

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121922\
 Data File : VL040027.D
 Acq On : 19 Dec 2022 14:02
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL121922

Quant Time: Dec 20 04:58:15 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 12 2022

QLast Update : Tue Dec 20 04:50:21 2022

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 12/20/2022
 Supervised By : Mahesh Dadoda 12/20/2022

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

Internal Standards						
1) Bromochloromethane	5.172	49	1001584	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.635	114	2963333	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2804621	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	2113943	9.867	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.713	85	1626613	8.676	ppbv	99
3) Chlorodifluoromethane	2.658	51	1245851	8.431	ppbv	99
4) Chloromethane	2.793	50	785428	8.482	ppbv	97
5) Vinyl Chloride	2.902	62	680128	9.078	ppbv	97
6) Bromomethane	3.102	94	239286	8.693	ppbv	92
7) Chloroethane	3.179	64	244282	8.642	ppbv	99
8) Dichlorotetrafluoroethane	2.838	85	1654511	8.388	ppbv	99
9) Propene	2.677	41	562071	8.963	ppbv	98
10) Heptane	7.561	43	1362385	8.901	ppbv	99
11) Trichlorofluoromethane	3.542	101	1734127	8.512	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.047	101	1305267	8.460	ppbv	99
13) Ethanol	3.227	45	45232m	7.663	ppbv	
14) Bromoethene	3.346	108	531782	9.153	ppbv	98
15) Acetone	3.449	43	1190679	7.685	ppbv	97
16) 1,3-Butadiene	2.967	39	628870	9.338	ppbv	98
17) tert-Butyl alcohol	3.857	59	1271194	8.322	ppbv	99
18) 1,1-Dichloroethene	3.864	96	572767	8.529	ppbv	97
19) Isopropyl Alcohol	3.555	45	651098	8.527	ppbv	99
20) Methylene Chloride	3.915	84	506714	7.694	ppbv	99
21) Allyl Chloride	3.976	41	857640	9.211	ppbv	98
22) trans-1,2-Dichloroethene	4.430	96	603390	9.015	ppbv	93
23) Vinyl Acetate	4.607	43	452043	9.203	ppbv	98
24) 1,1-Dichloroethane	4.545	63	1246486	8.641	ppbv	99
25) Ethyl Acetate	5.185	43	2278163	8.490	ppbv	99
26) Hexane	5.195	57	995616	8.828	ppbv	96
27) Carbon Disulfide	4.105	76	1425852	10.023	ppbv	100
28) Methyl tert-Butyl Ether	4.568	73	1167105	8.781	ppbv	100
29) Chloroform	5.256	83	1652837	9.604	ppbv	98
30) Cyclohexane	6.584	84	911869	9.130	ppbv	98
31) cis-1,2-Dichloroethene	5.060	61	950492	8.850	ppbv	99
32) 1,1,1-Trichloroethane	5.989	97	1751065	9.504	ppbv	100
34) 2-Butanone	4.767	43	1349099	8.392	ppbv	99
35) Carbon Tetrachloride	6.478	117	1800360	9.781	ppbv	99
36) Benzene	6.356	78	2295906	8.675	ppbv	98
37) 1,2-Dichloroethane	5.790	62	1351215	8.703	ppbv	100
38) Trichloroethene	7.275	130	1310621	9.637	ppbv	99
39) 1,2-Dichloropropane	7.057	63	869141	8.762	ppbv	97
40) 1,4-Dioxane	7.272	88	355727	7.956	ppbv	84
41) Tetrahydrofuran	5.542	42	895739	8.927	ppbv	99
42) Bromodichloromethane	7.233	83	1895805	8.913	ppbv	100
43) Methyl Methacrylate	7.458	69	920541	9.268	ppbv	99
44) 2,2,4-Trimethylpentane	7.311	57	3731254	8.564	ppbv	99
45) t-1,3-Dichloropropene	8.696	75	875185	10.425	ppbv	99

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Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/20/2022
 Supervised By : Mahesh Dadoda 12/20/2022

Quant Time: Dec 20 04:58:15 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 12 2022

QLast Update : Tue Dec 20 04:50:21 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.130	75	1176179	9.934	ppbv	98
47) 1,1,2-Trichloroethane	8.886	97	927823	8.541	ppbv	97
48) Dibromochloromethane	9.696	129	1520545	9.204	ppbv	100
49) Bromoform	12.394	173	1123928	8.918	ppbv	99
50) 4-Methyl-2-Pentanone	8.166	43	2267363	8.633	ppbv	99
51) 2-Hexanone	9.539	43	1780148	8.714	ppbv #	100
52) Tetrachloroethene	10.603	164	772289	8.583	ppbv	96
53) Toluene	9.208	91	2606272	8.895	ppbv	100
54) 1,2-Dibromoethane	9.992	107	1053176	9.003	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.494	131	1075702	8.315	ppbv	98
57) Chlorobenzene	11.513	112	1931420	8.112	ppbv	97
58) Ethyl Benzene	12.079	91	3401349	8.536	ppbv	99
59) m/p-Xylene	12.359	91	5726249m	16.495	ppbv	
60) o-Xylene	13.047	91	2707051	8.140	ppbv	99
61) Styrene	12.886	104	1602633	8.984	ppbv	100
62) Isopropylbenzene	14.018	105	3793812	7.912	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.037	83	867944	7.118	ppbv	99
64) n-propylbenzene	14.905	120	965743	7.974	ppbv	99
65) tert-Butylbenzene	16.082	119	3217562	7.722	ppbv	99
66) Benzyl Chloride	16.317	91	209635m	8.628	ppbv	
67) sec-Butylbenzene	16.625	105	4472962	7.660	ppbv	100
69) p-Isopropyltoluene	16.985	119	3657104	7.840	ppbv	100
70) n-Butylbenzene	17.873	91	3817697	7.812	ppbv	100
71) 2-Chlorotoluene	14.786	91	2862273	7.824	ppbv	100
72) 4-Ethyltoluene	15.182	105	3006204	8.141	ppbv	100
73) 1,3,5-Trimethylbenzene	15.339	105	2658197	7.982	ppbv	99
74) 1,2,4-Trimethylbenzene	16.098	105	2831727	7.714	ppbv	96
75) 1,3-Dichlorobenzene	16.320	146	1580094	7.866	ppbv	99
76) 1,4-Dichlorobenzene	16.461	146	1564107	7.976	ppbv	99
77) 1,2-Dichlorobenzene	17.130	146	1527110	7.927	ppbv	99
78) Hexachloro-1,3-Butadiene	22.622	225	1089363	8.152	ppbv #	100
79) Naphthalene	21.374	128	2323794	10.624	ppbv	98
80) Naphthalene,2-methyl-	24.368	142	559070	8.354	ppbv	98
81) 1,2,4-Trichlorobenzene	21.130	180	1180237	9.084	ppbv	99

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

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APPROVED

Reviewed By : Semsettin Yesilyurt 12/20/2022
Supervised By : Mahesh Dadoda 12/20/2022

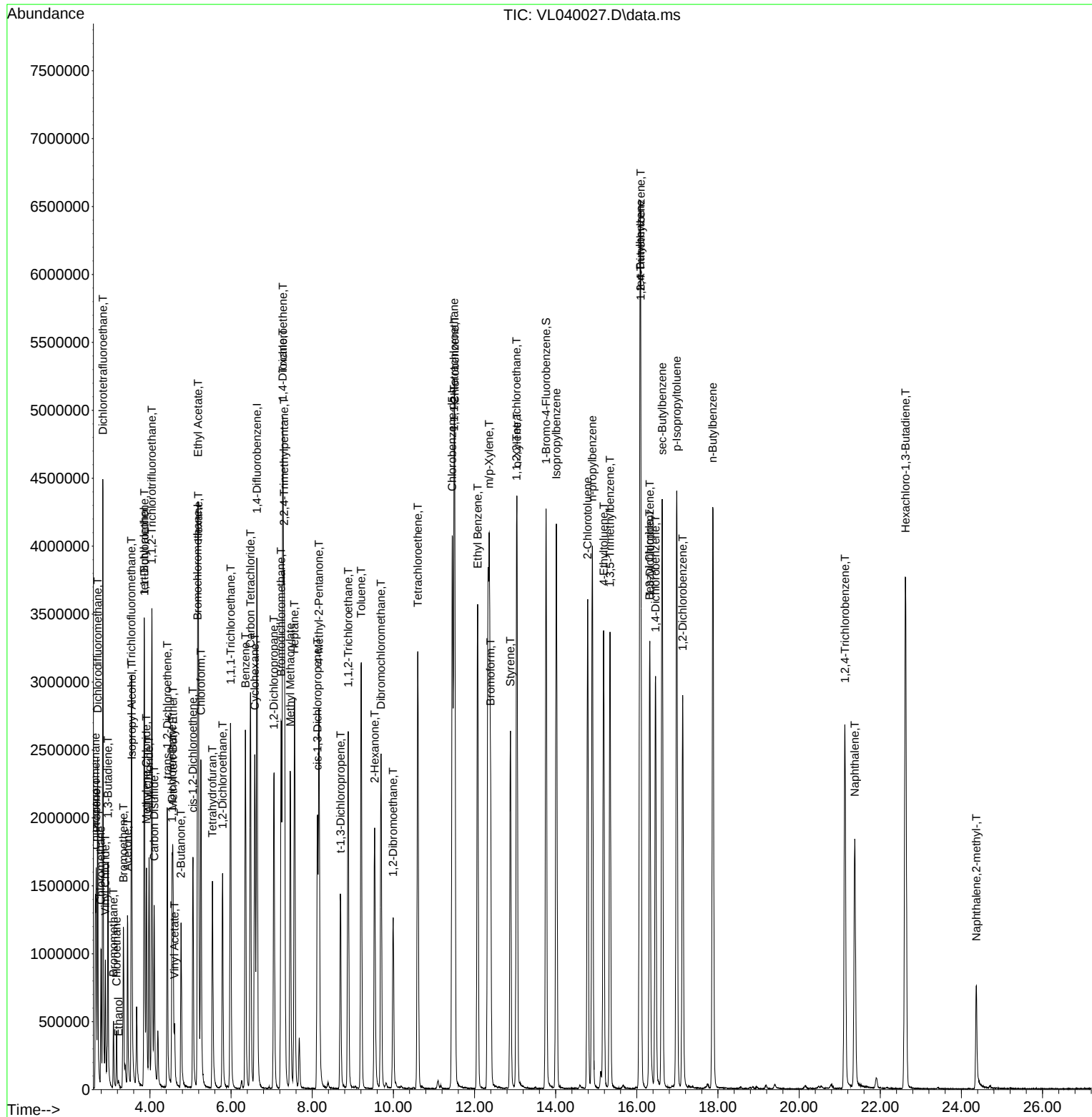
Quant Time: Dec 20 04:58:15 2022

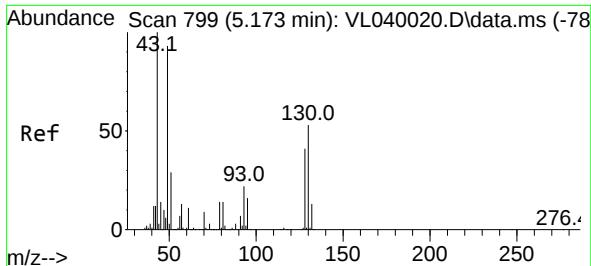
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug

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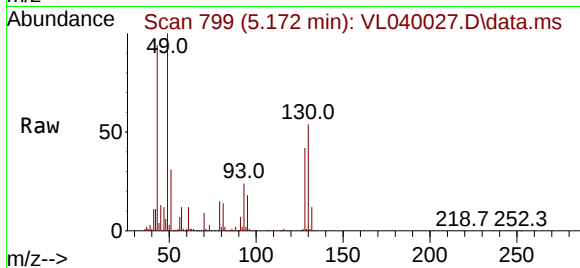
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.172 min Scan# 799
Delta R.T. -0.001 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02

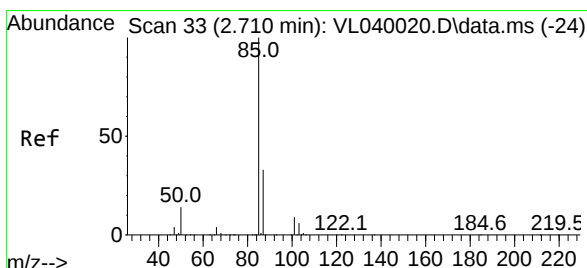
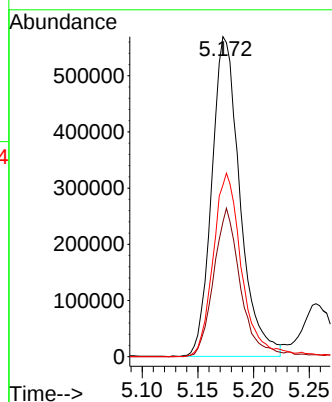
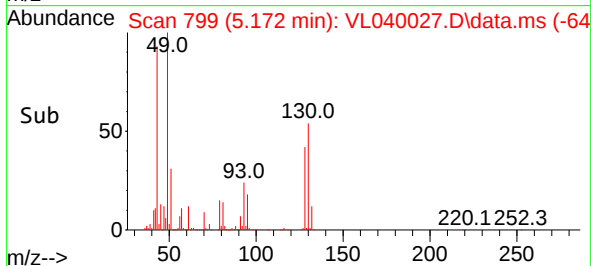
Instrument : MSVOA_L
Client Sample Id : ICVVL121922



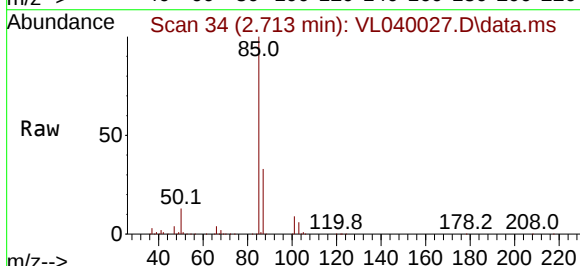
Tgt Ion: 49 Resp: 1001584
Ion Ratio Lower Upper
49 100
128 45.7 22.4 67.3
130 59.4 28.9 86.8

Manual Integrations
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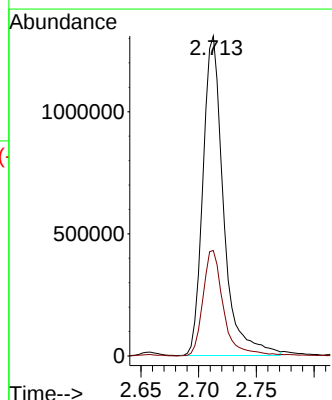
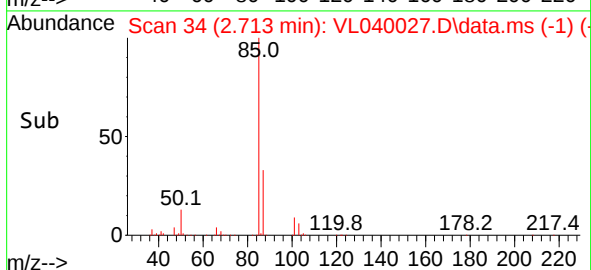
Reviewed By : Semsettin Yesilyurt 12/20/2022
Supervised By : Mahesh Dadoda 12/20/2022

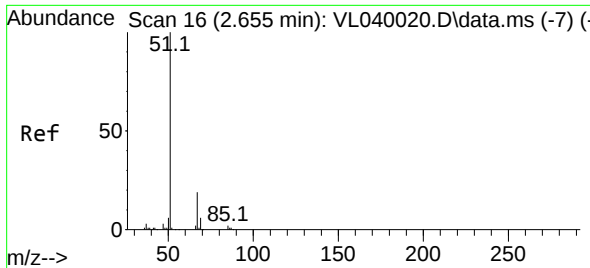


#2
Dichlorodifluoromethane
Concen: 8.676 ppbv
RT: 2.713 min Scan# 34
Delta R.T. 0.003 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02



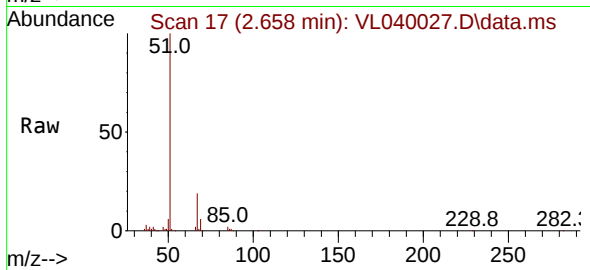
Tgt Ion: 85 Resp: 1626613
Ion Ratio Lower Upper
85 100
87 33.0 26.6 40.0





#3
Chlorodifluoromethane
Concen: 8.431 ppbv
RT: 2.658 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02

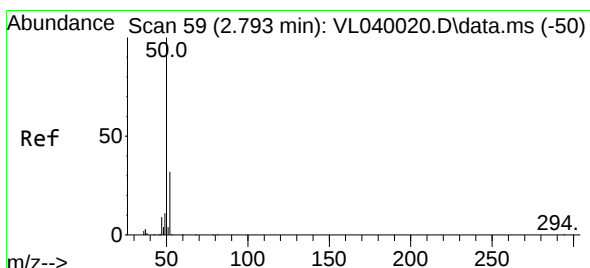
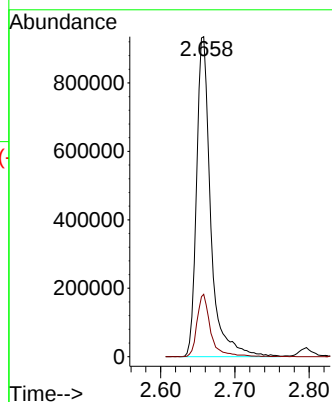
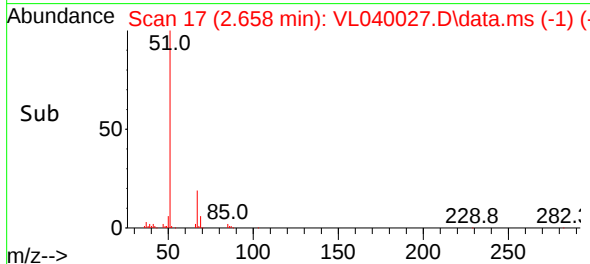
Instrument :
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ClientSampleId :
ICVVL121922



Tgt Ion: 51 Resp: 124585
Ion Ratio Lower Upper
51 100
67 18.8 15.3 22.9

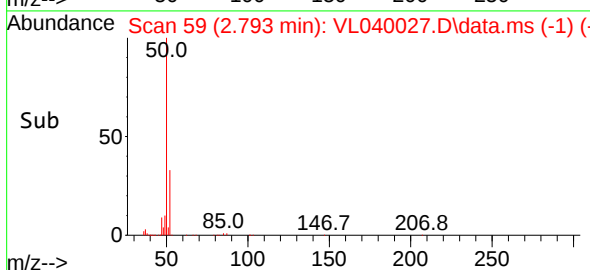
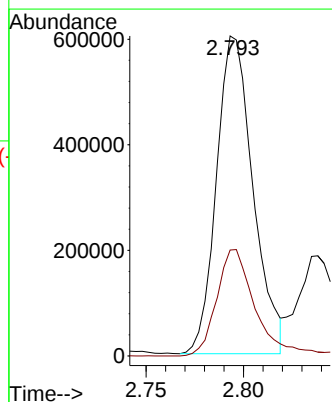
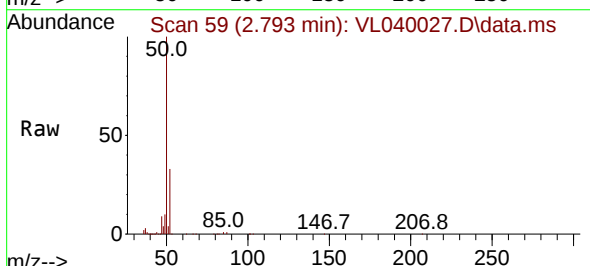
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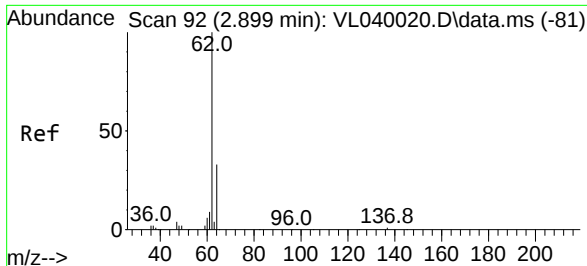
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#4
Chloromethane
Concen: 8.482 ppbv
RT: 2.793 min Scan# 59
Delta R.T. -0.000 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02

Tgt Ion: 50 Resp: 785428
Ion Ratio Lower Upper
50 100
52 33.3 25.5 38.3





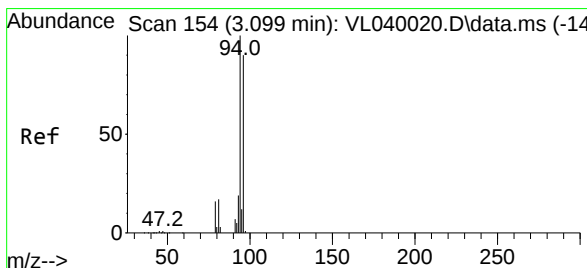
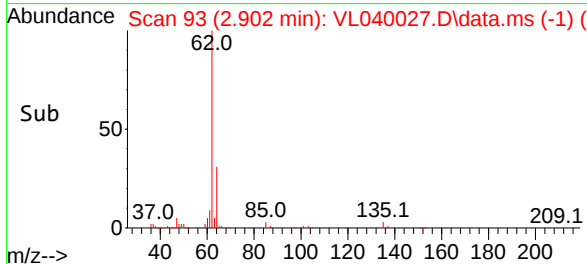
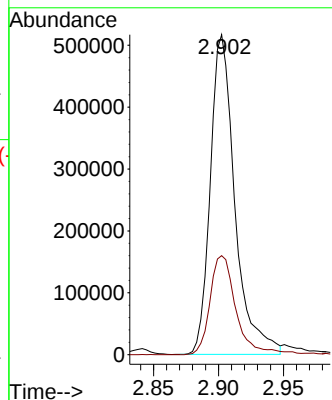
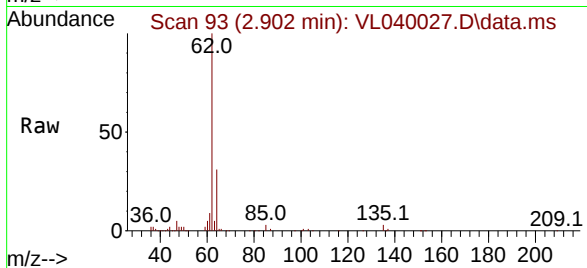
#5
 Vinyl Chloride
 Concen: 9.078 ppbv
 RT: 2.902 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VL040027.D
 Acq: 19 Dec 2022 14:02

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL121922

Tgt Ion: 62 Resp: 680128
 Ion Ratio Lower Upper
 62 100
 64 31.0 26.1 39.1

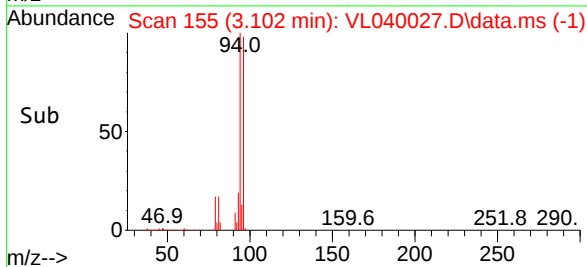
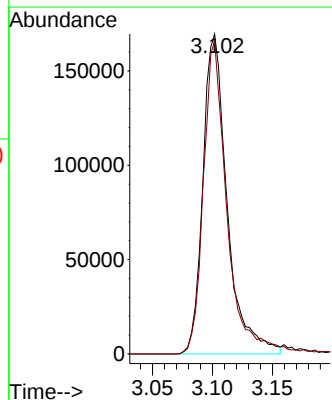
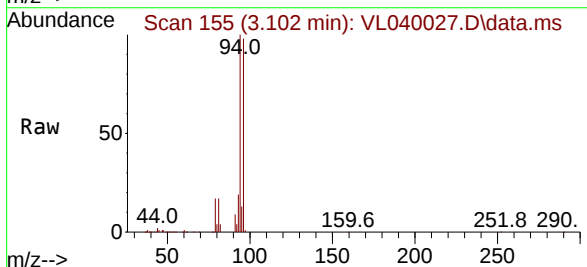
Manual Integrations
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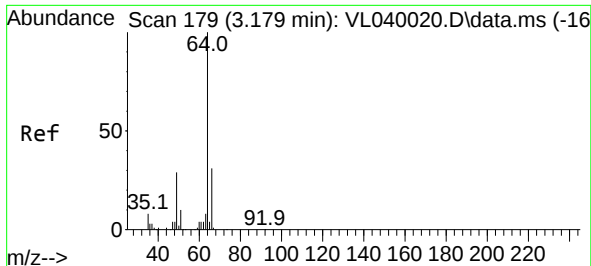
Reviewed By :Semsettin Yesilyurt 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022



#6
 Bromomethane
 Concen: 8.693 ppbv
 RT: 3.102 min Scan# 155
 Delta R.T. 0.003 min
 Lab File: VL040027.D
 Acq: 19 Dec 2022 14:02

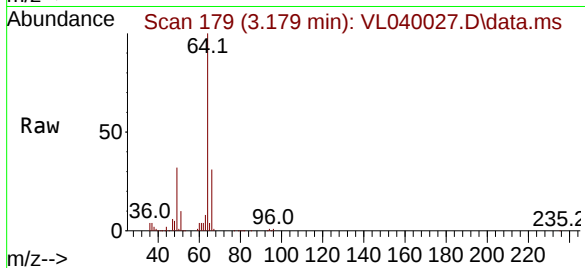
Tgt Ion: 94 Resp: 239286
 Ion Ratio Lower Upper
 94 100
 96 97.7 72.0 108.0





#7
Chloroethane
Concen: 8.642 ppbv
RT: 3.179 min Scan# 179
Delta R.T. -0.000 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02

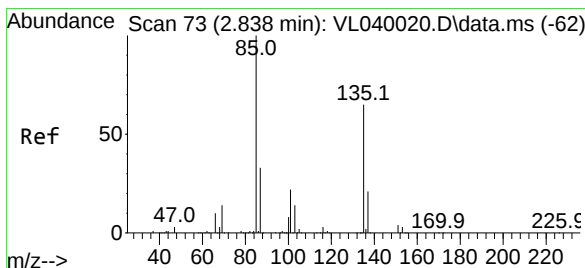
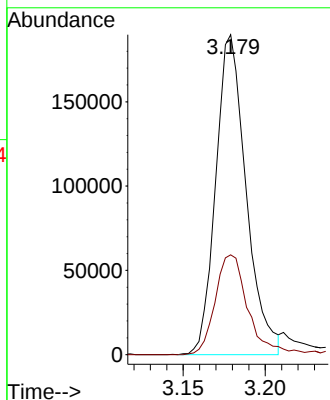
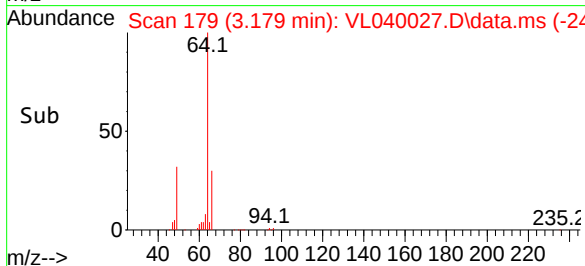
Instrument : MSVOA_L
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Tgt Ion: 64 Resp: 24428
Ion Ratio Lower Upper
64 100
66 31.2 24.6 37.0

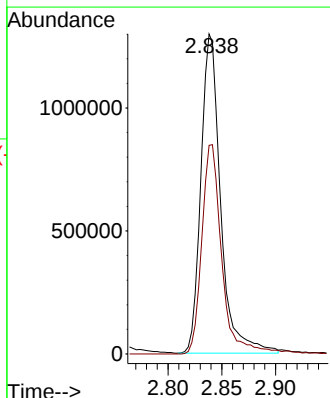
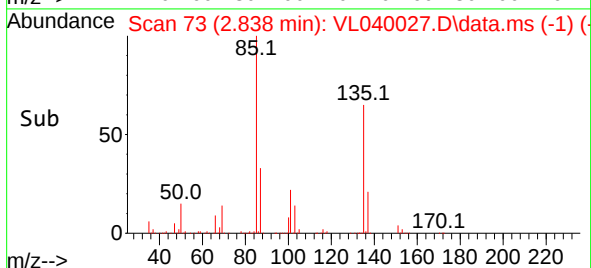
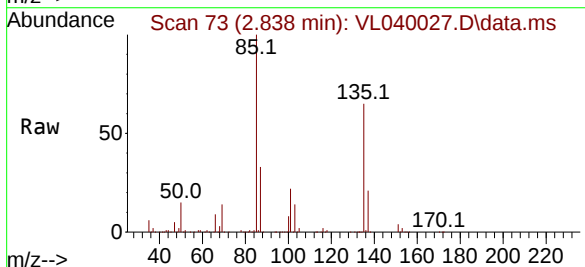
Manual Integrations
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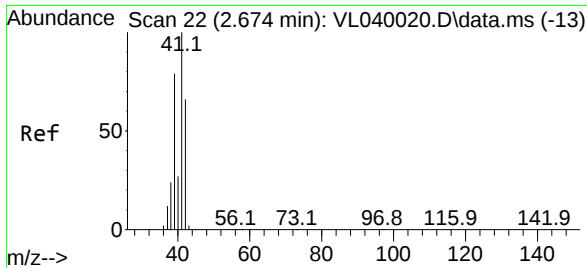
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#8
Dichlorotetrafluoroethane
Concen: 8.388 ppbv
RT: 2.838 min Scan# 73
Delta R.T. -0.000 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02

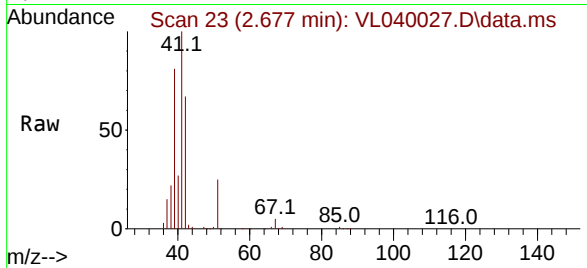
Tgt Ion: 85 Resp: 1654511
Ion Ratio Lower Upper
85 100
135 67.2 53.2 79.8





#9
 Propene
 Concen: 8.963 ppbv
 RT: 2.677 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VL040027.D
 Acq: 19 Dec 2022 14:02

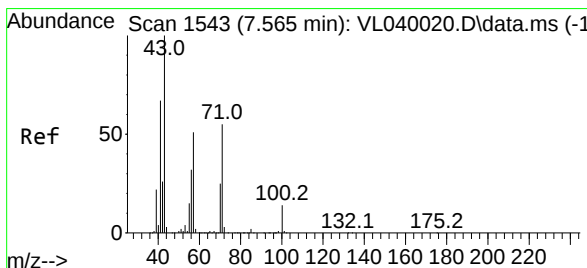
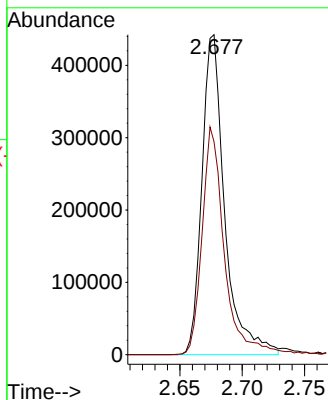
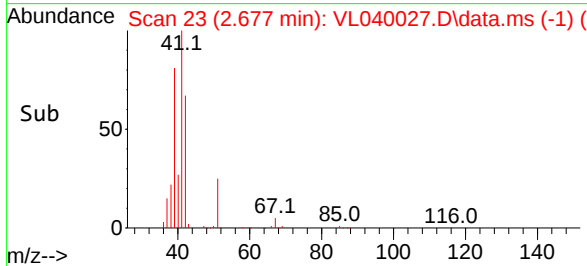
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Tgt Ion: 41 Resp: 56207
 Ion Ratio Lower Upper
 41 100
 42 70.1 54.8 82.2

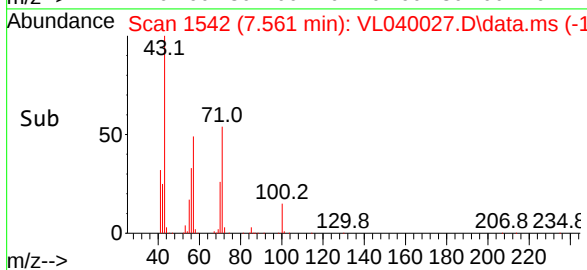
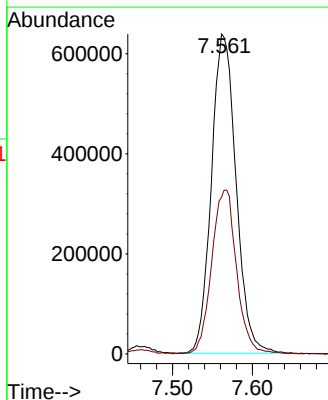
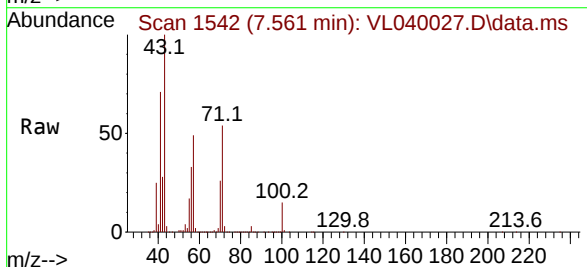
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 APPROVED

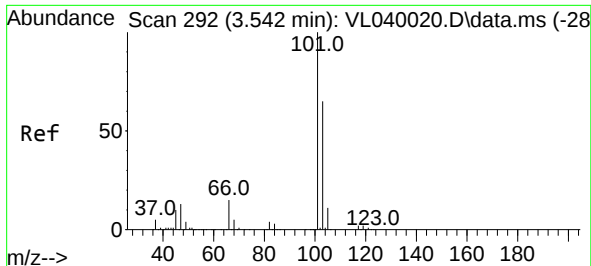
Reviewed By :Semsettin Yesilyurt 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022



#10
 Heptane
 Concen: 8.901 ppbv
 RT: 7.561 min Scan# 1542
 Delta R.T. -0.003 min
 Lab File: VL040027.D
 Acq: 19 Dec 2022 14:02

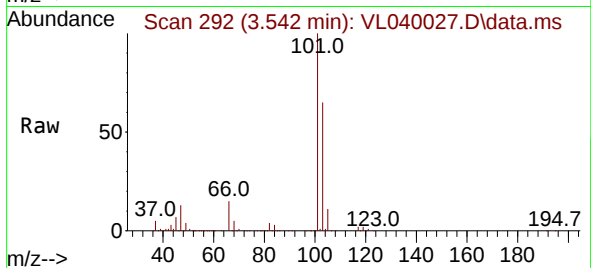
Tgt Ion: 43 Resp: 1362385
 Ion Ratio Lower Upper
 43 100
 57 52.0 41.2 61.8





#11
 Trichlorofluoromethane
 Concen: 8.512 ppbv
 RT: 3.542 min Scan# 292
 Delta R.T. -0.000 min
 Lab File: VL040027.D
 Acq: 19 Dec 2022 14:02

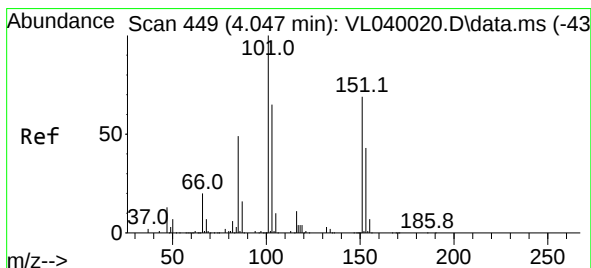
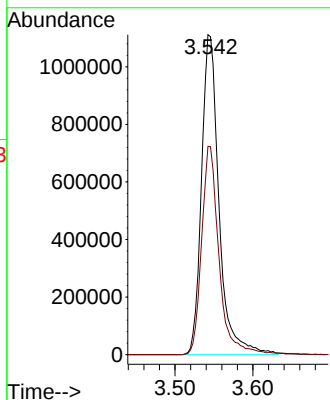
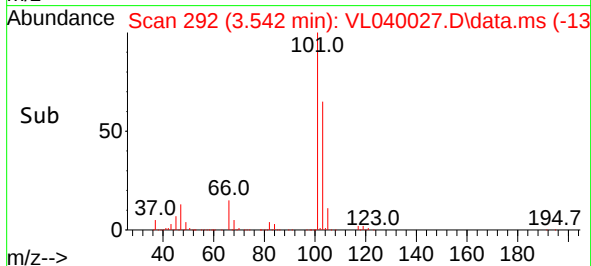
Instrument : MSVOA_L
 ClientSampleId : ICVVL121922



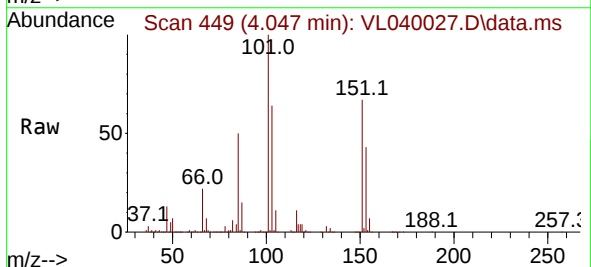
Tgt Ion:101 Resp: 173412
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.7 77.5

Manual Integrations
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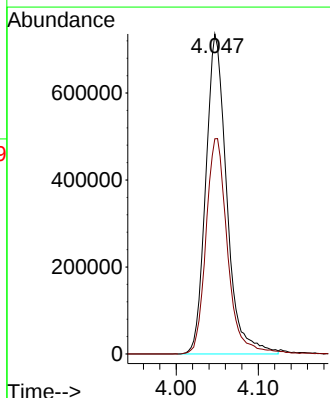
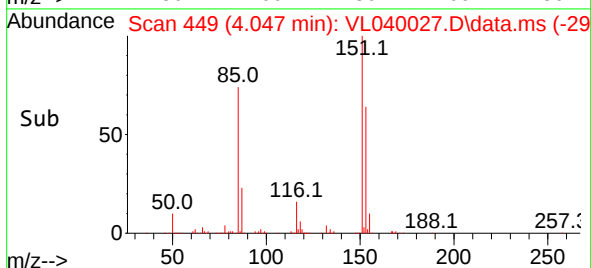
Reviewed By :Semsettin Yesilyurt 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022

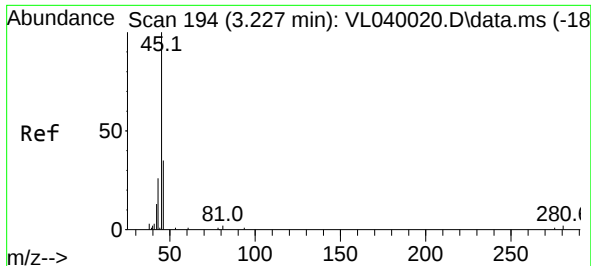


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.460 ppbv
 RT: 4.047 min Scan# 449
 Delta R.T. -0.000 min
 Lab File: VL040027.D
 Acq: 19 Dec 2022 14:02



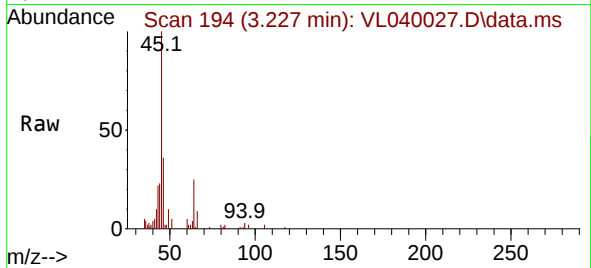
Tgt Ion:101 Resp: 1305267
 Ion Ratio Lower Upper
 101 100
 151 69.6 55.0 82.4





#13
Ethanol
Concen: 7.663 ppbv m
RT: 3.227 min Scan# 194
Delta R.T. -0.000 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02

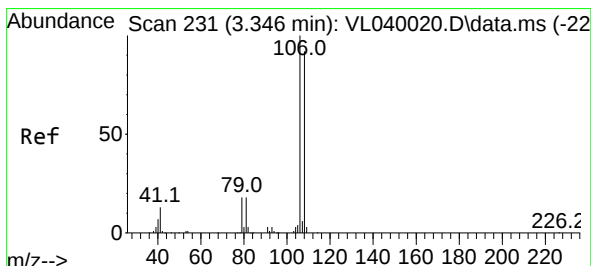
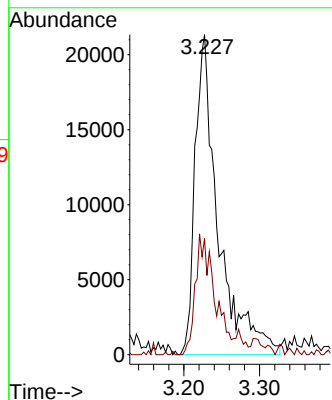
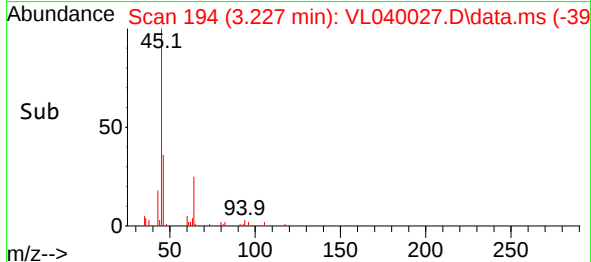
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121922



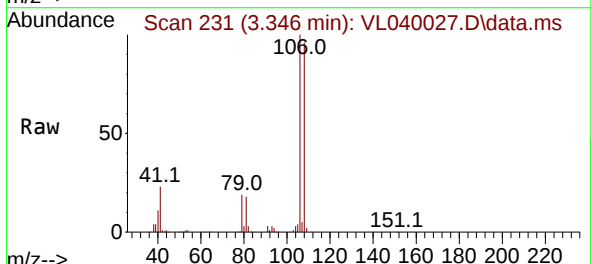
Tgt Ion: 45 Resp: 4523
Ion Ratio Lower Upper
45 100
46 38.5 13.7 54.7

Manual Integrations
APPROVED

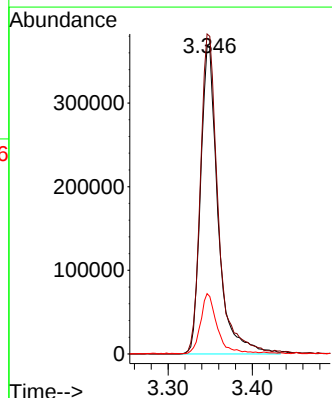
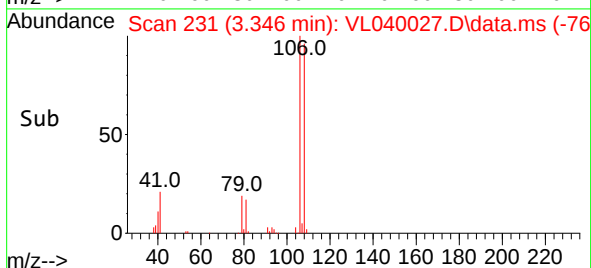
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

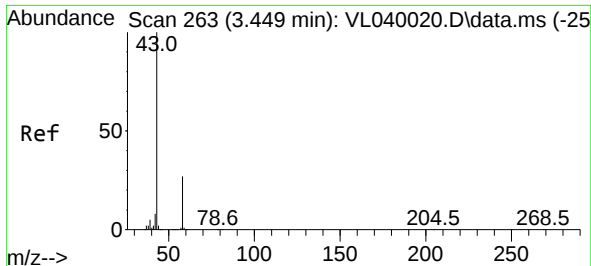


#14
Bromoethene
Concen: 9.153 ppbv
RT: 3.346 min Scan# 231
Delta R.T. -0.000 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02



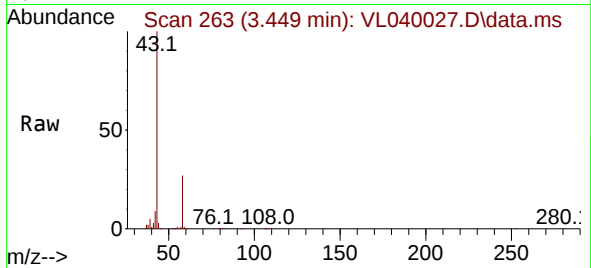
Tgt Ion:108 Resp: 531782
Ion Ratio Lower Upper
108 100
106 106.7 87.5 131.3
79 19.5 15.8 23.8





#15
Acetone
Concen: 7.685 ppbv
RT: 3.449 min Scan# 20
Delta R.T. -0.000 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02

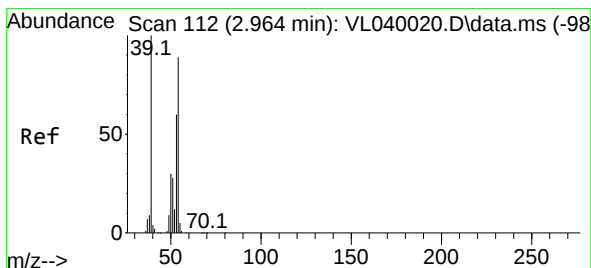
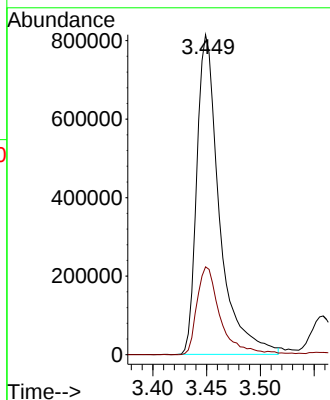
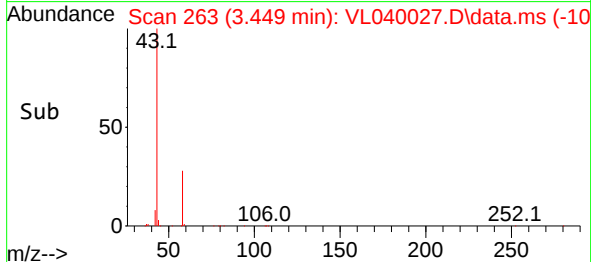
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121922



Tgt Ion: 43 Resp: 1190679
Ion Ratio Lower Upper
43 100
58 28.8 21.8 32.8

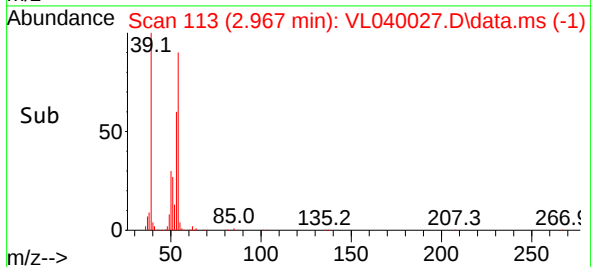
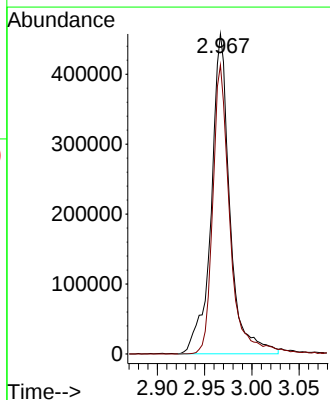
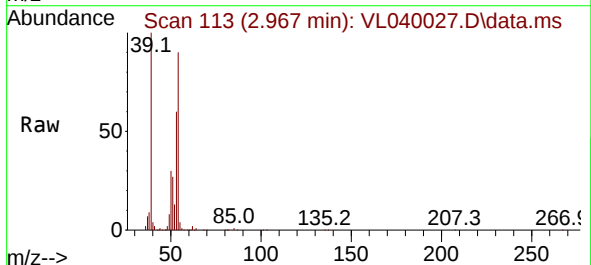
Manual Integrations
APPROVED

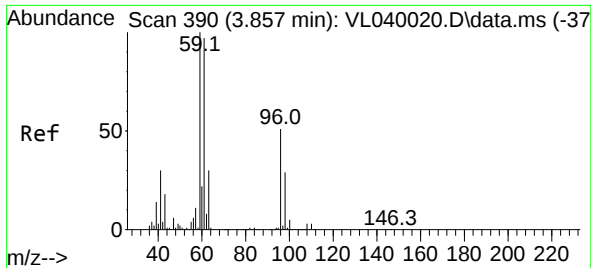
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#16
1,3-Butadiene
Concen: 9.338 ppbv
RT: 2.967 min Scan# 113
Delta R.T. 0.003 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02

Tgt Ion: 39 Resp: 628870
Ion Ratio Lower Upper
39 100
54 83.7 68.3 102.5





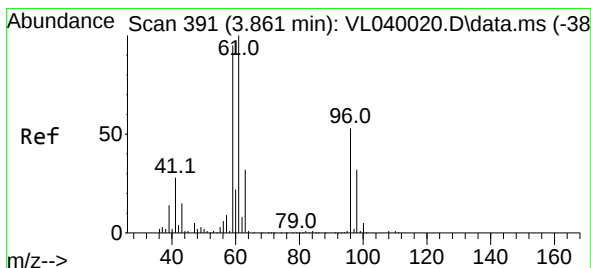
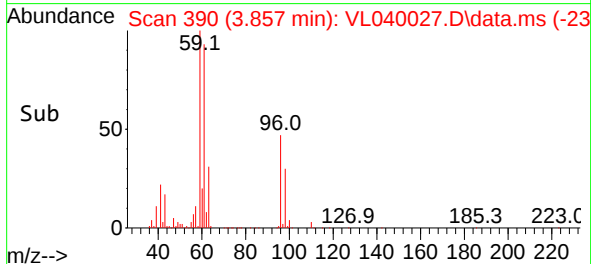
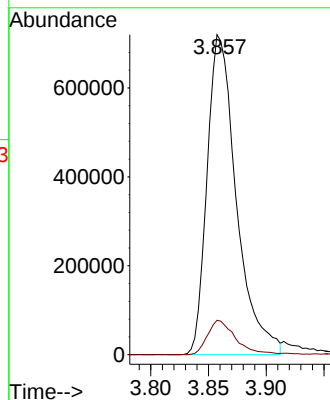
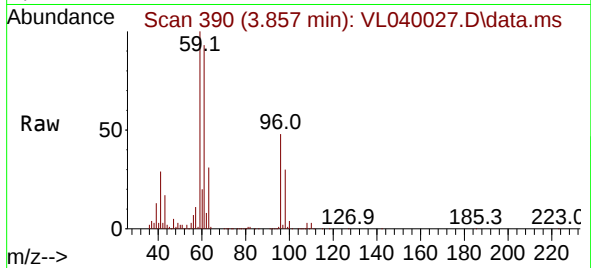
#17
tert-Butyl alcohol
Concen: 8.322 ppbv
RT: 3.857 min Scan# 390
Delta R.T. -0.000 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02

Instrument : MSVOA_L
ClientSampleId : ICVVL121922

Tgt Ion: 59 Resp: 1271194
Ion Ratio Lower Upper
59 100
57 10.8 8.4 12.6

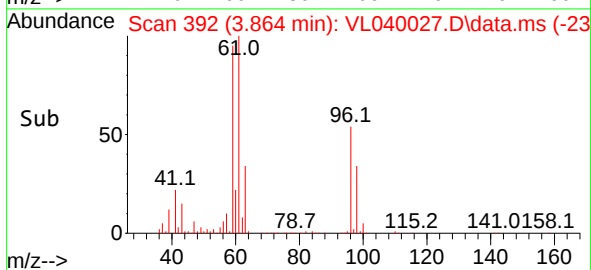
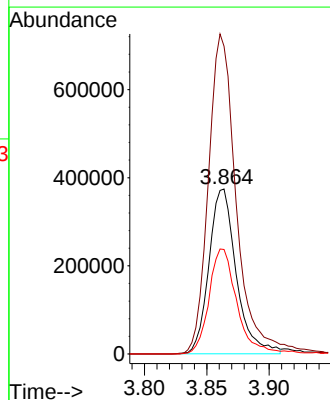
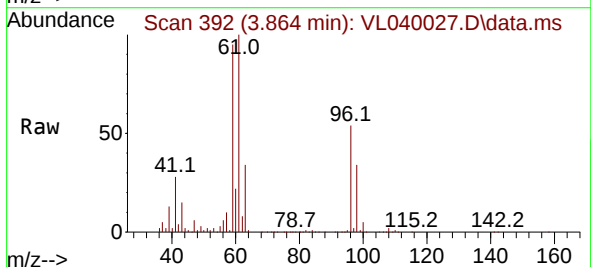
Manual Integrations
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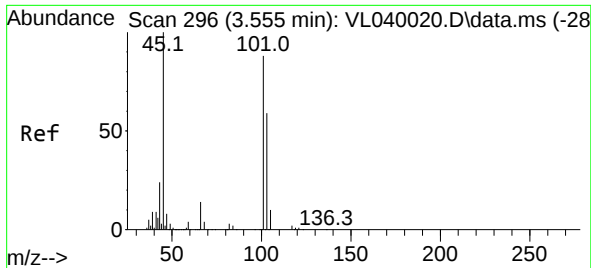
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#18
1,1-Dichloroethene
Concen: 8.529 ppbv
RT: 3.864 min Scan# 392
Delta R.T. 0.003 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02

Tgt Ion: 96 Resp: 572767
Ion Ratio Lower Upper
96 100
61 186.1 151.0 226.6
98 63.3 47.7 71.5





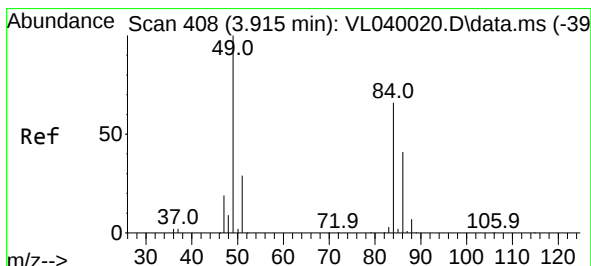
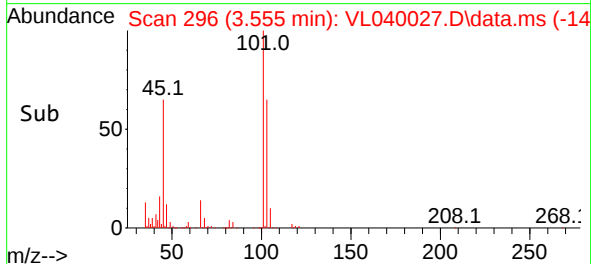
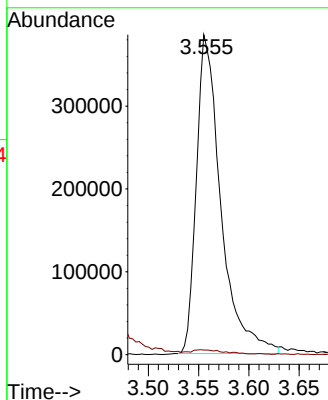
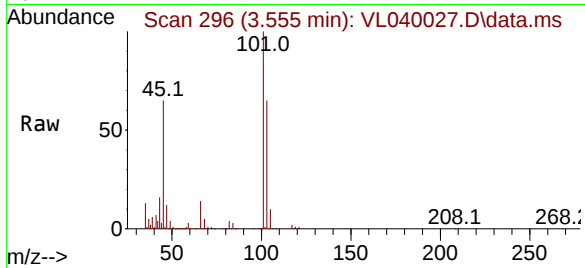
#19
Isopropyl Alcohol
Concen: 8.527 ppbv
RT: 3.555 min Scan# 296
Delta R.T. -0.000 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02

Instrument : MSVOA_L
ClientSampleId : ICVVL121922

Tgt Ion: 45 Resp: 651098
Ion Ratio Lower Upper
45 100
58 2.3 1.7 2.5

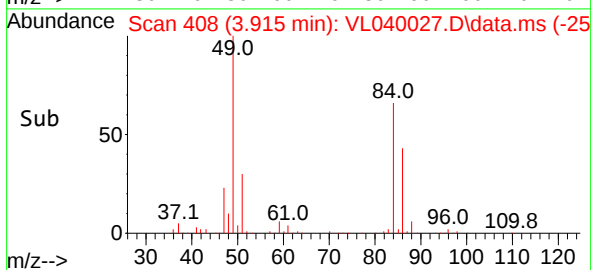
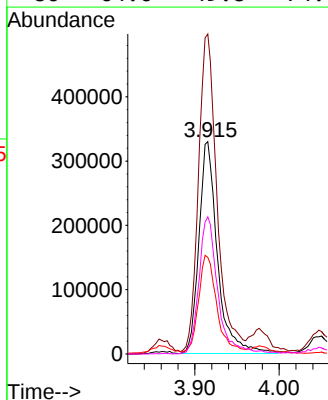
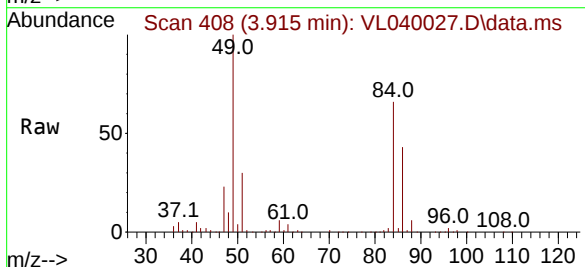
Manual Integrations
APPROVED

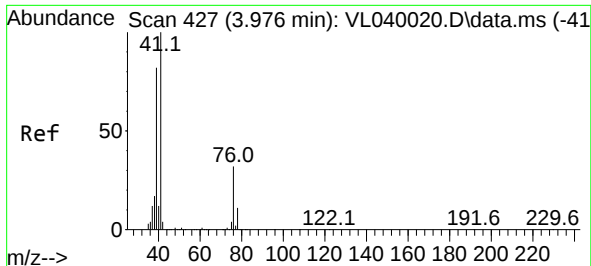
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#20
Methylene Chloride
Concen: 7.694 ppbv
RT: 3.915 min Scan# 408
Delta R.T. -0.000 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02

Tgt Ion: 84 Resp: 506714
Ion Ratio Lower Upper
84 100
49 149.4 120.5 180.7
51 44.3 35.2 52.8
86 64.6 49.8 74.6





#21

Allyl Chloride

Concen: 9.211 ppbv

RT: 3.976 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL040027.D

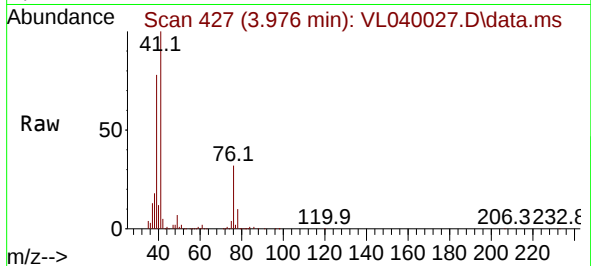
Acq: 19 Dec 2022 14:02

Instrument :

MSVOA_L

ClientSampleId :

ICVVL121922



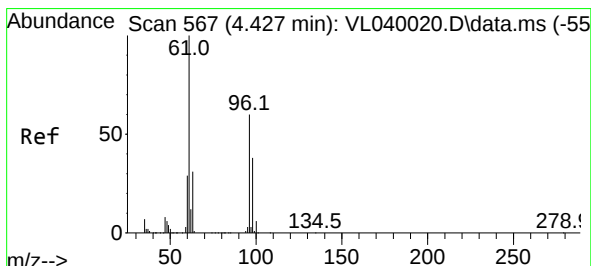
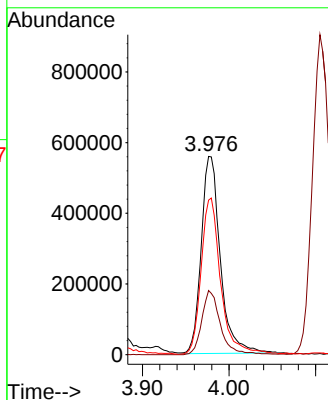
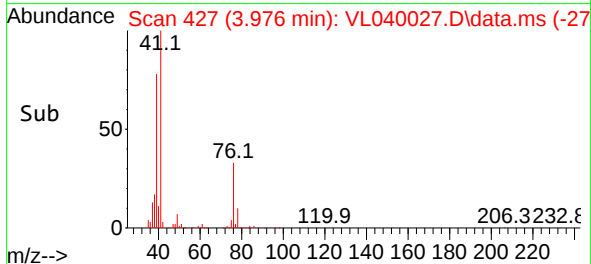
Tgt Ion: 41 Resp: 857640

Ion	Ratio	Lower	Upper
41	100		
76	31.6	25.9	38.9
39	80.6	66.0	99.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#22

trans-1,2-Dichloroethene

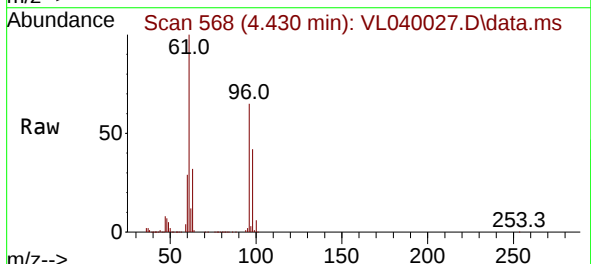
Concen: 9.015 ppbv

RT: 4.430 min Scan# 568

Delta R.T. 0.003 min

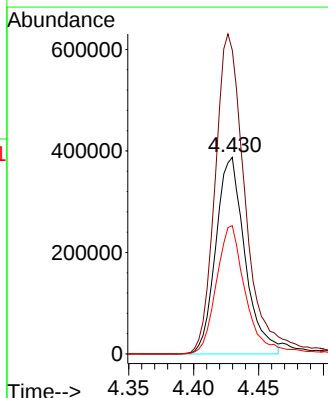
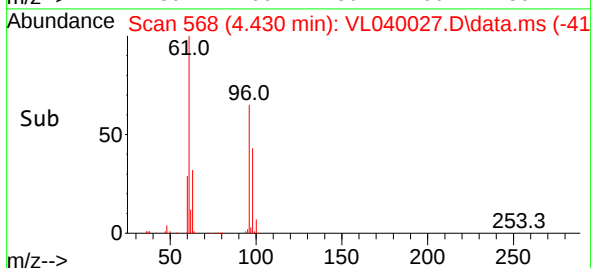
Lab File: VL040027.D

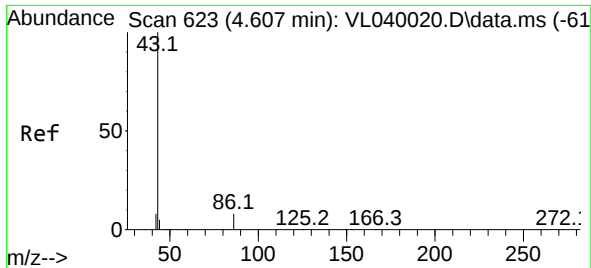
Acq: 19 Dec 2022 14:02



Tgt Ion: 96 Resp: 603390

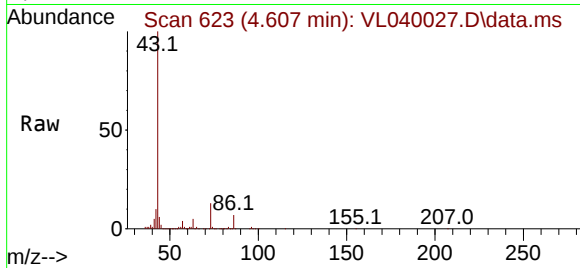
Ion	Ratio	Lower	Upper
96	100		
61	154.4	133.6	200.4
98	65.2	51.4	77.0





#23
 Vinyl Acetate
 Concen: 9.203 ppbv
 RT: 4.607 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL040027.D
 Acq: 19 Dec 2022 14:02

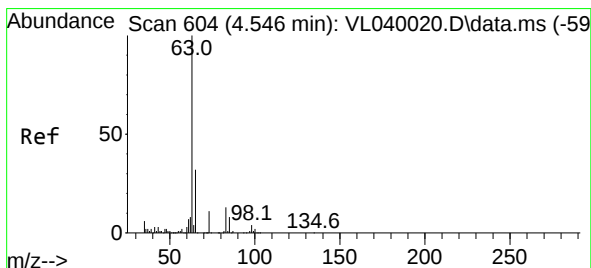
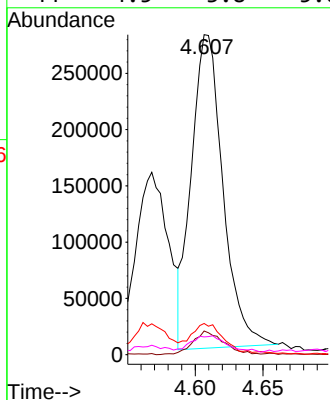
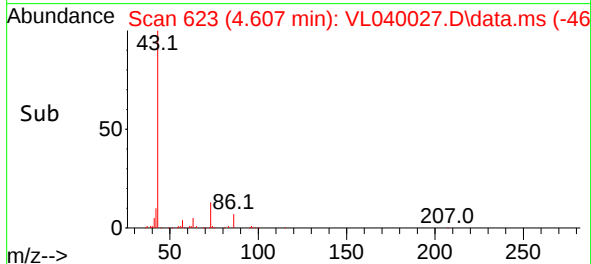
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL121922



Tgt Ion: 43 Resp: 45204
 Ion Ratio Lower Upper
 43 100
 86 7.6 5.3 7.9
 42 9.7 7.4 11.0
 44 4.5 3.8 5.6

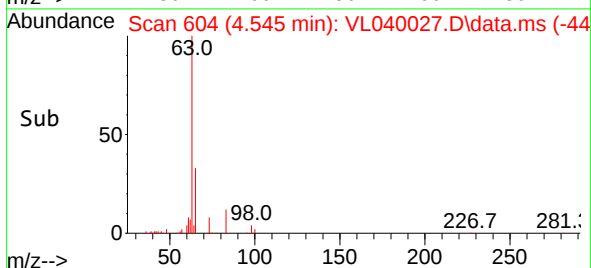
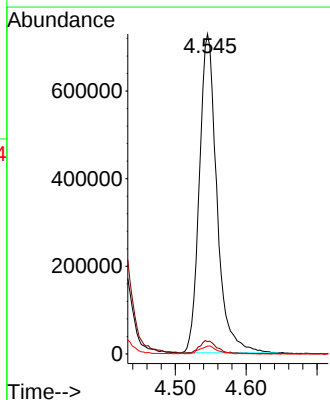
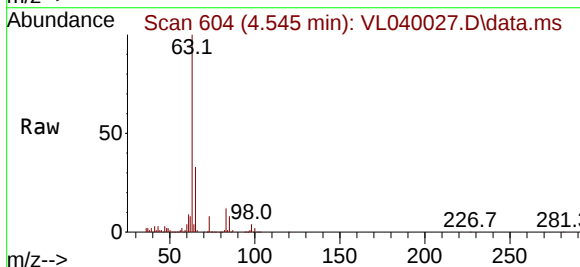
Manual Integrations
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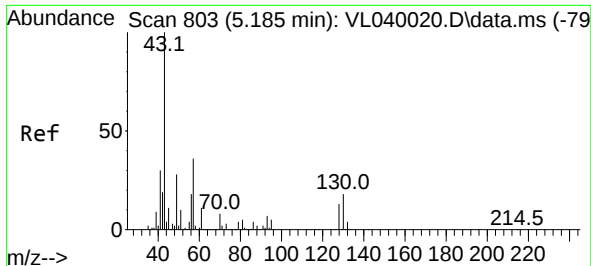
Reviewed By :Semsettin Yesilyurt 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022



#24
 1,1-Dichloroethane
 Concen: 8.641 ppbv
 RT: 4.545 min Scan# 604
 Delta R.T. -0.000 min
 Lab File: VL040027.D
 Acq: 19 Dec 2022 14:02

Tgt Ion: 63 Resp: 1246486
 Ion Ratio Lower Upper
 63 100
 98 3.7 2.1 6.2
 100 2.5 1.1 3.3





#25

Ethyl Acetate

Concen: 8.490 ppbv

RT: 5.185 min Scan# 803

Delta R.T. -0.000 min

Lab File: VL040027.D

Acq: 19 Dec 2022 14:02

Instrument :

MSVOA_L

ClientSampleId :

ICVVL121922

Tgt Ion: 43 Resp: 227816

Ion Ratio Lower Upper

43 100

45 10.4 8.6 12.8

61 10.4 8.5 12.7

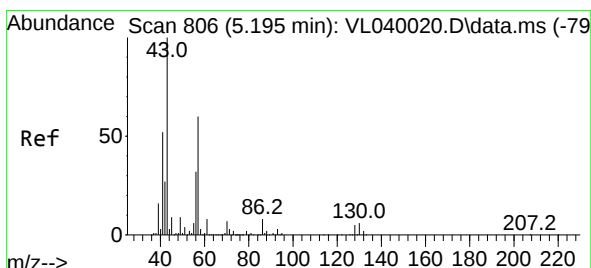
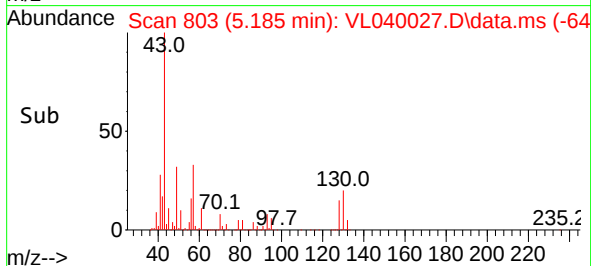
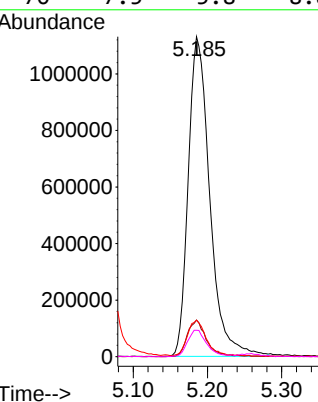
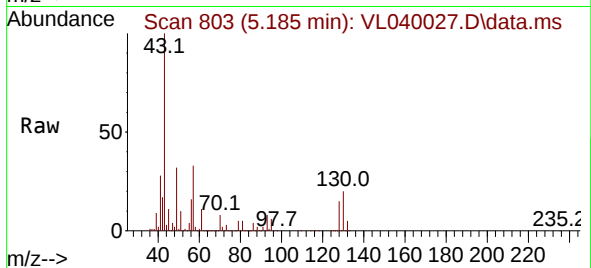
70 7.5 5.8 8.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#26

Hexane

Concen: 8.828 ppbv

RT: 5.195 min Scan# 806

Delta R.T. -0.000 min

Lab File: VL040027.D

Acq: 19 Dec 2022 14:02

Tgt Ion: 57 Resp: 995616

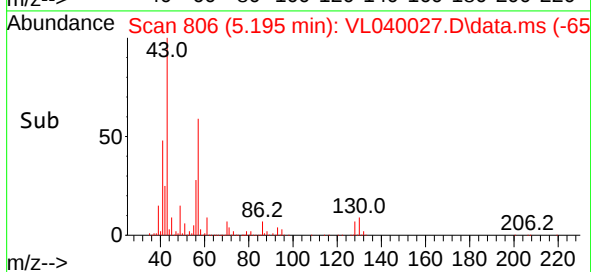
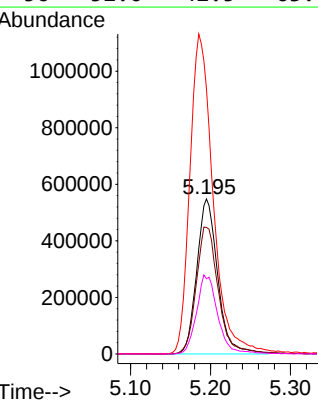
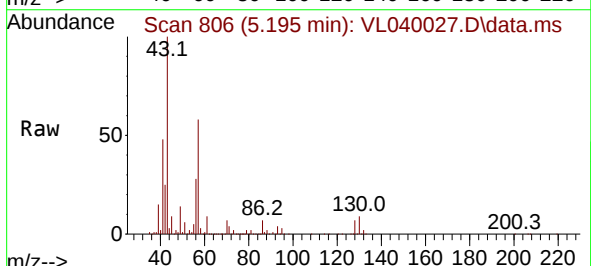
Ion Ratio Lower Upper

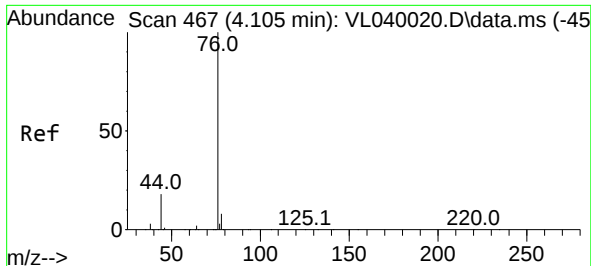
57 100

41 87.5 72.1 108.1

43 230.9 192.1 288.1

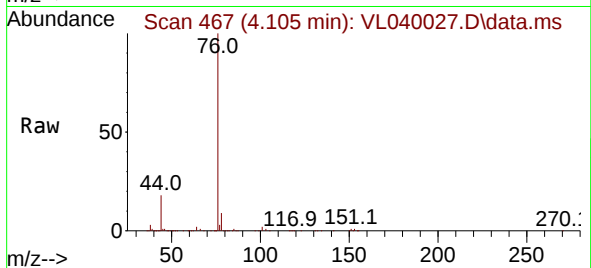
56 52.0 42.5 63.7





#27
Carbon Disulfide
Concen: 10.023 ppbv
RT: 4.105 min Scan# 40
Delta R.T. -0.000 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02

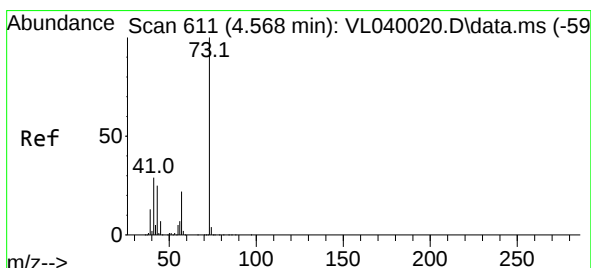
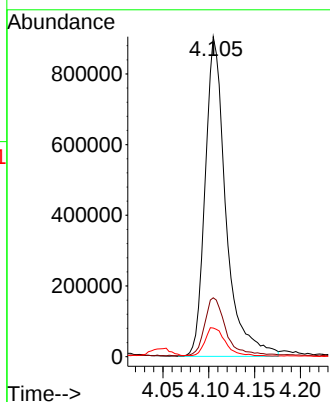
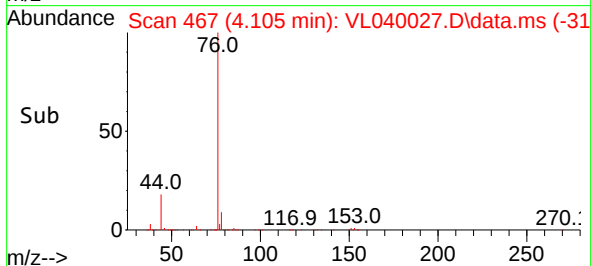
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121922



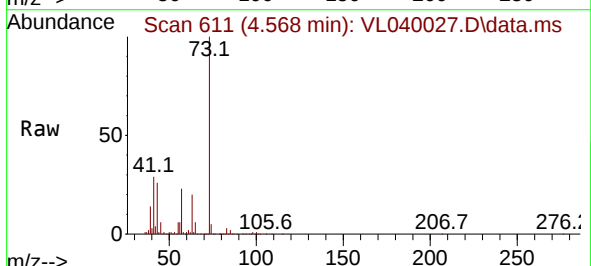
Tgt Ion: 76 Resp: 142585
Ion Ratio Lower Upper
76 100
44 19.3 15.3 22.9
78 9.7 7.8 11.6

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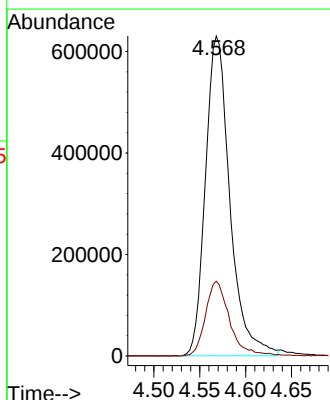
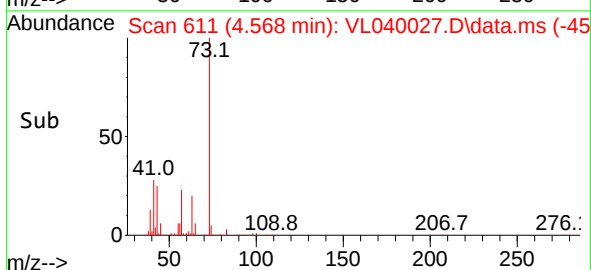
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

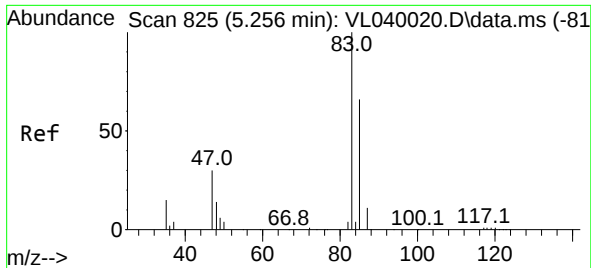


#28
Methyl tert-Butyl Ether
Concen: 8.781 ppbv
RT: 4.568 min Scan# 611
Delta R.T. -0.000 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02



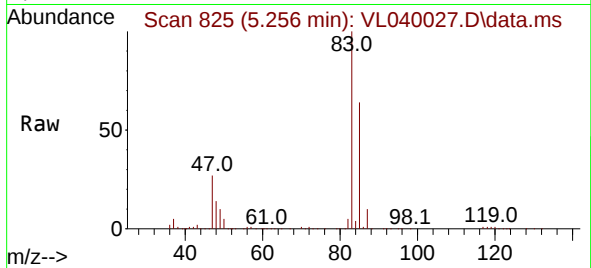
Tgt Ion: 73 Resp: 1167105
Ion Ratio Lower Upper
73 100
57 23.4 18.6 28.0





#29
Chloroform
Concen: 9.604 ppbv
RT: 5.256 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02

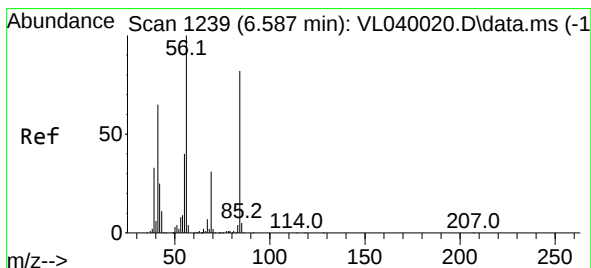
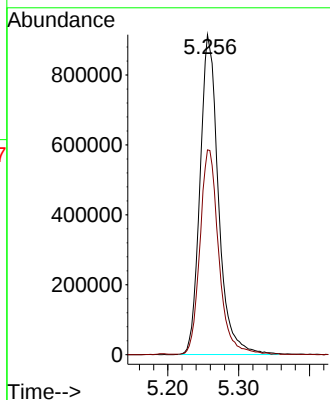
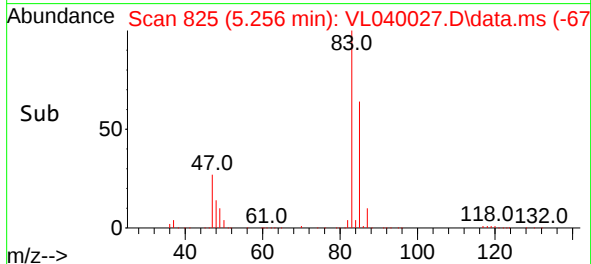
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121922



Tgt Ion: 83 Resp: 165283
Ion Ratio Lower Upper
83 100
85 63.9 52.4 78.6

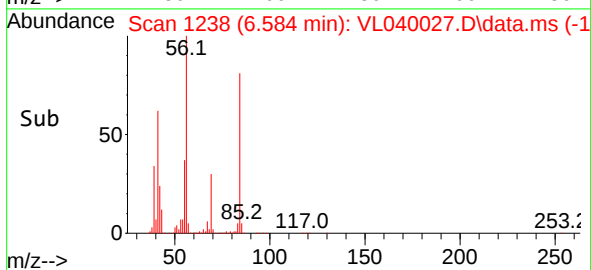
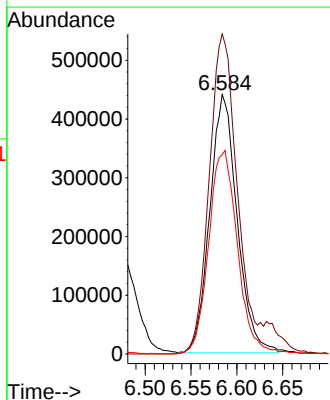
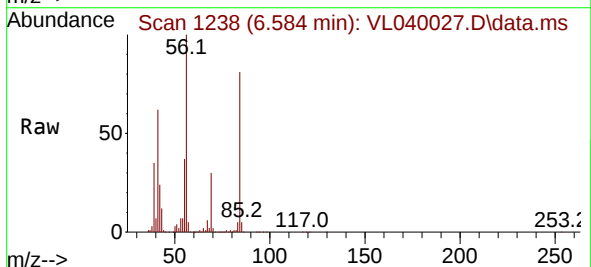
Manual Integrations
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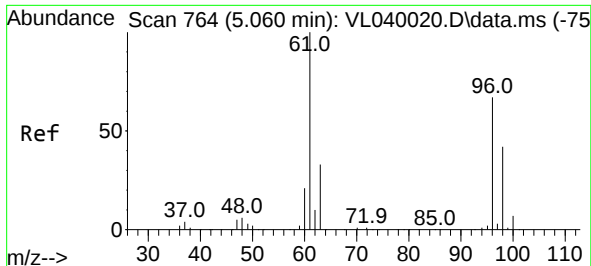
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#30
Cyclohexane
Concen: 9.130 ppbv
RT: 6.584 min Scan# 1238
Delta R.T. -0.003 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02

Tgt Ion: 84 Resp: 911869
Ion Ratio Lower Upper
84 100
56 135.1 110.2 165.4
41 83.2 67.8 101.8





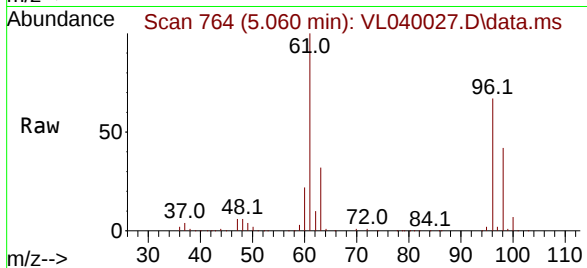
#31
 cis-1,2-Dichloroethene
 Concen: 8.850 ppbv
 RT: 5.060 min Scan# 764
 Delta R.T. -0.000 min
 Lab File: VL040027.D
 Acq: 19 Dec 2022 14:02

Instrument :

MSVOA_L

ClientSampleId :

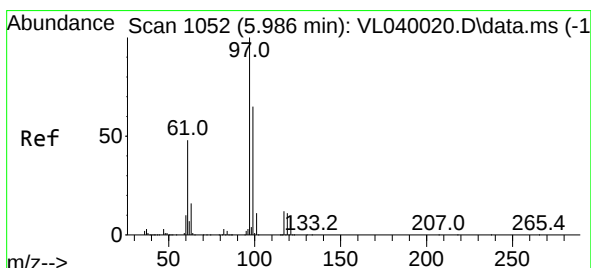
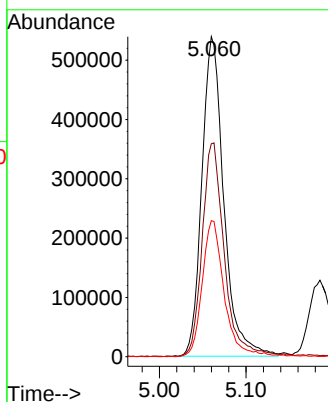
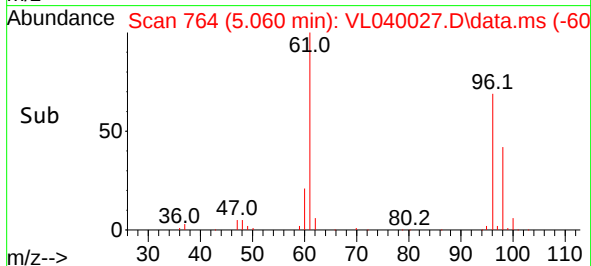
ICVVL121922



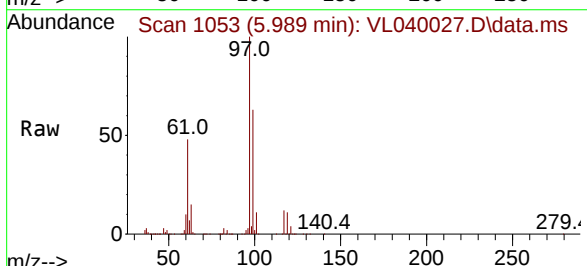
Tgt Ion: 61 Resp: 950492
 Ion Ratio Lower Upper
 61 100
 96 66.5 53.4 80.2
 98 42.5 33.4 50.0

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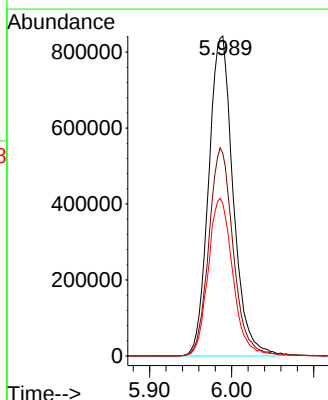
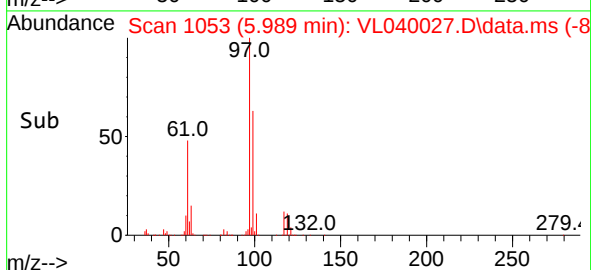
Reviewed By :Semsettin Yesilyurt 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022

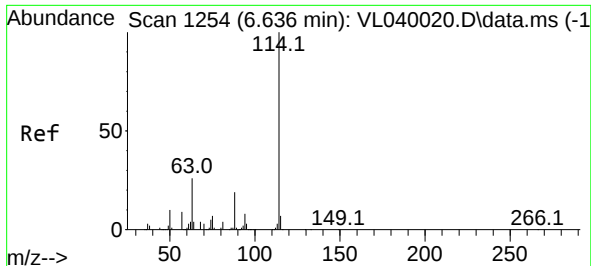


#32
 1,1,1-Trichloroethane
 Concen: 9.504 ppbv
 RT: 5.989 min Scan# 1053
 Delta R.T. 0.003 min
 Lab File: VL040027.D
 Acq: 19 Dec 2022 14:02



Tgt Ion: 97 Resp: 1751065
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.8 77.6
 61 49.8 39.8 59.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.635 min Scan# 1

Delta R.T. -0.000 min

Lab File: VL040027.D

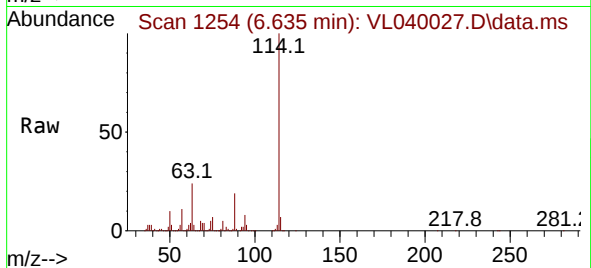
Acq: 19 Dec 2022 14:02

Instrument :

MSVOA_L

ClientSampleId :

ICVVL121922



Tgt Ion:114 Resp: 296333

Ion Ratio Lower Upper

114 100

63 25.2 20.2 30.2

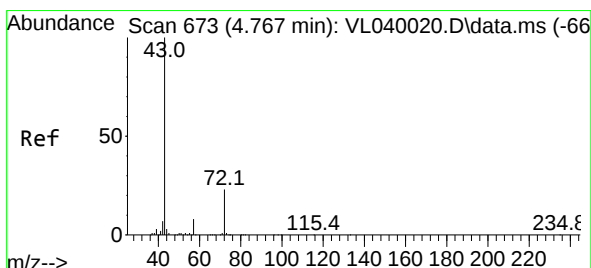
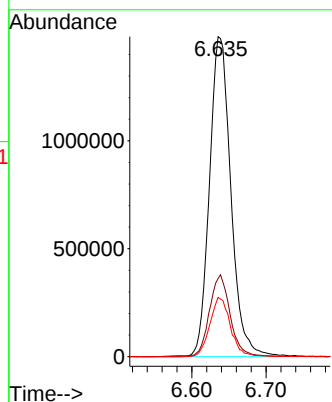
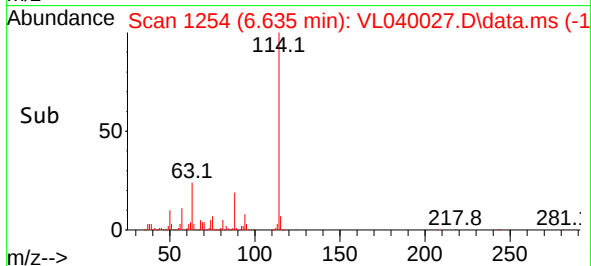
88 18.0 14.6 21.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#34

2-Butanone

Concen: 8.392 ppbv

RT: 4.767 min Scan# 673

Delta R.T. -0.000 min

Lab File: VL040027.D

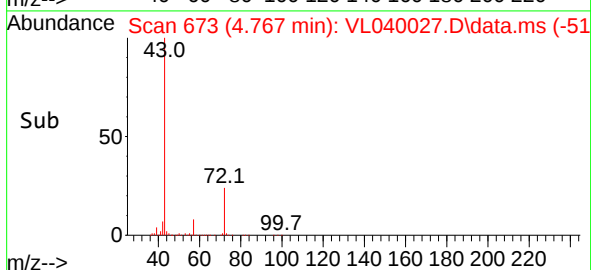
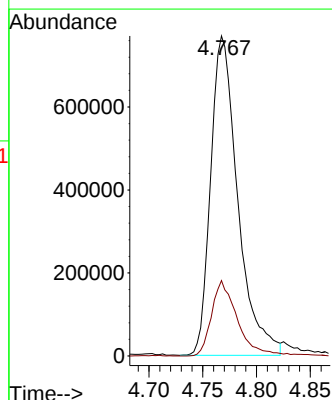
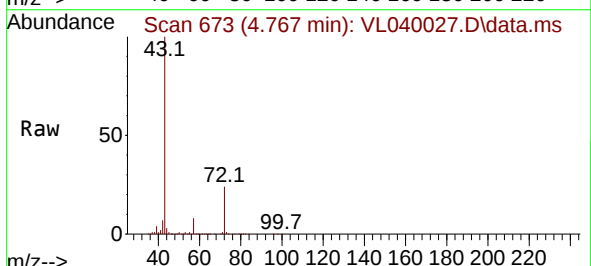
Acq: 19 Dec 2022 14:02

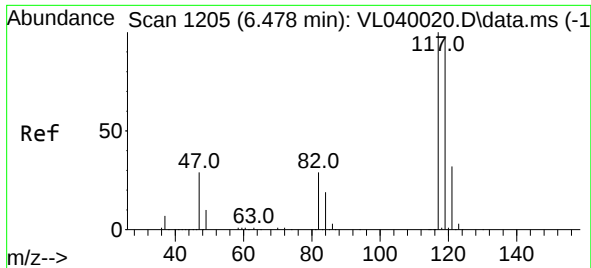
Tgt Ion: 43 Resp: 1349099

Ion Ratio Lower Upper

43 100

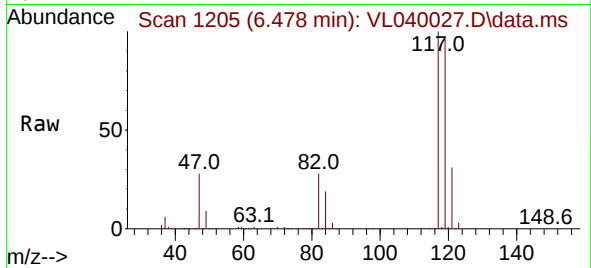
72 23.0 18.0 27.0





#35
Carbon Tetrachloride
Concen: 9.781 ppbv
RT: 6.478 min Scan# 1166
Delta R.T. -0.000 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02

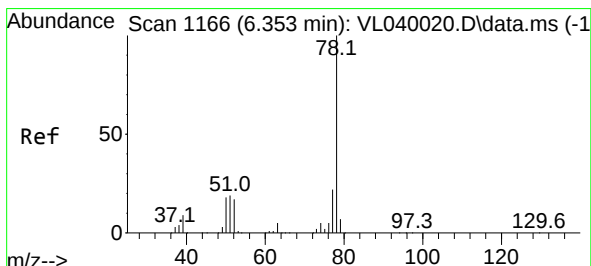
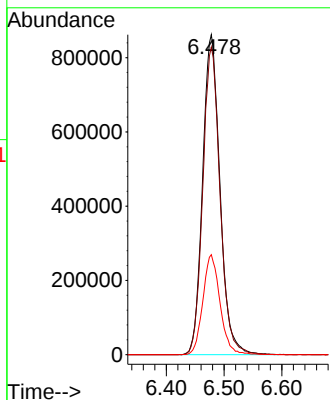
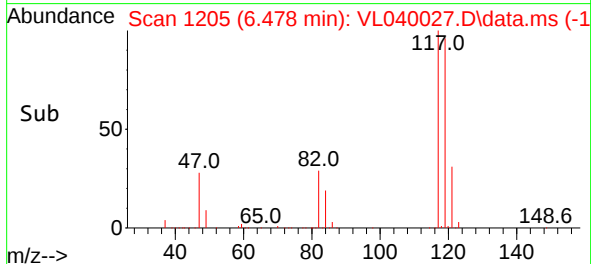
Instrument : MSVOA_L
ClientSampleId : ICVVL121922



Tgt Ion: 117 Resp: 1800360
Ion Ratio Lower Upper
117 100
119 96.1 77.3 115.9
121 31.3 25.4 38.0

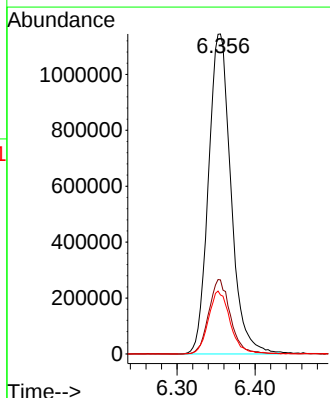
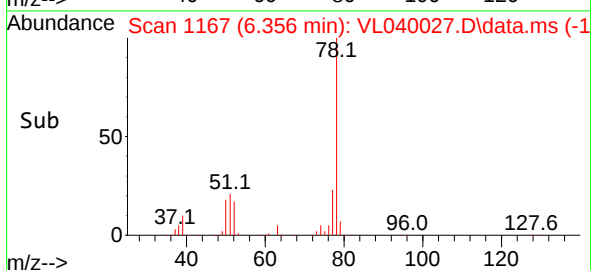
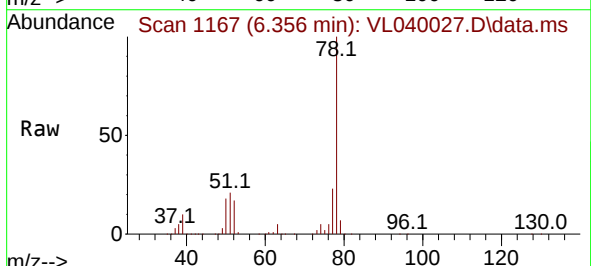
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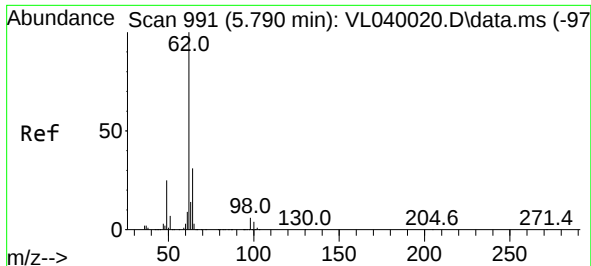
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#36
Benzene
Concen: 8.675 ppbv
RT: 6.356 min Scan# 1167
Delta R.T. 0.003 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02

Tgt Ion: 78 Resp: 2295906
Ion Ratio Lower Upper
78 100
77 23.1 17.5 26.3
50 18.5 14.2 21.2





#37

1,2-Dichloroethane

Concen: 8.703 ppbv

RT: 5.790 min Scan# 991

Delta R.T. -0.000 min

Lab File: VL040027.D

Acq: 19 Dec 2022 14:02

Instrument :

MSVOA_L

ClientSampleId :

ICVVL121922

Tgt Ion: 62 Resp: 135121

Ion Ratio Lower Upper

62 100

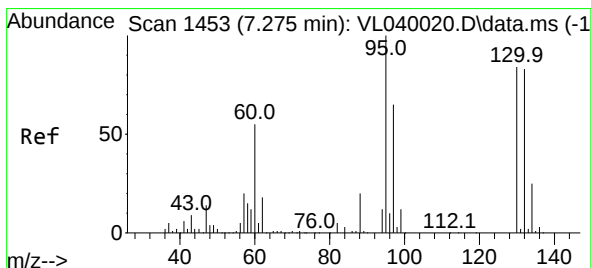
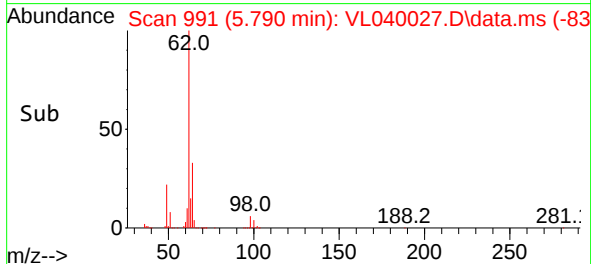
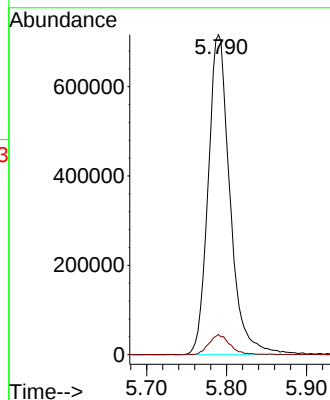
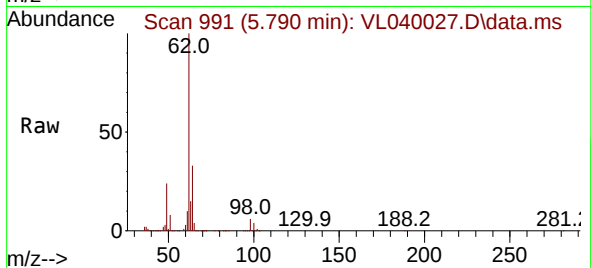
98 6.2 5.1 7.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#38

Trichloroethene

Concen: 9.637 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. -0.000 min

Lab File: VL040027.D

Acq: 19 Dec 2022 14:02

Tgt Ion:130 Resp: 1310621

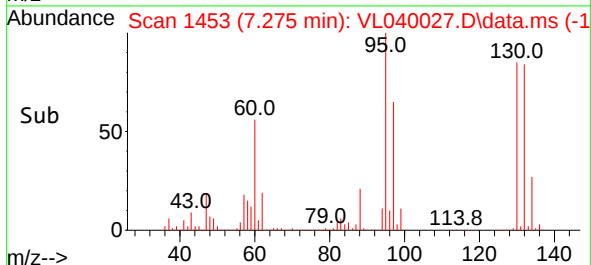
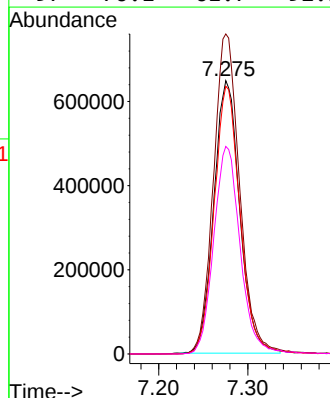
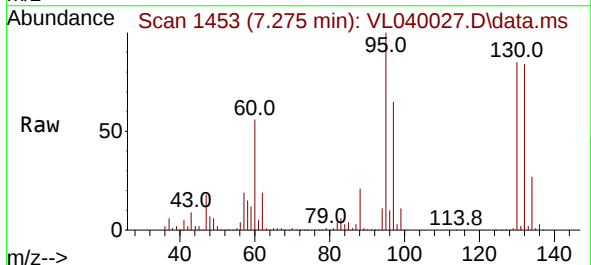
Ion Ratio Lower Upper

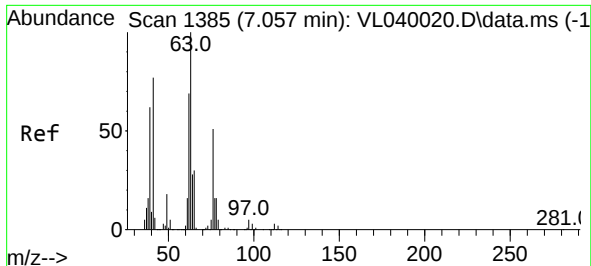
130 100

95 117.4 94.8 142.2

132 98.2 78.2 117.4

97 76.1 61.7 92.5





#39

1,2-Dichloropropane

Concen: 8.762 ppbv

RT: 7.057 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VL040027.D

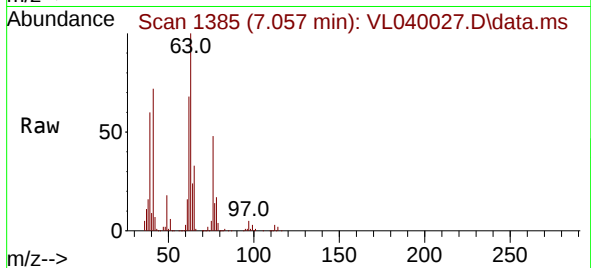
Acq: 19 Dec 2022 14:02

Instrument :

MSVOA_L

ClientSampleId :

ICVVL121922



Tgt Ion: 63 Resp: 86914

Ion Ratio Lower Upper

63 100

41 72.2 61.4 92.0

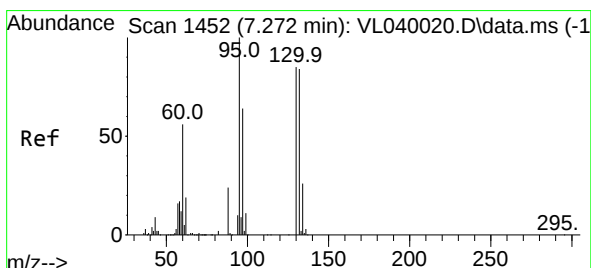
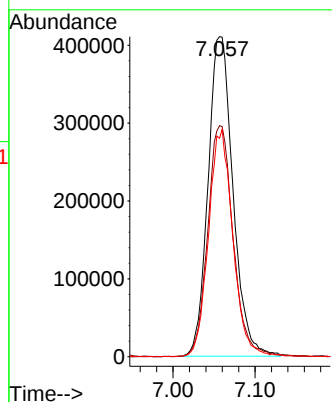
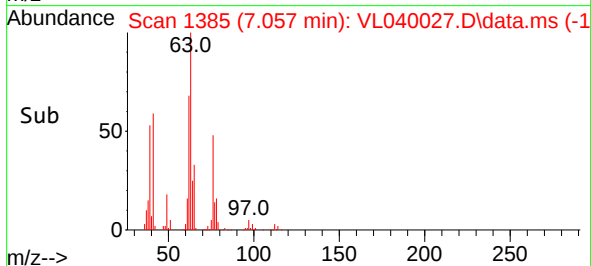
62 68.2 55.4 83.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#40

1,4-Dioxane

Concen: 7.956 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VL040027.D

Acq: 19 Dec 2022 14:02

Tgt Ion: 88 Resp: 355727

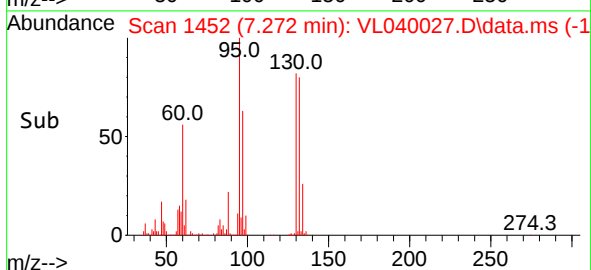
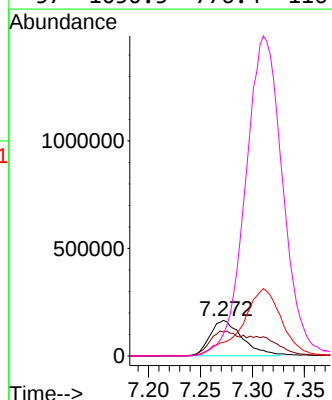
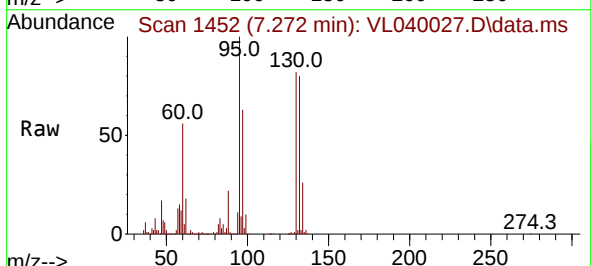
Ion Ratio Lower Upper

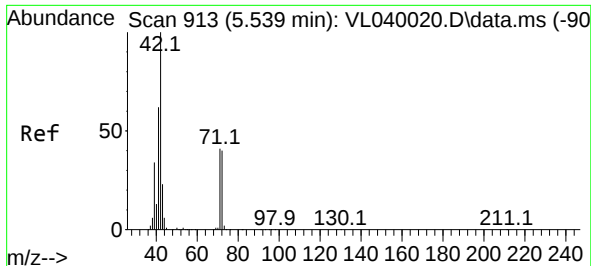
88 100

58 121.4 92.7 139.1

43 236.3 174.6 261.8

57 1050.5 776.4 1164.6





#41

Tetrahydrofuran

Concen: 8.927 ppbv

RT: 5.542 min Scan# 913

Delta R.T. 0.003 min

Lab File: VL040027.D

Acq: 19 Dec 2022 14:02

Instrument :

MSVOA_L

ClientSampleId :

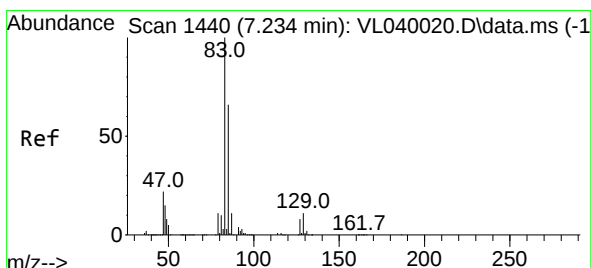
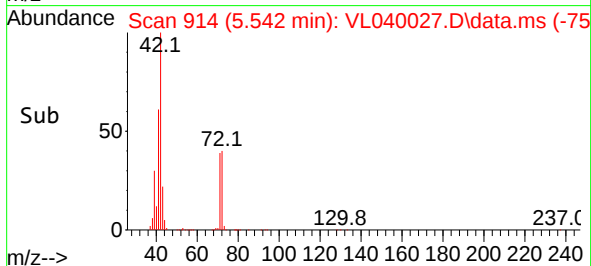
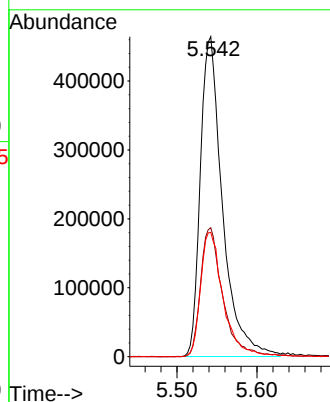
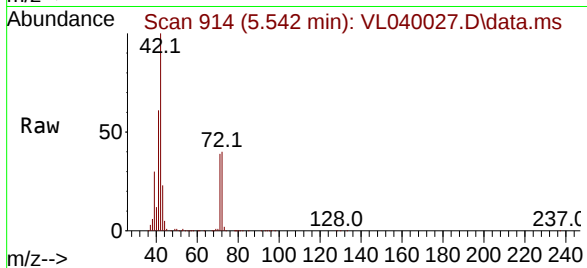
ICVVL121922

Tgt Ion: 42 Resp: 895739
 Ion Ratio Lower Upper
 42 100
 72 40.7 32.9 49.3
 71 39.9 32.2 48.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022



#42

Bromodichloromethane

Concen: 8.913 ppbv

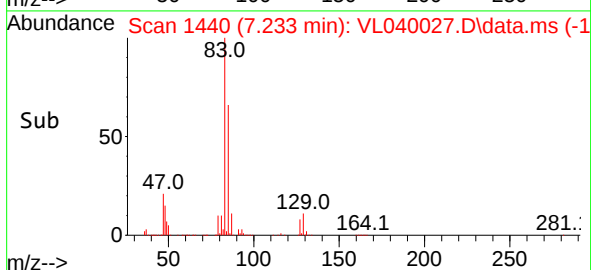
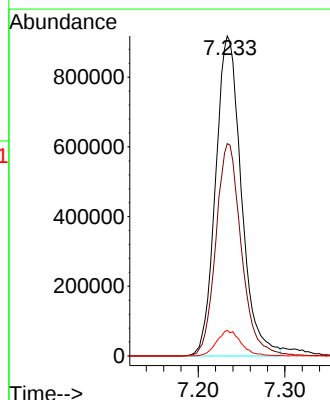
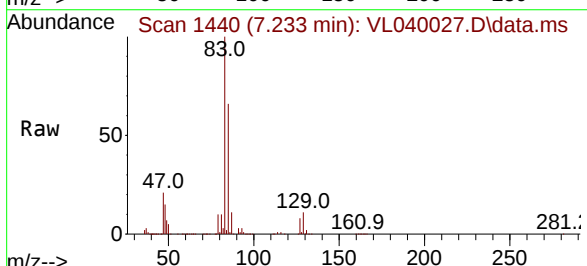
RT: 7.233 min Scan# 1440

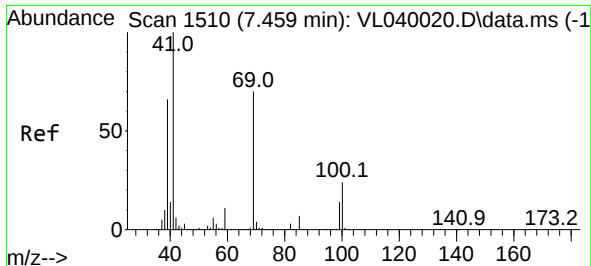
Delta R.T. -0.000 min

Lab File: VL040027.D

Acq: 19 Dec 2022 14:02

Tgt Ion: 83 Resp: 1895805
 Ion Ratio Lower Upper
 83 100
 85 66.3 53.0 79.6
 127 8.0 6.2 9.2





#43

Methyl Methacrylate

Concen: 9.268 ppbv

RT: 7.458 min Scan# 1510

Delta R.T. -0.000 min

Lab File: VL040027.D

Acq: 19 Dec 2022 14:02

Instrument :

MSVOA_L

ClientSampleId :

ICVVL121922

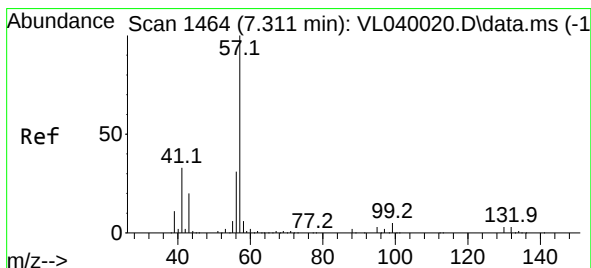
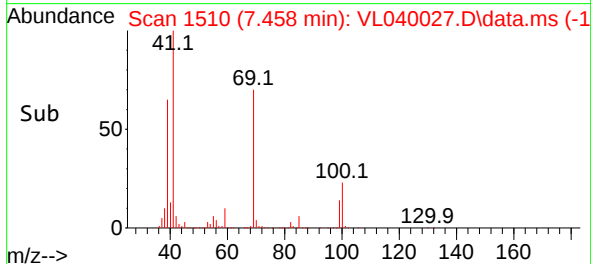
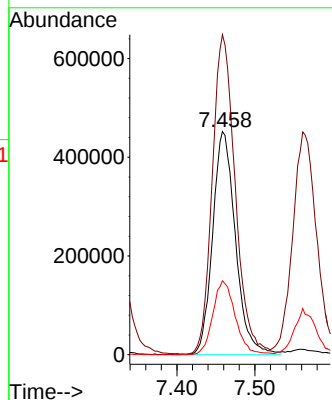
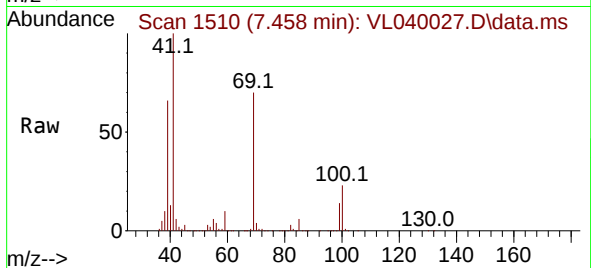
Tgt Ion: 69 Resp: 92054

Ion	Ratio	Lower	Upper
69	100		
41	143.6	115.7	173.5
100	32.6	26.0	39.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#44

2,2,4-Trimethylpentane

Concen: 8.564 ppbv

RT: 7.311 min Scan# 1464

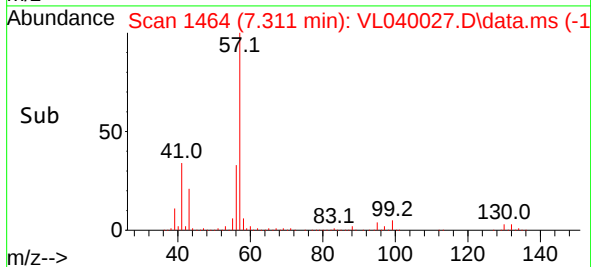
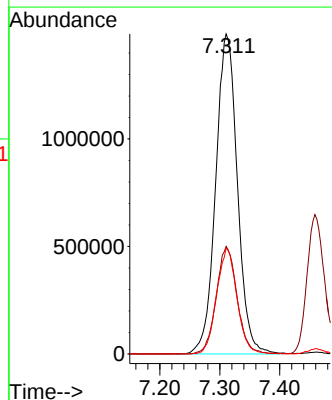
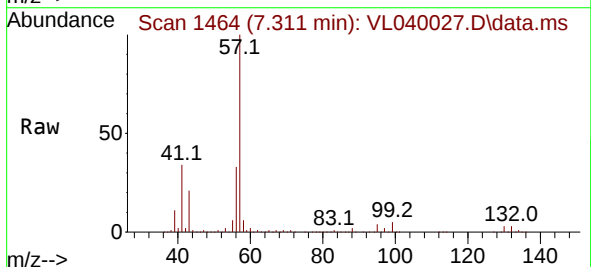
Delta R.T. -0.000 min

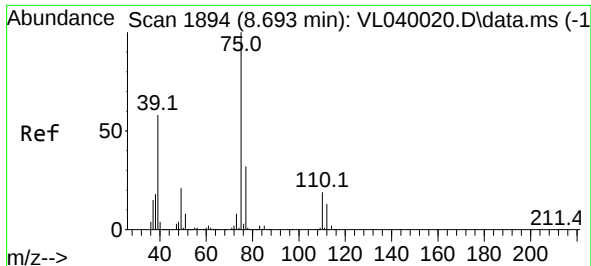
Lab File: VL040027.D

Acq: 19 Dec 2022 14:02

Tgt Ion: 57 Resp: 3731254

Ion	Ratio	Lower	Upper
57	100		
41	32.2	26.2	39.4
56	31.1	25.1	37.7





#45

t-1,3-Dichloropropene

Concen: 10.425 ppbv

RT: 8.696 min Scan# 1894

Delta R.T. 0.003 min

Lab File: VL040027.D

Acq: 19 Dec 2022 14:02

Instrument :

MSVOA_L

ClientSampleId :

ICVVL121922

Tgt Ion: 75 Resp: 87518

Ion Ratio Lower Upper

75 100

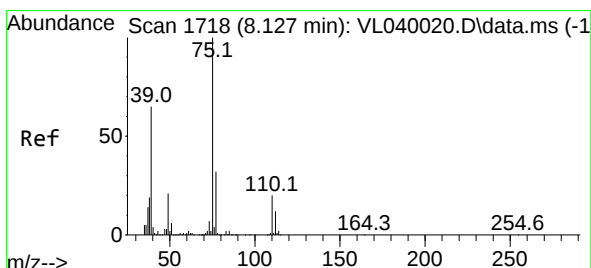
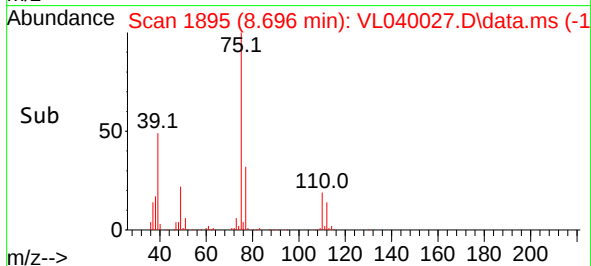
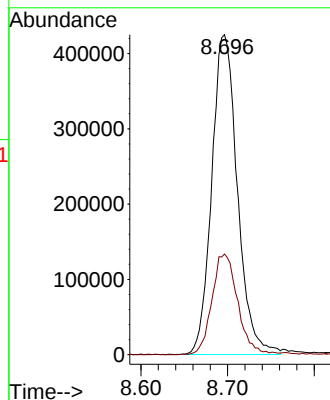
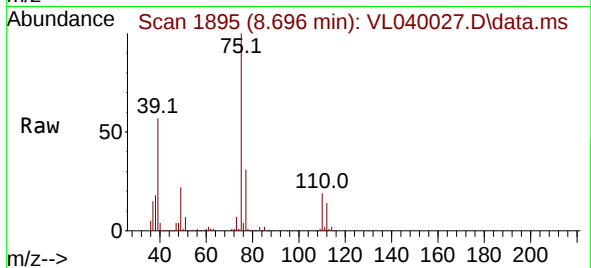
77 31.5 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#46

cis-1,3-Dichloropropene

Concen: 9.934 ppbv

RT: 8.130 min Scan# 1719

Delta R.T. 0.003 min

Lab File: VL040027.D

Acq: 19 Dec 2022 14:02

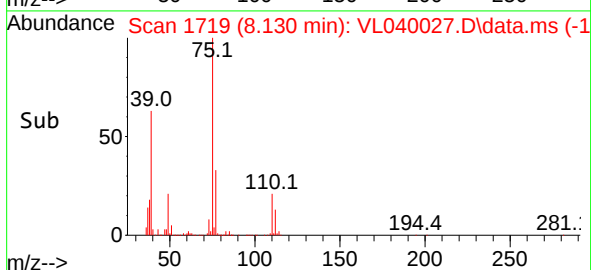
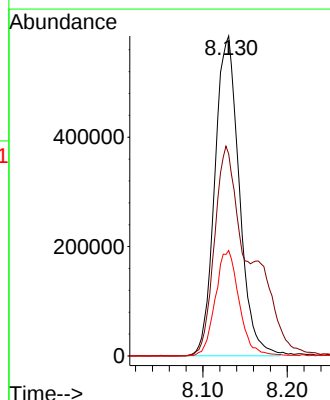
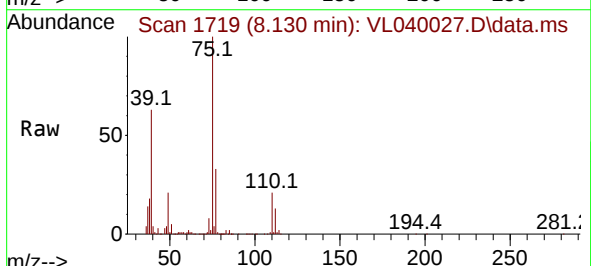
Tgt Ion: 75 Resp: 1176179

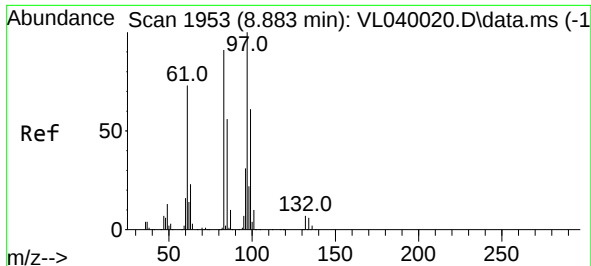
Ion Ratio Lower Upper

75 100

39 63.0 51.7 77.5

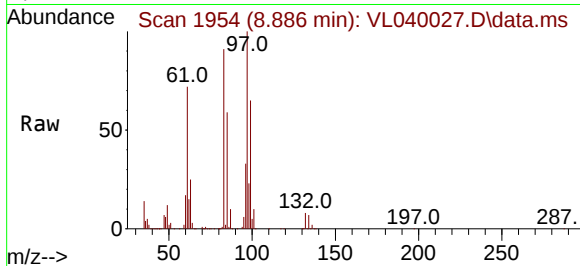
77 33.0 25.2 37.8





#47
1,1,2-Trichloroethane
Concen: 8.541 ppbv
RT: 8.886 min Scan# 1953
Delta R.T. 0.003 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02

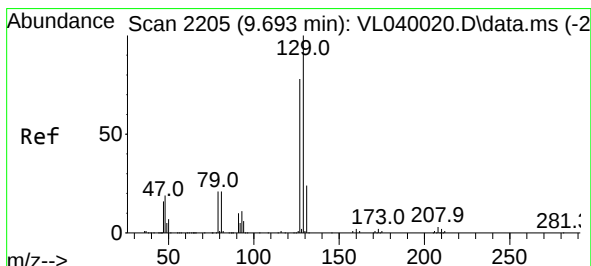
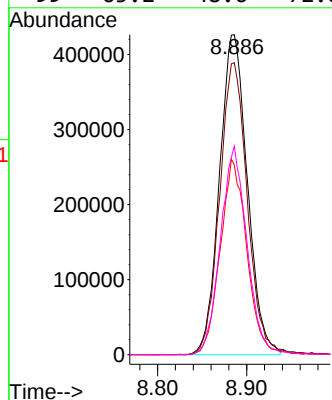
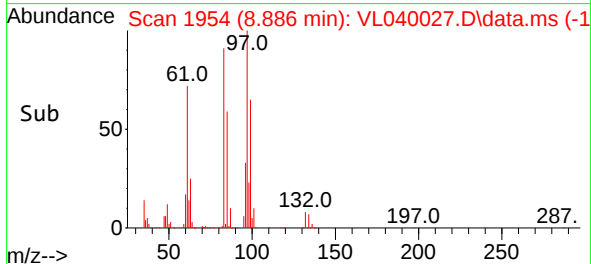
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121922



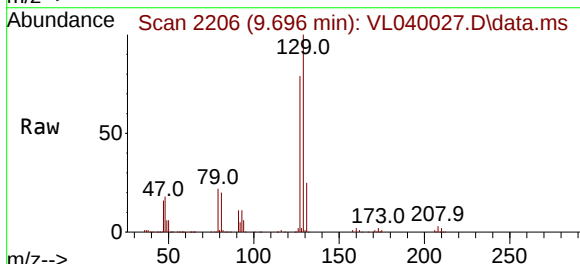
Tgt Ion: 97 Resp: 92782
Ion Ratio Lower Upper
97 100
83 91.1 72.5 108.7
85 59.3 45.0 67.6
99 65.2 48.6 72.8

Manual Integrations
APPROVED

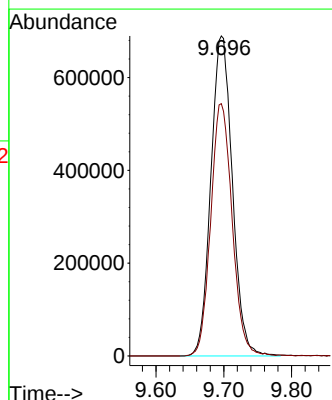
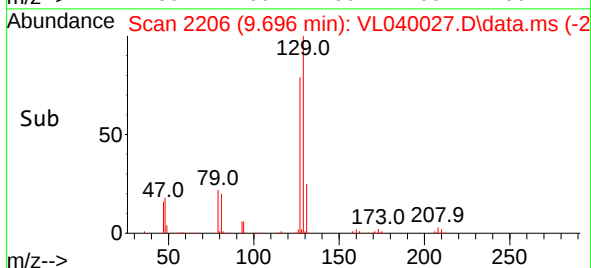
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

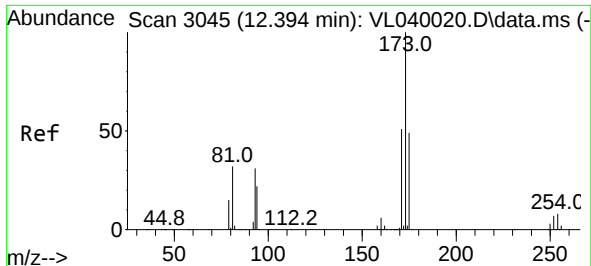


#48
Dibromochloromethane
Concen: 9.204 ppbv
RT: 9.696 min Scan# 2206
Delta R.T. 0.003 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02



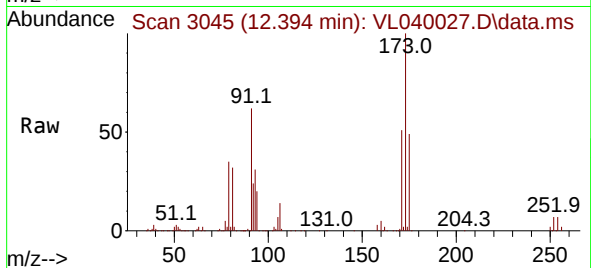
Tgt Ion:129 Resp: 1520545
Ion Ratio Lower Upper
129 100
127 78.6 39.4 118.1





#49
Bromoform
Concen: 8.918 ppbv
RT: 12.394 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02

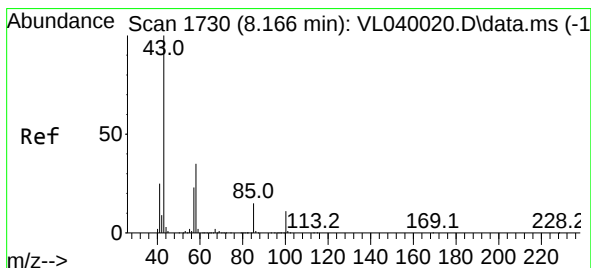
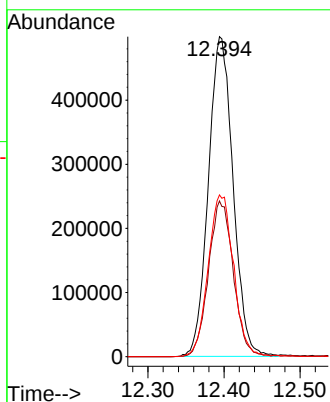
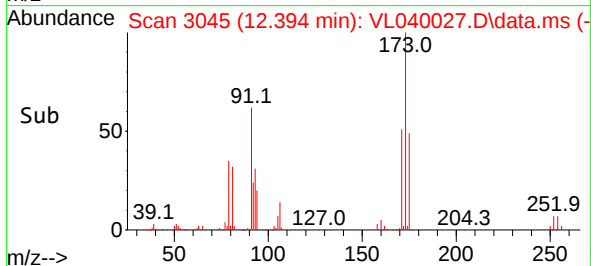
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121922



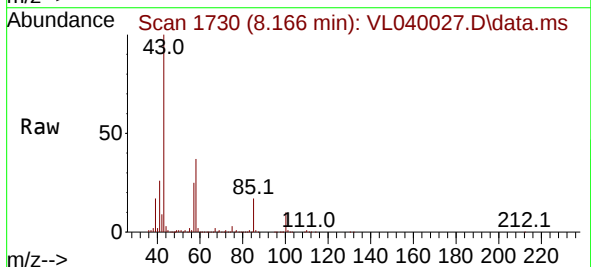
Tgt Ion: 173 Resp: 1123928
Ion Ratio Lower Upper
173 100
175 49.2 39.0 58.4
171 52.3 42.0 63.0

Manual Integrations
APPROVED

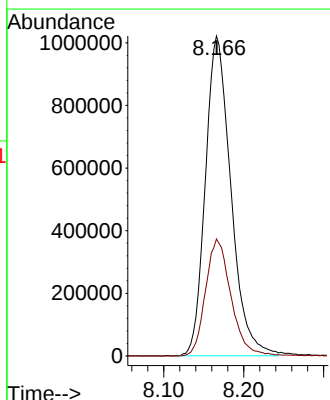
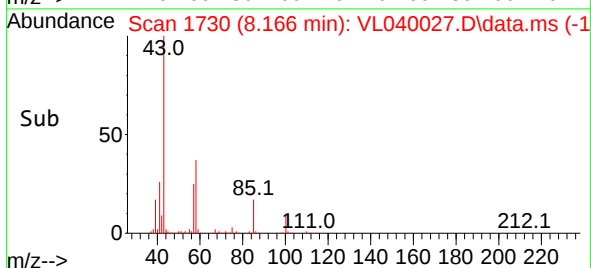
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

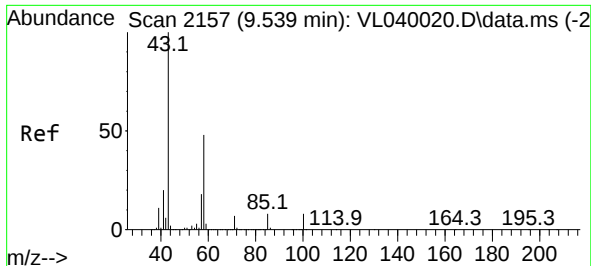


#50
4-Methyl-2-Pentanone
Concen: 8.633 ppbv
RT: 8.166 min Scan# 1730
Delta R.T. -0.000 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02



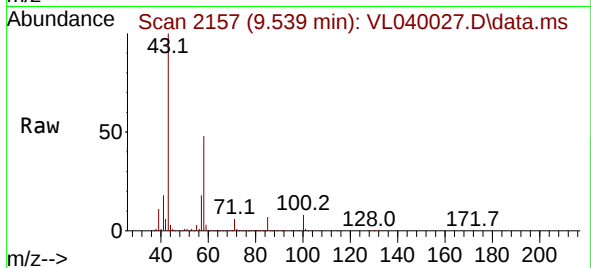
Tgt Ion: 43 Resp: 2267363
Ion Ratio Lower Upper
43 100
58 36.5 29.0 43.4





#51
2-Hexanone
Concen: 8.714 ppbv
RT: 9.539 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02

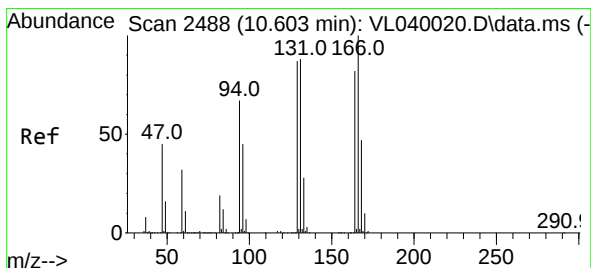
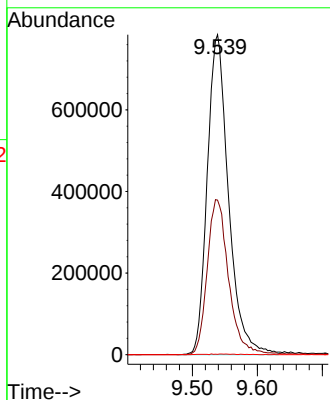
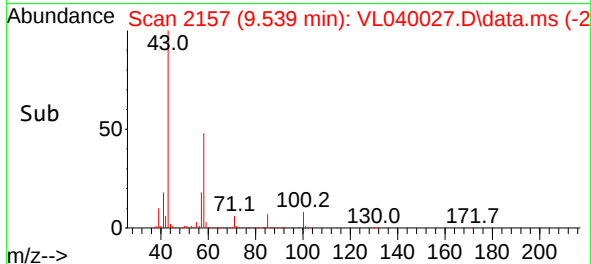
Instrument : MSVOA_L
ClientSampleId : ICVVL121922



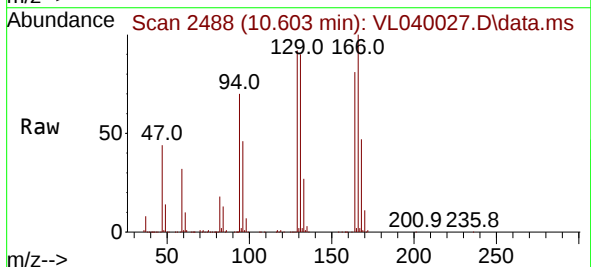
Tgt Ion: 43 Resp: 178014
Ion Ratio Lower Upper
43 100
58 49.3 39.4 59.2
98 0.2 0.2 0.4

Manual Integrations
APPROVED

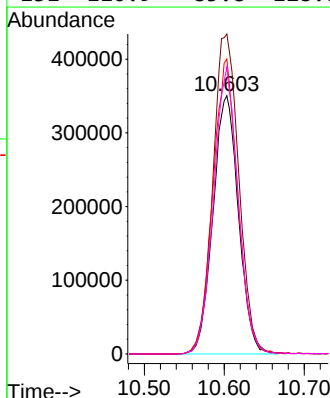
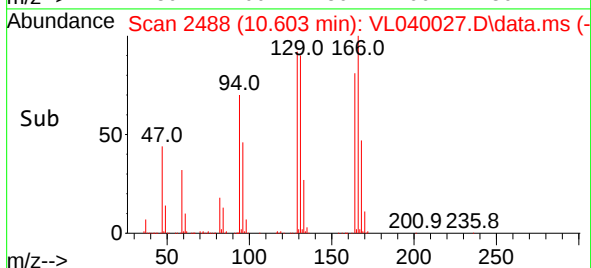
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

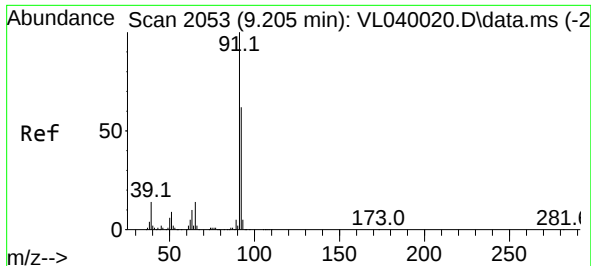


#52
Tetrachloroethene
Concen: 8.583 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. -0.000 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02



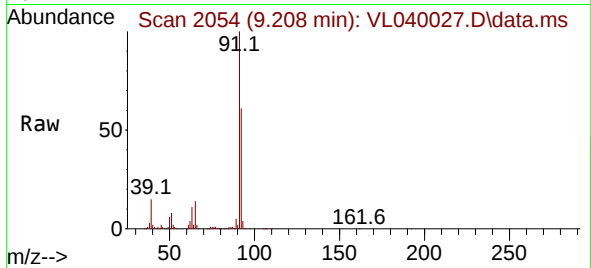
Tgt Ion:164 Resp: 772289
Ion Ratio Lower Upper
164 100
166 123.9 97.4 146.0
129 114.1 84.3 126.5
131 110.9 85.8 128.8





#53
Toluene
Concen: 8.895 ppbv
RT: 9.208 min Scan# 2053
Delta R.T. 0.003 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02

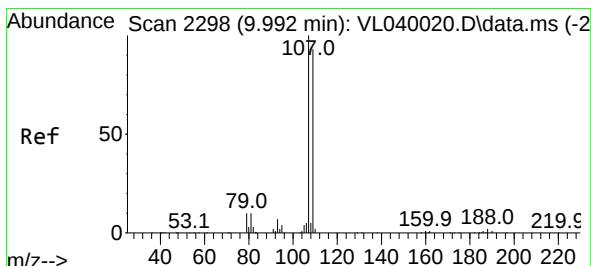
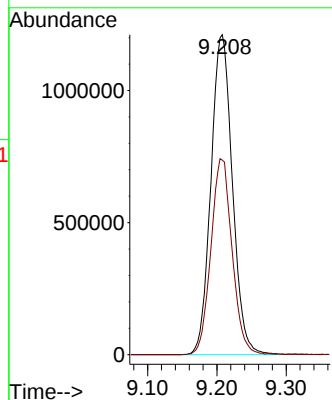
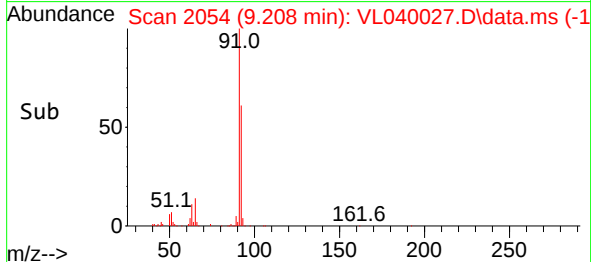
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121922



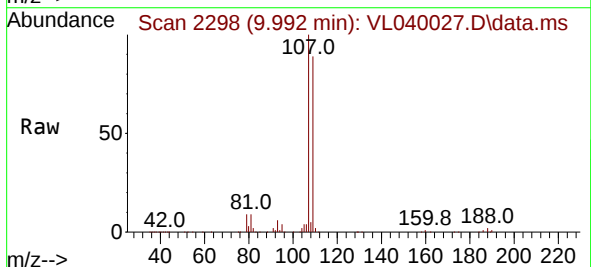
Tgt Ion: 91 Resp: 260627
Ion Ratio Lower Upper
91 100
92 60.6 48.7 73.1

Manual Integrations
APPROVED

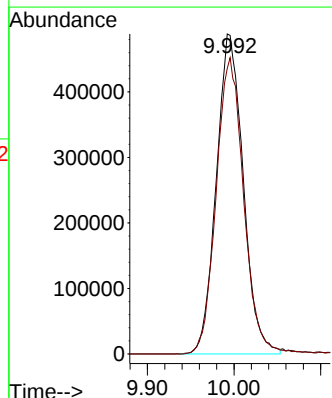
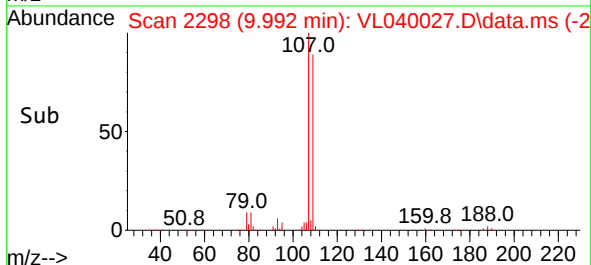
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

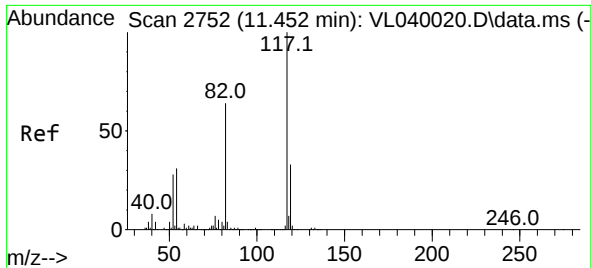


#54
1,2-Dibromoethane
Concen: 9.003 ppbv
RT: 9.992 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02



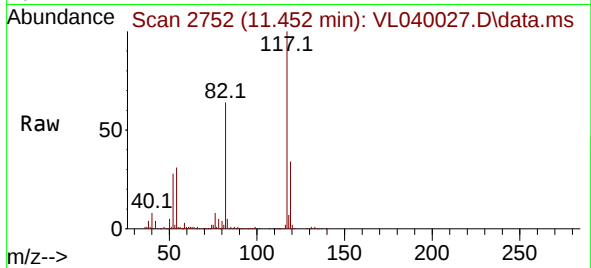
Tgt Ion:107 Resp: 1053176
Ion Ratio Lower Upper
107 100
109 89.2 74.1 111.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 2752
Delta R.T. -0.000 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02

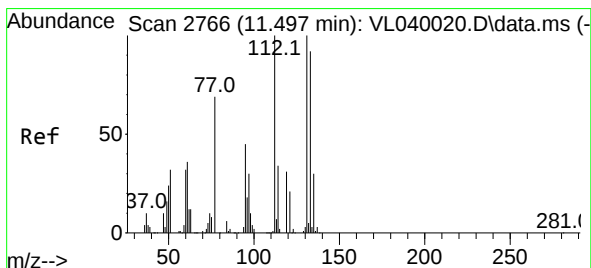
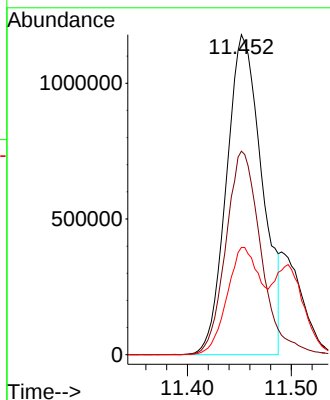
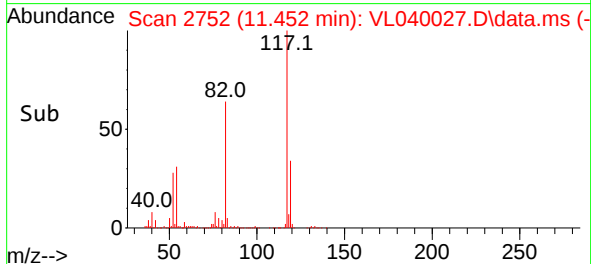
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121922



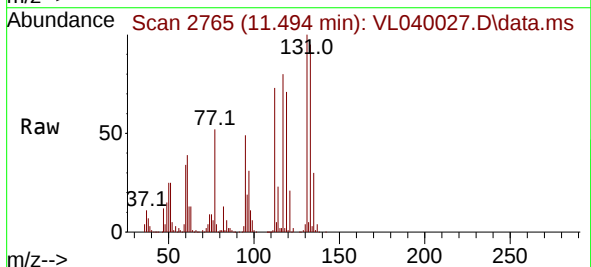
Tgt Ion:117 Resp: 280462
Ion Ratio Lower Upper
117 100
82 63.3 51.2 76.8
119 34.0 23.2 34.8

Manual Integrations
APPROVED

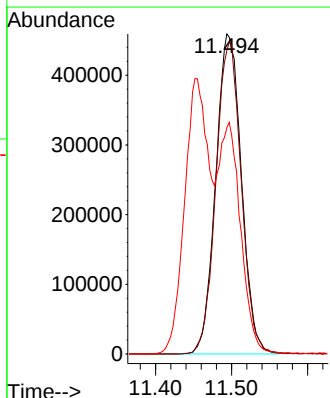
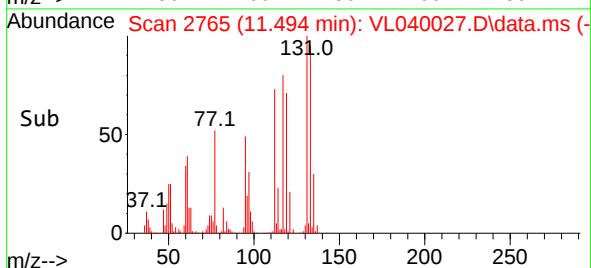
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

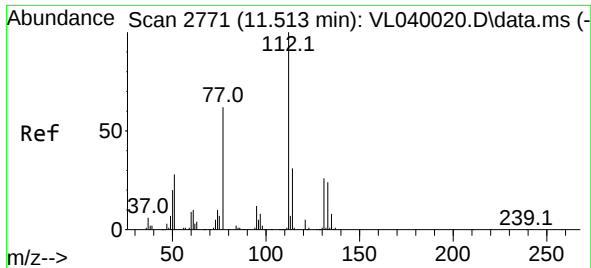


#56
1,1,1,2-Tetrachloroethane
Concen: 8.315 ppbv
RT: 11.494 min Scan# 2765
Delta R.T. -0.003 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02



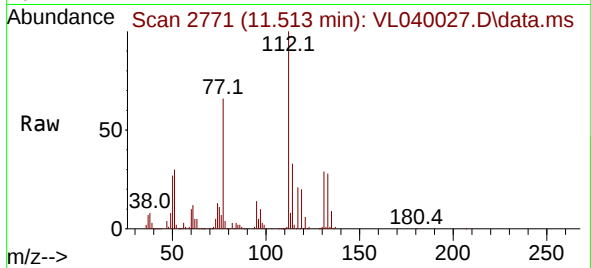
Tgt Ion:131 Resp: 1075702
Ion Ratio Lower Upper
131 100
133 96.3 75.8 113.8
119 62.8 52.3 78.5





#57
Chlorobenzene
Concen: 8.112 ppbv
RT: 11.513 min Scan# 2771
Delta R.T. -0.000 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02

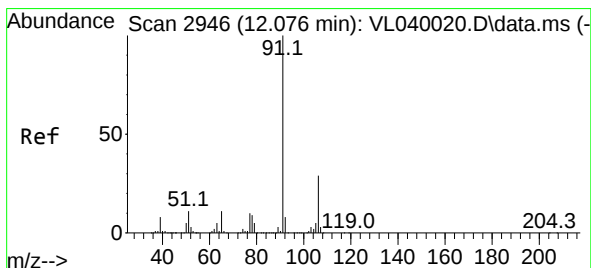
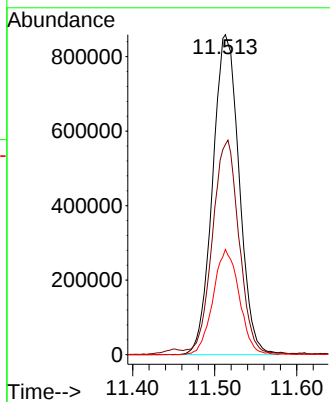
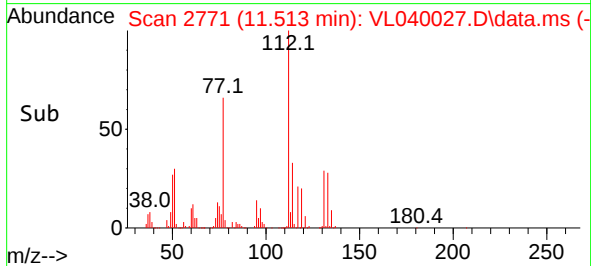
Instrument : MSVOA_L
ClientSampleId : ICVVL121922



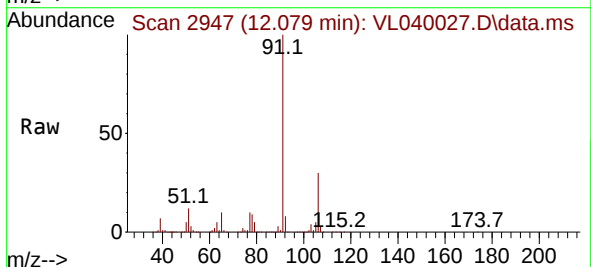
Tgt Ion:112 Resp: 1931420
Ion Ratio Lower Upper
112 100
77 65.3 50.6 75.8
114 32.9 27.8 34.0

Manual Integrations
APPROVED

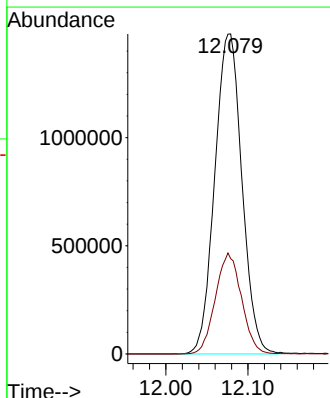
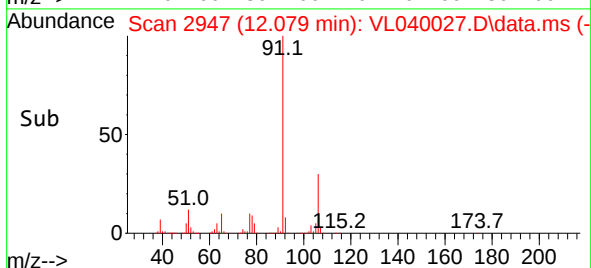
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

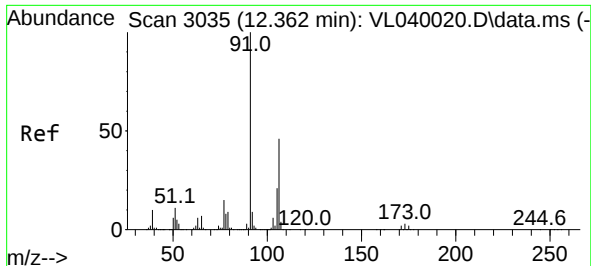


#58
Ethyl Benzene
Concen: 8.536 ppbv
RT: 12.079 min Scan# 2947
Delta R.T. 0.003 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02



Tgt Ion: 91 Resp: 3401349
Ion Ratio Lower Upper
91 100
106 29.8 23.5 35.3





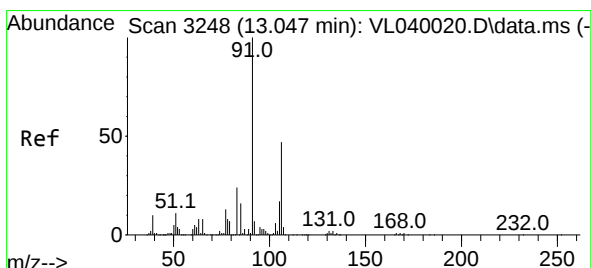
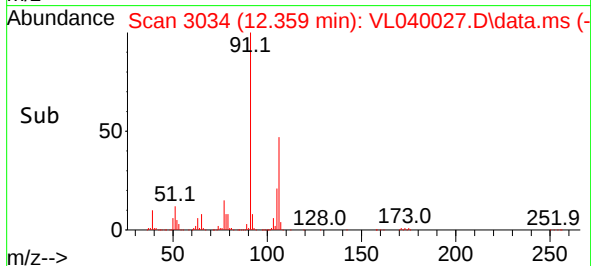
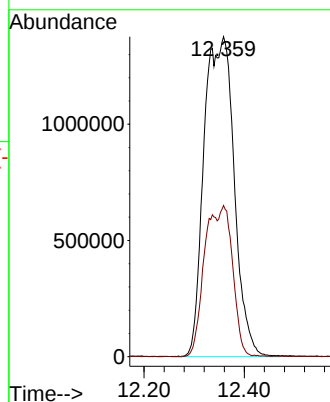
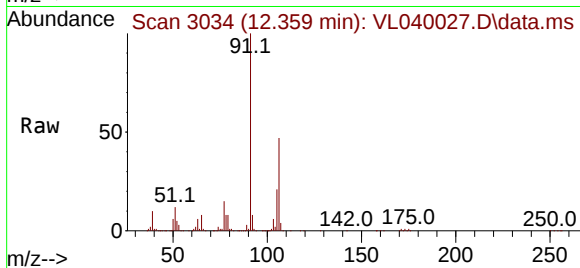
#59
m/p-Xylene
Concen: 16.495 ppbv m
RT: 12.359 min Scan# 3034
Delta R.T. -0.003 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02

Instrument :
MSVOA_L
ClientSampleId :
ICVVL121922

Tgt Ion: 91 Resp: 5726249
Ion Ratio Lower Upper
91 100
106 44.0 35.5 53.3

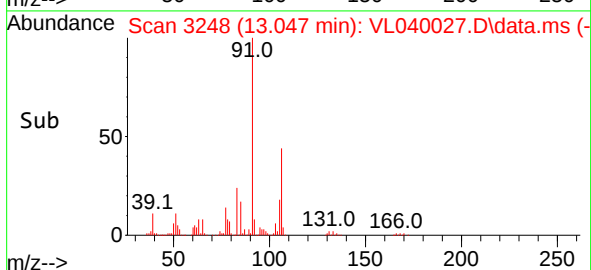
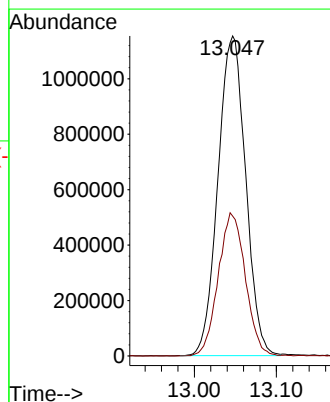
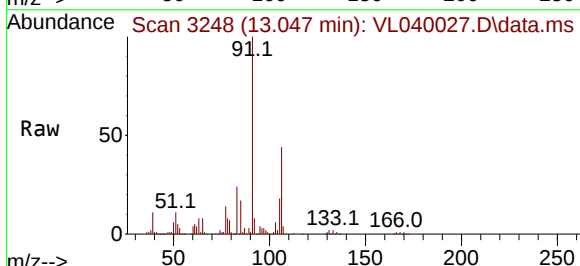
Manual Integrations
APPROVED

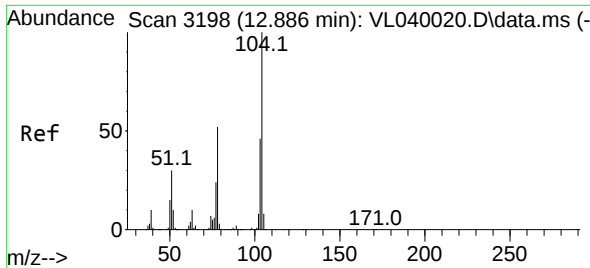
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#60
o-Xylene
Concen: 8.140 ppbv
RT: 13.047 min Scan# 3248
Delta R.T. -0.000 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02

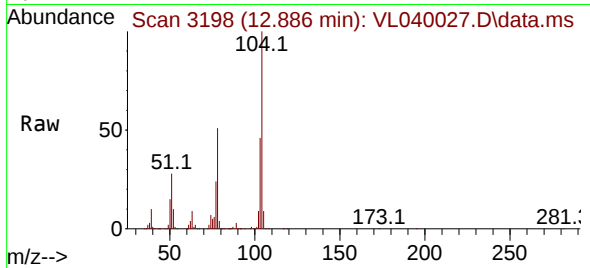
Tgt Ion: 91 Resp: 2707051
Ion Ratio Lower Upper
91 100
106 44.1 22.4 67.0





#61
Styrene
Concen: 8.984 ppbv
RT: 12.886 min Scan# 3198
Delta R.T. -0.000 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02

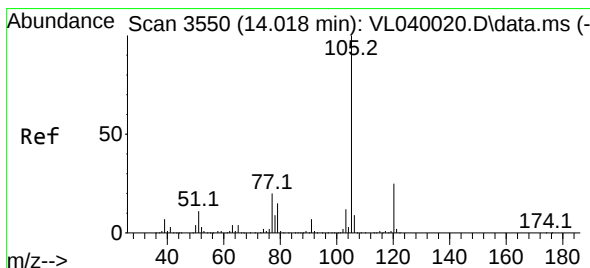
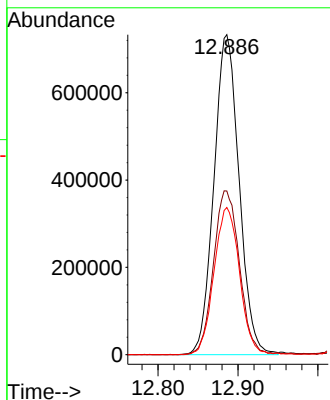
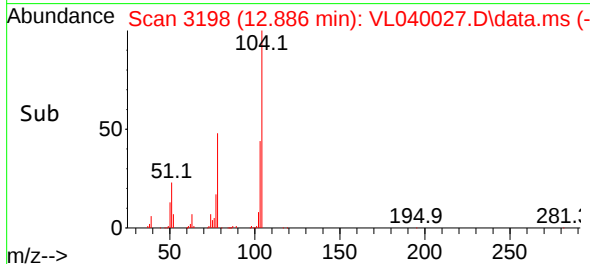
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121922



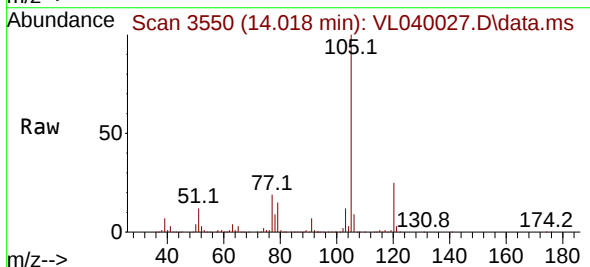
Tgt Ion:104 Resp: 160263
Ion Ratio Lower Upper
104 100
78 53.0 42.4 63.6
103 46.9 37.2 55.8

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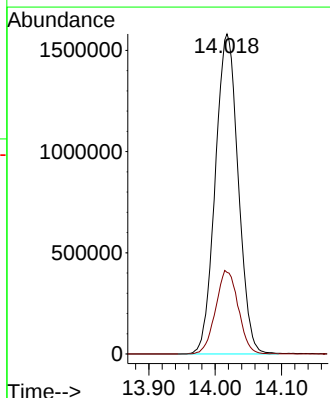
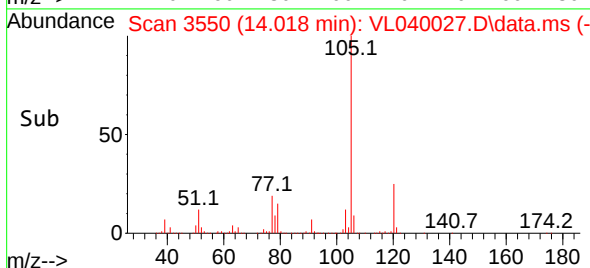
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

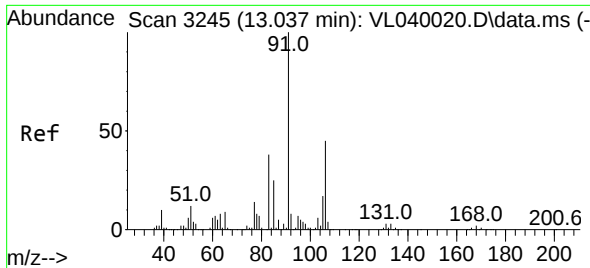


#62
Isopropylbenzene
Concen: 7.912 ppbv
RT: 14.018 min Scan# 3550
Delta R.T. -0.000 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02



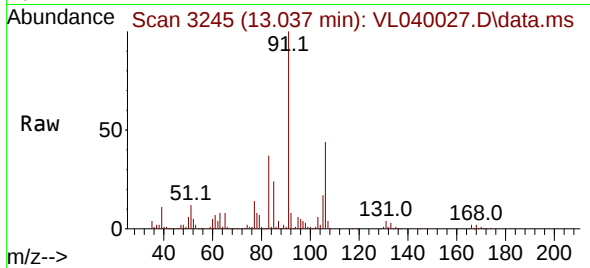
Tgt Ion:105 Resp: 3793812
Ion Ratio Lower Upper
105 100
120 25.8 20.6 31.0





#63
1,1,2,2-Tetrachloroethane
Concen: 7.118 ppbv
RT: 13.037 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02

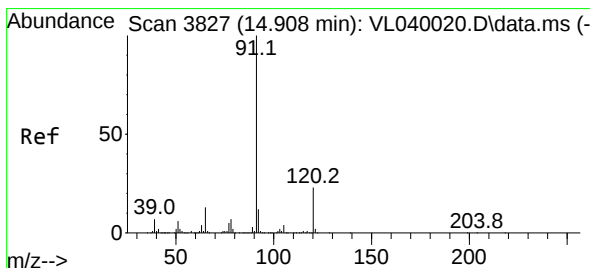
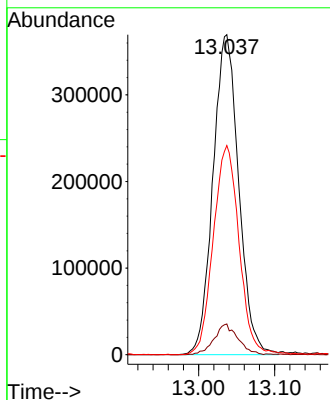
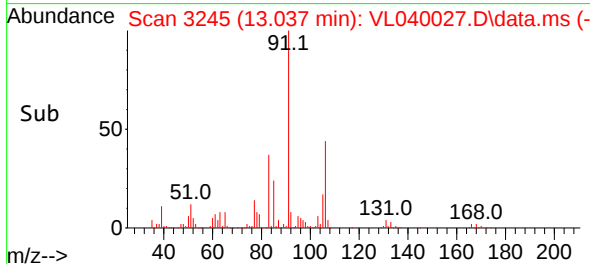
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121922



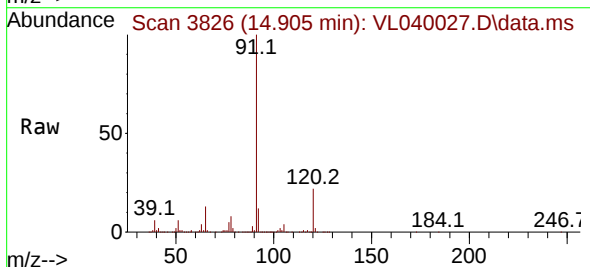
Tgt Ion: 83 Resp: 867944
Ion Ratio Lower Upper
83 100
131 9.0 4.5 13.5
85 65.8 33.3 99.9

Manual Integrations
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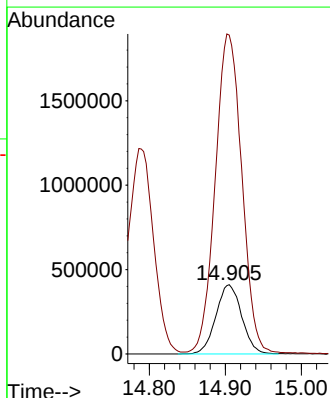
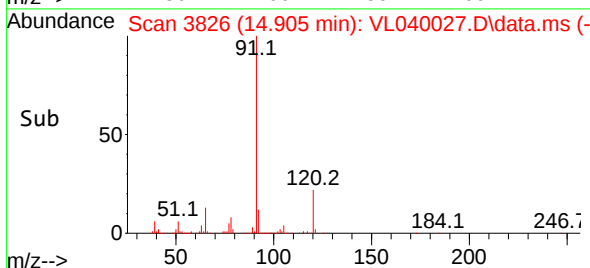
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

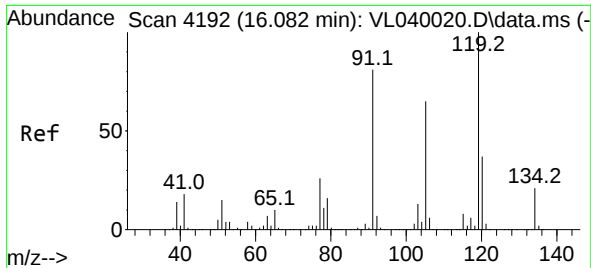


#64
n-propylbenzene
Concen: 7.974 ppbv
RT: 14.905 min Scan# 3826
Delta R.T. -0.003 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02



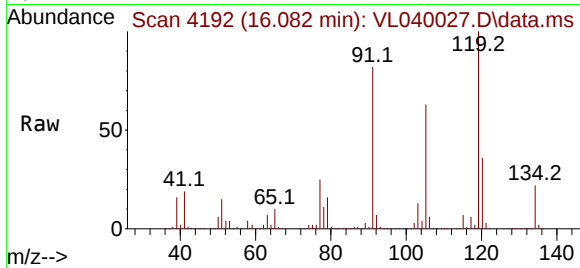
Tgt Ion:120 Resp: 965743
Ion Ratio Lower Upper
120 100
91 478.7 384.3 576.5





#65
tert-Butylbenzene
Concen: 7.722 ppbv
RT: 16.082 min Scan# 4192
Delta R.T. -0.000 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02

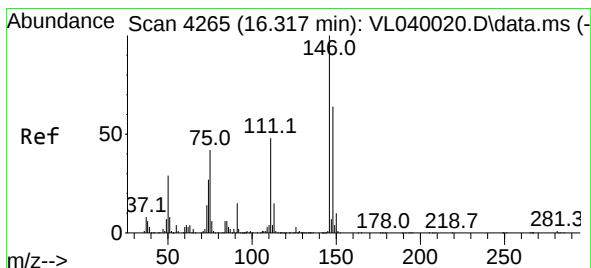
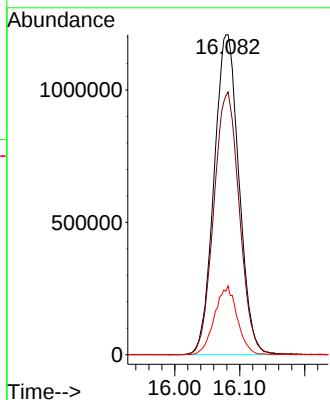
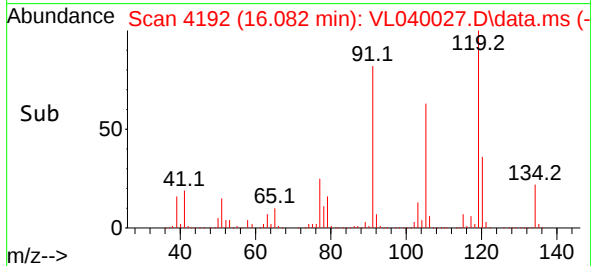
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121922



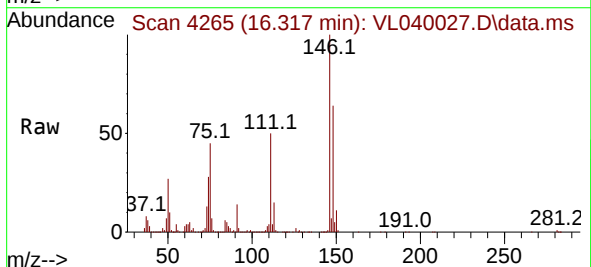
Tgt Ion: 119 Resp: 321756
Ion Ratio Lower Upper
119 100
91 84.3 66.9 100.3
134 19.6 15.8 23.6

Manual Integrations
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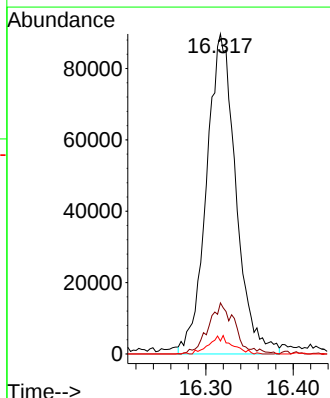
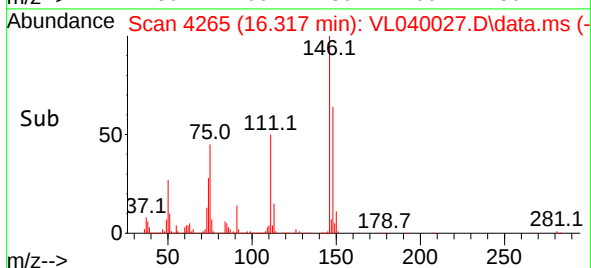
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

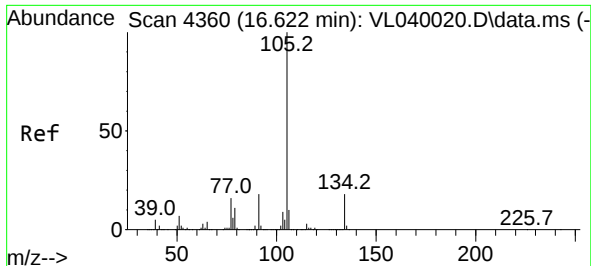


#66
Benzyl Chloride
Concen: 8.628 ppbv m
RT: 16.317 min Scan# 4265
Delta R.T. -0.000 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02



Tgt Ion: 91 Resp: 209635
Ion Ratio Lower Upper
91 100
126 14.5 12.2 18.2
128 4.5 4.2 6.2





#67

sec-Butylbenzene

Concen: 7.660 ppbv

RT: 16.625 min Scan# 4360

Delta R.T. 0.003 min

Lab File: VL040027.D

Acq: 19 Dec 2022 14:02

Instrument :

MSVOA_L

ClientSampleId :

ICVVL121922

Tgt Ion:105 Resp: 447296

Ion Ratio Lower Upper

105 100

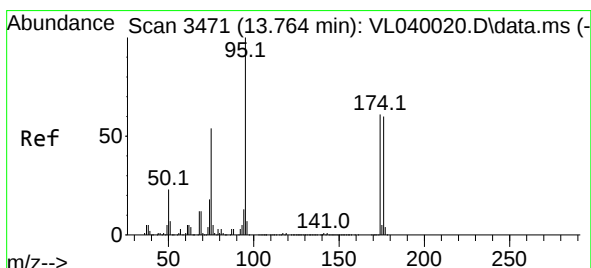
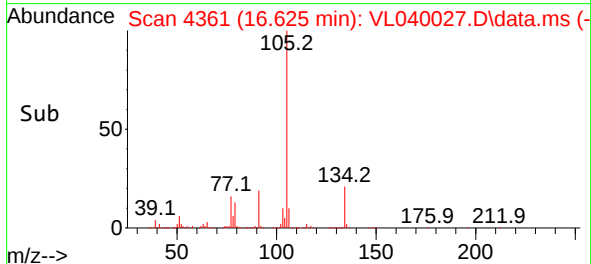
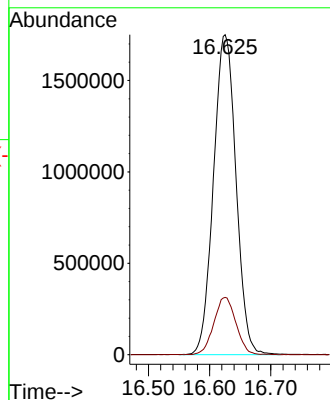
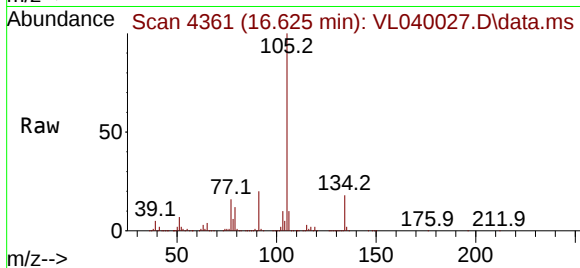
134 17.7 14.2 21.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 9.867 ppbv

RT: 13.764 min Scan# 3471

Delta R.T. -0.000 min

Lab File: VL040027.D

Acq: 19 Dec 2022 14:02

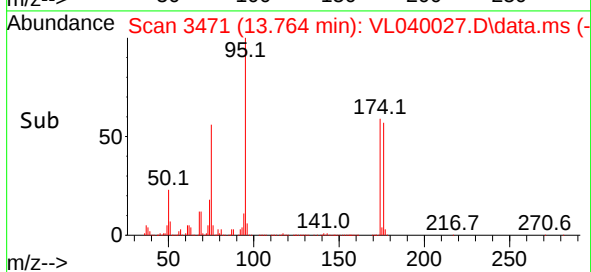
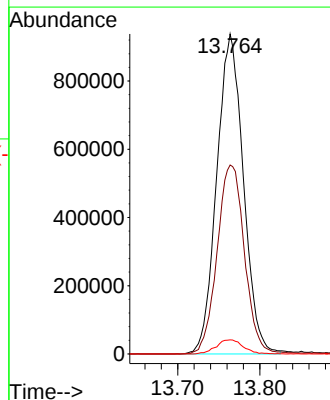
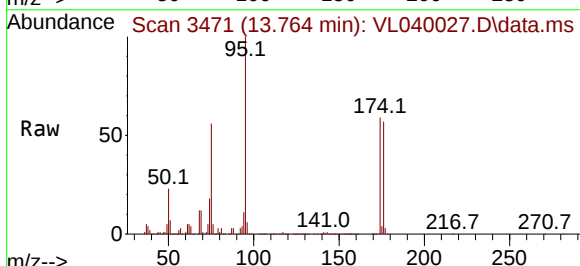
Tgt Ion: 95 Resp: 2113943

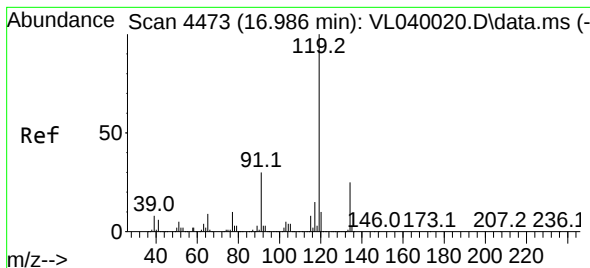
Ion Ratio Lower Upper

95 100

174 61.0 48.6 73.0

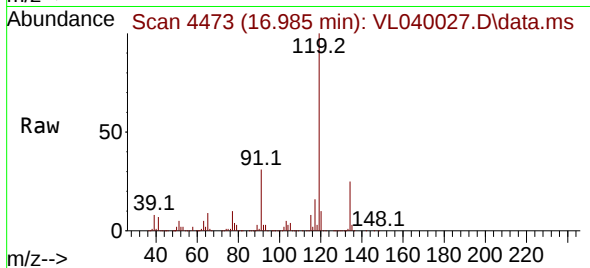
175 4.5 3.4 5.2





#69
p-Isopropyltoluene
Concen: 7.840 ppbv
RT: 16.985 min Scan# 4473
Delta R.T. -0.000 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02

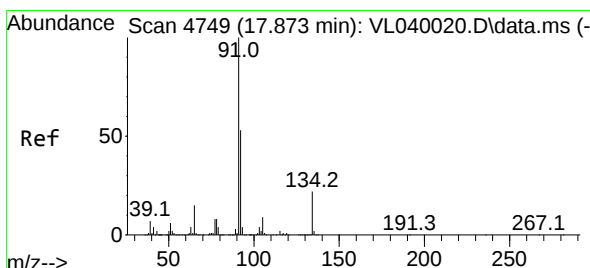
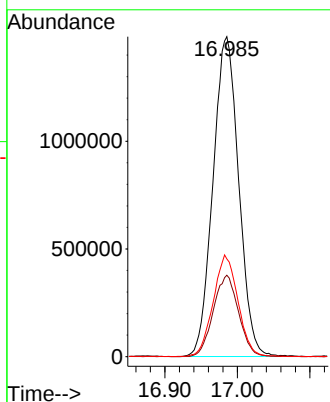
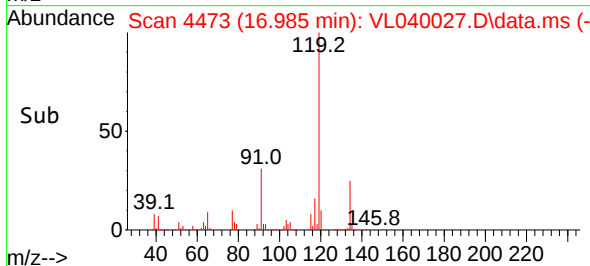
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121922



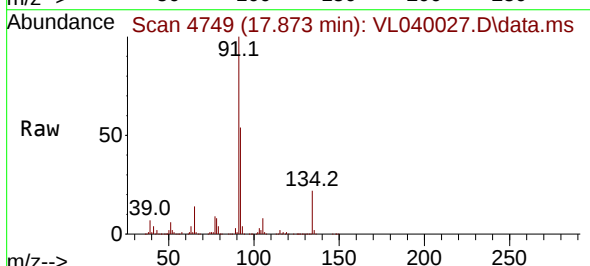
Tgt Ion: 119 Resp: 3657104
Ion Ratio Lower Upper
119 100
134 25.1 20.2 30.4
91 30.5 24.2 36.4

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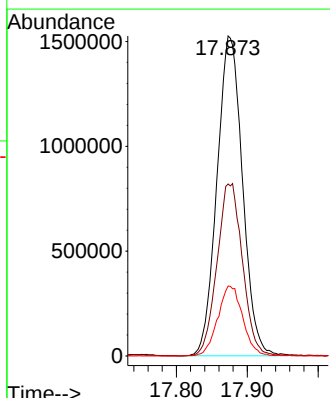
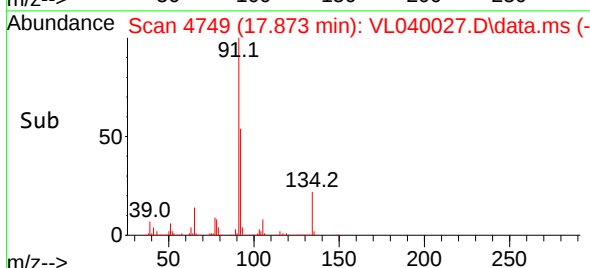
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

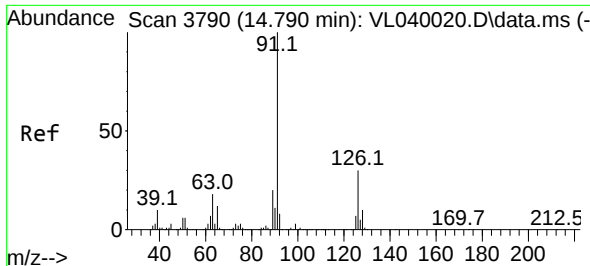


#70
n-Butylbenzene
Concen: 7.812 ppbv
RT: 17.873 min Scan# 4749
Delta R.T. -0.000 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02



Tgt Ion: 91 Resp: 3817697
Ion Ratio Lower Upper
91 100
92 53.8 43.2 64.8
134 21.5 17.4 26.2





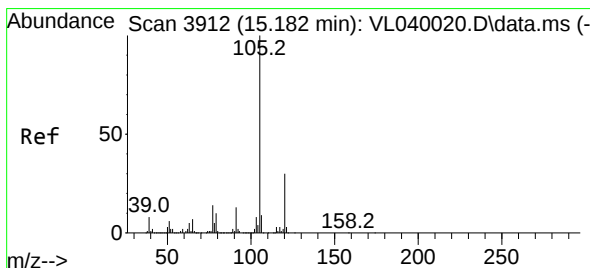
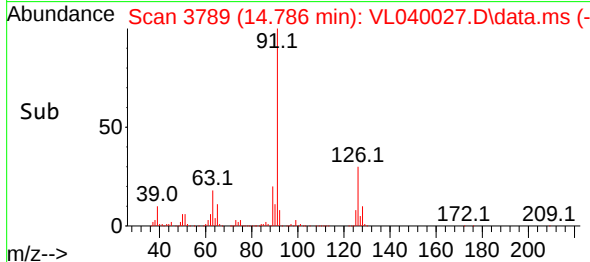
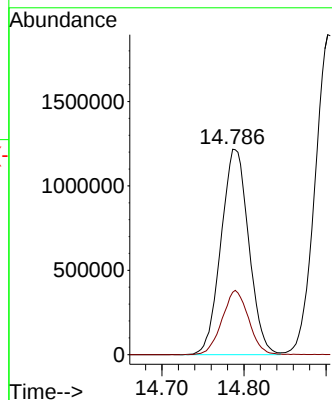
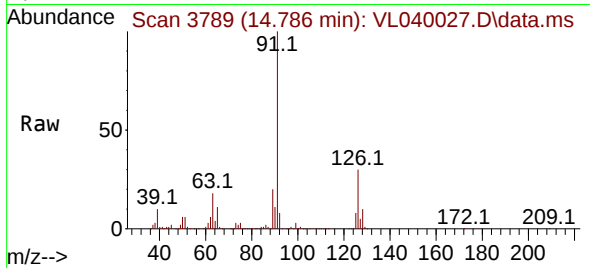
#71
2-Chlorotoluene
Concen: 7.824 ppbv
RT: 14.786 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02

Instrument :
MSVOA_L
ClientSampleId :
ICVVL121922

Tgt Ion: 91 Resp: 286227
Ion Ratio Lower Upper
91 100
126 30.1 12.1 48.5

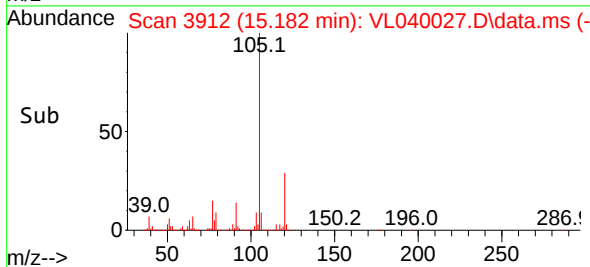
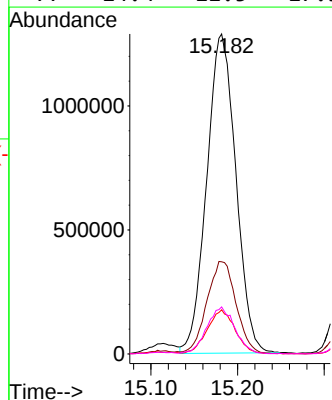
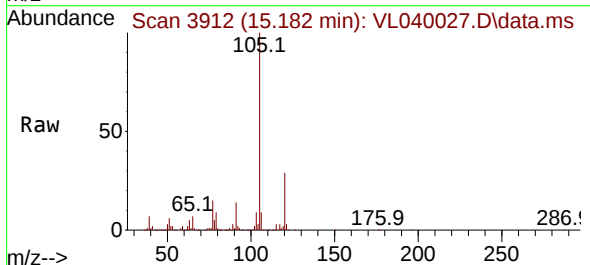
Manual Integrations
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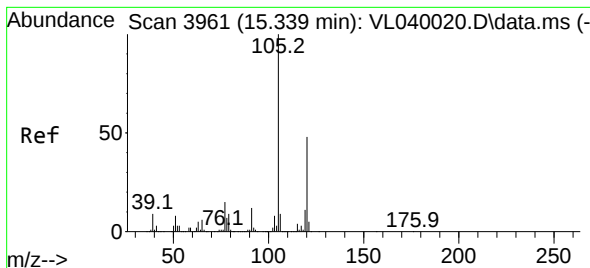
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#72
4-Ethyltoluene
Concen: 8.141 ppbv
RT: 15.182 min Scan# 3912
Delta R.T. -0.000 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02

Tgt Ion:105 Resp: 3006204
Ion Ratio Lower Upper
105 100
120 29.2 23.5 35.3
91 13.2 10.5 15.7
77 14.4 11.5 17.3





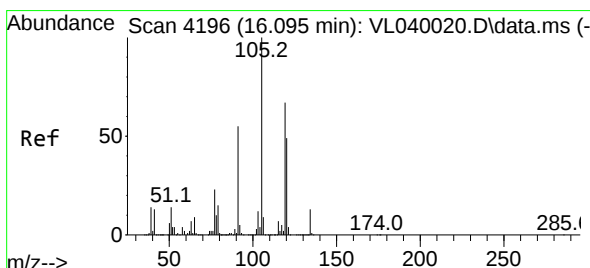
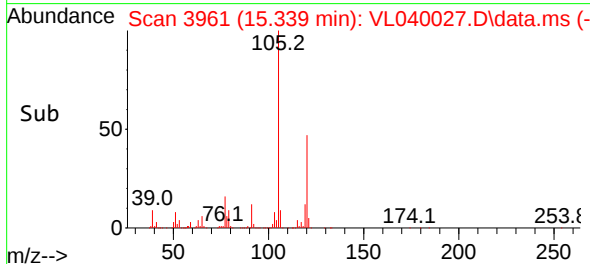
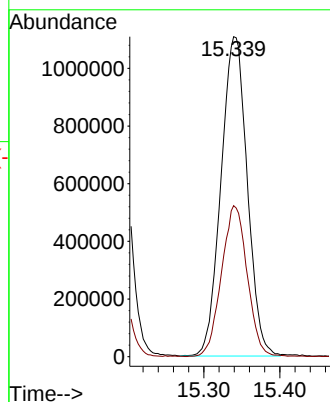
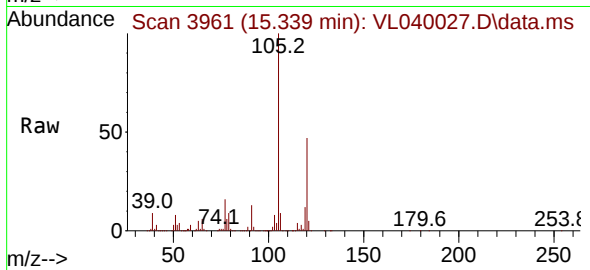
#73
1,3,5-Trimethylbenzene
Concen: 7.982 ppbv
RT: 15.339 min Scan# 3961
Delta R.T. -0.000 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02

Instrument : MSVOA_L
ClientSampleId : ICVVL121922

Tgt Ion:105 Resp: 265819
Ion Ratio Lower Upper
105 100
120 47.2 38.4 57.6

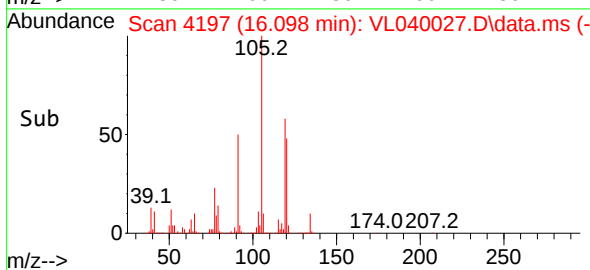
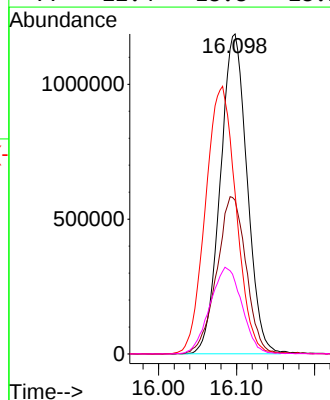
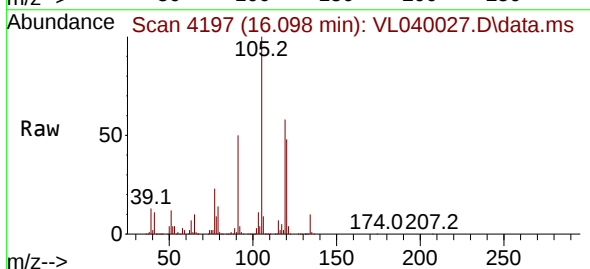
Manual Integrations
APPROVED

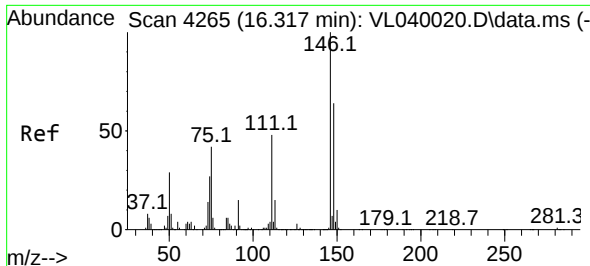
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#74
1,2,4-Trimethylbenzene
Concen: 7.714 ppbv
RT: 16.098 min Scan# 4197
Delta R.T. 0.003 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02

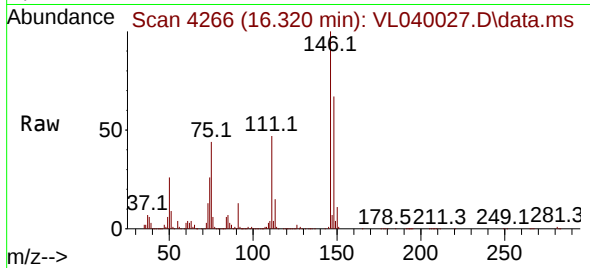
Tgt Ion:105 Resp: 2831727
Ion Ratio Lower Upper
105 100
120 47.9 39.3 58.9
91 50.1 44.2 66.4
77 22.4 18.8 28.2





#75
1,3-Dichlorobenzene
Concen: 7.866 ppbv
RT: 16.320 min Scan# 4310
Delta R.T. 0.003 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02

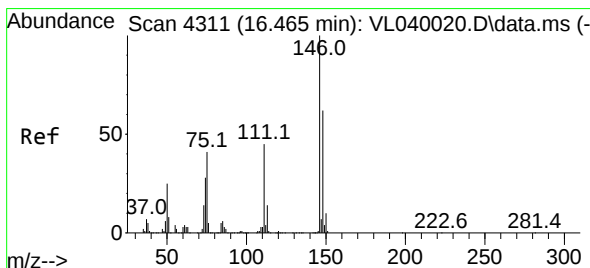
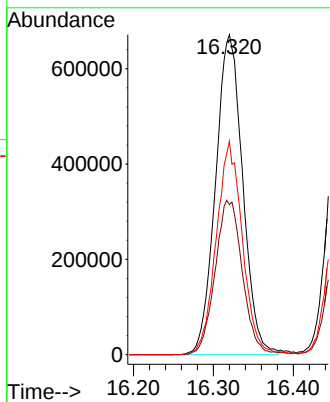
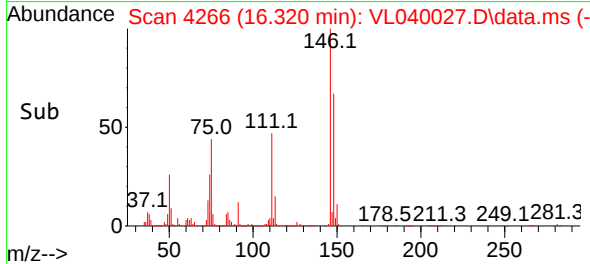
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121922



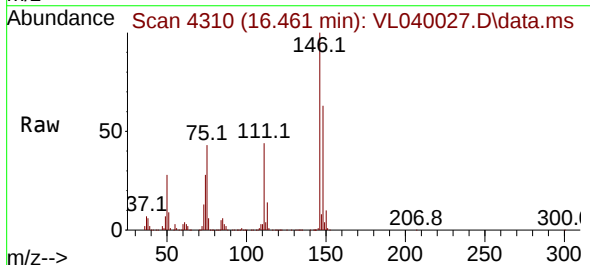
Tgt Ion:146 Resp: 1580094
Ion Ratio Lower Upper
146 100
111 48.8 23.9 71.8
148 64.4 32.0 96.2

Manual Integrations
APPROVED

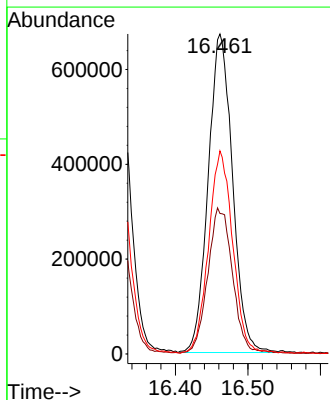
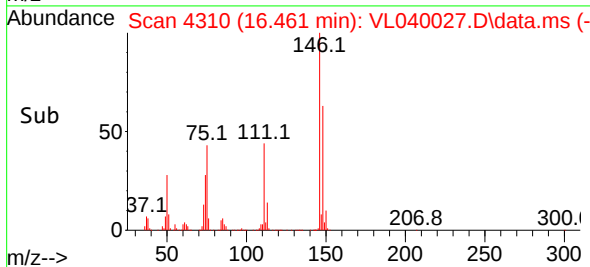
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

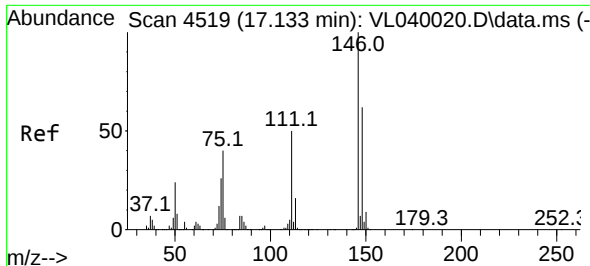


#76
1,4-Dichlorobenzene
Concen: 7.976 ppbv
RT: 16.461 min Scan# 4310
Delta R.T. -0.003 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02



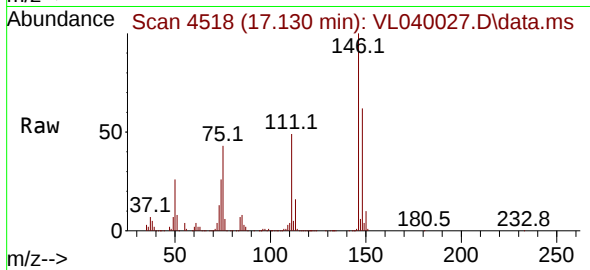
Tgt Ion:146 Resp: 1564107
Ion Ratio Lower Upper
146 100
111 46.9 23.4 70.2
148 63.3 32.0 96.2





#77
1,2-Dichlorobenzene
Concen: 7.927 ppbv
RT: 17.130 min Scan# 4519
Delta R.T. -0.003 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02

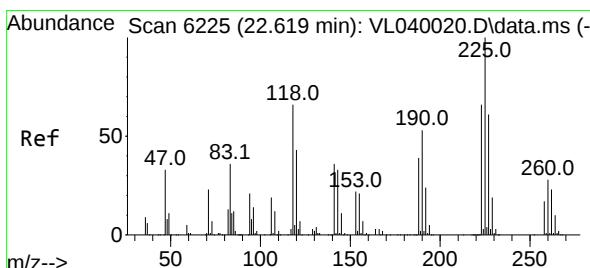
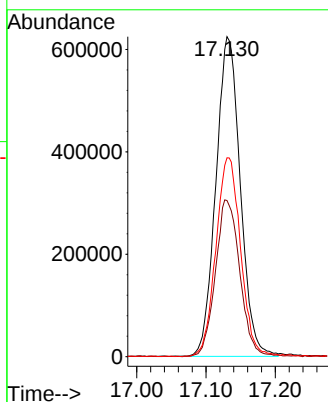
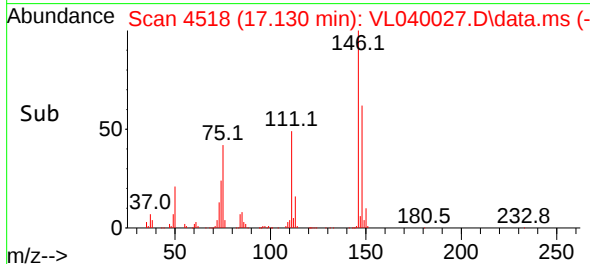
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121922



Tgt Ion:146 Resp: 1527110
Ion Ratio Lower Upper
146 100
111 49.3 25.3 75.9
148 63.5 31.9 95.9

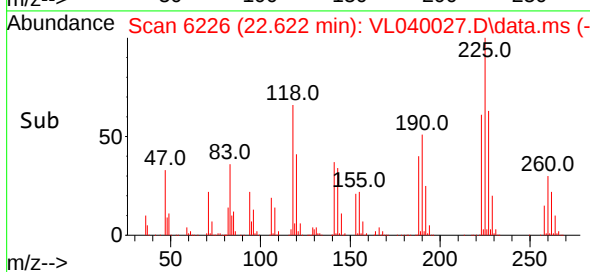
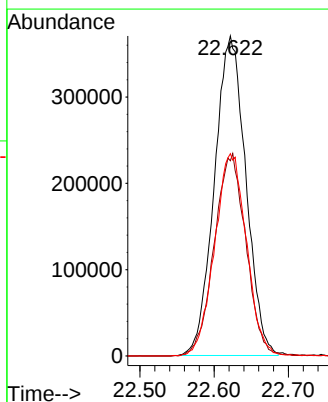
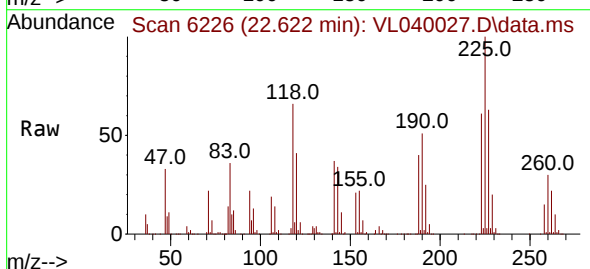
Manual Integrations
APPROVED

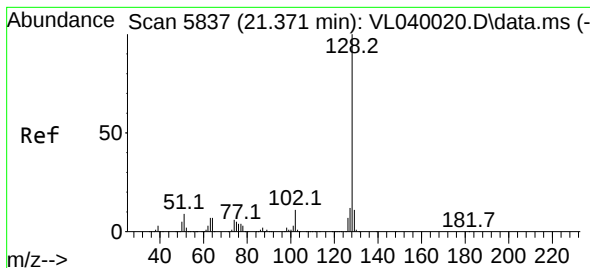
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#78
Hexachloro-1,3-Butadiene
Concen: 8.152 ppbv
RT: 22.622 min Scan# 6226
Delta R.T. 0.003 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02

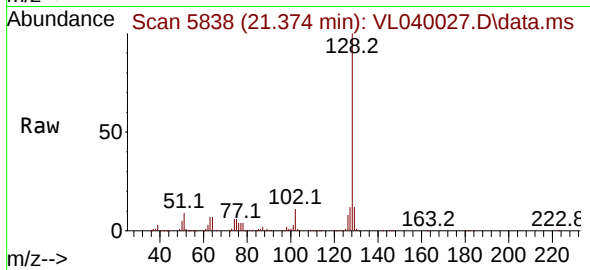
Tgt Ion:225 Resp: 1089363
Ion Ratio Lower Upper
225 100
223 63.9 0.0 0.0#
227 64.4 0.0 0.0#





#79
Naphthalene
Concen: 10.624 ppbv
RT: 21.374 min Scan# 5837
Delta R.T. 0.003 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02

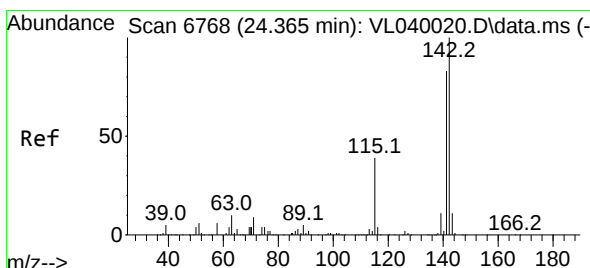
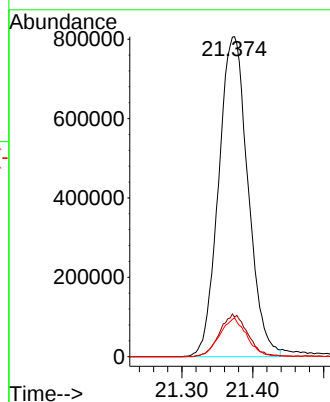
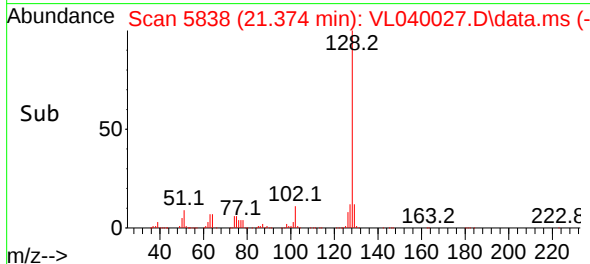
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121922



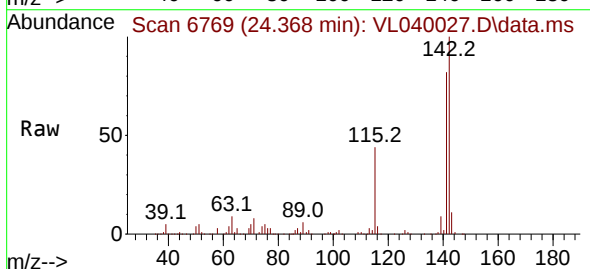
Tgt Ion:128 Resp: 2323794
Ion Ratio Lower Upper
128 100
127 12.4 10.0 15.0
129 12.2 8.8 13.2

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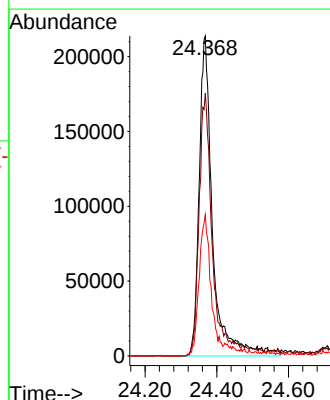
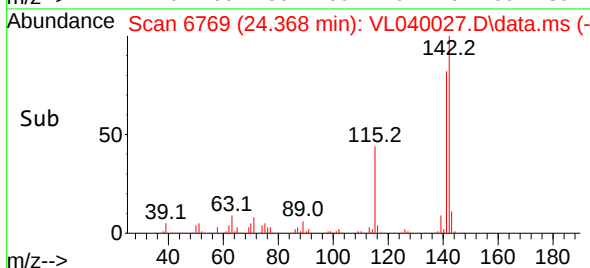
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

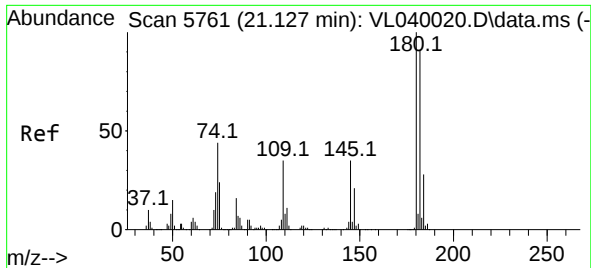


#80
Naphthalene,2-methyl-
Concen: 8.354 ppbv
RT: 24.368 min Scan# 6769
Delta R.T. 0.003 min
Lab File: VL040027.D
Acq: 19 Dec 2022 14:02



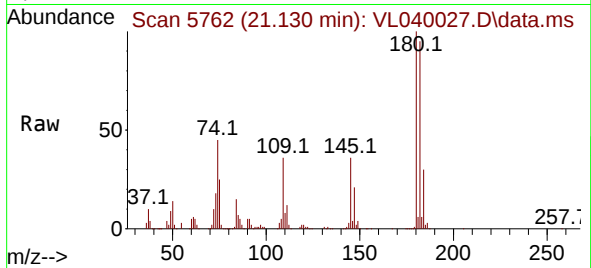
Tgt Ion:142 Resp: 559070
Ion Ratio Lower Upper
142 100
141 82.4 65.3 97.9
115 41.9 31.9 47.9





#81
 1,2,4-Trichlorobenzene
 Concen: 9.084 ppbv
 RT: 21.130 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VL040027.D
 Acq: 19 Dec 2022 14:02

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL121922



Tgt Ion:180 Resp: 118023
 Ion Ratio Lower Upper
 180 100
 182 96.3 76.6 115.0
 184 30.8 24.9 37.3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022

