

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041023\
 Data File : VL040318.D
 Acq On : 10 Apr 2023 10:15
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/11/2023
 Supervised By : Mahesh Dadoda 04/11/2023

Quant Time: Apr 11 02:05:48 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M

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

QLast Update : Wed Mar 15 16:14:43 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.156	49	1046136	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.619	114	2712693	10.000	ppbv	-0.04
55) Chlorobenzene-d5	11.433	117	2758495m	10.000	ppbv	-0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.741 95 2156717 9.336 ppbv -0.04
 Spiked Amount 10.000 Range 65 - 135 Recovery = 93.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.693	85	1515062	7.381	ppbv	99
3) Chlorodifluoromethane	2.639	51	1142854	8.688	ppbv	100
4) Chloromethane	2.777	50	775108	9.542	ppbv	100
5) Vinyl Chloride	2.883	62	658861	10.017	ppbv	98
6) Bromomethane	3.083	94	212029	9.296	ppbv	99
7) Chloroethane	3.163	64	239655	9.491	ppbv	94
8) Dichlorotetrafluoroethane	2.822	85	1619535	9.218	ppbv	98
9) Propene	2.658	41	507376	10.068	ppbv	96
10) Heptane	7.545	43	1263192	10.421	ppbv	99
11) Trichlorofluoromethane	3.526	101	1658702	8.919	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.031	101	1248647	8.940	ppbv	97
13) Ethanol	3.211	45	29716m	8.040	ppbv	
14) Bromoethene	3.330	108	506488	9.722	ppbv	98
15) Acetone	3.430	43	1128959	8.864	ppbv	98
16) 1,3-Butadiene	2.947	39	593972	10.260	ppbv	100
17) tert-Butyl alcohol	3.838	59	1273158	10.518	ppbv	100
18) 1,1-Dichloroethene	3.845	96	565053	9.431	ppbv	98
19) Isopropyl Alcohol	3.539	45	609554	9.991	ppbv #	97
20) Methylene Chloride	3.896	84	458794	8.563	ppbv	96
21) Allyl Chloride	3.960	41	823240	9.979	ppbv	98
22) trans-1,2-Dichloroethene	4.407	96	578844	9.492	ppbv	98
23) Vinyl Acetate	4.591	43	369162	10.419	ppbv #	95
24) 1,1-Dichloroethane	4.526	63	1175998	9.305	ppbv	97
25) Ethyl Acetate	5.166	43	2310105	9.688	ppbv	99
26) Hexane	5.179	57	1007490	10.294	ppbv	94
27) Carbon Disulfide	4.089	76	1411444	10.325	ppbv	99
28) Methyl tert-Butyl Ether	4.549	73	1084320	9.649	ppbv	100
29) Chloroform	5.237	83	1685494	9.752	ppbv	100
30) Cyclohexane	6.568	84	843029	10.931	ppbv	99
31) cis-1,2-Dichloroethene	5.044	61	936677	9.827	ppbv	95
32) 1,1,1-Trichloroethane	5.970	97	1700677	10.271	ppbv	99
34) 2-Butanone	4.748	43	1280599	9.565	ppbv	100
35) Carbon Tetrachloride	6.459	117	1752151	10.293	ppbv	97
36) Benzene	6.336	78	2120793	10.259	ppbv	99
37) 1,2-Dichloroethane	5.771	62	1285005	9.550	ppbv	98
38) Trichloroethene	7.256	130	1258887	11.144	ppbv	99
39) 1,2-Dichloropropane	7.037	63	804195	9.915	ppbv	98
40) 1,4-Dioxane	7.250	88	322493m	10.051	ppbv	
41) Tetrahydrofuran	5.520	42	785587	10.167	ppbv	98
42) Bromodichloromethane	7.214	83	1823927	9.920	ppbv	96
43) Methyl Methacrylate	7.439	69	825735	10.748	ppbv	98
44) 2,2,4-Trimethylpentane	7.291	57	3514895	10.198	ppbv	99
45) t-1,3-Dichloropropene	8.674	75	780613	11.656	ppbv	97

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Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023

Quant Time: Apr 11 02:05:48 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Wed Mar 15 16:14:43 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.108	75	1074724	11.301	ppbv	96
47) 1,1,2-Trichloroethane	8.864	97	867294	10.022	ppbv	98
48) Dibromochloromethane	9.677	129	1438856	10.103	ppbv	100
49) Bromoform	12.378	173	1073994	10.041	ppbv	100
50) 4-Methyl-2-Pentanone	8.147	43	2084092	10.059	ppbv	99
51) 2-Hexanone	9.516	43	1575842	9.818	ppbv #	98
52) Tetrachloroethene	10.581	164	693292	11.085	ppbv	97
53) Toluene	9.185	91	2359028	10.889	ppbv	99
54) 1,2-Dibromoethane	9.973	107	916454	10.288	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.474	131	1037569	8.941	ppbv	97
57) Chlorobenzene	11.494	112	1771527	9.028	ppbv	97
58) Ethyl Benzene	12.056	91	3132936	9.974	ppbv	97
59) m/p-Xylene	12.339	91	5353537m	18.606	ppbv	
60) o-Xylene	13.024	91	2553422	9.283	ppbv	99
61) Styrene	12.864	104	1459995	10.460	ppbv	98
62) Isopropylbenzene	13.999	105	3600209	9.191	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.015	83	796947	8.234	ppbv	99
64) n-propylbenzene	14.883	120	911446	9.509	ppbv	98
65) tert-Butylbenzene	16.060	119	3185760	9.438	ppbv	99
66) Benzyl Chloride	16.294	91	212707	9.696	ppbv	98
67) sec-Butylbenzene	16.606	105	4562337	9.451	ppbv	100
69) p-Isopropyltoluene	16.963	119	3749220	9.973	ppbv	99
70) n-Butylbenzene	17.857	91	4163400	10.052	ppbv	100
71) 2-Chlorotoluene	14.767	91	2763002	9.268	ppbv	99
72) 4-Ethyltoluene	15.162	105	2951024	9.813	ppbv	99
73) 1,3,5-Trimethylbenzene	15.320	105	2619284	9.615	ppbv	95
74) 1,2,4-Trimethylbenzene	16.079	105	2909896	9.367	ppbv	98
75) 1,3-Dichlorobenzene	16.297	146	1629737	9.686	ppbv	99
76) 1,4-Dichlorobenzene	16.442	146	1589905	9.907	ppbv	100
77) 1,2-Dichlorobenzene	17.111	146	1625310	10.050	ppbv	99
78) Hexachloro-1,3-Butadiene	22.603	225	1159156m	9.773	ppbv	
79) Naphthalene	21.349	128	2345699	12.764	ppbv	98
80) Naphthalene,2-methyl-	24.352	142	382458	8.217	ppbv	97
81) 1,2,4-Trichlorobenzene	21.108	180	1237120	10.929	ppbv	99

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

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 ClientSampleId :
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Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 04/11/2023
 Supervised By : Mahesh Dadoda 04/11/2023

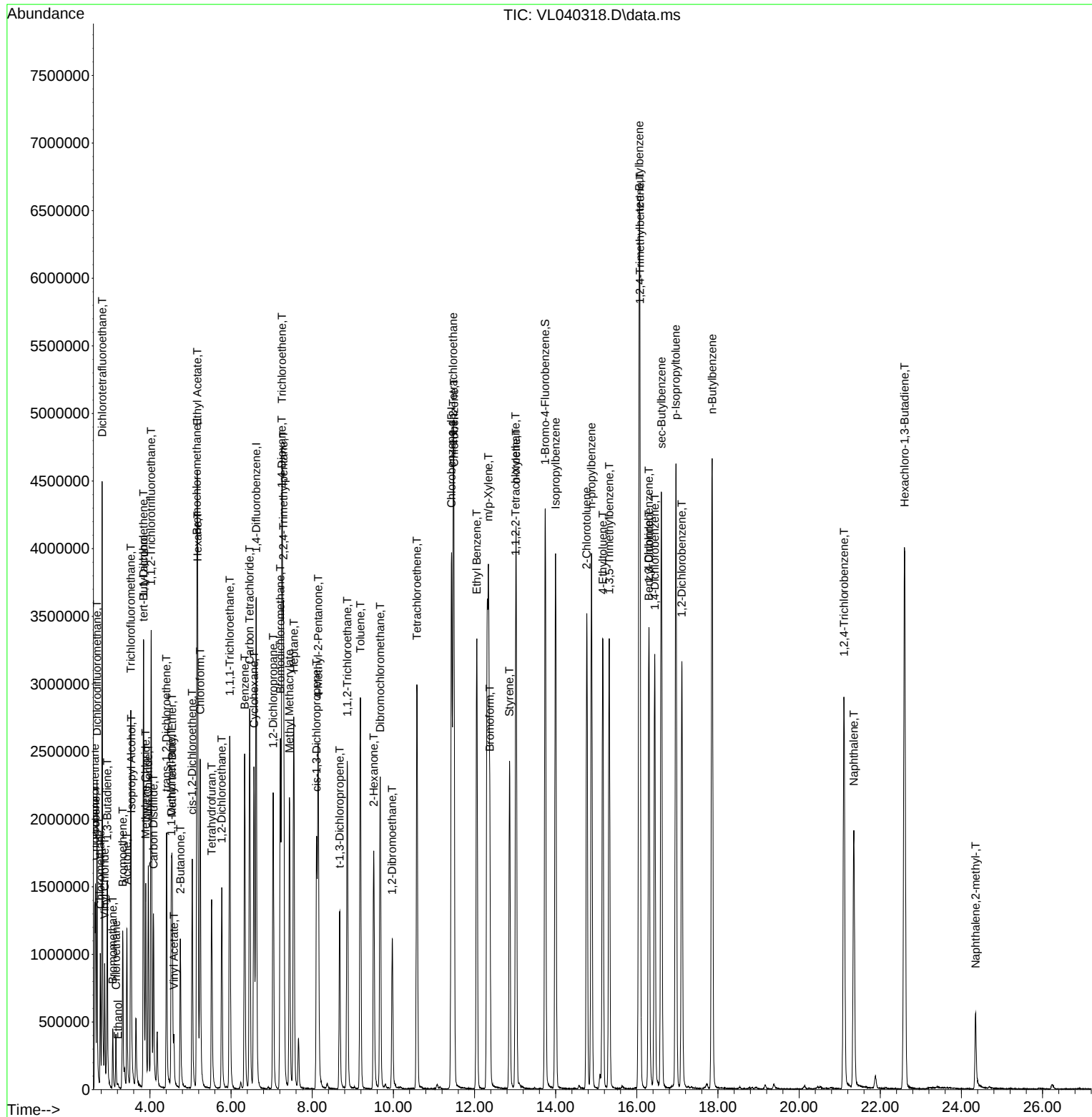
Quant Time: Apr 11 02:05:48 2023

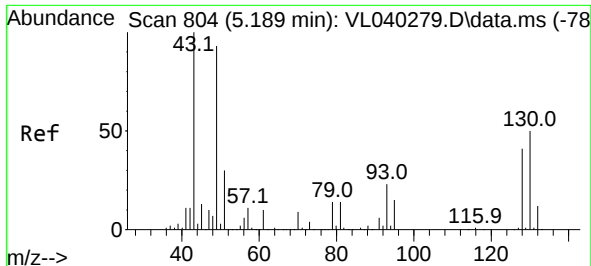
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M

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

QLast Update : Wed Mar 15 16:14:43 2023

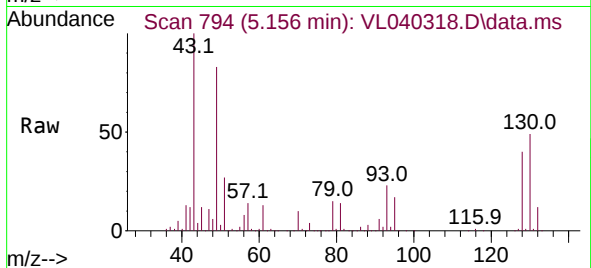
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.156 min Scan# 79
Delta R.T. -0.033 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

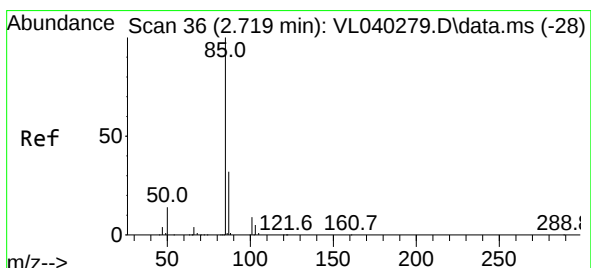
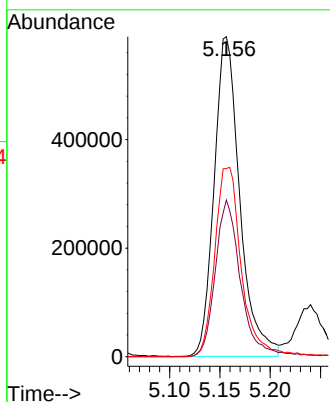
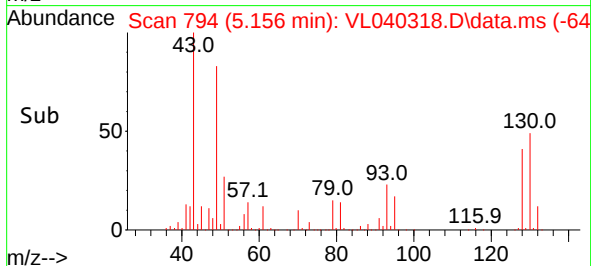
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



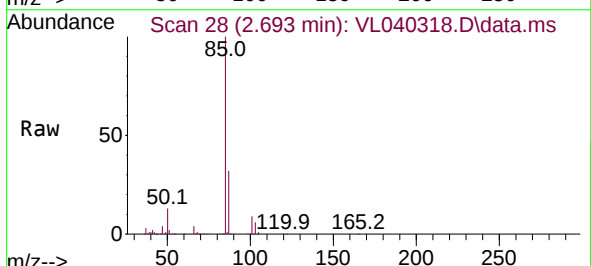
Tgt Ion: 49 Resp: 1046130
Ion Ratio Lower Upper
49 100
128 49.1 22.4 67.3
130 62.4 28.7 86.1

Manual Integrations
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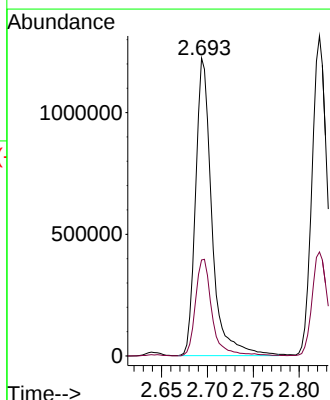
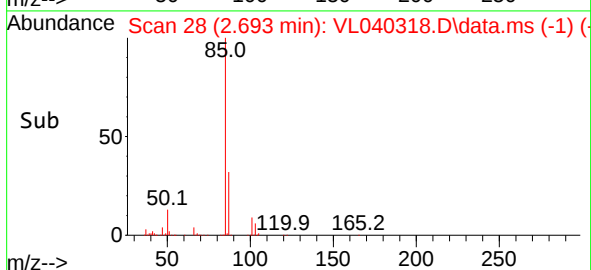
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

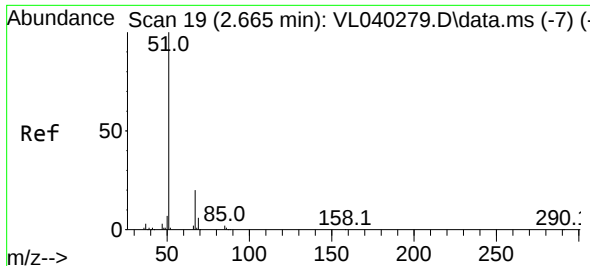


#2
Dichlorodifluoromethane
Concen: 7.381 ppbv
RT: 2.693 min Scan# 28
Delta R.T. -0.026 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15



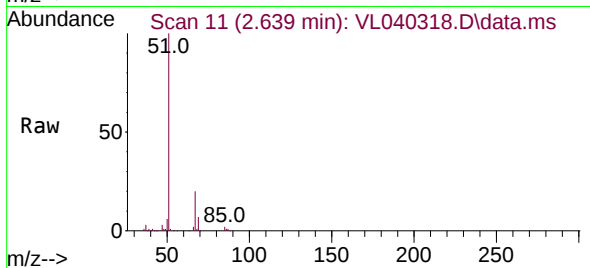
Tgt Ion: 85 Resp: 1515062
Ion Ratio Lower Upper
85 100
87 32.2 25.5 38.3





#3
Chlorodifluoromethane
Concen: 8.688 ppbv
RT: 2.639 min Scan# 11
Delta R.T. -0.026 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

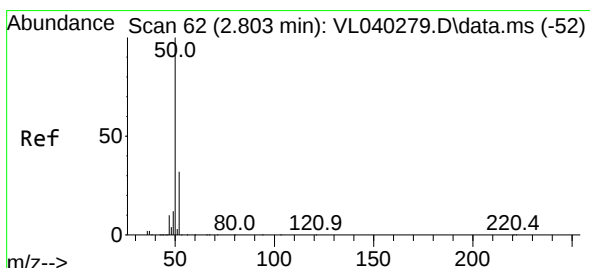
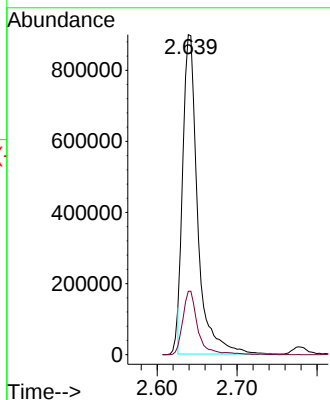
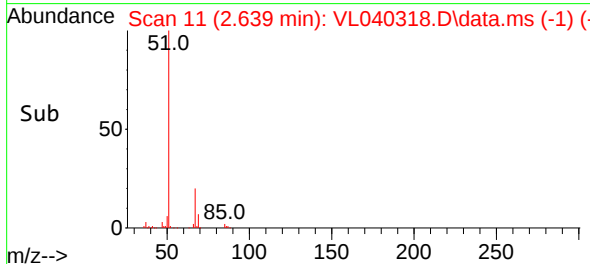
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 51 Resp: 1142854
Ion Ratio Lower Upper
51 100
67 20.0 16.0 24.0

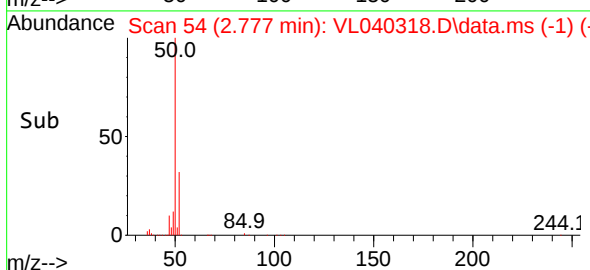
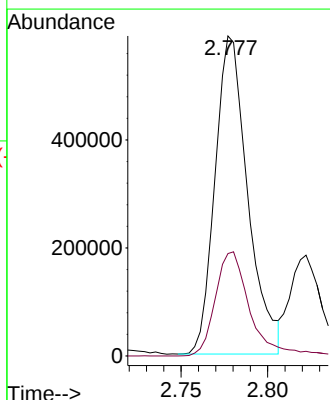
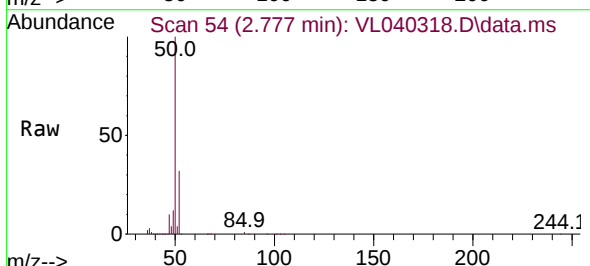
Manual Integrations
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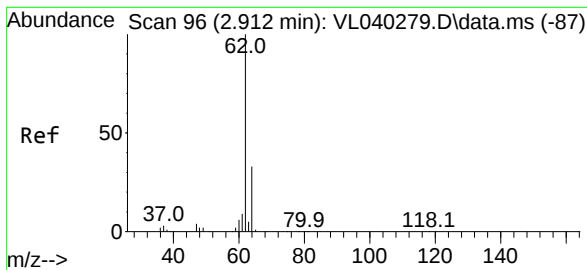
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#4
Chloromethane
Concen: 9.542 ppbv
RT: 2.777 min Scan# 54
Delta R.T. -0.026 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

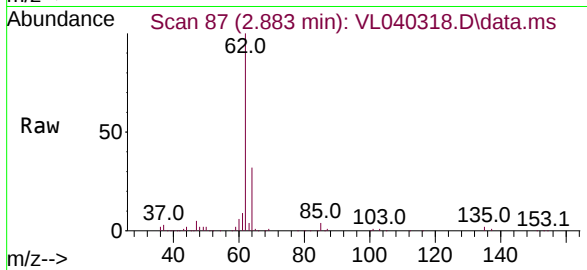
Tgt Ion: 50 Resp: 775108
Ion Ratio Lower Upper
50 100
52 32.2 25.9 38.9





#5
 Vinyl Chloride
 Concen: 10.017 ppbv
 RT: 2.883 min Scan# 81
 Delta R.T. -0.029 min
 Lab File: VL040318.D
 Acq: 10 Apr 2023 10:15

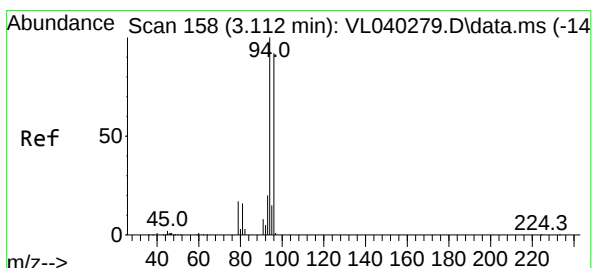
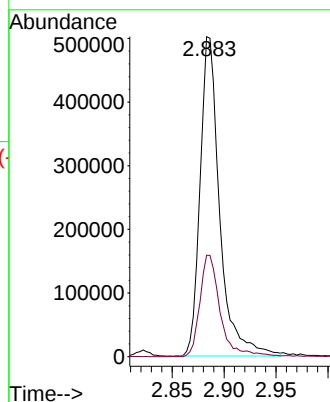
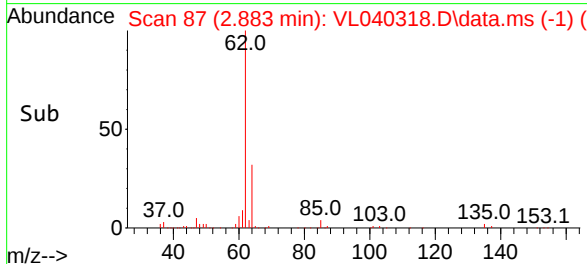
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 62 Resp: 65886
 Ion Ratio Lower Upper
 62 100
 64 31.7 26.4 39.6

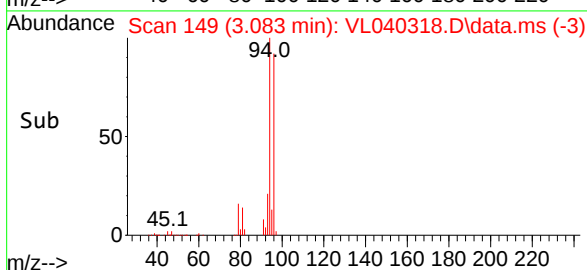
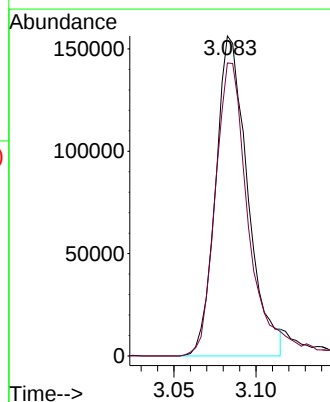
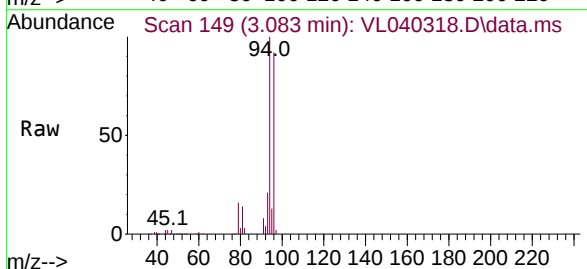
Manual Integrations
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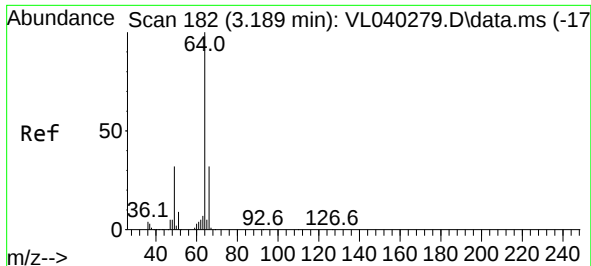
Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023



#6
 Bromomethane
 Concen: 9.296 ppbv
 RT: 3.083 min Scan# 149
 Delta R.T. -0.029 min
 Lab File: VL040318.D
 Acq: 10 Apr 2023 10:15

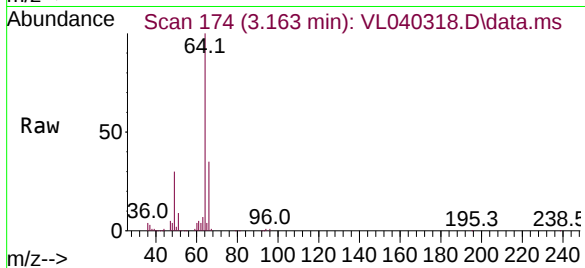
Tgt Ion: 94 Resp: 212029
 Ion Ratio Lower Upper
 94 100
 96 91.6 73.7 110.5





#7
Chloroethane
Concen: 9.491 ppbv
RT: 3.163 min Scan# 11
Delta R.T. -0.026 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

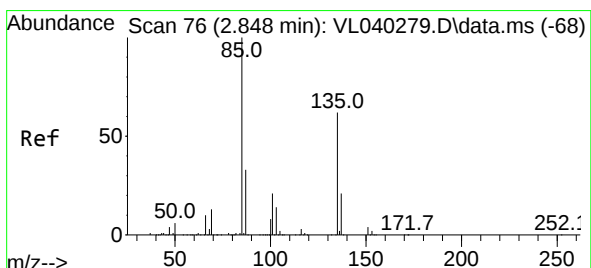
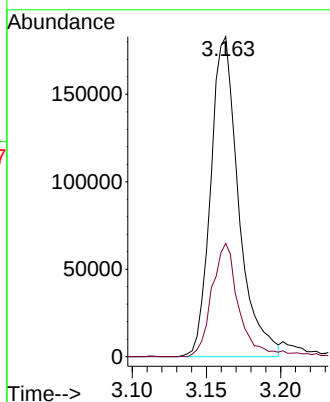
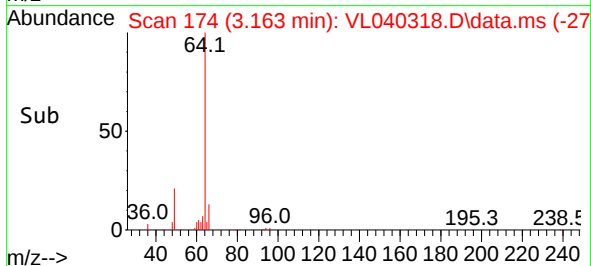
Instrument :
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Tgt Ion: 64 Resp: 23965
Ion Ratio Lower Upper
64 100
66 35.4 25.5 38.3

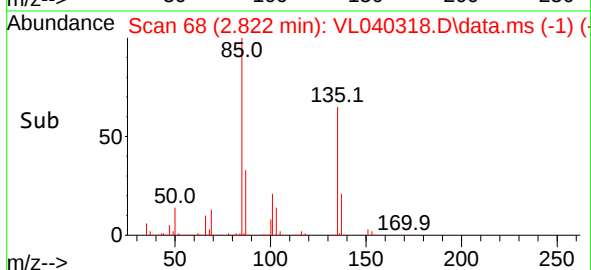
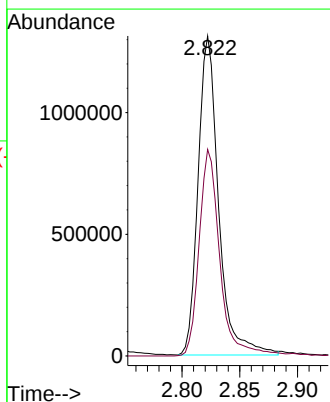
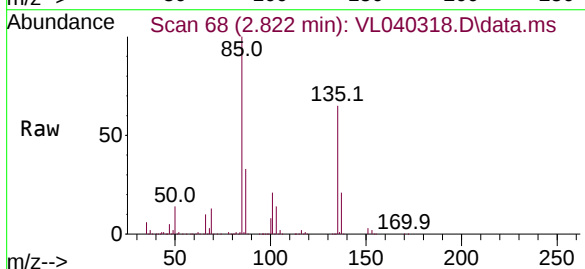
Manual Integrations
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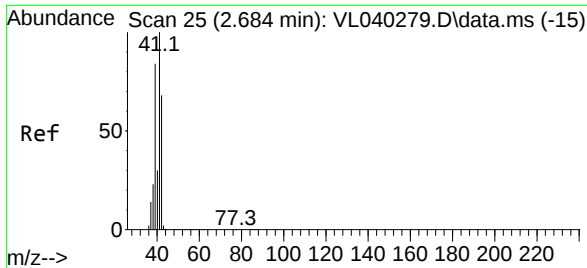
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#8
Dichlorotetrafluoroethane
Concen: 9.218 ppbv
RT: 2.822 min Scan# 68
Delta R.T. -0.026 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

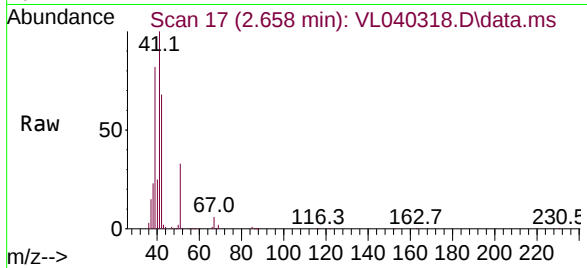
Tgt Ion: 85 Resp: 1619535
Ion Ratio Lower Upper
85 100
135 66.4 52.0 78.0





#9
 Propene
 Concen: 10.068 ppbv
 RT: 2.658 min Scan# 11
 Delta R.T. -0.026 min
 Lab File: VL040318.D
 Acq: 10 Apr 2023 10:15

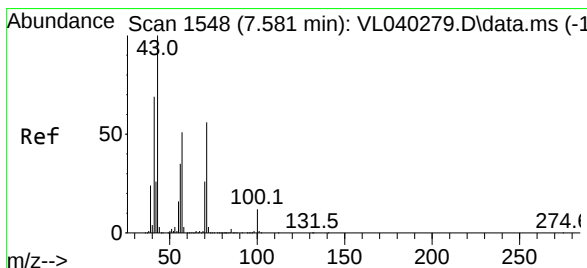
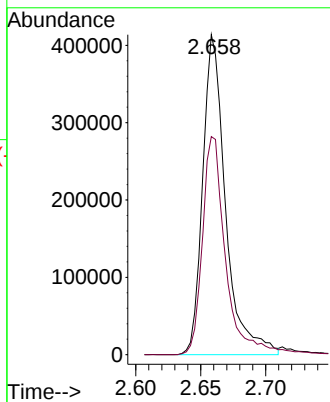
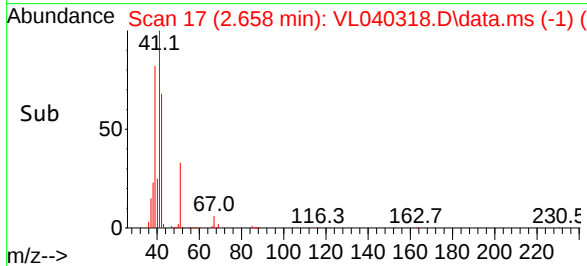
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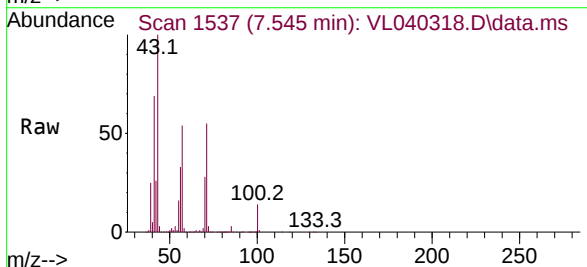
Tgt Ion: 41 Resp: 507370
 Ion Ratio Lower Upper
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 42 70.0 59.0 88.4

Manual Integrations
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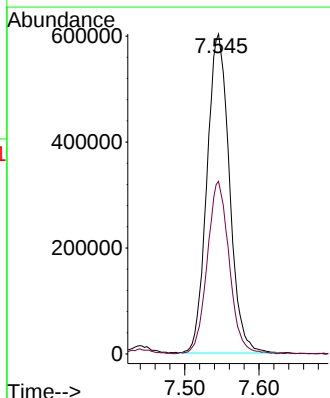
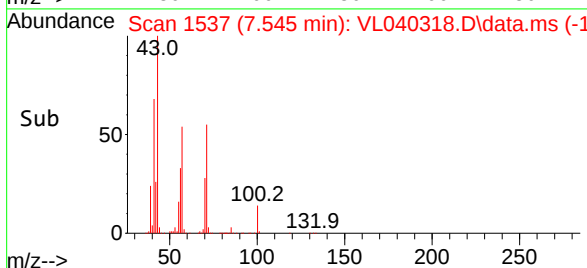
Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023



#10
 Heptane
 Concen: 10.421 ppbv
 RT: 7.545 min Scan# 1537
 Delta R.T. -0.036 min
 Lab File: VL040318.D
 Acq: 10 Apr 2023 10:15



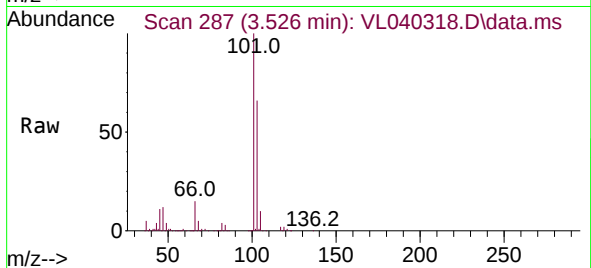
Tgt Ion: 43 Resp: 1263192
 Ion Ratio Lower Upper
 43 100
 57 52.7 41.7 62.5





#11
 Trichlorofluoromethane
 Concen: 8.919 ppbv
 RT: 3.526 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: VL040318.D
 Acq: 10 Apr 2023 10:15

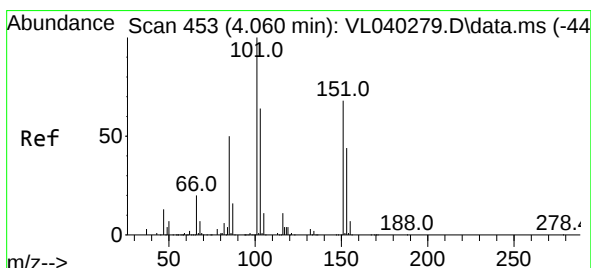
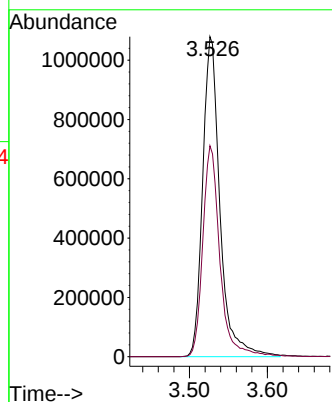
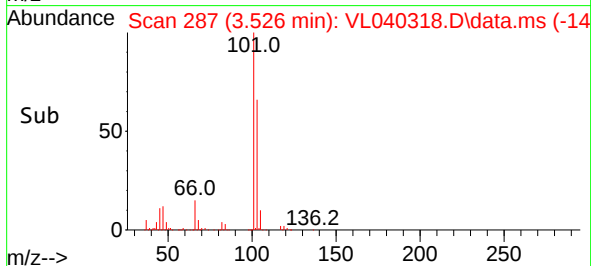
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



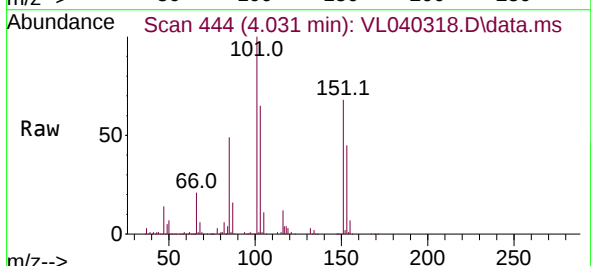
Tgt Ion:101 Resp: 165870
 Ion Ratio Lower Upper
 101 100
 103 65.9 53.1 79.7

Manual Integrations
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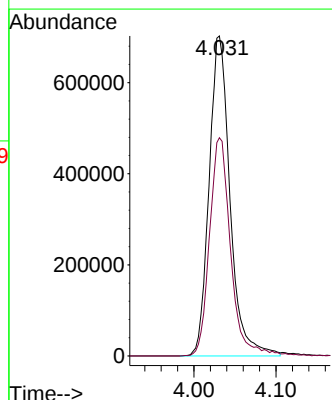
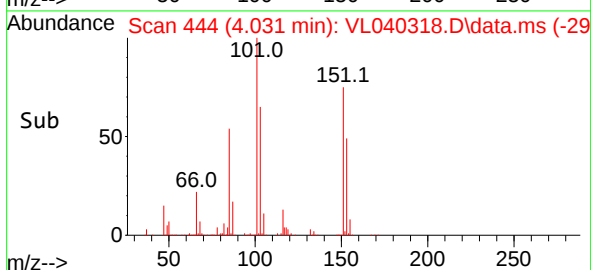
Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023

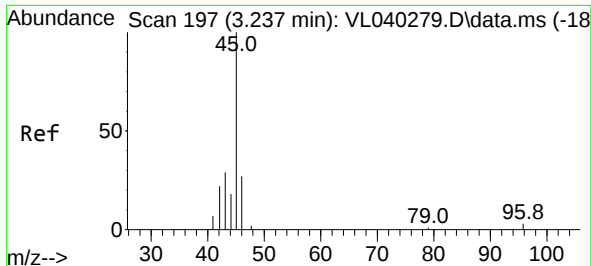


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.940 ppbv
 RT: 4.031 min Scan# 444
 Delta R.T. -0.029 min
 Lab File: VL040318.D
 Acq: 10 Apr 2023 10:15



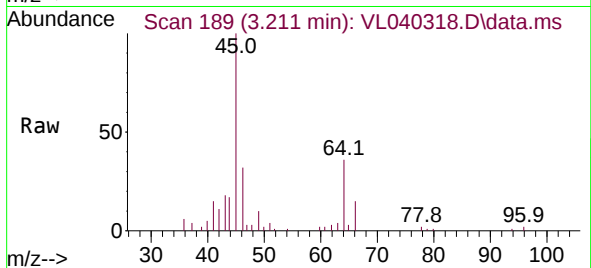
Tgt Ion:101 Resp: 1248647
 Ion Ratio Lower Upper
 101 100
 151 69.1 53.2 79.8





#13
Ethanol
Concen: 8.040 ppbv m
RT: 3.211 min Scan# 11
Delta R.T. -0.026 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

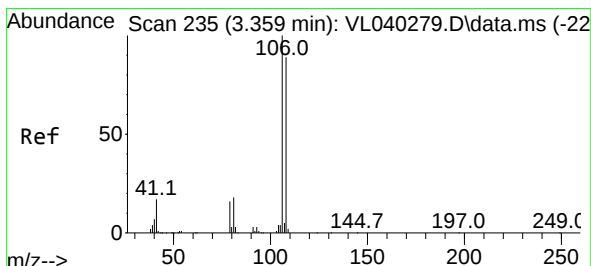
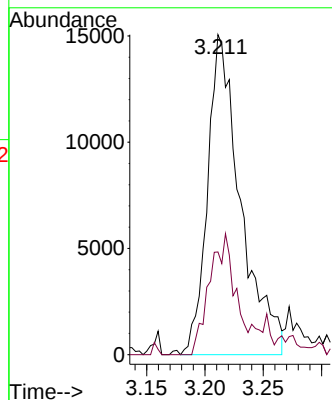
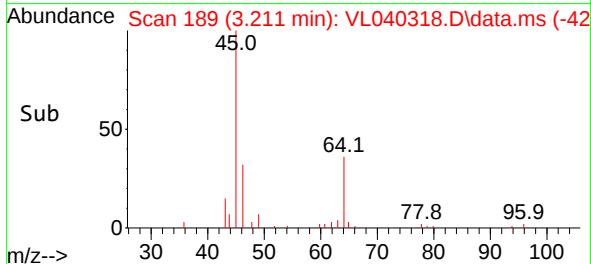
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 45 Resp: 29710
Ion Ratio Lower Upper
45 100
46 38.0 15.0 60.2

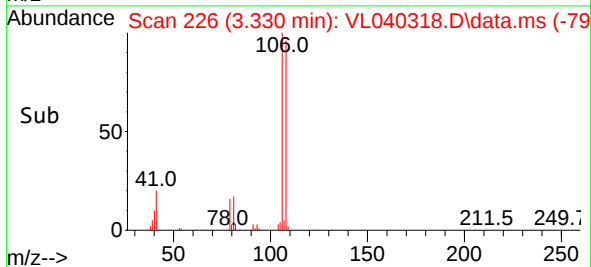
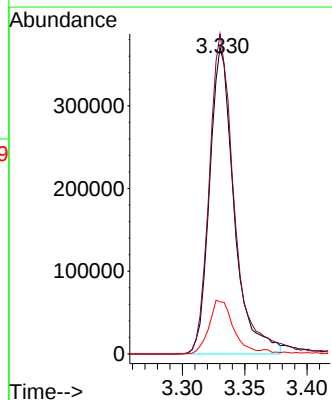
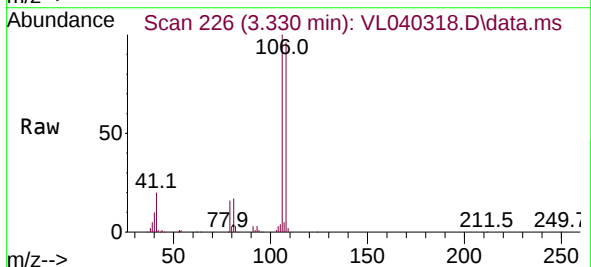
Manual Integrations
APPROVED

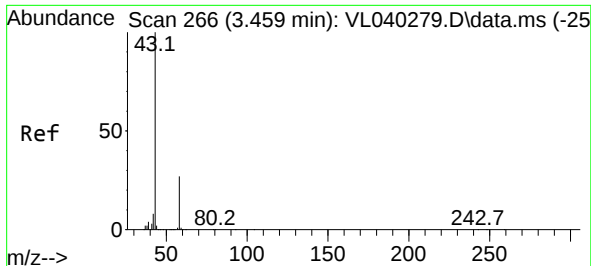
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#14
Bromoethene
Concen: 9.722 ppbv
RT: 3.330 min Scan# 226
Delta R.T. -0.029 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

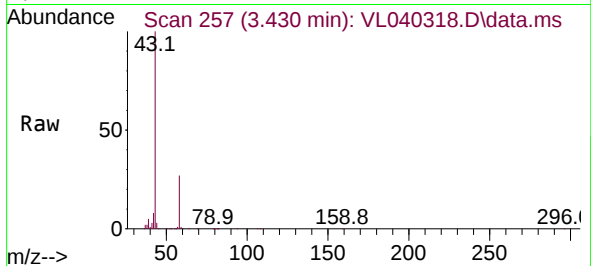
Tgt Ion:108 Resp: 506488
Ion Ratio Lower Upper
108 100
106 109.0 85.8 128.8
79 18.9 15.8 23.6





#15
Acetone
Concen: 8.864 ppbv
RT: 3.430 min Scan# 211
Delta R.T. -0.029 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

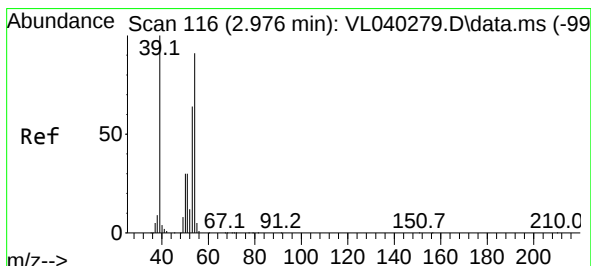
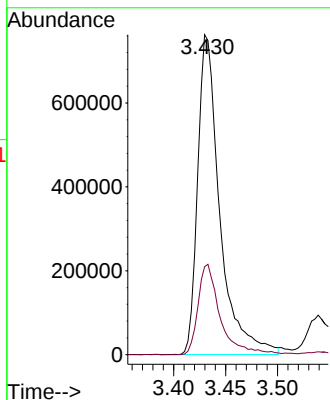
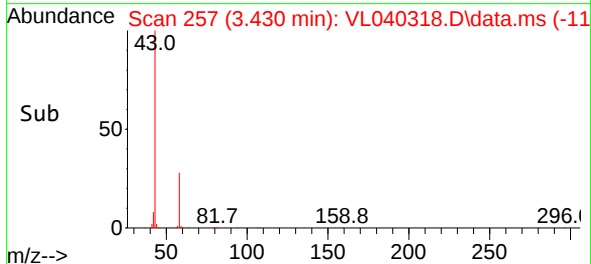
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



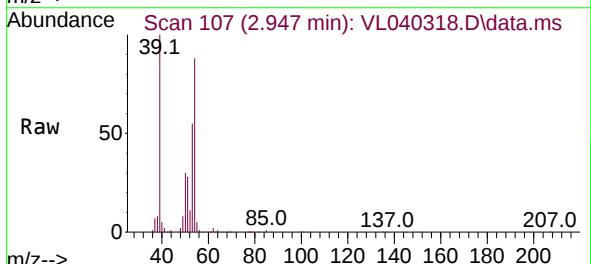
Tgt Ion: 43 Resp: 1128959
Ion Ratio Lower Upper
43 100
58 28.6 21.8 32.8

Manual Integrations
APPROVED

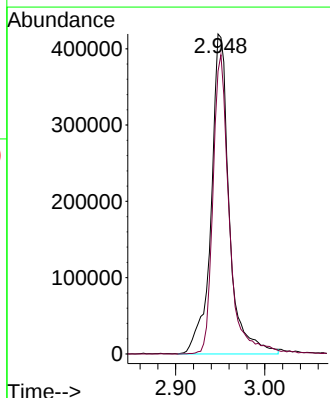
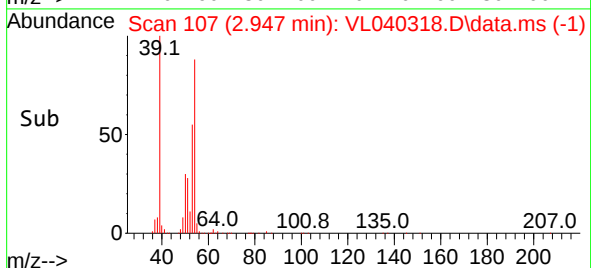
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

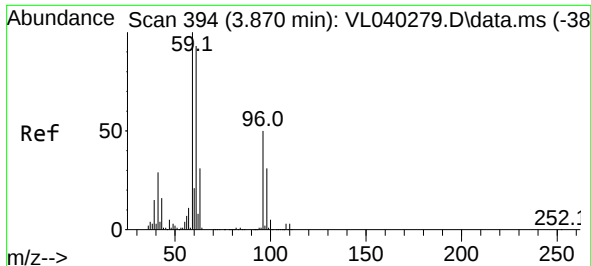


#16
1,3-Butadiene
Concen: 10.260 ppbv
RT: 2.947 min Scan# 107
Delta R.T. -0.029 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15



Tgt Ion: 39 Resp: 593972
Ion Ratio Lower Upper
39 100
54 85.3 68.4 102.6





#17

tert-Butyl alcohol

Concen: 10.518 ppbv

RT: 3.838 min Scan# 384

Delta R.T. -0.032 min

Lab File: VL040318.D

Acq: 10 Apr 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 127315

Ion Ratio Lower Upper

59 100

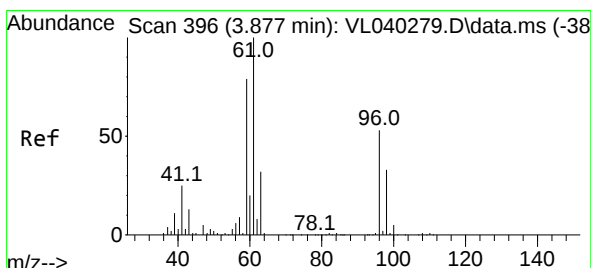
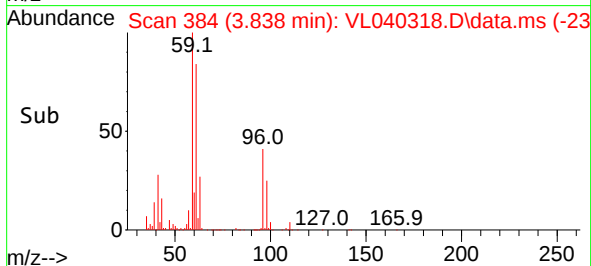
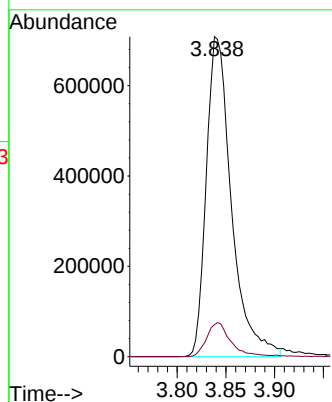
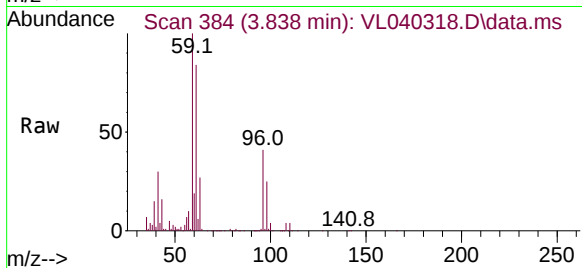
57 10.4 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#18

1,1-Dichloroethene

Concen: 9.431 ppbv

RT: 3.845 min Scan# 386

Delta R.T. -0.032 min

Lab File: VL040318.D

Acq: 10 Apr 2023 10:15

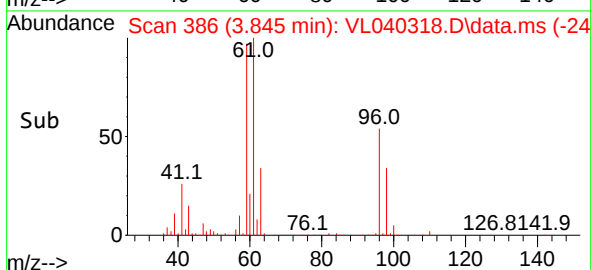
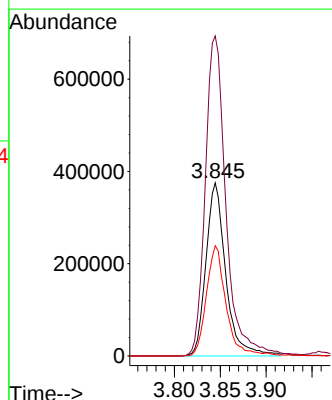
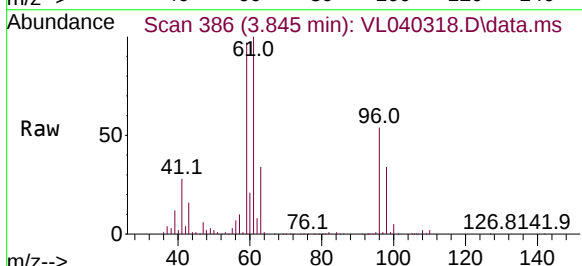
Tgt Ion: 96 Resp: 565053

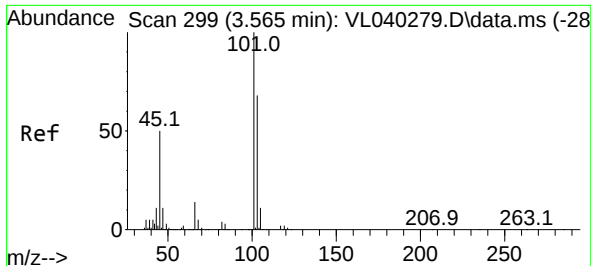
Ion Ratio Lower Upper

96 100

61 184.9 150.6 226.0

98 63.6 50.3 75.5





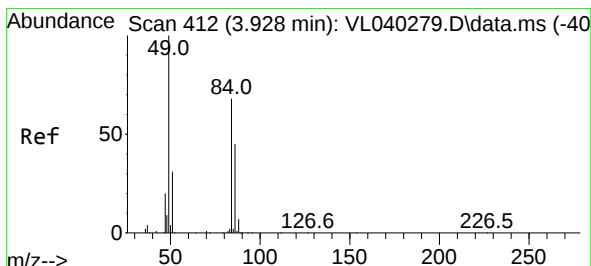
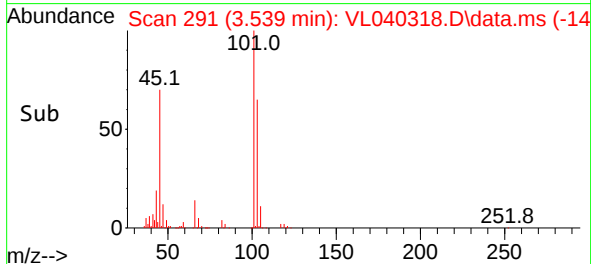
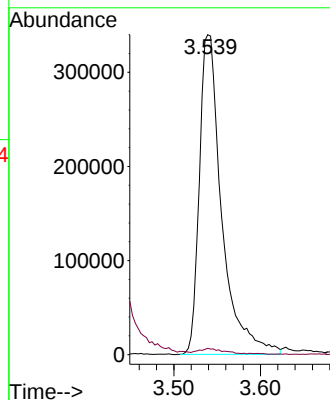
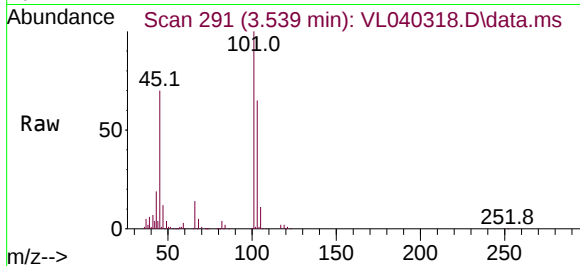
#19
Isopropyl Alcohol
Concen: 9.991 ppbv
RT: 3.539 min Scan# 299
Delta R.T. -0.026 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 609554
Ion Ratio Lower Upper
45 100
58 2.5 2.7 4.1

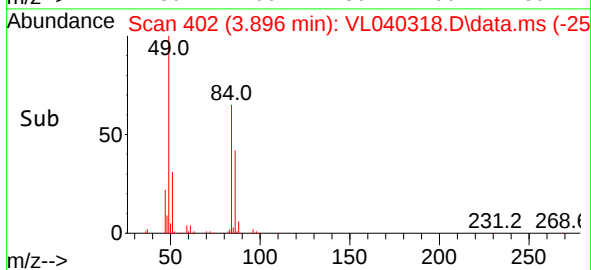
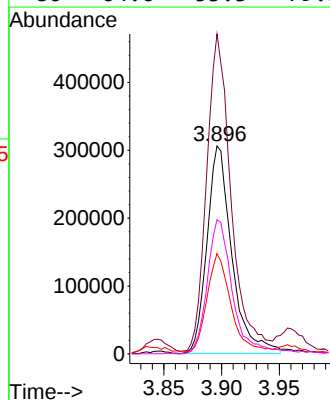
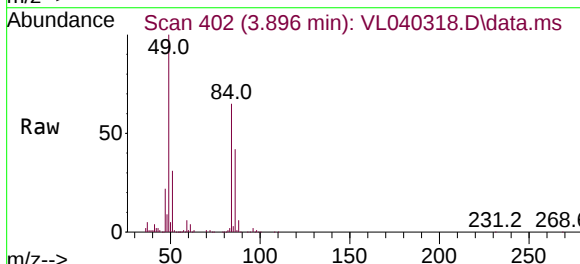
Manual Integrations
APPROVED

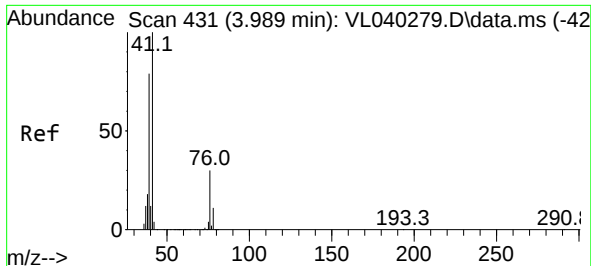
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#20
Methylene Chloride
Concen: 8.563 ppbv
RT: 3.896 min Scan# 402
Delta R.T. -0.032 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

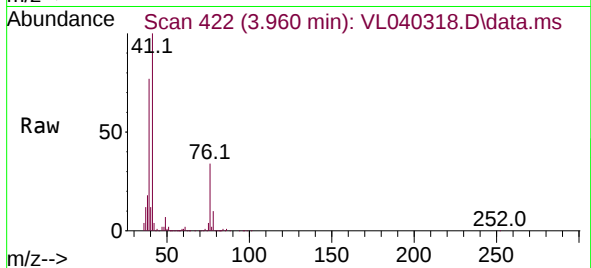
Tgt Ion: 84 Resp: 458794
Ion Ratio Lower Upper
84 100
49 152.8 117.5 176.3
51 47.0 36.9 55.3
86 64.6 53.3 79.9





#21
 Allyl Chloride
 Concen: 9.979 ppbv
 RT: 3.960 min Scan# 41
 Delta R.T. -0.029 min
 Lab File: VL040318.D
 Acq: 10 Apr 2023 10:15

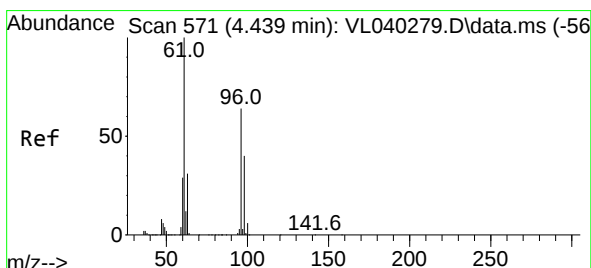
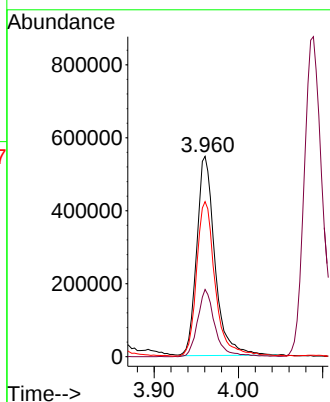
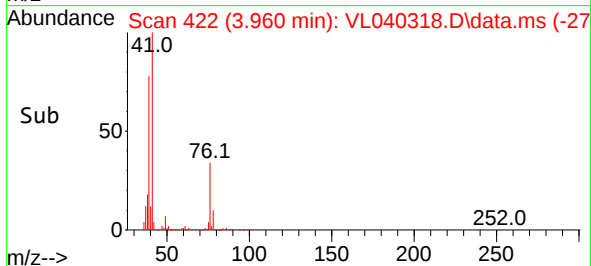
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 823240
 Ion Ratio Lower Upper
 41 100
 76 32.4 25.4 38.0
 39 79.6 65.4 98.2

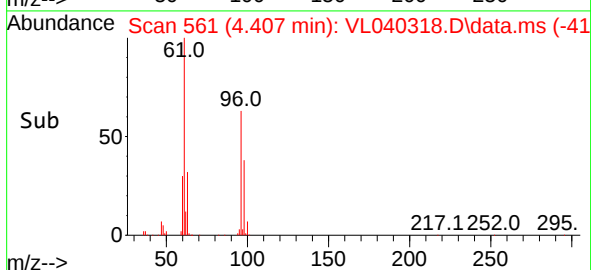
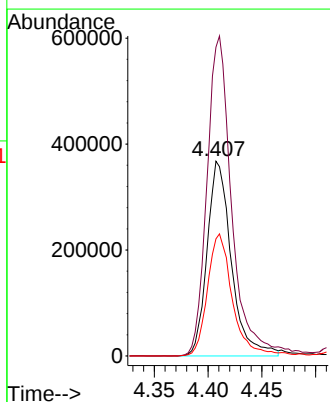
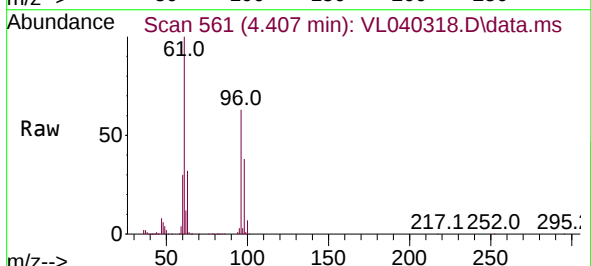
Manual Integrations
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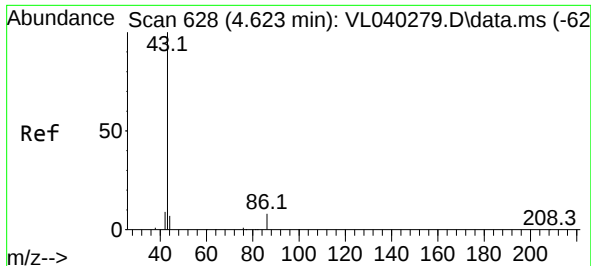
Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023



#22
 trans-1,2-Dichloroethene
 Concen: 9.492 ppbv
 RT: 4.407 min Scan# 561
 Delta R.T. -0.032 min
 Lab File: VL040318.D
 Acq: 10 Apr 2023 10:15

Tgt Ion: 96 Resp: 578844
 Ion Ratio Lower Upper
 96 100
 61 158.6 125.4 188.2
 98 60.2 49.8 74.6





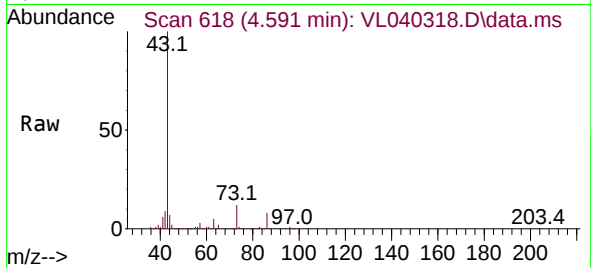
#23
 Vinyl Acetate
 Concen: 10.419 ppbv
 RT: 4.591 min Scan# 61
 Delta R.T. -0.032 min
 Lab File: VL040318.D
 Acq: 10 Apr 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

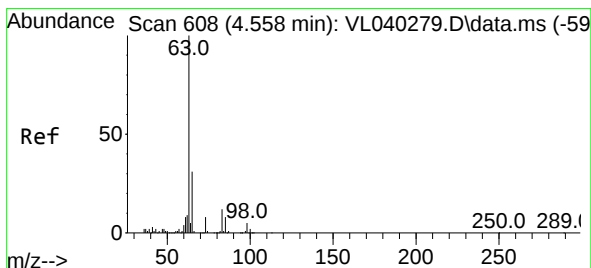
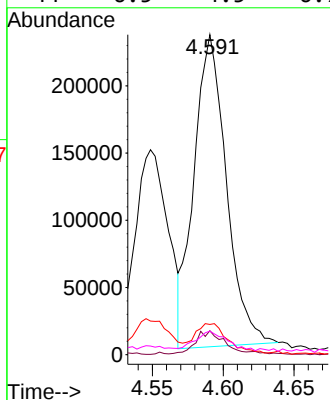
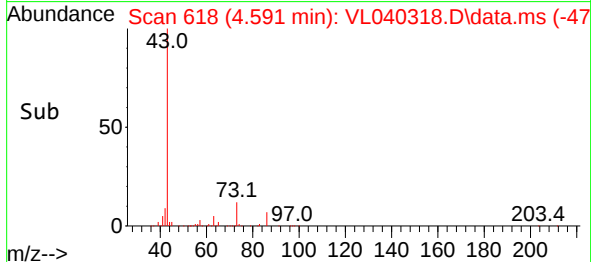


Tgt Ion: 43 Resp: 369162
 Ion Ratio Lower Upper
 43 100
 86 7.4 5.0 7.4
 42 8.6 9.1 13.7
 44 6.5 4.5 6.7

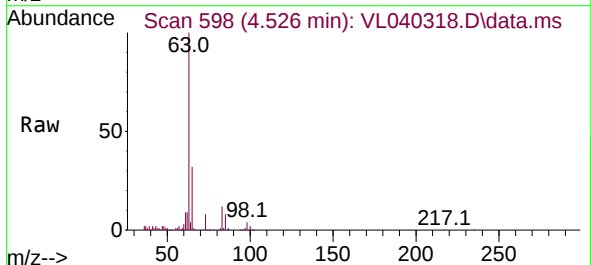
Manual Integrations

APPROVED

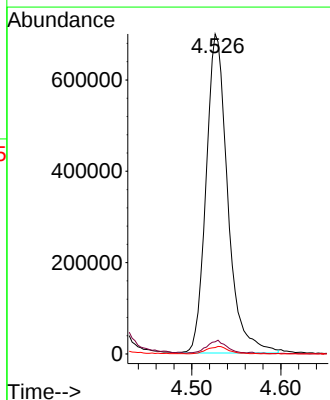
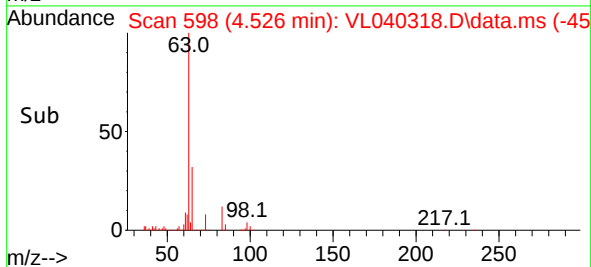
Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023

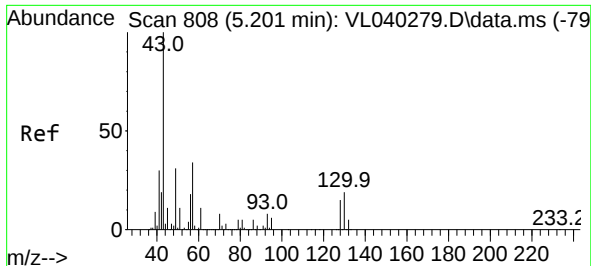


#24
 1,1-Dichloroethane
 Concen: 9.305 ppbv
 RT: 4.526 min Scan# 598
 Delta R.T. -0.032 min
 Lab File: VL040318.D
 Acq: 10 Apr 2023 10:15



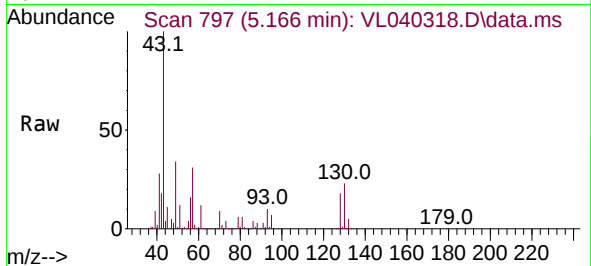
Tgt Ion: 63 Resp: 1175998
 Ion Ratio Lower Upper
 63 100
 98 3.6 2.4 7.2
 100 1.9 1.2 3.6





#25
Ethyl Acetate
Concen: 9.688 ppbv
RT: 5.166 min Scan# 79
Delta R.T. -0.035 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

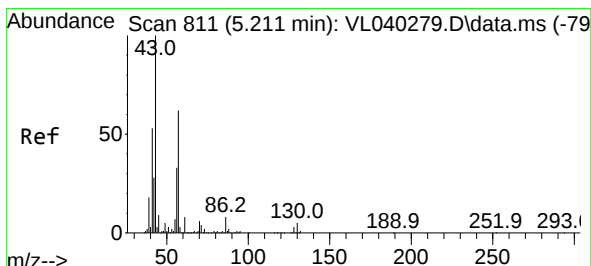
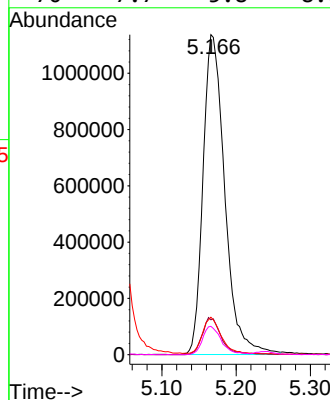
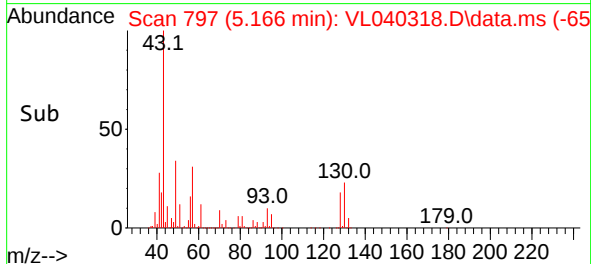
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



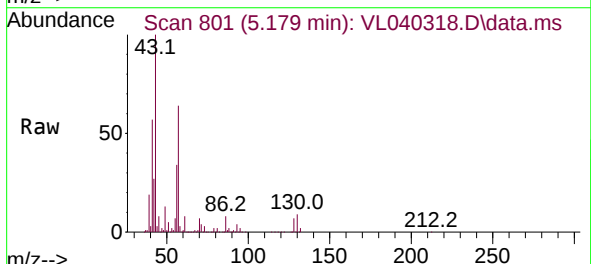
Tgt Ion: 43 Resp: 231010
Ion Ratio Lower Upper
43 100
45 10.4 8.6 12.8
61 10.6 8.4 12.6
70 7.7 5.8 8.6

Manual Integrations
APPROVED

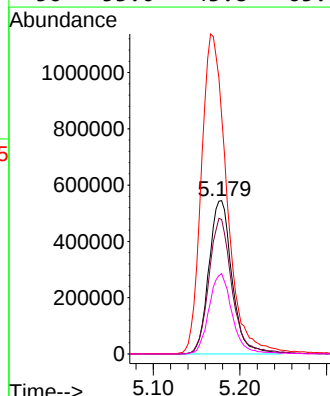
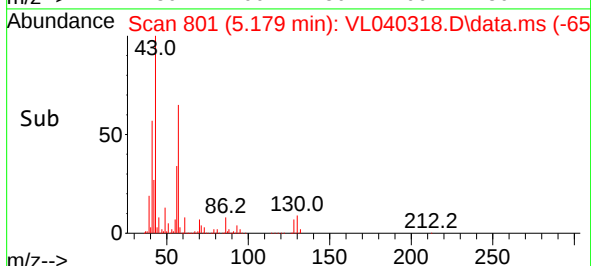
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

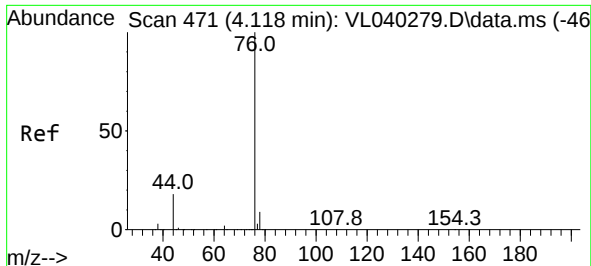


#26
Hexane
Concen: 10.294 ppbv
RT: 5.179 min Scan# 801
Delta R.T. -0.032 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15



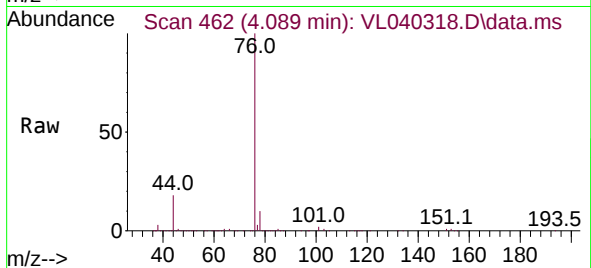
Tgt Ion: 57 Resp: 1007490
Ion Ratio Lower Upper
57 100
41 89.9 73.5 110.3
43 230.9 196.3 294.5
56 53.0 43.8 65.8





#27
Carbon Disulfide
Concen: 10.325 ppbv
RT: 4.089 min Scan# 40
Delta R.T. -0.029 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

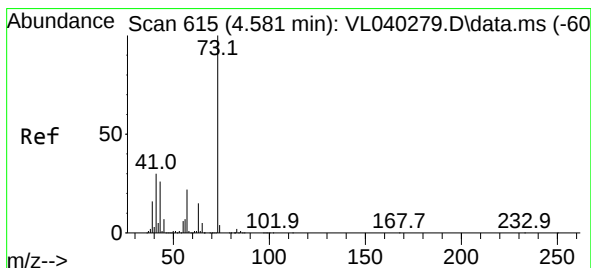
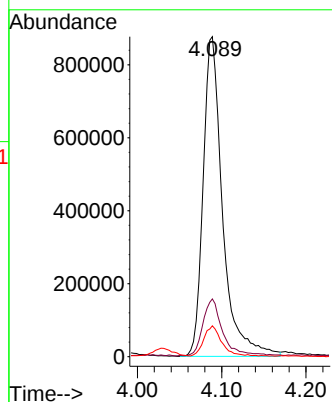
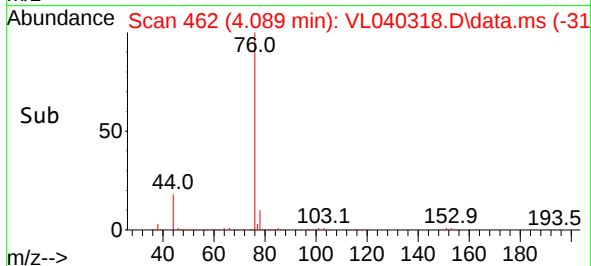
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 141144
Ion Ratio Lower Upper
76 100
44 18.4 15.2 22.8
78 9.4 7.6 11.4

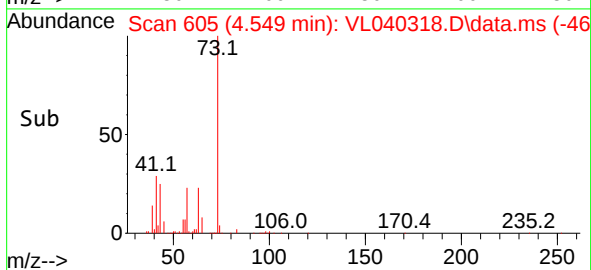
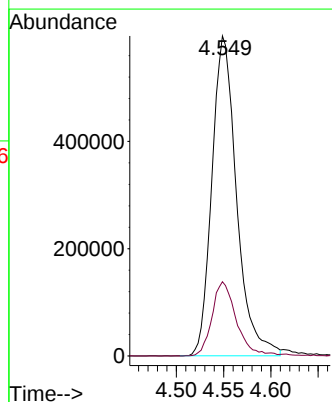
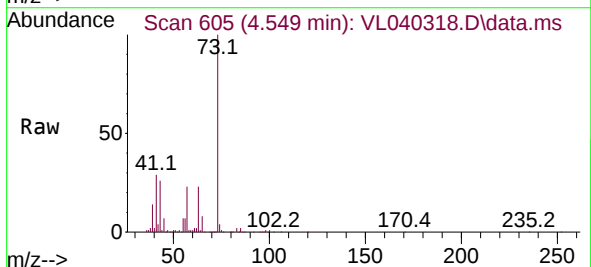
Manual Integrations
APPROVED

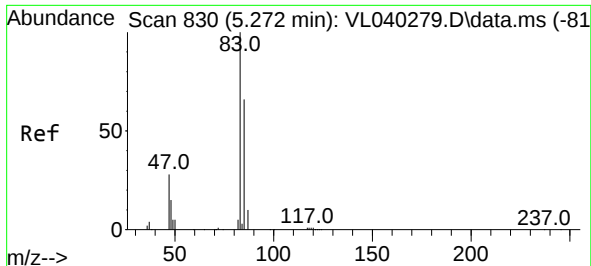
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#28
Methyl tert-Butyl Ether
Concen: 9.649 ppbv
RT: 4.549 min Scan# 605
Delta R.T. -0.032 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

Tgt Ion: 73 Resp: 1084320
Ion Ratio Lower Upper
73 100
57 23.2 18.4 27.6





#29

Chloroform

Concen: 9.752 ppbv

RT: 5.237 min Scan# 81

Delta R.T. -0.035 min

Lab File: VL040318.D

Acq: 10 Apr 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 168549

Ion Ratio Lower Upper

83 100

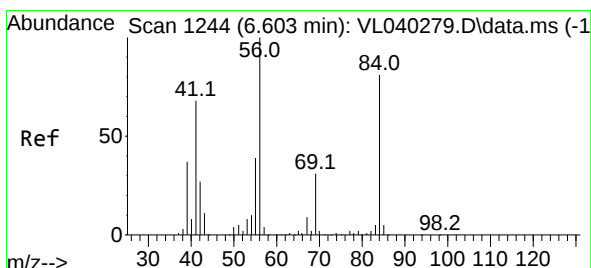
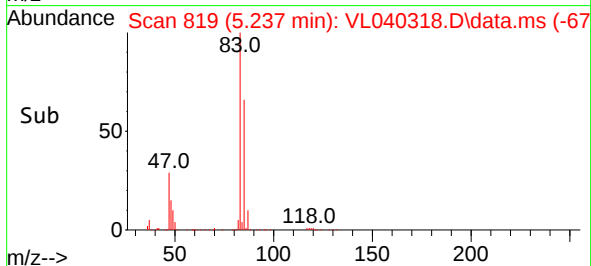
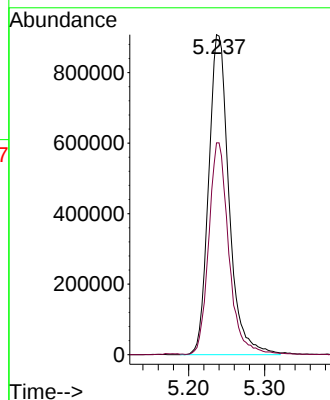
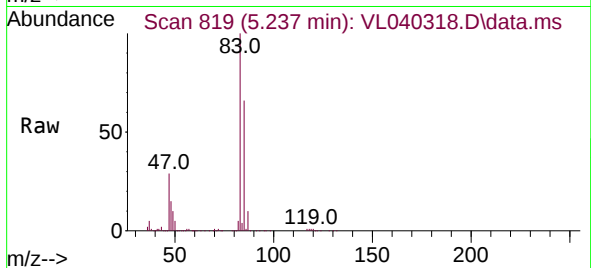
85 66.1 52.8 79.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#30

Cyclohexane

Concen: 10.931 ppbv

RT: 6.568 min Scan# 1233

Delta R.T. -0.035 min

Lab File: VL040318.D

Acq: 10 Apr 2023 10:15

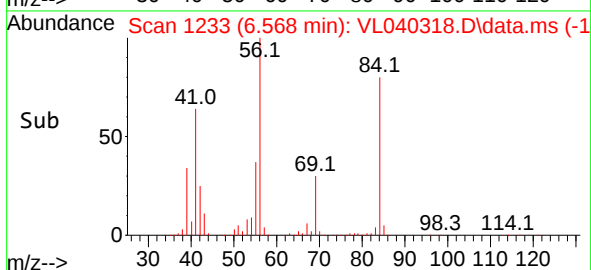
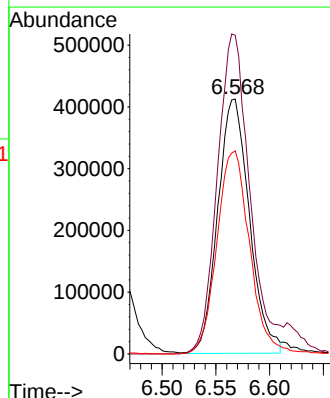
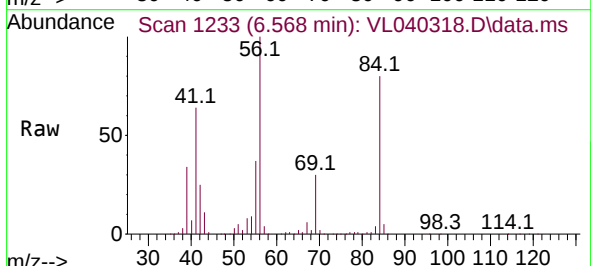
Tgt Ion: 84 Resp: 843029

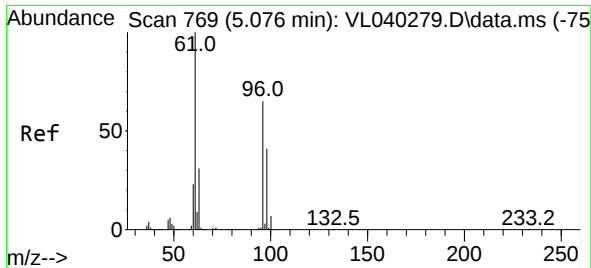
Ion Ratio Lower Upper

84 100

56 136.3 109.0 163.4

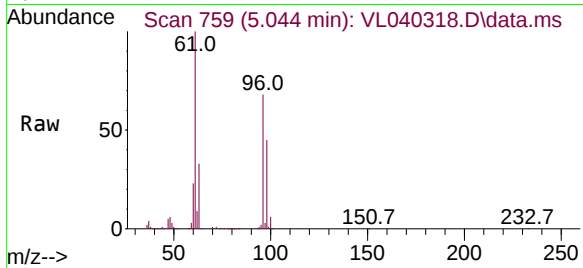
41 82.9 67.9 101.9





#31
cis-1,2-Dichloroethene
Concen: 9.827 ppbv
RT: 5.044 min Scan# 71
Delta R.T. -0.032 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

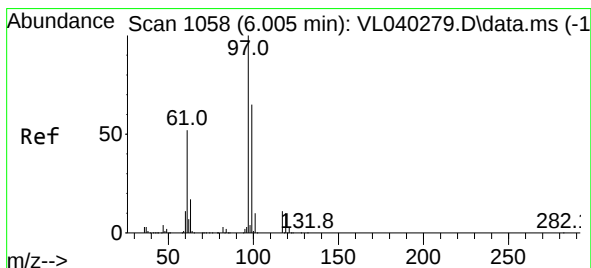
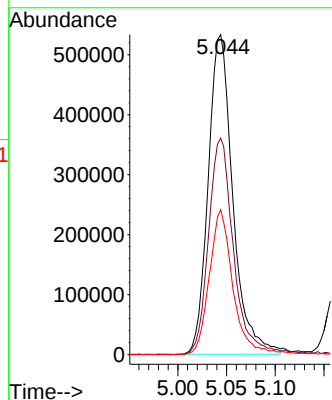
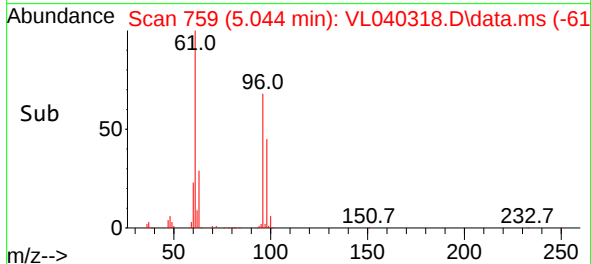
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



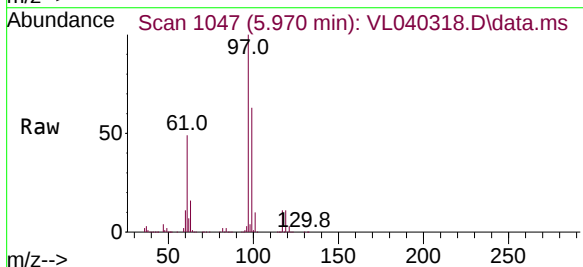
Tgt Ion: 61 Resp: 93667
Ion Ratio Lower Upper
61 100
96 67.7 51.8 77.8
98 45.2 32.5 48.7

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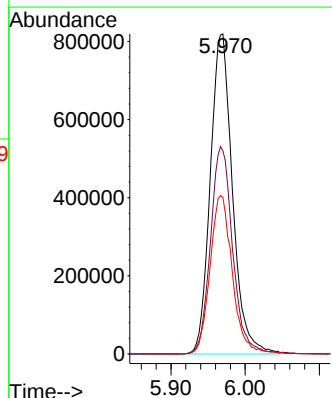
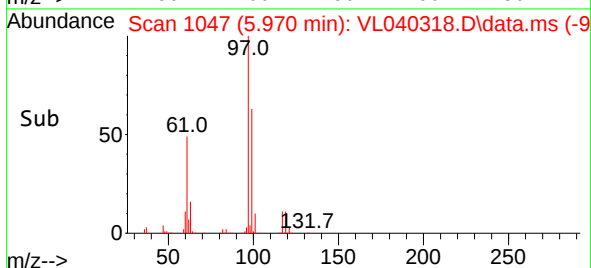
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

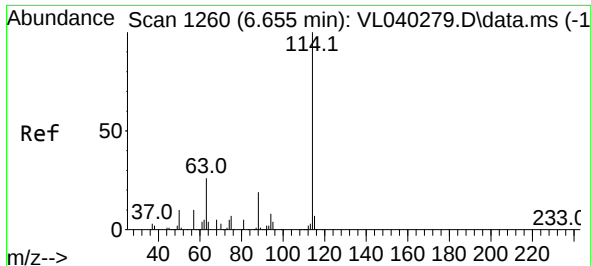


#32
1,1,1-Trichloroethane
Concen: 10.271 ppbv
RT: 5.970 min Scan# 1047
Delta R.T. -0.035 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15



Tgt Ion: 97 Resp: 1700677
Ion Ratio Lower Upper
97 100
99 64.8 52.2 78.2
61 49.9 41.4 62.2





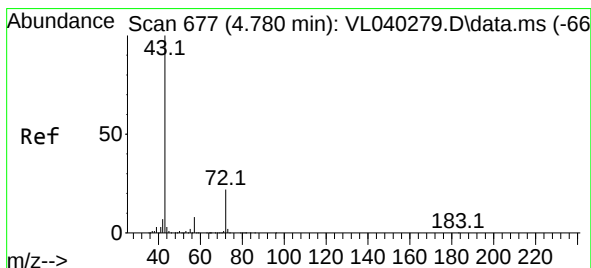
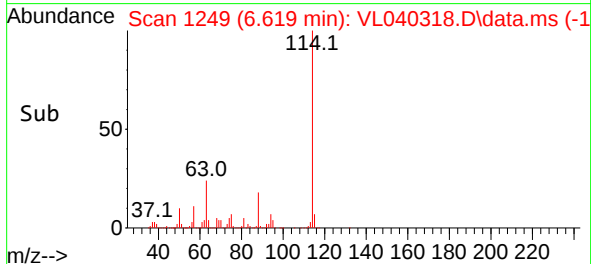
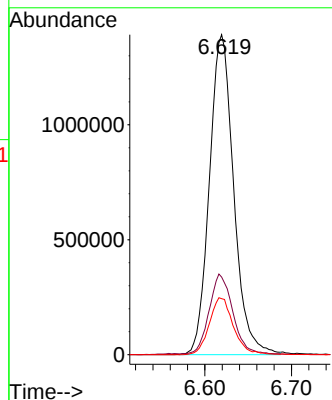
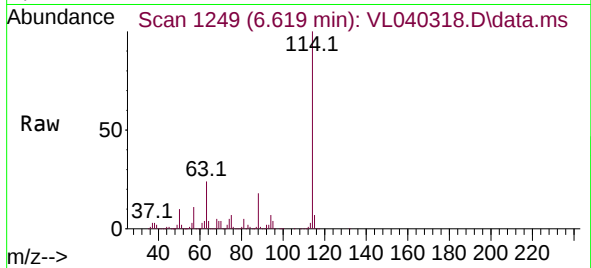
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.619 min Scan# 114
Delta R.T. -0.036 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 114 Resp: 271269
Ion Ratio Lower Upper
114 100
63 25.3 21.2 31.8
88 17.8 14.5 21.7

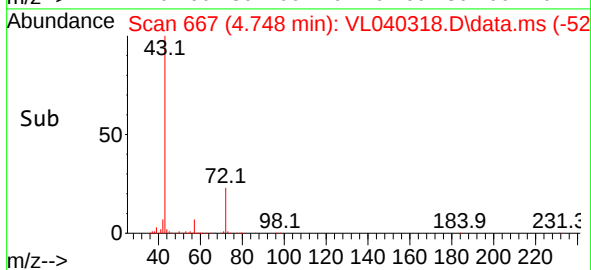
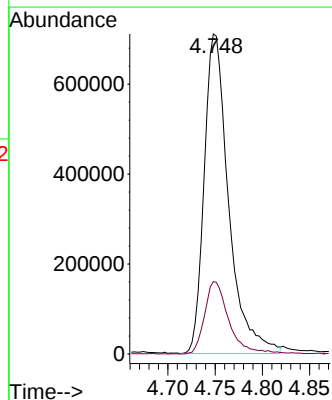
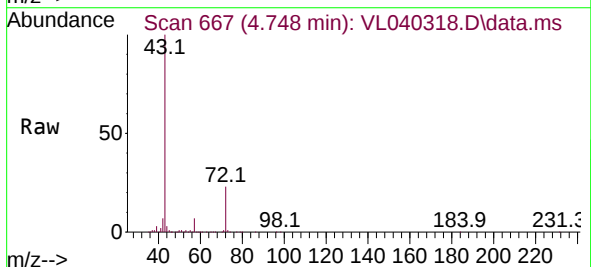
Manual Integrations
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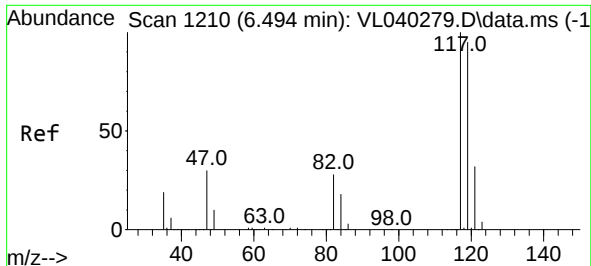
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#34
2-Butanone
Concen: 9.565 ppbv
RT: 4.748 min Scan# 667
Delta R.T. -0.032 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

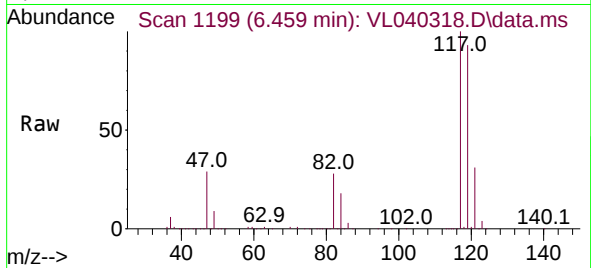
Tgt Ion: 43 Resp: 1280599
Ion Ratio Lower Upper
43 100
72 22.9 18.3 27.5





#35
Carbon Tetrachloride
Concen: 10.293 ppbv
RT: 6.459 min Scan# 1119
Delta R.T. -0.035 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

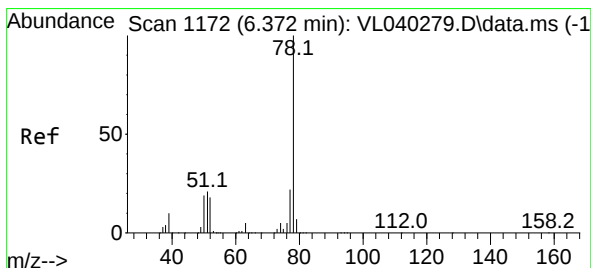
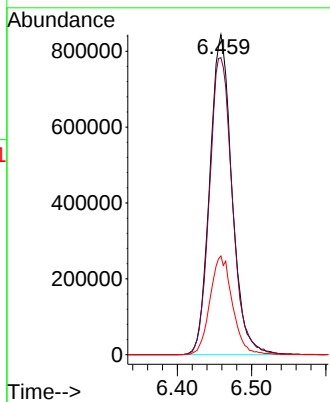
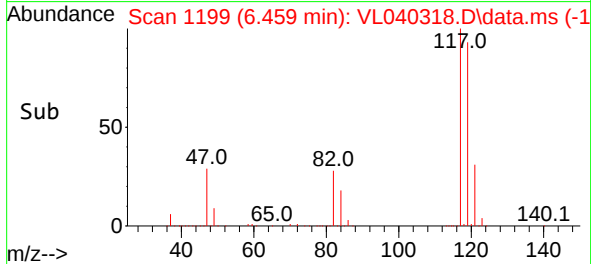
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 175215
Ion Ratio Lower Upper
117 100
119 92.8 76.4 114.6
121 30.8 25.6 38.4

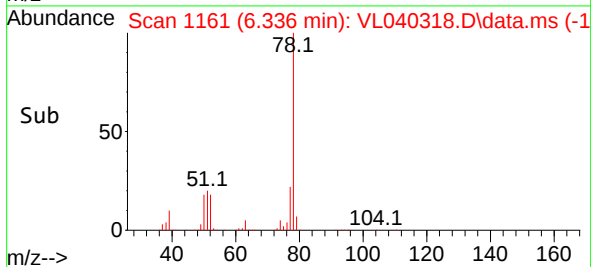
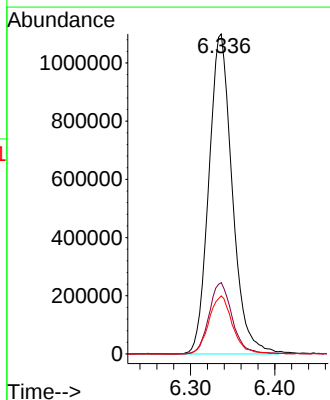
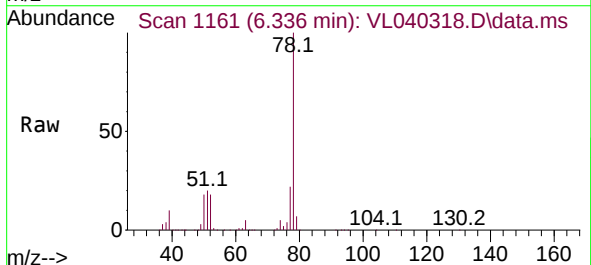
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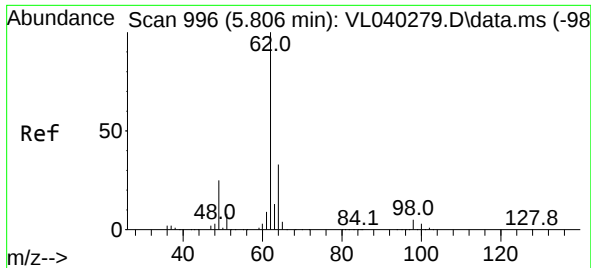
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#36
Benzene
Concen: 10.259 ppbv
RT: 6.336 min Scan# 1161
Delta R.T. -0.036 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

Tgt Ion: 78 Resp: 2120793
Ion Ratio Lower Upper
78 100
77 22.3 17.8 26.8
50 18.1 15.4 23.2





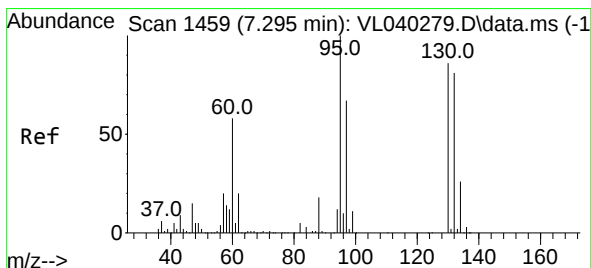
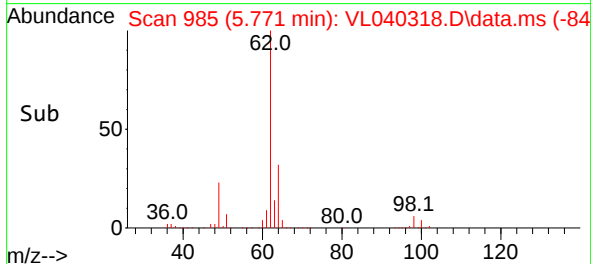
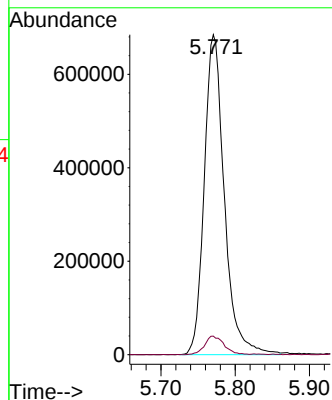
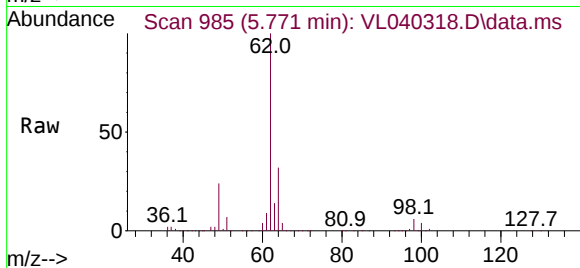
#37
1,2-Dichloroethane
Concen: 9.550 ppbv
RT: 5.771 min Scan# 91
Delta R.T. -0.035 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 128500
Ion Ratio Lower Upper
62 100
98 5.9 4.3 6.5

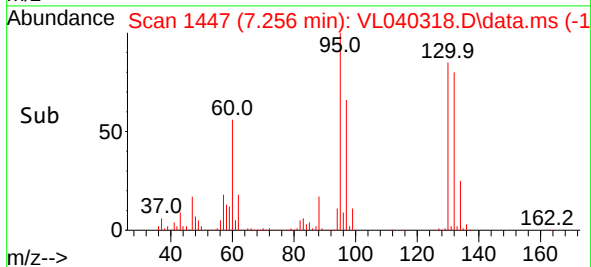
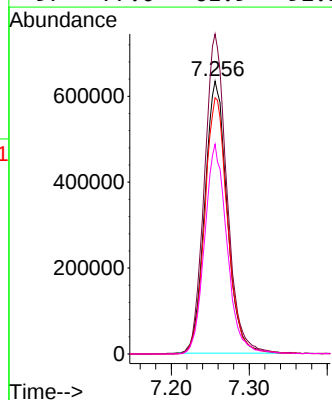
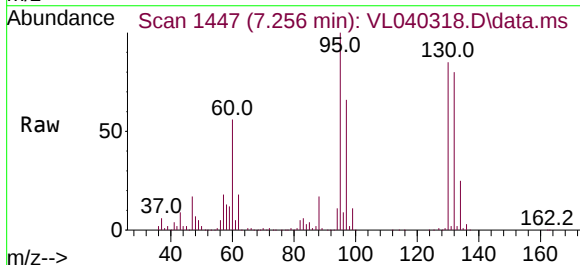
Manual Integrations
APPROVED

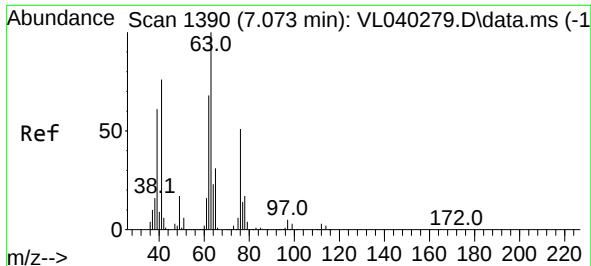
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#38
Trichloroethene
Concen: 11.144 ppbv
RT: 7.256 min Scan# 1447
Delta R.T. -0.039 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

Tgt Ion:130 Resp: 1258887
Ion Ratio Lower Upper
130 100
95 117.4 93.0 139.4
132 94.1 75.3 112.9
97 77.0 61.9 92.9





#39

1,2-Dichloropropane

Concen: 9.915 ppbv

RT: 7.037 min Scan# 1

Delta R.T. -0.036 min

Lab File: VL040318.D

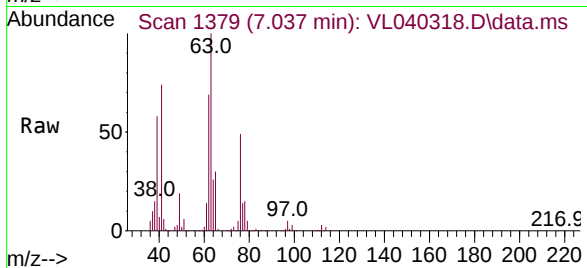
Acq: 10 Apr 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



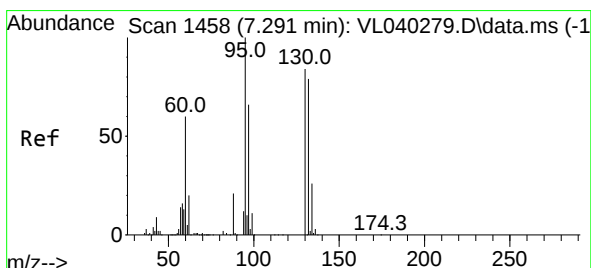
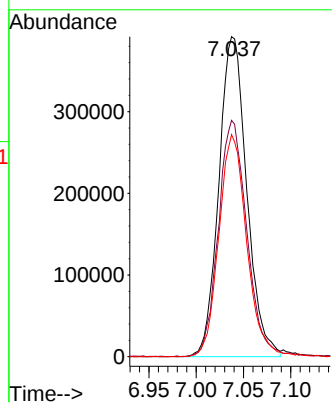
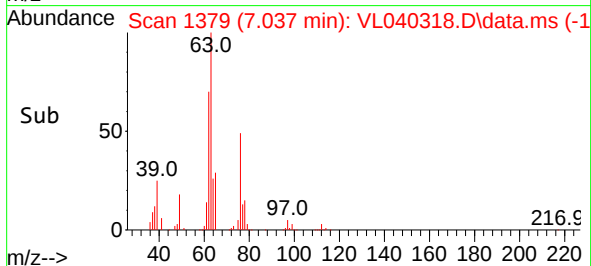
Tgt Ion: 63 Resp: 80419

Ion	Ratio	Lower	Upper
63	100		
41	73.8	60.8	91.2
62	69.3	54.1	81.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#40

1,4-Dioxane

Concen: 10.051 ppbv m

RT: 7.250 min Scan# 1445

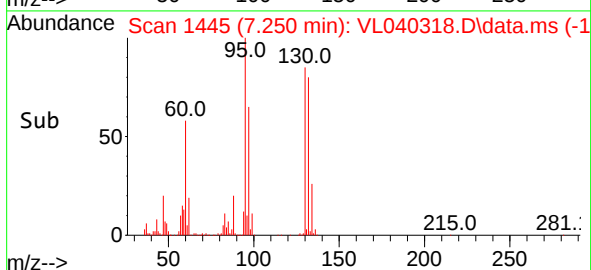
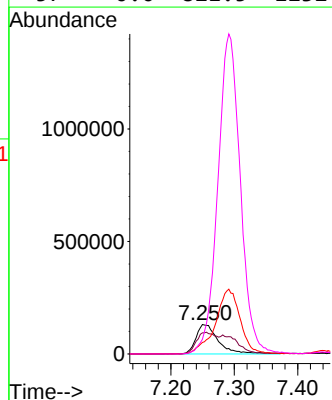
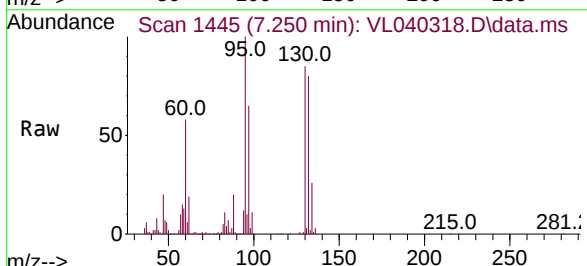
Delta R.T. -0.041 min

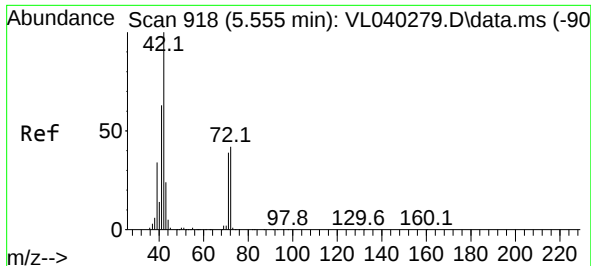
Lab File: VL040318.D

Acq: 10 Apr 2023 10:15

Tgt Ion: 88 Resp: 322493

Ion	Ratio	Lower	Upper
88	100		
58	118.7	96.0	144.0
43	0.0	187.6	281.4#
57	0.0	821.5	1232.3#





#41

Tetrahydrofuran

Concen: 10.167 ppbv

RT: 5.520 min Scan# 90

Delta R.T. -0.035 min

Lab File: VL040318.D

Acq: 10 Apr 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 42 Resp: 78558

Ion Ratio Lower Upper

42 100

72 41.1 32.6 49.0

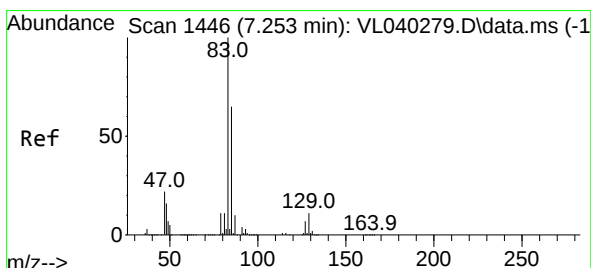
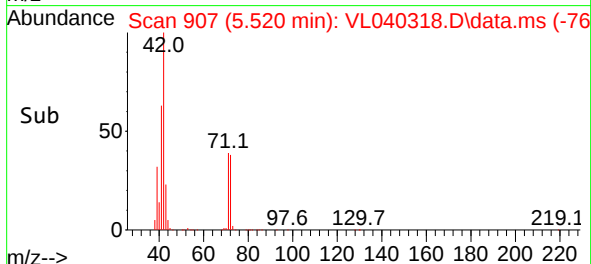
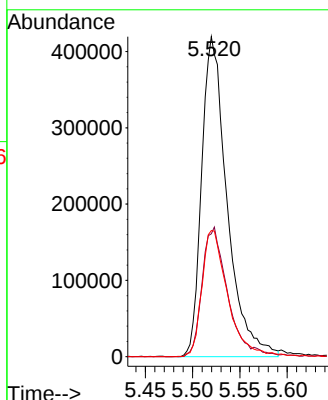
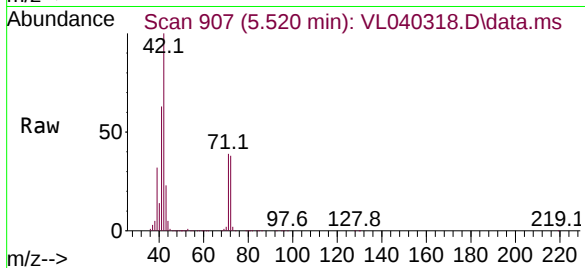
71 40.4 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#42

Bromodichloromethane

Concen: 9.920 ppbv

RT: 7.214 min Scan# 1434

Delta R.T. -0.039 min

Lab File: VL040318.D

Acq: 10 Apr 2023 10:15

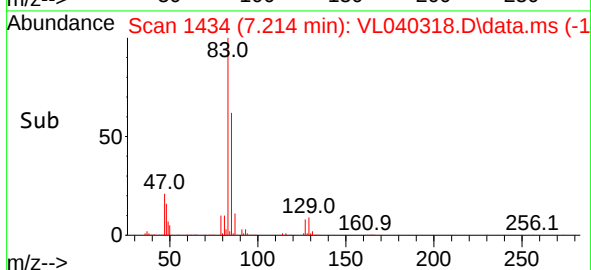
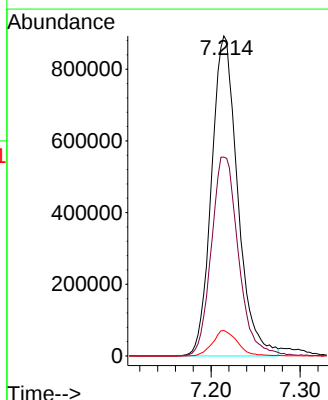
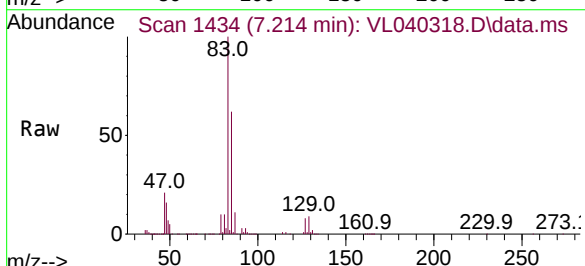
Tgt Ion: 83 Resp: 1823927

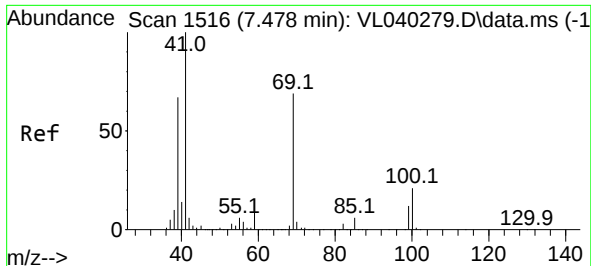
Ion Ratio Lower Upper

83 100

85 62.2 52.1 78.1

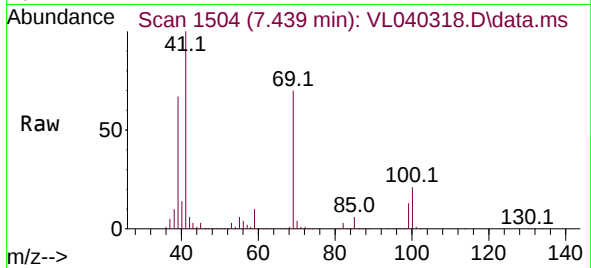
127 8.0 5.8 8.6





#43
Methyl Methacrylate
Concen: 10.748 ppbv
RT: 7.439 min Scan# 1458
Delta R.T. -0.039 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

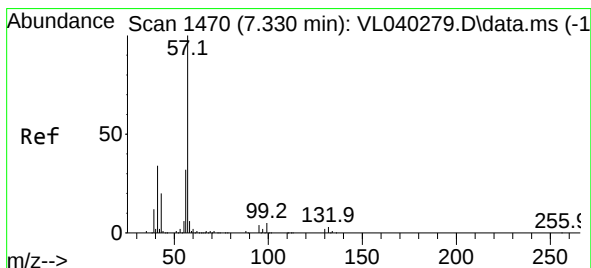
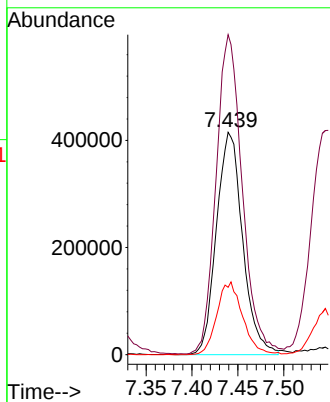
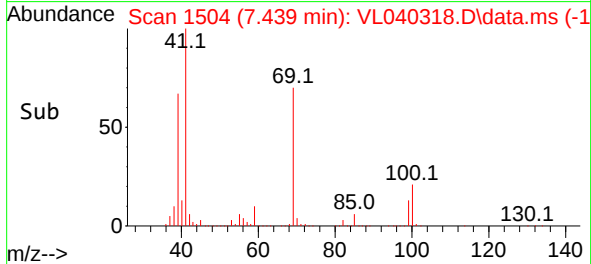
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



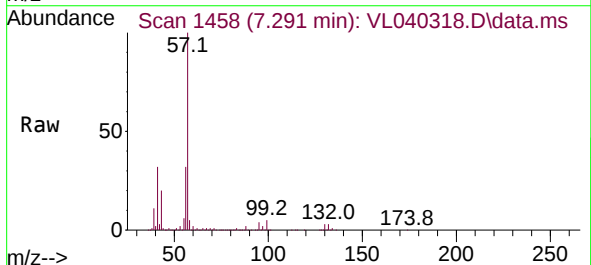
Tgt Ion: 69 Resp: 825735
Ion Ratio Lower Upper
69 100
41 144.4 116.9 175.3
100 32.2 24.2 36.4

Manual Integrations
APPROVED

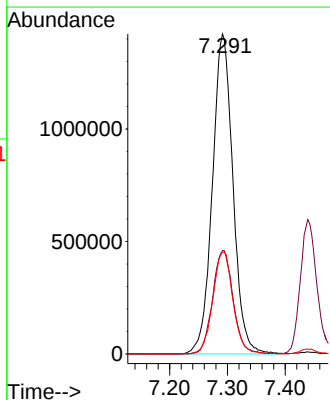
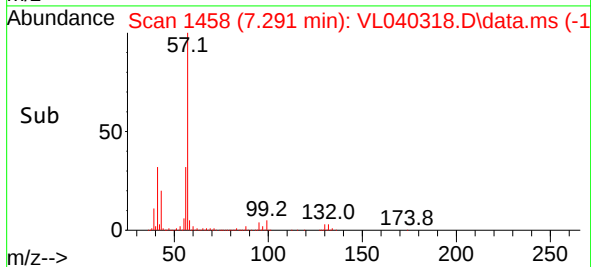
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

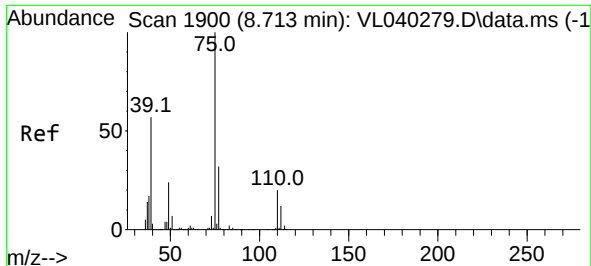


#44
2,2,4-Trimethylpentane
Concen: 10.198 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. -0.039 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15



Tgt Ion: 57 Resp: 3514895
Ion Ratio Lower Upper
57 100
41 32.3 26.8 40.2
56 31.4 25.0 37.6





#45

t-1,3-Dichloropropene

Concen: 11.656 ppbv

RT: 8.674 min Scan# 11

Delta R.T. -0.039 min

Lab File: VL040318.D

Acq: 10 Apr 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 75 Resp: 78061

Ion Ratio Lower Upper

75 100

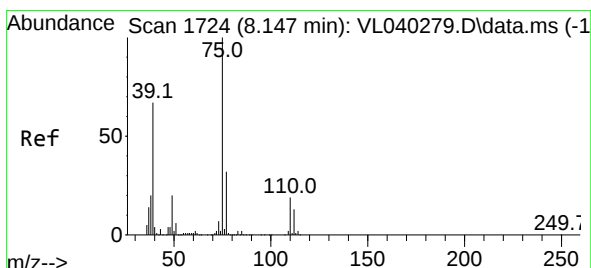
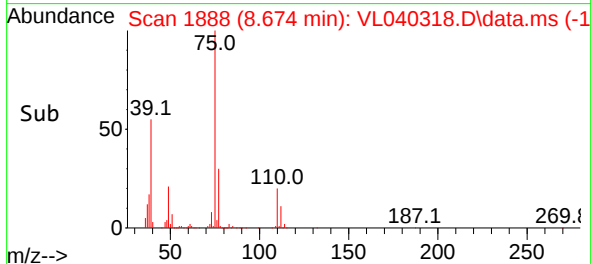
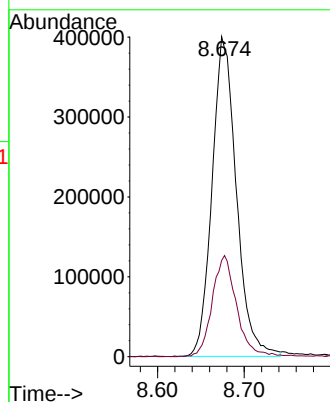
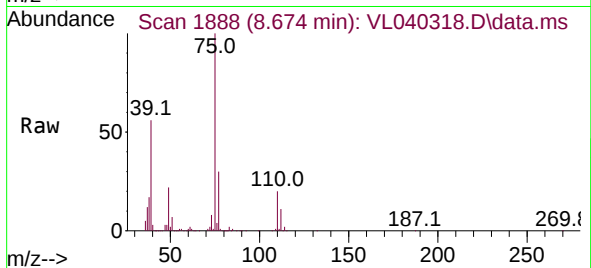
77 30.0 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#46

cis-1,3-Dichloropropene

Concen: 11.301 ppbv

RT: 8.108 min Scan# 1712

Delta R.T. -0.039 min

Lab File: VL040318.D

Acq: 10 Apr 2023 10:15

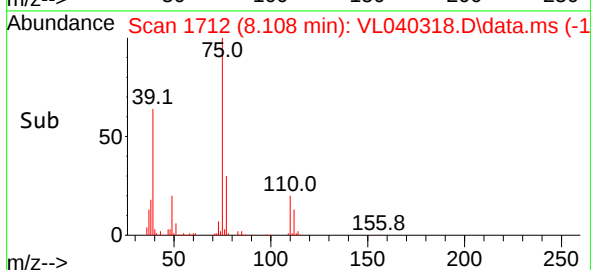
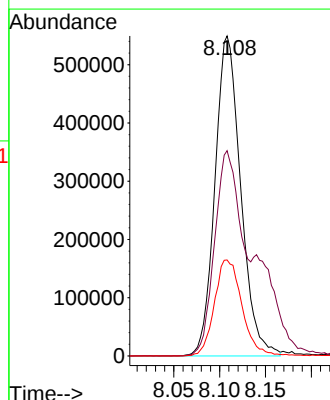
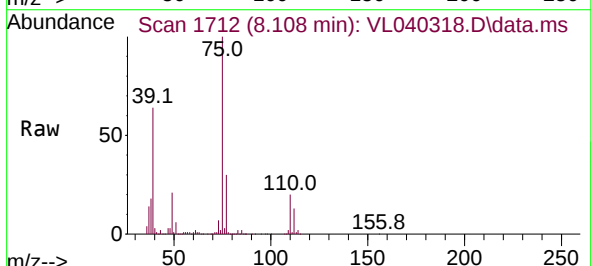
Tgt Ion: 75 Resp: 1074724

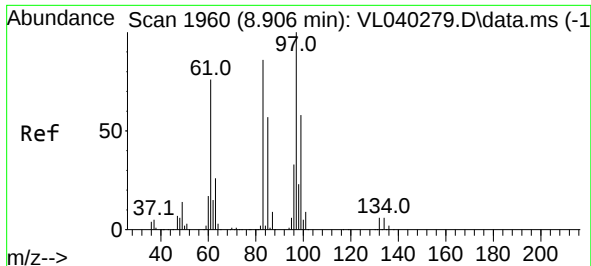
Ion Ratio Lower Upper

75 100

39 64.1 53.9 80.9

77 30.0 25.3 37.9





#47

1,1,2-Trichloroethane

Concen: 10.022 ppbv

RT: 8.864 min Scan# 1960

Delta R.T. -0.042 min

Lab File: VL040318.D

Acq: 10 Apr 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 867294

Ion Ratio Lower Upper

97 100

83 86.4 68.6 103.0

85 56.1 46.0 69.0

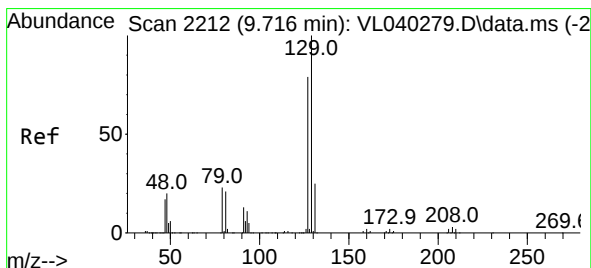
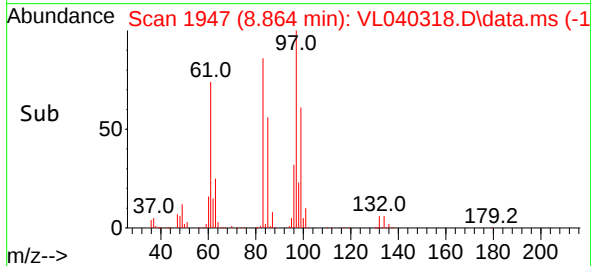
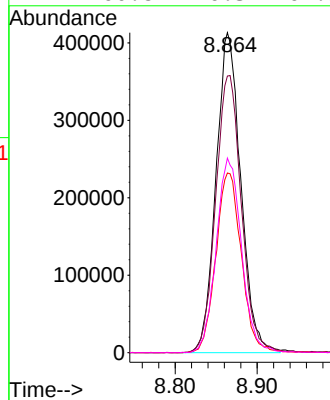
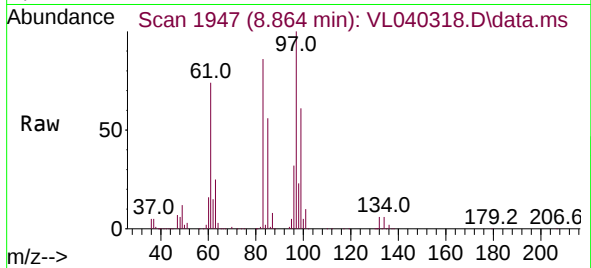
99 60.8 46.3 69.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#48

Dibromochloromethane

Concen: 10.103 ppbv

RT: 9.677 min Scan# 2200

Delta R.T. -0.039 min

Lab File: VL040318.D

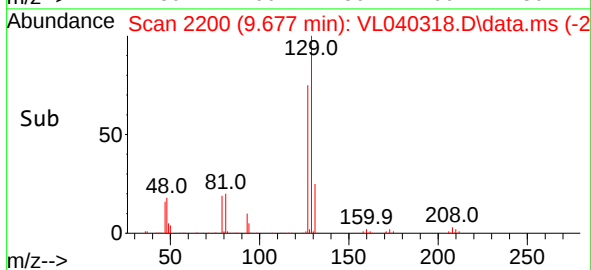
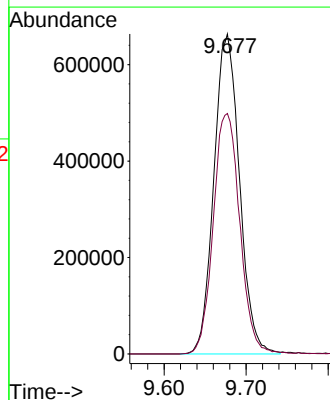
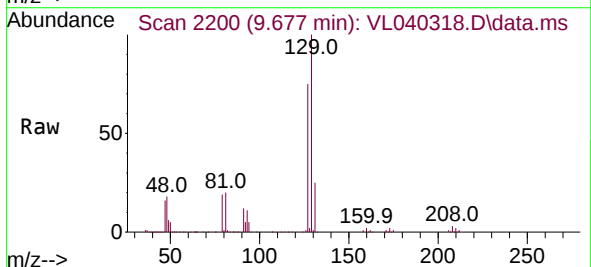
Acq: 10 Apr 2023 10:15

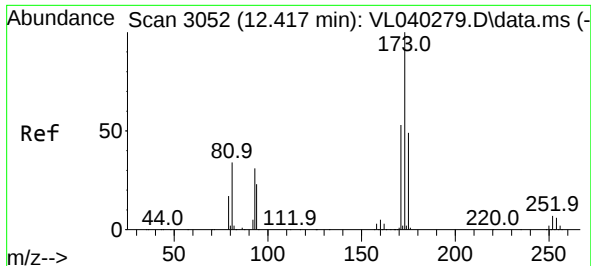
Tgt Ion:129 Resp: 1438856

Ion Ratio Lower Upper

129 100

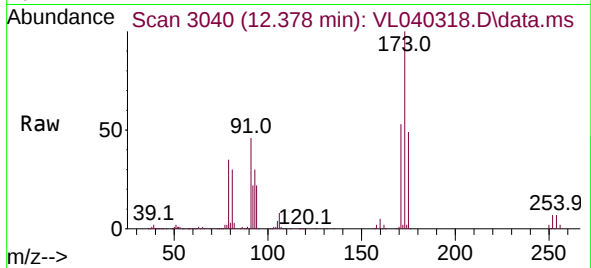
127 78.3 39.1 117.5





#49
Bromoform
Concen: 10.041 ppbv
RT: 12.378 min Scan# 3052
Delta R.T. -0.039 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

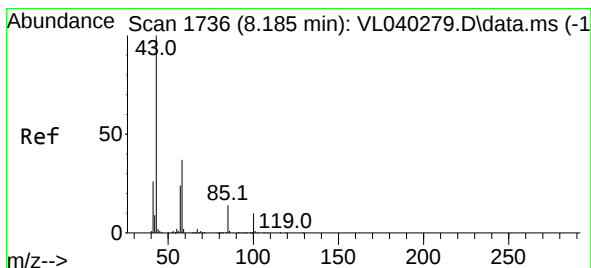
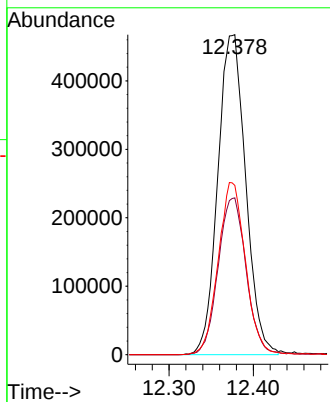
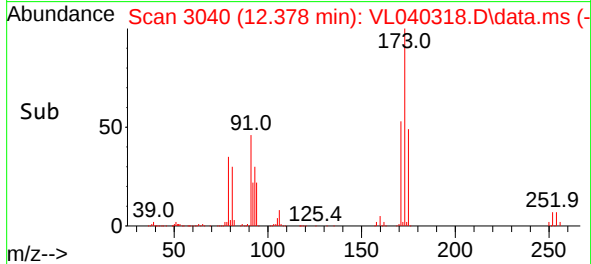
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 173 Resp: 1073994
Ion Ratio Lower Upper
173 100
175 49.6 39.8 59.8
171 52.7 42.2 63.4

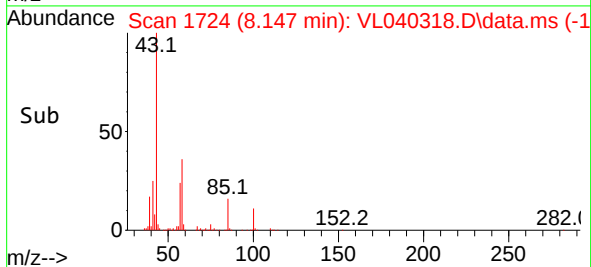
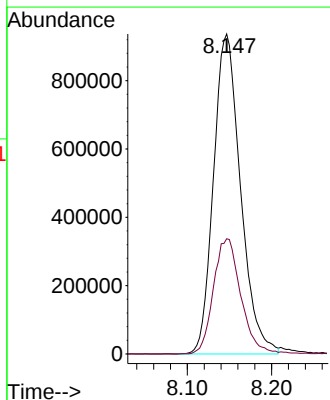
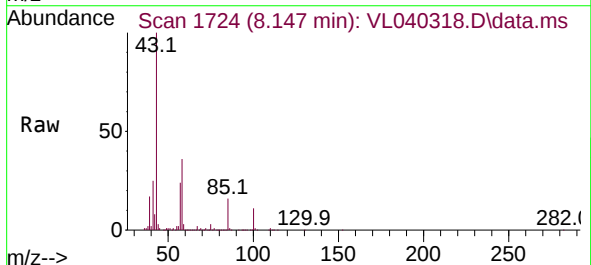
Manual Integrations
APPROVED

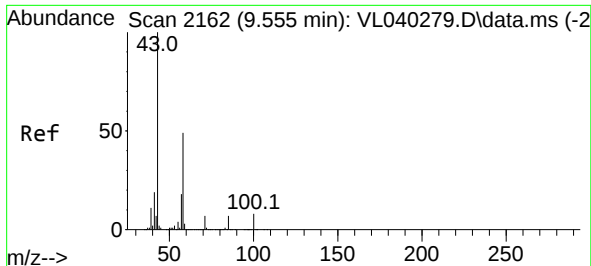
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#50
4-Methyl-2-Pentanone
Concen: 10.059 ppbv
RT: 8.147 min Scan# 1724
Delta R.T. -0.038 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

Tgt Ion: 43 Resp: 2084092
Ion Ratio Lower Upper
43 100
58 36.8 29.2 43.8





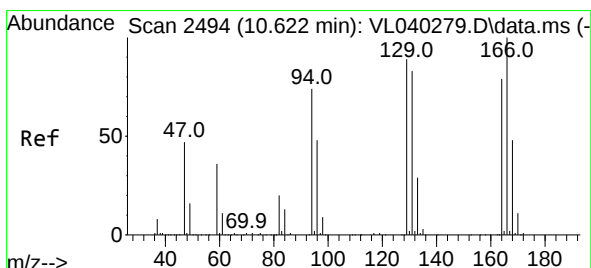
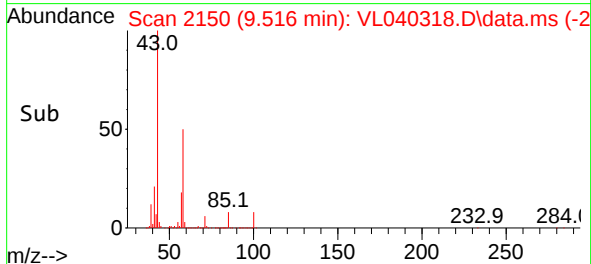
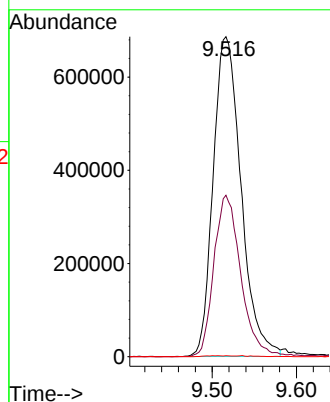
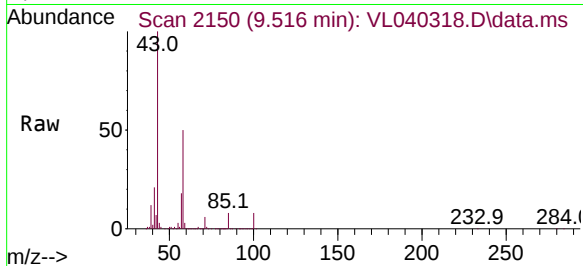
#51
2-Hexanone
Concen: 9.818 ppbv
RT: 9.516 min Scan# 2162
Delta R.T. -0.039 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 157584
Ion Ratio Lower Upper
43 100
58 49.1 38.0 57.0
98 0.3 0.5 0.7

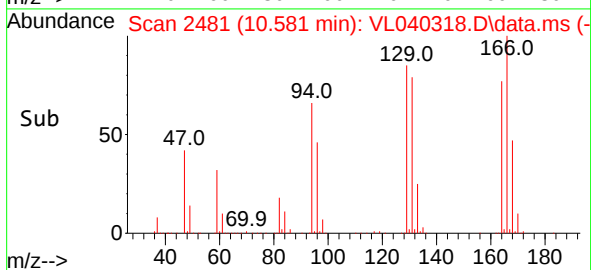
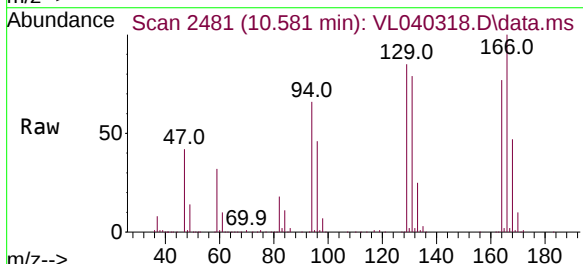
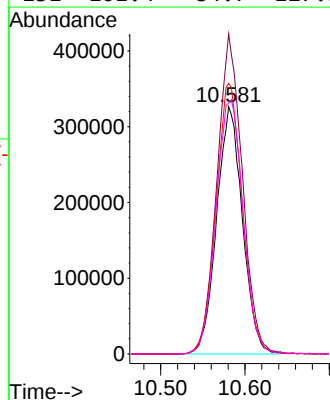
Manual Integrations
APPROVED

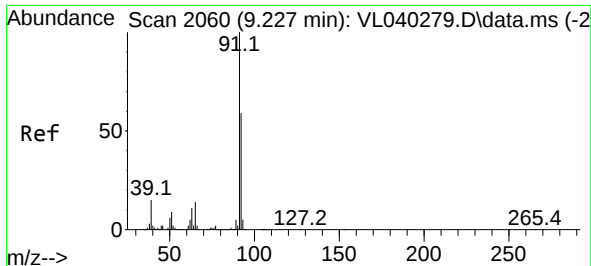
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#52
Tetrachloroethene
Concen: 11.085 ppbv
RT: 10.581 min Scan# 2481
Delta R.T. -0.041 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

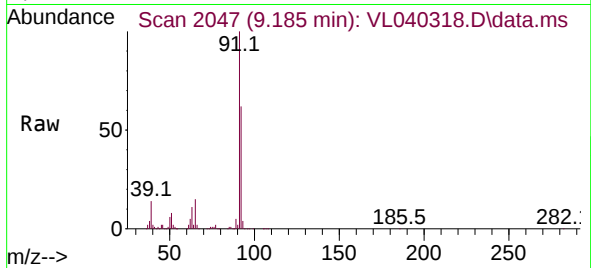
Tgt Ion:164 Resp: 693292
Ion Ratio Lower Upper
164 100
166 129.3 101.8 152.6
129 109.3 90.2 135.2
131 101.4 84.7 127.1





#53
Toluene
Concen: 10.889 ppbv
RT: 9.185 min Scan# 2060
Delta R.T. -0.042 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

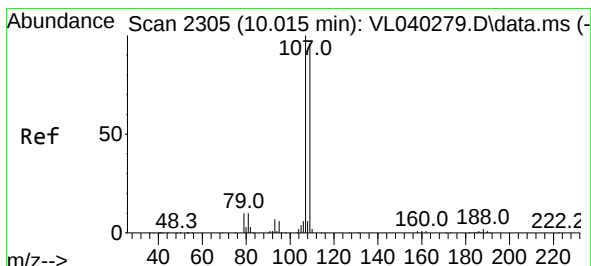
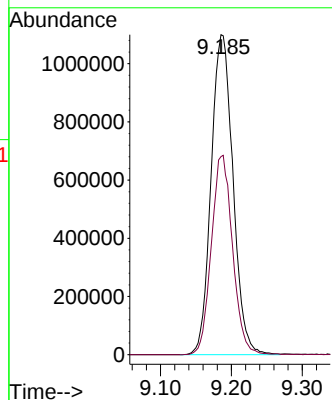
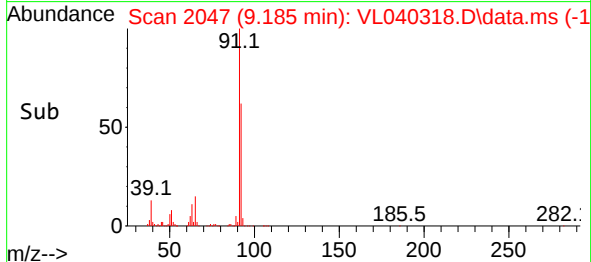
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



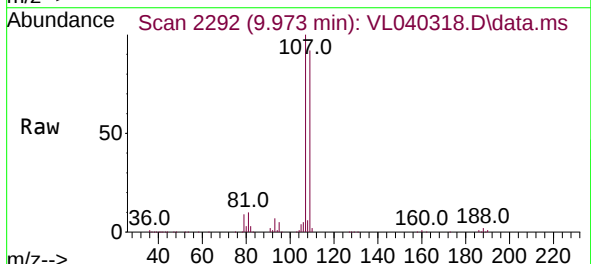
Tgt Ion: 91 Resp: 2359028
Ion Ratio Lower Upper
91 100
92 60.5 48.0 72.0

Manual Integrations
APPROVED

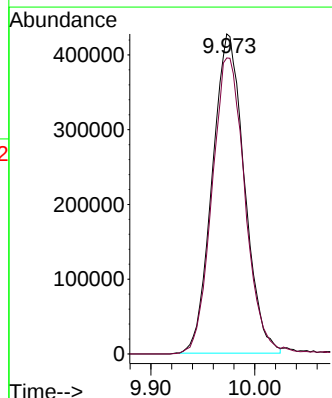
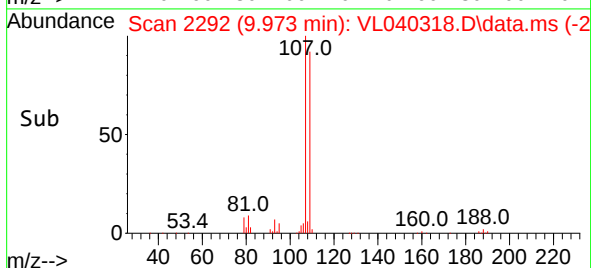
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

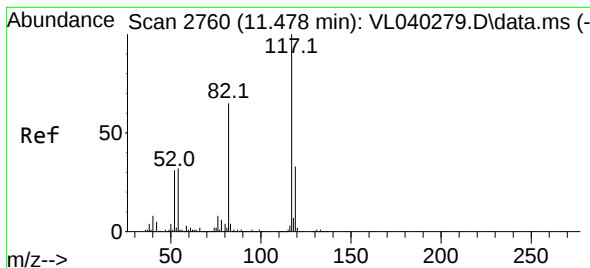


#54
1,2-Dibromoethane
Concen: 10.288 ppbv
RT: 9.973 min Scan# 2292
Delta R.T. -0.042 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15



Tgt Ion:107 Resp: 916454
Ion Ratio Lower Upper
107 100
109 92.3 77.0 115.6





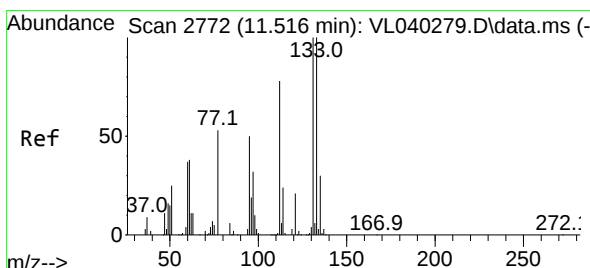
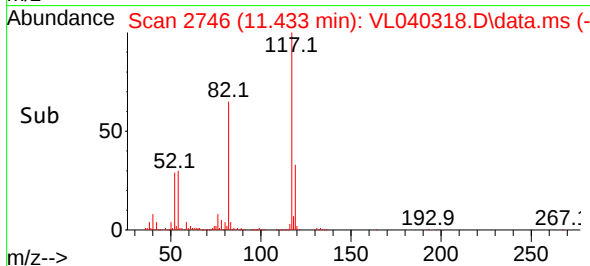
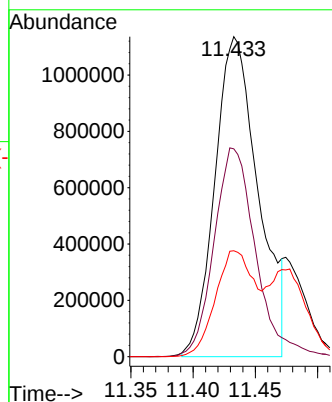
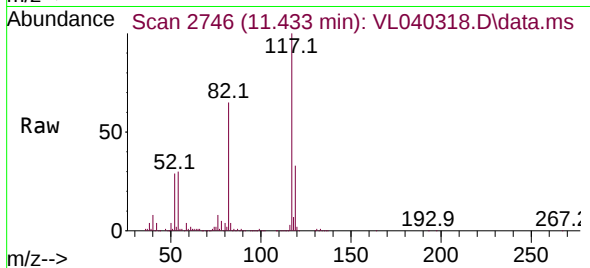
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.433 min Scan# 21
Delta R.T. -0.045 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 275849
Ion Ratio Lower Upper
117 100
82 62.7 51.4 77.2
119 31.7 24.0 36.0

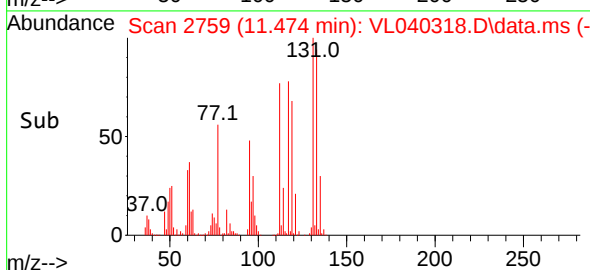
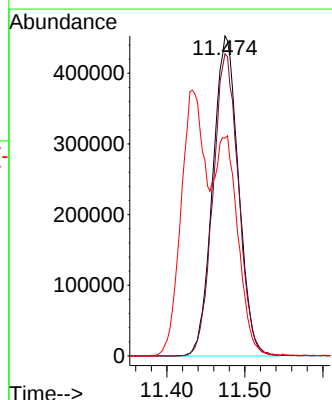
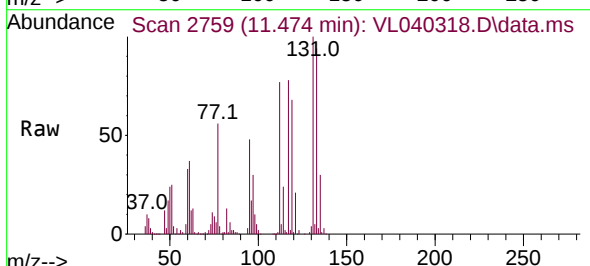
Manual Integrations
APPROVED

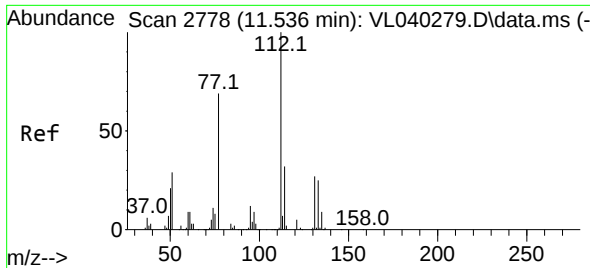
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 8.941 ppbv
RT: 11.474 min Scan# 2759
Delta R.T. -0.042 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

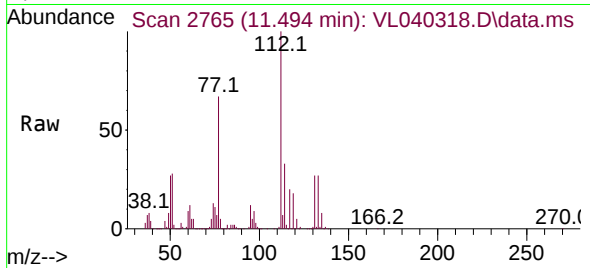
Tgt Ion:131 Resp: 1037569
Ion Ratio Lower Upper
131 100
133 94.0 76.5 114.7
119 63.9 47.9 71.9





#57
Chlorobenzene
Concen: 9.028 ppbv
RT: 11.494 min Scan# 211
Delta R.T. -0.042 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

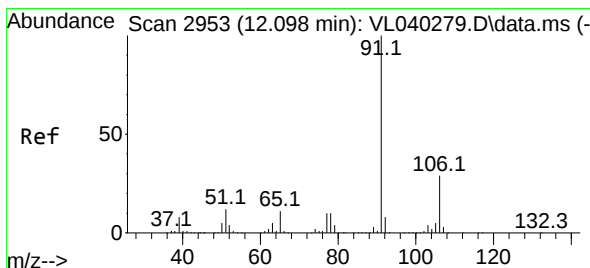
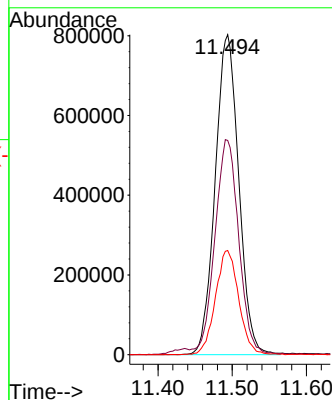
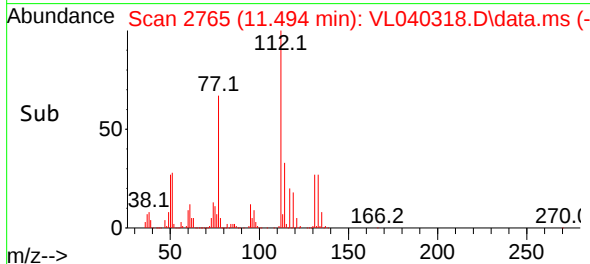
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 177152
Ion Ratio Lower Upper
112 100
77 66.7 56.2 84.2
114 32.5 29.0 35.4

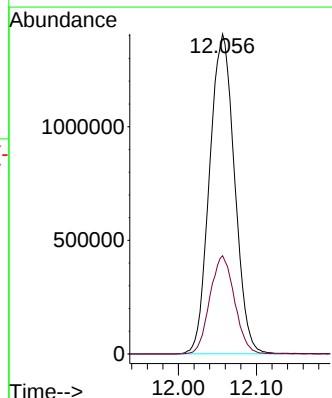
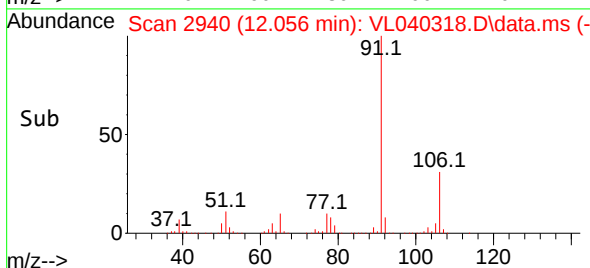
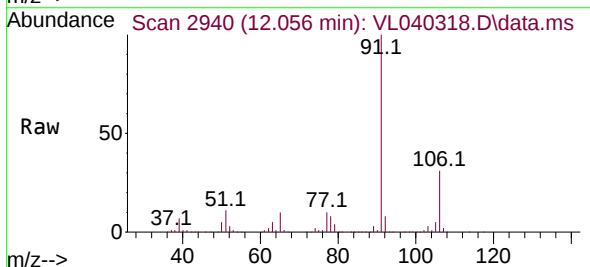
Manual Integrations
APPROVED

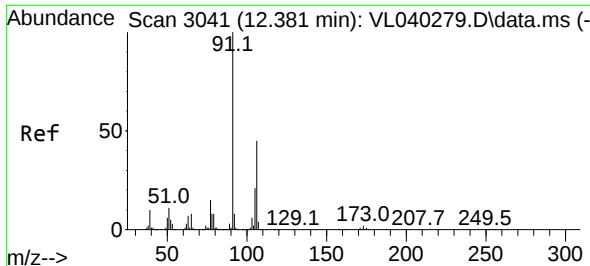
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#58
Ethyl Benzene
Concen: 9.974 ppbv
RT: 12.056 min Scan# 2940
Delta R.T. -0.042 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

Tgt Ion: 91 Resp: 3132936
Ion Ratio Lower Upper
91 100
106 30.7 23.4 35.2





#59

m/p-Xylene

Concen: 18.606 ppbv m

RT: 12.339 min Scan# 3041

Delta R.T. -0.042 min

Lab File: VL040318.D

Acq: 10 Apr 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 535353

Ion Ratio Lower Upper

91 100

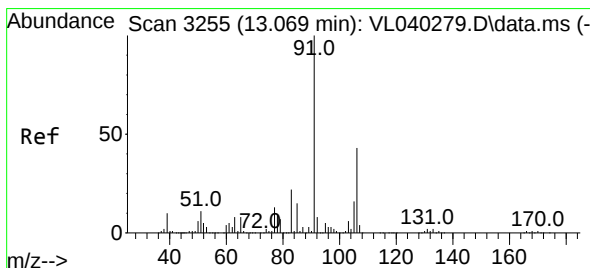
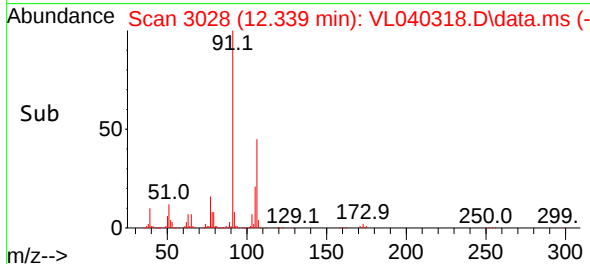
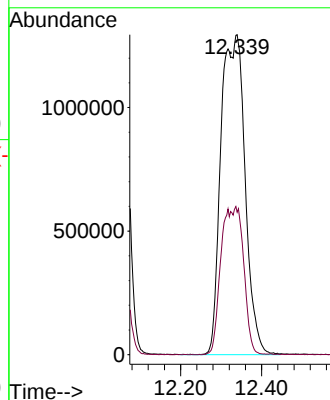
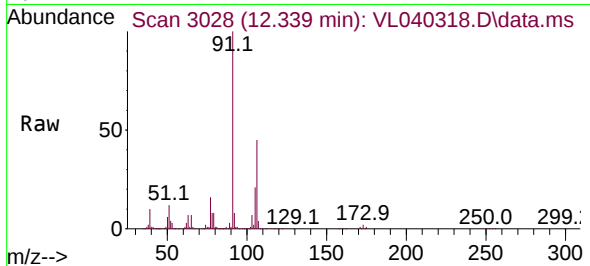
106 43.6 34.0 51.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#60

o-Xylene

Concen: 9.283 ppbv

RT: 13.024 min Scan# 3241

Delta R.T. -0.045 min

Lab File: VL040318.D

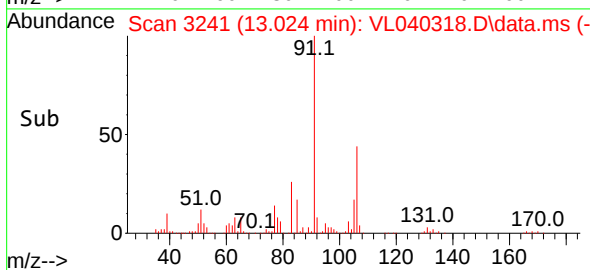
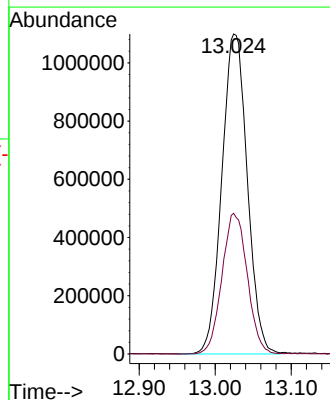
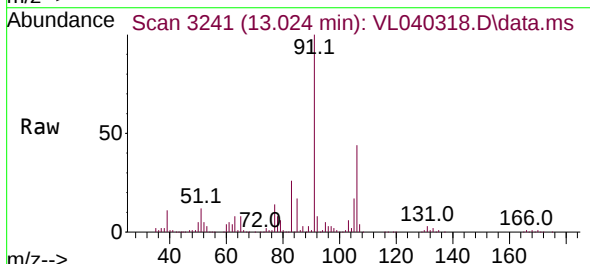
Acq: 10 Apr 2023 10:15

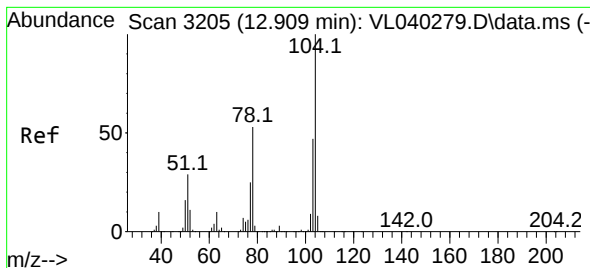
Tgt Ion: 91 Resp: 2553422

Ion Ratio Lower Upper

91 100

106 43.9 21.7 65.1





#61

Styrene

Concen: 10.460 ppbv

RT: 12.864 min Scan# 3191

Delta R.T. -0.046 min

Lab File: VL040318.D

Acq: 10 Apr 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 145999

Ion Ratio Lower Upper

104 100

78 52.4 43.7 65.5

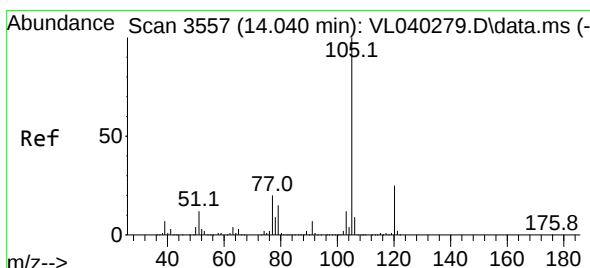
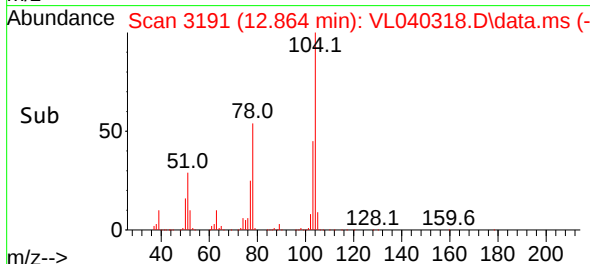
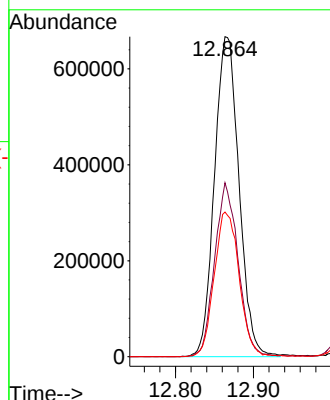
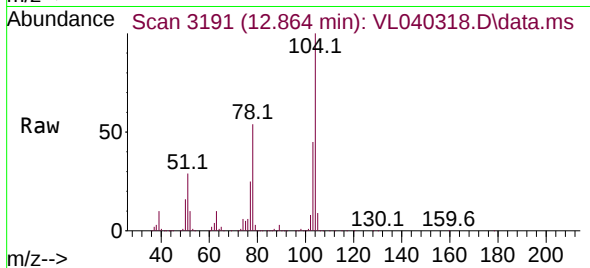
103 46.3 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#62

Isopropylbenzene

Concen: 9.191 ppbv

RT: 13.999 min Scan# 3544

Delta R.T. -0.041 min

Lab File: VL040318.D

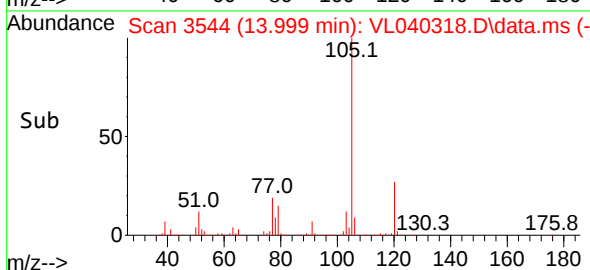
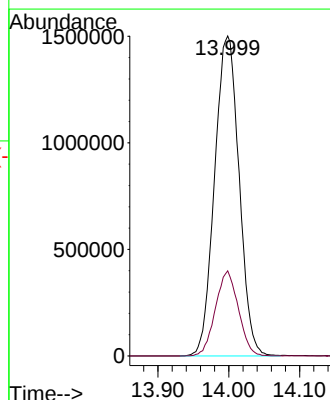
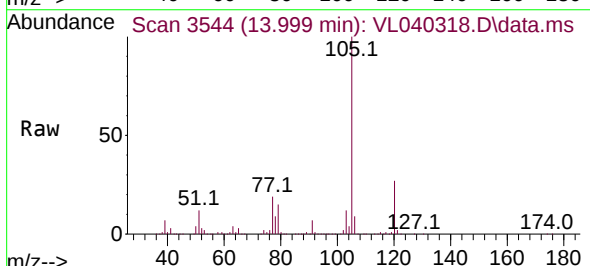
Acq: 10 Apr 2023 10:15

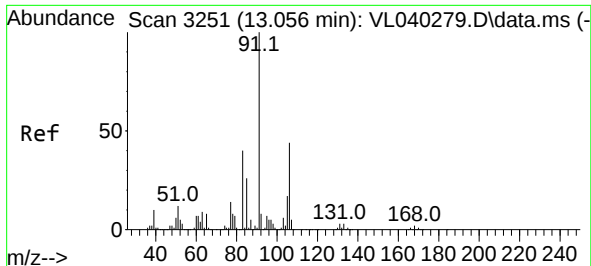
Tgt Ion:105 Resp: 3600209

Ion Ratio Lower Upper

105 100

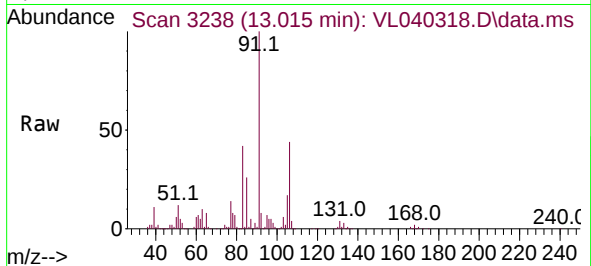
120 25.0 19.9 29.9





#63
1,1,2,2-Tetrachloroethane
Concen: 8.234 ppbv
RT: 13.015 min Scan# 31
Delta R.T. -0.041 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

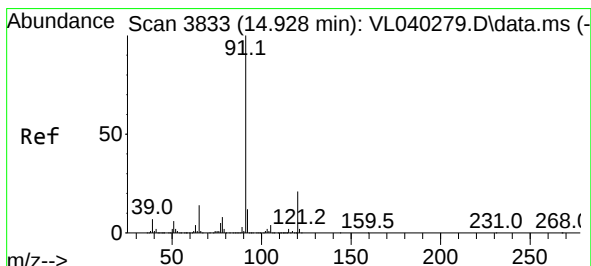
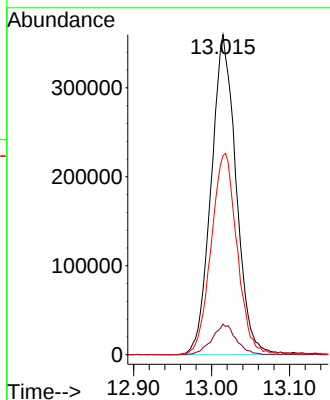
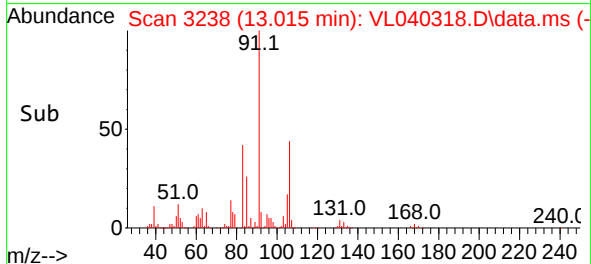
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



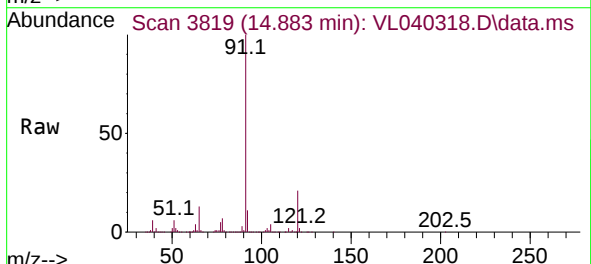
Tgt Ion: 83 Resp: 79694
Ion Ratio Lower Upper
83 100
131 9.3 4.3 12.9
85 66.0 32.7 98.1

Manual Integrations
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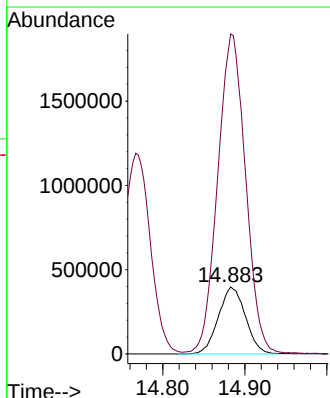
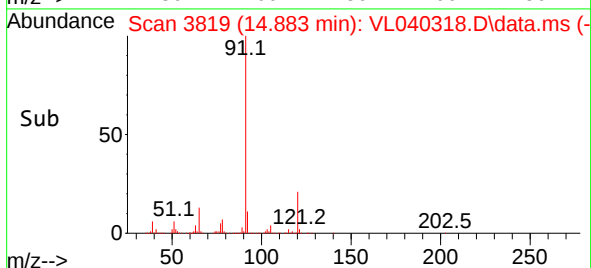
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

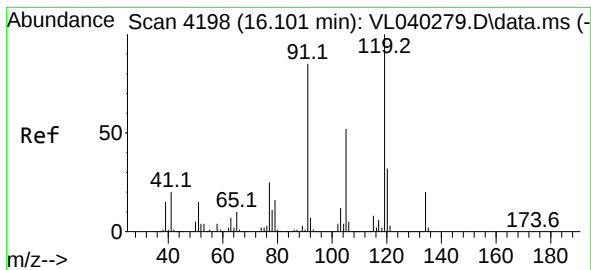


#64
n-propylbenzene
Concen: 9.509 ppbv
RT: 14.883 min Scan# 3819
Delta R.T. -0.045 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15



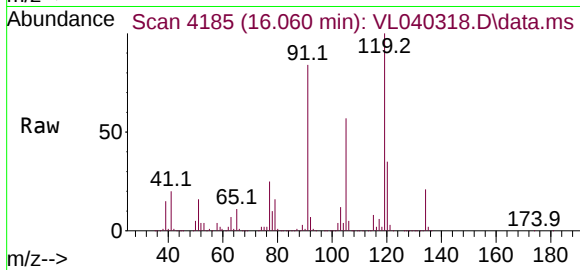
Tgt Ion:120 Resp: 911446
Ion Ratio Lower Upper
120 100
91 493.5 399.0 598.6





#65
tert-Butylbenzene
Concen: 9.438 ppbv
RT: 16.060 min Scan# 4198
Delta R.T. -0.041 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

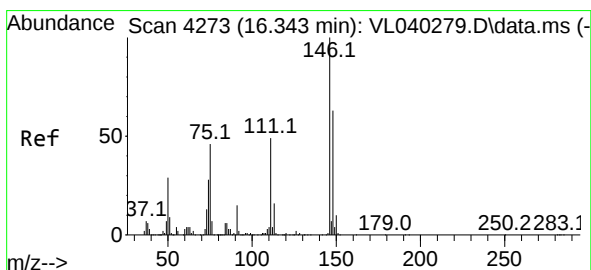
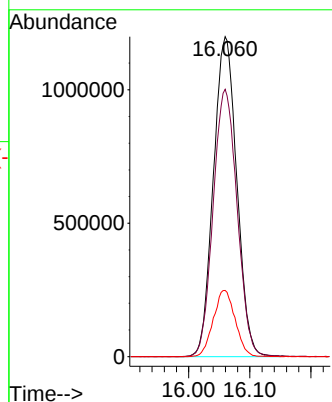
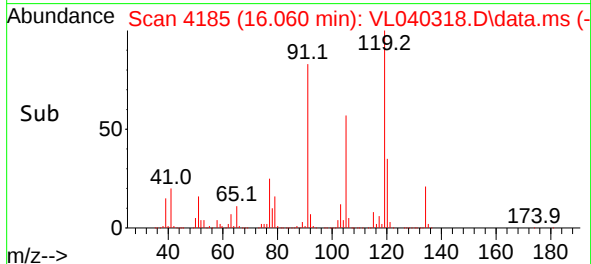
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



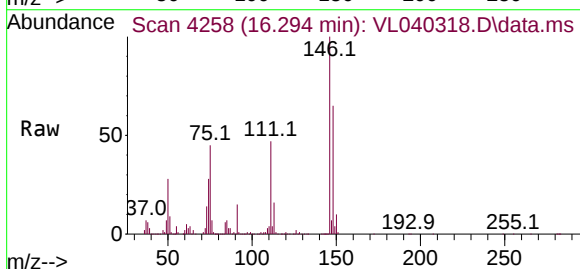
Tgt Ion: 119 Resp: 3185760
Ion Ratio Lower Upper
119 100
91 85.7 69.4 104.2
134 19.5 15.8 23.6

Manual Integrations
APPROVED

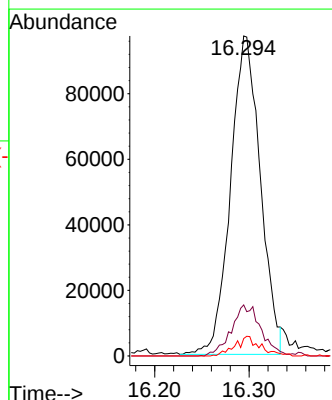
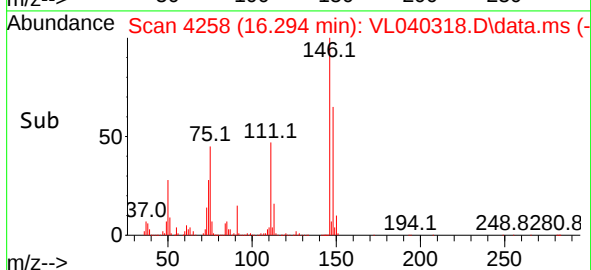
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

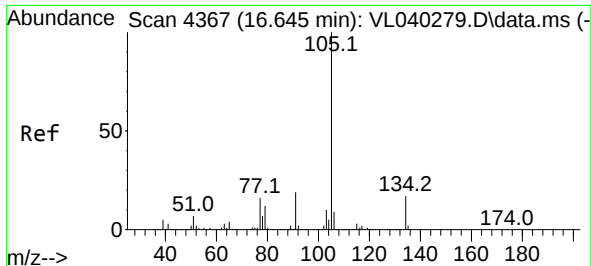


#66
Benzyl Chloride
Concen: 9.696 ppbv
RT: 16.294 min Scan# 4258
Delta R.T. -0.049 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15



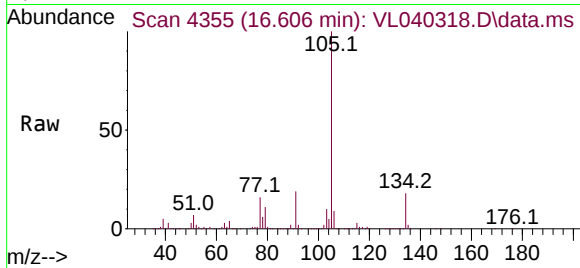
Tgt Ion: 91 Resp: 212707
Ion Ratio Lower Upper
91 100
126 16.2 12.1 18.1
128 5.3 3.8 5.6





#67
 sec-Butylbenzene
 Concen: 9.451 ppbv
 RT: 16.606 min Scan# 41
 Delta R.T. -0.039 min
 Lab File: VL040318.D
 Acq: 10 Apr 2023 10:15

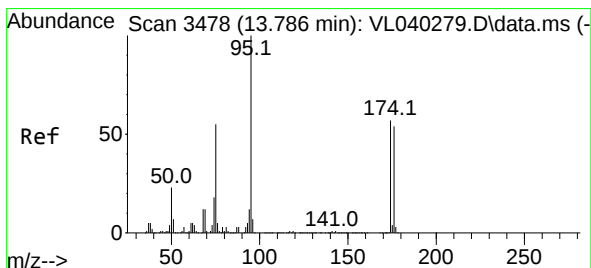
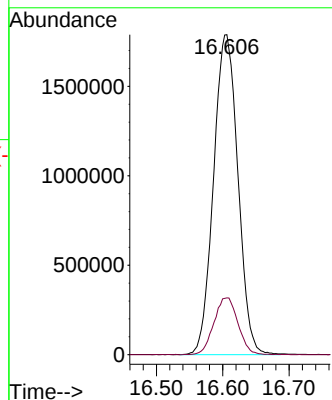
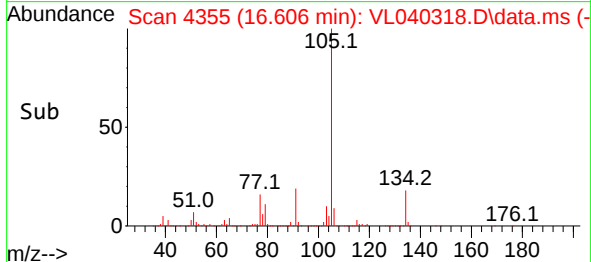
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:105 Resp: 456233
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.0 21.0

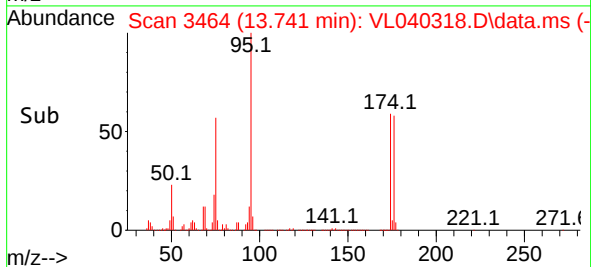
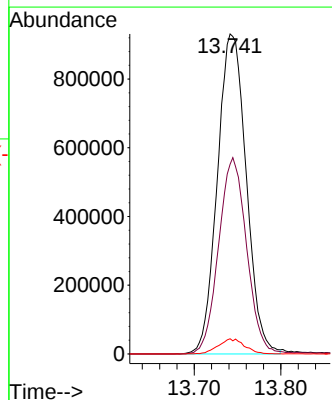
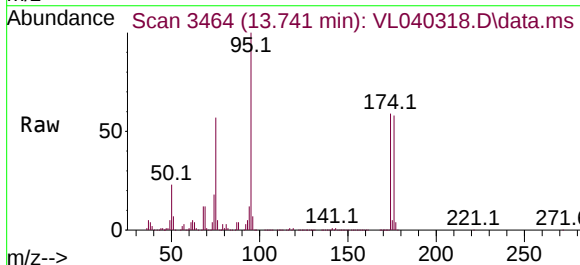
Manual Integrations
 APPROVED

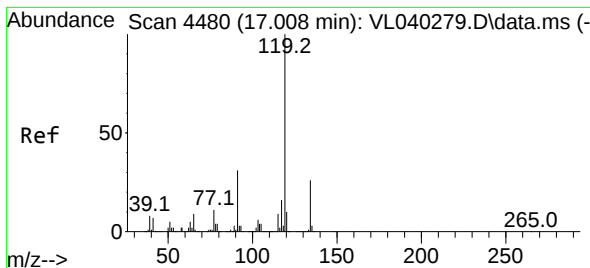
Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.336 ppbv
 RT: 13.741 min Scan# 3464
 Delta R.T. -0.045 min
 Lab File: VL040318.D
 Acq: 10 Apr 2023 10:15

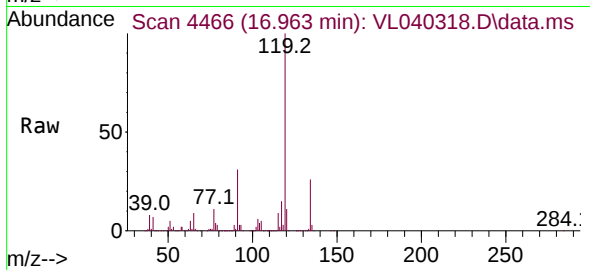
Tgt Ion: 95 Resp: 2156717
 Ion Ratio Lower Upper
 95 100
 174 60.3 47.0 70.6
 175 4.3 3.4 5.2





#69
p-Isopropyltoluene
Concen: 9.973 ppbv
RT: 16.963 min Scan# 4480
Delta R.T. -0.045 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

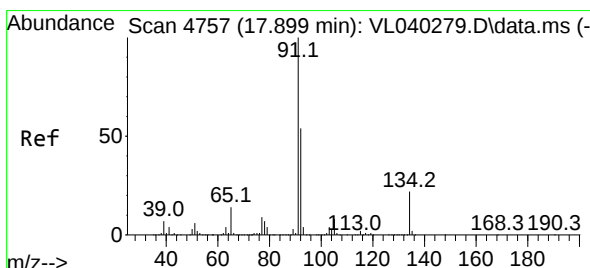
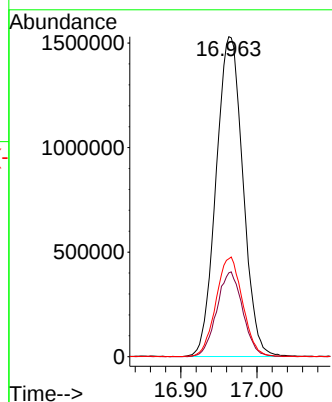
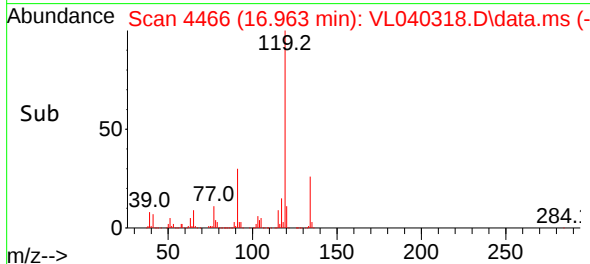
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



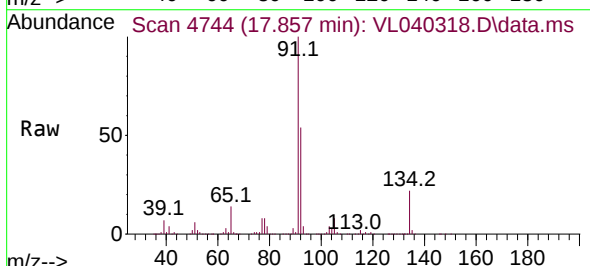
Tgt Ion: 119 Resp: 3749220
Ion Ratio Lower Upper
119 100
134 25.8 20.2 30.2
91 30.8 25.1 37.7

Manual Integrations
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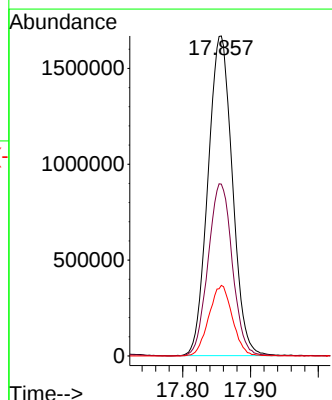
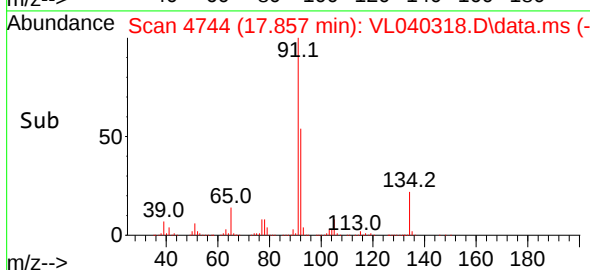
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

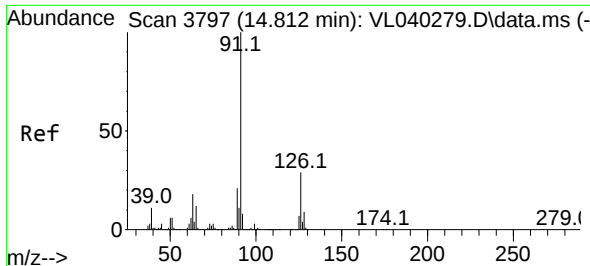


#70
n-Butylbenzene
Concen: 10.052 ppbv
RT: 17.857 min Scan# 4744
Delta R.T. -0.042 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15



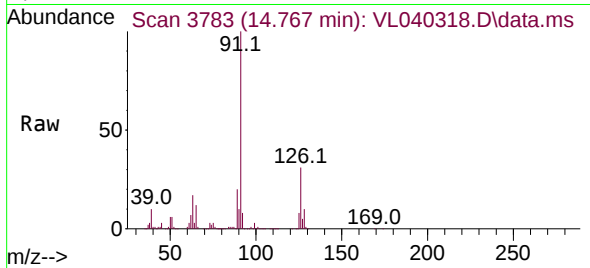
Tgt Ion: 91 Resp: 4163400
Ion Ratio Lower Upper
91 100
92 53.8 42.9 64.3
134 21.4 16.8 25.2





#71
2-Chlorotoluene
Concen: 9.268 ppbv
RT: 14.767 min Scan# 31
Delta R.T. -0.045 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

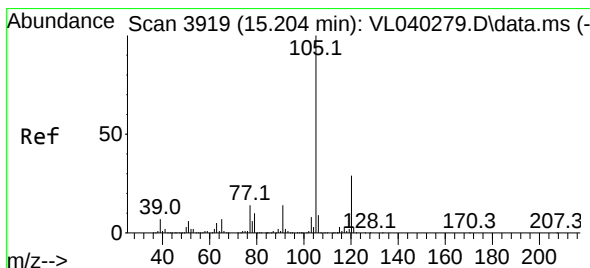
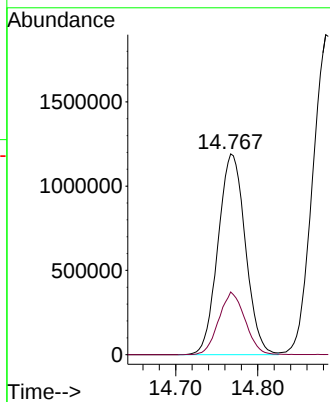
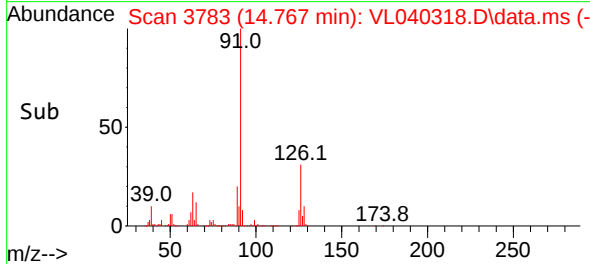
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



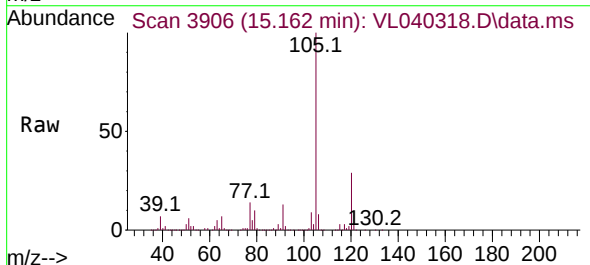
Tgt Ion: 91 Resp: 276300
Ion Ratio Lower Upper
91 100
126 30.0 11.8 47.4

Manual Integrations
APPROVED

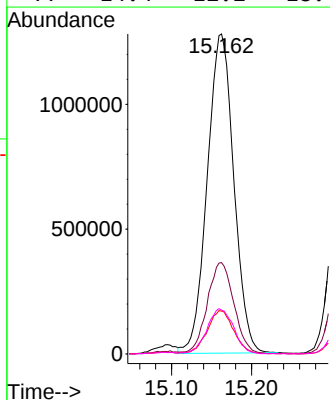
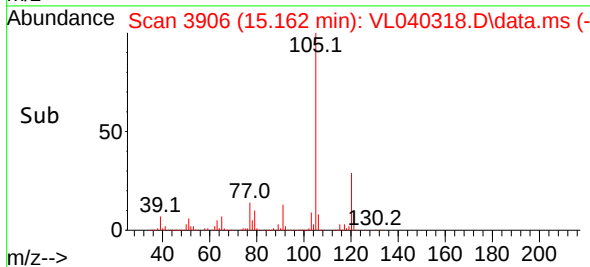
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

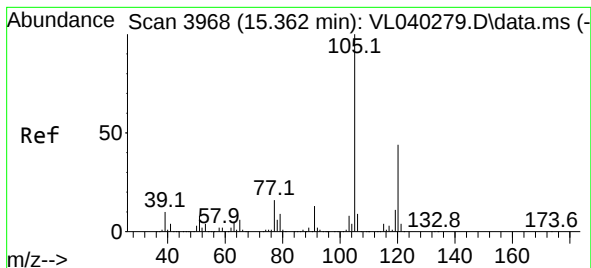


#72
4-Ethyltoluene
Concen: 9.813 ppbv
RT: 15.162 min Scan# 3906
Delta R.T. -0.042 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15



Tgt Ion:105 Resp: 2951024
Ion Ratio Lower Upper
105 100
120 29.7 23.7 35.5
91 13.5 11.6 17.4
77 14.4 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 9.615 ppbv

RT: 15.320 min Scan# 3968

Delta R.T. -0.042 min

Lab File: VL040318.D

Acq: 10 Apr 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 2619284

Ion Ratio Lower Upper

105 100

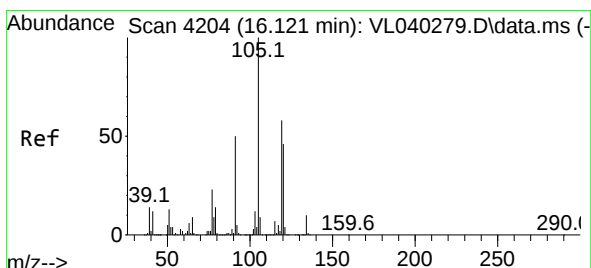
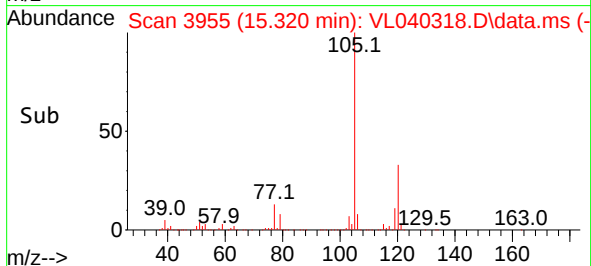
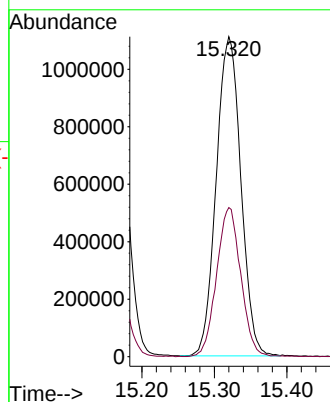
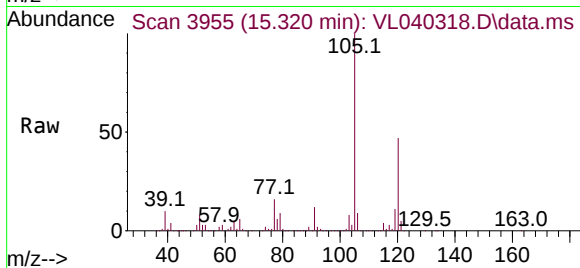
120 46.6 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#74

1,2,4-Trimethylbenzene

Concen: 9.367 ppbv

RT: 16.079 min Scan# 4191

Delta R.T. -0.042 min

Lab File: VL040318.D

Acq: 10 Apr 2023 10:15

Tgt Ion:105 Resp: 2909896

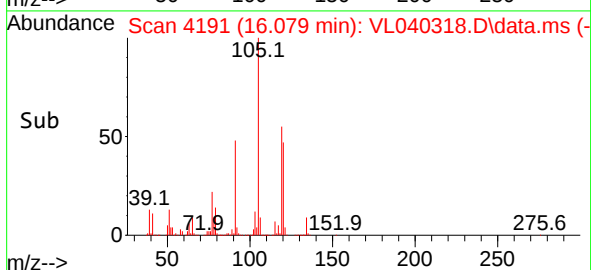
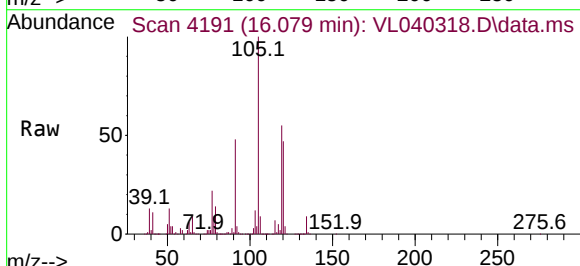
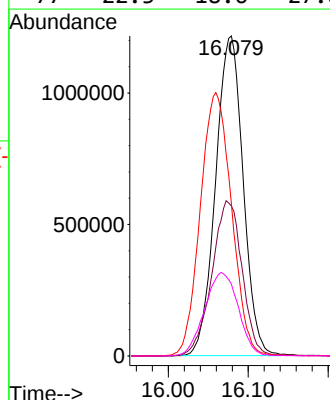
Ion Ratio Lower Upper

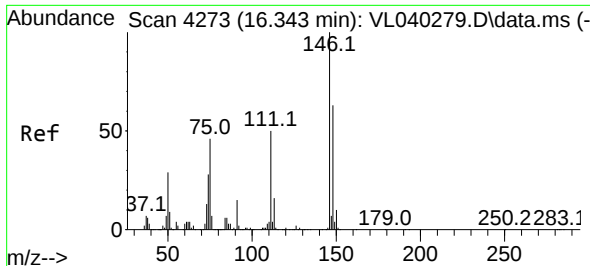
105 100

120 46.6 36.6 54.8

91 47.4 39.9 59.9

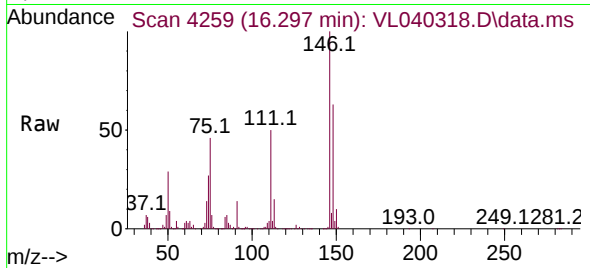
77 22.3 18.6 27.8





#75
1,3-Dichlorobenzene
Concen: 9.686 ppbv
RT: 16.297 min Scan# 41
Delta R.T. -0.046 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

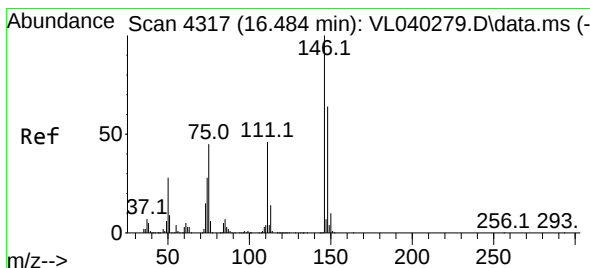
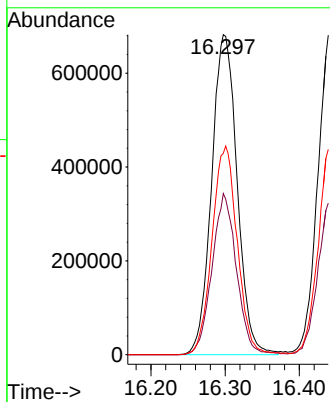
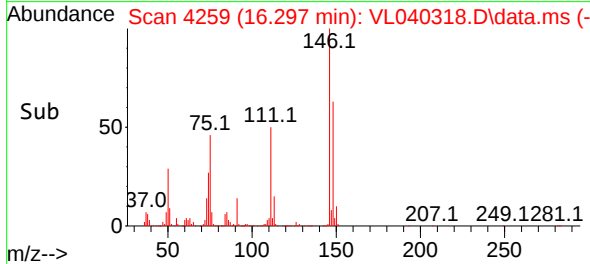
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



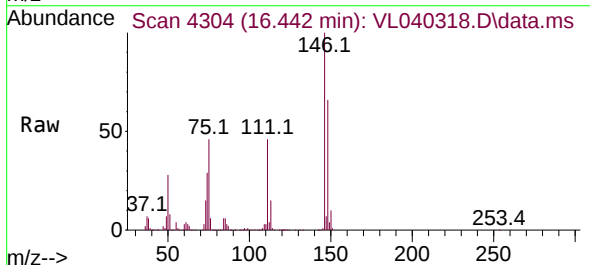
Tgt Ion:146 Resp: 162973
Ion Ratio Lower Upper
146 100
111 48.3 24.3 73.0
148 64.5 31.9 95.5

Manual Integrations
APPROVED

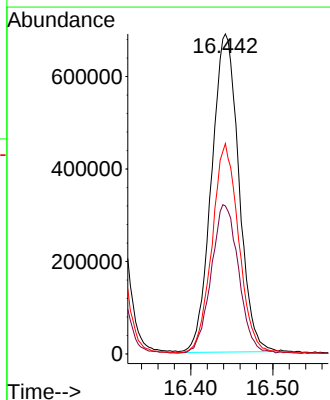
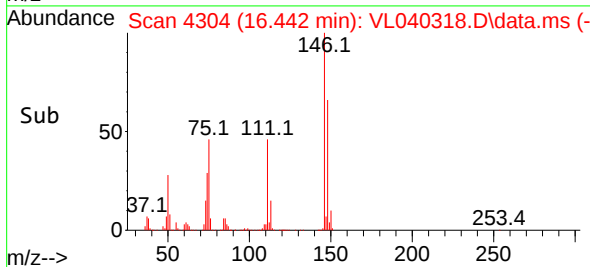
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

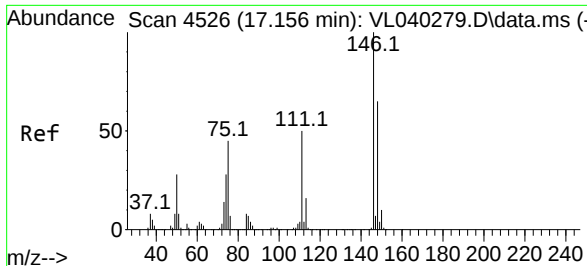


#76
1,4-Dichlorobenzene
Concen: 9.907 ppbv
RT: 16.442 min Scan# 4304
Delta R.T. -0.042 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15



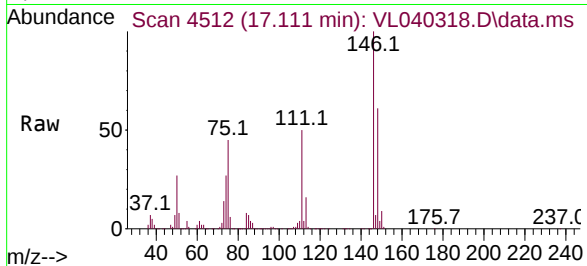
Tgt Ion:146 Resp: 1589905
Ion Ratio Lower Upper
146 100
111 47.7 23.8 71.2
148 65.4 32.5 97.5





#77
1,2-Dichlorobenzene
Concen: 10.050 ppbv
RT: 17.111 min Scan# 41
Delta R.T. -0.045 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

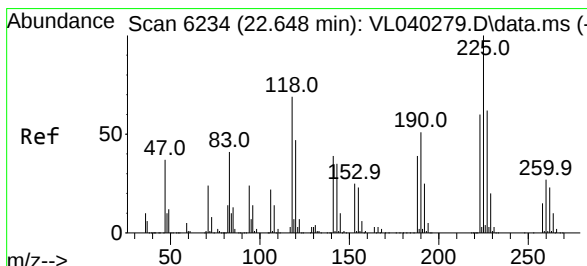
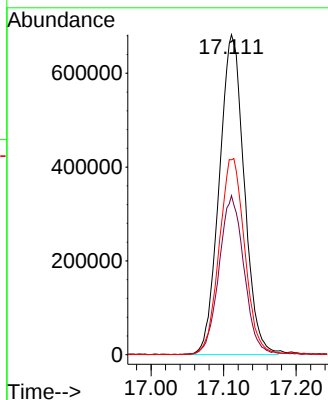
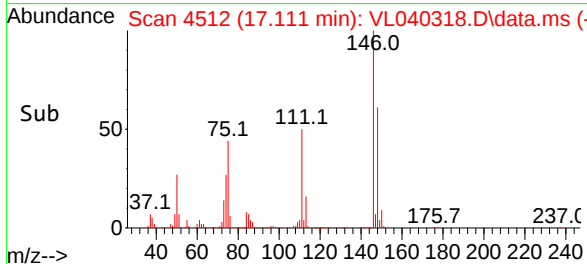
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



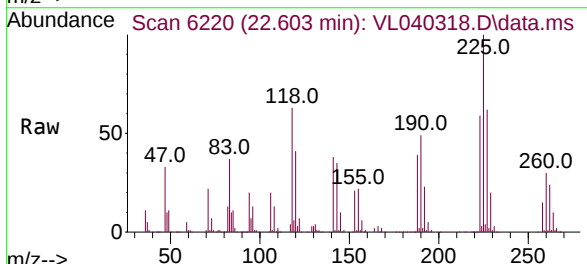
Tgt Ion:146 Resp: 1625310
Ion Ratio Lower Upper
146 100
111 49.9 25.2 75.6
148 63.2 32.1 96.3

Manual Integrations
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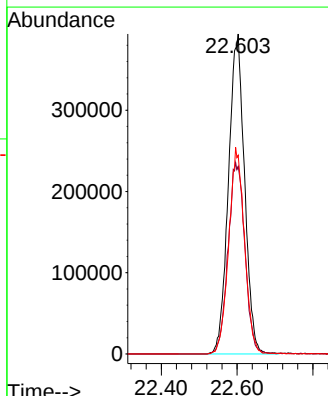
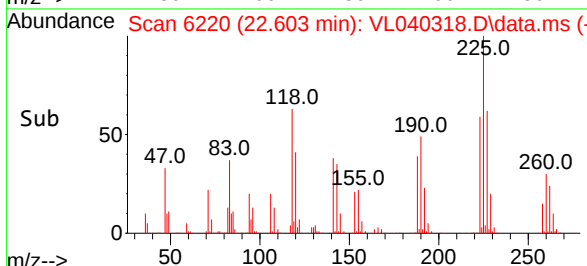
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

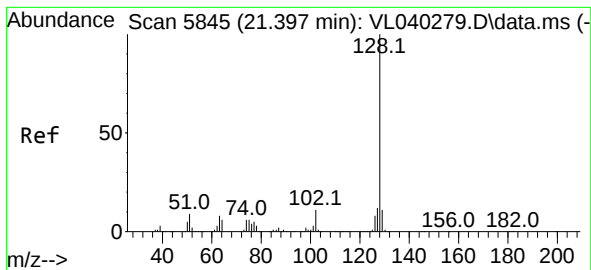


#78
Hexachloro-1,3-Butadiene
Concen: 9.773 ppbv m
RT: 22.603 min Scan# 6220
Delta R.T. -0.045 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15



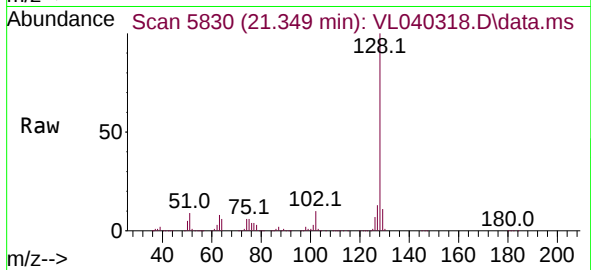
Tgt Ion:225 Resp: 1159156
Ion Ratio Lower Upper
225 100
223 62.3 51.0 76.6
227 63.2 51.4 77.2





#79
Naphthalene
Concen: 12.764 ppbv
RT: 21.349 min Scan# 5830
Delta R.T. -0.048 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

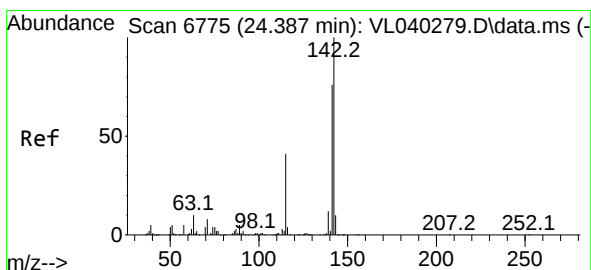
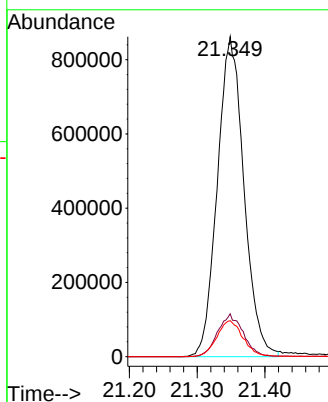
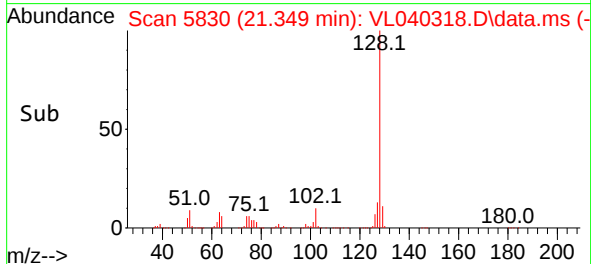
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



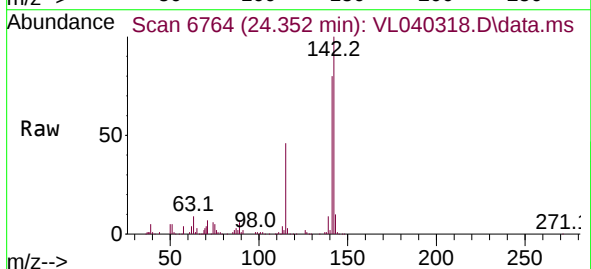
Tgt Ion:128 Resp: 2345699
Ion Ratio Lower Upper
128 100
127 13.4 9.6 14.4
129 11.2 8.6 13.0

Manual Integrations
APPROVED

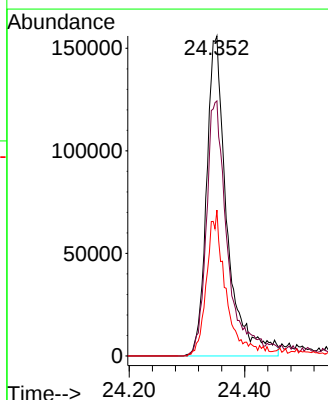
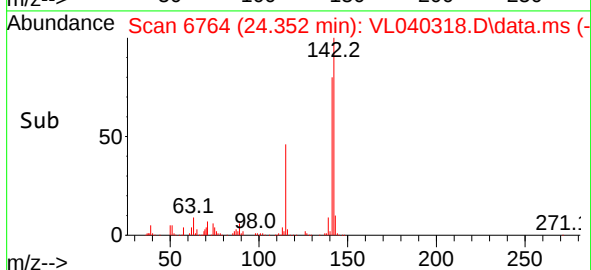
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

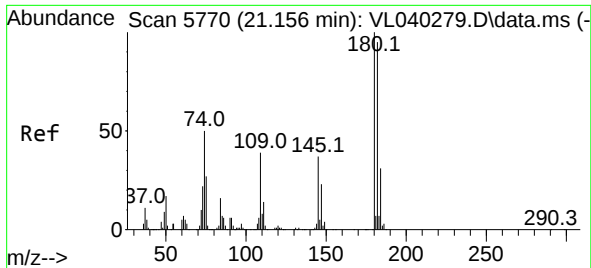


#80
Naphthalene,2-methyl-
Concen: 8.217 ppbv
RT: 24.352 min Scan# 6764
Delta R.T. -0.035 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15



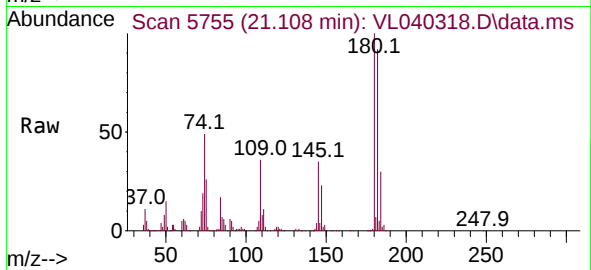
Tgt Ion:142 Resp: 382458
Ion Ratio Lower Upper
142 100
141 84.1 65.5 98.3
115 44.8 33.5 50.3





#81
1,2,4-Trichlorobenzene
Concen: 10.929 ppbv
RT: 21.108 min Scan# 51
Delta R.T. -0.048 min
Lab File: VL040318.D
Acq: 10 Apr 2023 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:180 Resp: 1237120
Ion Ratio Lower Upper
180 100
182 96.6 76.1 114.1
184 30.7 24.4 36.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

