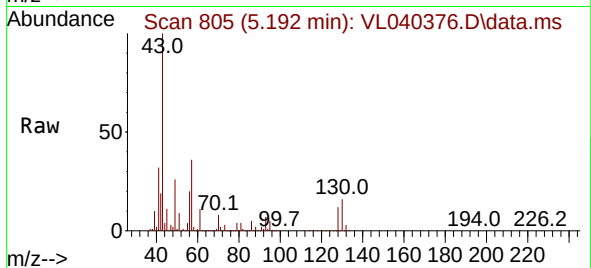
Acq: 19 Apr 2023 12:20

Instrument :

MSVOA_L

ClientSampleId :

VL0419ABS01



Tgt Ion: 43 Resp: 270606

Ion Ratio Lower Upper

43 100

45 10.6 8.5 12.7

61 10.6 8.5 12.7

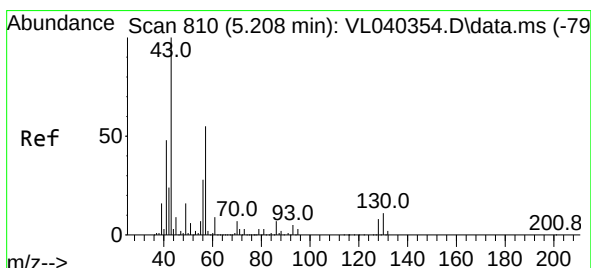
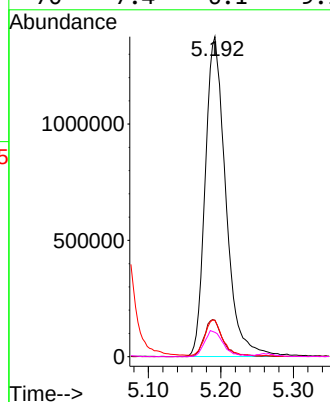
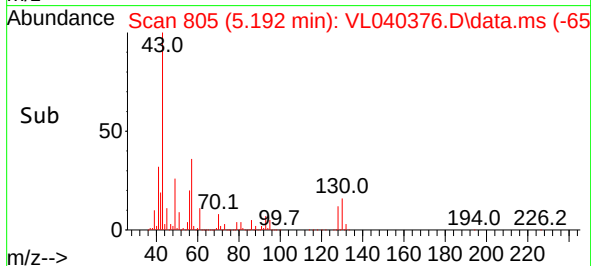
70 7.4 6.1 9.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#26

Hexane

Concen: 9.965 ppbv

RT: 5.198 min Scan# 807

Delta R.T. -0.010 min

Lab File: VL040376.D

Acq: 19 Apr 2023 12:20

Tgt Ion: 57 Resp: 1134926

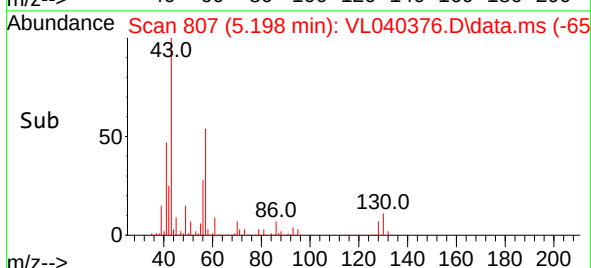
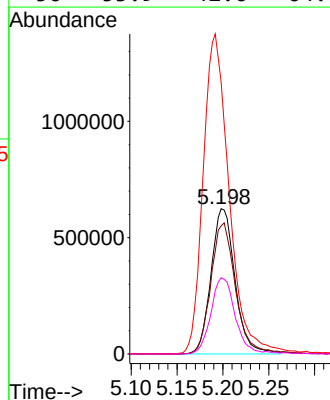
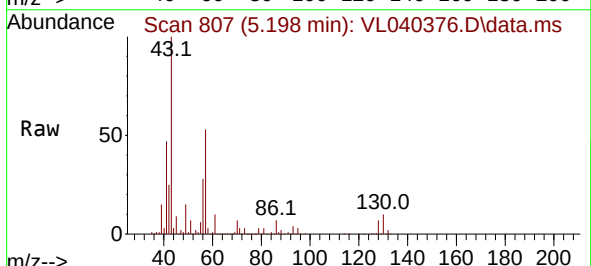
Ion Ratio Lower Upper

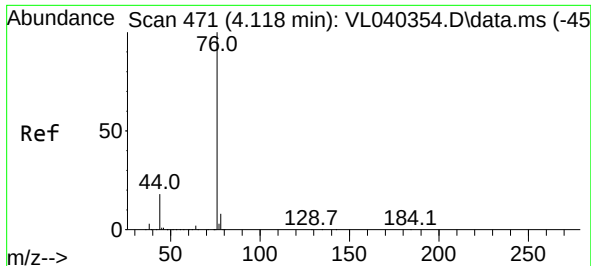
57 100

41 93.8 74.8 112.2

43 240.3 192.7 289.1

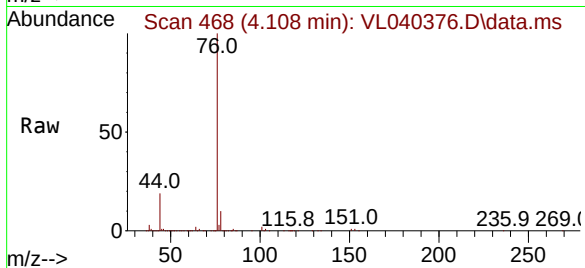
56 53.9 42.6 64.0





#27
Carbon Disulfide
Concen: 10.772 ppbv
RT: 4.108 min Scan# 407
Delta R.T. -0.010 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

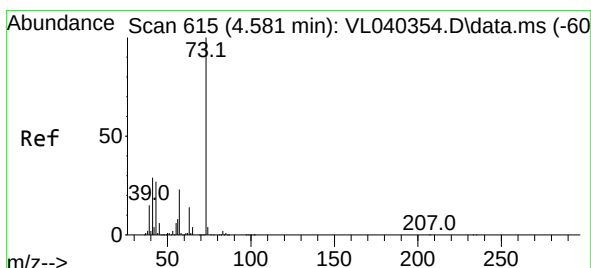
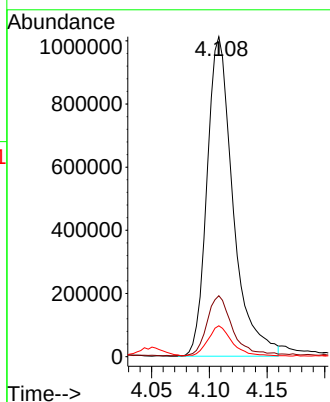
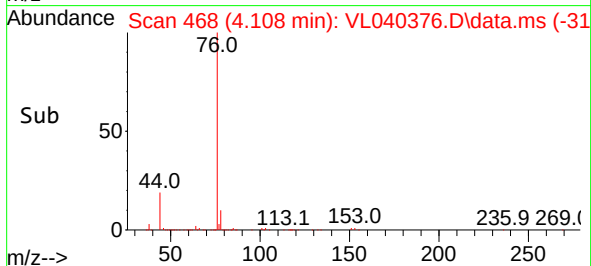
Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01



Tgt Ion: 76 Resp: 158769
Ion Ratio Lower Upper
76 100
44 19.1 14.7 22.1
78 9.5 7.7 11.5

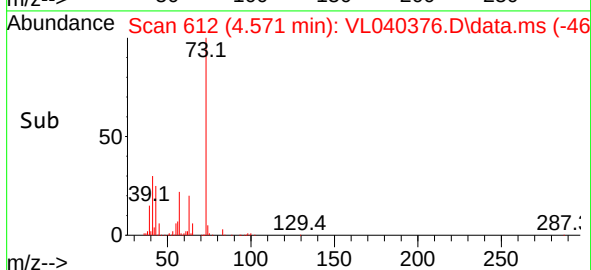
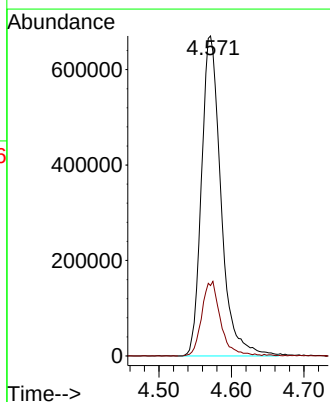
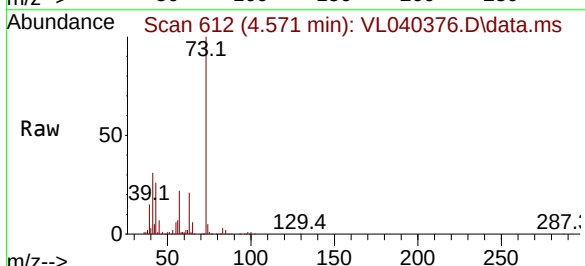
Manual Integrations
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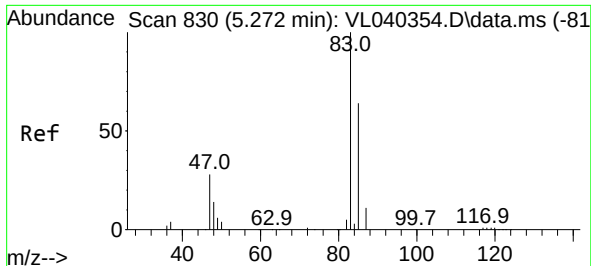
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#28
Methyl tert-Butyl Ether
Concen: 10.661 ppbv
RT: 4.571 min Scan# 612
Delta R.T. -0.010 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

Tgt Ion: 73 Resp: 1253394
Ion Ratio Lower Upper
73 100
57 22.7 18.6 27.8





#29

Chloroform

Concen: 9.736 ppbv

RT: 5.262 min Scan# 81

Delta R.T. -0.010 min

Lab File: VL040376.D

Acq: 19 Apr 2023 12:20

Instrument :

MSVOA_L

ClientSampleId :

VL0419ABS01

Tgt Ion: 83 Resp: 197529

Ion Ratio Lower Upper

83 100

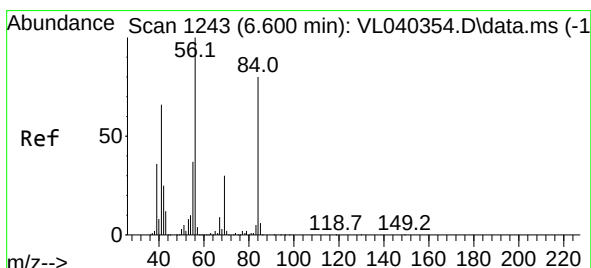
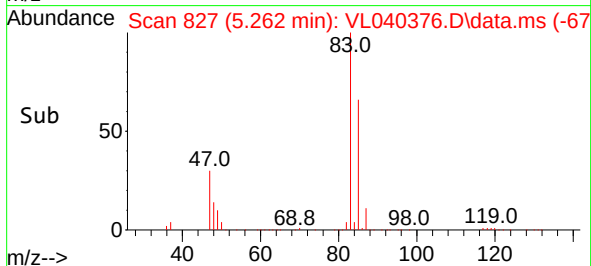
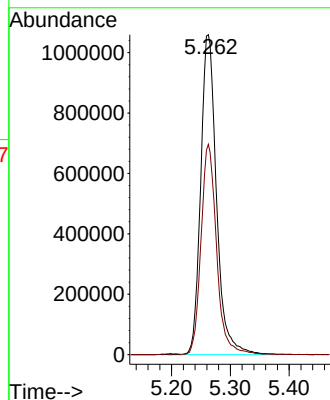
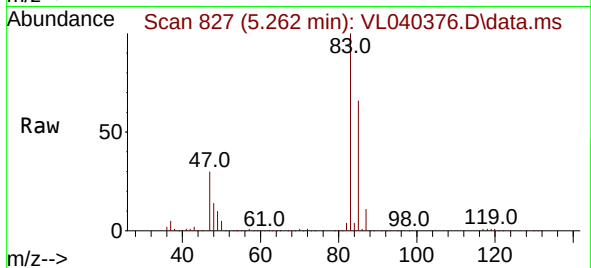
85 65.7 51.0 76.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#30

Cyclohexane

Concen: 11.043 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. -0.006 min

Lab File: VL040376.D

Acq: 19 Apr 2023 12:20

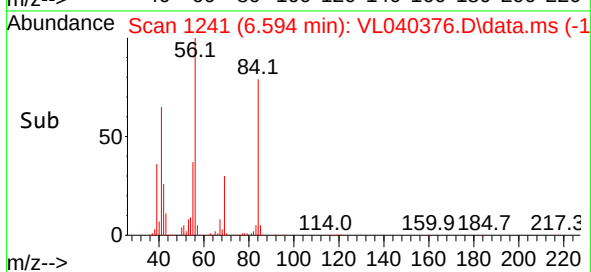
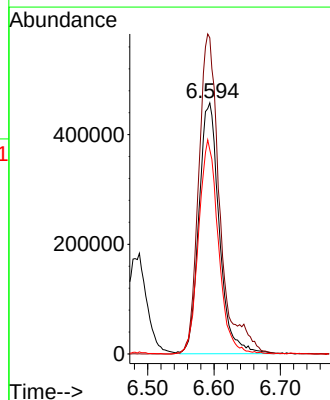
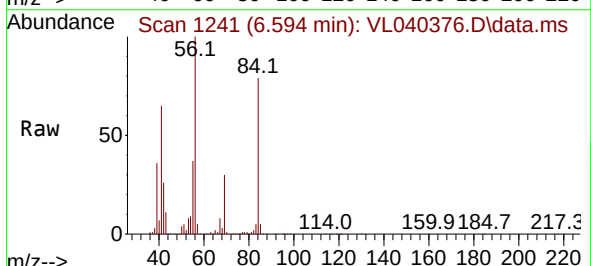
Tgt Ion: 84 Resp: 974084

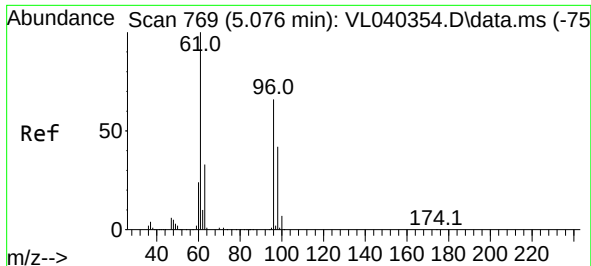
Ion Ratio Lower Upper

84 100

56 132.8 107.0 160.6

41 83.3 66.7 100.1





#31
 cis-1,2-Dichloroethene
 Concen: 9.370 ppbv
 RT: 5.066 min Scan# 70
 Delta R.T. -0.010 min
 Lab File: VL040376.D
 Acq: 19 Apr 2023 12:20

Instrument :

MSVOA_L

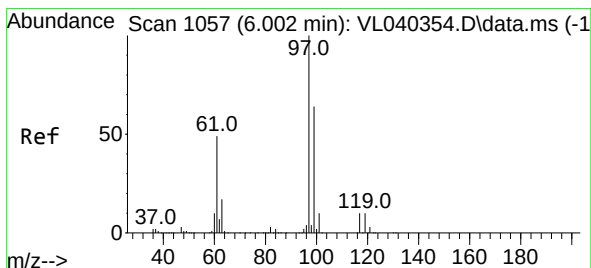
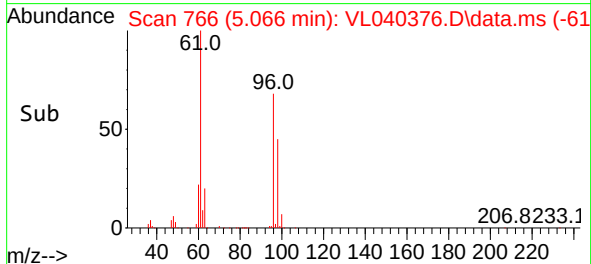
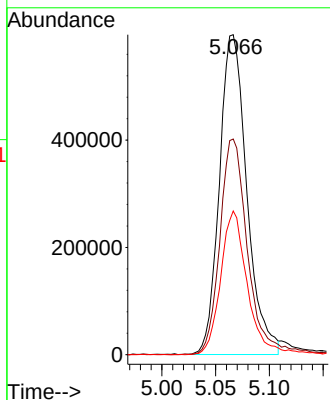
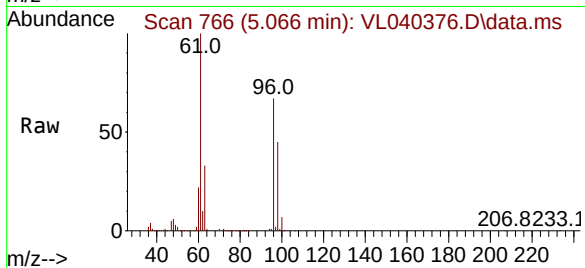
ClientSampleId :

VL0419ABS01

Tgt Ion: 61 Resp: 1057804
 Ion Ratio Lower Upper
 61 100
 96 67.5 53.0 79.4
 98 44.9 33.8 50.8

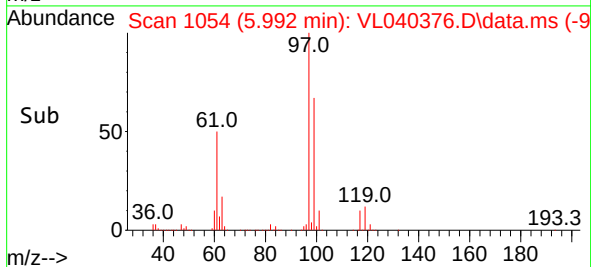
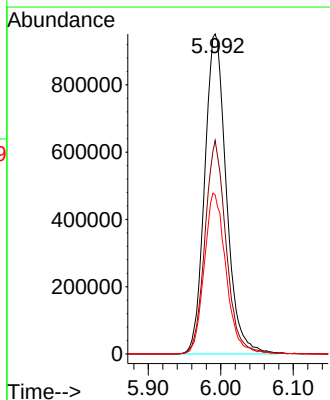
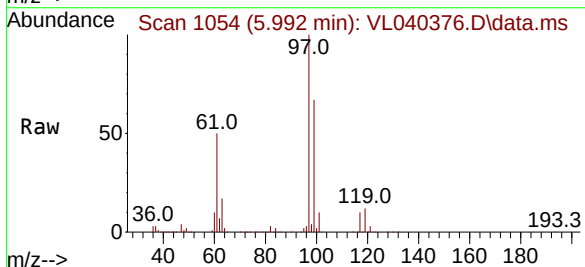
Manual Integrations
 APPROVED

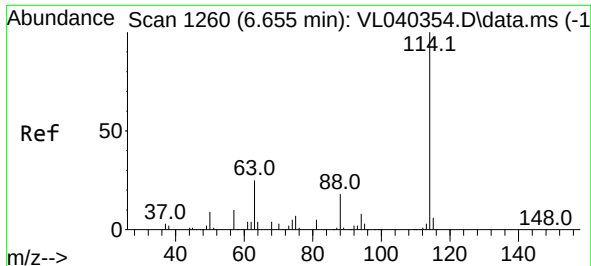
Reviewed By :Semsettin Yesilyurt 04/20/2023
 Supervised By :Mahesh Dadoda 04/22/2023



#32
 1,1,1-Trichloroethane
 Concen: 10.034 ppbv
 RT: 5.992 min Scan# 1054
 Delta R.T. -0.010 min
 Lab File: VL040376.D
 Acq: 19 Apr 2023 12:20

Tgt Ion: 97 Resp: 1977862
 Ion Ratio Lower Upper
 97 100
 99 64.9 51.8 77.8
 61 50.4 40.4 60.6





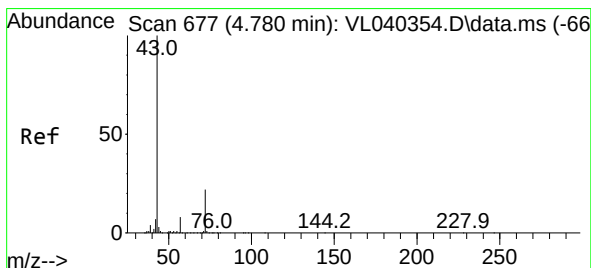
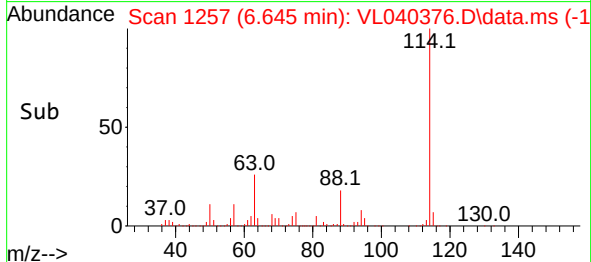
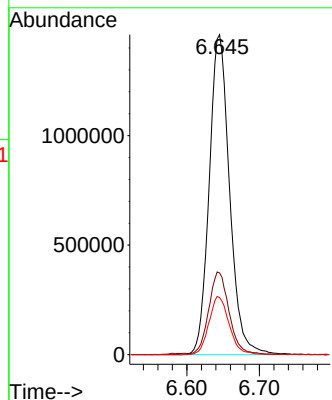
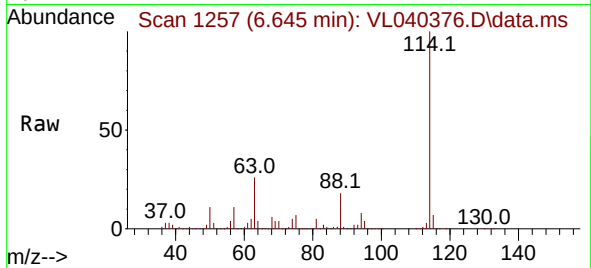
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 114
Delta R.T. -0.010 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01

Tgt Ion:114 Resp: 2848098
Ion Ratio Lower Upper
114 100
63 26.4 21.4 32.0
88 18.1 14.6 22.0

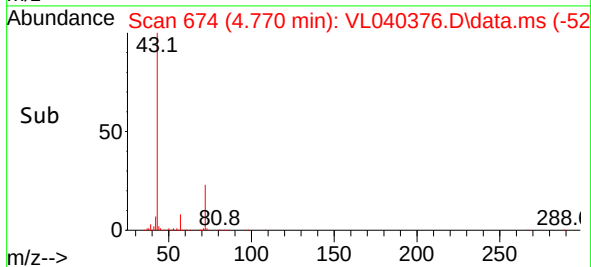
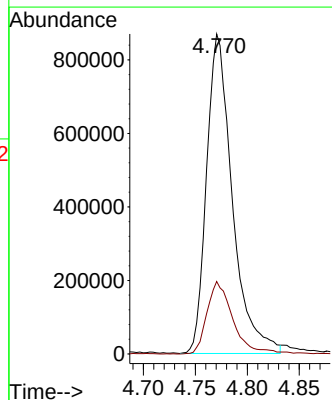
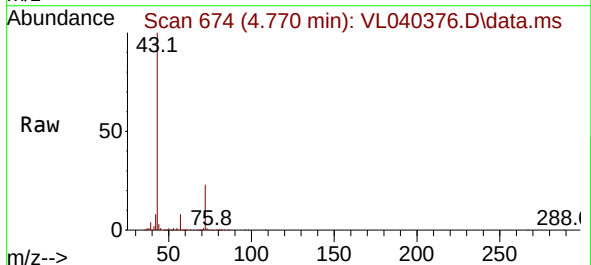
Manual Integrations
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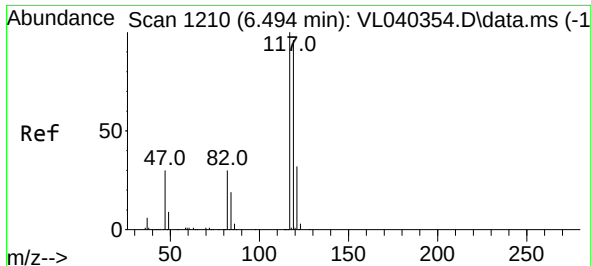
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#34
2-Butanone
Concen: 9.755 ppbv
RT: 4.770 min Scan# 674
Delta R.T. -0.010 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

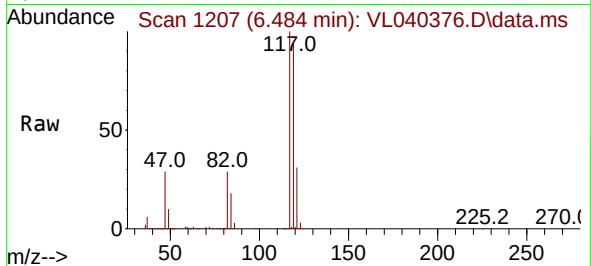
Tgt Ion: 43 Resp: 1498177
Ion Ratio Lower Upper
43 100
72 23.4 18.4 27.6





#35
Carbon Tetrachloride
Concen: 10.143 ppbv
RT: 6.484 min Scan# 1167
Delta R.T. -0.010 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

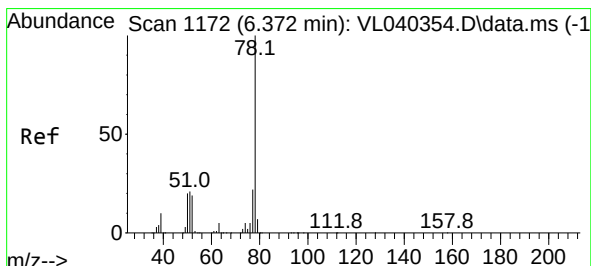
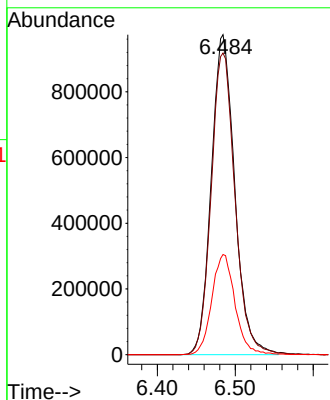
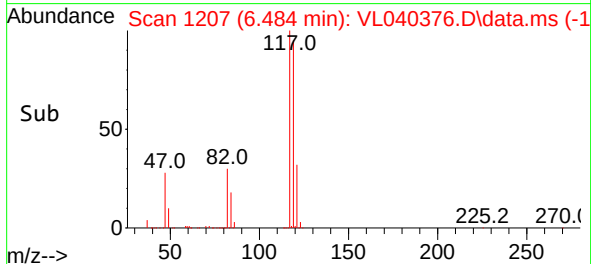
Instrument : MSVOA_L
ClientSampleId : VL0419ABS01



Tgt Ion: 117 Resp: 203352
Ion Ratio Lower Upper
117 100
119 94.3 76.6 114.8
121 31.3 25.3 37.9

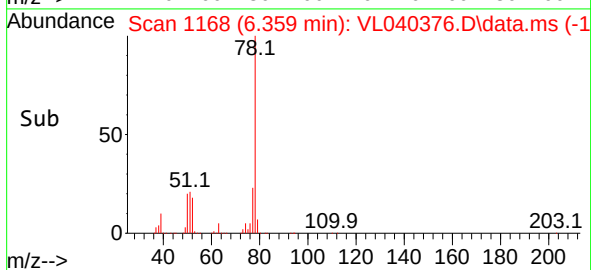
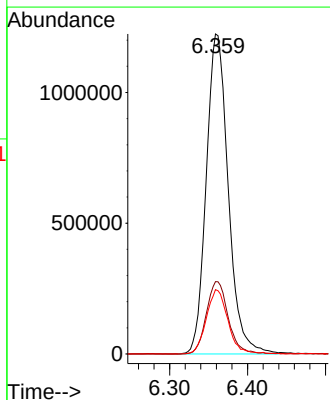
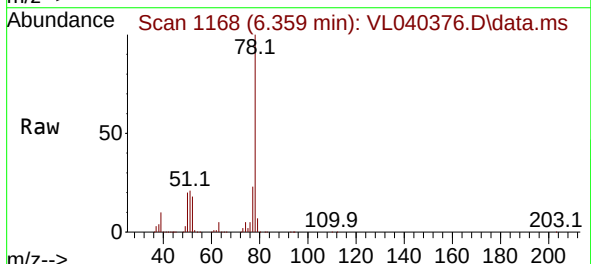
Manual Integrations
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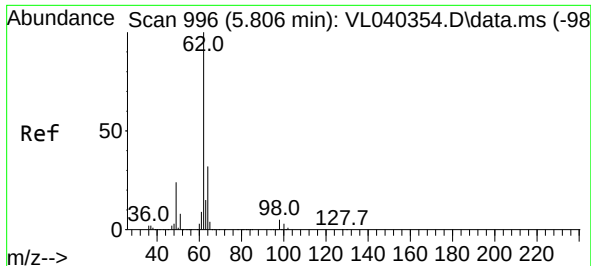
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#36
Benzene
Concen: 10.350 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. -0.013 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

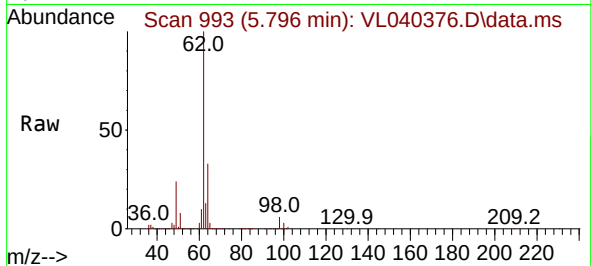
Tgt Ion: 78 Resp: 2405013
Ion Ratio Lower Upper
78 100
77 22.6 17.8 26.8
50 20.1 15.6 23.4





#37
1,2-Dichloroethane
Concen: 10.019 ppbv
RT: 5.796 min Scan# 996
Delta R.T. -0.010 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

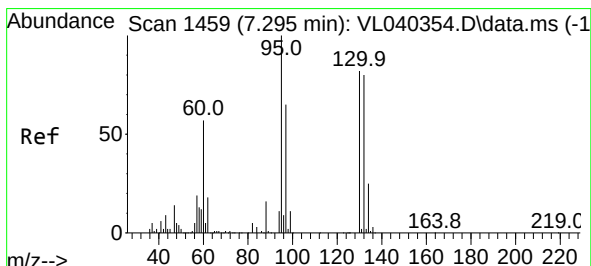
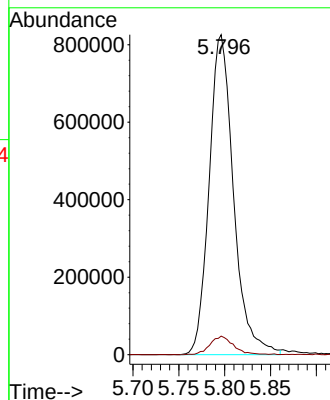
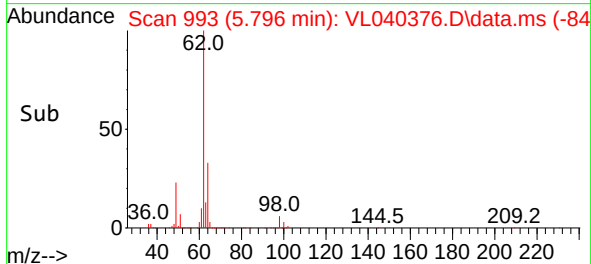
Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01



Tgt Ion: 62 Resp: 1529278
Ion Ratio Lower Upper
62 100
98 5.7 4.4 6.6

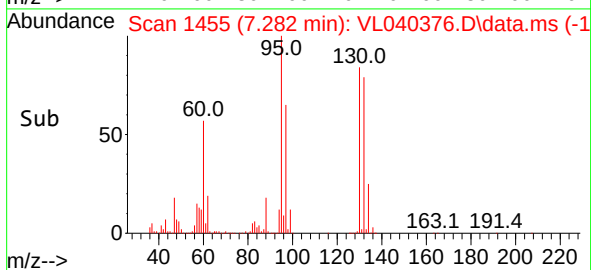
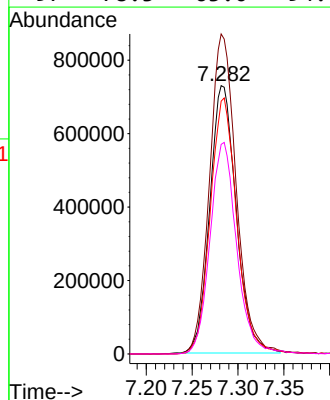
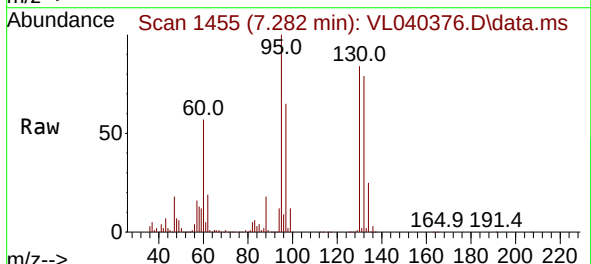
Manual Integrations
APPROVED

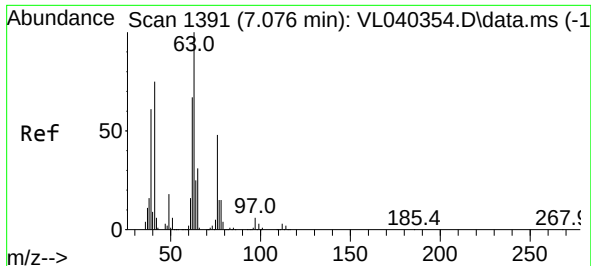
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#38
Trichloroethene
Concen: 11.055 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. -0.013 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

Tgt Ion:130 Resp: 1461997
Ion Ratio Lower Upper
130 100
95 119.5 97.4 146.0
132 94.5 77.5 116.3
97 78.3 63.0 94.4





#39

1,2-Dichloropropane

Concen: 10.261 ppbv

RT: 7.066 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL040376.D

Acq: 19 Apr 2023 12:20

Instrument :

MSVOA_L

ClientSampleId :

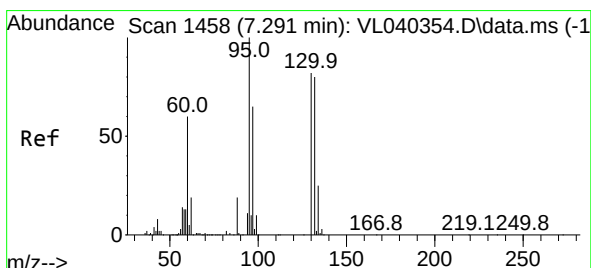
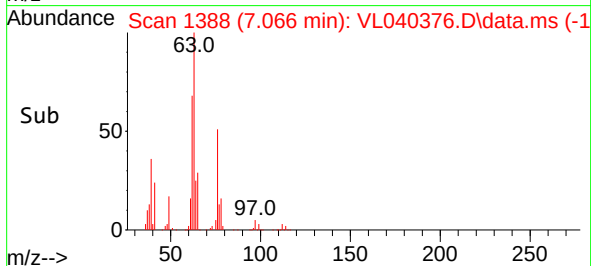
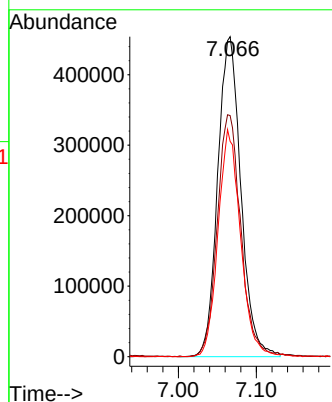
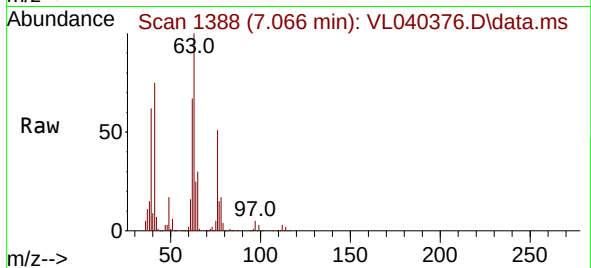
VL0419ABS01

Tgt Ion: 63	Resp: 93815
Ion Ratio	Lower Upper
63	100
41	75.1 59.6 89.4
62	67.3 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#40

1,4-Dioxane

Concen: 10.034 ppbv

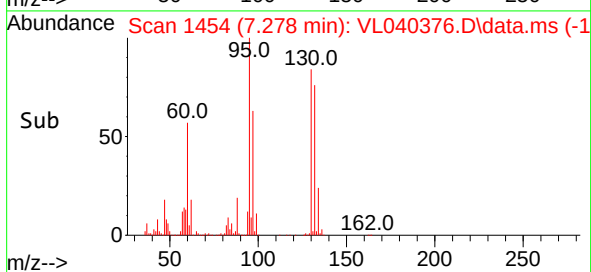
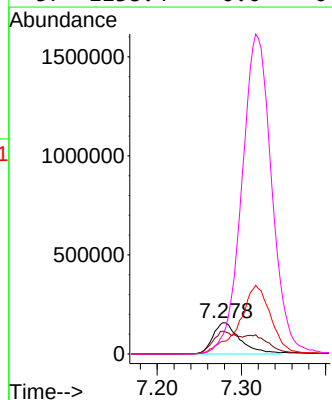
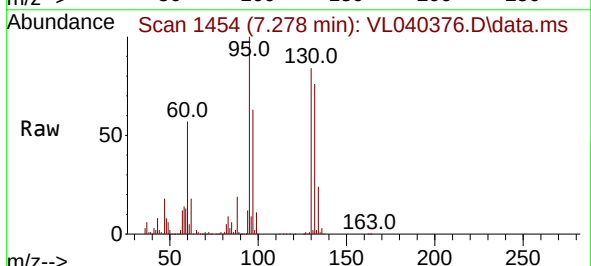
RT: 7.278 min Scan# 1454

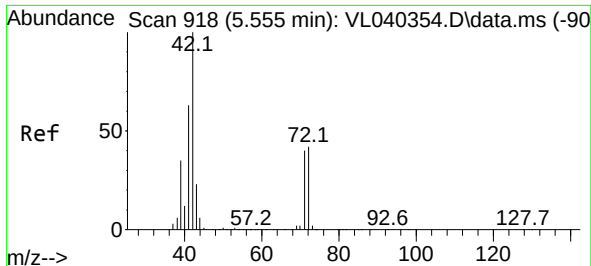
Delta R.T. -0.013 min

Lab File: VL040376.D

Acq: 19 Apr 2023 12:20

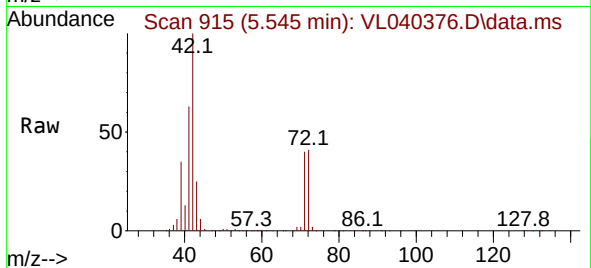
Tgt Ion: 88	Resp: 351349
Ion Ratio	Lower Upper
88	100
58	125.9 100.8 151.2
43	257.2 0.0 0.0#
57	1138.4 0.0 0.0#





#41
Tetrahydrofuran
Concen: 10.726 ppbv
RT: 5.545 min Scan# 915
Delta R.T. -0.010 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

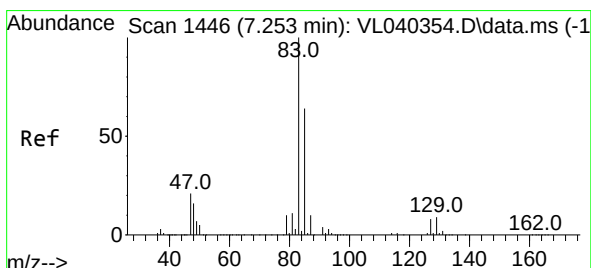
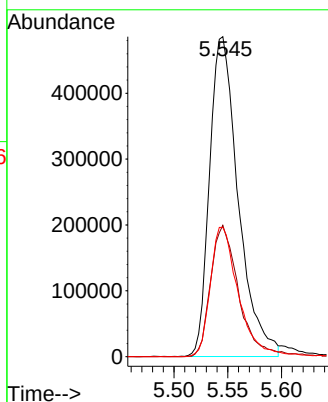
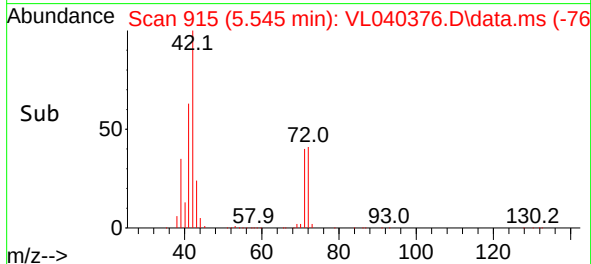
Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01



Tgt Ion: 42 Resp: 902132
Ion Ratio Lower Upper
42 100
72 40.8 33.7 50.5
71 40.1 32.2 48.2

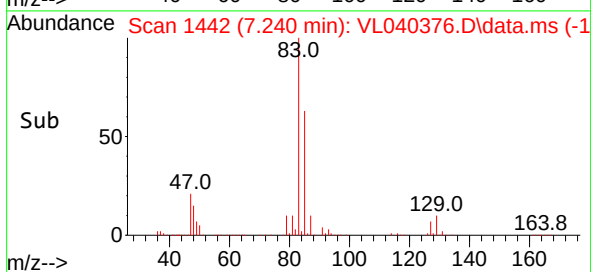
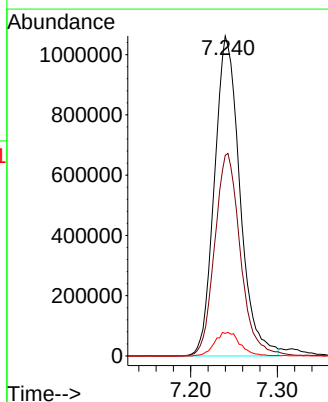
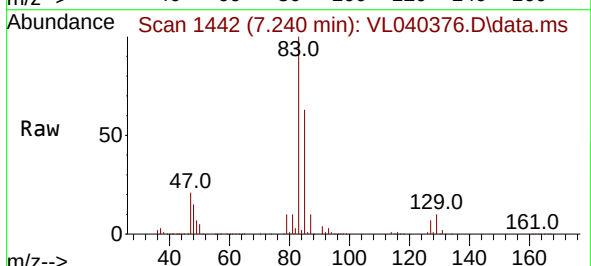
Manual Integrations
APPROVED

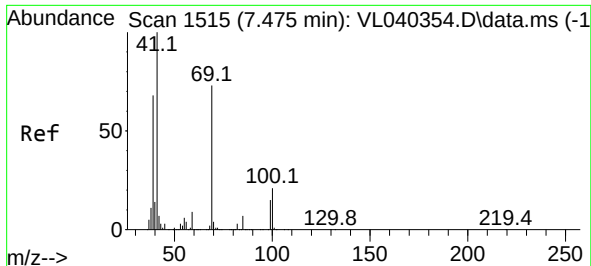
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#42
Bromodichloromethane
Concen: 10.388 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. -0.013 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

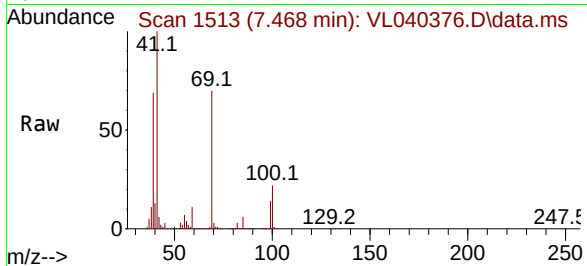
Tgt Ion: 83 Resp: 2165235
Ion Ratio Lower Upper
83 100
85 62.7 50.9 76.3
127 7.0 6.4 9.6





#43
Methyl Methacrylate
Concen: 11.217 ppbv
RT: 7.468 min Scan# 11
Delta R.T. -0.007 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

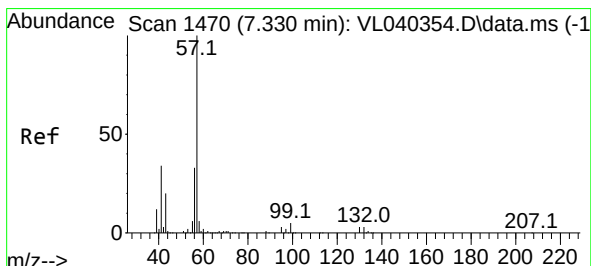
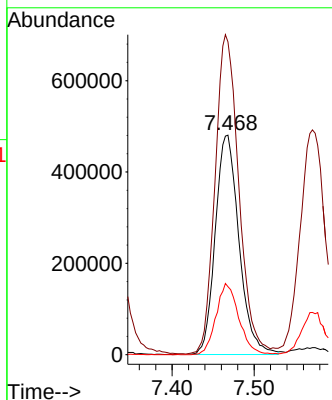
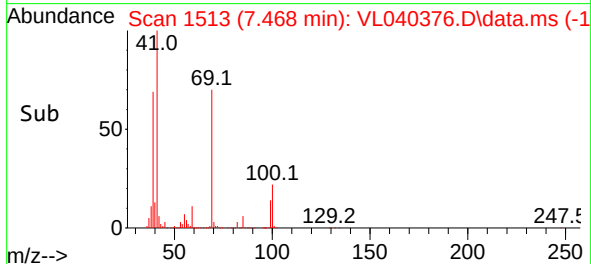
Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01



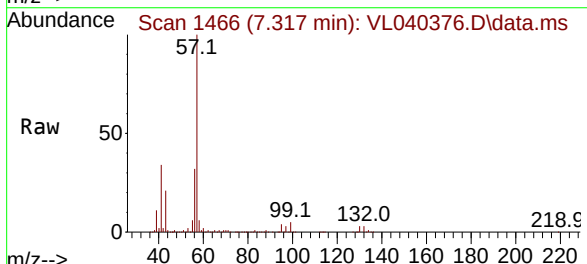
Tgt Ion: 69 Resp: 968100
Ion Ratio Lower Upper
69 100
41 145.8 114.3 171.5
100 31.1 24.5 36.7

Manual Integrations
APPROVED

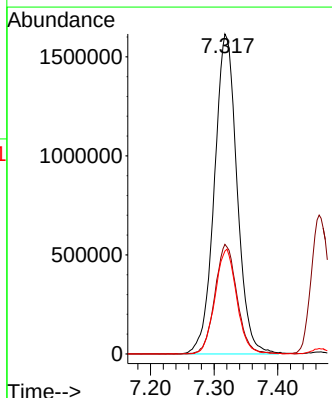
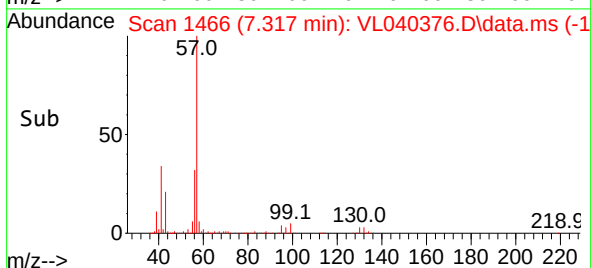
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

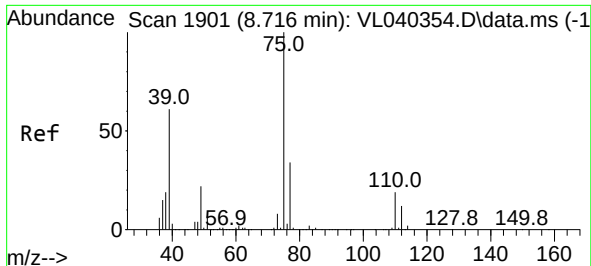


#44
2,2,4-Trimethylpentane
Concen: 10.289 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. -0.013 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20



Tgt Ion: 57 Resp: 3993603
Ion Ratio Lower Upper
57 100
41 33.5 26.9 40.3
56 31.5 25.1 37.7





#45

t-1,3-Dichloropropene

Concen: 12.456 ppbv

RT: 8.703 min Scan# 11

Delta R.T. -0.013 min

Lab File: VL040376.D

Acq: 19 Apr 2023 12:20

Instrument :

MSVOA_L

ClientSampleId :

VL0419ABS01

Tgt Ion: 75 Resp: 96027

Ion Ratio Lower Upper

75 100

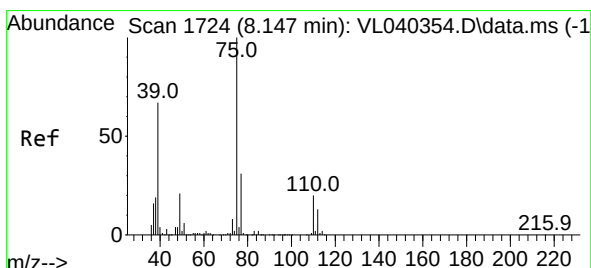
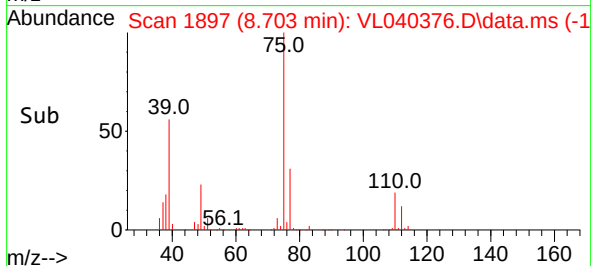
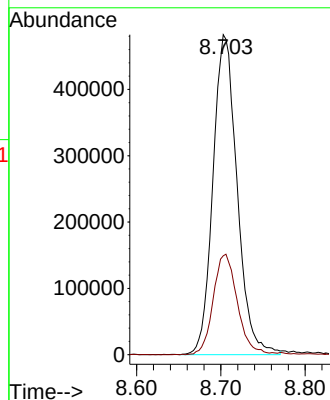
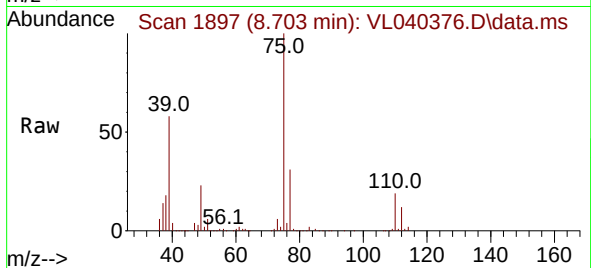
77 30.9 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#46

cis-1,3-Dichloropropene

Concen: 11.842 ppbv

RT: 8.137 min Scan# 1721

Delta R.T. -0.010 min

Lab File: VL040376.D

Acq: 19 Apr 2023 12:20

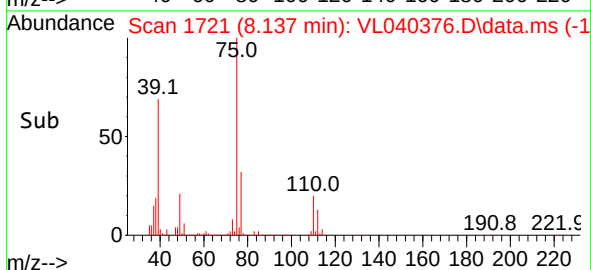
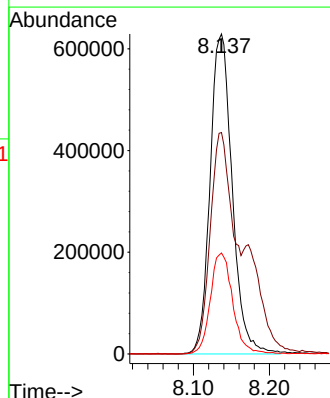
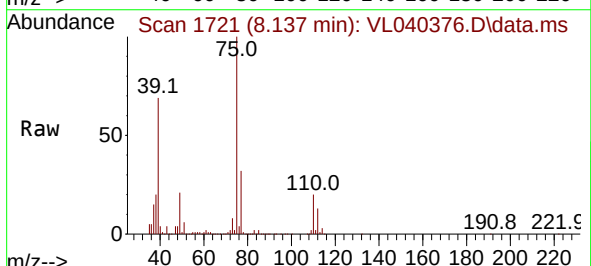
Tgt Ion: 75 Resp: 1270738

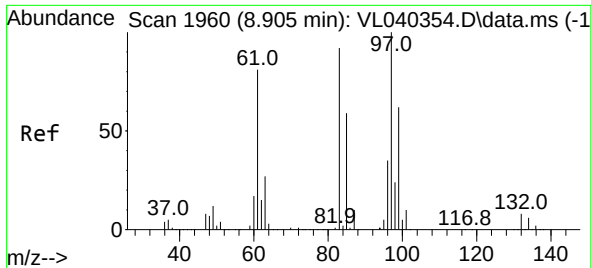
Ion Ratio Lower Upper

75 100

39 69.1 53.4 80.2

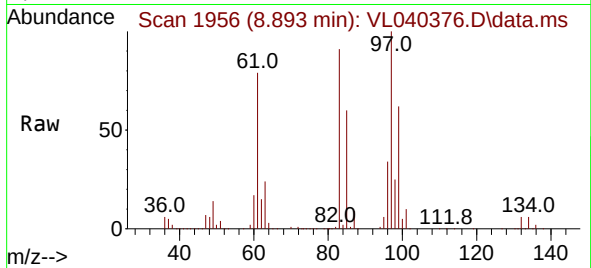
77 31.6 24.7 37.1





#47
1,1,2-Trichloroethane
Concen: 10.153 ppbv
RT: 8.893 min Scan# 1960
Delta R.T. -0.012 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

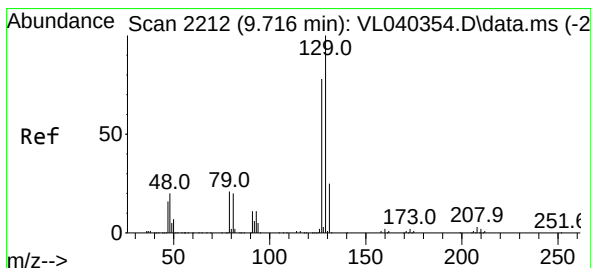
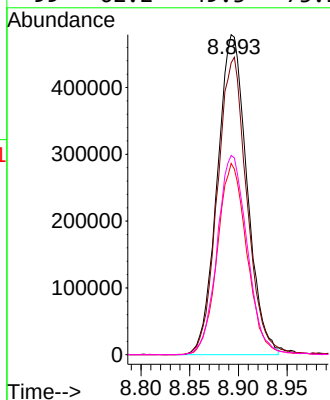
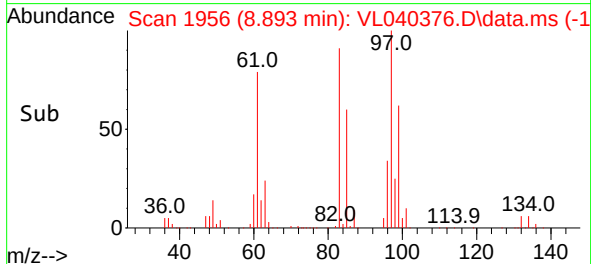
Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01



Tgt Ion: 97 Resp: 1017849
Ion Ratio Lower Upper
97 100
83 91.1 73.3 109.9
85 59.7 46.9 70.3
99 62.2 49.3 73.9

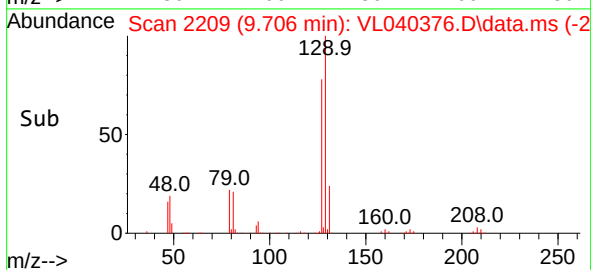
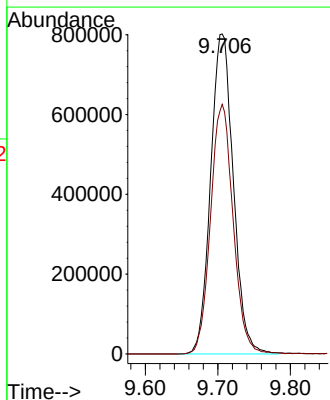
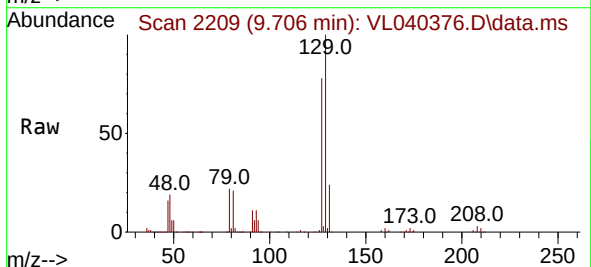
Manual Integrations
APPROVED

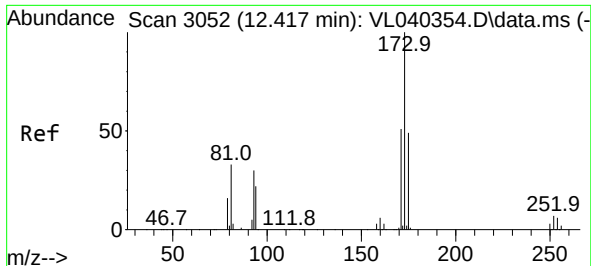
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#48
Dibromochloromethane
Concen: 10.811 ppbv
RT: 9.706 min Scan# 2209
Delta R.T. -0.010 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

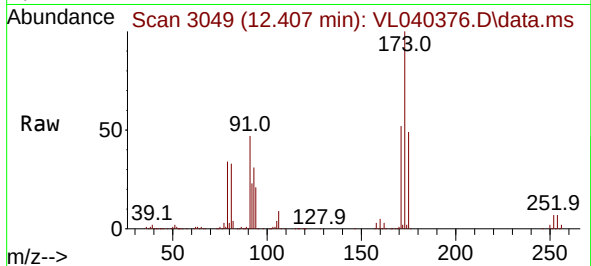
Tgt Ion:129 Resp: 1745384
Ion Ratio Lower Upper
129 100
127 77.7 39.2 117.6





#49
Bromoform
Concen: 11.183 ppbv
RT: 12.407 min Scan# 3052
Delta R.T. -0.010 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

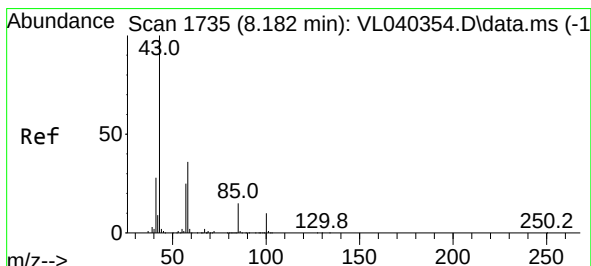
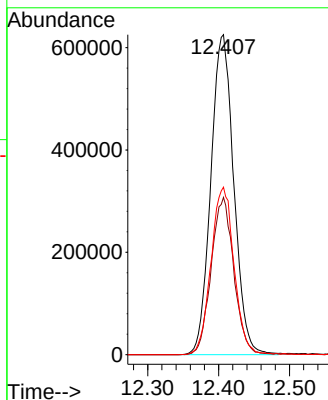
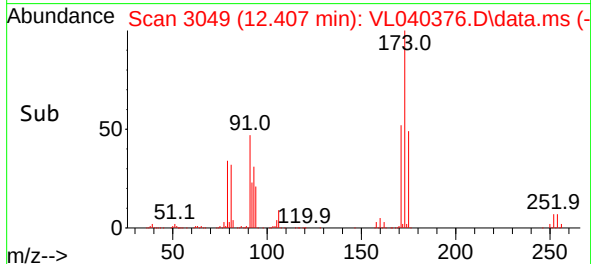
Instrument : MSVOA_L
ClientSampleId : VL0419ABS01



Tgt Ion:173 Resp: 140820
Ion Ratio Lower Upper
173 100
175 48.6 39.8 59.8
171 52.8 42.2 63.2

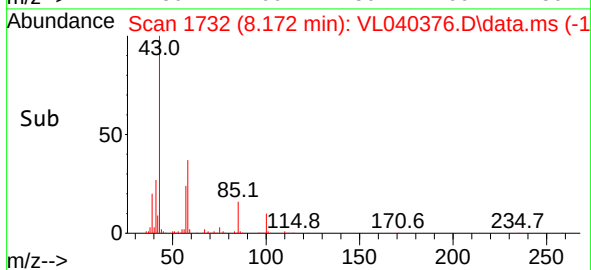
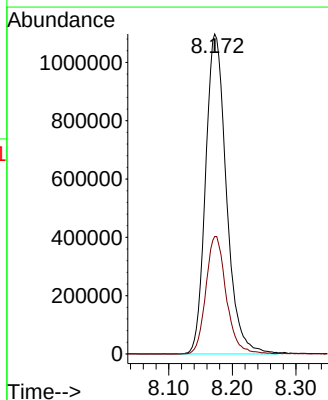
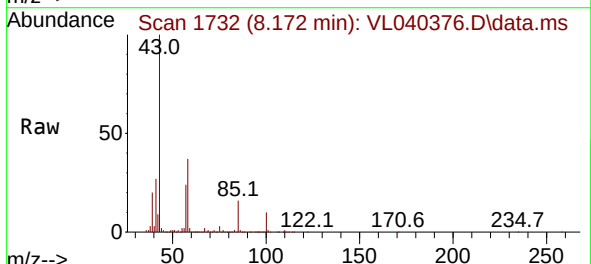
Manual Integrations
APPROVED

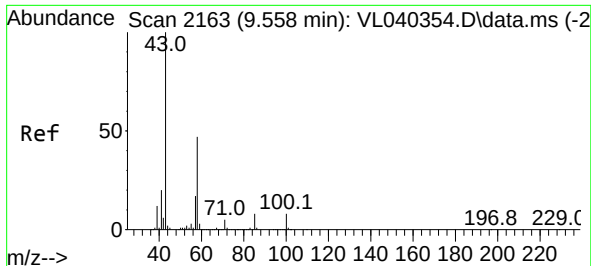
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#50
4-Methyl-2-Pentanone
Concen: 10.727 ppbv
RT: 8.172 min Scan# 1732
Delta R.T. -0.010 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

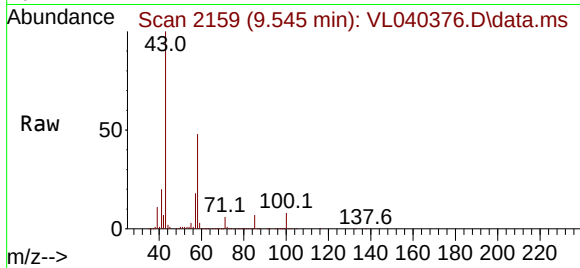
Tgt Ion: 43 Resp: 2497967
Ion Ratio Lower Upper
43 100
58 36.0 28.6 43.0





#51
2-Hexanone
Concen: 11.177 ppbv
RT: 9.545 min Scan# 2163
Delta R.T. -0.013 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

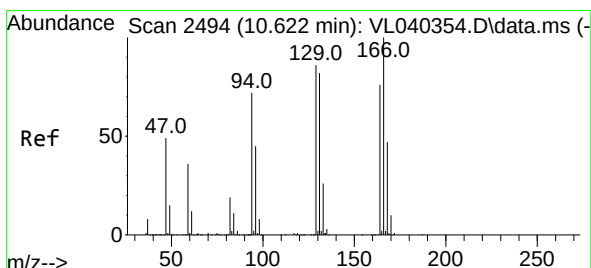
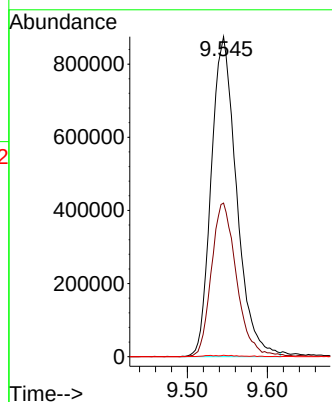
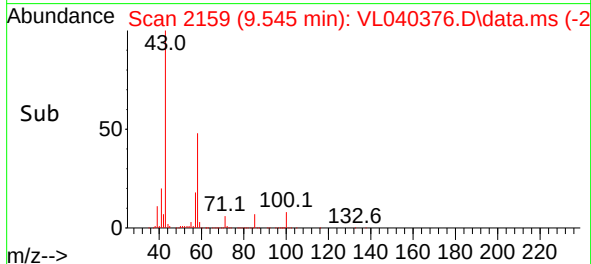
Instrument : MSVOA_L
ClientSampleId : VL0419ABS01



Tgt Ion: 43 Resp: 192316
Ion Ratio Lower Upper
43 100
58 48.1 38.3 57.5
98 0.5 0.4 0.6

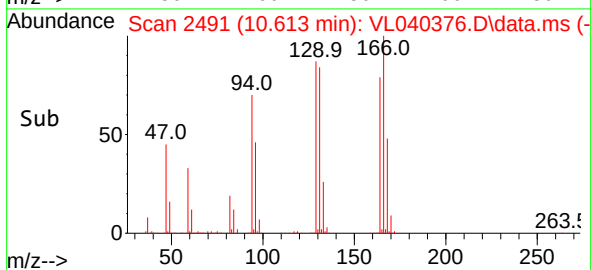
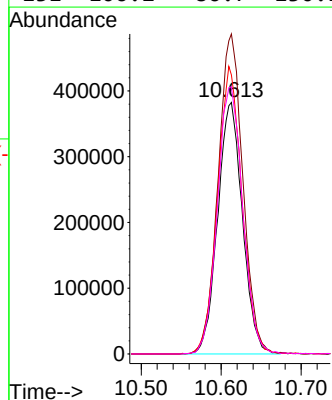
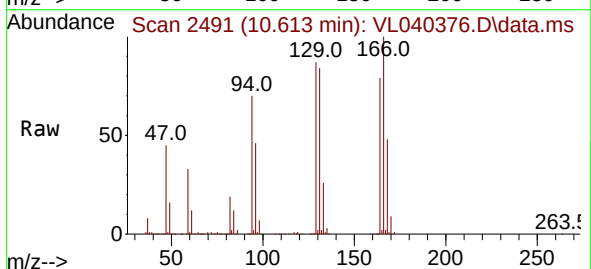
Manual Integrations
APPROVED

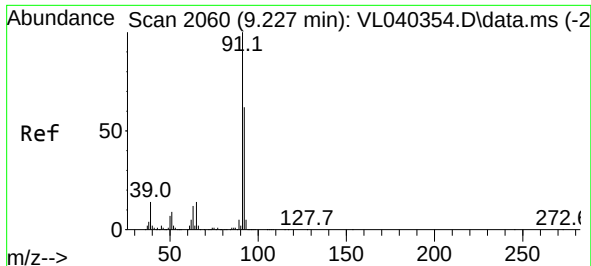
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#52
Tetrachloroethene
Concen: 11.307 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. -0.009 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

Tgt Ion:164 Resp: 821853
Ion Ratio Lower Upper
164 100
166 127.2 105.2 157.8
129 110.9 90.3 135.5
131 106.2 86.7 130.1





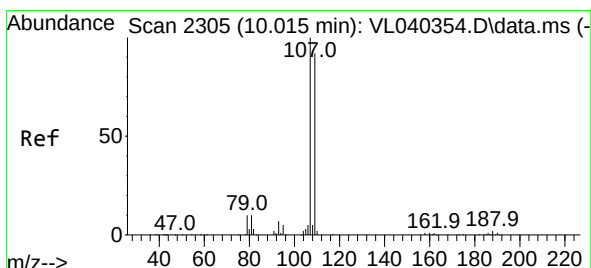
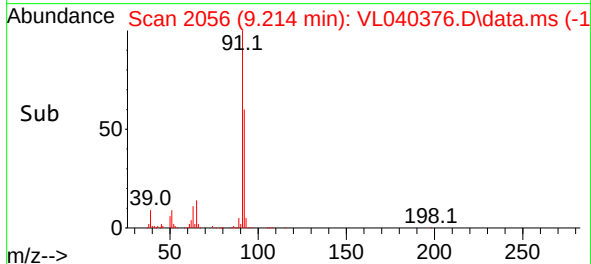
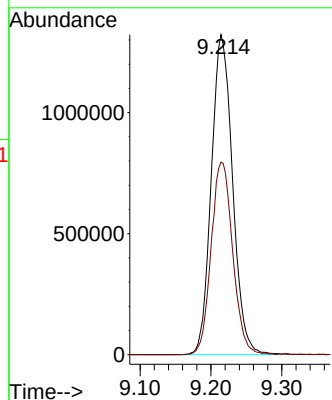
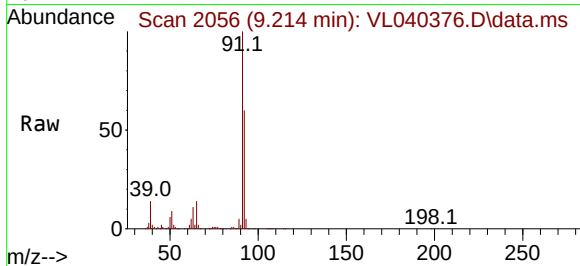
#53
Toluene
Concen: 11.174 ppbv
RT: 9.214 min Scan# 2060
Delta R.T. -0.013 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01

Tgt Ion: 91 Resp: 275284
Ion Ratio Lower Upper
91 100
92 61.1 48.9 73.3

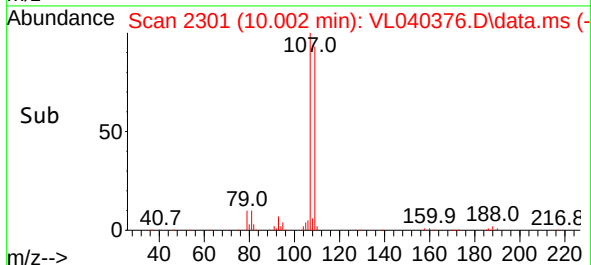
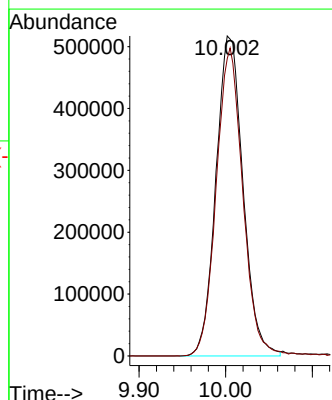
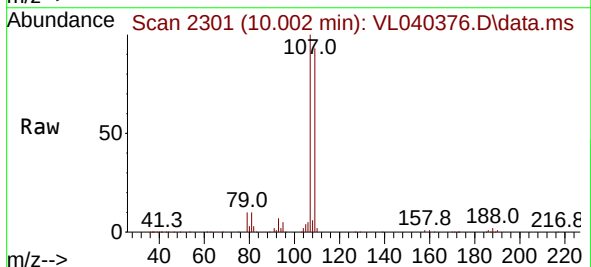
Manual Integrations
APPROVED

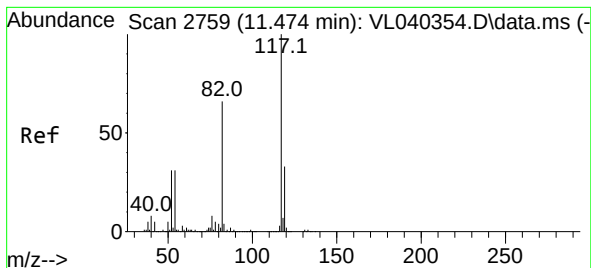
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#54
1,2-Dibromoethane
Concen: 11.045 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. -0.013 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

Tgt Ion:107 Resp: 1122518
Ion Ratio Lower Upper
107 100
109 92.9 73.6 110.4





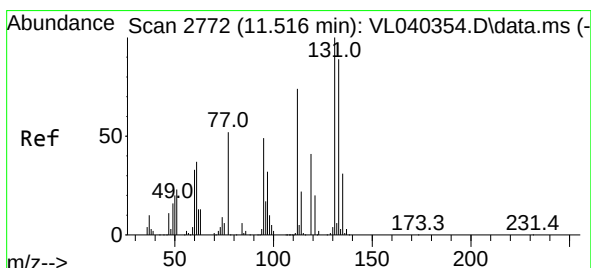
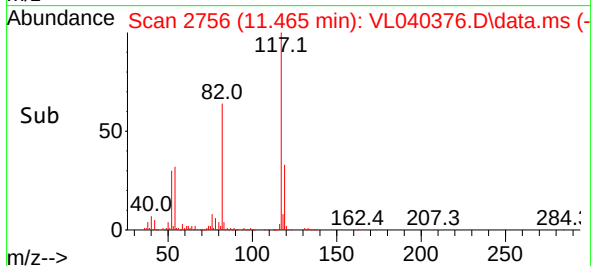
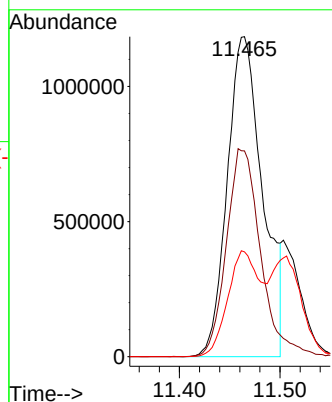
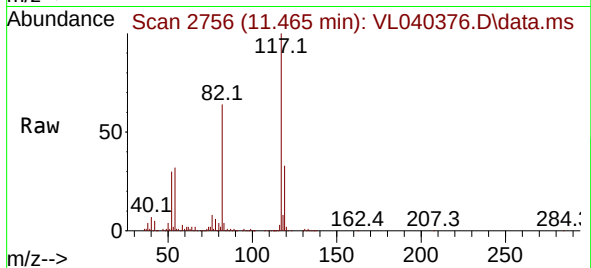
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. -0.009 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01

Tgt Ion:117 Resp: 290091
Ion Ratio Lower Upper
117 100
82 62.9 52.5 78.7
119 31.1 24.3 36.5

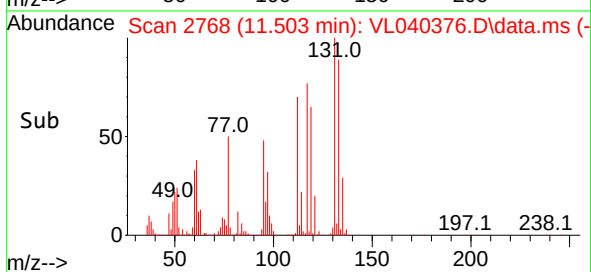
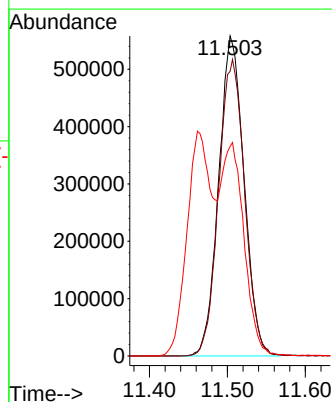
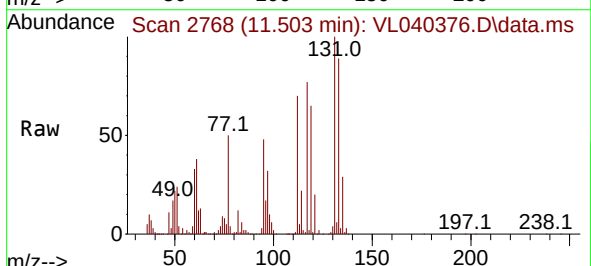
Manual Integrations
APPROVED

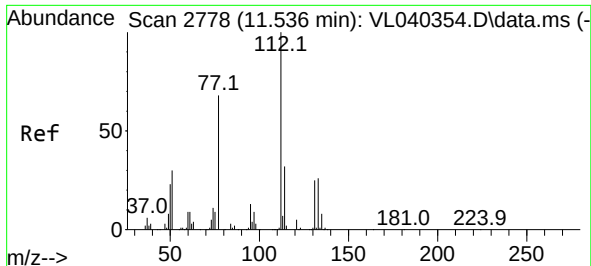
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 9.507 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. -0.013 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

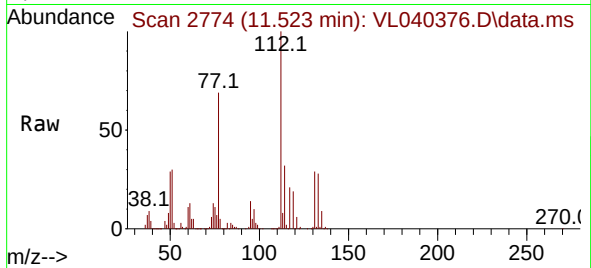
Tgt Ion:131 Resp: 1258832
Ion Ratio Lower Upper
131 100
133 95.3 75.3 112.9
119 68.6 53.9 80.9





#57
Chlorobenzene
Concen: 9.470 ppbv
RT: 11.523 min Scan# 2112
Delta R.T. -0.013 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

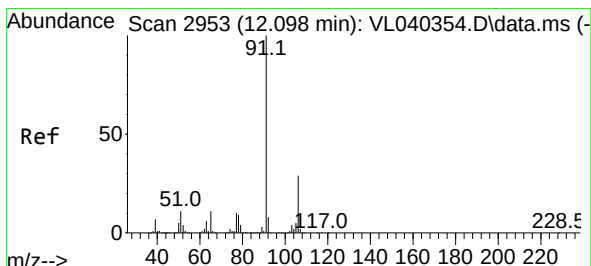
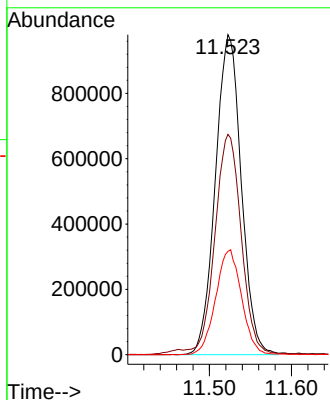
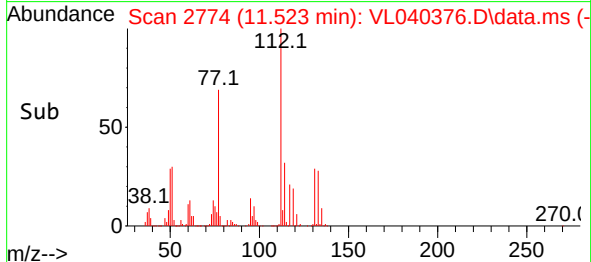
Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01



Tgt Ion:112 Resp: 215096
Ion Ratio Lower Upper
112 100
77 68.5 55.8 83.8
114 32.3 29.1 35.5

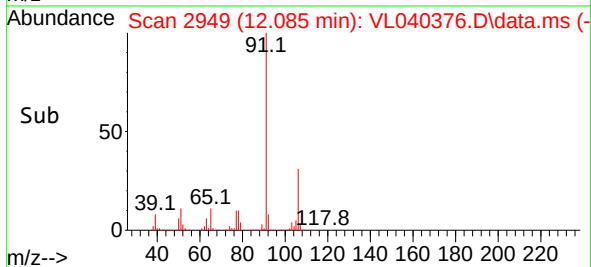
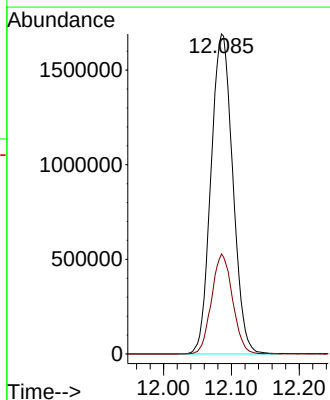
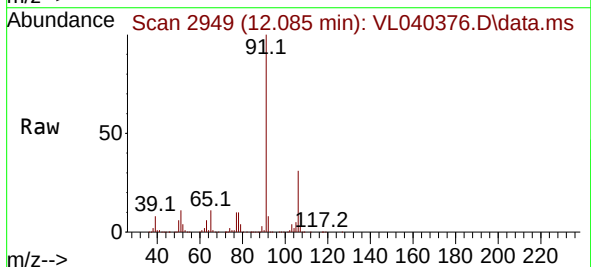
Manual Integrations
APPROVED

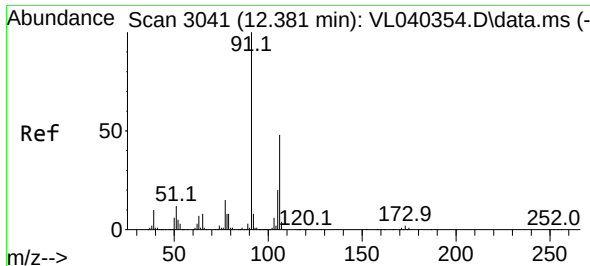
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#58
Ethyl Benzene
Concen: 10.587 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. -0.013 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

Tgt Ion: 91 Resp: 3778108
Ion Ratio Lower Upper
91 100
106 31.2 23.5 35.3





#59

m/p-Xylene

Concen: 20.071 ppbv m

RT: 12.368 min Scan# 3041

Delta R.T. -0.013 min

Lab File: VL040376.D

Acq: 19 Apr 2023 12:20

Instrument :

MSVOA_L

ClientSampleId :

VL0419ABS01

Tgt Ion: 91 Resp: 6586709

Ion Ratio Lower Upper

91 100

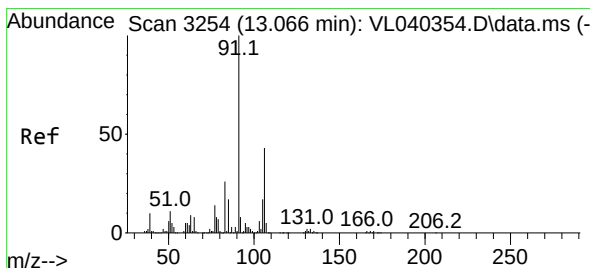
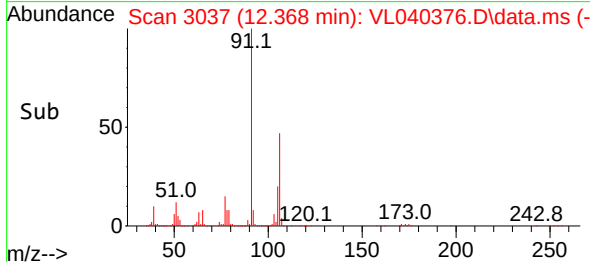
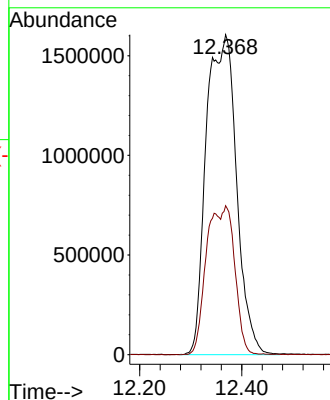
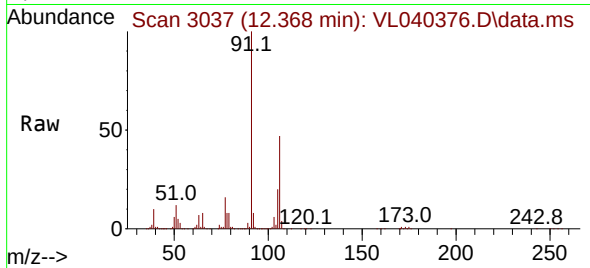
106 43.6 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#60

o-Xylene

Concen: 10.052 ppbv

RT: 13.053 min Scan# 3250

Delta R.T. -0.013 min

Lab File: VL040376.D

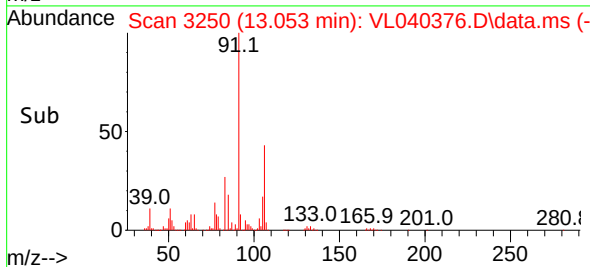
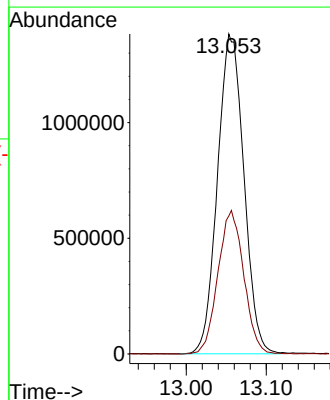
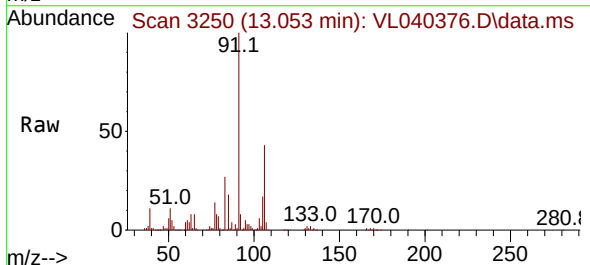
Acq: 19 Apr 2023 12:20

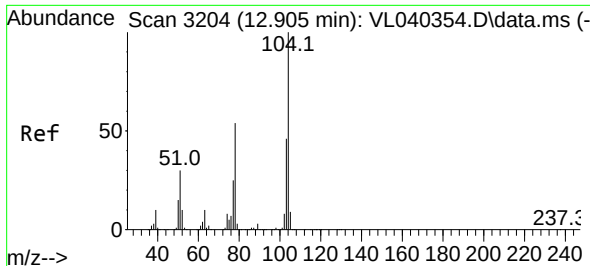
Tgt Ion: 91 Resp: 3166038

Ion Ratio Lower Upper

91 100

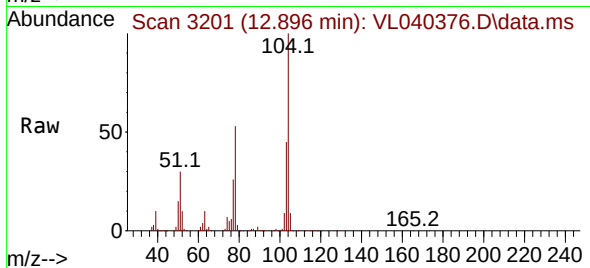
106 43.8 21.9 65.8





#61
Styrene
Concen: 11.645 ppbv
RT: 12.896 min Scan# 31
Delta R.T. -0.009 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

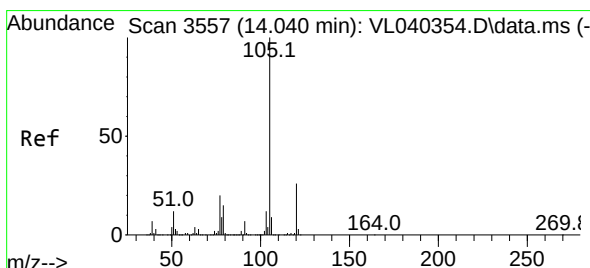
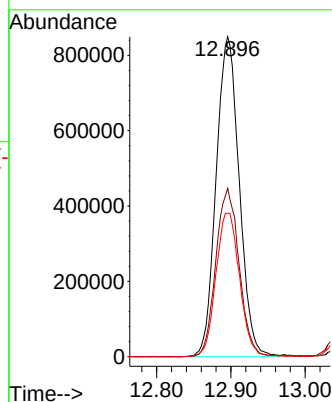
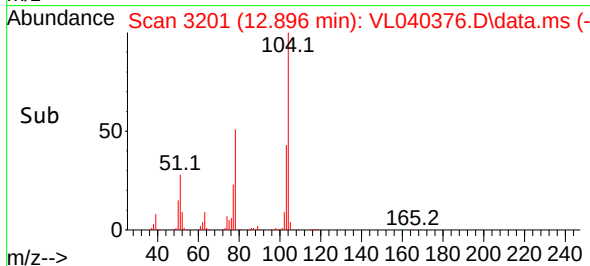
Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01



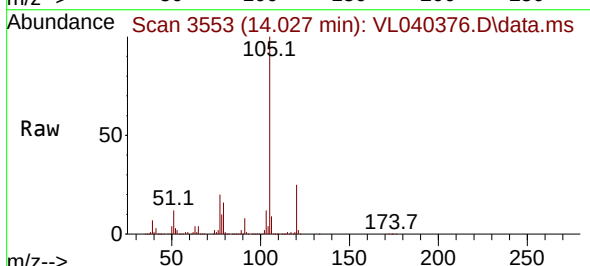
Tgt Ion:104 Resp: 1837219
Ion Ratio Lower Upper
104 100
78 53.0 43.4 65.0
103 46.0 37.0 55.4

Manual Integrations
APPROVED

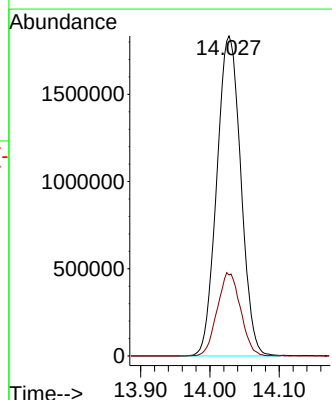
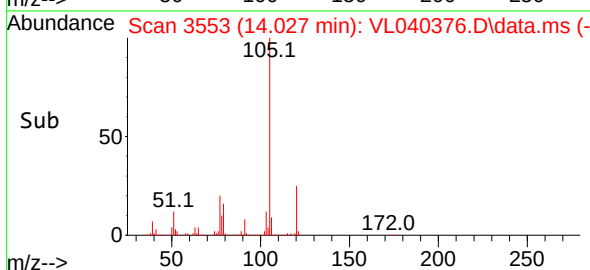
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

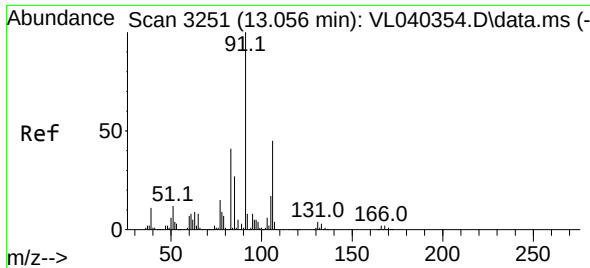


#62
Isopropylbenzene
Concen: 9.755 ppbv
RT: 14.027 min Scan# 3553
Delta R.T. -0.013 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20



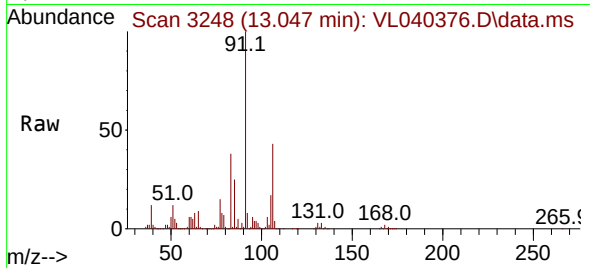
Tgt Ion:105 Resp: 4424603
Ion Ratio Lower Upper
105 100
120 25.3 19.9 29.9





#63
1,1,2,2-Tetrachloroethane
Concen: 8.617 ppbv
RT: 13.047 min Scan# 31
Delta R.T. -0.009 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

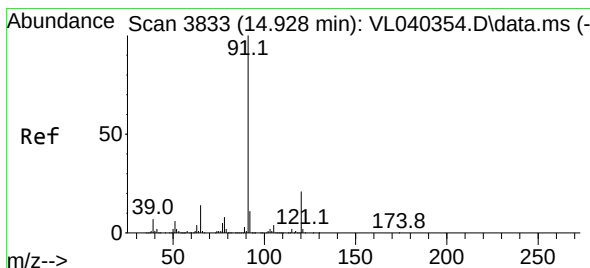
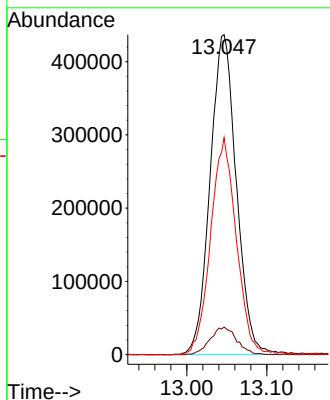
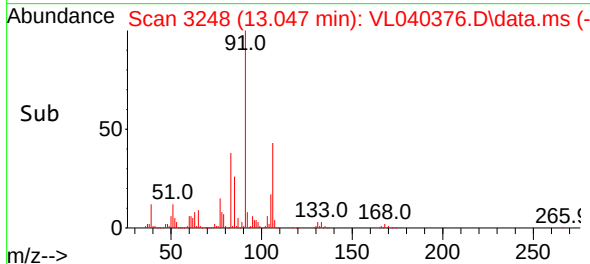
Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01



Tgt Ion: 83 Resp: 993214
Ion Ratio Lower Upper
83 100
131 8.8 4.3 13.1
85 66.7 32.9 98.6

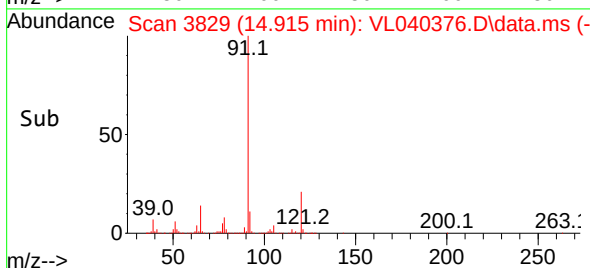
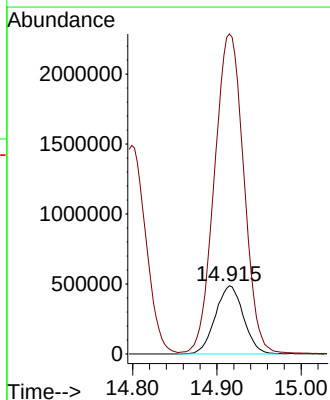
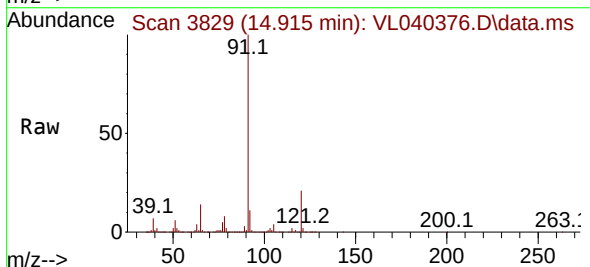
Manual Integrations
APPROVED

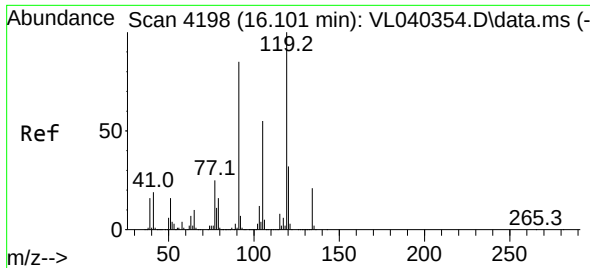
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#64
n-propylbenzene
Concen: 10.087 ppbv
RT: 14.915 min Scan# 3829
Delta R.T. -0.013 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

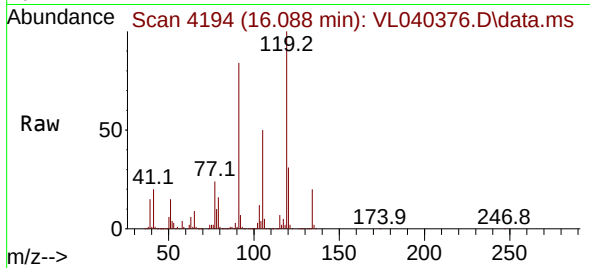
Tgt Ion:120 Resp: 1125779
Ion Ratio Lower Upper
120 100
91 493.3 397.4 596.0





#65
tert-Butylbenzene
Concen: 9.781 ppbv
RT: 16.088 min Scan# 4198
Delta R.T. -0.013 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

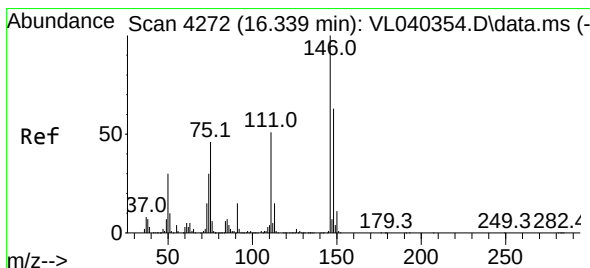
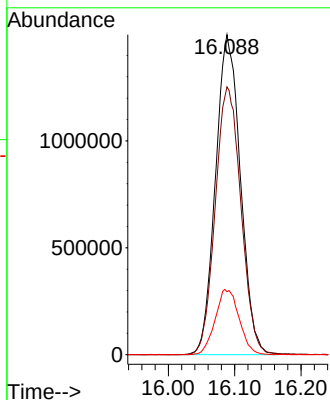
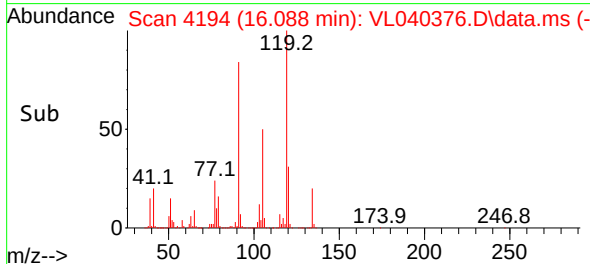
Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01



Tgt Ion: 119 Resp: 3903204
Ion Ratio Lower Upper
119 100
91 86.3 70.1 105.1
134 19.7 15.6 23.4

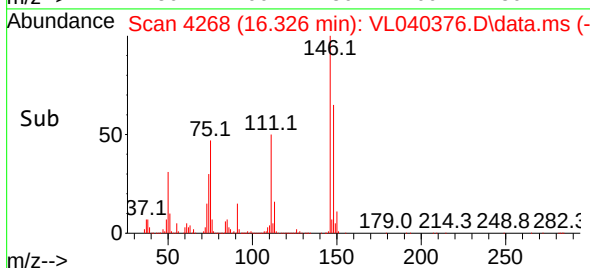
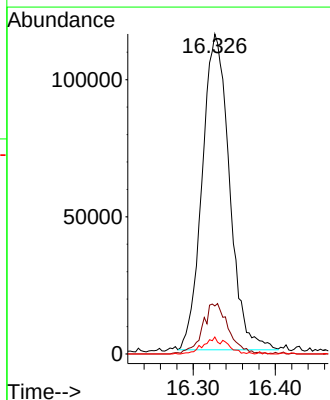
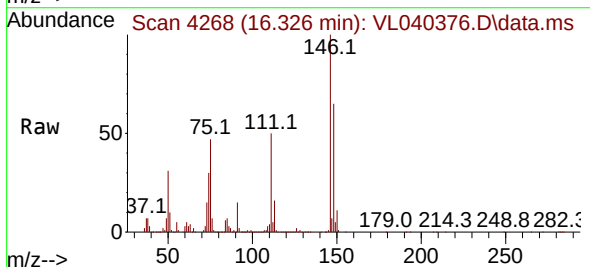
Manual Integrations
APPROVED

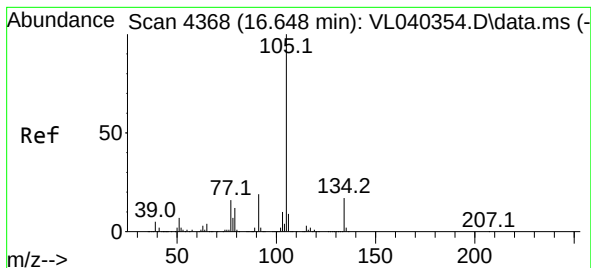
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#66
Benzyl Chloride
Concen: 10.758 ppbv
RT: 16.326 min Scan# 4268
Delta R.T. -0.013 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

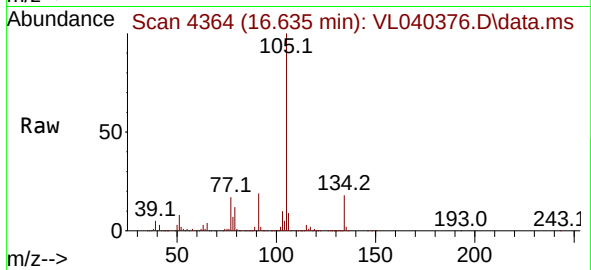
Tgt Ion: 91 Resp: 265813
Ion Ratio Lower Upper
91 100
126 15.4 12.3 18.5
128 4.6 4.1 6.1





#67
 sec-Butylbenzene
 Concen: 9.590 ppbv
 RT: 16.635 min Scan# 41
 Delta R.T. -0.013 min
 Lab File: VL040376.D
 Acq: 19 Apr 2023 12:20

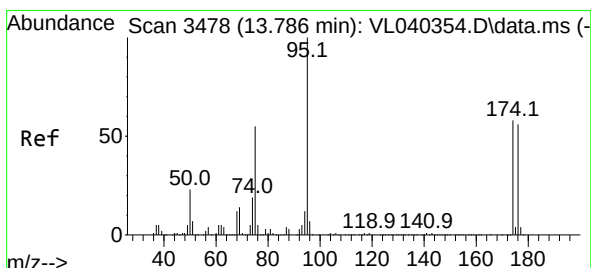
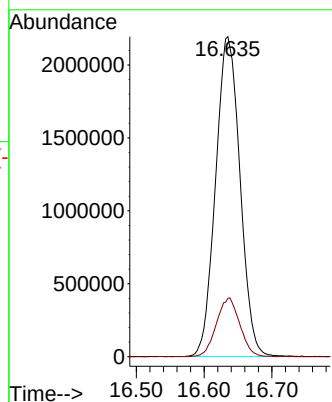
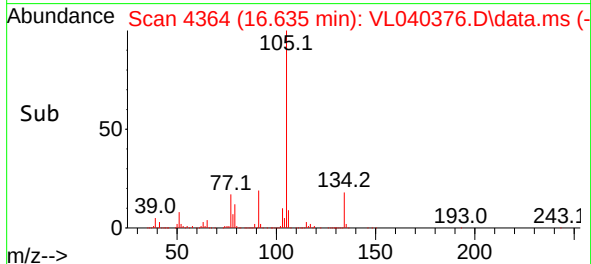
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0419ABS01



Tgt Ion:105 Resp: 5497118
 Ion Ratio Lower Upper
 105 100
 134 17.6 13.8 20.6

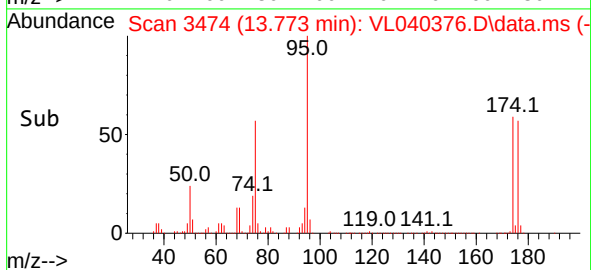
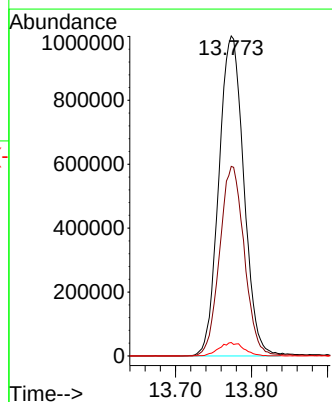
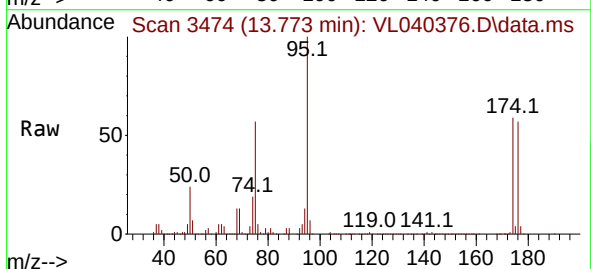
Manual Integrations
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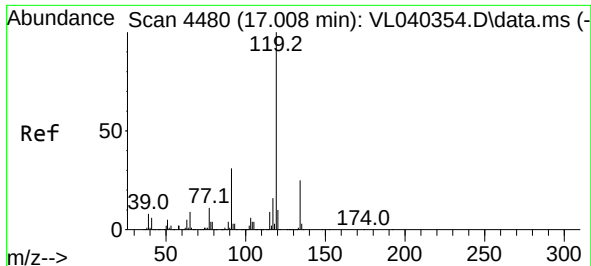
Reviewed By :Semsettin Yesilyurt 04/20/2023
 Supervised By :Mahesh Dadoda 04/22/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.504 ppbv
 RT: 13.773 min Scan# 3474
 Delta R.T. -0.013 min
 Lab File: VL040376.D
 Acq: 19 Apr 2023 12:20

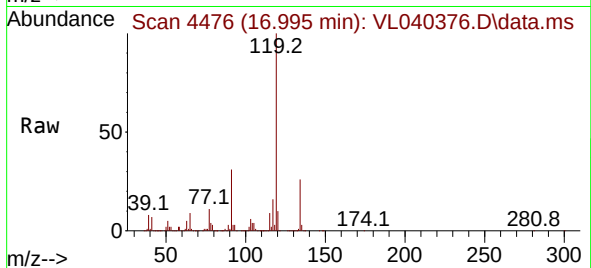
Tgt Ion: 95 Resp: 2279964
 Ion Ratio Lower Upper
 95 100
 174 58.8 47.2 70.8
 175 4.2 3.5 5.3





#69
p-Isopropyltoluene
Concen: 9.855 ppbv
RT: 16.995 min Scan# 4480
Delta R.T. -0.013 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

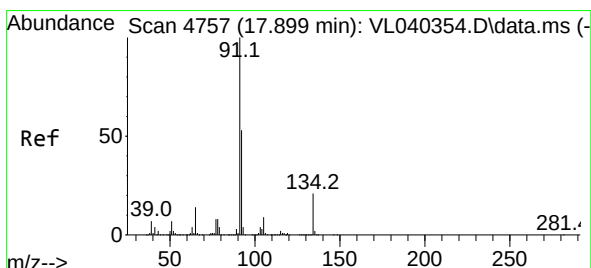
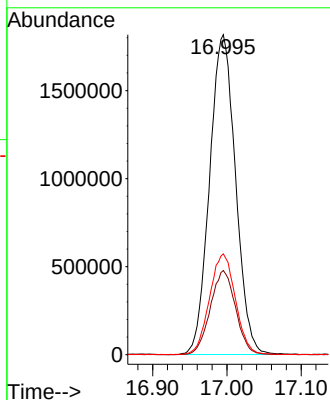
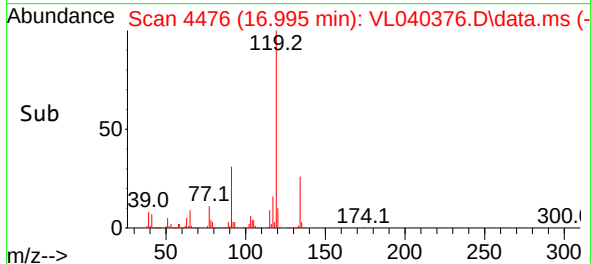
Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01



Tgt Ion:119 Resp: 441094
Ion Ratio Lower Upper
119 100
134 25.7 20.2 30.4
91 31.5 25.7 38.5

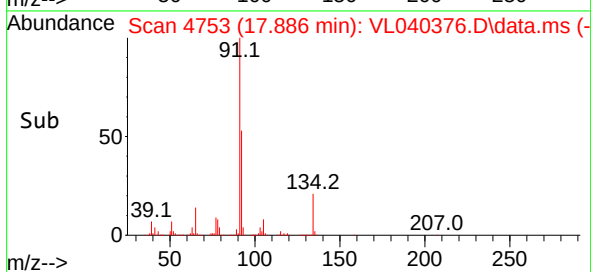
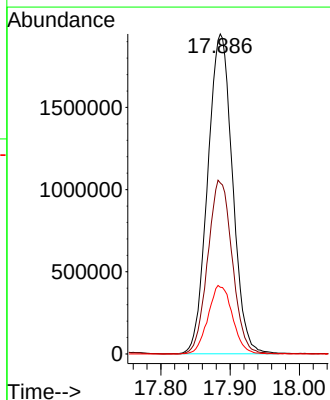
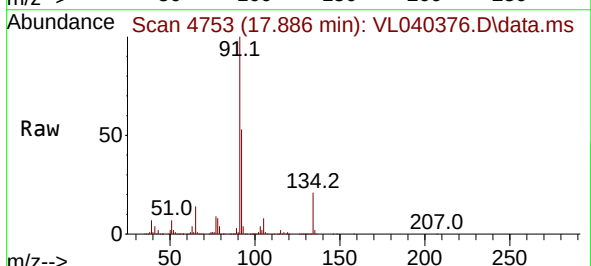
Manual Integrations
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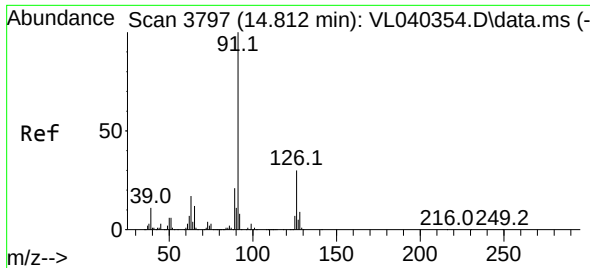
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#70
n-Butylbenzene
Concen: 9.753 ppbv
RT: 17.886 min Scan# 4753
Delta R.T. -0.013 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

Tgt Ion: 91 Resp: 4839042
Ion Ratio Lower Upper
91 100
92 53.6 43.0 64.4
134 21.1 16.6 25.0





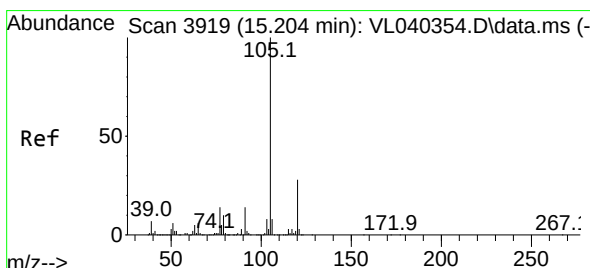
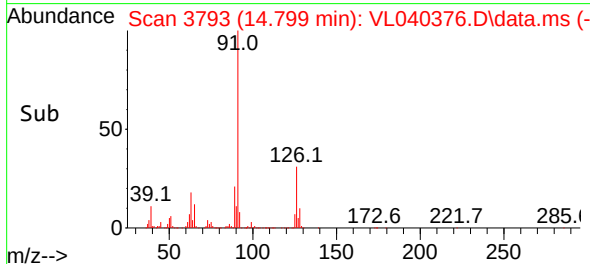
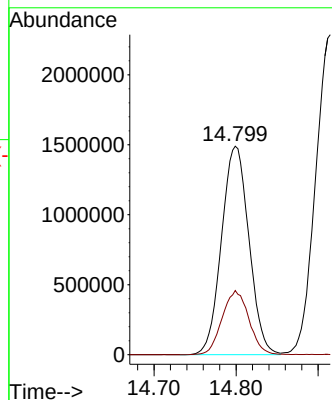
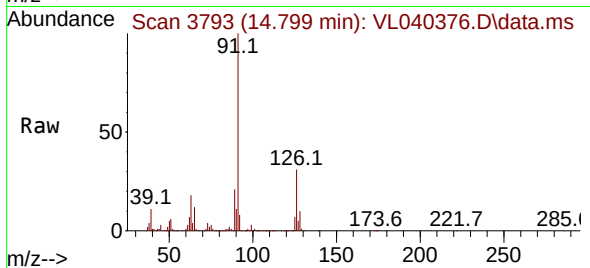
#71
2-Chlorotoluene
Concen: 9.943 ppbv
RT: 14.799 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01

Tgt Ion: 91 Resp: 3462334
Ion Ratio Lower Upper
91 100
126 30.0 11.8 47.4

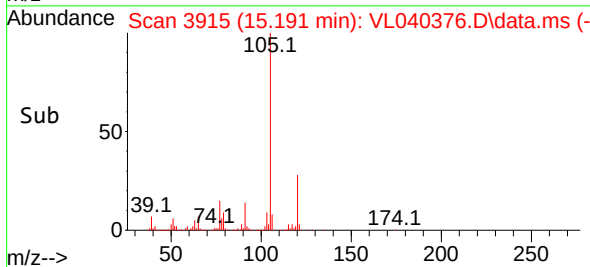
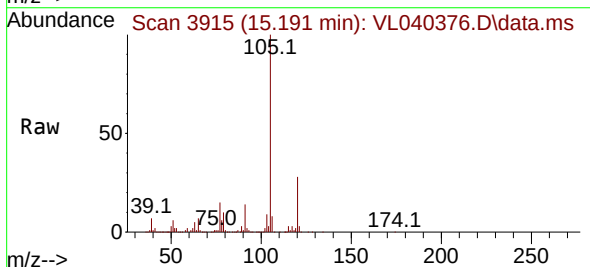
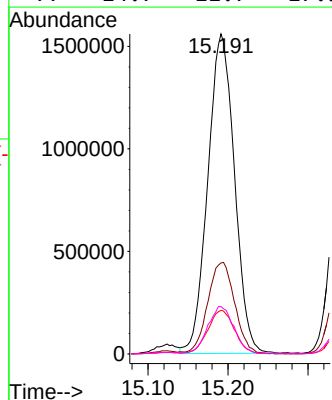
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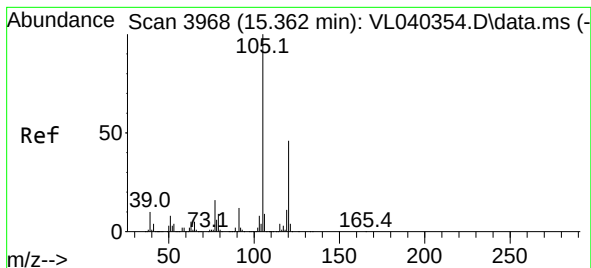
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#72
4-Ethyltoluene
Concen: 10.386 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. -0.013 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

Tgt Ion:105 Resp: 3610939
Ion Ratio Lower Upper
105 100
120 29.2 23.0 34.6
91 14.3 11.3 16.9
77 14.7 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 10.054 ppbv

RT: 15.349 min Scan# 3964

Delta R.T. -0.013 min

Lab File: VL040376.D

Acq: 19 Apr 2023 12:20

Instrument :

MSVOA_L

ClientSampleId :

VL0419ABS01

Tgt Ion:105 Resp: 322926

Ion Ratio Lower Upper

105 100

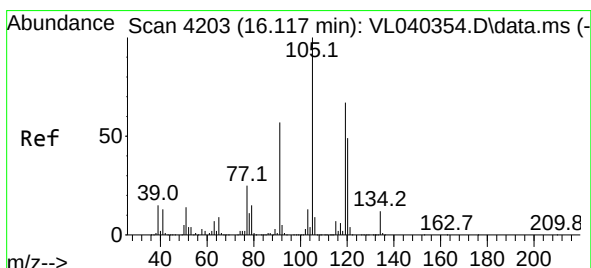
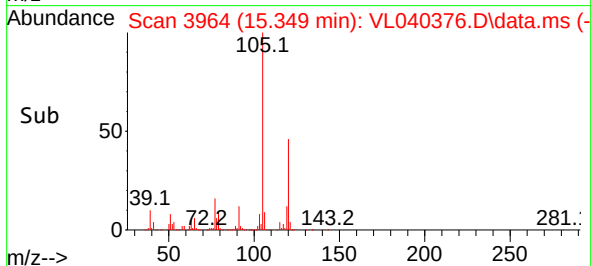
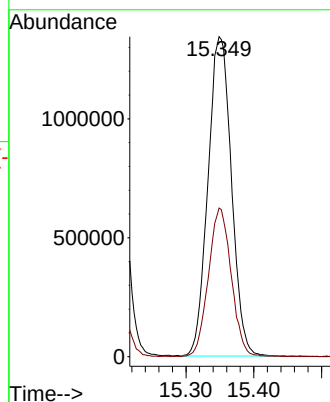
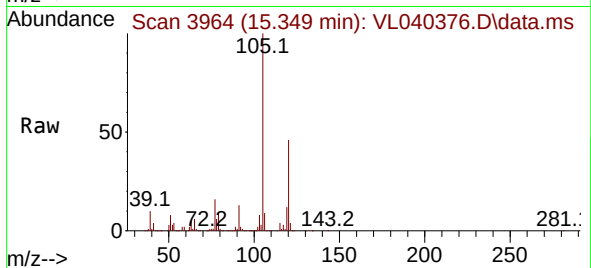
120 46.5 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#74

1,2,4-Trimethylbenzene

Concen: 9.623 ppbv

RT: 16.108 min Scan# 4200

Delta R.T. -0.009 min

Lab File: VL040376.D

Acq: 19 Apr 2023 12:20

Tgt Ion:105 Resp: 3532616

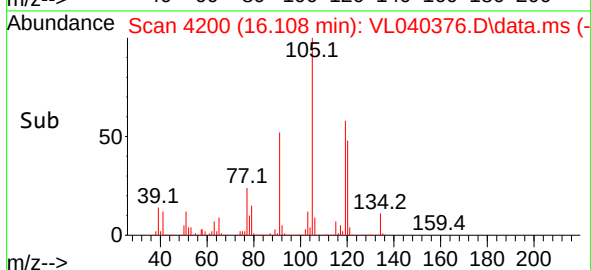
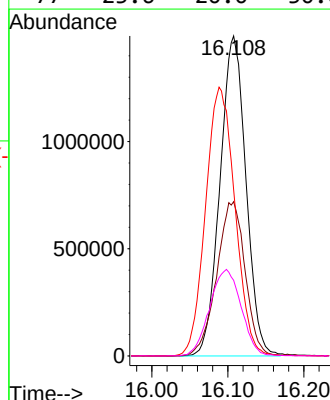
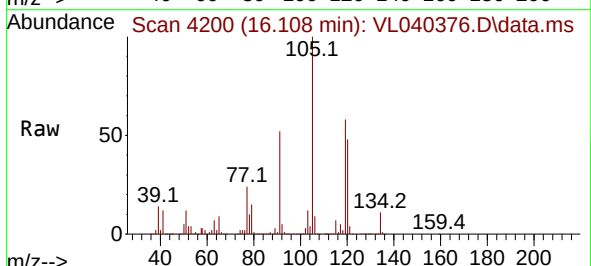
Ion Ratio Lower Upper

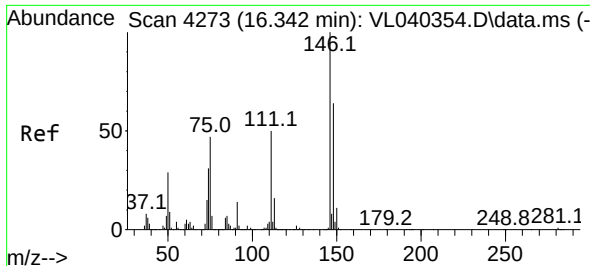
105 100

120 48.1 38.9 58.3

91 51.7 46.0 69.0

77 23.6 20.0 30.0





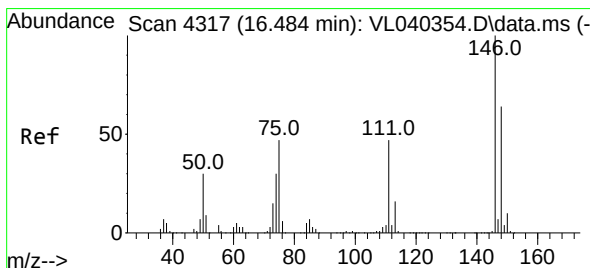
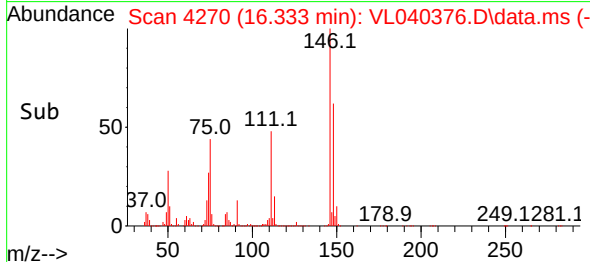
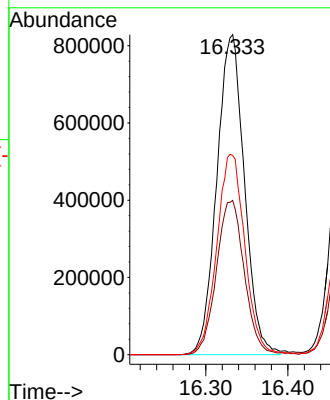
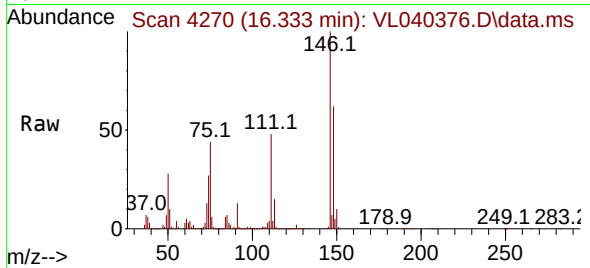
#75
1,3-Dichlorobenzene
Concen: 9.644 ppbv
RT: 16.333 min Scan# 41
Delta R.T. -0.009 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01

Tgt Ion:146 Resp: 1939099
Ion Ratio Lower Upper
146 100
111 48.8 24.6 74.0
148 63.9 32.1 96.3

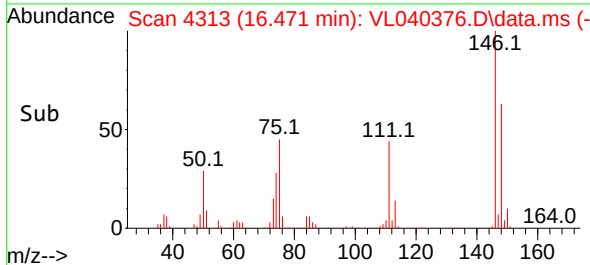
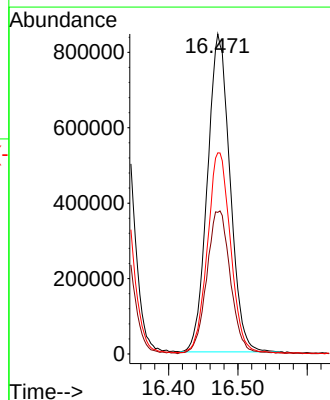
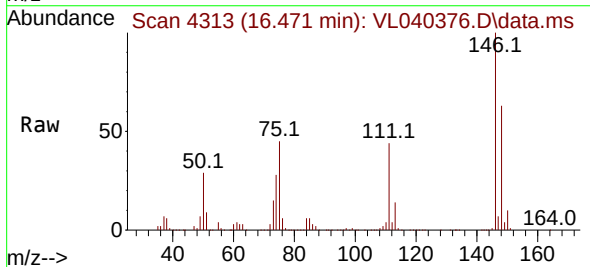
Manual Integrations
APPROVED

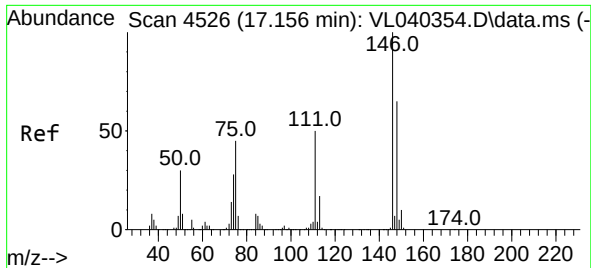
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#76
1,4-Dichlorobenzene
Concen: 9.590 ppbv
RT: 16.471 min Scan# 4313
Delta R.T. -0.013 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

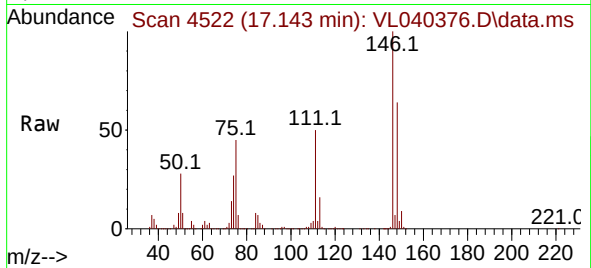
Tgt Ion:146 Resp: 1905217
Ion Ratio Lower Upper
146 100
111 47.6 23.8 71.4
148 65.3 32.4 97.2





#77
1,2-Dichlorobenzene
Concen: 9.311 ppbv
RT: 17.143 min Scan# 4522
Delta R.T. -0.013 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

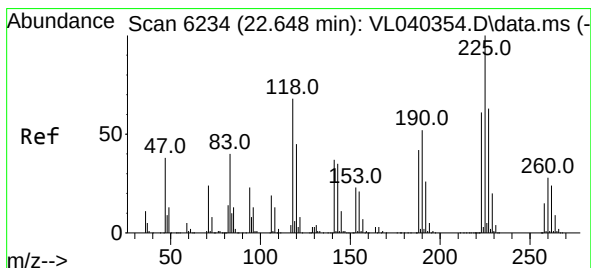
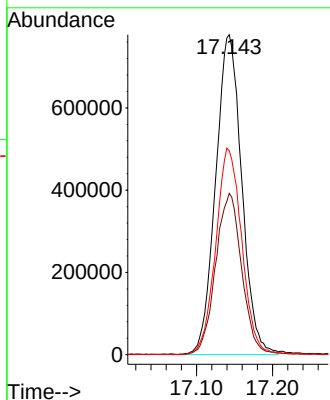
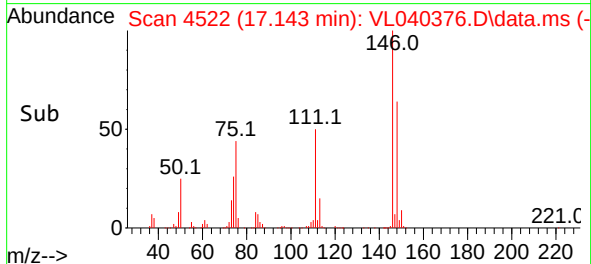
Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01



Tgt Ion:146 Resp: 1851210
Ion Ratio Lower Upper
146 100
111 50.8 25.4 76.0
148 65.0 32.0 96.2

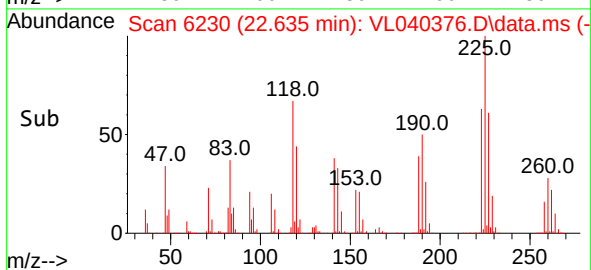
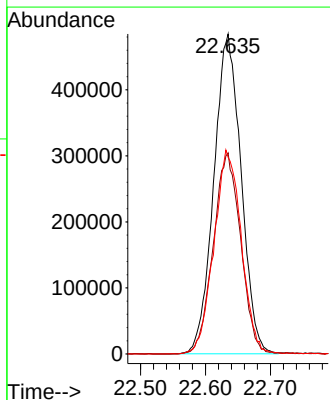
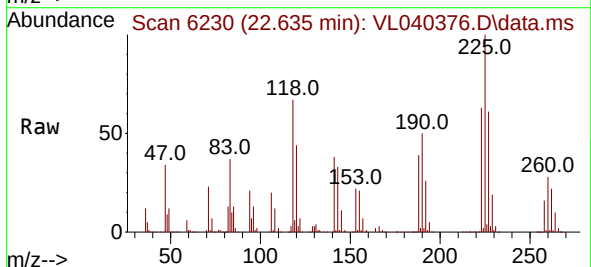
Manual Integrations
APPROVED

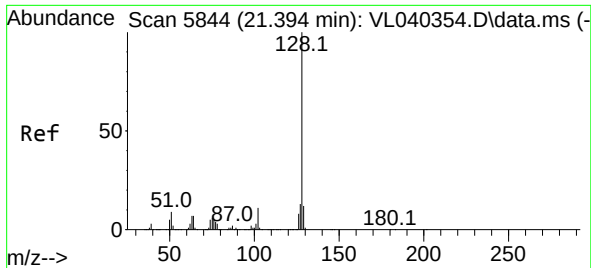
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#78
Hexachloro-1,3-Butadiene
Concen: 8.844 ppbv
RT: 22.635 min Scan# 6230
Delta R.T. -0.013 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

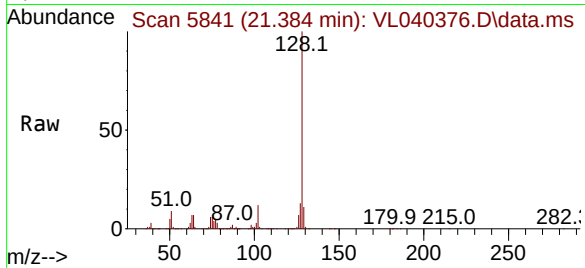
Tgt Ion:225 Resp: 1409742
Ion Ratio Lower Upper
225 100
223 63.2 50.7 76.1
227 64.4 51.0 76.4





#79
Naphthalene
Concen: 11.990 ppbv
RT: 21.384 min Scan# 5841
Delta R.T. -0.010 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

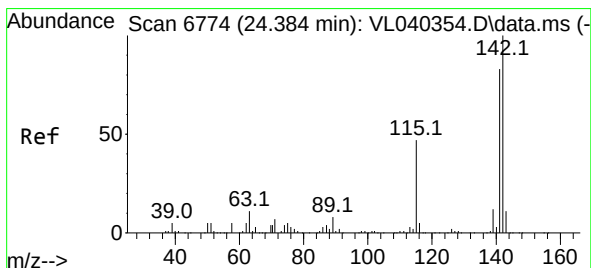
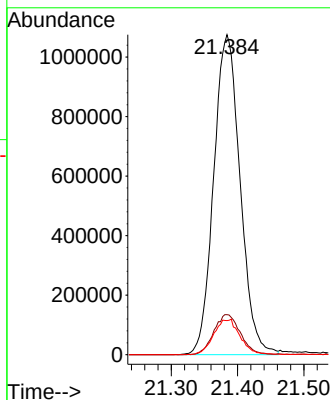
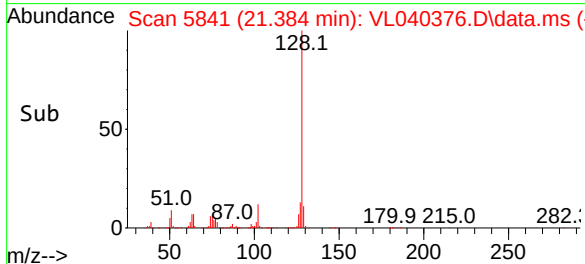
Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01



Tgt Ion:128 Resp: 297114
Ion Ratio Lower Upper
128 100
127 12.5 10.0 15.0
129 10.7 9.4 14.0

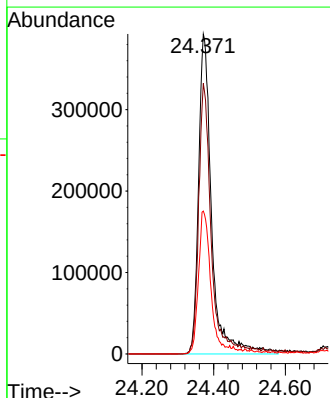
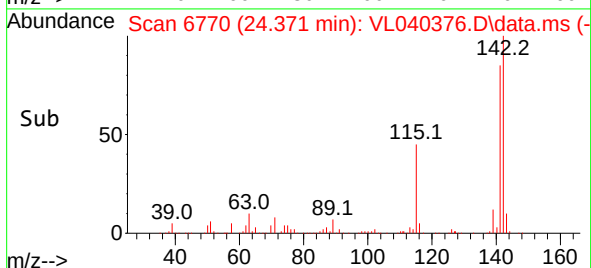
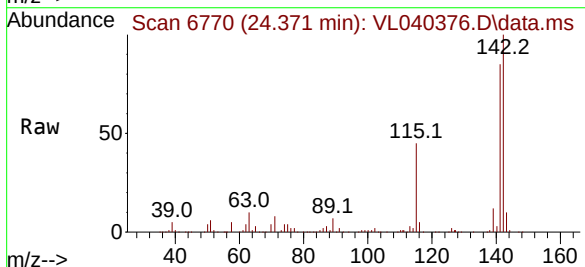
Manual Integrations
APPROVED

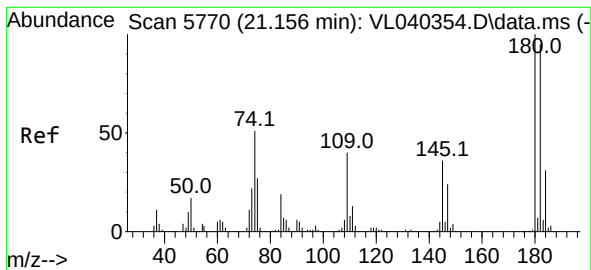
Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#80
Naphthalene,2-methyl-
Concen: 13.490 ppbv
RT: 24.371 min Scan# 6770
Delta R.T. -0.013 min
Lab File: VL040376.D
Acq: 19 Apr 2023 12:20

Tgt Ion:142 Resp: 995018
Ion Ratio Lower Upper
142 100
141 82.3 65.1 97.7
115 45.1 36.5 54.7





#81

1,2,4-Trichlorobenzene

Concen: 10.111 ppbv

RT: 21.143 min Scan# 51

Delta R.T. -0.013 min

Lab File: VL040376.D

Acq: 19 Apr 2023 12:20

Instrument :

MSVOA_L

ClientSampleId :

VL0419ABS01

Tgt Ion:180 Resp: 153966

Ion Ratio Lower Upper

180 100

182 97.2 77.7 116.5

184 31.3 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023

