

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062624\
 Data File : VL041351.D
 Acq On : 26 Jun 2024 8:12
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Quant Time: Jun 26 09:48:59 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M

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

QLast Update : Wed Jun 26 09:48:16 2024

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin
 Yesilyurt

06/27/2024

Supervised By : Mahesh
 Dadoda

06/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.198	49	1084608	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2901573	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2619303	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.790 95 2022181 9.999 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.726	85	125778	0.726	ppbv	97
3) Chlorodifluoromethane	2.671	51	106482	0.621	ppbv	100
4) Chloromethane	2.812	50	38308	0.594	ppbv	94
5) Vinyl Chloride	2.919	62	41141	0.633	ppbv	95
6) Bromomethane	3.121	94	14192	0.614	ppbv	95
7) Chloroethane	3.195	64	13659	0.610	ppbv	91
8) Dichlorotetrafluoroethane	2.854	85	97681	0.613	ppbv	95
9) Propene	2.690	41	35344	0.579	ppbv	88
10) Heptane	7.584	43	82153m	0.568	ppbv	
11) Trichlorofluoromethane	3.565	101	97499	0.612	ppbv	91
12) 1,1,2-Trichlorotrifluo...	4.073	101	70631	0.628	ppbv	100
13) Ethanol	3.263	45	8086m	0.509	ppbv	
14) Bromoethene	3.365	108	26075	0.573	ppbv #	93
15) Acetone	3.488	43	88122	0.712	ppbv	99
16) 1,3-Butadiene	2.983	39	36612	0.588	ppbv	91
17) tert-Butyl alcohol	3.902	59	59630	0.523	ppbv #	93
18) 1,1-Dichloroethene	3.880	96	30742	0.641	ppbv	95
19) Isopropyl Alcohol	3.597	45	36390	0.468	ppbv #	94
20) Methylene Chloride	3.941	84	31150m	0.692	ppbv	
21) Allyl Chloride	3.999	41	45261	0.577	ppbv	87
22) trans-1,2-Dichloroethene	4.452	96	29316	0.586	ppbv	87
23) Vinyl Acetate	4.639	43	65522	0.517	ppbv	98
24) 1,1-Dichloroethane	4.565	63	62418	0.560	ppbv #	98
25) Ethyl Acetate	5.221	43	141066	0.576	ppbv	98
26) Hexane	5.214	57	59593	0.541	ppbv	87
27) Carbon Disulfide	4.128	76	69923	0.573	ppbv #	90
28) Methyl tert-Butyl Ether	4.607	73	45033	0.552	ppbv	92
29) Chloroform	5.279	83	96624	0.572	ppbv	89
30) Cyclohexane	6.613	84	44670	0.500	ppbv	93
31) cis-1,2-Dichloroethene	5.086	61	54541	0.524	ppbv	97
32) 1,1,1-Trichloroethane	6.012	97	91223	0.570	ppbv	96
34) 2-Butanone	4.809	43	80221	0.577	ppbv	99
35) Carbon Tetrachloride	6.500	117	91493	0.555	ppbv	95
36) Benzene	6.378	78	121390	0.540	ppbv	95
37) 1,2-Dichloroethane	5.812	62	68657	0.524	ppbv #	96
38) Trichloroethene	7.307	130	44086	0.484	ppbv	86
39) 1,2-Dichloropropane	7.086	63	46843	0.523	ppbv	94
40) 1,4-Dioxane	7.324	88	17753m	0.541	ppbv	
41) Tetrahydrofuran	5.587	42	50910m	0.563	ppbv	
42) Bromodichloromethane	7.256	83	103453	0.549	ppbv	95
43) Methyl Methacrylate	7.491	69	43759m	0.511	ppbv	
44) 2,2,4-Trimethylpentane	7.340	57	211725	0.547	ppbv	97
45) t-1,3-Dichloropropene	8.722	75	26095m	0.451	ppbv	

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Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

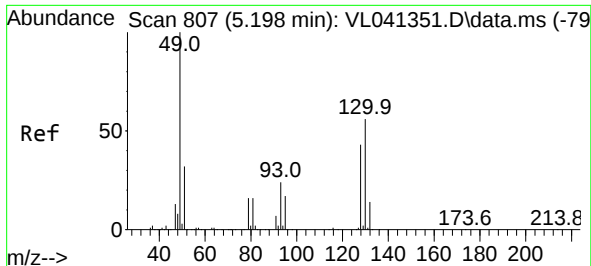
Reviewed By : Semsettin
 Yesilyurt

06/27/2024
 Supervised By : Mahesh
 Dadoda

Quant Time: Jun 26 09:48:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Jun 26 09:48:16 2024
 Response via : Initial Calibration

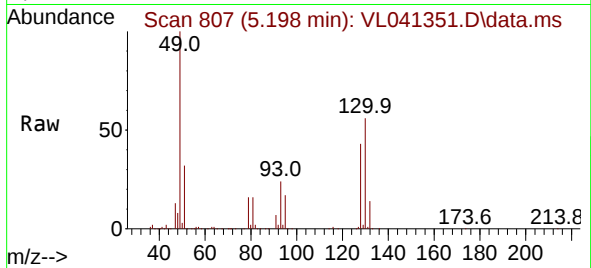
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	35312	0.474	ppbv	95
47) 1,1,2-Trichloroethane	8.905	97	52953m	0.566	ppbv	
48) Dibromochloromethane	9.725	129	75523	0.490	ppbv	100
49) Bromoform	12.417	173	61457m	0.494	ppbv	
50) 4-Methyl-2-Pentanone	8.211	43	128836m	0.560	ppbv	
51) 2-Hexanone	9.590	43	78965	0.483	ppbv #	98
52) Tetrachloroethene	10.629	164	46796	0.571	ppbv	91
53) Toluene	9.230	91	133162	0.515	ppbv	100
54) 1,2-Dibromoethane	10.024	107	60885	0.499	ppbv	82
56) 1,1,1,2-Tetrachloroethane	11.523	131	61446	0.555	ppbv #	1
57) Chlorobenzene	11.539	112	118852	0.611	ppbv #	87
58) Ethyl Benzene	12.101	91	177986	0.530	ppbv	98
59) m/p-Xylene	12.378	91	325747m	1.132	ppbv	
60) o-Xylene	13.076	91	153148m	0.558	ppbv	
61) Styrene	12.912	104	65473m	0.487	ppbv	
62) Isopropylbenzene	14.047	105	233118	0.562	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.066	83	113594	0.582	ppbv	95
64) n-propylbenzene	14.931	120	57438m	0.537	ppbv	
65) tert-Butylbenzene	16.108	119	208481	0.565	ppbv	97
66) Benzyl Chloride	16.359	91	12360m	0.509	ppbv	
67) sec-Butylbenzene	16.651	105	302075	0.580	ppbv	99
69) p-Isopropyltoluene	17.011	119	234358	0.546	ppbv	97
70) n-Butylbenzene	17.908	91	235285	0.528	ppbv	100
71) 2-Chlorotoluene	14.818	91	179986m	0.567	ppbv	
72) 4-Ethyltoluene	15.207	105	164179	0.514	ppbv #	97
73) 1,3,5-Trimethylbenzene	15.368	105	156147m	0.563	ppbv	
74) 1,2,4-Trimethylbenzene	16.121	105	175262	0.559	ppbv #	88
75) 1,3-Dichlorobenzene	16.349	146	97550	0.530	ppbv	91
76) 1,4-Dichlorobenzene	16.490	146	98244	0.534	ppbv	91
77) 1,2-Dichlorobenzene	17.166	146	105977m	0.575	ppbv	
78) Hexachloro-1,3-Butadiene	22.651	225	83746m	0.555	ppbv	
79) Naphthalene	21.413	128	64645m	0.238	ppbv	
81) 1,2,4-Trichlorobenzene	21.169	180	41840m	0.276	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 807
Delta R.T. -0.003 min
Lab File: VL041351.D
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Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



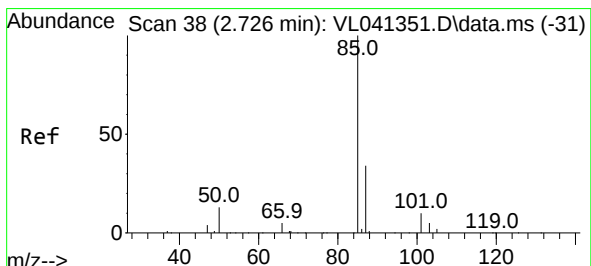
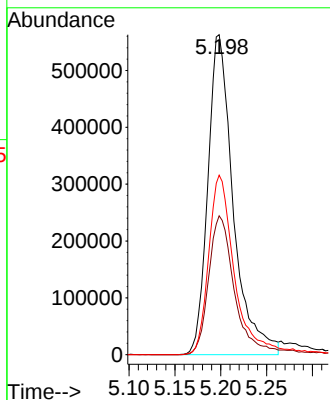
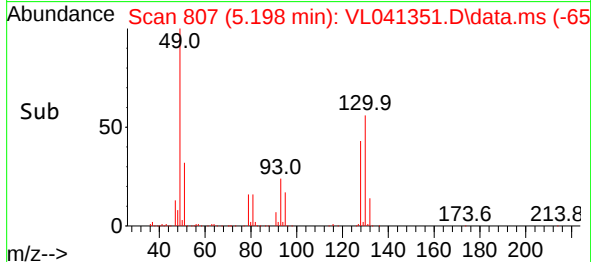
Tgt Ion: 49 Resp: 1084608
Ion Ratio Lower Upper
49 100
128 46.2 22.8 68.3
130 58.9 28.9 86.7

Manual Integrations
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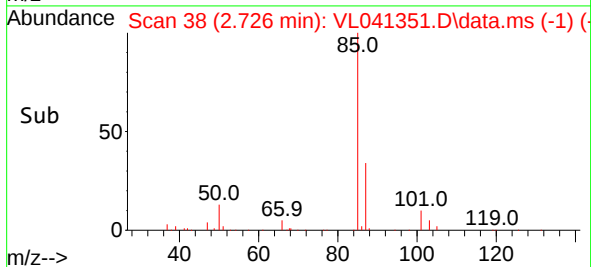
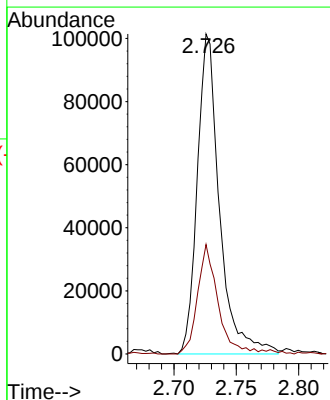
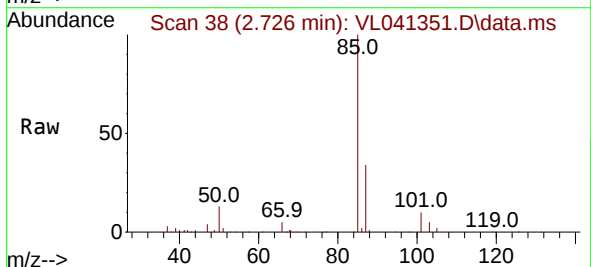
06/27/2024
Supervised By :Mahesh
Dadoda

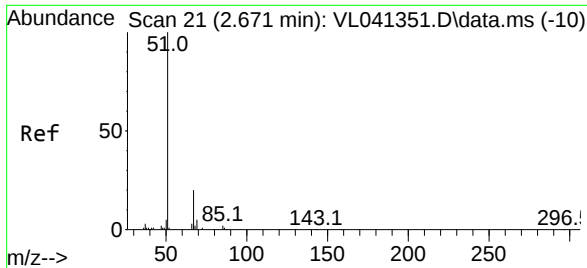
06/27/2024



#2
Dichlorodifluoromethane
Concen: 0.726 ppbv
RT: 2.726 min Scan# 38
Delta R.T. -0.003 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

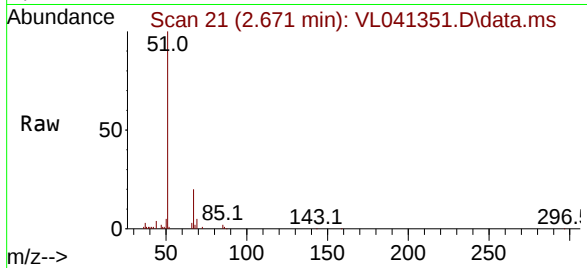
Tgt Ion: 85 Resp: 125778
Ion Ratio Lower Upper
85 100
87 34.2 25.9 38.9





#3
Chlorodifluoromethane
Concen: 0.621 ppbv
RT: 2.671 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



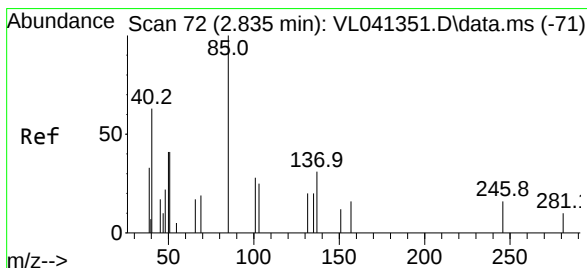
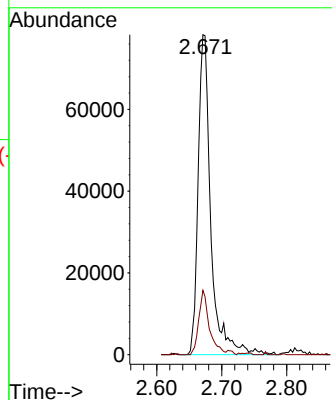
Tgt Ion: 51 Resp: 10648
Ion Ratio Lower Upper
51 100
67 17.8 14.3 21.5

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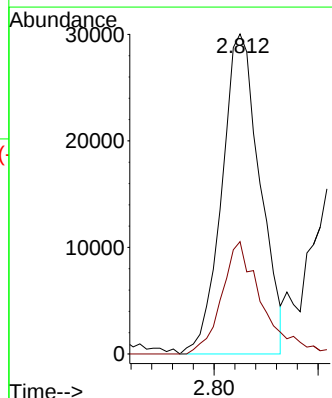
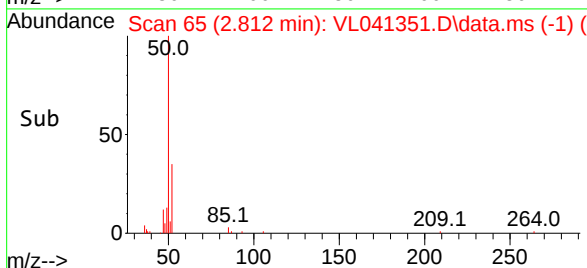
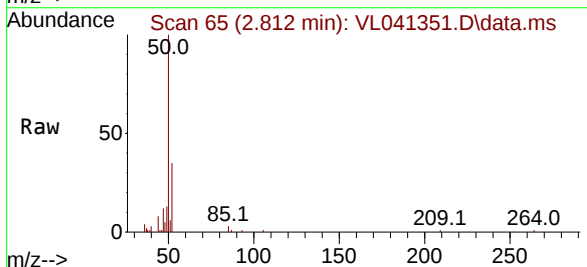
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Supervised By :Mahesh
Dadoda

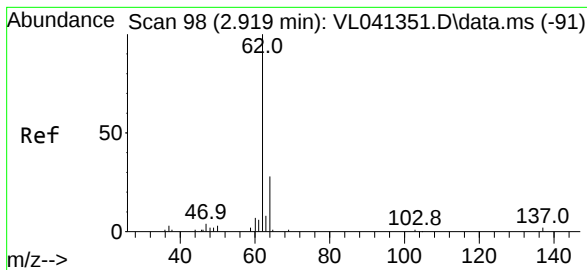
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#4
Chloromethane
Concen: 0.594 ppbv
RT: 2.812 min Scan# 65
Delta R.T. -0.003 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

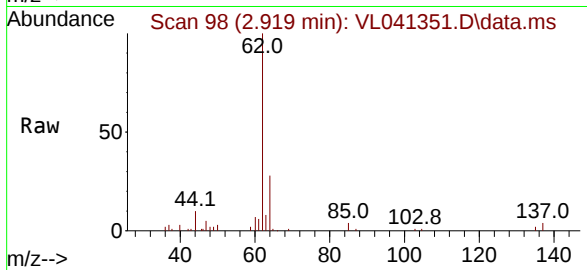
Tgt Ion: 50 Resp: 38308
Ion Ratio Lower Upper
50 100
52 35.1 25.6 38.4





#5
 Vinyl Chloride
 Concen: 0.633 ppbv
 RT: 2.919 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VL041351.D
 Acq: 26 Jun 2024 8:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



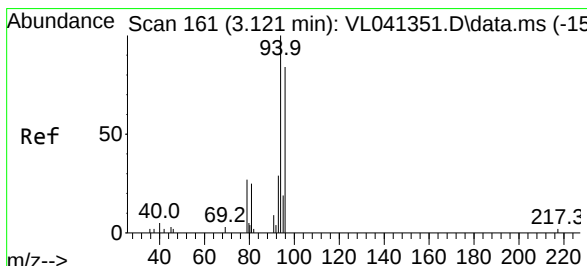
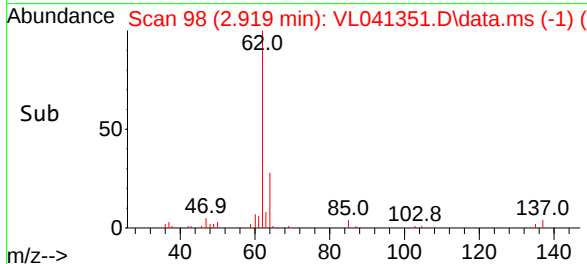
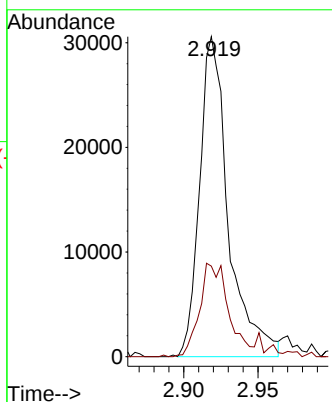
Tgt Ion: 62 Resp: 4114
 Ion Ratio Lower Upper
 62 100
 64 28.4 25.0 37.6

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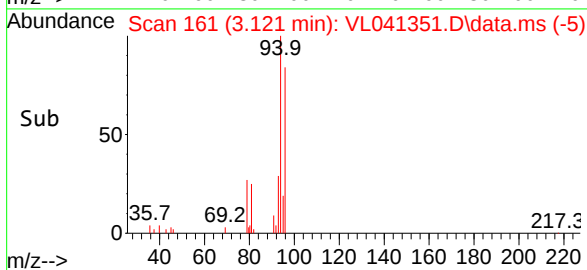
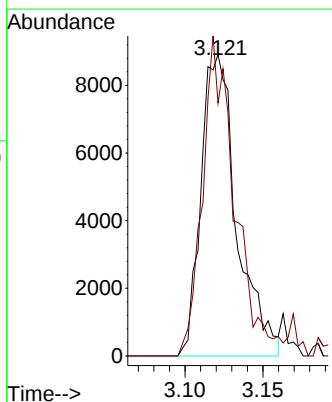
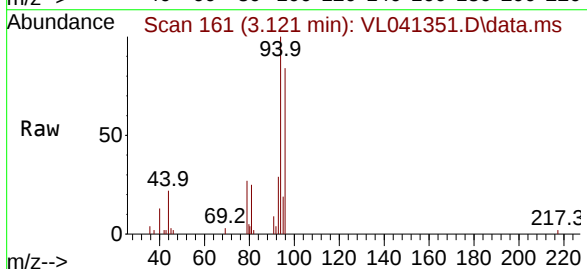
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 Dadoda

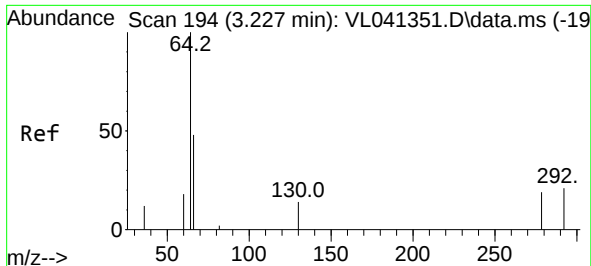
06/27/2024



#6
 Bromomethane
 Concen: 0.614 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VL041351.D
 Acq: 26 Jun 2024 8:12

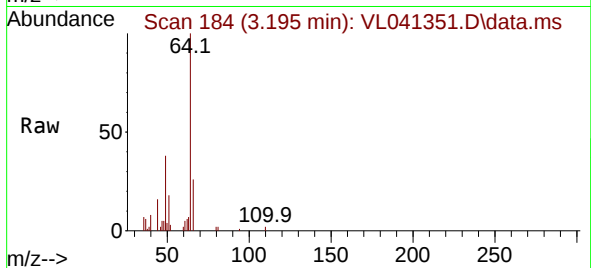
Tgt Ion: 94 Resp: 14192
 Ion Ratio Lower Upper
 94 100
 96 83.8 71.0 106.4





#7
Chloroethane
Concen: 0.610 ppbv
RT: 3.195 min Scan# 184
Delta R.T. -0.006 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



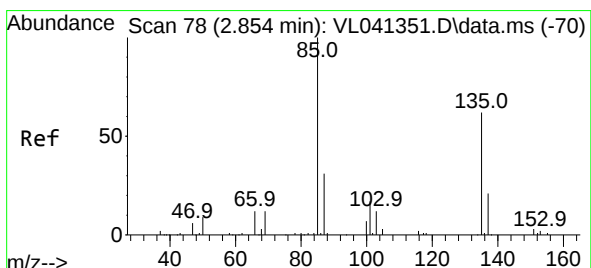
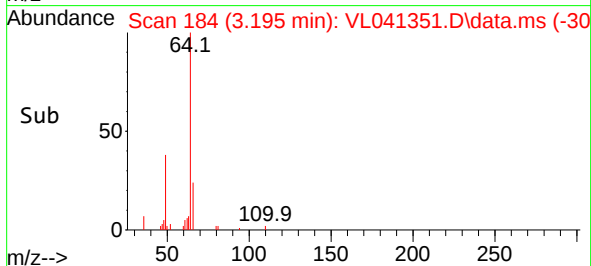
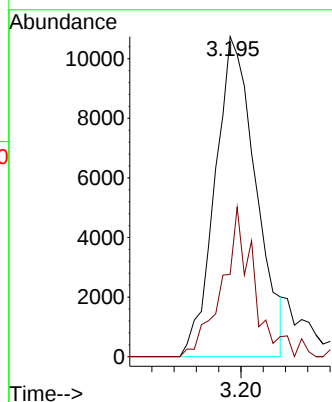
Tgt Ion: 64 Resp: 13659
Ion Ratio Lower Upper
64 100
66 25.7 24.6 36.8

Manual Integrations
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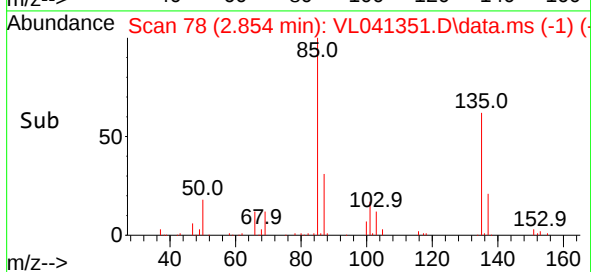
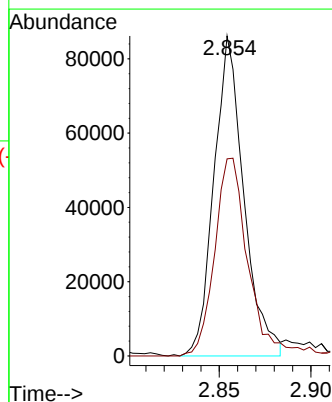
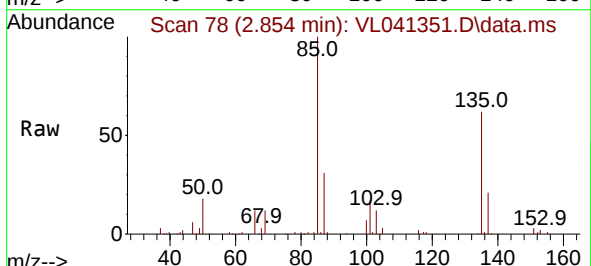
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Dadoda

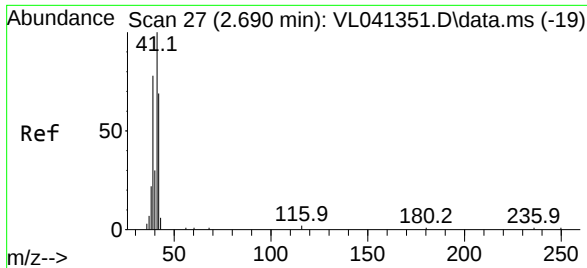
06/27/2024



#8
Dichlorotetrafluoroethane
Concen: 0.613 ppbv
RT: 2.854 min Scan# 78
Delta R.T. -0.003 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

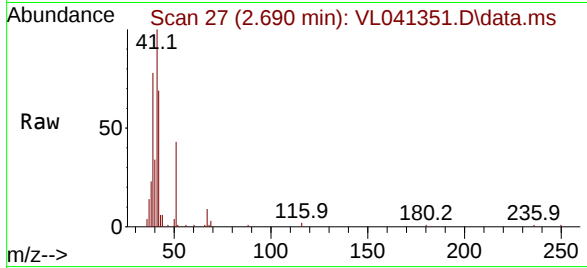
Tgt Ion: 85 Resp: 97681
Ion Ratio Lower Upper
85 100
135 71.3 53.7 80.5





#9
 Propene
 Concen: 0.579 ppbv
 RT: 2.690 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VL041351.D
 Acq: 26 Jun 2024 8:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



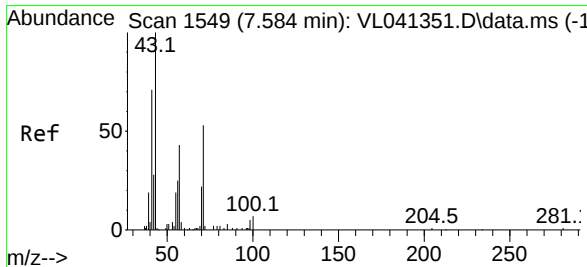
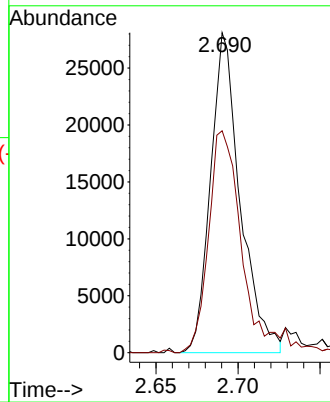
Tgt Ion: 41 Resp: 35344
 Ion Ratio Lower Upper
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 42 79.7 55.8 83.8

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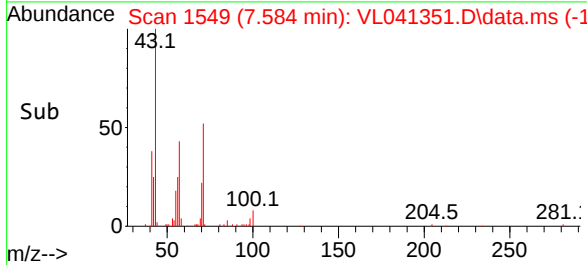
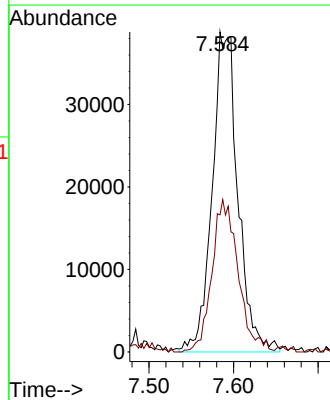
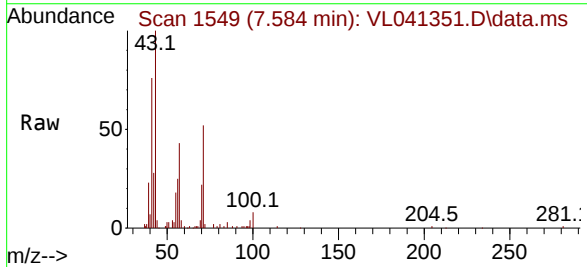
06/27/2024
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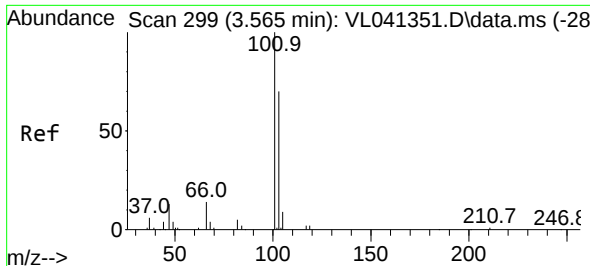
06/27/2024



#10
 Heptane
 Concen: 0.568 ppbv m
 RT: 7.584 min Scan# 1549
 Delta R.T. -0.010 min
 Lab File: VL041351.D
 Acq: 26 Jun 2024 8:12

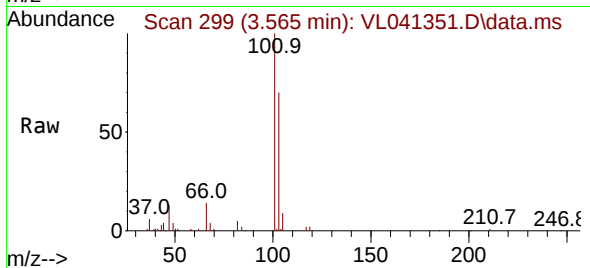
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 Ion Ratio Lower Upper
 43 100
 57 49.2 40.3 60.5





#11
 Trichlorofluoromethane
 Concen: 0.612 ppbv
 RT: 3.565 min Scan# 299
 Delta R.T. -0.003 min
 Lab File: VL041351.D
 Acq: 26 Jun 2024 8:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



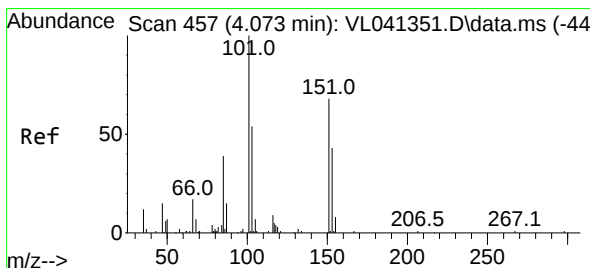
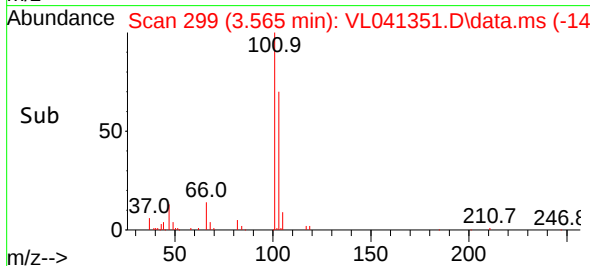
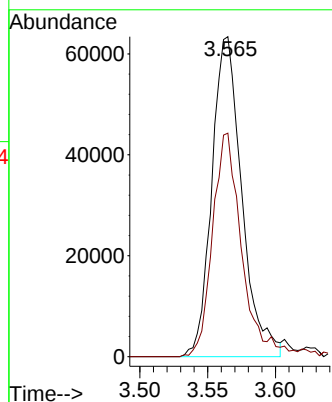
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 Ion Ratio Lower Upper
 101 100
 103 69.8 50.5 75.7

Manual Integrations
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Reviewed By :Semsettin
 Yesilyurt

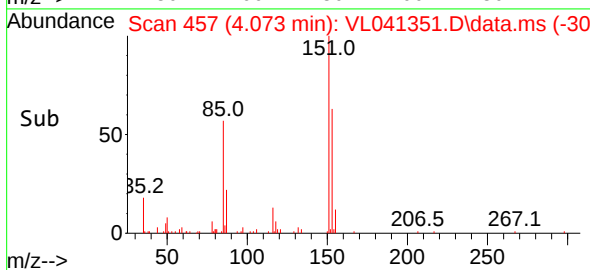
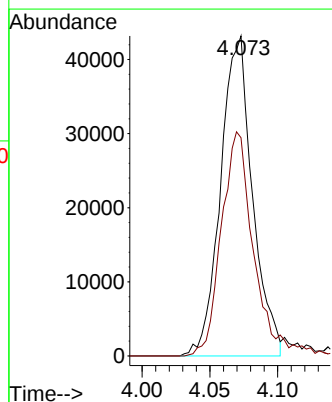
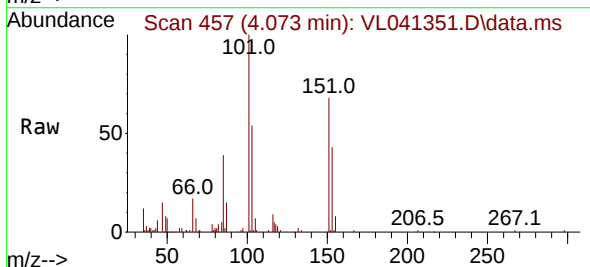
06/27/2024
 Supervised By :Mahesh
 Dadoda

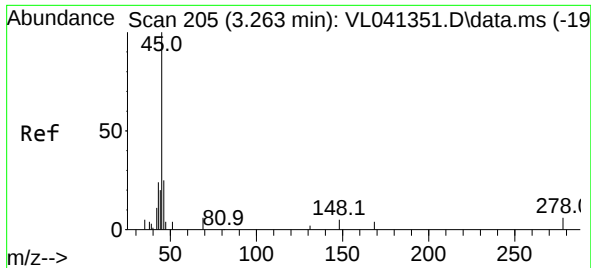
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.628 ppbv
 RT: 4.073 min Scan# 457
 Delta R.T. 0.003 min
 Lab File: VL041351.D
 Acq: 26 Jun 2024 8:12

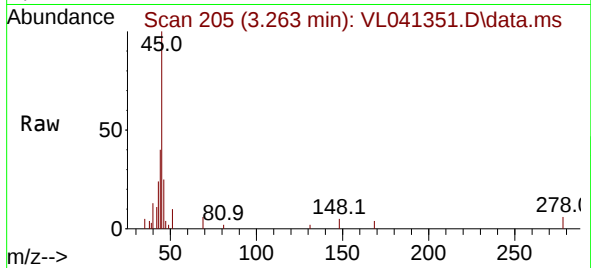
Tgt Ion:101 Resp: 70631
 Ion Ratio Lower Upper
 101 100
 151 71.3 57.0 85.6





#13
Ethanol
Concen: 0.509 ppbv m
RT: 3.263 min Scan# 205
Delta R.T. 0.013 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



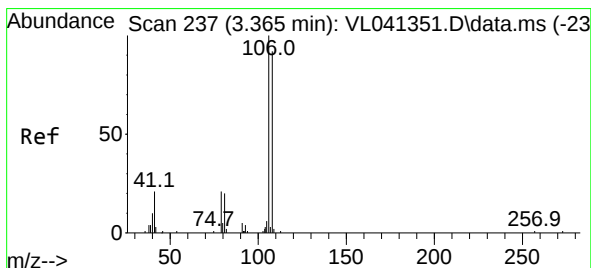
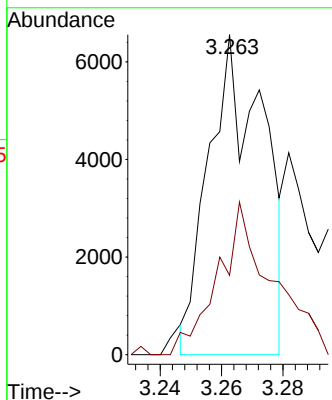
Tgt Ion: 45 Resp: 8080
Ion Ratio Lower Upper
45 100
46 61.2 13.3 53.3

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

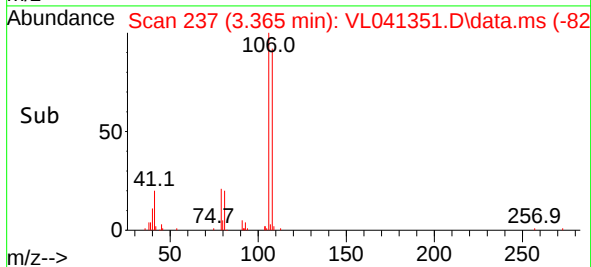
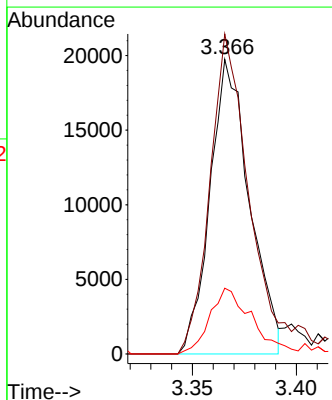
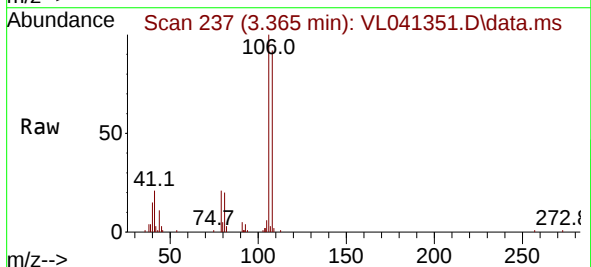
06/27/2024
Supervised By :Mahesh
Dadoda

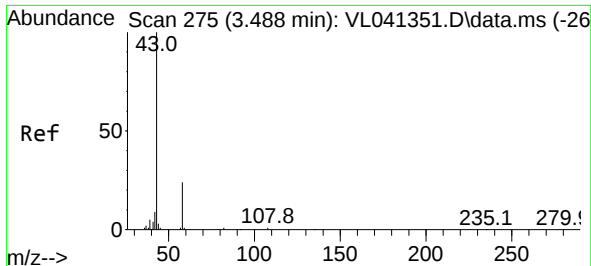
06/27/2024



#14
Bromoethene
Concen: 0.573 ppbv
RT: 3.365 min Scan# 237
Delta R.T. -0.003 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

Tgt Ion:108 Resp: 26075
Ion Ratio Lower Upper
108 100
106 113.3 85.5 128.3
79 25.4 16.3 24.5





#15
Acetone
Concen: 0.712 ppbv
RT: 3.488 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

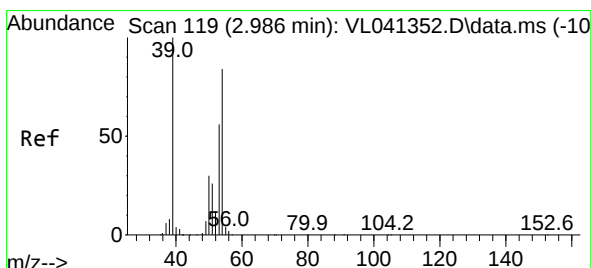
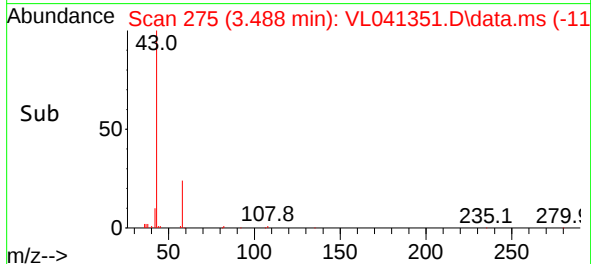
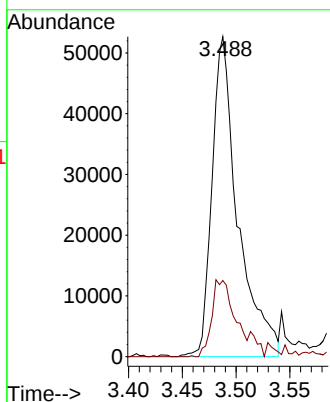
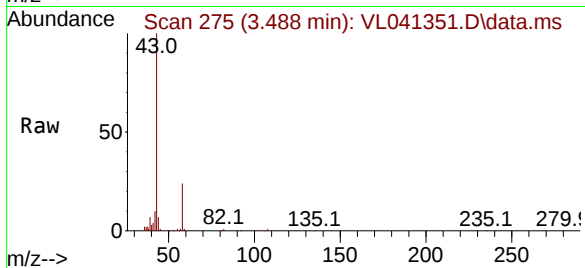
Tgt Ion: 43 Resp: 8812
Ion Ratio Lower Upper
43 100
58 25.9 20.3 30.5

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

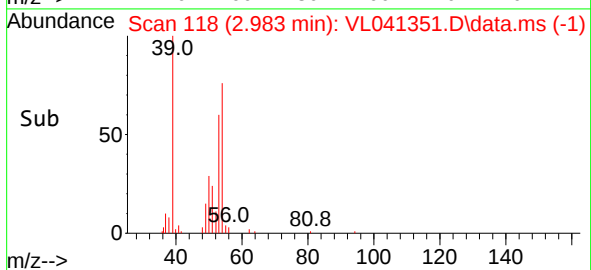
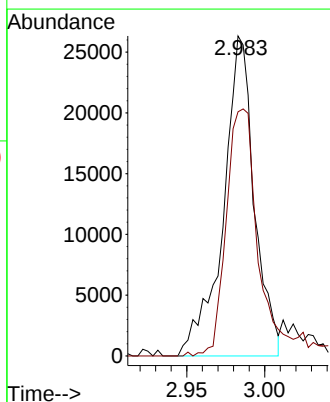
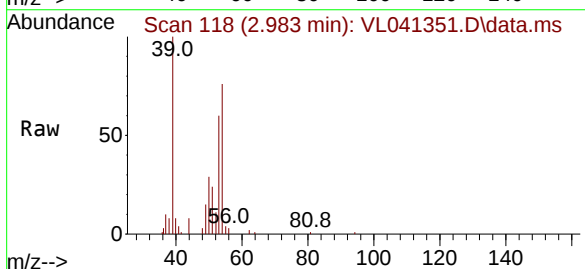
06/27/2024
Supervised By :Mahesh
Dadoda

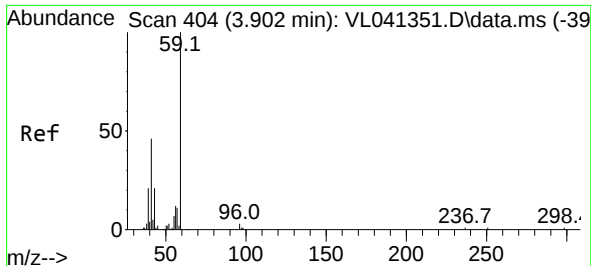
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#16
1,3-Butadiene
Concen: 0.588 ppbv
RT: 2.983 min Scan# 118
Delta R.T. -0.003 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

Tgt Ion: 39 Resp: 36612
Ion Ratio Lower Upper
39 100
54 83.2 60.5 90.7





#17
tert-Butyl alcohol
Concen: 0.523 ppbv
RT: 3.902 min Scan# 404
Delta R.T. 0.016 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

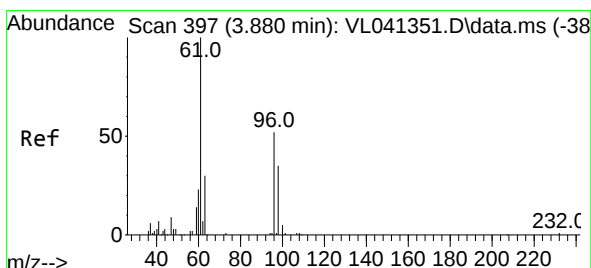
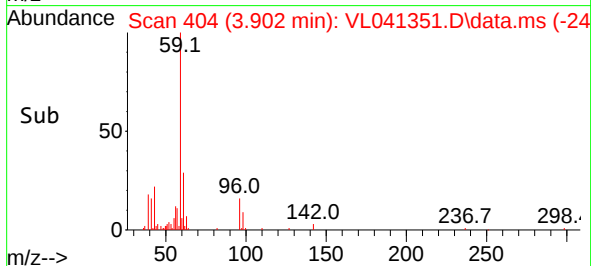
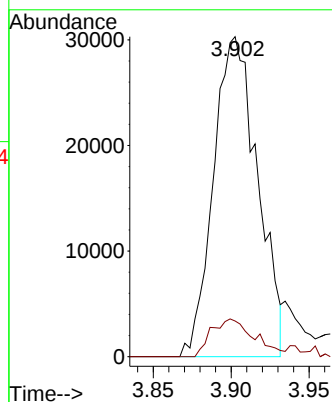
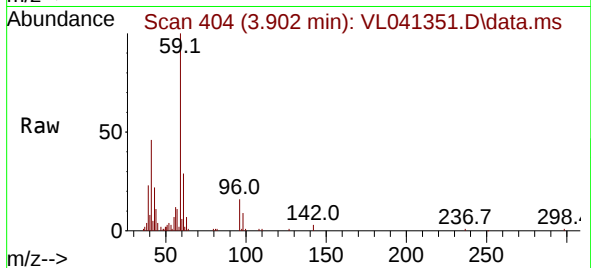
Tgt Ion: 59 Resp: 59630
Ion Ratio Lower Upper
59 100
57 13.2 8.4 12.6

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

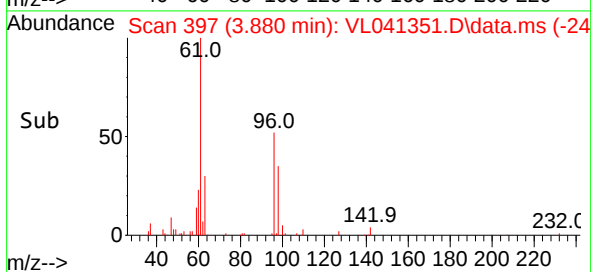
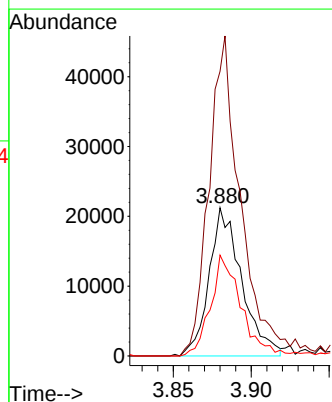
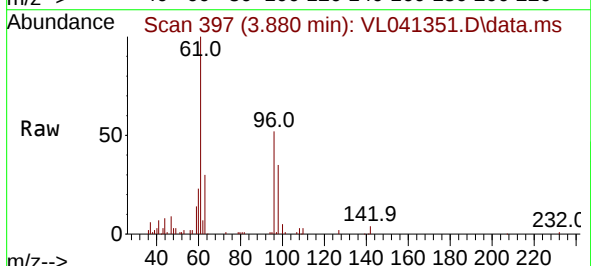
06/27/2024
Supervised By :Mahesh
Dadoda

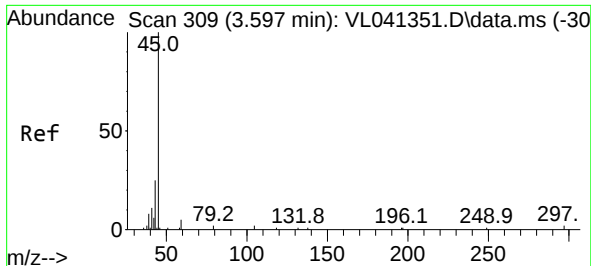
06/27/2024



#18
1,1-Dichloroethene
Concen: 0.641 ppbv
RT: 3.880 min Scan# 397
Delta R.T. -0.006 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

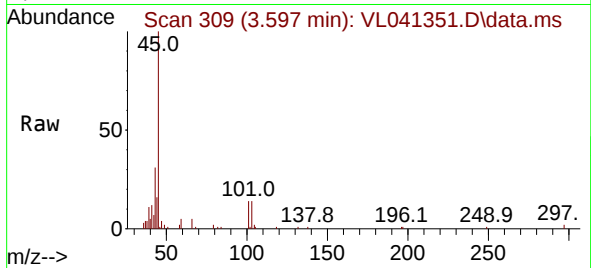
Tgt Ion: 96 Resp: 30742
Ion Ratio Lower Upper
96 100
61 192.1 160.3 240.5
98 68.0 51.6 77.4





#19
Isopropyl Alcohol
Concen: 0.468 ppbv
RT: 3.597 min Scan# 309
Delta R.T. 0.013 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



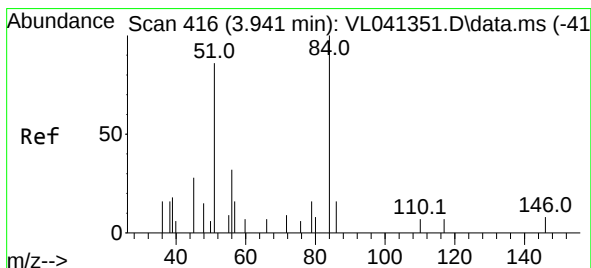
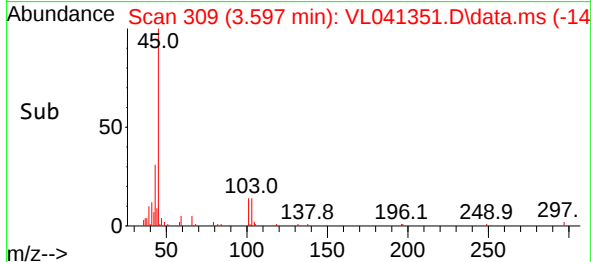
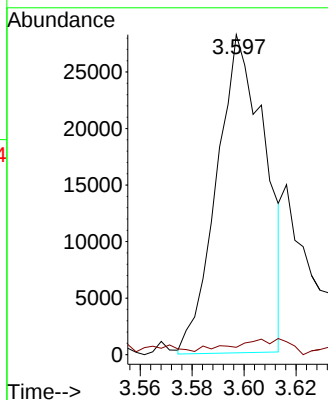
Tgt Ion: 45 Resp: 36390
Ion Ratio Lower Upper
45 100
58 0.0 1.6 2.4

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Reviewed By :Semsettin
Yesilyurt

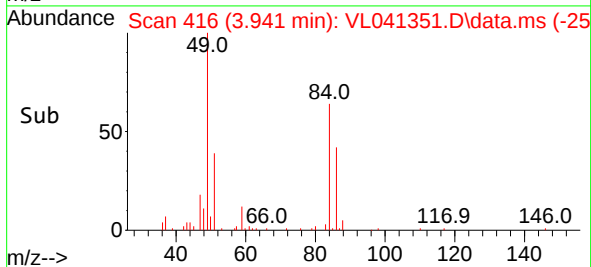
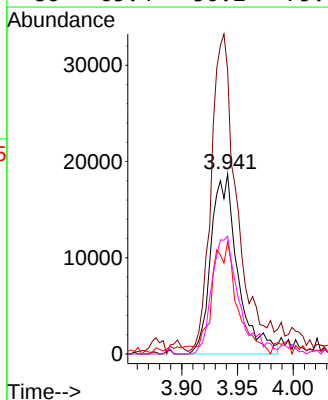
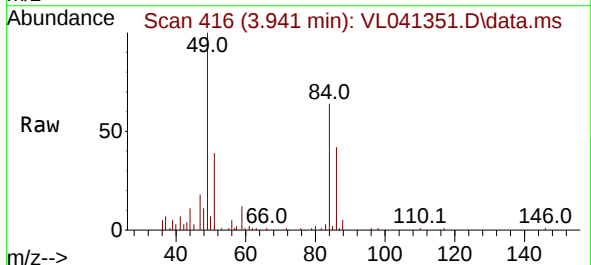
06/27/2024
Supervised By :Mahesh
Dadoda

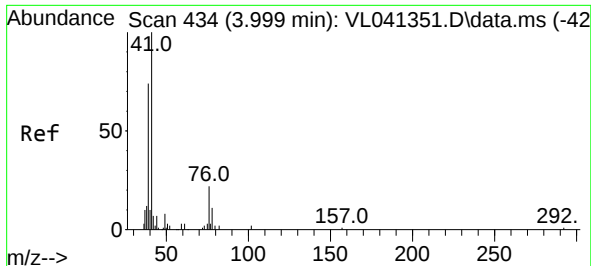
06/27/2024



#20
Methylene Chloride
Concen: 0.692 ppbv m
RT: 3.941 min Scan# 416
Delta R.T. 0.003 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

Tgt Ion: 84 Resp: 31150
Ion Ratio Lower Upper
84 100
49 157.5 131.8 197.6
51 62.2 39.6 59.4#
86 65.4 50.2 75.4





#21

Allyl Chloride

Concen: 0.577 ppbv

RT: 3.999 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL041351.D

Acq: 26 Jun 2024 8:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 41	Resp: 4526
Ion Ratio	Lower Upper
41 100	
76 30.9	23.3 34.9
39 97.6	66.0 99.0

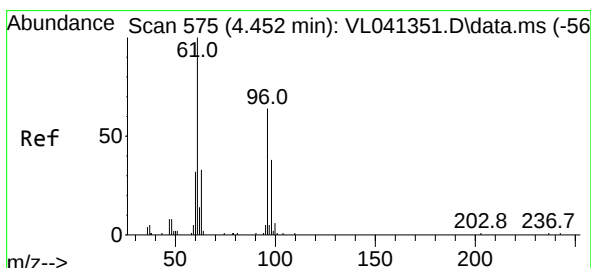
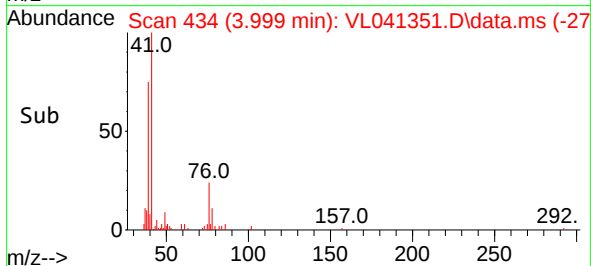
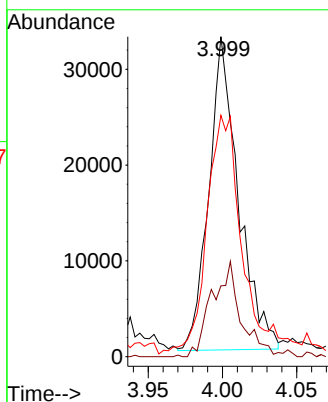
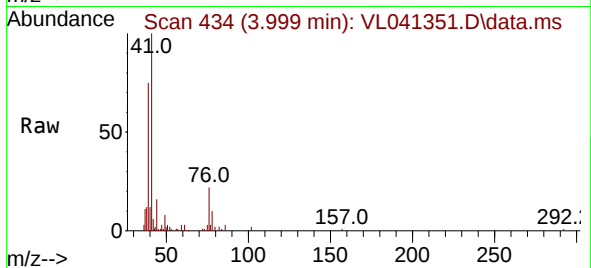
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

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Supervised By :Mahesh
Dadoda

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#22

trans-1,2-Dichloroethene

Concen: 0.586 ppbv

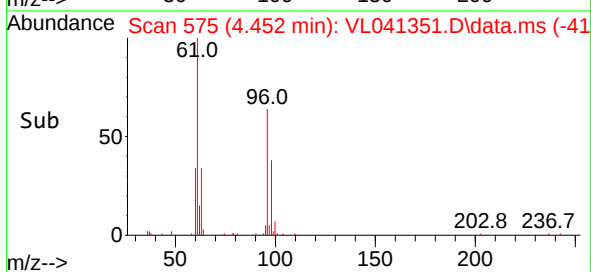
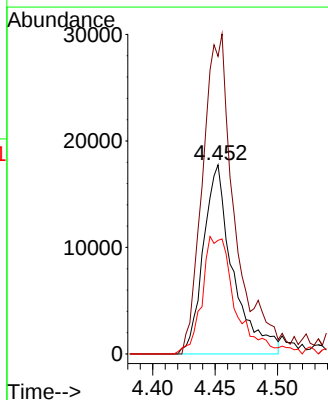
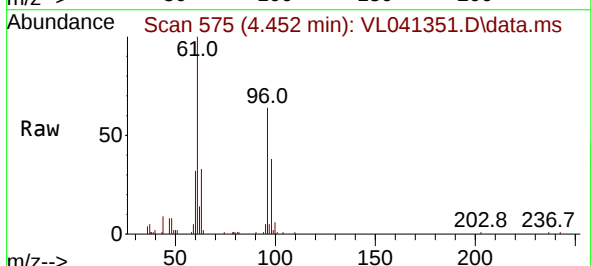
RT: 4.452 min Scan# 575

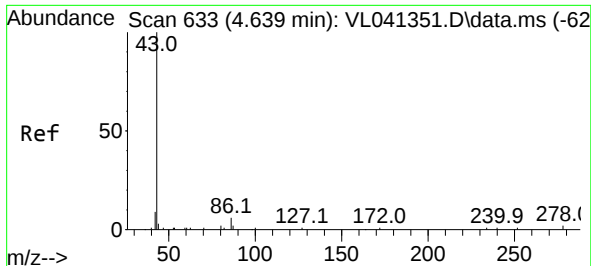
Delta R.T. 0.000 min

Lab File: VL041351.D

Acq: 26 Jun 2024 8:12

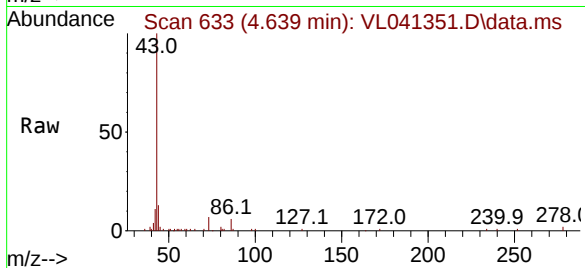
Tgt Ion: 96	Resp: 29316
Ion Ratio	Lower Upper
96 100	
61 157.5	142.0 213.0
98 58.9	52.2 78.2





#23
 Vinyl Acetate
 Concen: 0.517 ppbv
 RT: 4.639 min Scan# 610
 Delta R.T. 0.003 min
 Lab File: VL041351.D
 Acq: 26 Jun 2024 8:12

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5



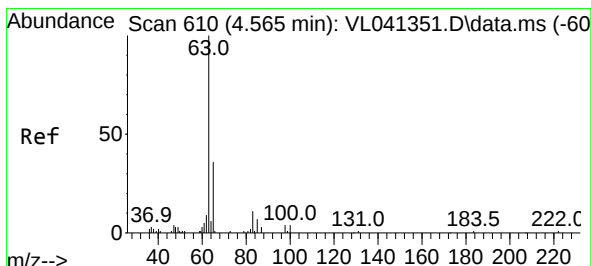
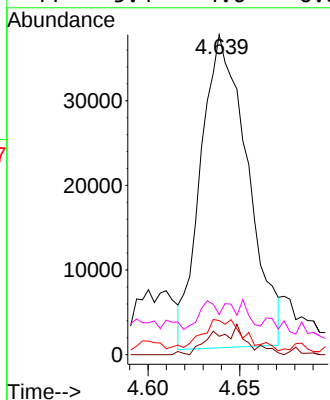
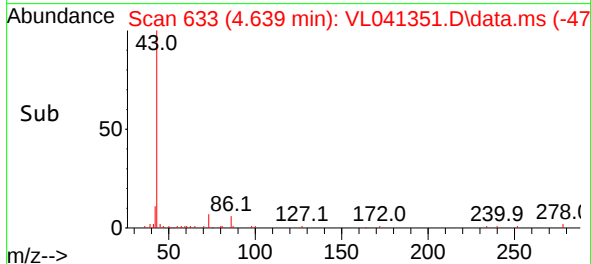
Tgt Ion: 43 Resp: 6552
 Ion Ratio Lower Upper
 43 100
 86 6.1 5.0 7.4
 42 11.2 7.9 11.9
 44 5.4 4.6 6.8

Manual Integrations
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Reviewed By :Semsettin
 Yesilyurt

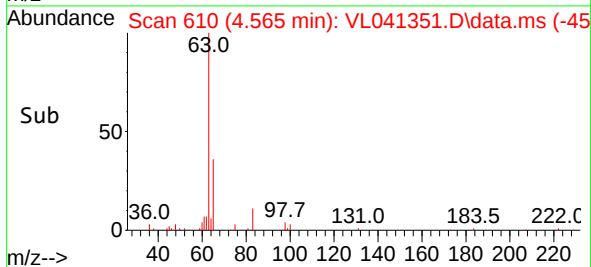
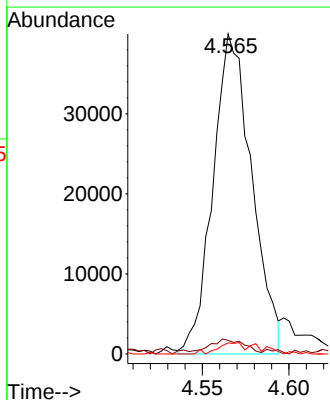
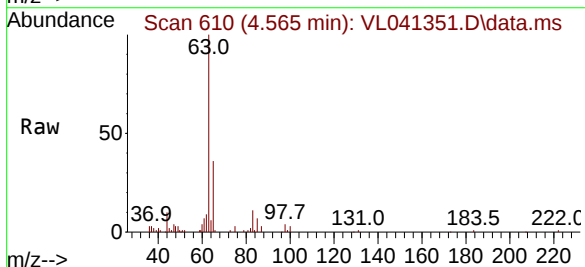
06/27/2024
 Supervised By :Mahesh
 Dadoda

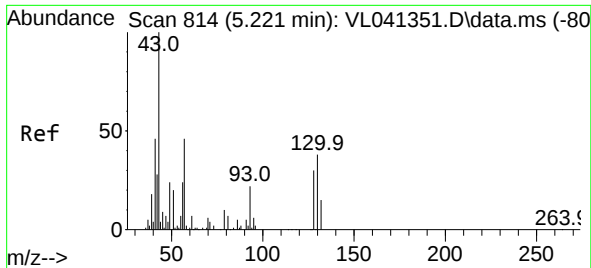
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#24
 1,1-Dichloroethane
 Concen: 0.560 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. -0.006 min
 Lab File: VL041351.D
 Acq: 26 Jun 2024 8:12

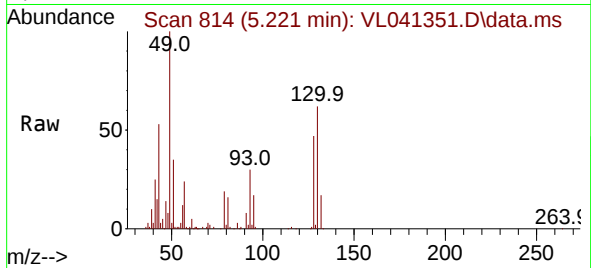
Tgt Ion: 63 Resp: 62418
 Ion Ratio Lower Upper
 63 100
 98 3.3 1.8 5.4
 100 3.5 1.1 3.3





#25
Ethyl Acetate
Concen: 0.576 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.006 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 43 Resp: 14106

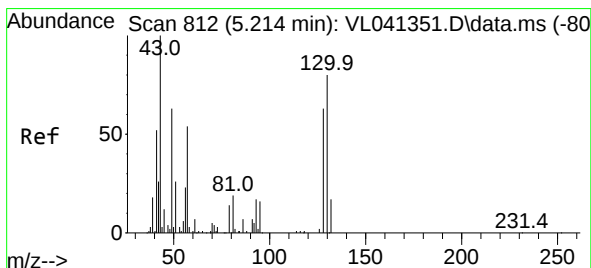
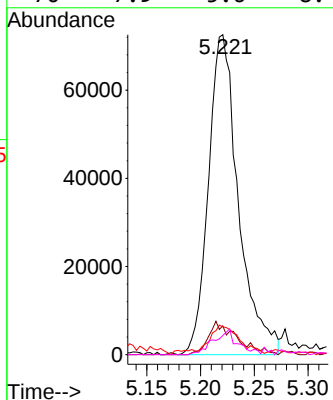
Ion	Ratio	Lower	Upper
43	100		
45	9.8	8.3	12.5
61	10.7	7.7	11.5
70	7.9	5.6	8.4

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

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Supervised By :Mahesh
Dadoda

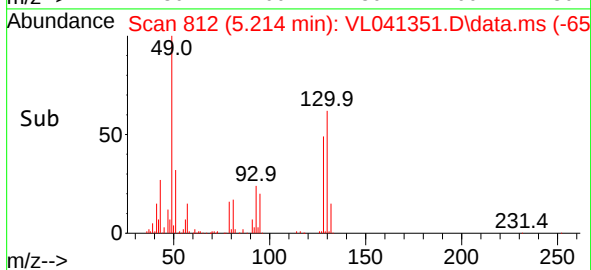
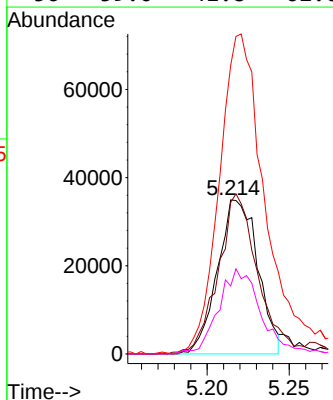
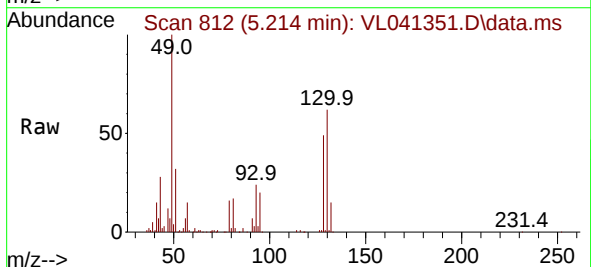
06/27/2024

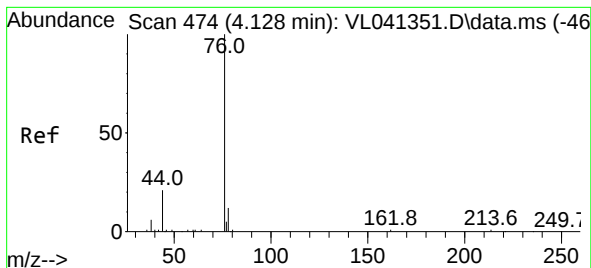


#26
Hexane
Concen: 0.541 ppbv
RT: 5.214 min Scan# 812
Delta R.T. -0.006 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

Tgt Ion: 57 Resp: 59593

Ion	Ratio	Lower	Upper
57	100		
41	108.6	73.7	110.5
43	248.8	182.2	273.2
56	59.0	41.8	62.6





#27

Carbon Disulfide

Concen: 0.573 ppbv

RT: 4.128 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL041351.D

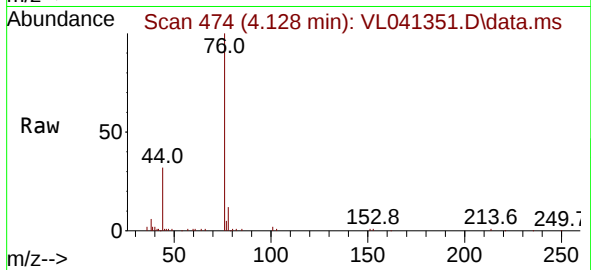
Acq: 26 Jun 2024 8:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5



Tgt Ion: 76 Resp: 6992

Ion	Ratio	Lower	Upper
76	100		
44	27.3	17.4	26.2
78	10.9	7.3	10.9

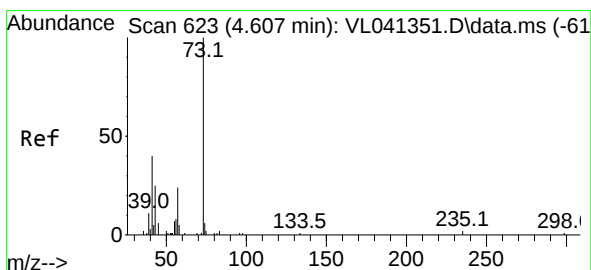
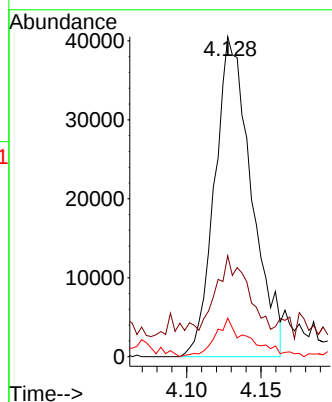
Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

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Dadoda

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#28

Methyl tert-Butyl Ether

Concen: 0.552 ppbv

RT: 4.607 min Scan# 623

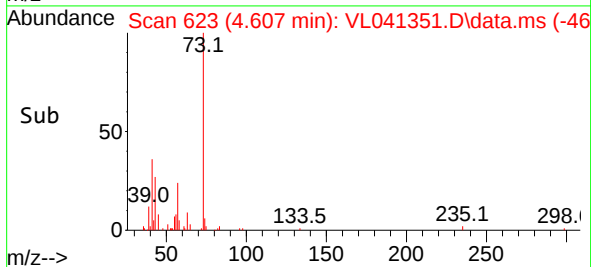
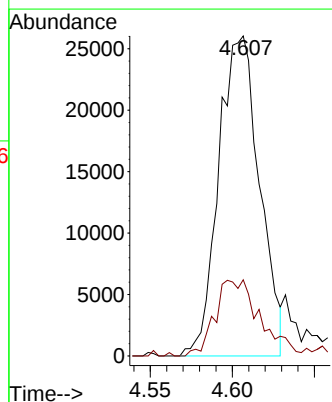
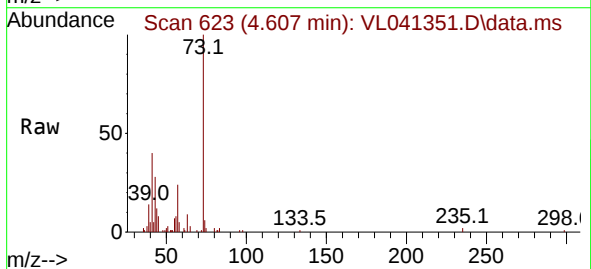
Delta R.T. 0.013 min

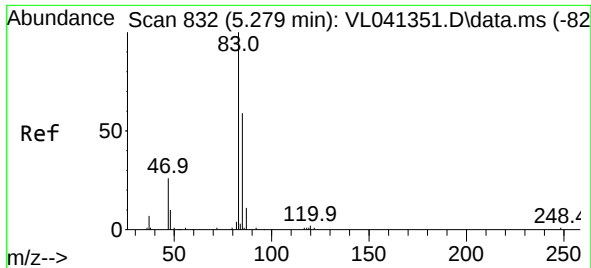
Lab File: VL041351.D

Acq: 26 Jun 2024 8:12

Tgt Ion: 73 Resp: 45033

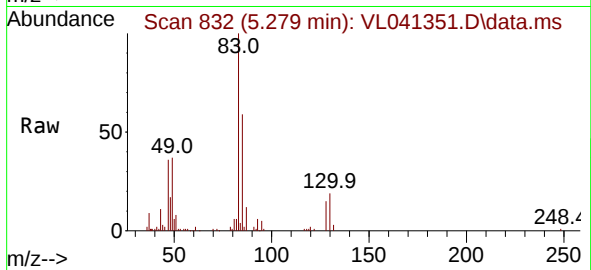
Ion	Ratio	Lower	Upper
73	100		
57	28.8	19.9	29.9





#29
Chloroform
Concen: 0.572 ppbv
RT: 5.279 min Scan# 832
Delta R.T. -0.006 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



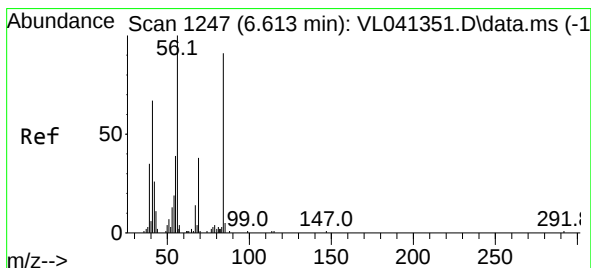
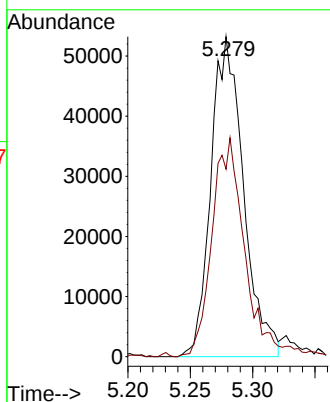
Tgt Ion: 83 Resp: 96624
Ion Ratio Lower Upper
83 100
85 58.6 54.2 81.4

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

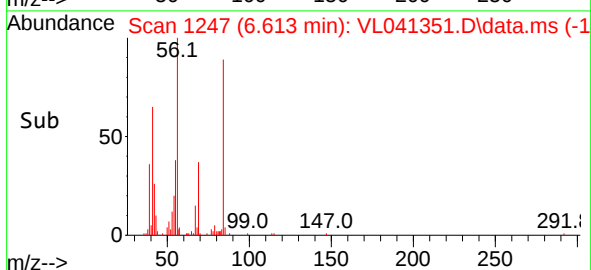
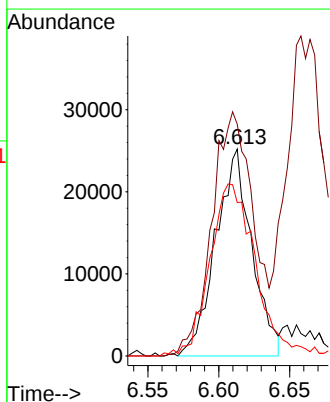
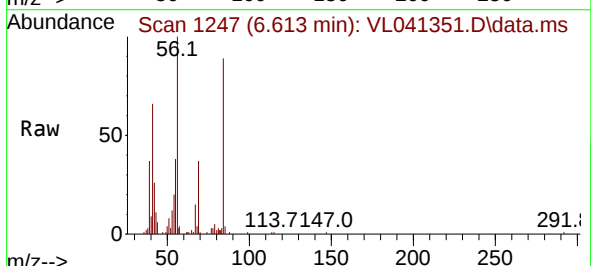
06/27/2024
Supervised By :Mahesh
Dadoda

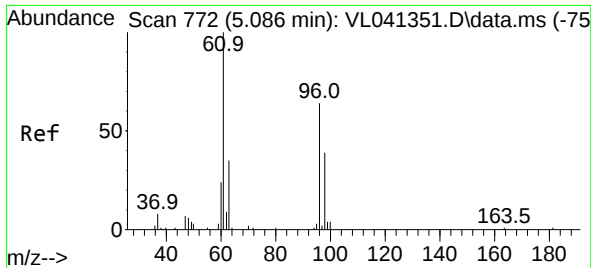
06/27/2024



#30
Cyclohexane
Concen: 0.500 ppbv
RT: 6.613 min Scan# 1247
Delta R.T. 0.000 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

Tgt Ion: 84 Resp: 44670
Ion Ratio Lower Upper
84 100
56 139.7 112.4 168.6
41 106.2 72.7 109.1





#31
 cis-1,2-Dichloroethene
 Concen: 0.524 ppbv
 RT: 5.086 min Scan# 772
 Delta R.T. -0.003 min
 Lab File: VL041351.D
 Acq: 26 Jun 2024 8:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

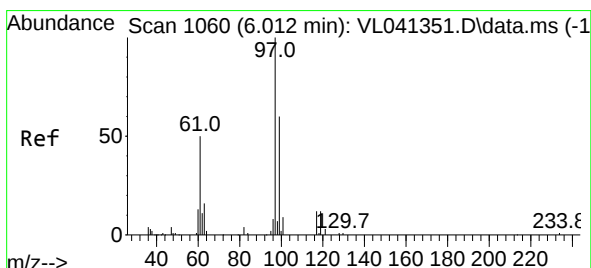
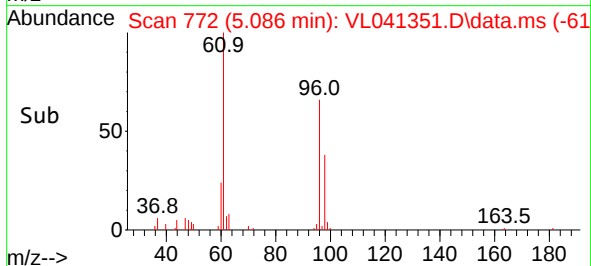
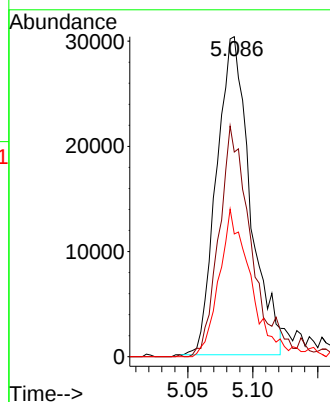
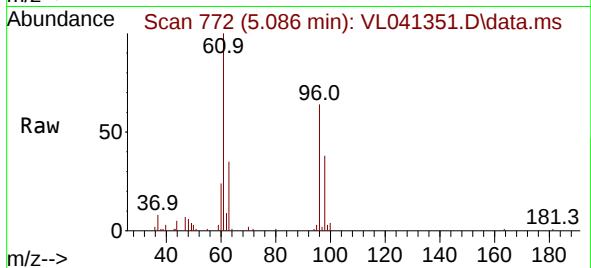
Tgt Ion: 61 Resp: 5454
 Ion Ratio Lower Upper
 61 100
 96 63.7 52.6 79.0
 98 38.6 32.3 48.5

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Reviewed By :Semsettin
 Yesilyurt

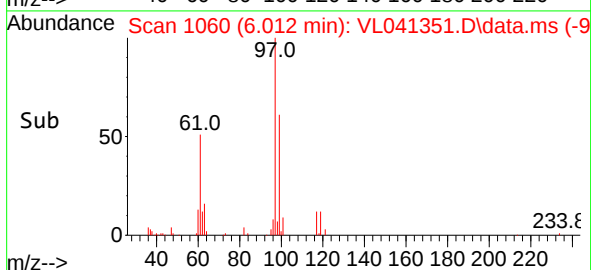
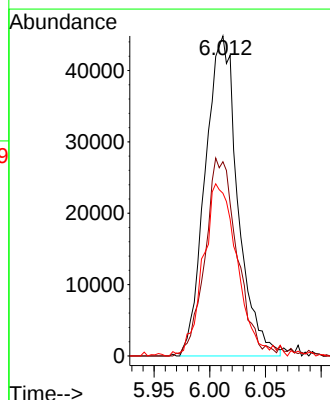
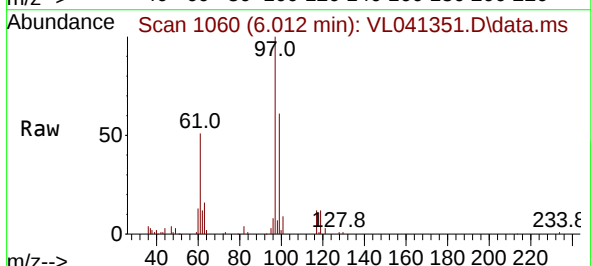
06/27/2024
 Supervised By :Mahesh
 Dadoda

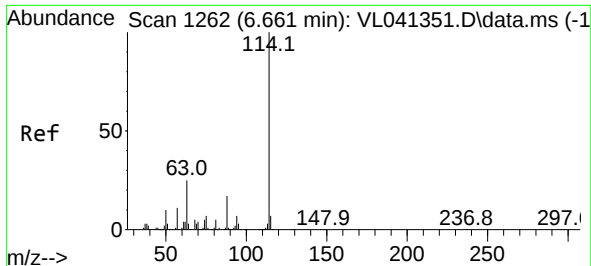
06/27/2024



#32
 1,1,1-Trichloroethane
 Concen: 0.570 ppbv
 RT: 6.012 min Scan# 1060
 Delta R.T. -0.003 min
 Lab File: VL041351.D
 Acq: 26 Jun 2024 8:12

Tgt Ion: 97 Resp: 91223
 Ion Ratio Lower Upper
 97 100
 99 62.5 52.0 78.0
 61 57.7 43.0 64.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.661 min Scan# 1262

Delta R.T. -0.006 min

Lab File: VL041351.D

Acq: 26 Jun 2024 8:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion:114 Resp: 290157

Ion Ratio Lower Upper

114 100

63 25.8 20.6 31.0

88 18.1 14.6 21.8

Manual Integrations

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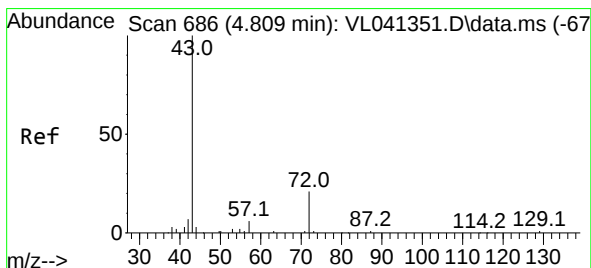
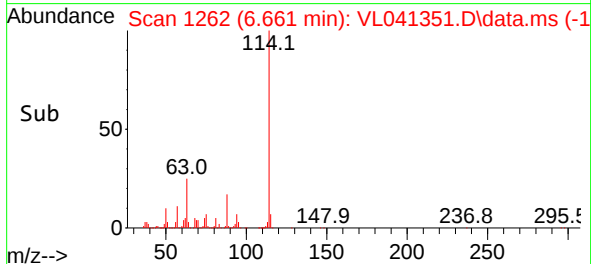
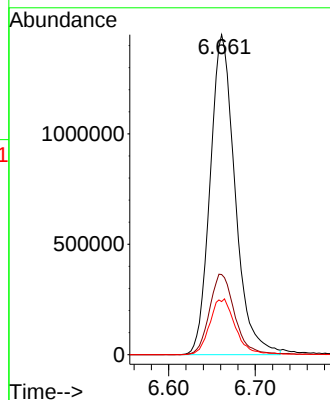
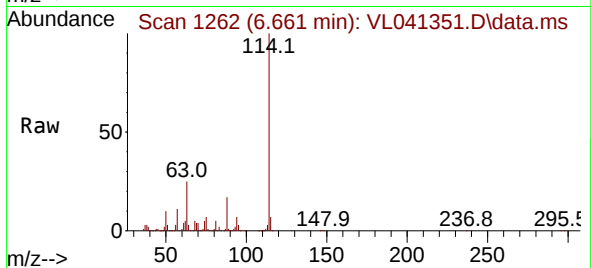
Reviewed By :Semsettin

Yesilyurt

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Dadoda

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#34

2-Butanone

Concen: 0.577 ppbv

RT: 4.809 min Scan# 686

Delta R.T. 0.013 min

Lab File: VL041351.D

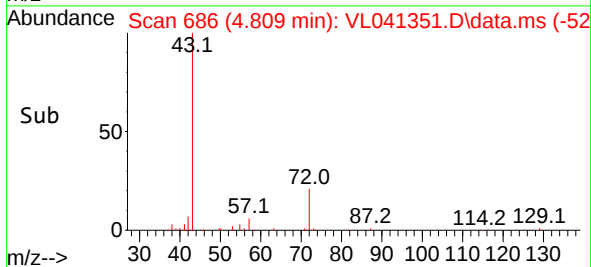
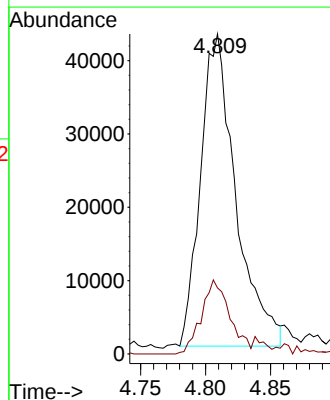
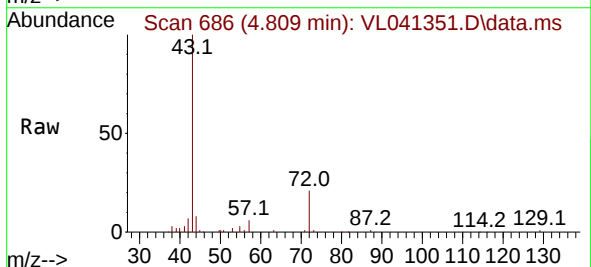
Acq: 26 Jun 2024 8:12

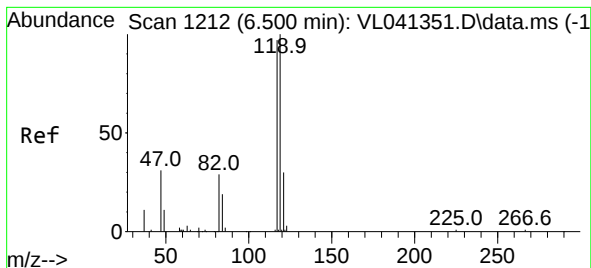
Tgt Ion: 43 Resp: 80221

Ion Ratio Lower Upper

43 100

72 20.9 17.2 25.8





#35

Carbon Tetrachloride

Concen: 0.555 ppbv

RT: 6.500 min Scan# 1174

Delta R.T. -0.006 min

Lab File: VL041351.D

Acq: 26 Jun 2024 8:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion:	117	Resp:	9149
Ion	Ratio	Lower	Upper
117	100		
119	102.6	77.2	115.8
121	31.1	25.2	37.8

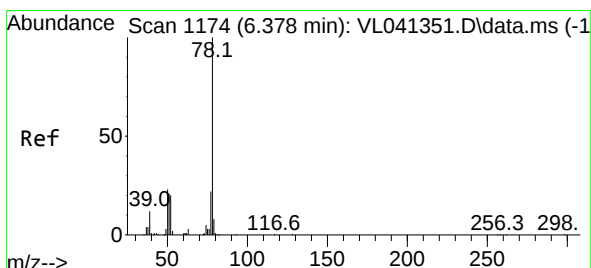
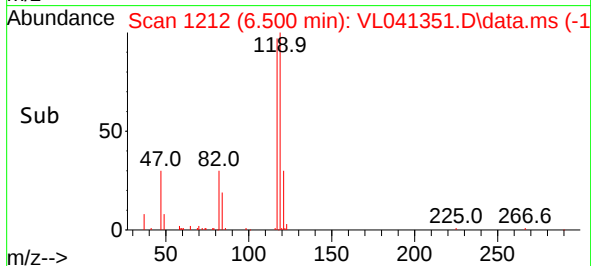
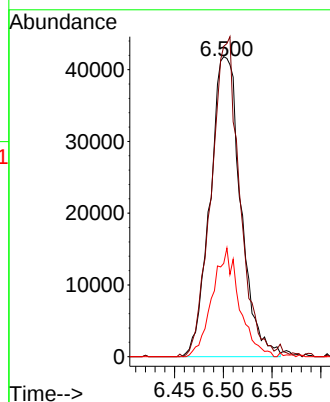
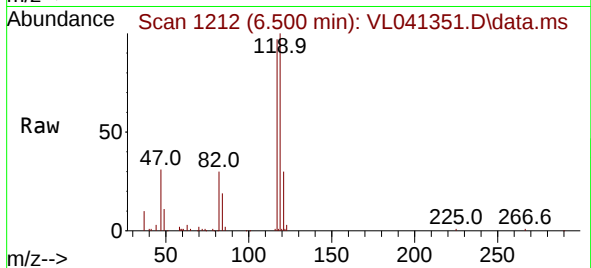
Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

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Supervised By :Mahesh
Dadoda

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#36

Benzene

Concen: 0.540 ppbv

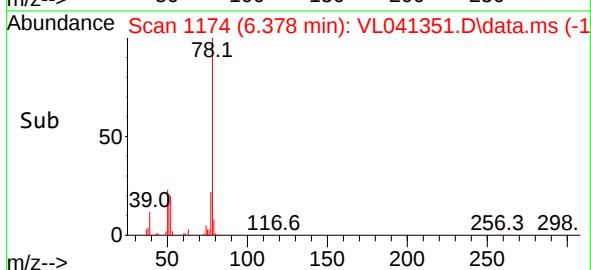
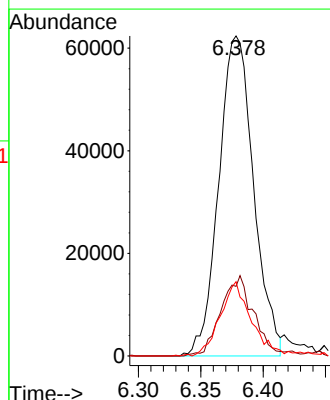
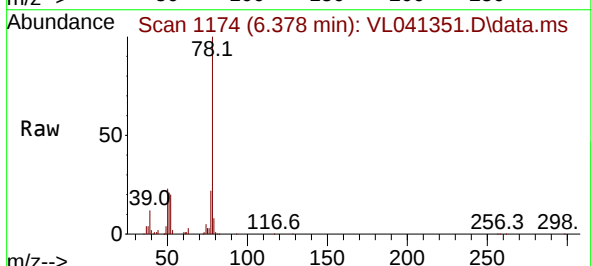
RT: 6.378 min Scan# 1174

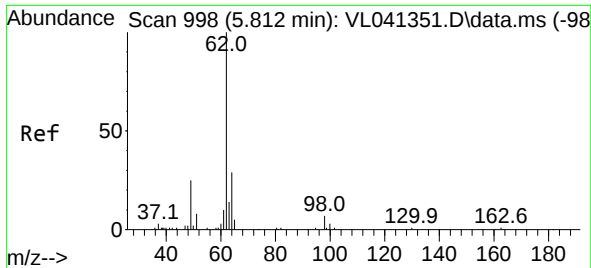
Delta R.T. -0.003 min

Lab File: VL041351.D

Acq: 26 Jun 2024 8:12

Tgt Ion:	78	Resp:	121390
Ion	Ratio	Lower	Upper
78	100		
77	21.7	17.9	26.9
50	23.2	15.5	23.3





#37
1,2-Dichloroethane
Concen: 0.524 ppbv
RT: 5.812 min Scan# 998
Delta R.T. -0.006 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

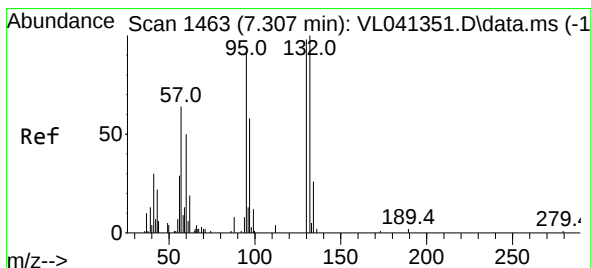
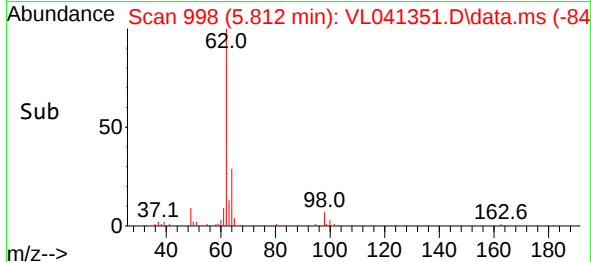
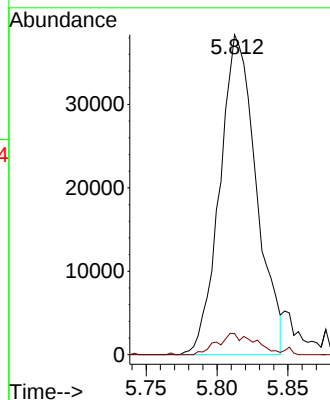
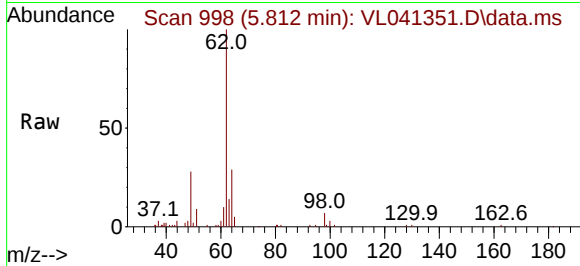
Tgt Ion: 62 Resp: 6865
Ion Ratio Lower Upper
62 100
98 7.4 4.8 7.2

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

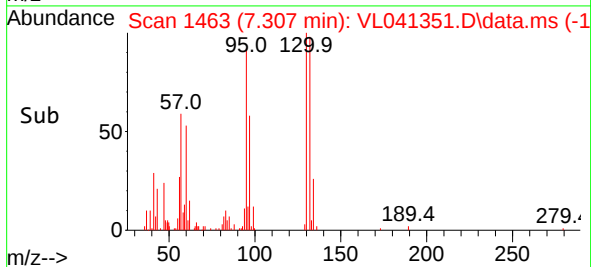
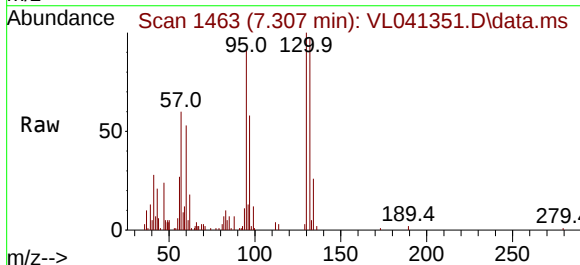
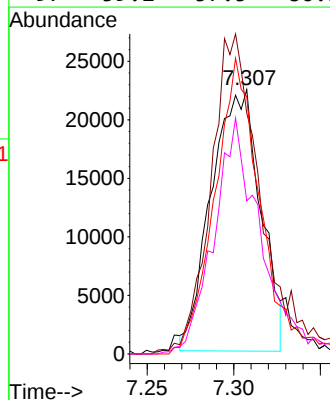
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Supervised By :Mahesh
Dadoda

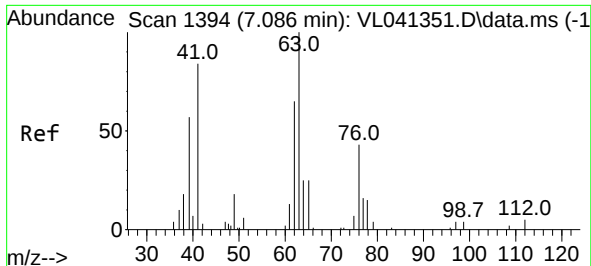
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#38
Trichloroethene
Concen: 0.484 ppbv
RT: 7.307 min Scan# 1463
Delta R.T. 0.000 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

Tgt Ion:130 Resp: 44086
Ion Ratio Lower Upper
130 100
95 94.1 90.0 135.0
132 101.9 74.8 112.2
97 59.2 57.5 86.3





#39

1,2-Dichloropropane

Concen: 0.523 ppbv

RT: 7.086 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041351.D

Acq: 26 Jun 2024 8:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 63 Resp: 4684

Ion	Ratio	Lower	Upper
63	100		
41	83.7	64.0	96.0
62	62.6	55.2	82.8

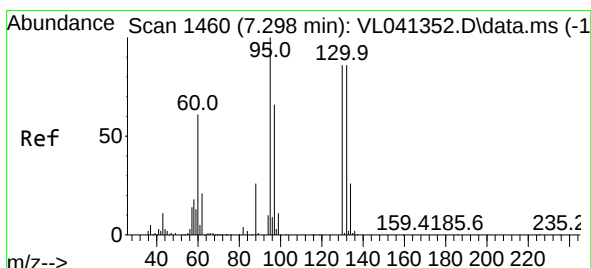
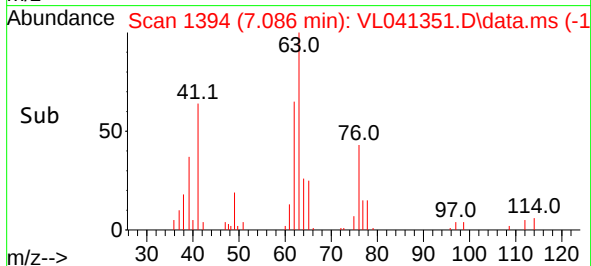
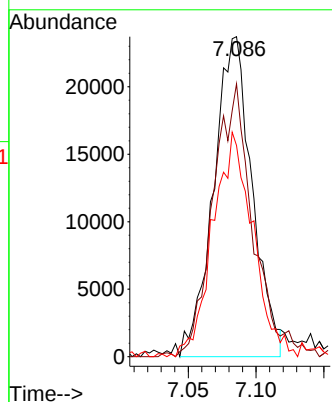
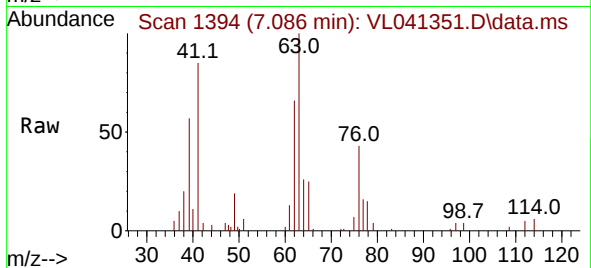
Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

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Dadoda

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#40

1,4-Dioxane

Concen: 0.541 ppbv m

RT: 7.324 min Scan# 1468

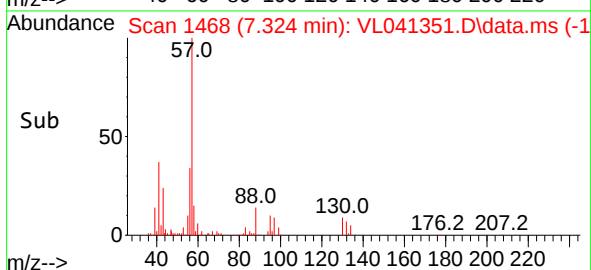
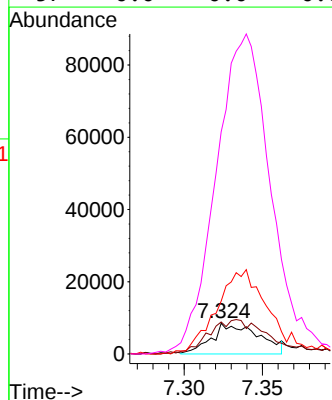
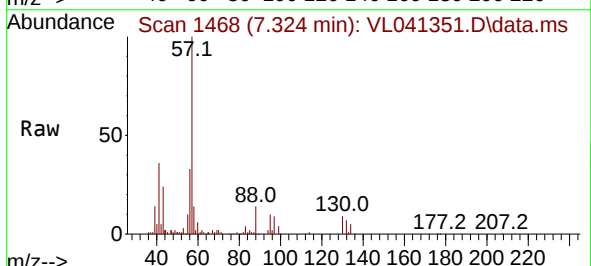
Delta R.T. 0.026 min

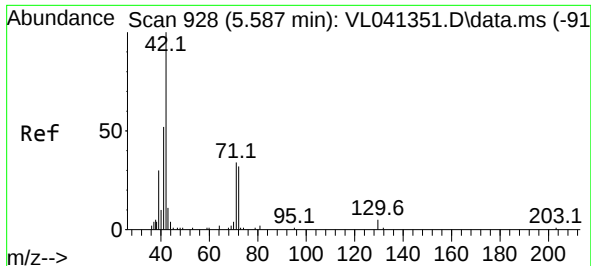
Lab File: VL041351.D

Acq: 26 Jun 2024 8:12

Tgt Ion: 88 Resp: 17753

Ion	Ratio	Lower	Upper
88	100		
58	0.0	47.9	71.9#
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 0.563 ppbv m

RT: 5.587 min Scan# 91

Delta R.T. 0.023 min

Lab File: VL041351.D

Acq: 26 Jun 2024 8:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion:	42	Resp:	50910
Ion Ratio	Lower	Upper	
42	100		
72	34.6	30.3	45.5
71	36.6	29.7	44.5

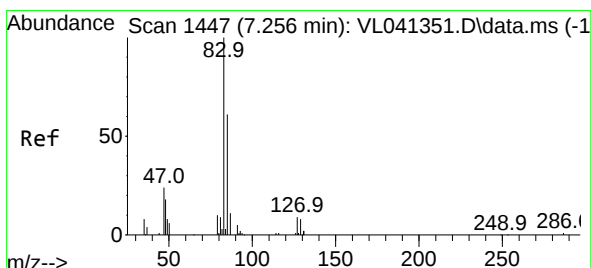
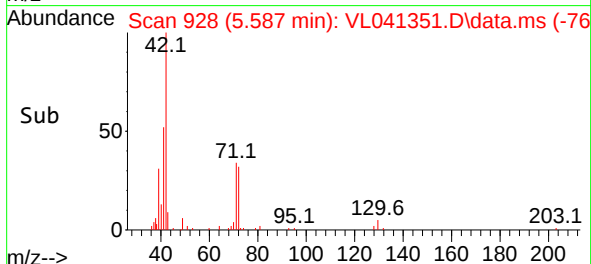
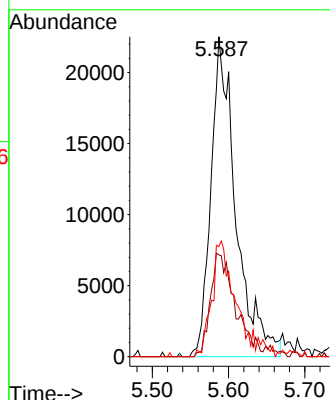
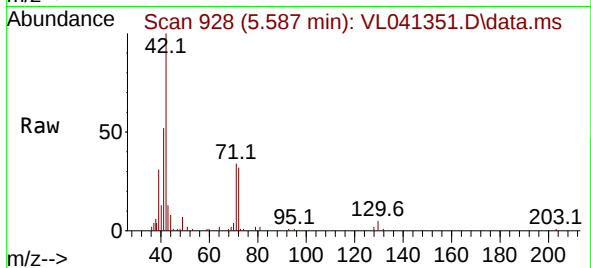
Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

06/27/2024

Supervised By :Mahesh
Dadoda

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#42

Bromodichloromethane

Concen: 0.549 ppbv

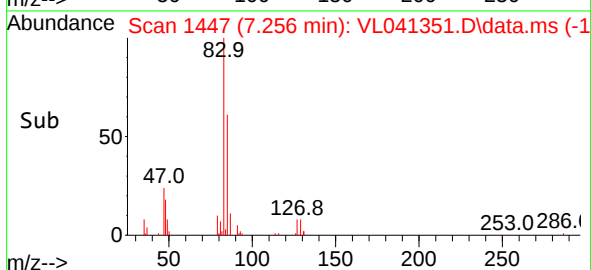
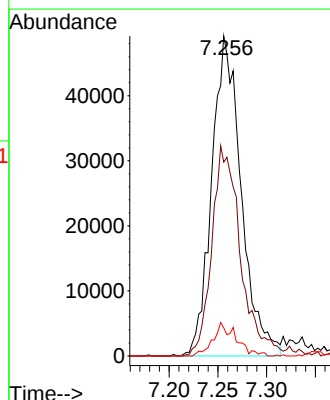
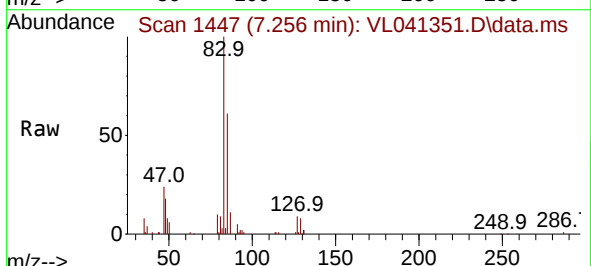
RT: 7.256 min Scan# 1447

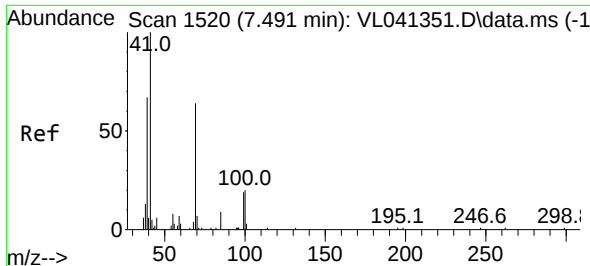
Delta R.T. -0.010 min

Lab File: VL041351.D

Acq: 26 Jun 2024 8:12

Tgt Ion:	83	Resp:	103453
Ion Ratio	Lower	Upper	
83	100		
85	60.5	52.0	78.0
127	8.8	6.0	9.0





#43
Methyl Methacrylate
Concen: 0.511 ppbv
RT: 7.491 min Scan# 1520
Delta R.T. 0.003 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

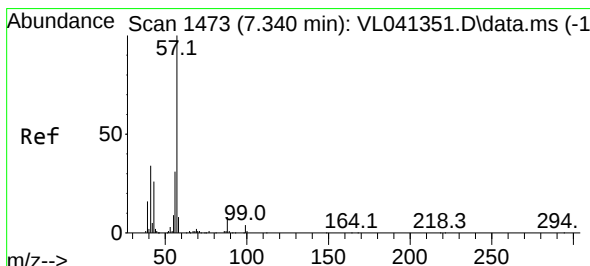
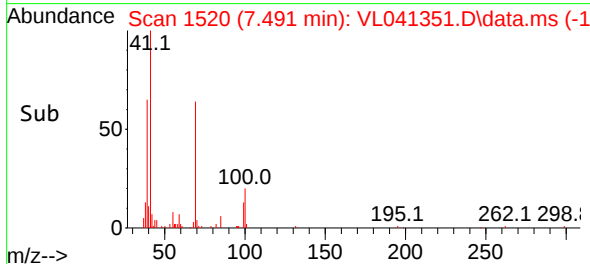
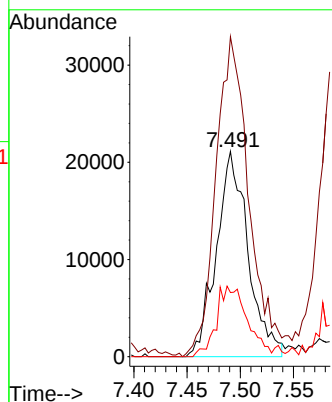
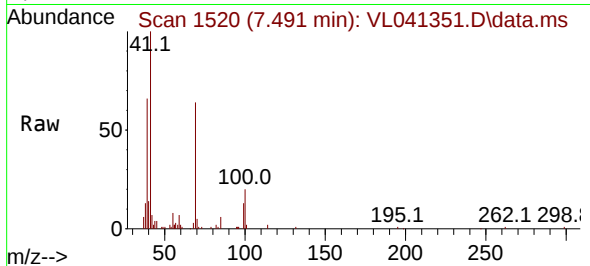
Tgt Ion: 69 Resp: 4375
Ion Ratio Lower Upper
69 100
41 162.9 125.0 187.6
100 34.7 26.8 40.2

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

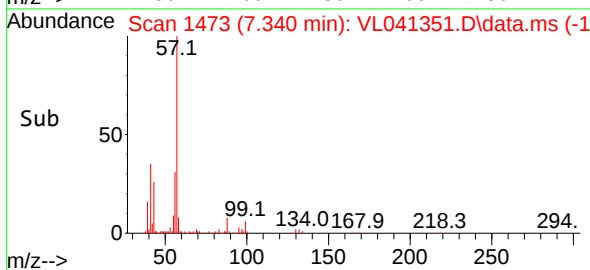
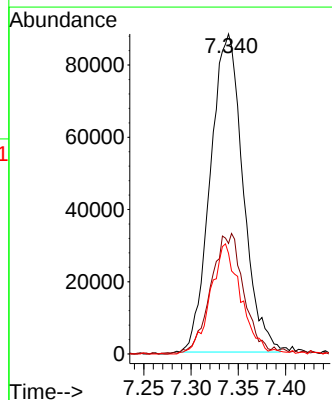
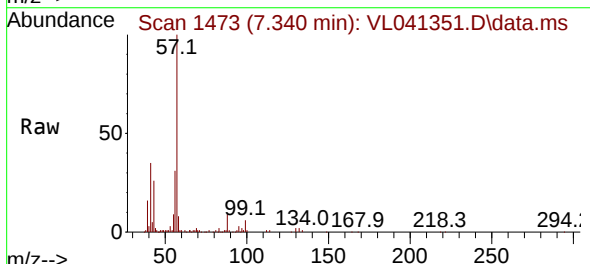
06/27/2024
Supervised By :Mahesh
Dadoda

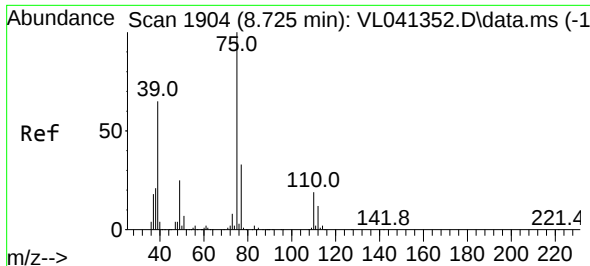
06/27/2024



#44
2,2,4-Trimethylpentane
Concen: 0.547 ppbv
RT: 7.340 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

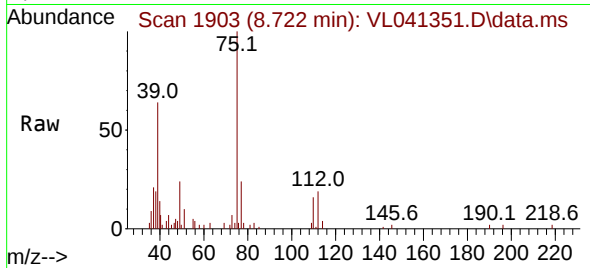
Tgt Ion: 57 Resp: 211725
Ion Ratio Lower Upper
57 100
41 39.3 29.6 44.4
56 32.8 25.7 38.5





#45
 t-1,3-Dichloropropene
 Concen: 0.451 ppbv m
 RT: 8.722 min Scan# 1904
 Delta R.T. -0.003 min
 Lab File: VL041351.D
 Acq: 26 Jun 2024 8:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



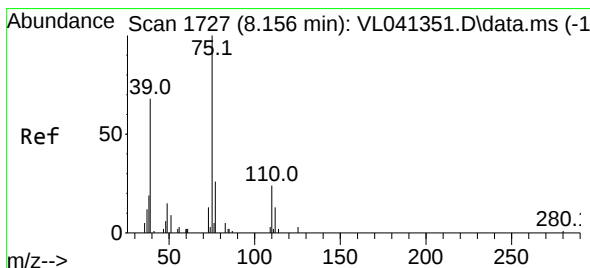
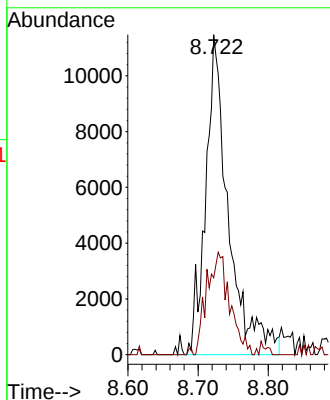
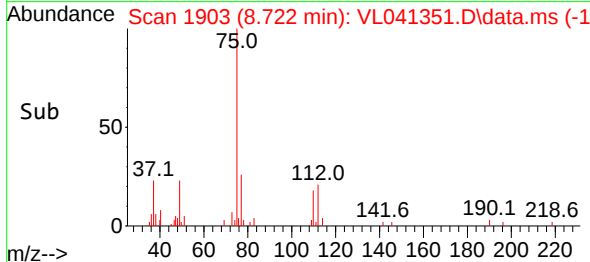
Tgt Ion: 75 Resp: 2609
 Ion Ratio Lower Upper
 75 100
 77 24.0 26.2 39.2

Manual Integrations
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Reviewed By :Semsettin
 Yesilyurt

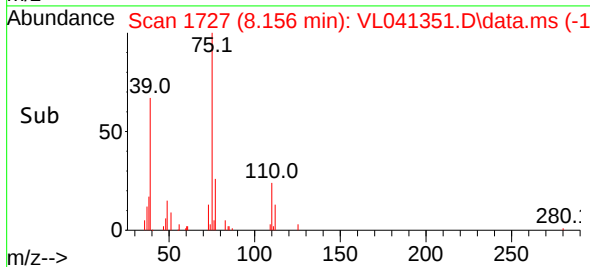
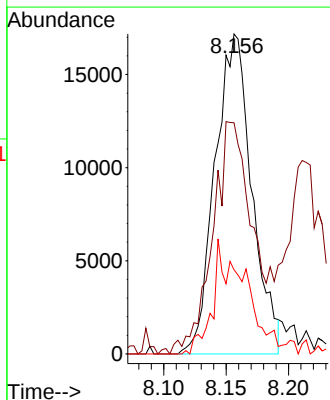
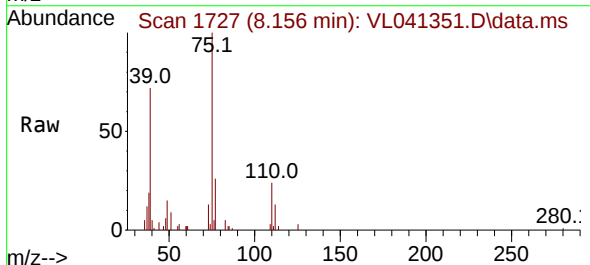
06/27/2024
 Supervised By :Mahesh
 Dadoda

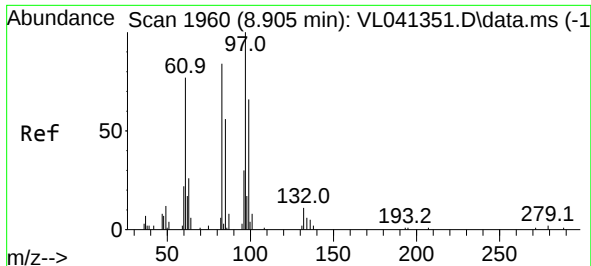
06/27/2024



#46
 cis-1,3-Dichloropropene
 Concen: 0.474 ppbv
 RT: 8.156 min Scan# 1727
 Delta R.T. -0.003 min
 Lab File: VL041351.D
 Acq: 26 Jun 2024 8:12

Tgt Ion: 75 Resp: 35312
 Ion Ratio Lower Upper
 75 100
 39 68.0 56.6 85.0
 77 26.3 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 0.566 ppbv m

RT: 8.905 min Scan# 1960

Delta R.T. -0.006 min

Lab File: VL041351.D

Acq: 26 Jun 2024 8:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 97 Resp: 5295

Ion Ratio Lower Upper

97 100

83 84.8 72.4 108.6

85 55.3 42.6 64.0

99 67.4 49.4 74.2

Manual Integrations

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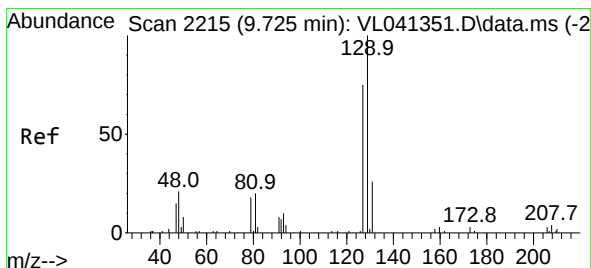
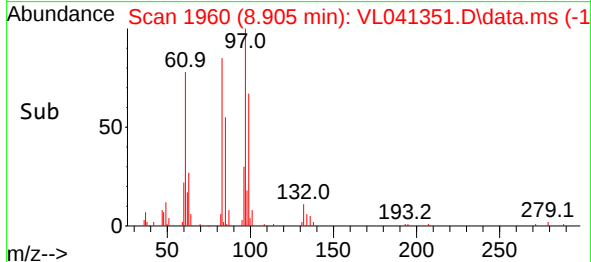
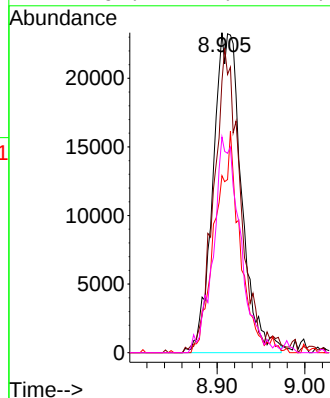
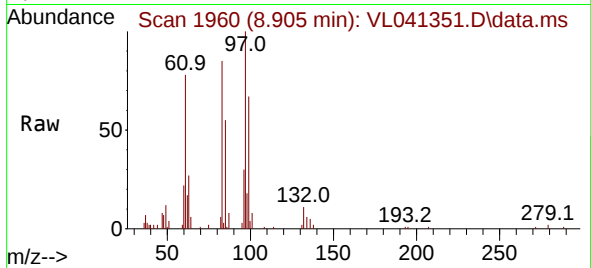
Reviewed By :Semsettin

Yesilyurt

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Supervised By :Mahesh
Dadoda

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#48

Dibromochloromethane

Concen: 0.490 ppbv

RT: 9.725 min Scan# 2215

Delta R.T. -0.003 min

Lab File: VL041351.D

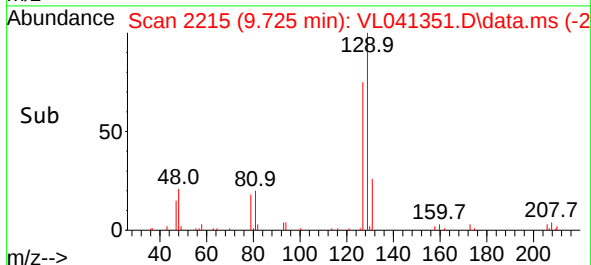
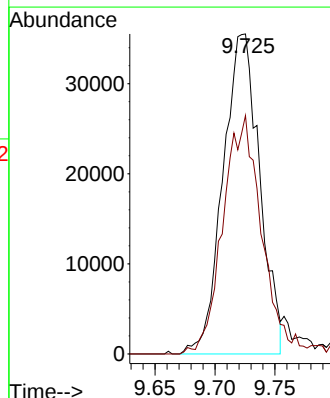
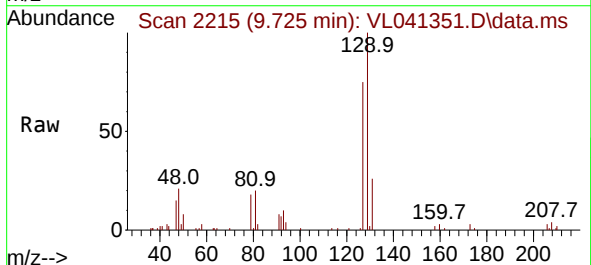
Acq: 26 Jun 2024 8:12

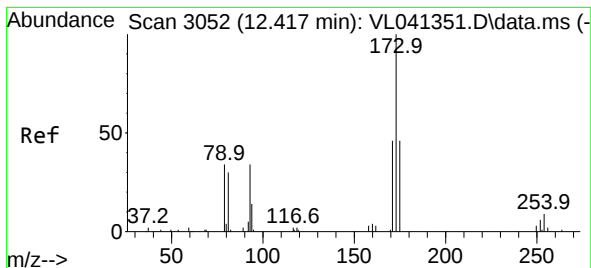
Tgt Ion:129 Resp: 75523

Ion Ratio Lower Upper

129 100

127 80.1 39.9 119.7





#49

Bromoform

Concen: 0.494 ppbv m

RT: 12.417 min Scan# 3052

Delta R.T. -0.006 min

Lab File: VL041351.D

Acq: 26 Jun 2024 8:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:	173	Resp:	6145
Ion Ratio	Lower	Upper	
173	100		
175	49.3	40.3	60.5
171	50.0	43.8	65.8

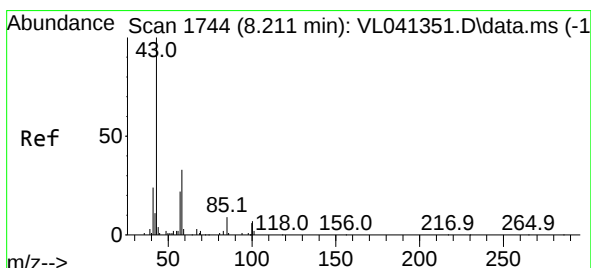
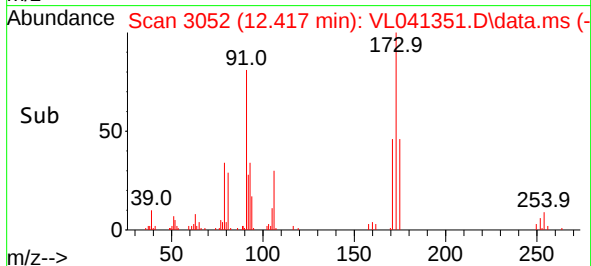
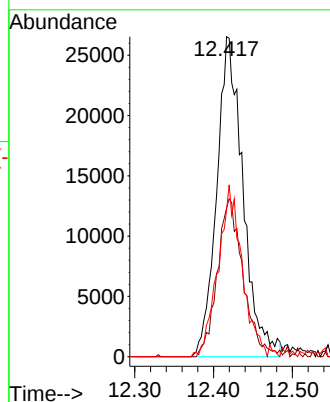
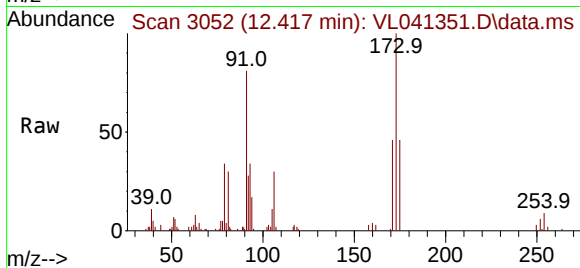
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

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Supervised By :Mahesh
Dadoda

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#50

4-Methyl-2-Pentanone

Concen: 0.560 ppbv m

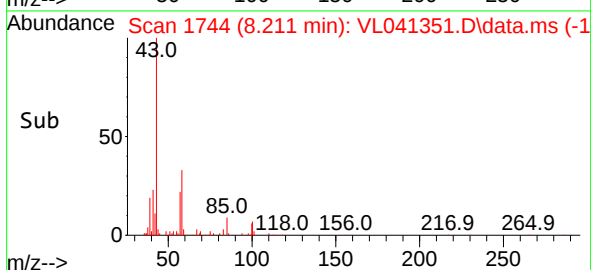
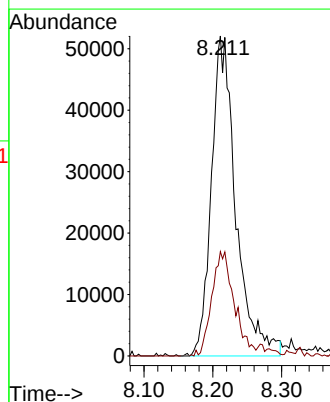
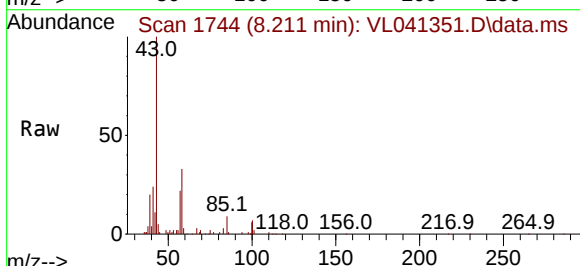
RT: 8.211 min Scan# 1744

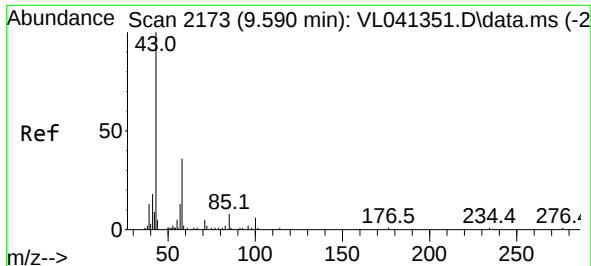
Delta R.T. 0.016 min

Lab File: VL041351.D

Acq: 26 Jun 2024 8:12

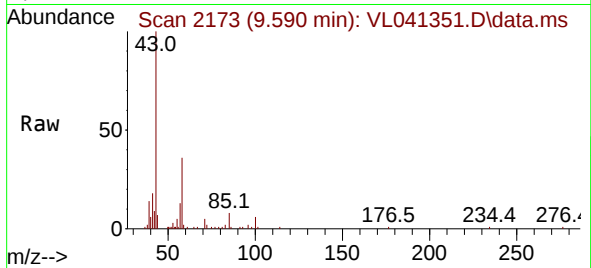
Tgt Ion:	43	Resp:	128836
Ion Ratio	Lower	Upper	
43	100		
58	31.7	27.8	41.8





#51
2-Hexanone
Concen: 0.483 ppbv
RT: 9.590 min Scan# 2173
Delta R.T. 0.023 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



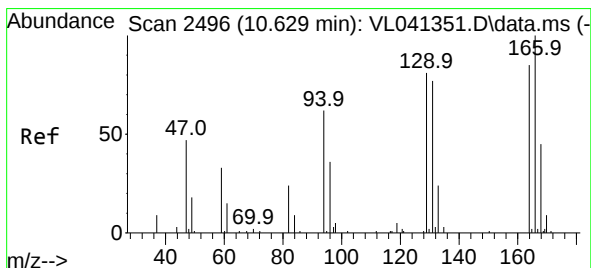
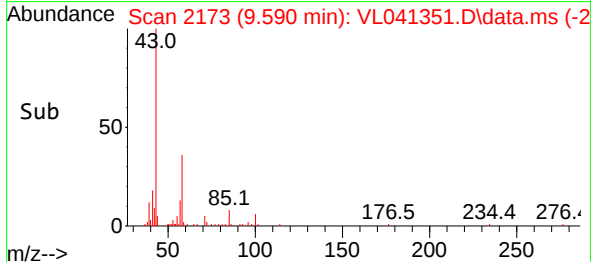
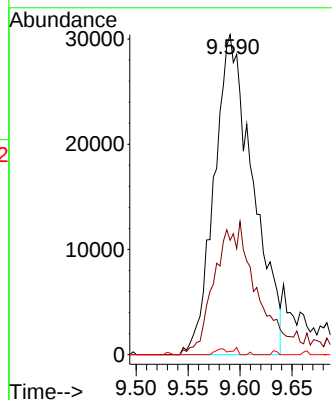
Tgt Ion: 43 Resp: 7896
Ion Ratio Lower Upper
43 100
58 46.4 38.0 57.0
98 0.9 0.2 0.2

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Reviewed By :Semsettin
Yesilyurt

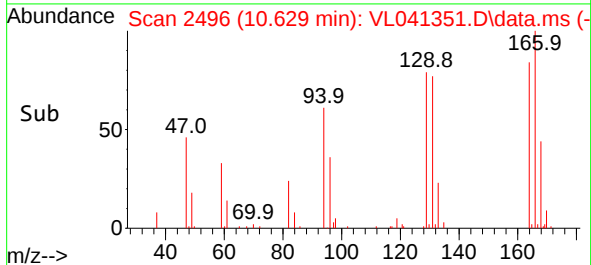
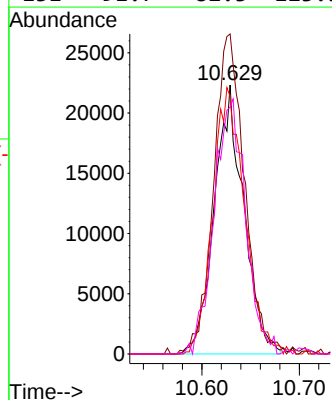
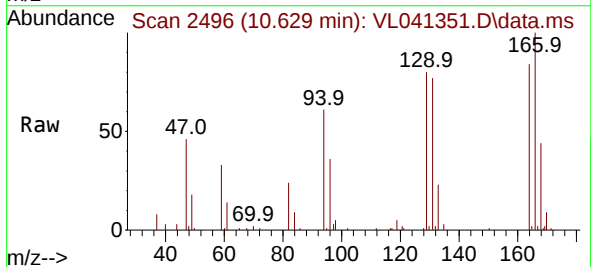
06/27/2024
Supervised By :Mahesh
Dadoda

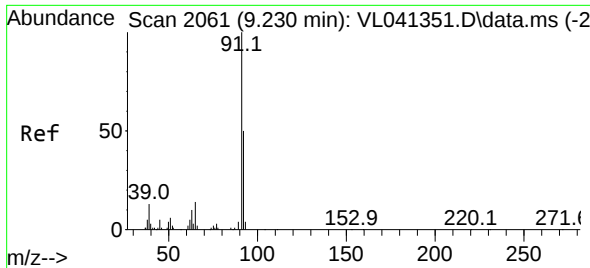
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#52
Tetrachloroethene
Concen: 0.571 ppbv
RT: 10.629 min Scan# 2496
Delta R.T. -0.003 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

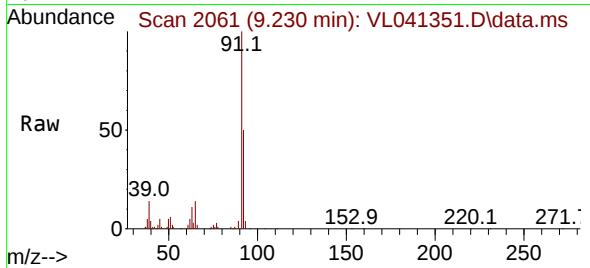
Tgt Ion:164 Resp: 46796
Ion Ratio Lower Upper
164 100
166 117.6 99.8 149.8
129 95.7 83.8 125.6
131 91.7 82.3 123.5





#53
Toluene
Concen: 0.515 ppbv
RT: 9.230 min Scan# 2061
Delta R.T. -0.006 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



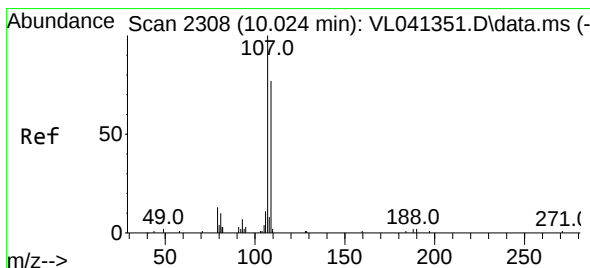
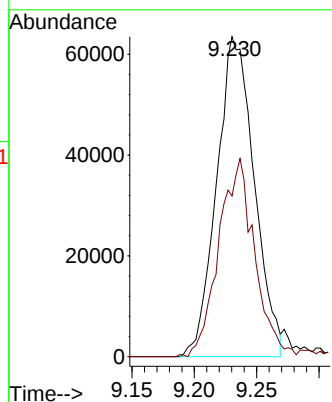
Tgt Ion: 91 Resp: 133162
Ion Ratio Lower Upper
91 100
92 60.6 48.5 72.7

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Reviewed By :Semsettin
Yesilyurt

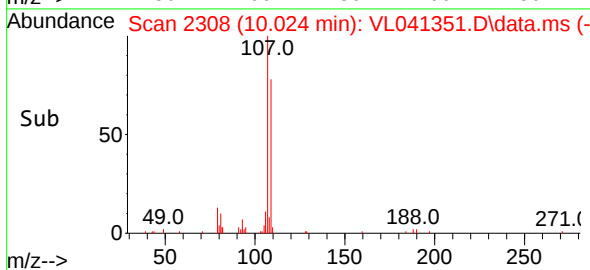
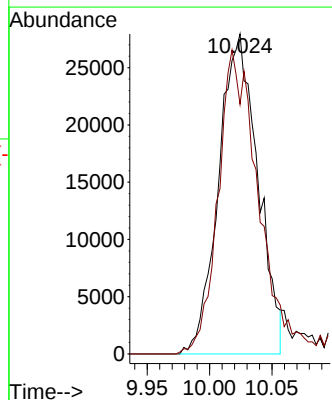
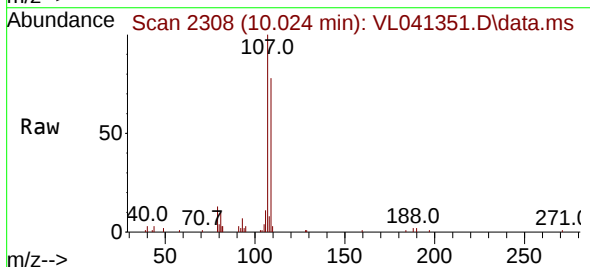
06/27/2024
Supervised By :Mahesh
Dadoda

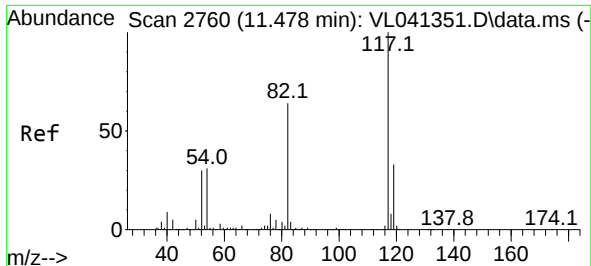
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#54
1,2-Dibromoethane
Concen: 0.499 ppbv
RT: 10.024 min Scan# 2308
Delta R.T. -0.003 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

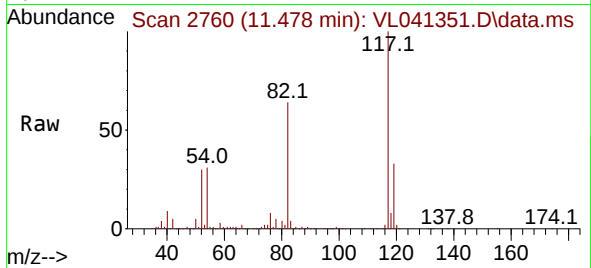
Tgt Ion:107 Resp: 60885
Ion Ratio Lower Upper
107 100
109 77.4 75.8 113.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 2760
Delta R.T. -0.006 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



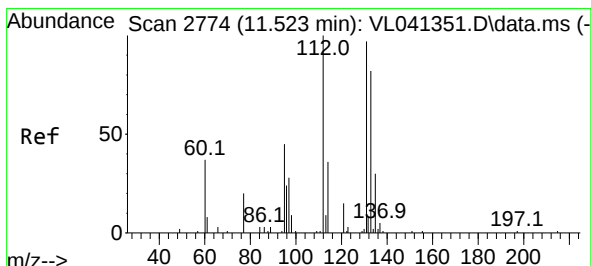
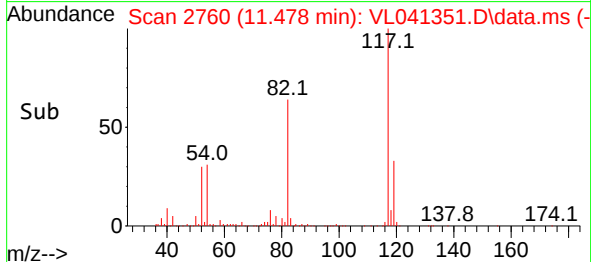
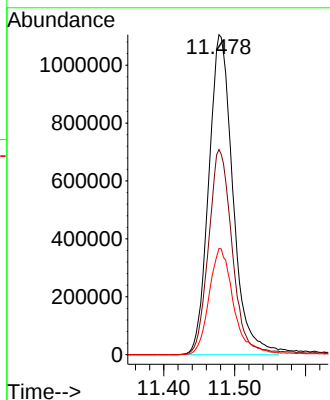
Tgt Ion:117 Resp: 261930
Ion Ratio Lower Upper
117 100
82 64.6 50.6 75.8
119 34.5 24.7 37.1

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

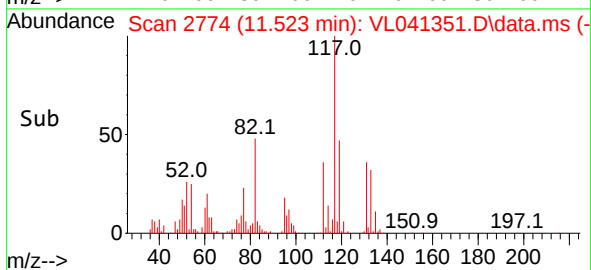
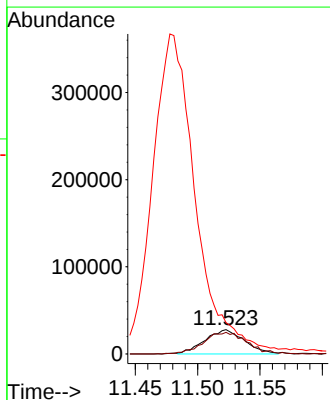
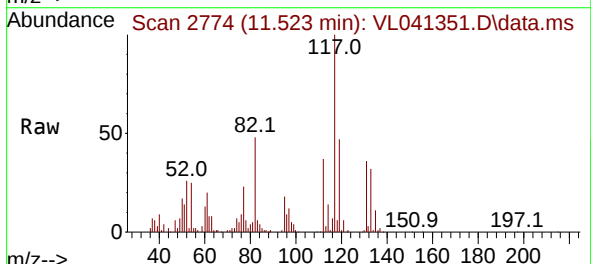
06/27/2024
Supervised By :Mahesh
Dadoda

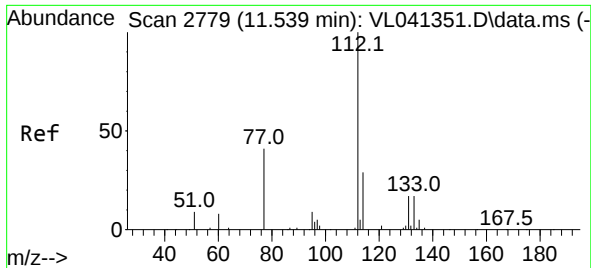
06/27/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 0.555 ppbv
RT: 11.523 min Scan# 2774
Delta R.T. -0.003 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

Tgt Ion:131 Resp: 61446
Ion Ratio Lower Upper
131 100
133 97.7 76.8 115.2
119 1470.1 49.4 74.0#





#57
Chlorobenzene
Concen: 0.611 ppbv
RT: 11.539 min Scan# 2779
Delta R.T. -0.006 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

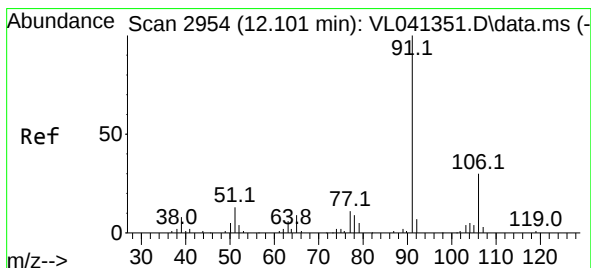
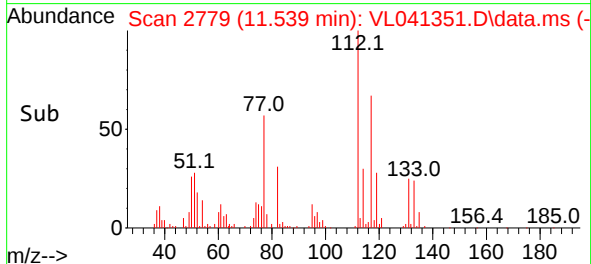
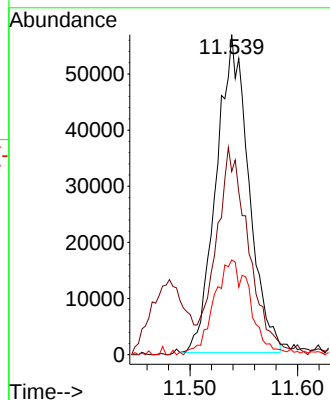
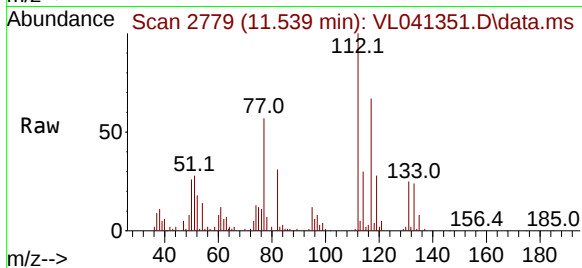
Tgt Ion:112 Resp: 11885
Ion Ratio Lower Upper
112 100
77 54.0 53.2 79.8
114 29.0 30.1 36.7

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Reviewed By :Semsettin
Yesilyurt

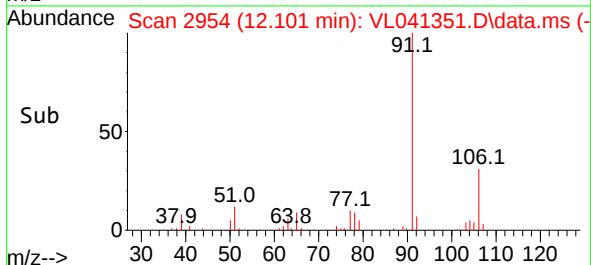
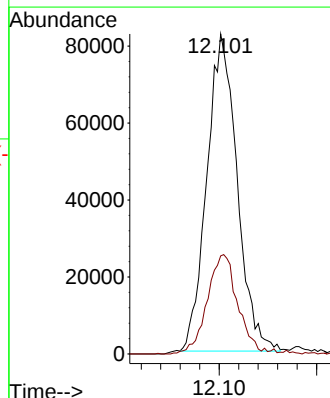
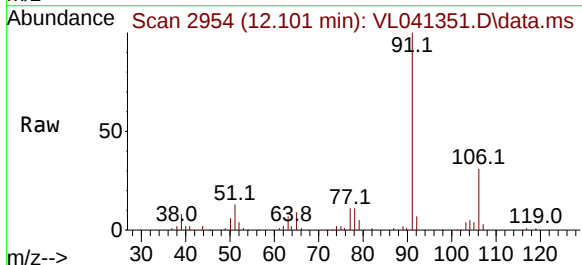
06/27/2024
Supervised By :Mahesh
Dadoda

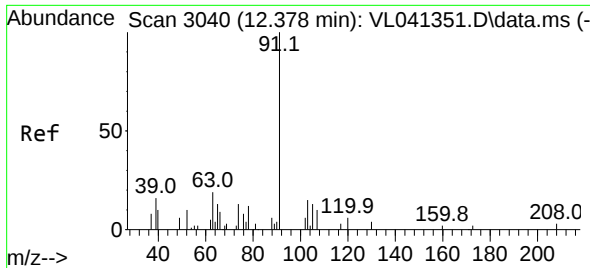
06/27/2024



#58
Ethyl Benzene
Concen: 0.530 ppbv
RT: 12.101 min Scan# 2954
Delta R.T. -0.003 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

Tgt Ion: 91 Resp: 177986
Ion Ratio Lower Upper
91 100
106 30.4 25.4 38.0





#59
m/p-Xylene
Concen: 1.132 ppbv m
RT: 12.378 min Scan# 3040
Delta R.T. -0.006 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

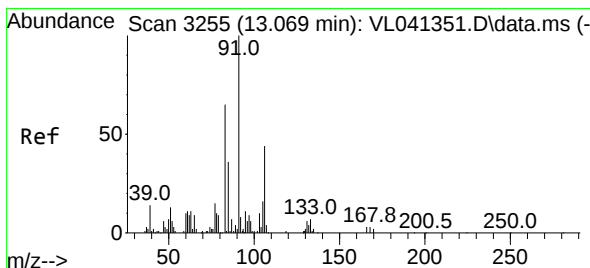
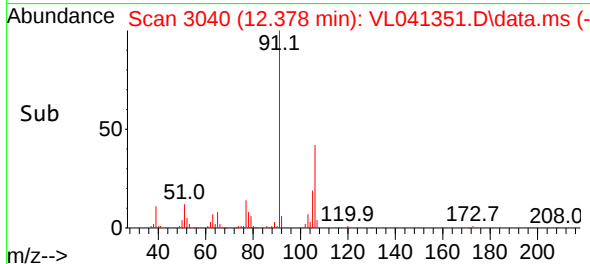
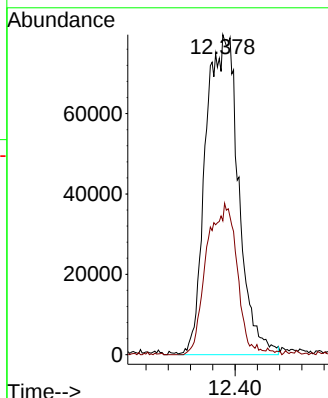
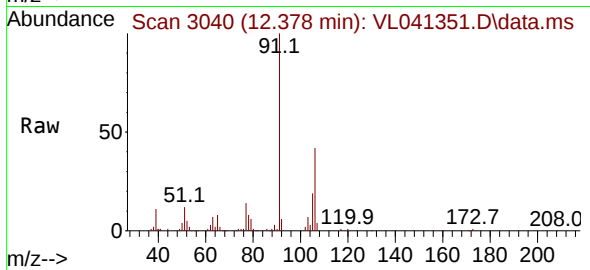
Tgt Ion: 91 Resp: 32574
Ion Ratio Lower Upper
91 100
106 44.0 35.6 53.4

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

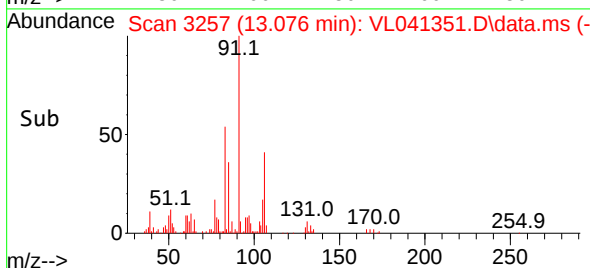
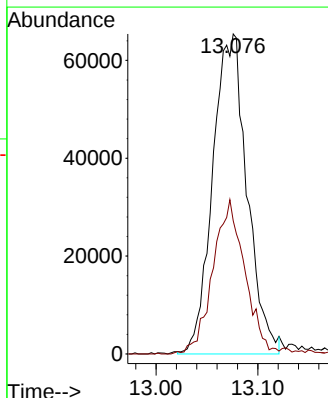
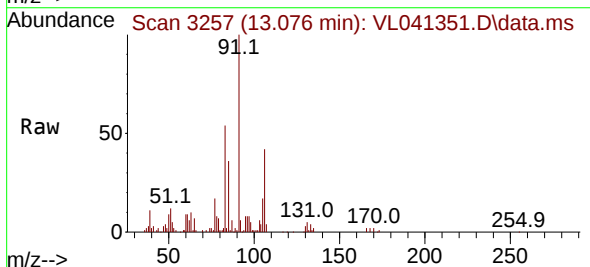
06/27/2024
Supervised By :Mahesh
Dadoda

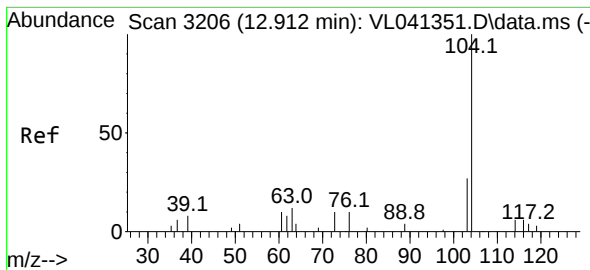
06/27/2024



#60
o-Xylene
Concen: 0.558 ppbv m
RT: 13.076 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

Tgt Ion: 91 Resp: 153148
Ion Ratio Lower Upper
91 100
106 0.0 23.3 69.8#





#61
Styrene
Concen: 0.487 ppbv m
RT: 12.912 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

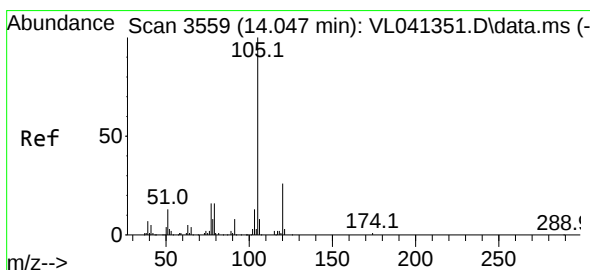
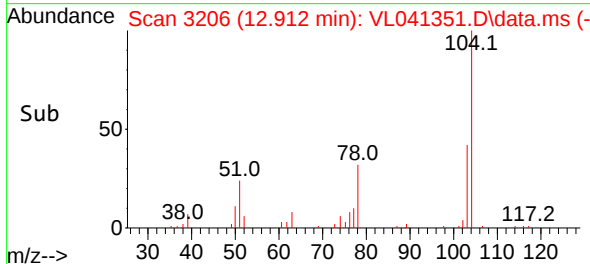
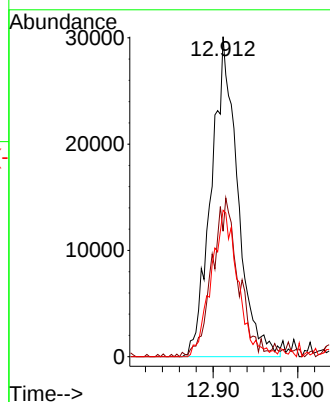
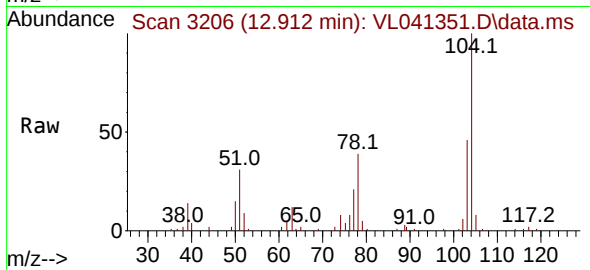
Tgt Ion:104 Resp: 6547
Ion Ratio Lower Upper
104 100
78 0.0 40.6 61.0
103 0.0 37.4 56.0

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

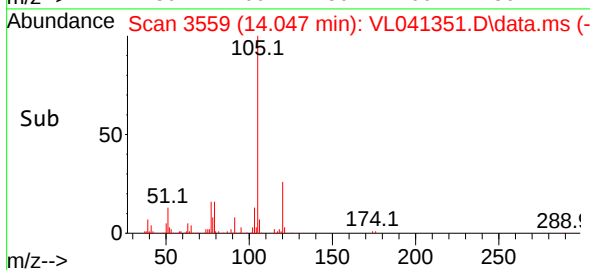
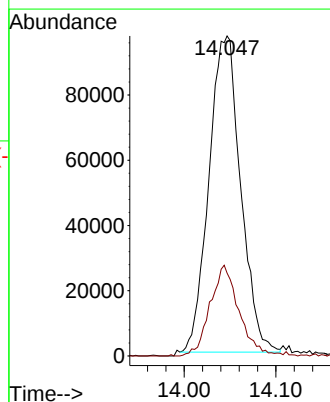
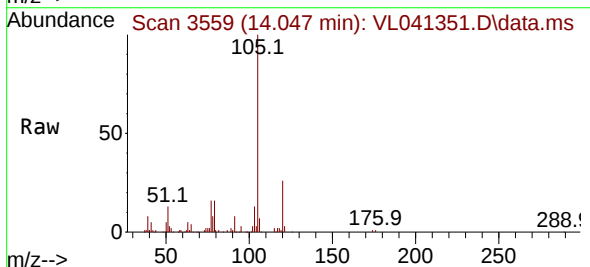
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Supervised By :Mahesh
Dadoda

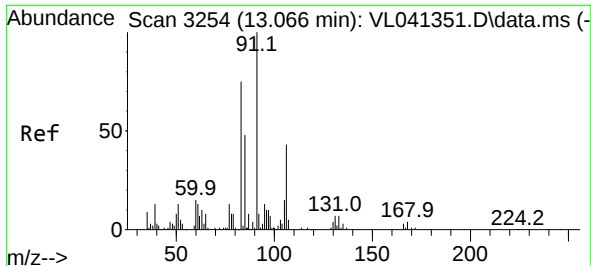
06/27/2024



#62
Isopropylbenzene
Concen: 0.562 ppbv
RT: 14.047 min Scan# 3559
Delta R.T. 0.003 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

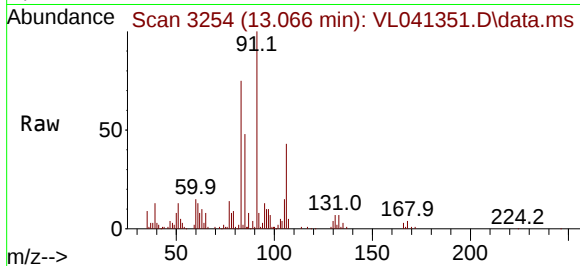
Tgt Ion:105 Resp: 233118
Ion Ratio Lower Upper
105 100
120 26.3 20.9 31.3





#63
1,1,2,2-Tetrachloroethane
Concen: 0.582 ppbv
RT: 13.066 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



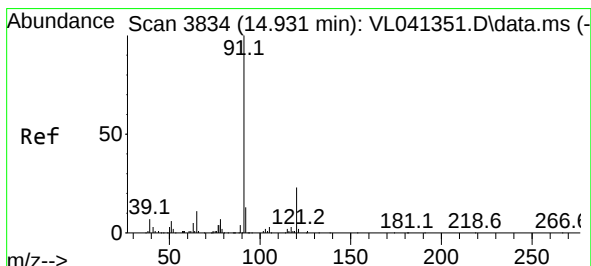
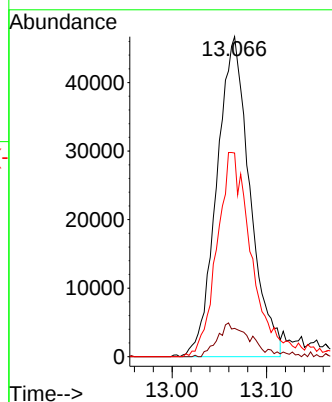
Tgt Ion: 83 Resp: 113594
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.4
85 70.1 33.0 98.9

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Reviewed By :Semsettin
Yesilyurt

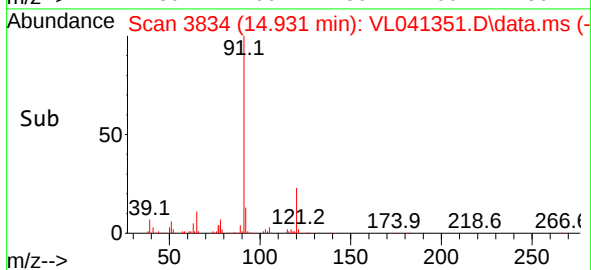
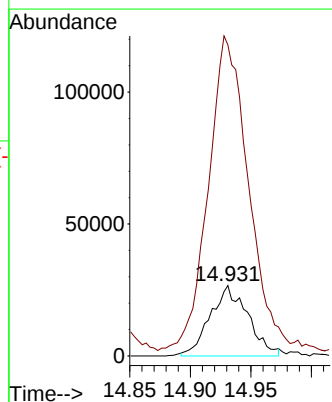
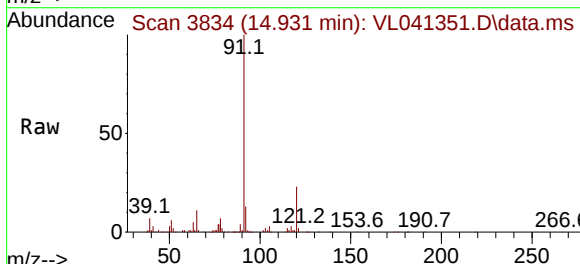
06/27/2024
Supervised By :Mahesh
Dadoda

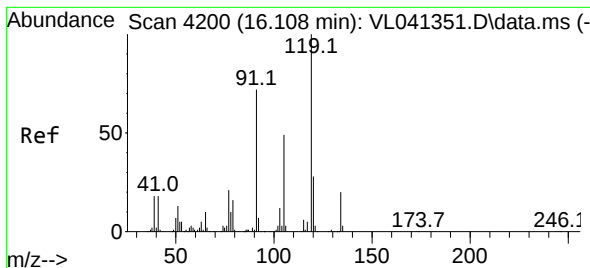
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#64
n-propylbenzene
Concen: 0.537 ppbv m
RT: 14.931 min Scan# 3834
Delta R.T. -0.003 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

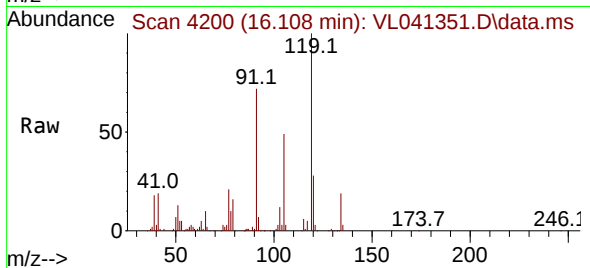
Tgt Ion:120 Resp: 57438
Ion Ratio Lower Upper
120 100
91 515.5 378.4 567.6





#65
tert-Butylbenzene
Concen: 0.565 ppbv
RT: 16.108 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



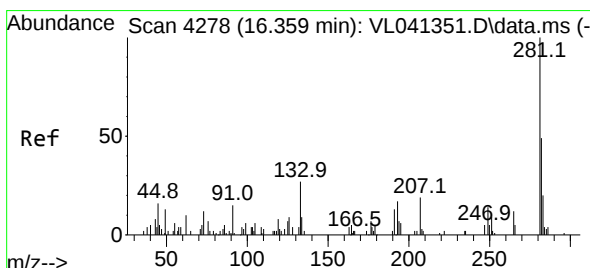
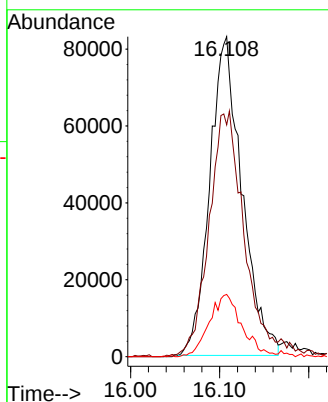
Tgt Ion:119 Resp: 20848
Ion Ratio Lower Upper
119 100
91 85.6 65.8 98.6
134 20.4 15.7 23.5

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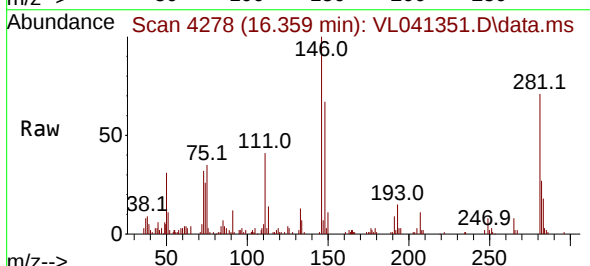
Reviewed By :Semsettin
Yesilyurt

06/27/2024
Supervised By :Mahesh
Dadoda

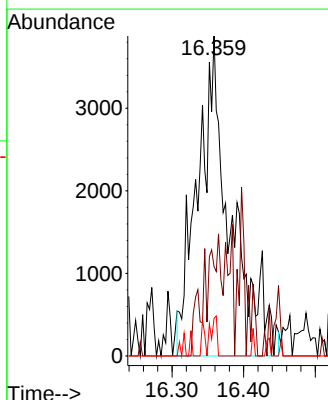
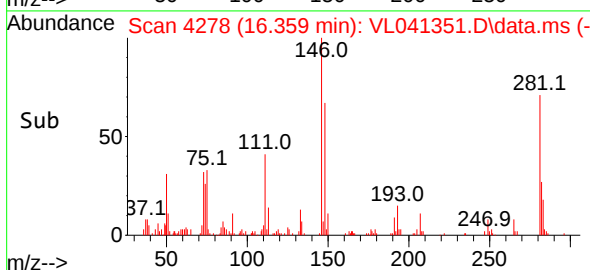
06/27/2024

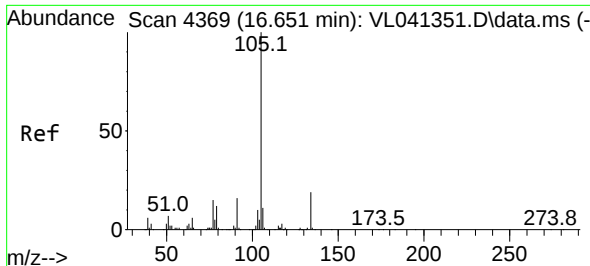


#66
Benzyl Chloride
Concen: 0.509 ppbv m
RT: 16.359 min Scan# 4278
Delta R.T. 0.016 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12



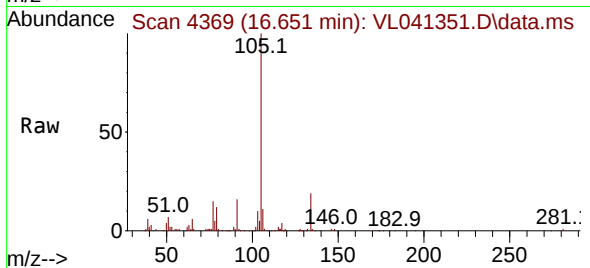
Tgt Ion: 91 Resp: 12360
Ion Ratio Lower Upper
91 100
126 34.8 15.4 23.0#
128 3.5 5.0 7.4#





#67
 sec-Butylbenzene
 Concen: 0.580 ppbv
 RT: 16.651 min Scan# 4369
 Delta R.T. -0.003 min
 Lab File: VL041351.D
 Acq: 26 Jun 2024 8:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



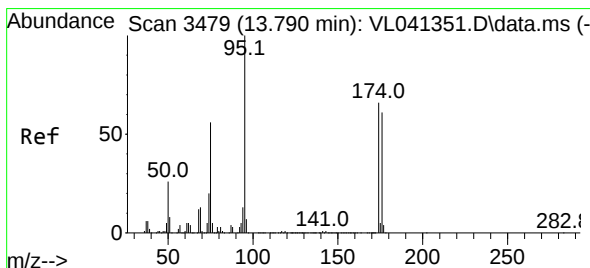
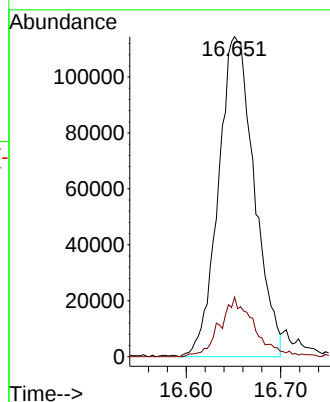
Tgt Ion:105 Resp: 302075
 Ion Ratio Lower Upper
 105 100
 134 18.0 14.2 21.2

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Reviewed By :Semsettin
 Yesilyurt

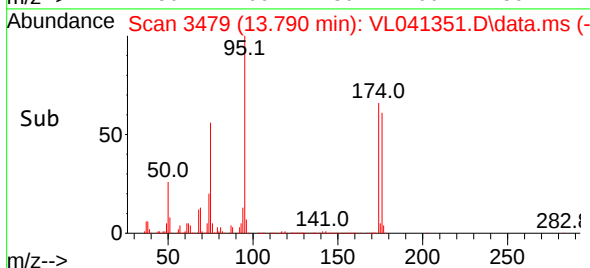
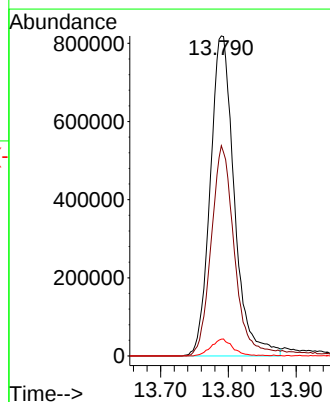
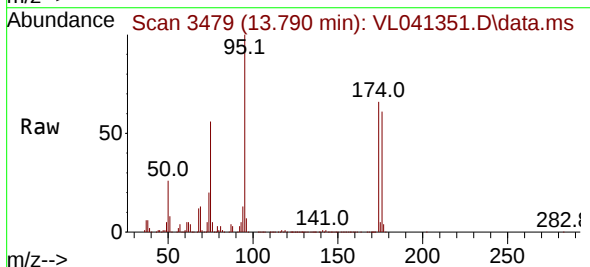
06/27/2024
 Supervised By :Mahesh
 Dadoda

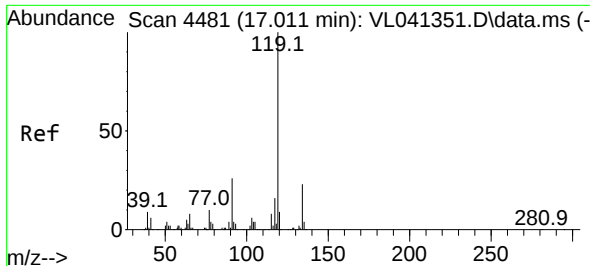
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#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.999 ppbv
 RT: 13.790 min Scan# 3479
 Delta R.T. -0.003 min
 Lab File: VL041351.D
 Acq: 26 Jun 2024 8:12

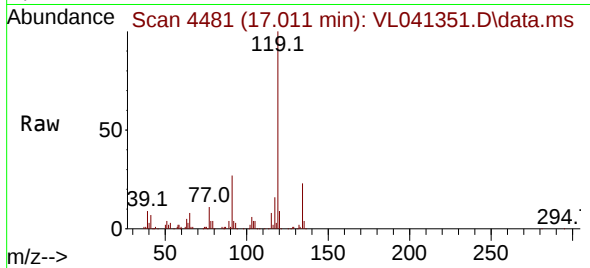
Tgt Ion: 95 Resp: 2022181
 Ion Ratio Lower Upper
 95 100
 174 65.8 53.1 79.7
 175 4.9 4.0 6.0





#69
p-Isopropyltoluene
Concen: 0.546 ppbv
RT: 17.011 min Scan# 4481
Delta R.T. -0.003 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



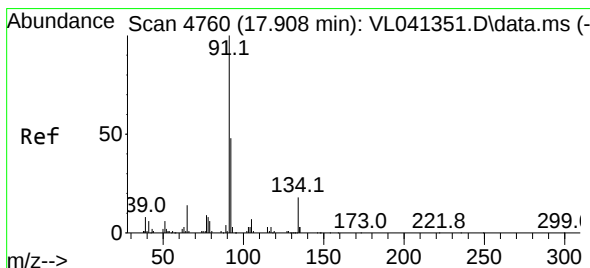
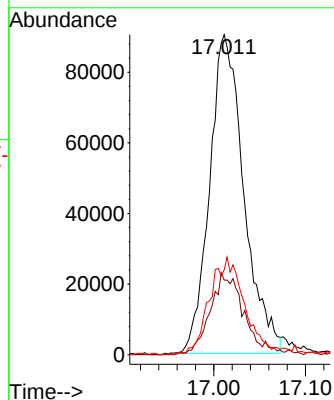
Tgt Ion: 119 Resp: 234358
Ion Ratio Lower Upper
119 100
134 25.8 20.0 30.0
91 32.3 23.7 35.5

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Reviewed By :Semsettin
Yesilyurt

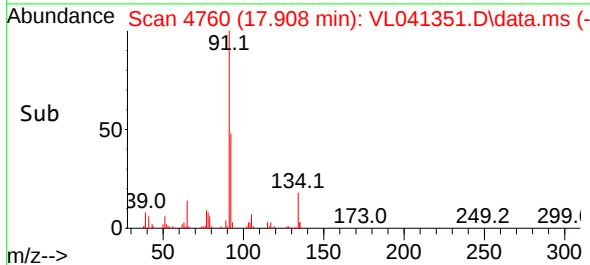
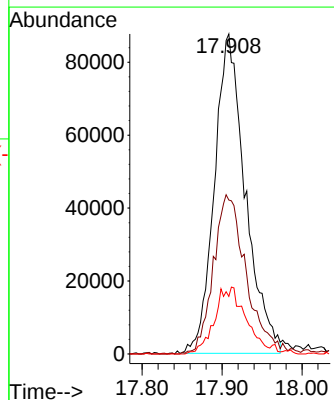
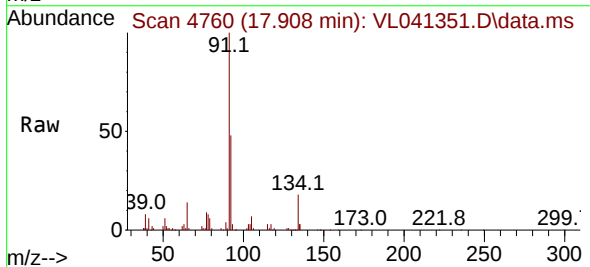
06/27/2024
Supervised By :Mahesh
Dadoda

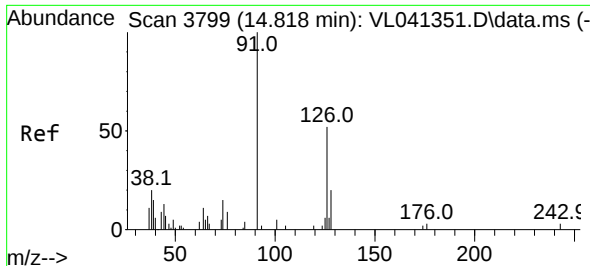
06/27/2024



#70
n-Butylbenzene
Concen: 0.528 ppbv
RT: 17.908 min Scan# 4760
Delta R.T. 0.006 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

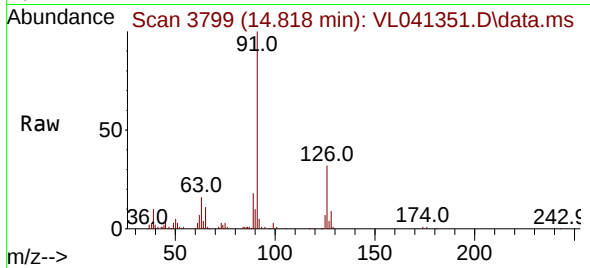
Tgt Ion: 91 Resp: 235285
Ion Ratio Lower Upper
91 100
92 53.9 43.0 64.6
134 22.1 18.0 27.0





#71
2-Chlorotoluene
Concen: 0.567 ppbv m
RT: 14.818 min Scan# 3799
Delta R.T. 0.000 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



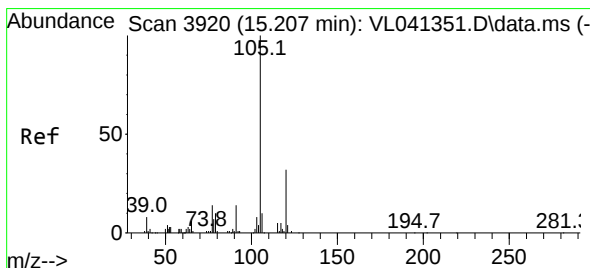
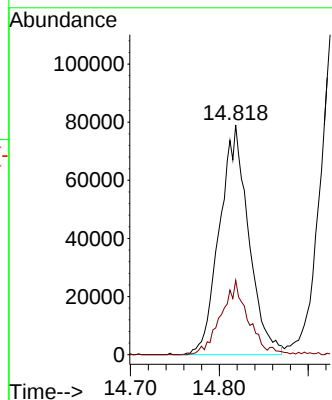
Tgt Ion: 91 Resp: 179980
Ion Ratio Lower Upper
91 100
126 0.0 12.9 51.75

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Yesilyurt

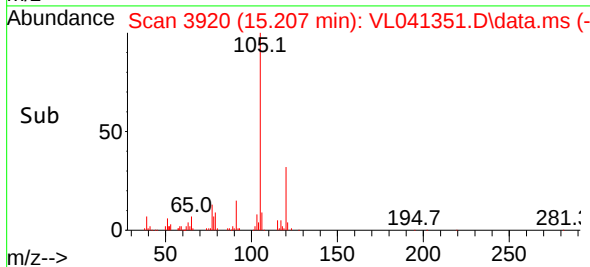
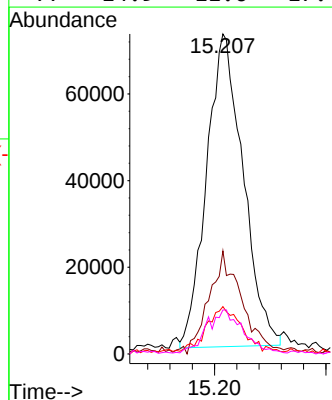
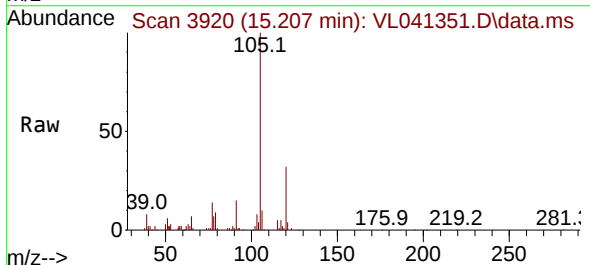
06/27/2024
Supervised By :Mahesh
Dadoda

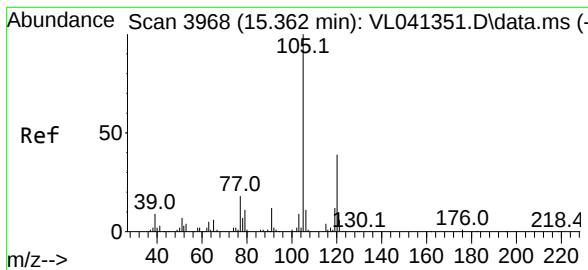
06/27/2024



#72
4-Ethyltoluene
Concen: 0.514 ppbv
RT: 15.207 min Scan# 3920
Delta R.T. -0.003 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

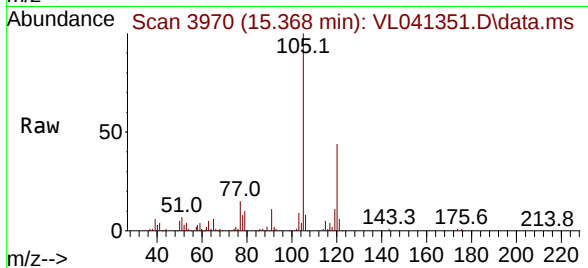
Tgt Ion:105 Resp: 164179
Ion Ratio Lower Upper
105 100
120 31.2 24.2 36.4
91 16.2 10.2 15.2#
77 14.9 11.6 17.4





#73
1,3,5-Trimethylbenzene
Concen: 0.563 ppbv m
RT: 15.368 min Scan# 3968
Delta R.T. 0.000 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



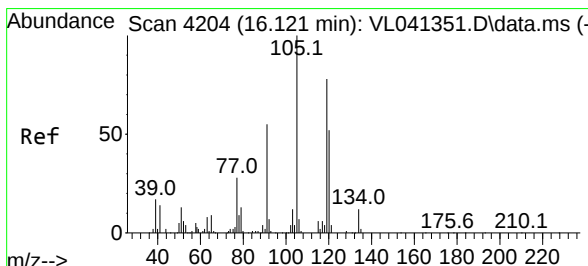
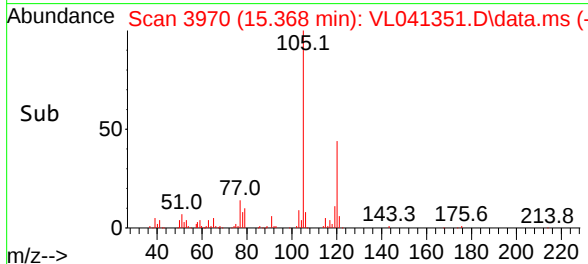
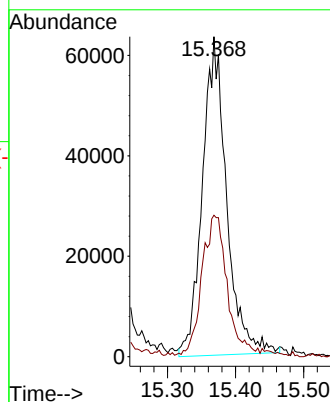
Tgt Ion:105 Resp: 15614
Ion Ratio Lower Upper
105 100
120 44.2 37.3 55.9

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Yesilyurt

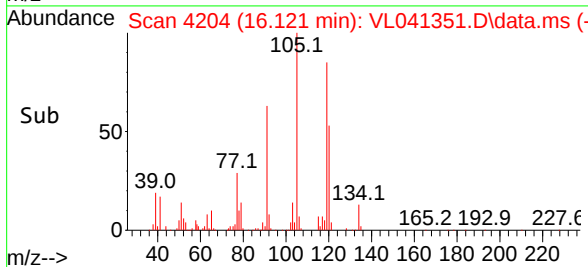
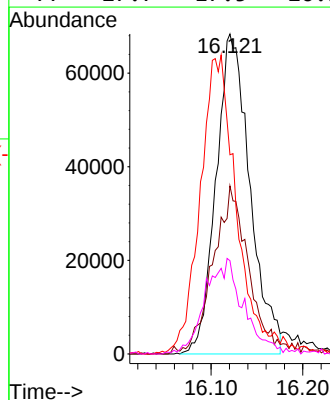
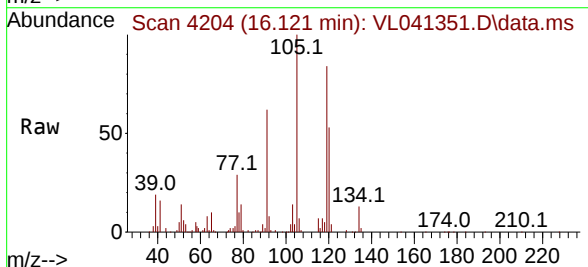
06/27/2024
Supervised By :Mahesh
Dadoda

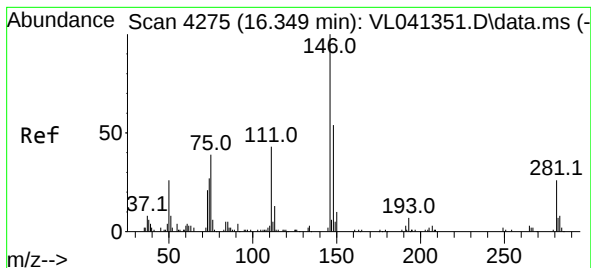
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#74
1,2,4-Trimethylbenzene
Concen: 0.559 ppbv
RT: 16.121 min Scan# 4204
Delta R.T. -0.006 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

Tgt Ion:105 Resp: 175262
Ion Ratio Lower Upper
105 100
120 51.6 37.8 56.8
91 59.0 38.0 57.0#
77 27.7 17.5 26.3#





#75

1,3-Dichlorobenzene

Concen: 0.530 ppbv

RT: 16.349 min Scan# 4275

Delta R.T. 0.000 min

Lab File: VL041351.D

Acq: 26 Jun 2024 8:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion:146	Resp:	97550
Ion Ratio	Lower	Upper
146	100	
111	55.2	23.5 70.5
148	69.7	32.3 96.9

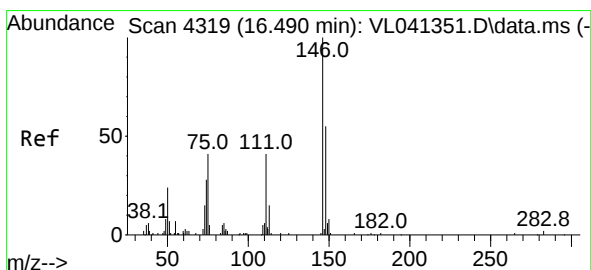
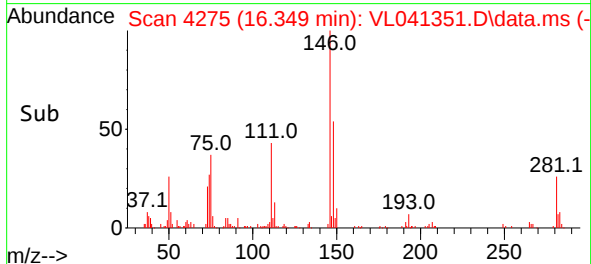
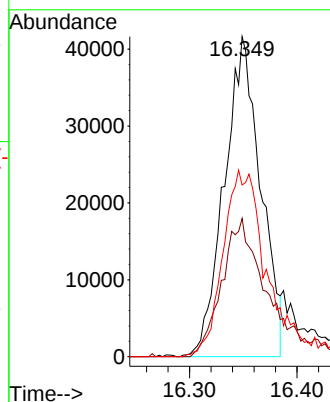
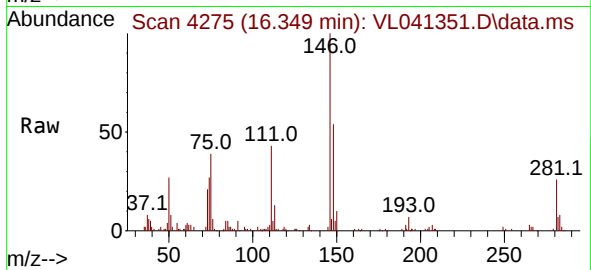
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Yesilyurt

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Supervised By :Mahesh
Dadoda

06/27/2024



#76

1,4-Dichlorobenzene

Concen: 0.534 ppbv

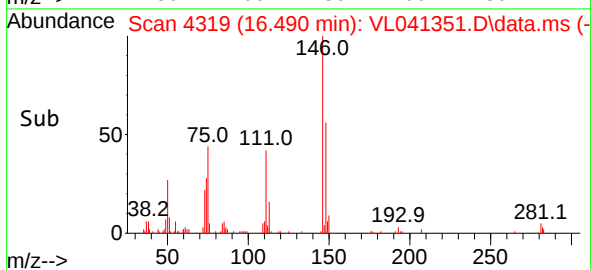
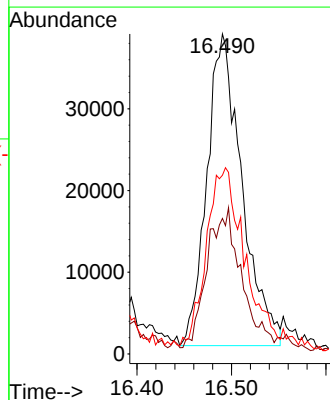
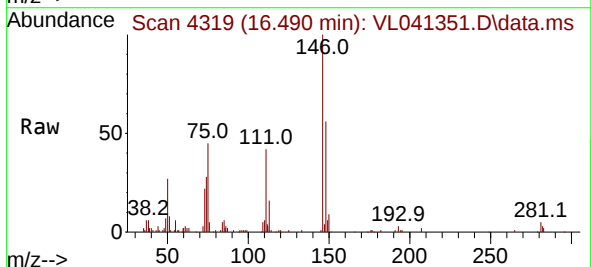
RT: 16.490 min Scan# 4319

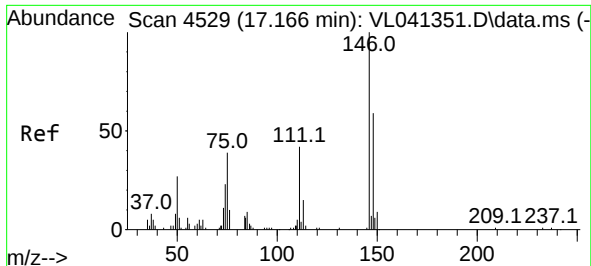
Delta R.T. 0.000 min

Lab File: VL041351.D

Acq: 26 Jun 2024 8:12

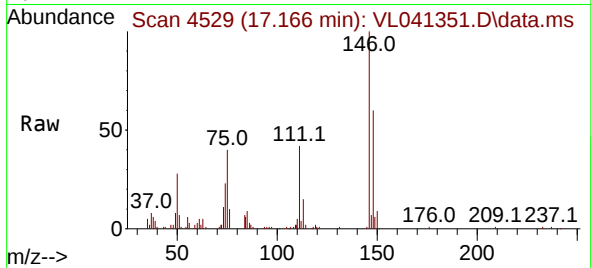
Tgt Ion:146	Resp:	98244
Ion Ratio	Lower	Upper
146	100	
111	52.2	22.9 68.8
148	71.8	32.8 98.3





#77
1,2-Dichlorobenzene
Concen: 0.575 ppbv m
RT: 17.166 min Scan# 4529
Delta R.T. 0.006 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



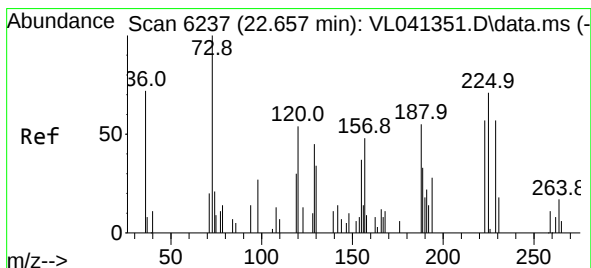
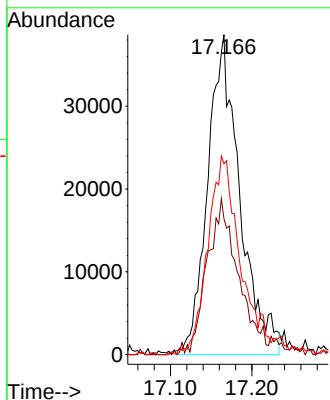
Tgt Ion:146 Resp: 10597
Ion Ratio Lower Upper
146 100
111 50.4 24.1 72.2
148 65.5 31.9 95.9

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Yesilyurt

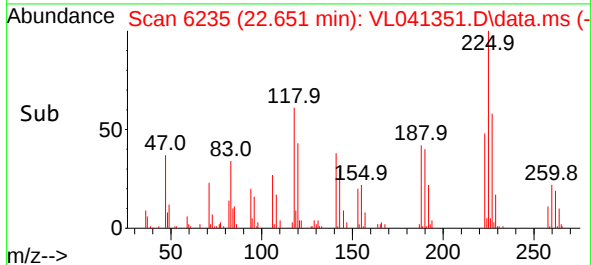
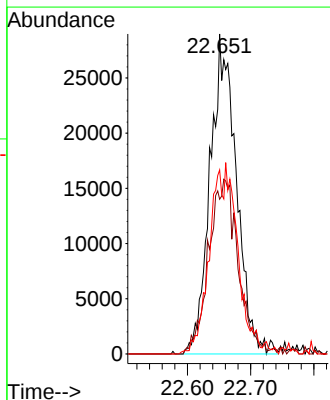
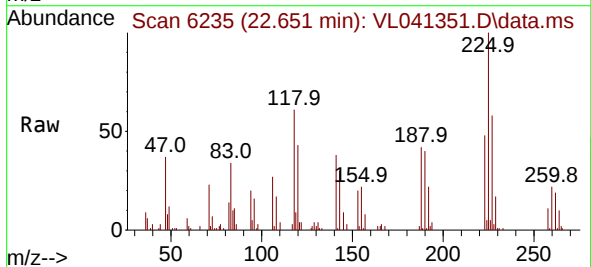
06/27/2024
Supervised By :Mahesh
Dadoda

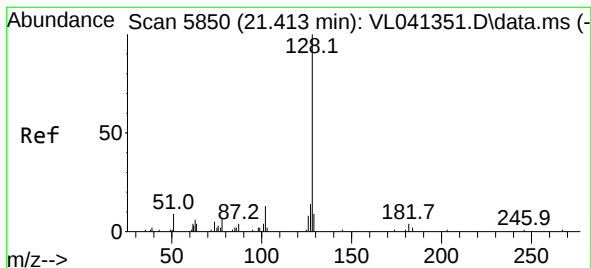
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#78
Hexachloro-1,3-Butadiene
Concen: 0.555 ppbv m
RT: 22.651 min Scan# 6235
Delta R.T. -0.010 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

Tgt Ion:225 Resp: 83746
Ion Ratio Lower Upper
225 100
223 0.0 51.3 76.9#
227 0.0 51.8 77.8#





#79
Naphthalene
Concen: 0.238 ppbv m
RT: 21.413 min Scan# 5850
Delta R.T. 0.000 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

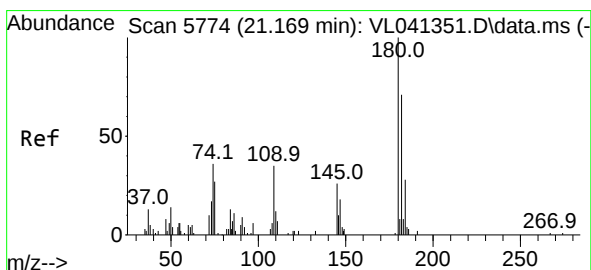
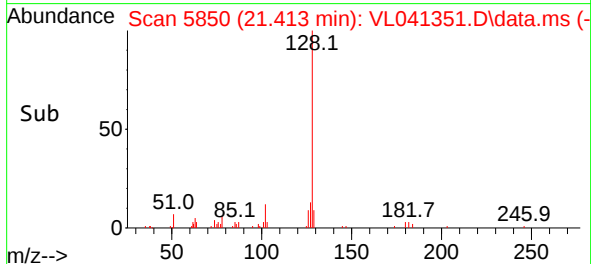
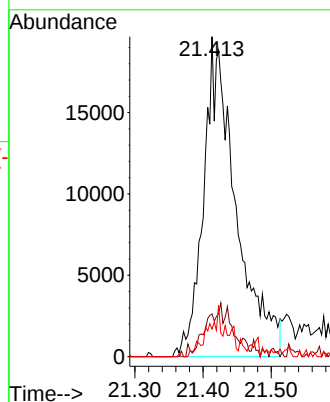
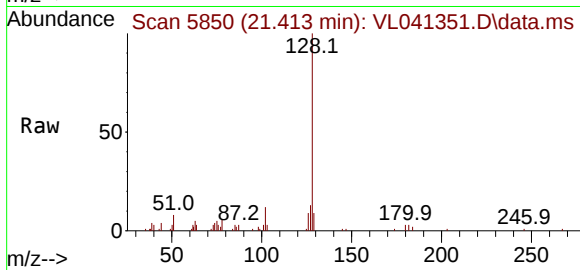
Tgt Ion:128 Resp: 6464
Ion Ratio Lower Upper
128 100
127 13.4 10.8 16.2
129 8.6 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

06/27/2024
Supervised By :Mahesh
Dadoda

06/27/2024



#81
1,2,4-Trichlorobenzene
Concen: 0.276 ppbv m
RT: 21.169 min Scan# 5774
Delta R.T. -0.003 min
Lab File: VL041351.D
Acq: 26 Jun 2024 8:12

Tgt Ion:180 Resp: 41840
Ion Ratio Lower Upper
180 100
182 0.0 78.1 117.1#
184 34.3 25.2 37.8

