

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082124\
 Data File : VL041561.D
 Acq On : 21 Aug 2024 10:27
 Operator : SY/MD
 Sample : VL0821ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0821ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/23/2024
 Supervised By : Mahesh Dadoda 08/23/2024

Quant Time: Aug 22 01:08:46 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

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

QLast Update : Thu Aug 22 01:05:17 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1053472	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2802483	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2799867m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.767 95 2080113 9.654 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.742	85	1222251	6.744	ppbv	100
3) Chlorodifluoromethane	2.687	51	1012711	8.075	ppbv	99
4) Chloromethane	2.825	50	548040	8.216	ppbv	99
5) Vinyl Chloride	2.931	62	517008	7.864	ppbv	95
6) Bromomethane	3.131	94	233106	6.898	ppbv	94
7) Chloroethane	3.208	64	185932	8.194	ppbv	95
8) Dichlorotetrafluoroethane	2.870	85	1300412	8.098	ppbv	98
9) Propene	2.706	41	469584	8.151	ppbv	99
10) Heptane	7.581	43	1168025	9.023	ppbv	99
11) Trichlorofluoromethane	3.571	101	1262537	7.844	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.073	101	932318	8.044	ppbv	100
13) Ethanol	3.256	45	35821m	6.957	ppbv	
14) Bromoethene	3.375	108	383239	8.482	ppbv	99
15) Acetone	3.478	43	962189	8.039	ppbv	100
16) 1,3-Butadiene	2.999	39	543750	8.503	ppbv	99
17) tert-Butyl alcohol	3.883	59	1041907	9.544	ppbv	100
18) 1,1-Dichloroethene	3.886	96	419180	8.455	ppbv	99
19) Isopropyl Alcohol	3.584	45	627020	8.960	ppbv #	98
20) Methylene Chloride	3.941	84	355351	7.961	ppbv	97
21) Allyl Chloride	4.002	41	670743	8.545	ppbv	100
22) trans-1,2-Dichloroethene	4.452	96	427505	8.624	ppbv	97
23) Vinyl Acetate	4.632	43	747635	8.178	ppbv	99
24) 1,1-Dichloroethane	4.568	63	924516	8.589	ppbv	99
25) Ethyl Acetate	5.208	43	2119925	8.915	ppbv	99
26) Hexane	5.214	57	862018	8.739	ppbv	98
27) Carbon Disulfide	4.131	76	1018486	8.826	ppbv	99
28) Methyl tert-Butyl Ether	4.590	73	544698	8.756	ppbv	100
29) Chloroform	5.279	83	1325603	8.239	ppbv	98
30) Cyclohexane	6.603	84	720784	8.973	ppbv	97
31) cis-1,2-Dichloroethene	5.082	61	830591	8.523	ppbv	100
32) 1,1,1-Trichloroethane	6.005	97	1293807	8.261	ppbv	99
34) 2-Butanone	4.793	43	1196218	8.824	ppbv	99
35) Carbon Tetrachloride	6.494	117	1344303	8.697	ppbv	98
36) Benzene	6.372	78	1833009	8.951	ppbv	99
37) 1,2-Dichloroethane	5.809	62	993240	8.666	ppbv	99
38) Trichloroethene	7.291	130	895786	9.548	ppbv	98
39) 1,2-Dichloropropane	7.076	63	709585	9.051	ppbv	98
40) 1,4-Dioxane	7.288	88	293125	9.307	ppbv #	1
41) Tetrahydrofuran	5.558	42	771139	9.946	ppbv	97
42) Bromodichloromethane	7.250	83	1461993	8.834	ppbv	100
43) Methyl Methacrylate	7.471	69	716757	9.761	ppbv	96
44) 2,2,4-Trimethylpentane	7.327	57	3114819	9.107	ppbv	100
45) t-1,3-Dichloropropene	8.709	75	598859	8.860	ppbv	97

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

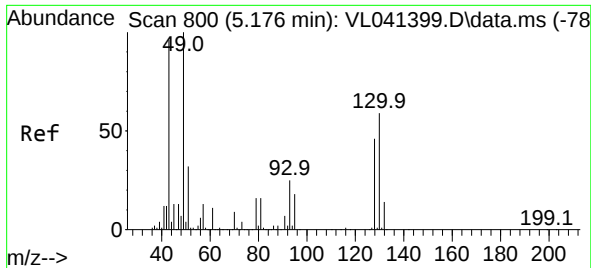
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Thu Aug 22 01:05:17 2024

Response via : Initial Calibration

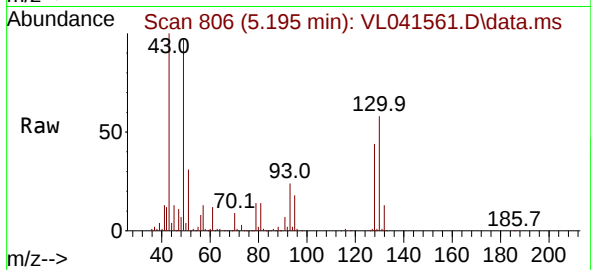
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.143	75	826618	8.469	ppbv	97
47) 1,1,2-Trichloroethane	8.896	97	763699	8.837	ppbv	95
48) Dibromochloromethane	9.706	129	1279552	9.191	ppbv	100
49) Bromoform	12.400	173	1183780	10.066	ppbv	100
50) 4-Methyl-2-Pentanone	8.179	43	2059991	9.631	ppbv	100
51) 2-Hexanone	9.549	43	1640366	10.143	ppbv #	99
52) Tetrachloroethene	10.613	164	701733	8.869	ppbv	98
53) Toluene	9.221	91	2141144	9.387	ppbv	100
54) 1,2-Dibromoethane	10.005	107	1066187	9.269	ppbv	95
56) 1,1,1,2-Tetrachloroethane	11.503	131	941130	8.667	ppbv #	54
57) Chlorobenzene	11.523	112	1713601	8.596	ppbv	99
58) Ethyl Benzene	12.085	91	2955668	9.159	ppbv	100
59) m/p-Xylene	12.368	91	5074549m	18.215	ppbv	
60) o-Xylene	13.056	91	2446970	9.285	ppbv	100
61) Styrene	12.896	104	1198627	10.082	ppbv	99
62) Isopropylbenzene	14.024	105	3604735	8.998	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.044	83	1476993	8.875	ppbv	99
64) n-propylbenzene	14.912	120	982208	9.378	ppbv	96
65) tert-Butylbenzene	16.085	119	3388503	9.364	ppbv	100
66) Benzyl Chloride	16.326	91	221380m	9.538	ppbv	
67) sec-Butylbenzene	16.632	105	4837657	9.703	ppbv	100
69) p-Isopropyltoluene	16.992	119	4106275	9.925	ppbv	100
70) n-Butylbenzene	17.879	91	4393877	10.360	ppbv	100
71) 2-Chlorotoluene	14.796	91	2833046	9.589	ppbv	100
72) 4-Ethyltoluene	15.188	105	3036361	9.787	ppbv	100
73) 1,3,5-Trimethylbenzene	15.342	105	2657283	9.942	ppbv	97
74) 1,2,4-Trimethylbenzene	16.105	105	3021530	9.723	ppbv	96
75) 1,3-Dichlorobenzene	16.326	146	1909207	9.774	ppbv	99
76) 1,4-Dichlorobenzene	16.468	146	1869460	9.884	ppbv	99
77) 1,2-Dichlorobenzene	17.133	146	1918182	9.906	ppbv	99
78) Hexachloro-1,3-Butadiene	22.625	225	1546149	9.363	ppbv	99
79) Naphthalene	21.374	128	3429206	12.503	ppbv	99
80) Naphthalene,2-methyl-	24.368	142	1487907	6.472	ppbv	100
81) 1,2,4-Trichlorobenzene	21.136	180	1765280m	10.816	ppbv	

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



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.195 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VL041561.D
 Acq: 21 Aug 2024 10:27

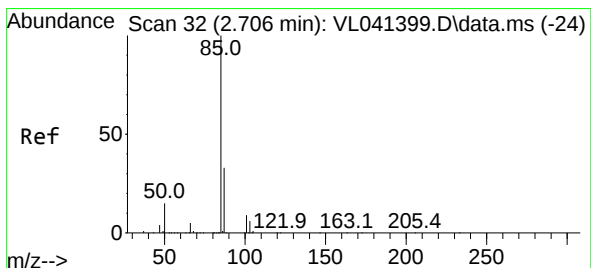
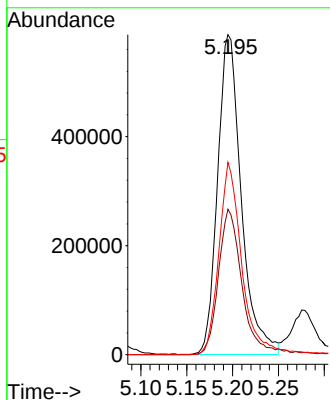
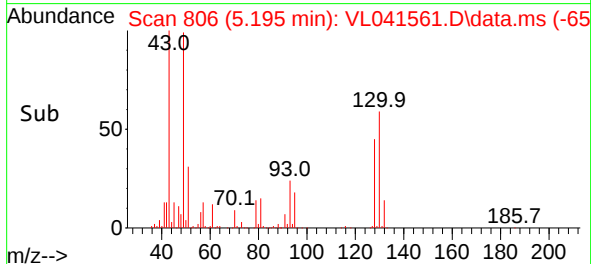
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0821ABS01



Tgt Ion: 49 Resp: 105347
 Ion Ratio Lower Upper
 49 100
 128 46.3 23.8 71.4
 130 59.1 30.8 92.4

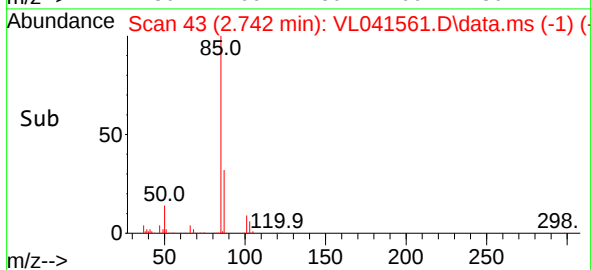
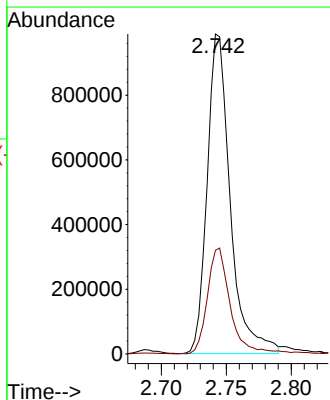
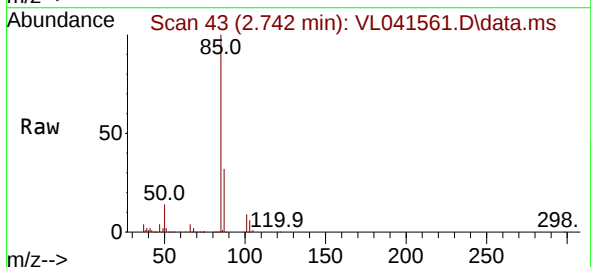
Manual Integrations
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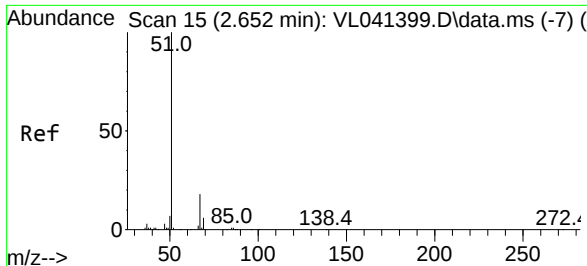
Reviewed By :Semsettin Yesilyurt 08/23/2024
 Supervised By :Mahesh Dadoda 08/23/2024



#2
 Dichlorodifluoromethane
 Concen: 6.744 ppbv
 RT: 2.742 min Scan# 43
 Delta R.T. -0.000 min
 Lab File: VL041561.D
 Acq: 21 Aug 2024 10:27

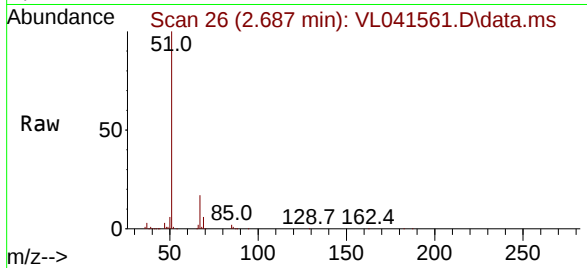
Tgt Ion: 85 Resp: 1222251
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.0 39.0





#3
Chlorodifluoromethane
Concen: 8.075 ppbv
RT: 2.687 min Scan# 20
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

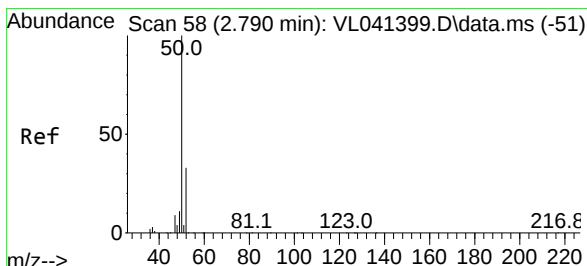
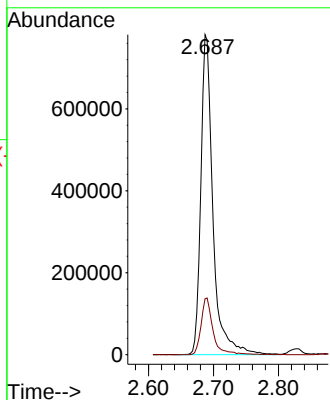
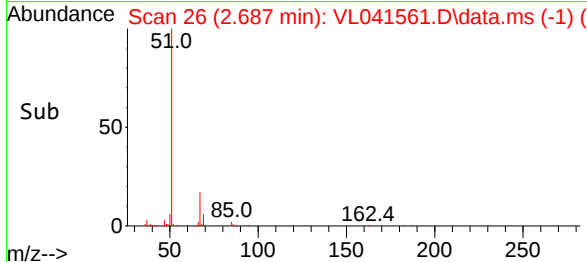
Instrument :
MSVOA_L
ClientSampleId :
VL0821ABS01



Tgt Ion: 51 Resp: 101271
Ion Ratio Lower Upper
51 100
67 17.6 14.5 21.7

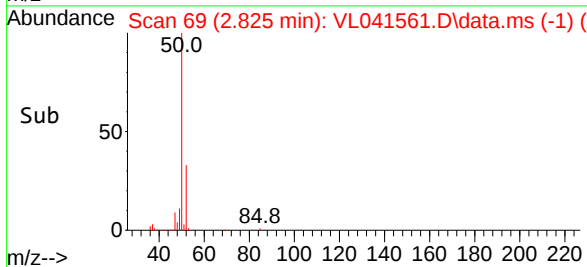
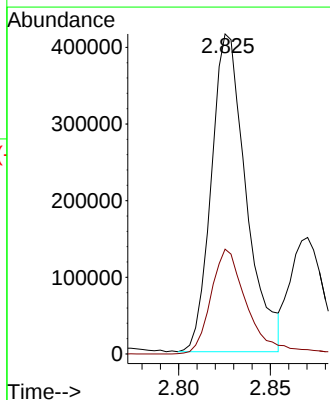
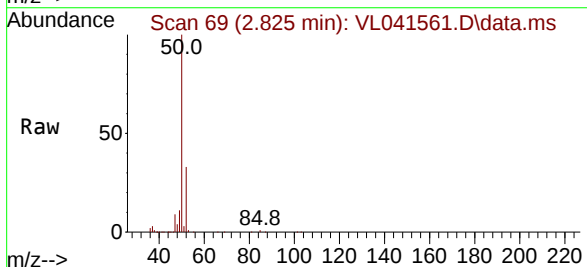
Manual Integrations
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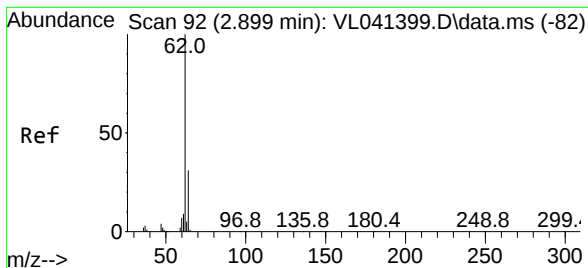
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#4
Chloromethane
Concen: 8.216 ppbv
RT: 2.825 min Scan# 69
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

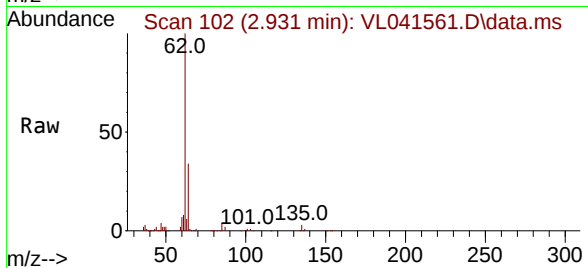
Tgt Ion: 50 Resp: 548040
Ion Ratio Lower Upper
50 100
52 32.9 26.1 39.1





#5
 Vinyl Chloride
 Concen: 7.864 ppbv
 RT: 2.931 min Scan# 102
 Delta R.T. -0.000 min
 Lab File: VL041561.D
 Acq: 21 Aug 2024 10:27

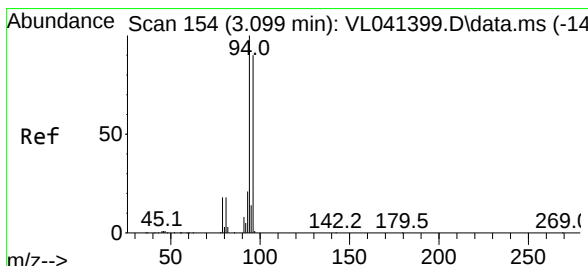
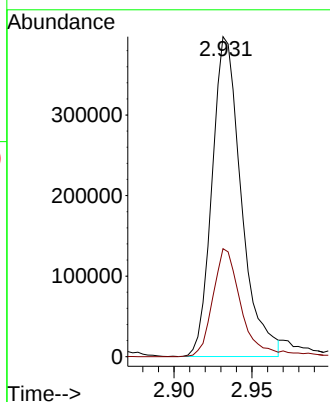
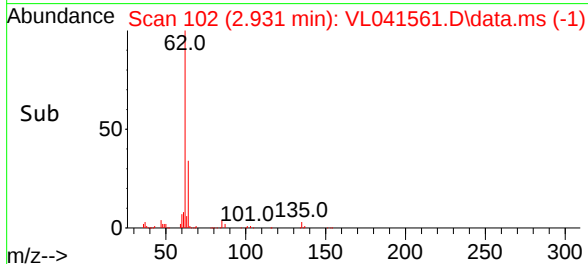
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0821ABS01



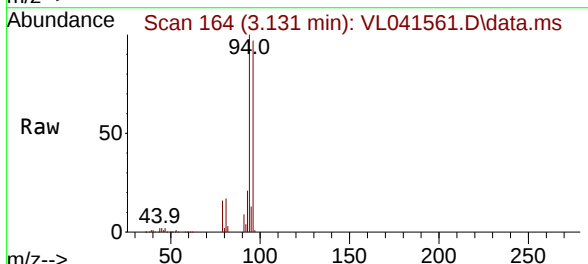
Tgt Ion: 62 Resp: 517008
 Ion Ratio Lower Upper
 62 100
 64 33.8 25.0 37.4

Manual Integrations
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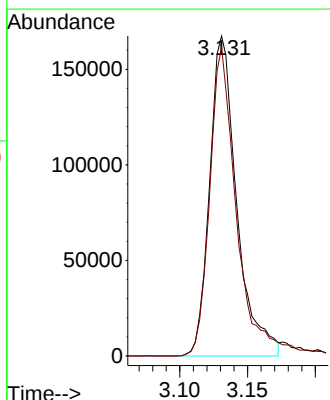
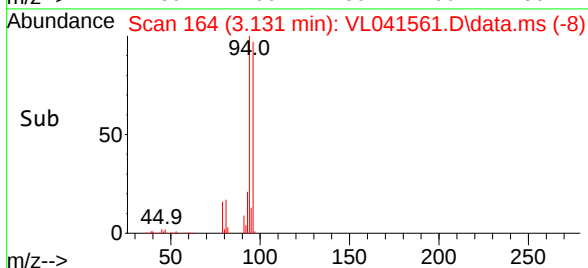
Reviewed By :Semsettin Yesilyurt 08/23/2024
 Supervised By :Mahesh Dadoda 08/23/2024

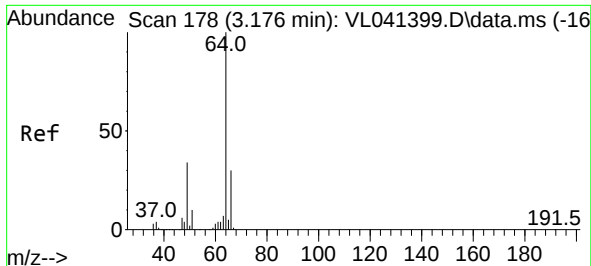


#6
 Bromomethane
 Concen: 6.898 ppbv
 RT: 3.131 min Scan# 164
 Delta R.T. -0.000 min
 Lab File: VL041561.D
 Acq: 21 Aug 2024 10:27



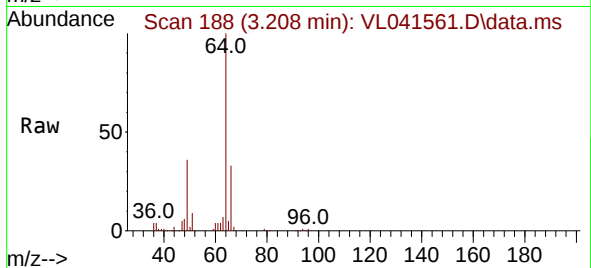
Tgt Ion: 94 Resp: 233106
 Ion Ratio Lower Upper
 94 100
 96 96.5 72.3 108.5





#7
Chloroethane
Concen: 8.194 ppbv
RT: 3.208 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

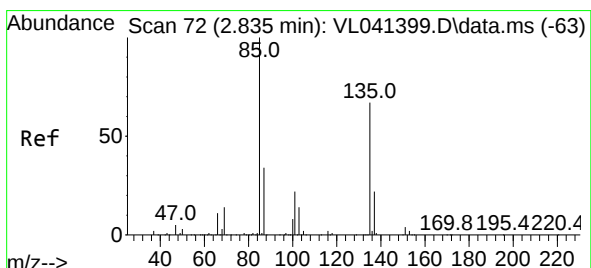
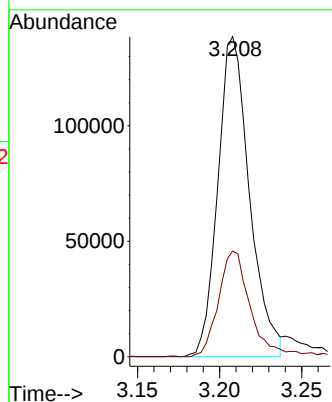
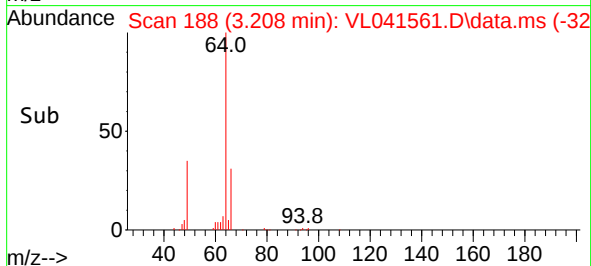
Instrument :
MSVOA_L
ClientSampleId :
VL0821ABS01



Tgt Ion: 64 Resp: 18593
Ion Ratio Lower Upper
64 100
66 33.0 24.2 36.2

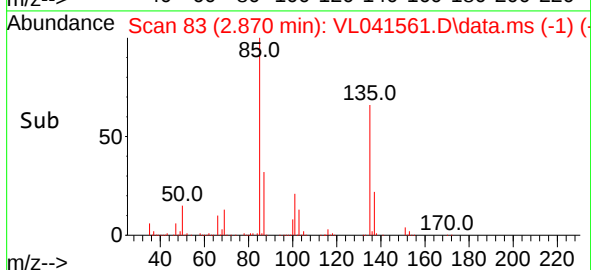
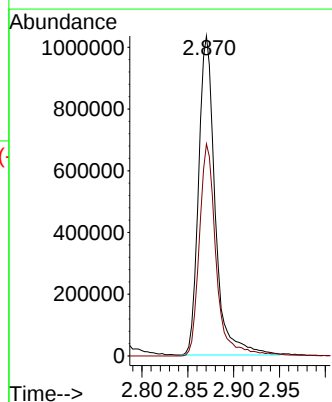
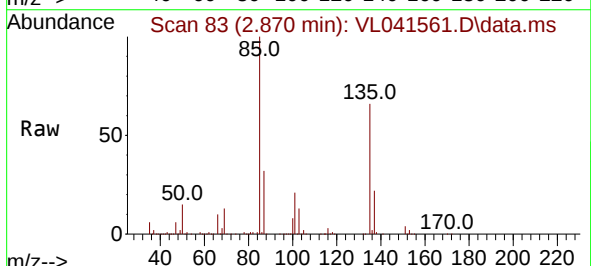
Manual Integrations
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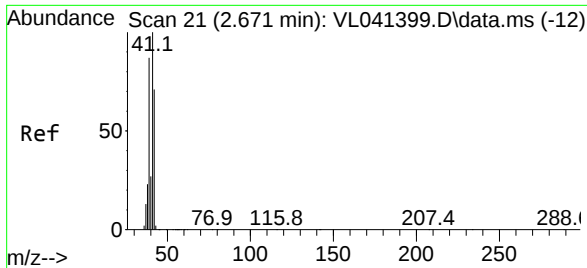
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#8
Dichlorotetrafluoroethane
Concen: 8.098 ppbv
RT: 2.870 min Scan# 83
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

Tgt Ion: 85 Resp: 1300412
Ion Ratio Lower Upper
85 100
135 67.7 55.4 83.0





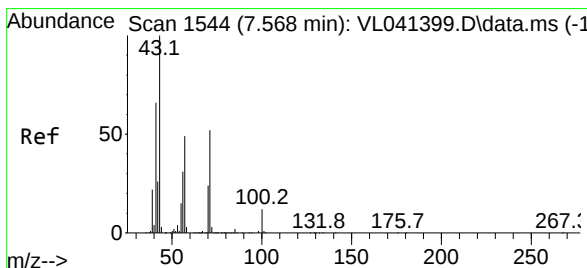
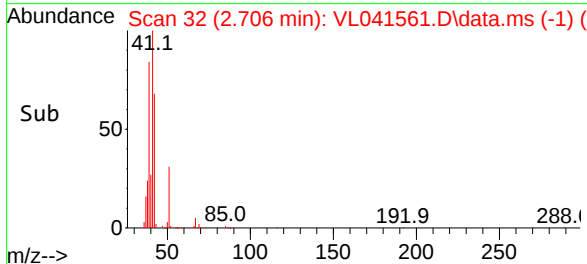
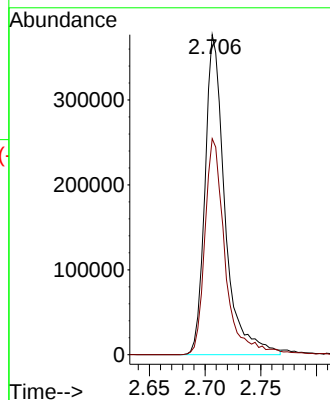
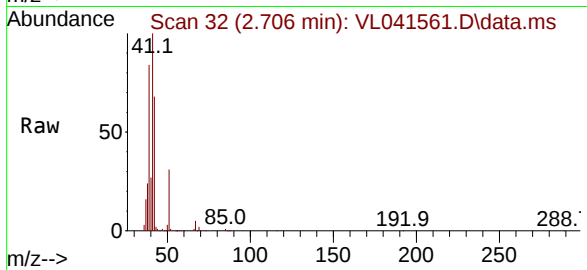
#9
 Propene
 Concen: 8.151 ppbv
 RT: 2.706 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VL041561.D
 Acq: 21 Aug 2024 10:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0821ABS01

Tgt Ion: 41 Resp: 469584
 Ion Ratio Lower Upper
 41 100
 42 69.4 55.9 83.9

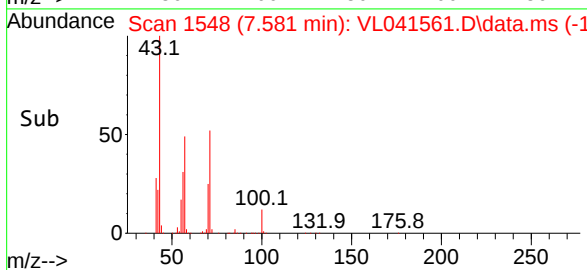
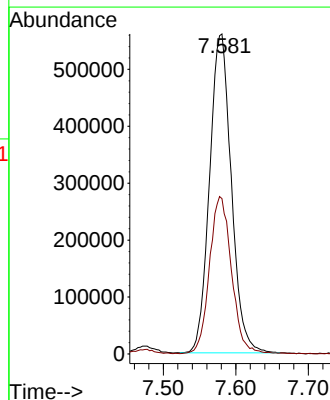
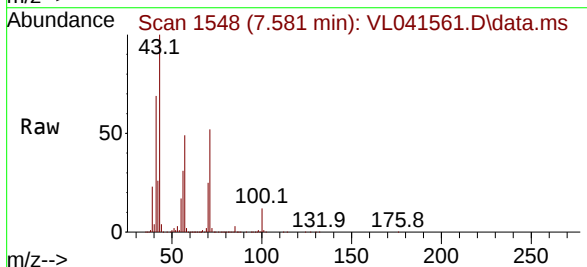
Manual Integrations
 APPROVED

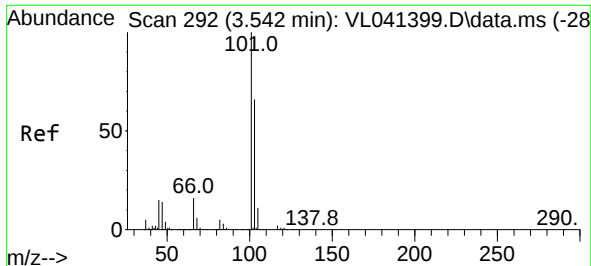
Reviewed By :Semsettin Yesilyurt 08/23/2024
 Supervised By :Mahesh Dadoda 08/23/2024



#10
 Heptane
 Concen: 9.023 ppbv
 RT: 7.581 min Scan# 1548
 Delta R.T. -0.000 min
 Lab File: VL041561.D
 Acq: 21 Aug 2024 10:27

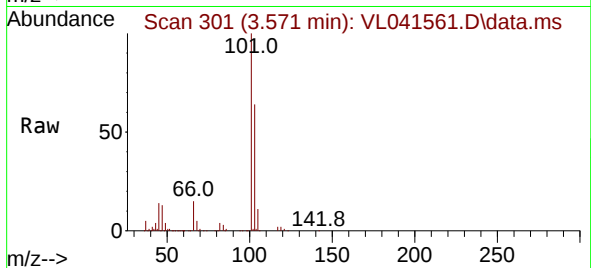
Tgt Ion: 43 Resp: 1168025
 Ion Ratio Lower Upper
 43 100
 57 50.0 40.5 60.7





#11
Trichlorofluoromethane
Concen: 7.844 ppbv
RT: 3.571 min Scan# 301
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

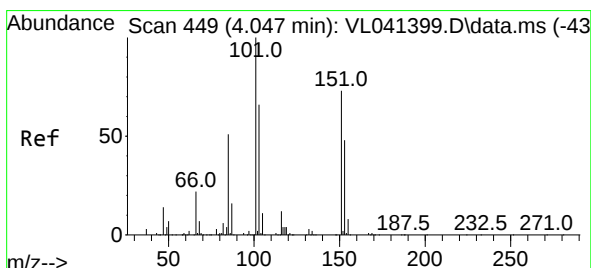
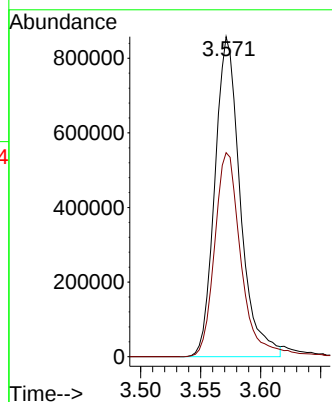
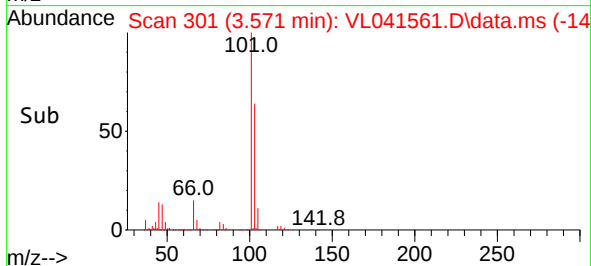
Instrument :
MSVOA_L
ClientSampleId :
VL0821ABS01



Tgt Ion:101 Resp: 126253
Ion Ratio Lower Upper
101 100
103 63.7 52.6 79.0

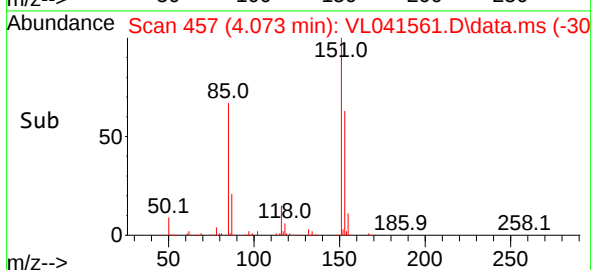
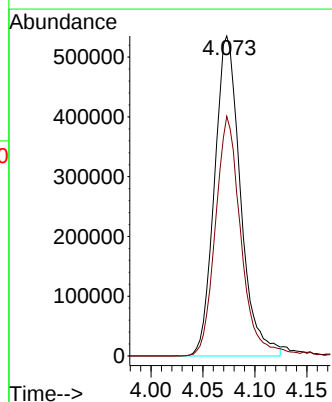
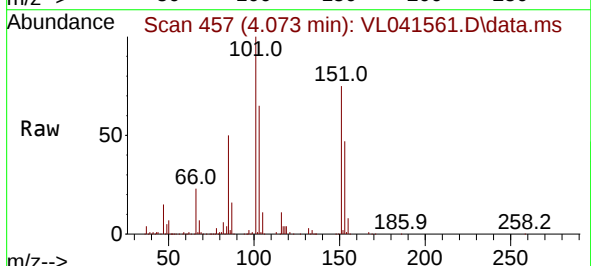
Manual Integrations
APPROVED

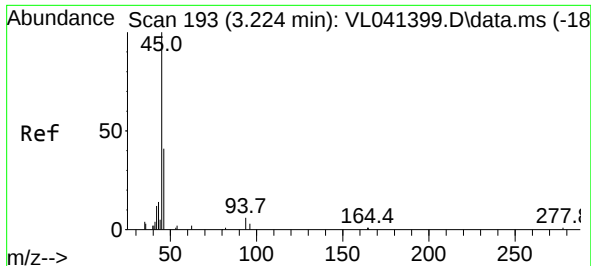
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.044 ppbv
RT: 4.073 min Scan# 457
Delta R.T. -0.003 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

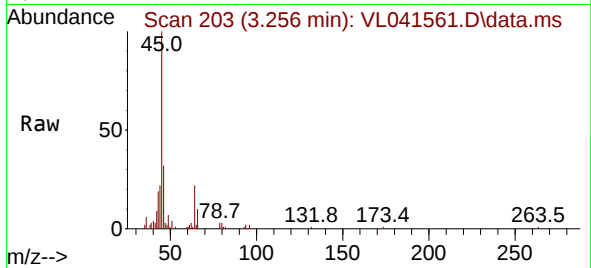
Tgt Ion:101 Resp: 932318
Ion Ratio Lower Upper
101 100
151 74.5 59.4 89.2





#13
Ethanol
Concen: 6.957 ppbv m
RT: 3.256 min Scan# 203
Delta R.T. -0.003 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

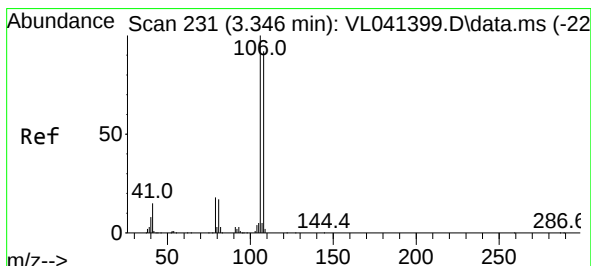
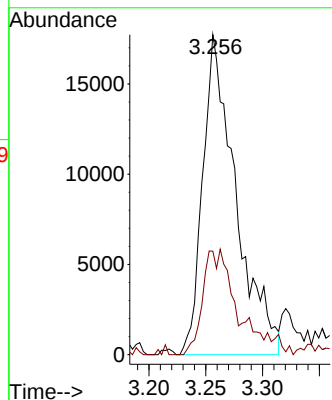
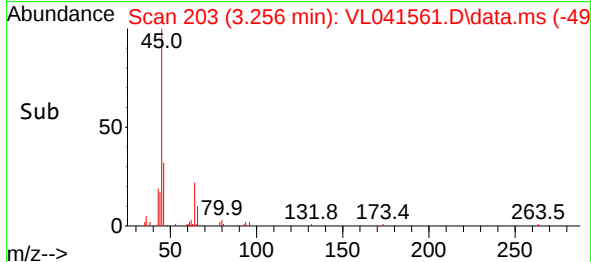
Instrument :
MSVOA_L
ClientSampleId :
VL0821ABS01



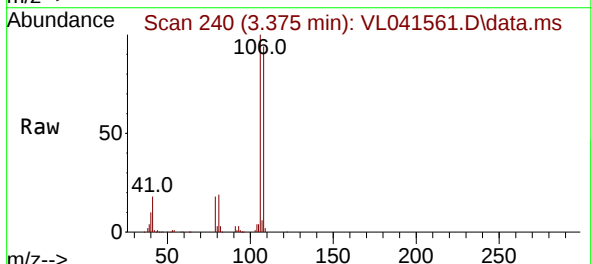
Tgt Ion: 45 Resp: 3582
Ion Ratio Lower Upper
45 100
46 35.3 13.4 53.4

Manual Integrations
APPROVED

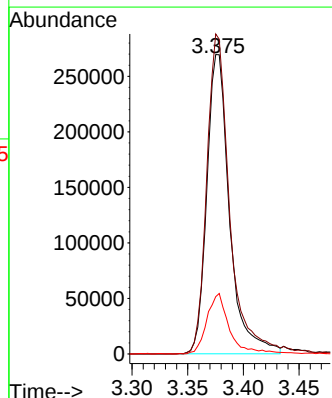
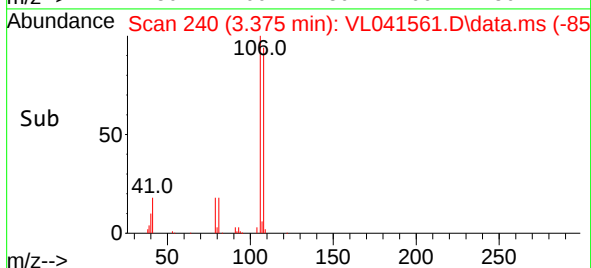
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

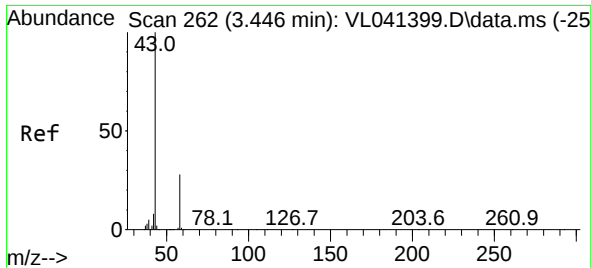


#14
Bromoethene
Concen: 8.482 ppbv
RT: 3.375 min Scan# 240
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27



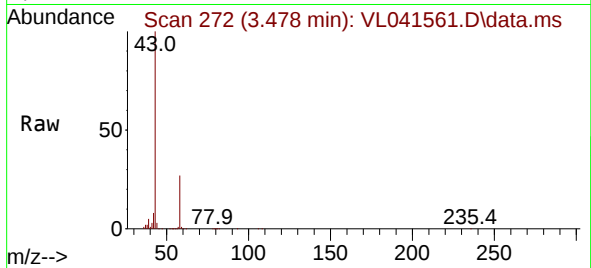
Tgt Ion:108 Resp: 383239
Ion Ratio Lower Upper
108 100
106 109.8 86.9 130.3
79 20.6 16.2 24.4





#15
Acetone
Concen: 8.039 ppbv
RT: 3.478 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

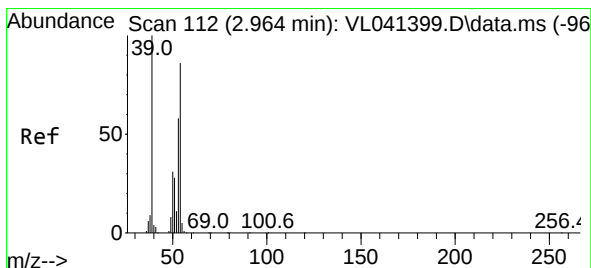
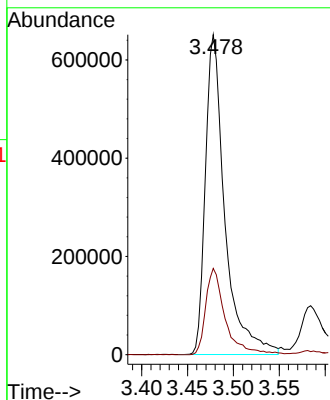
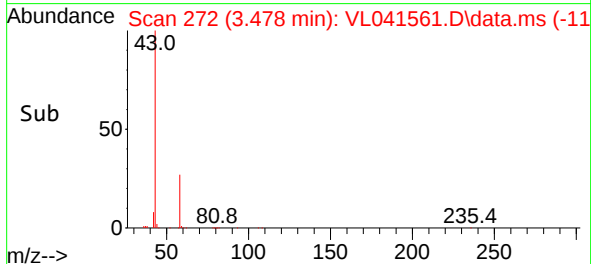
Instrument :
MSVOA_L
ClientSampleId :
VL0821ABS01



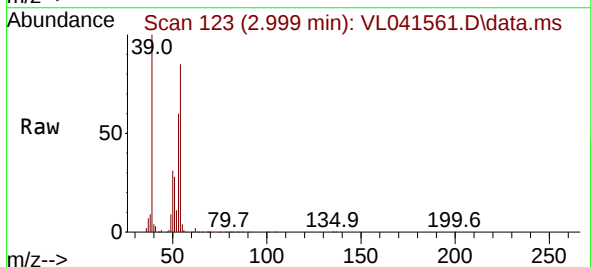
Tgt Ion: 43 Resp: 962189
Ion Ratio Lower Upper
43 100
58 27.0 21.4 32.2

Manual Integrations
APPROVED

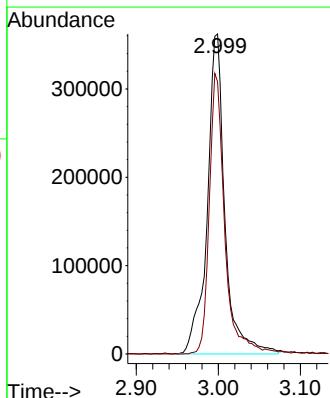
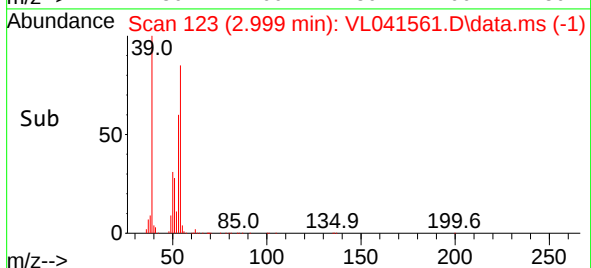
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

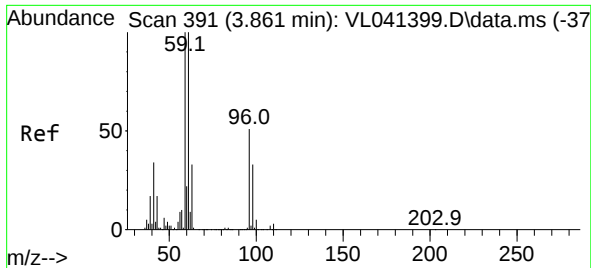


#16
1,3-Butadiene
Concen: 8.503 ppbv
RT: 2.999 min Scan# 123
Delta R.T. 0.003 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27



Tgt Ion: 39 Resp: 543750
Ion Ratio Lower Upper
39 100
54 77.1 62.5 93.7





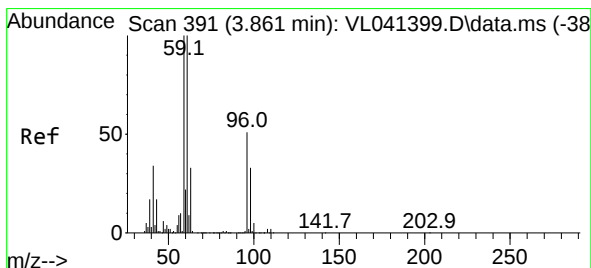
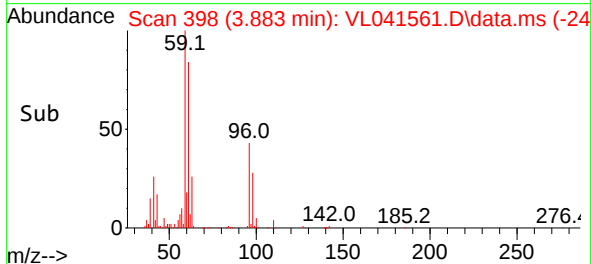
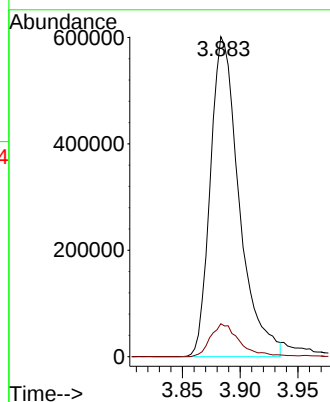
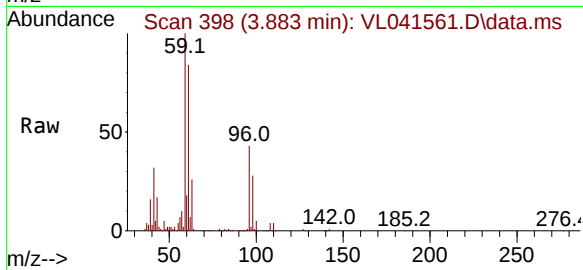
#17
tert-Butyl alcohol
Concen: 9.544 ppbv
RT: 3.883 min Scan# 391
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

Instrument :
MSVOA_L
ClientSampleId :
VL0821ABS01

Tgt Ion: 59 Resp: 104190
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

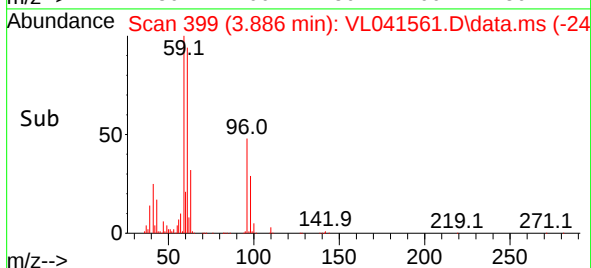
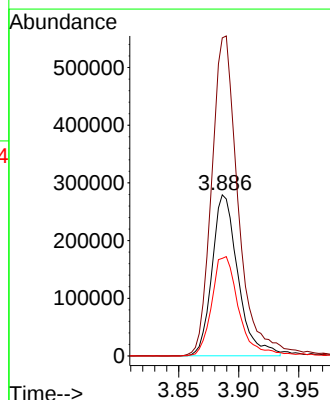
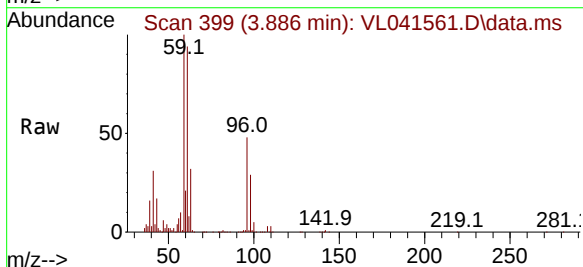
Manual Integrations
APPROVED

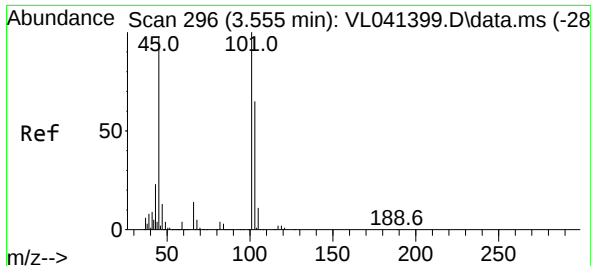
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#18
1,1-Dichloroethene
Concen: 8.455 ppbv
RT: 3.886 min Scan# 399
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

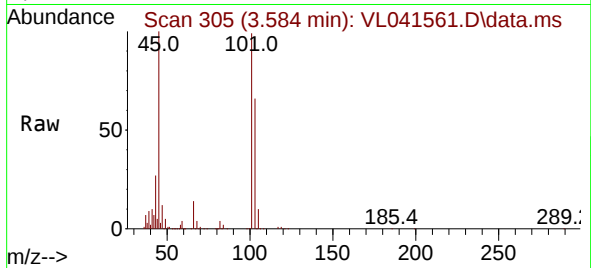
Tgt Ion: 96 Resp: 419180
Ion Ratio Lower Upper
96 100
61 197.6 157.5 236.3
98 60.7 51.2 76.8





#19
Isopropyl Alcohol
Concen: 8.960 ppbv
RT: 3.584 min Scan# 305
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

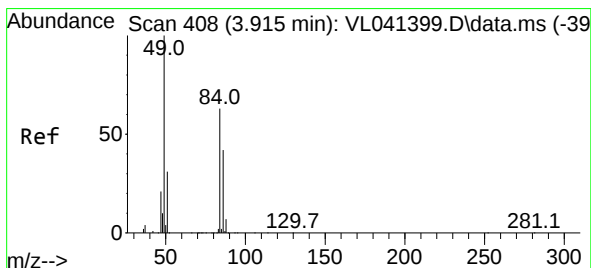
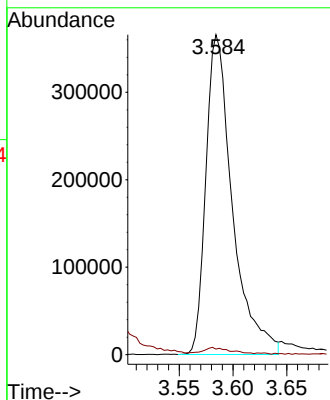
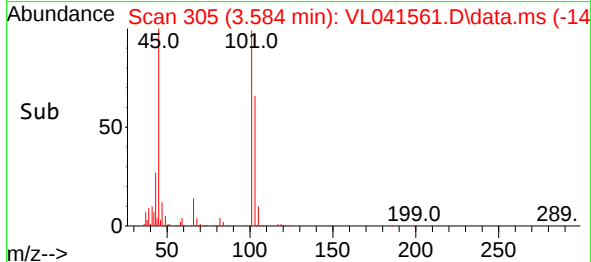
Instrument :
MSVOA_L
ClientSampleId :
VL0821ABS01



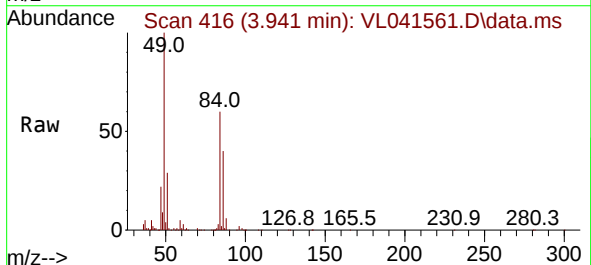
Tgt Ion: 45 Resp: 627020
Ion Ratio Lower Upper
45 100
58 3.1 1.9 2.9

Manual Integrations
APPROVED

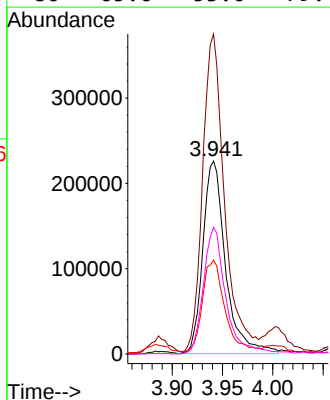
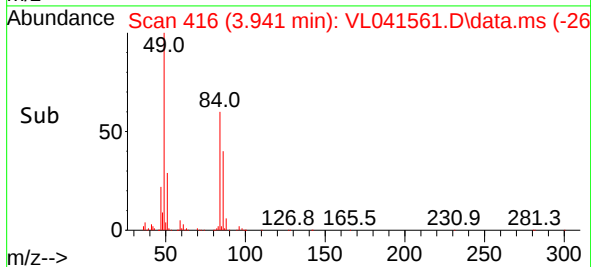
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

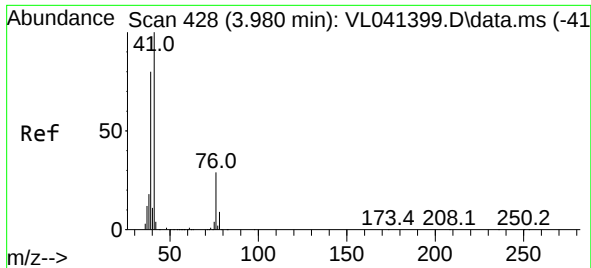


#20
Methylene Chloride
Concen: 7.961 ppbv
RT: 3.941 min Scan# 416
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27



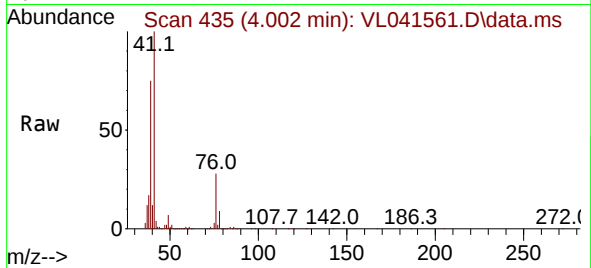
Tgt Ion: 84 Resp: 355351
Ion Ratio Lower Upper
84 100
49 164.6 126.6 190.0
51 47.0 38.6 58.0
86 65.6 53.0 79.4





#21
 Allyl Chloride
 Concen: 8.545 ppbv
 RT: 4.002 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL041561.D
 Acq: 21 Aug 2024 10:27

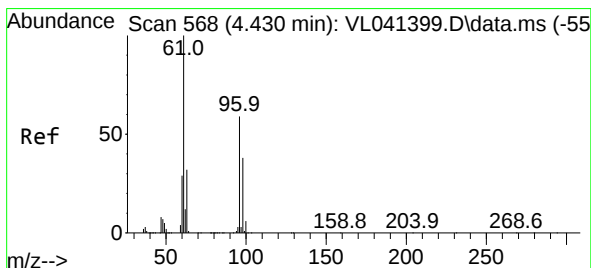
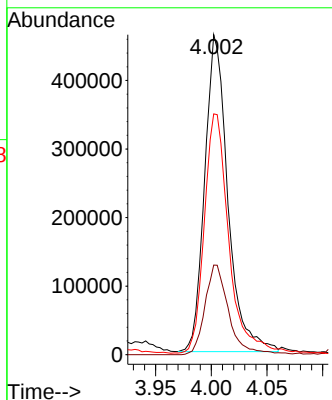
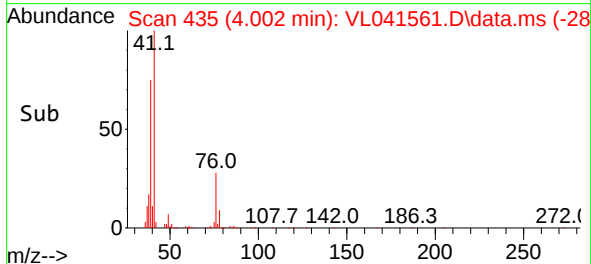
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0821ABS01



Tgt Ion: 41 Resp: 67074
 Ion Ratio Lower Upper
 41 100
 76 29.2 23.7 35.5
 39 80.8 64.3 96.5

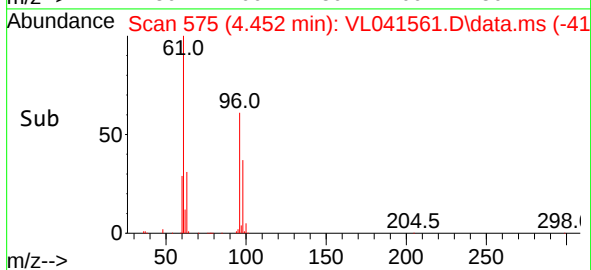
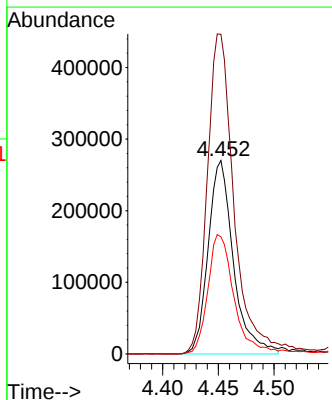
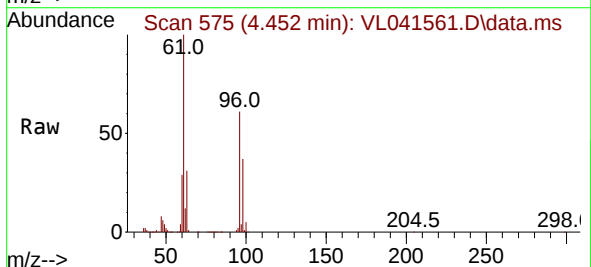
Manual Integrations
 APPROVED

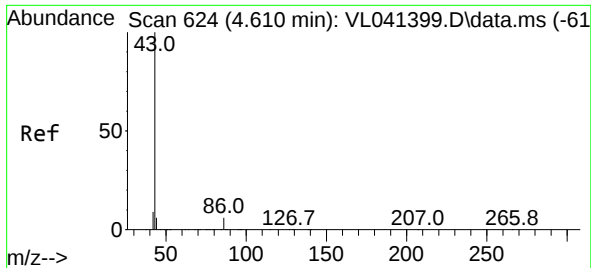
Reviewed By :Semsettin Yesilyurt 08/23/2024
 Supervised By :Mahesh Dadoda 08/23/2024



#22
 trans-1,2-Dichloroethene
 Concen: 8.624 ppbv
 RT: 4.452 min Scan# 575
 Delta R.T. -0.000 min
 Lab File: VL041561.D
 Acq: 21 Aug 2024 10:27

Tgt Ion: 96 Resp: 427505
 Ion Ratio Lower Upper
 96 100
 61 165.1 135.4 203.2
 98 60.5 51.0 76.4





#23
 Vinyl Acetate
 Concen: 8.178 ppbv
 RT: 4.632 min Scan# 611
 Delta R.T. -0.000 min
 Lab File: VL041561.D
 Acq: 21 Aug 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

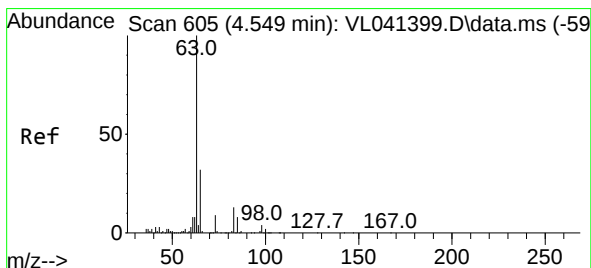
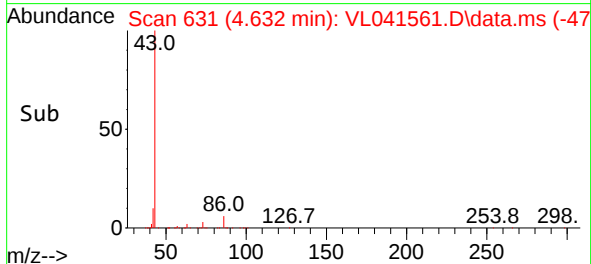
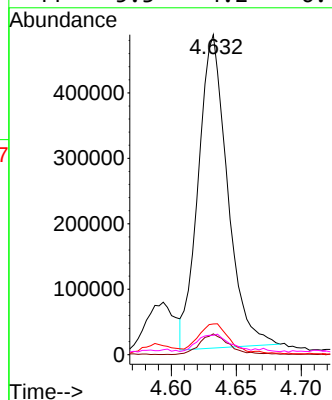
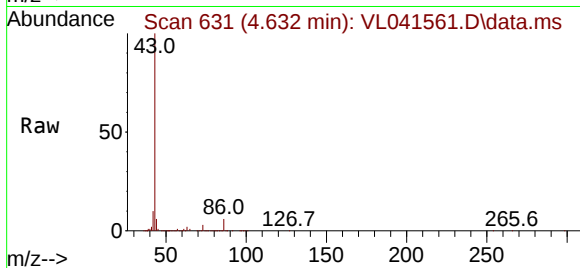
VL0821ABS01

Tgt Ion: 43 Resp: 747635
 Ion Ratio Lower Upper
 43 100
 86 6.6 4.6 6.8
 42 9.4 7.9 11.9
 44 5.3 4.2 6.4

Manual Integrations

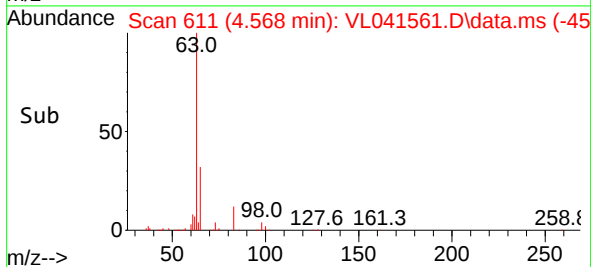
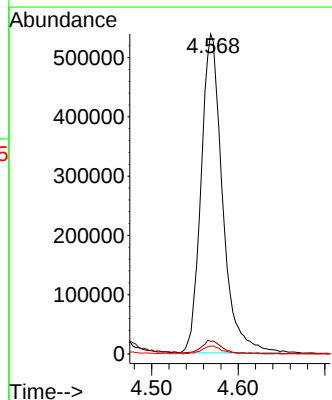
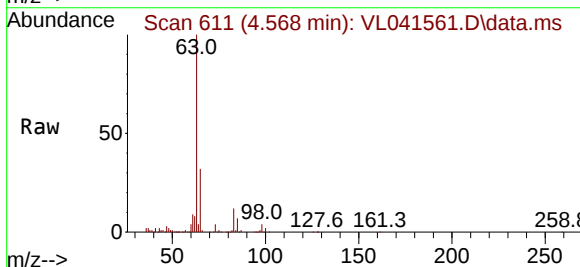
APPROVED

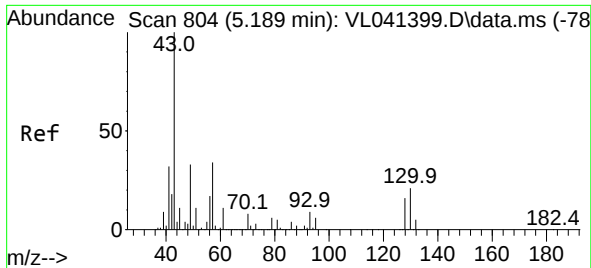
Reviewed By :Semsettin Yesilyurt 08/23/2024
 Supervised By :Mahesh Dadoda 08/23/2024



#24
 1,1-Dichloroethane
 Concen: 8.589 ppbv
 RT: 4.568 min Scan# 611
 Delta R.T. -0.000 min
 Lab File: VL041561.D
 Acq: 21 Aug 2024 10:27

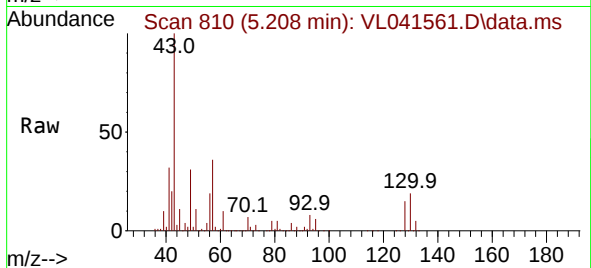
Tgt Ion: 63 Resp: 924516
 Ion Ratio Lower Upper
 63 100
 98 3.7 2.0 6.0
 100 2.4 1.2 3.6





#25
Ethyl Acetate
Concen: 8.915 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

Instrument : MSVOA_L
ClientSampleId : VL0821ABS01

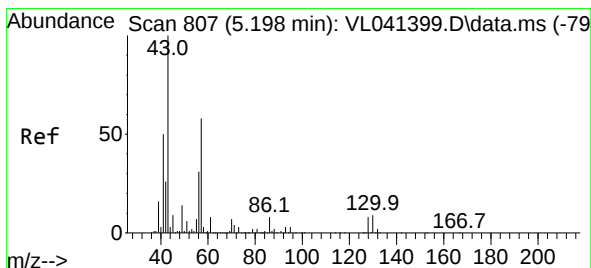
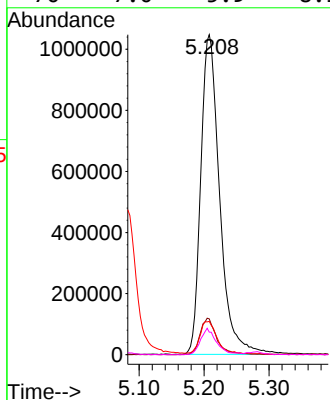
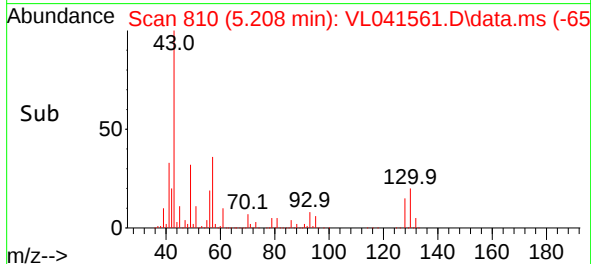


Tgt Ion: 43 Resp: 211992

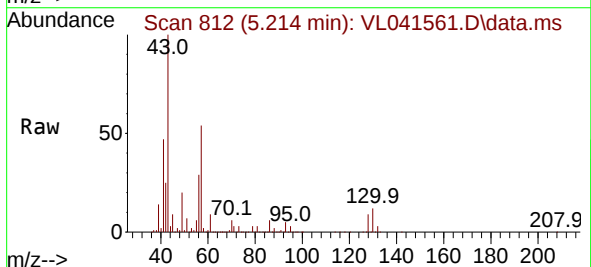
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.5	12.7
61	10.4	8.0	12.0
70	7.0	5.9	8.9

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

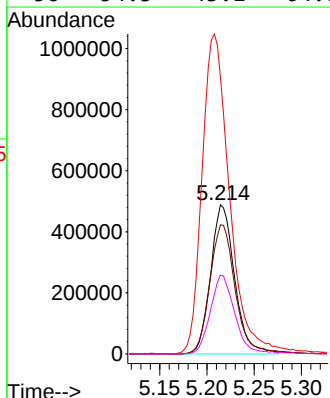
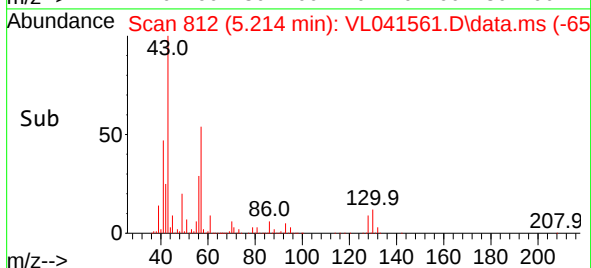


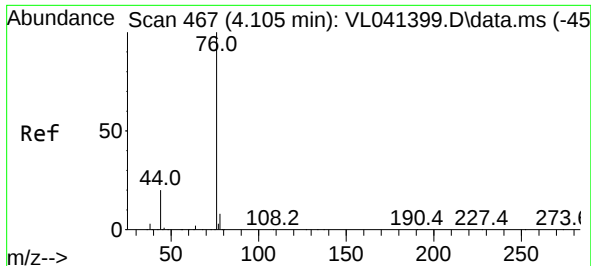
#26
Hexane
Concen: 8.739 ppbv
RT: 5.214 min Scan# 812
Delta R.T. -0.003 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27



Tgt Ion: 57 Resp: 862018

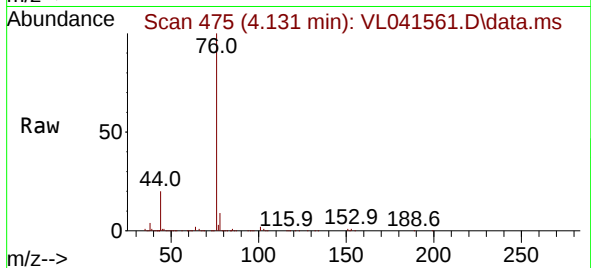
Ion	Ratio	Lower	Upper
57	100		
41	92.8	74.0	111.0
43	248.1	193.6	290.4
56	54.3	43.1	64.7





#27
Carbon Disulfide
Concen: 8.826 ppbv
RT: 4.131 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

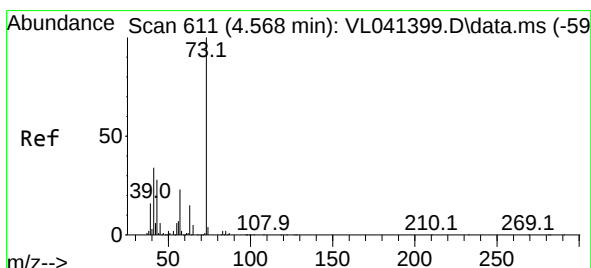
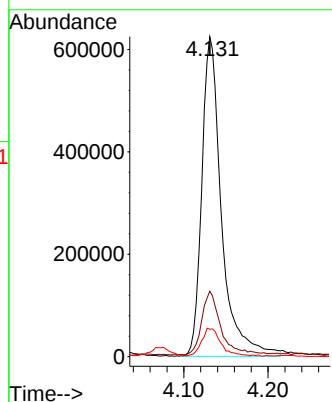
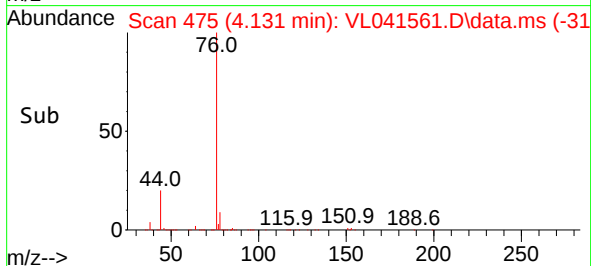
Instrument :
MSVOA_L
ClientSampleId :
VL0821ABS01



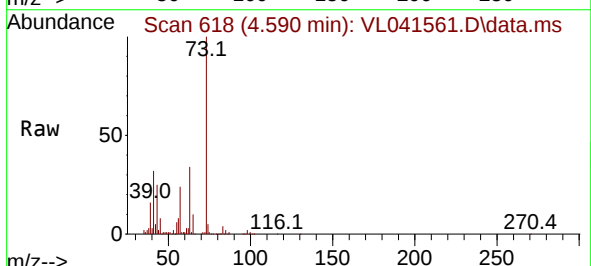
Tgt Ion: 76 Resp: 101848
Ion Ratio Lower Upper
76 100
44 19.6 15.6 23.4
78 9.1 7.7 11.5

Manual Integrations
APPROVED

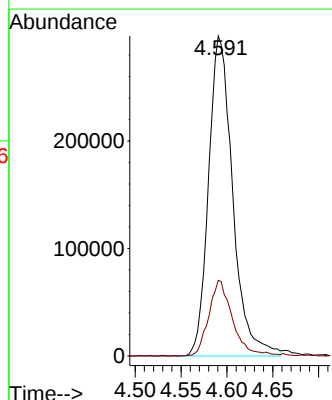
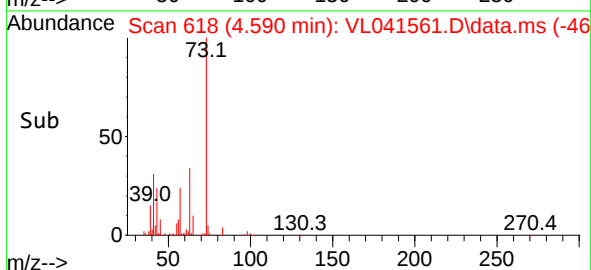
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

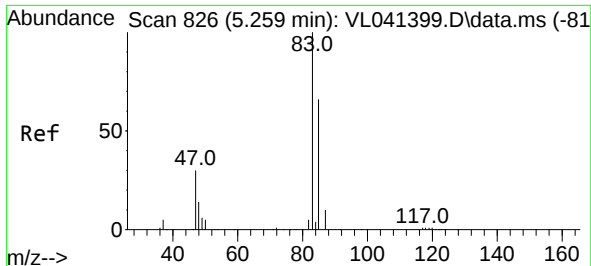


#28
Methyl tert-Butyl Ether
Concen: 8.756 ppbv
RT: 4.590 min Scan# 618
Delta R.T. -0.003 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27



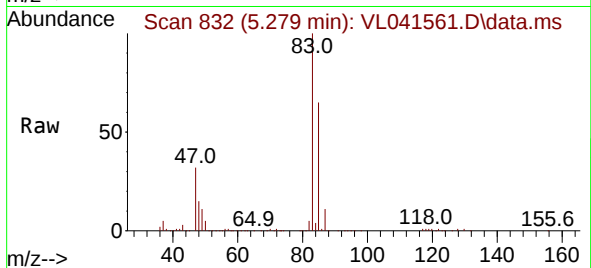
Tgt Ion: 73 Resp: 544698
Ion Ratio Lower Upper
73 100
57 23.6 18.9 28.3





#29
Chloroform
Concen: 8.239 ppbv
RT: 5.279 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

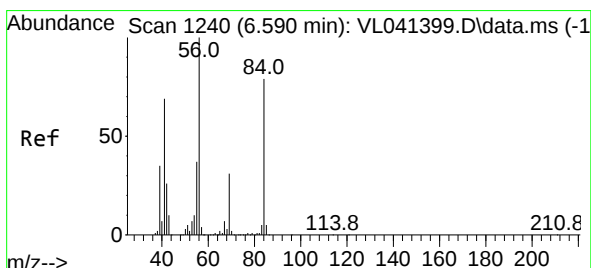
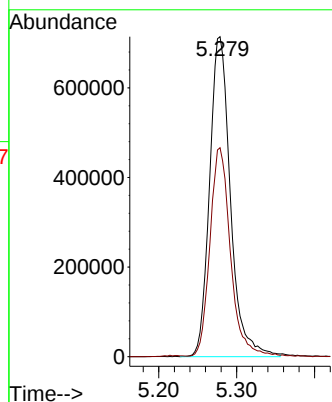
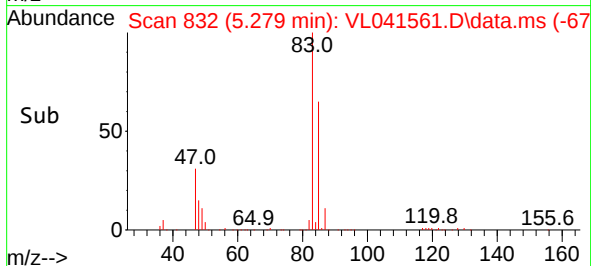
Instrument :
MSVOA_L
ClientSampleId :
VL0821ABS01



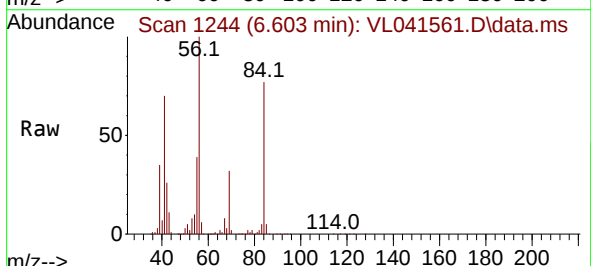
Tgt Ion: 83 Resp: 132560
Ion Ratio Lower Upper
83 100
85 65.1 53.1 79.7

Manual Integrations
APPROVED

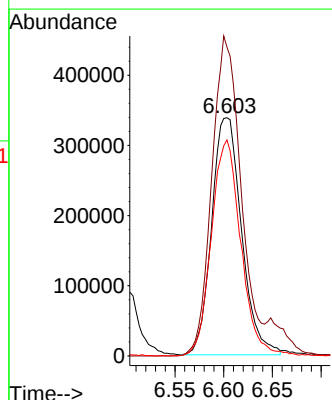
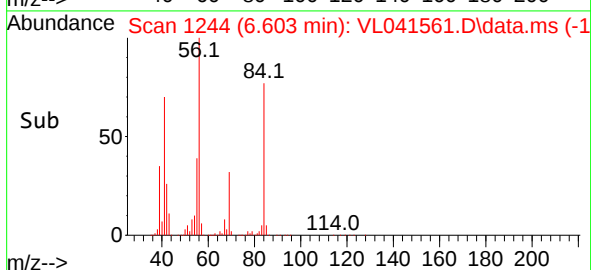
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

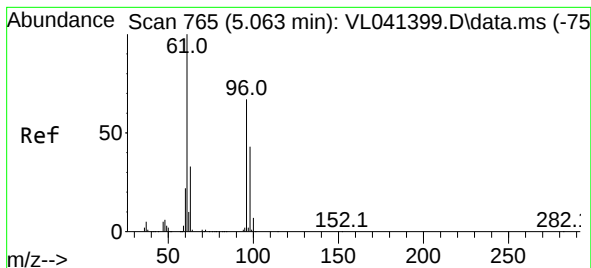


#30
Cyclohexane
Concen: 8.973 ppbv
RT: 6.603 min Scan# 1244
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27



Tgt Ion: 84 Resp: 720784
Ion Ratio Lower Upper
84 100
56 142.3 111.2 166.8
41 89.9 70.3 105.5





#31

cis-1,2-Dichloroethene

Concen: 8.523 ppbv

RT: 5.082 min Scan# 71

Delta R.T. -0.000 min

Lab File: VL041561.D

Acq: 21 Aug 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

VL0821ABS01

Tgt Ion: 61 Resp: 83059

Ion Ratio Lower Upper

61 100

96 66.8 53.4 80.2

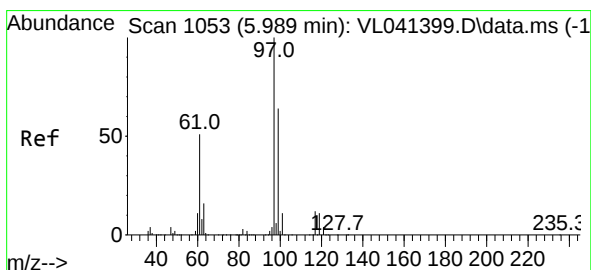
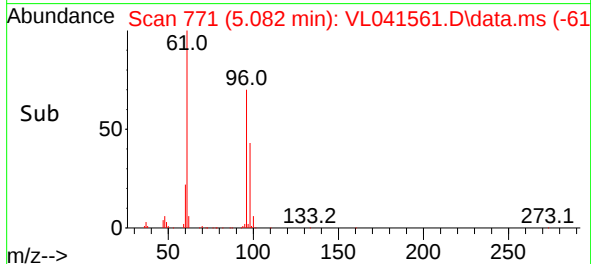
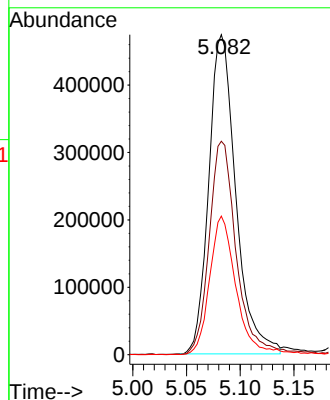
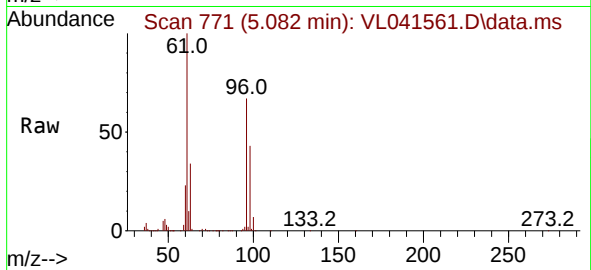
98 43.3 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024

Supervised By :Mahesh Dadoda 08/23/2024



#32

1,1,1-Trichloroethane

Concen: 8.261 ppbv

RT: 6.005 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VL041561.D

Acq: 21 Aug 2024 10:27

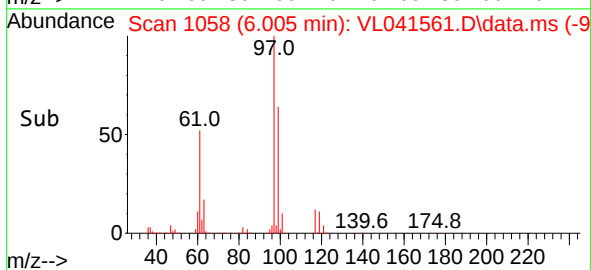
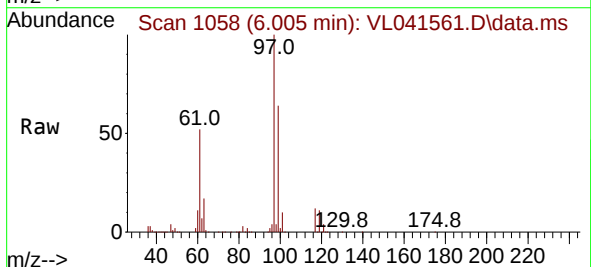
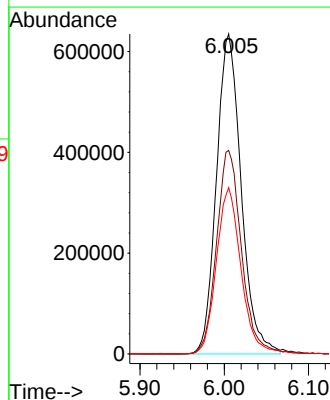
Tgt Ion: 97 Resp: 1293807

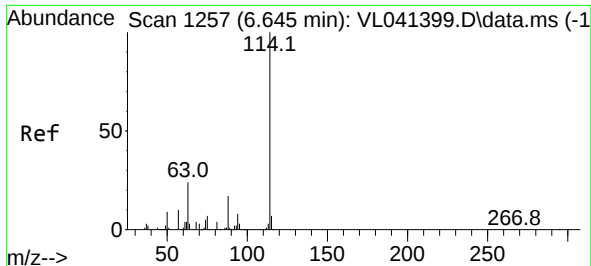
Ion Ratio Lower Upper

97 100

99 64.3 52.0 78.0

61 52.2 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 114

Delta R.T. -0.000 min

Lab File: VL041561.D

Acq: 21 Aug 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

VL0821ABS01

Tgt Ion:114 Resp: 280248

Ion Ratio Lower Upper

114 100

63 25.3 20.3 30.5

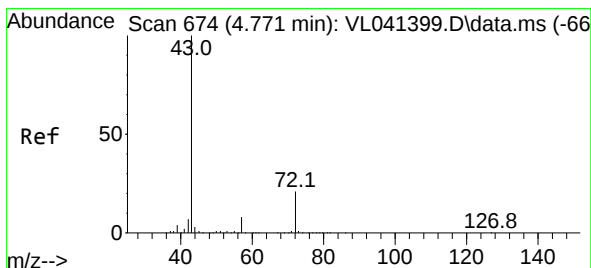
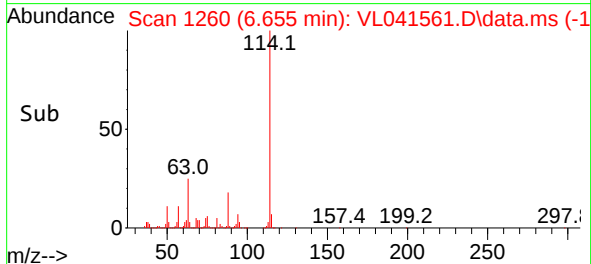
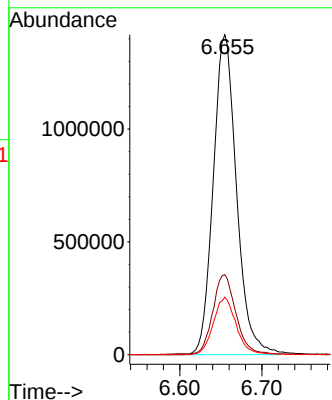
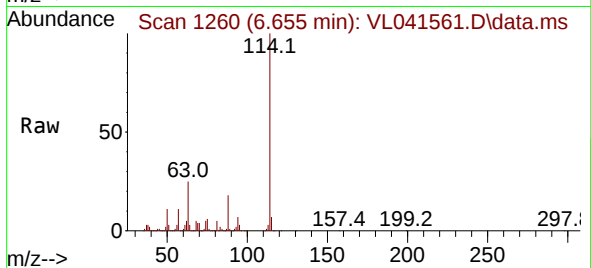
88 17.7 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024

Supervised By :Mahesh Dadoda 08/23/2024



#34

2-Butanone

Concen: 8.824 ppbv

RT: 4.793 min Scan# 681

Delta R.T. -0.000 min

Lab File: VL041561.D

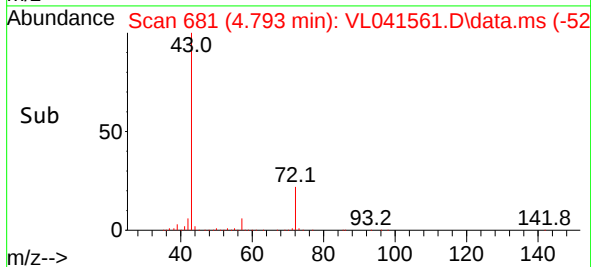
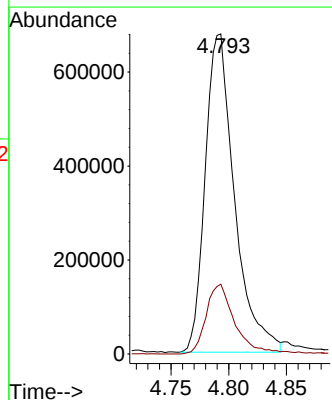
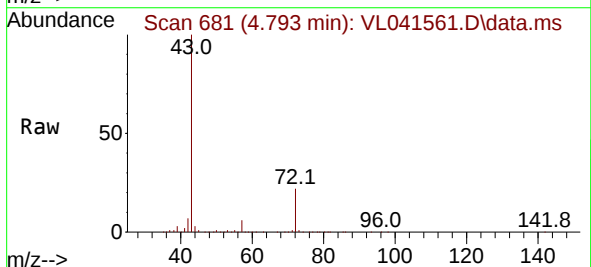
Acq: 21 Aug 2024 10:27

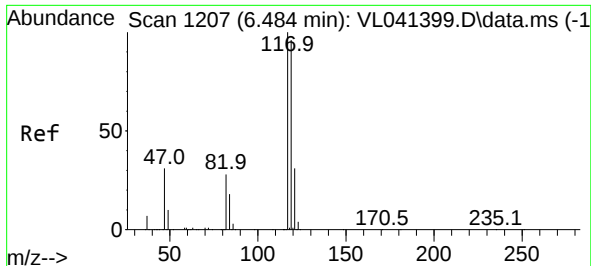
Tgt Ion: 43 Resp: 1196218

Ion Ratio Lower Upper

43 100

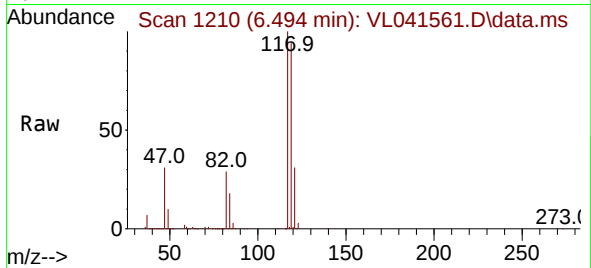
72 22.0 17.3 25.9





#35
Carbon Tetrachloride
Concen: 8.697 ppbv
RT: 6.494 min Scan# 1172
Delta R.T. -0.003 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

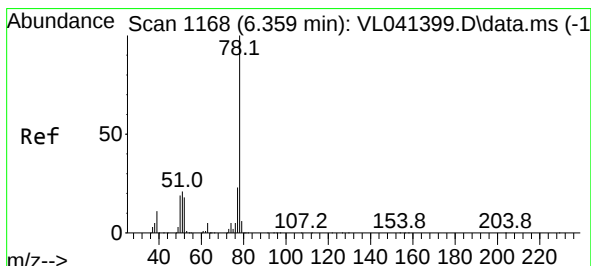
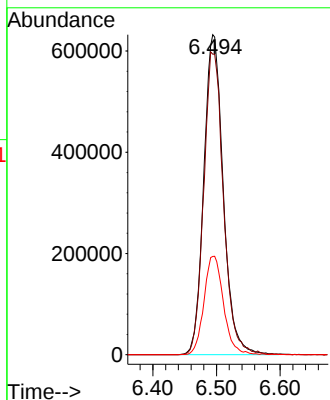
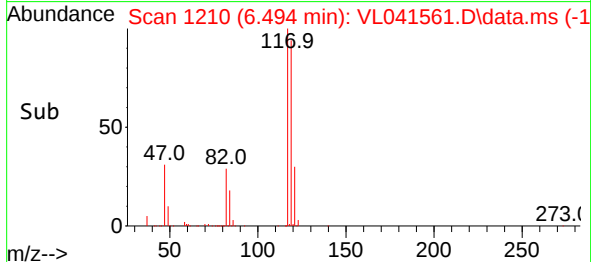
Instrument : MSVOA_L
ClientSampleId : VL0821ABS01



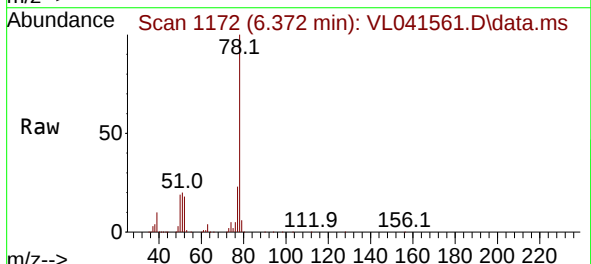
Tgt Ion:117 Resp: 1344300
Ion Ratio Lower Upper
117 100
119 93.9 76.6 115.0
121 30.7 25.1 37.7

Manual Integrations
APPROVED

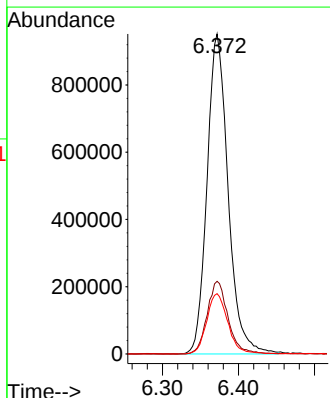
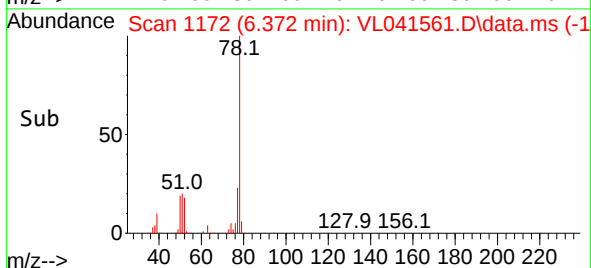
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

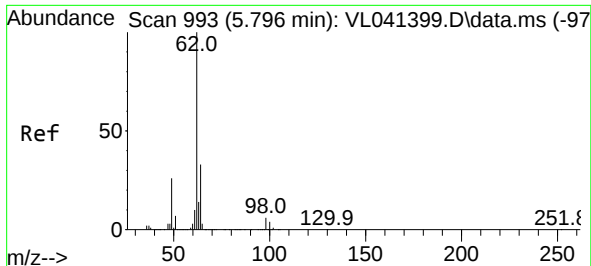


#36
Benzene
Concen: 8.951 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27



Tgt Ion: 78 Resp: 1833009
Ion Ratio Lower Upper
78 100
77 22.7 18.1 27.1
50 18.8 15.5 23.3





#37

1,2-Dichloroethane

Concen: 8.666 ppbv

RT: 5.809 min Scan# 993

Delta R.T. -0.000 min

Lab File: VL041561.D

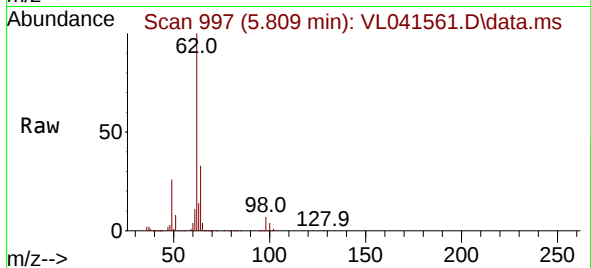
Acq: 21 Aug 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

VL0821ABS01



Tgt Ion: 62 Resp: 993240

Ion Ratio Lower Upper

62 100

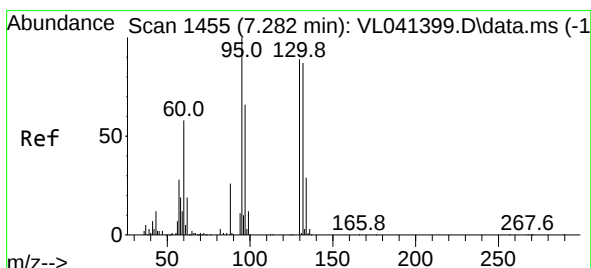
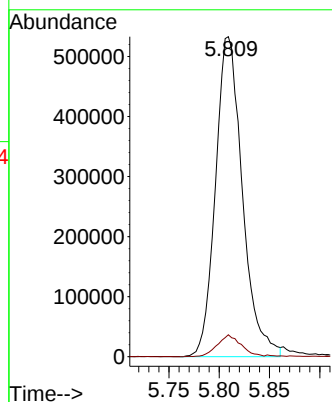
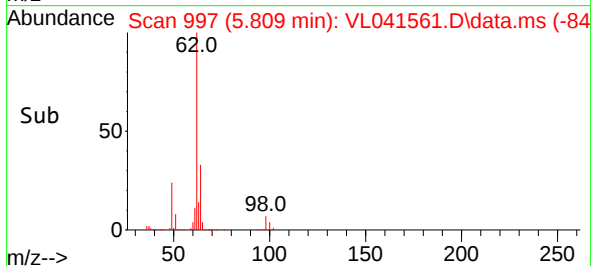
98 6.4 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024

Supervised By :Mahesh Dadoda 08/23/2024



#38

Trichloroethene

Concen: 9.548 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. -0.000 min

Lab File: VL041561.D

Acq: 21 Aug 2024 10:27

Tgt Ion:130 Resp: 895786

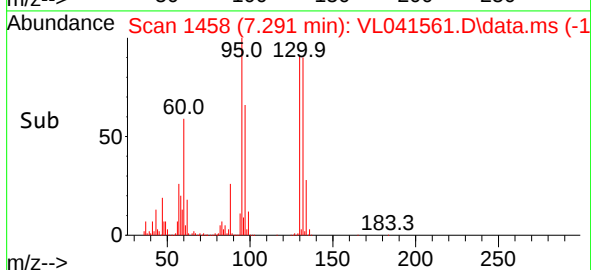
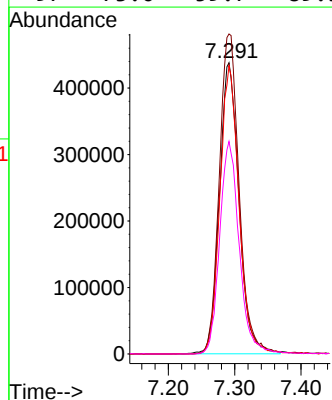
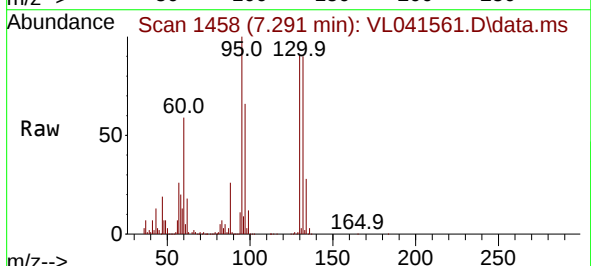
Ion Ratio Lower Upper

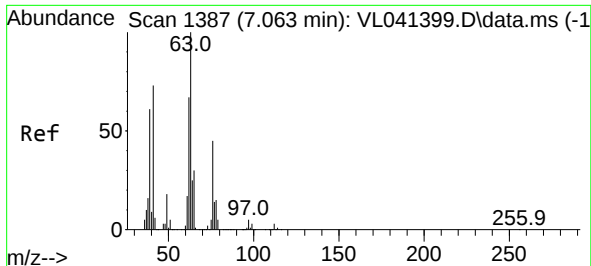
130 100

95 109.9 90.2 135.2

132 99.0 78.1 117.1

97 73.0 59.7 89.5





#39

1,2-Dichloropropane

Concen: 9.051 ppbv

RT: 7.076 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VL041561.D

Acq: 21 Aug 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

VL0821ABS01

Tgt Ion: 63 Resp: 70958

Ion Ratio Lower Upper

63 100

41 69.9 58.3 87.5

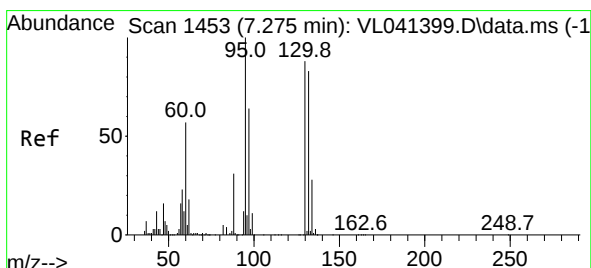
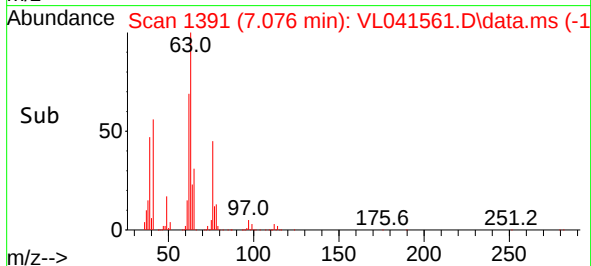
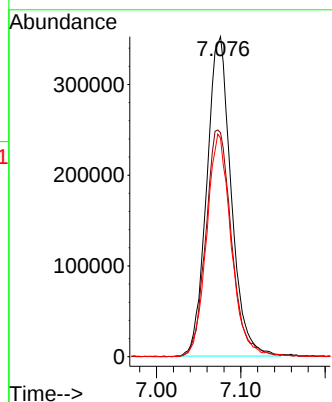
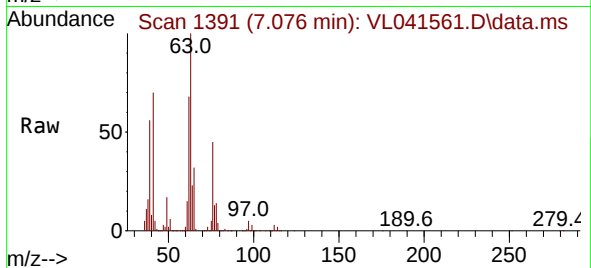
62 68.2 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024

Supervised By :Mahesh Dadoda 08/23/2024



#40

1,4-Dioxane

Concen: 9.307 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. -0.006 min

Lab File: VL041561.D

Acq: 21 Aug 2024 10:27

Tgt Ion: 88 Resp: 293125

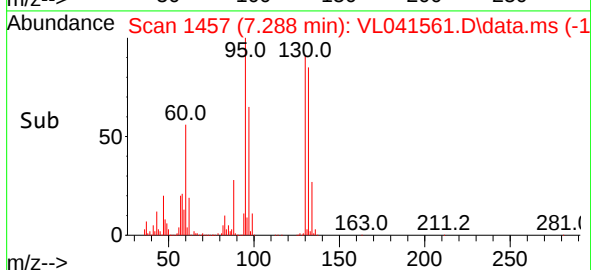
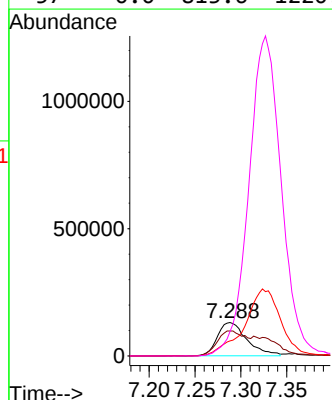
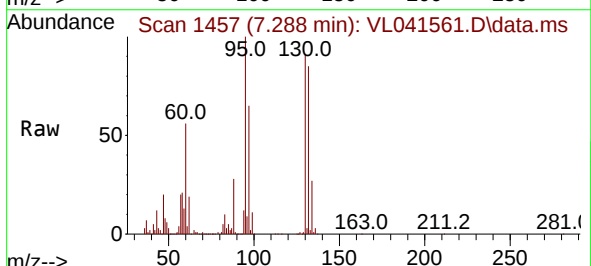
Ion Ratio Lower Upper

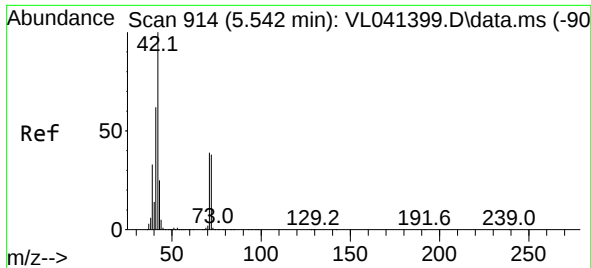
88 100

58 125.4 95.8 143.6

43 0.0 188.2 282.2#

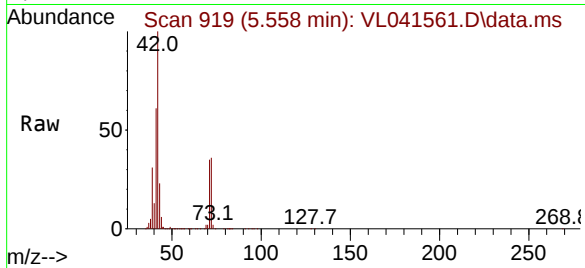
57 0.0 813.6 1220.4#





#41
Tetrahydrofuran
Concen: 9.946 ppbv
RT: 5.558 min Scan# 914
Delta R.T. -0.003 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

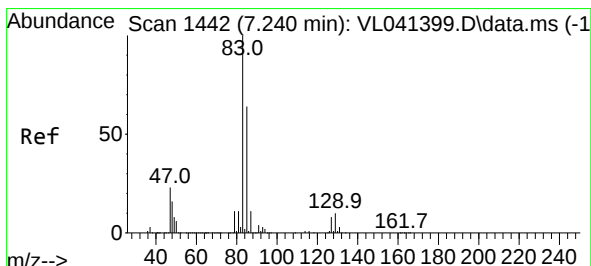
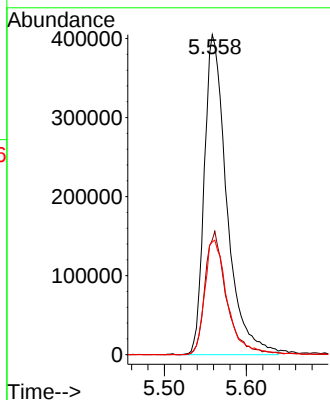
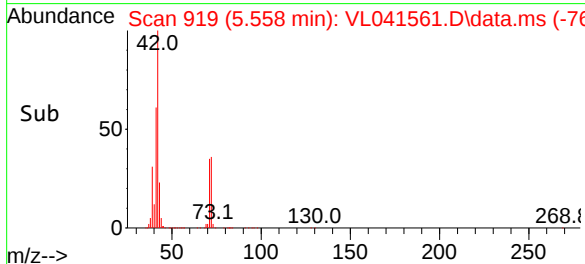
Instrument :
MSVOA_L
ClientSampleId :
VL0821ABS01



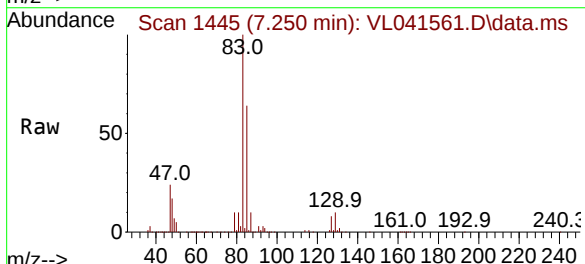
Tgt Ion: 42 Resp: 771139
Ion Ratio Lower Upper
42 100
72 37.2 31.2 46.8
71 36.6 30.5 45.7

Manual Integrations
APPROVED

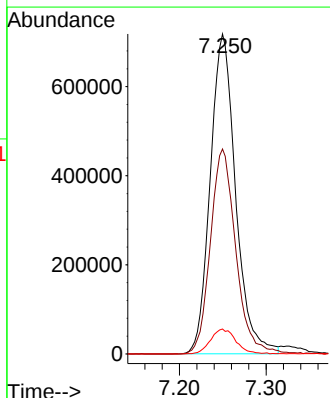
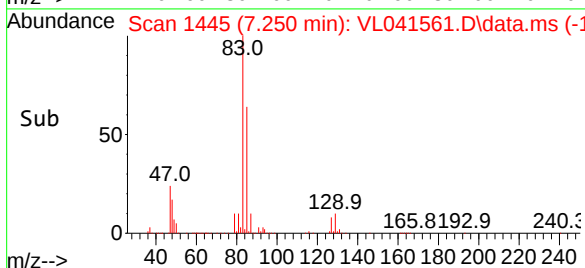
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

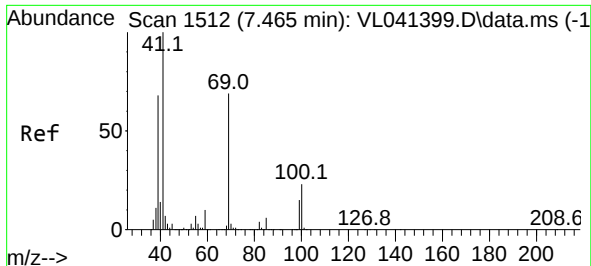


#42
Bromodichloromethane
Concen: 8.834 ppbv
RT: 7.250 min Scan# 1445
Delta R.T. -0.003 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27



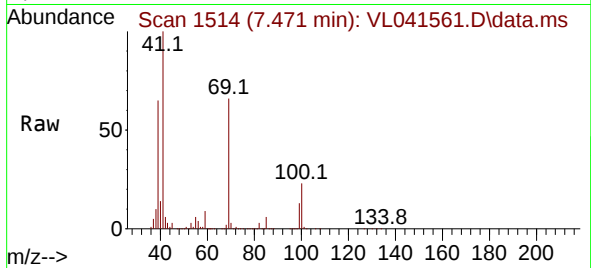
Tgt Ion: 83 Resp: 1461993
Ion Ratio Lower Upper
83 100
85 64.1 51.4 77.0
127 7.8 6.7 10.1





#43
Methyl Methacrylate
Concen: 9.761 ppbv
RT: 7.471 min Scan# 1514
Delta R.T. -0.003 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

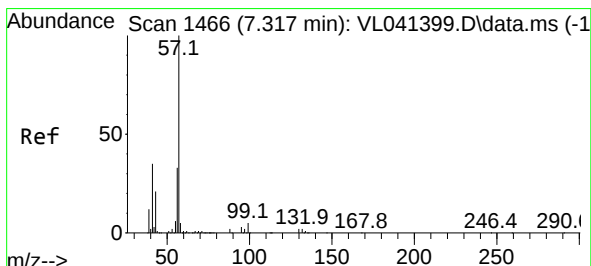
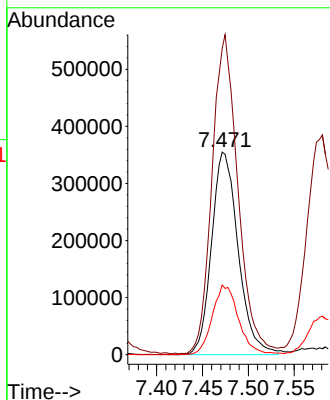
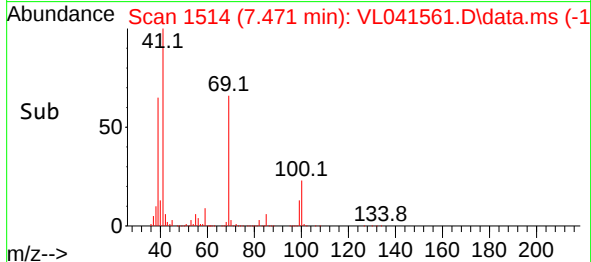
Instrument :
MSVOA_L
ClientSampleId :
VL0821ABS01



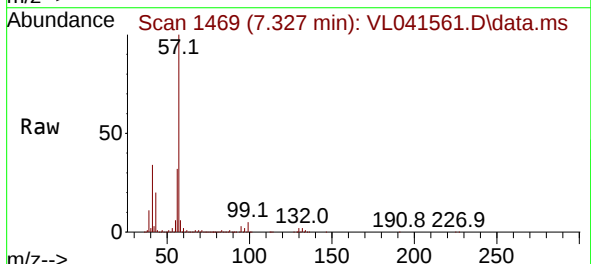
Tgt Ion: 69 Resp: 71675
Ion Ratio Lower Upper
69 100
41 154.2 118.7 178.1
100 33.8 27.0 40.4

Manual Integrations
APPROVED

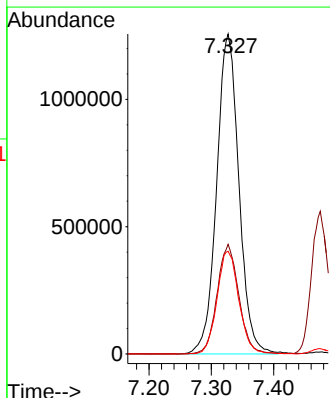
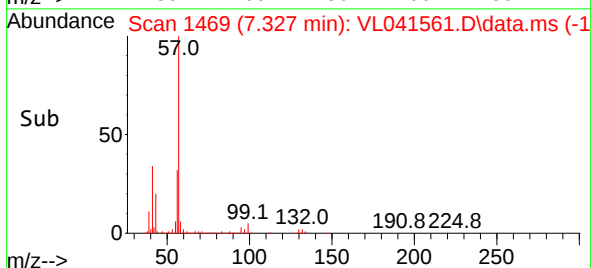
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

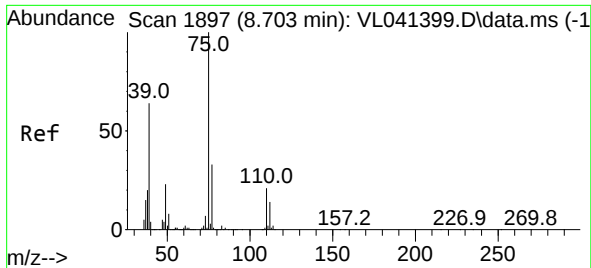


#44
2,2,4-Trimethylpentane
Concen: 9.107 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27



Tgt Ion: 57 Resp: 3114819
Ion Ratio Lower Upper
57 100
41 33.4 27.0 40.6
56 31.6 25.2 37.8





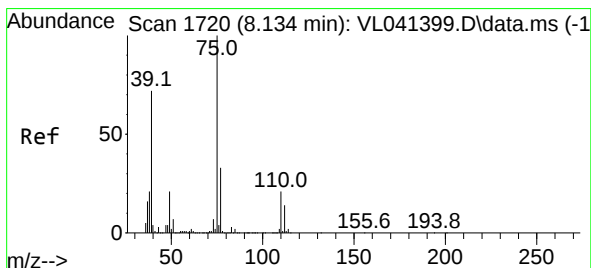
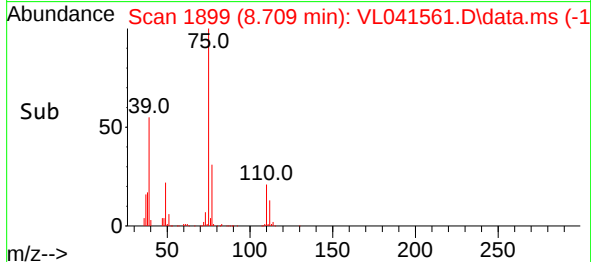
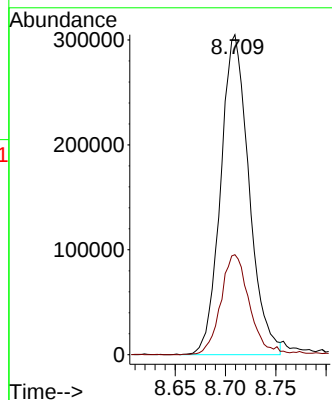
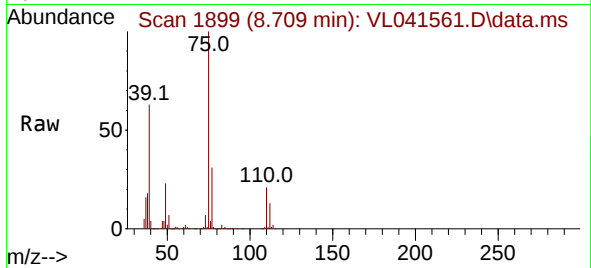
#45
 t-1,3-Dichloropropene
 Concen: 8.860 ppbv
 RT: 8.709 min Scan# 1897
 Delta R.T. -0.003 min
 Lab File: VL041561.D
 Acq: 21 Aug 2024 10:27

Instrument : MSVOA_L
 ClientSampleId : VL0821ABS01

Tgt Ion: 75 Resp: 59885
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.5 39.7

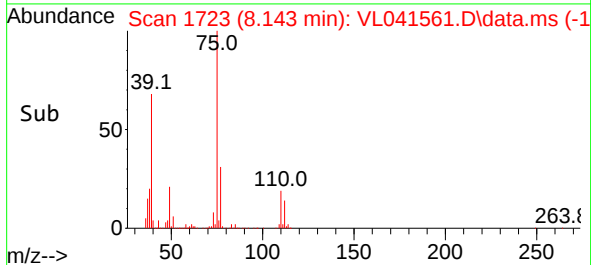
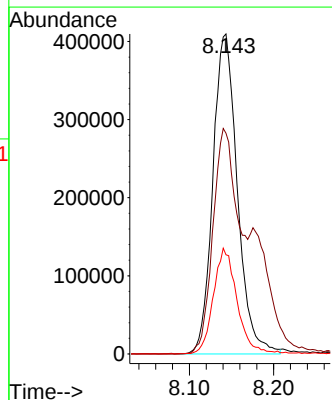
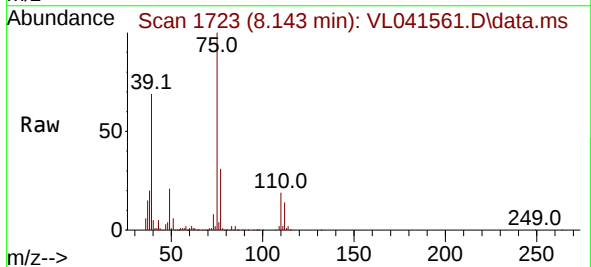
Manual Integrations
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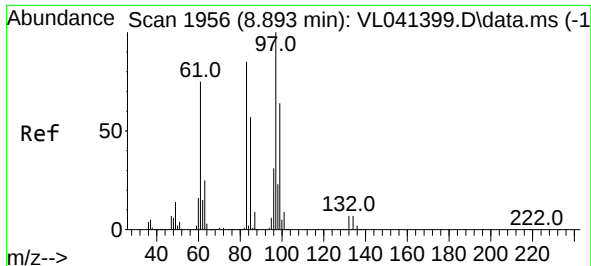
Reviewed By :Semsettin Yesilyurt 08/23/2024
 Supervised By :Mahesh Dadoda 08/23/2024



#46
 cis-1,3-Dichloropropene
 Concen: 8.469 ppbv
 RT: 8.143 min Scan# 1723
 Delta R.T. -0.000 min
 Lab File: VL041561.D
 Acq: 21 Aug 2024 10:27

Tgt Ion: 75 Resp: 826618
 Ion Ratio Lower Upper
 75 100
 39 68.9 57.3 85.9
 77 31.0 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 8.837 ppbv

RT: 8.896 min Scan# 1956

Delta R.T. -0.003 min

Lab File: VL041561.D

Acq: 21 Aug 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

VL0821ABS01

Tgt Ion: 97 Resp: 76369

Ion Ratio Lower Upper

97 100

83 88.4 67.6 101.4

85 53.4 45.9 68.9

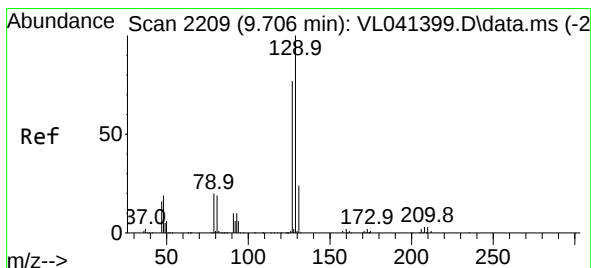
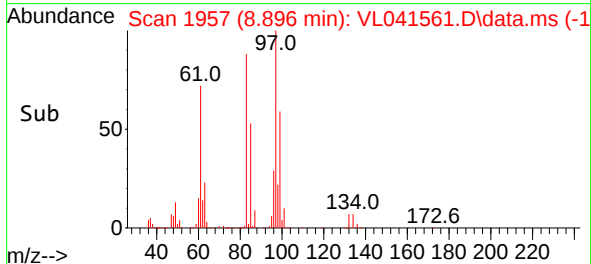
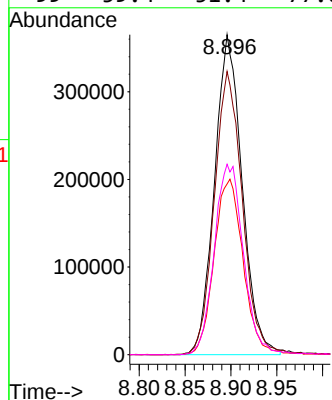
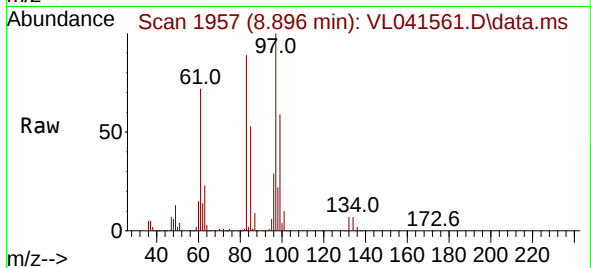
99 59.4 51.4 77.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/23/2024

Supervised By :Mahesh Dadoda 08/23/2024



#48

Dibromochloromethane

Concen: 9.191 ppbv

RT: 9.706 min Scan# 2209

Delta R.T. -0.006 min

Lab File: VL041561.D

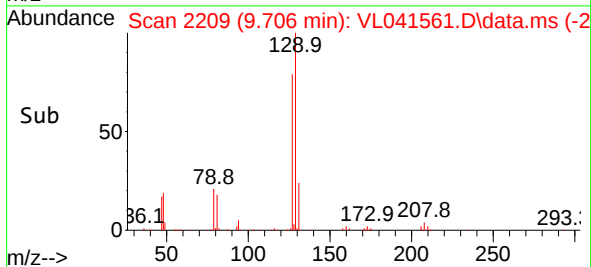
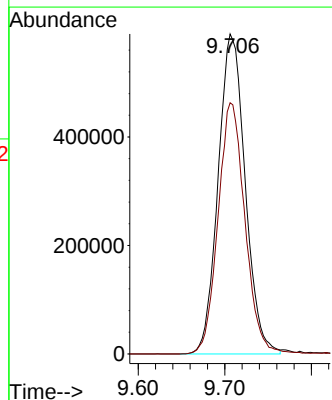
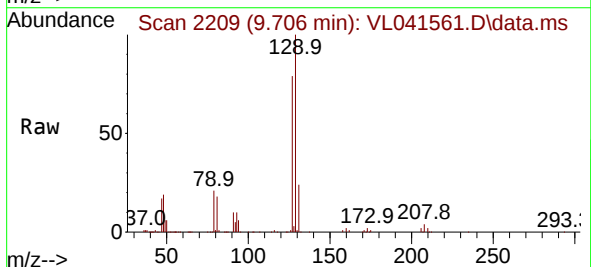
Acq: 21 Aug 2024 10:27

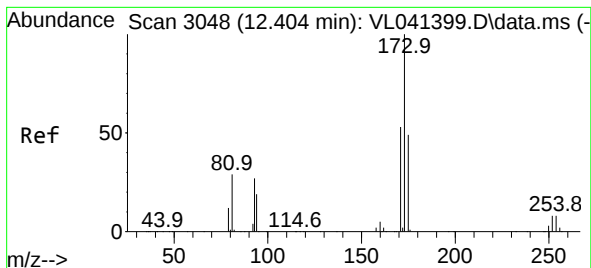
Tgt Ion:129 Resp: 1279552

Ion Ratio Lower Upper

129 100

127 78.3 39.3 117.8





#49

Bromoform

Concen: 10.066 ppbv

RT: 12.400 min Scan# 3048

Delta R.T. -0.006 min

Lab File: VL041561.D

Acq: 21 Aug 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

VL0821ABS01

Tgt Ion:173 Resp: 1183780

Ion Ratio Lower Upper

173 100

175 50.0 39.9 59.9

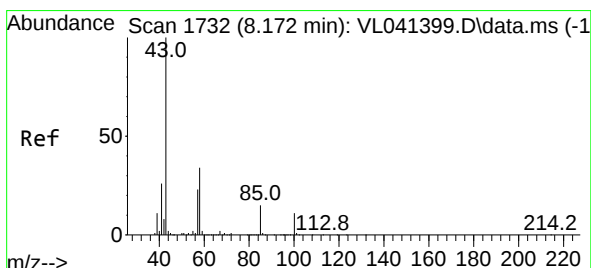
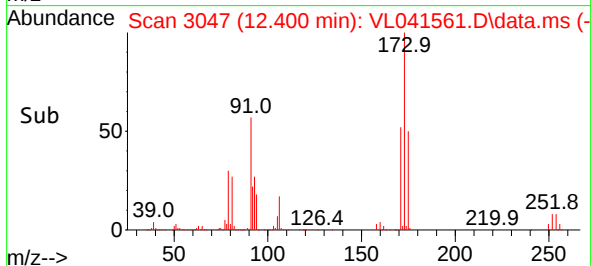
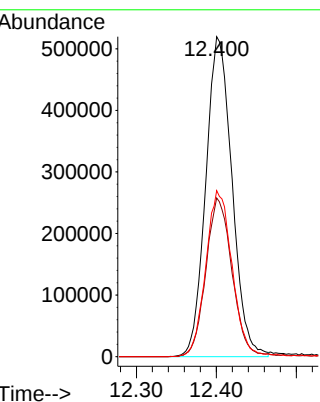
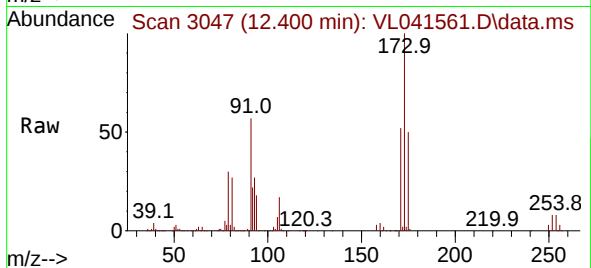
171 52.3 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024

Supervised By :Mahesh Dadoda 08/23/2024



#50

4-Methyl-2-Pentanone

Concen: 9.631 ppbv

RT: 8.179 min Scan# 1734

Delta R.T. -0.003 min

Lab File: VL041561.D

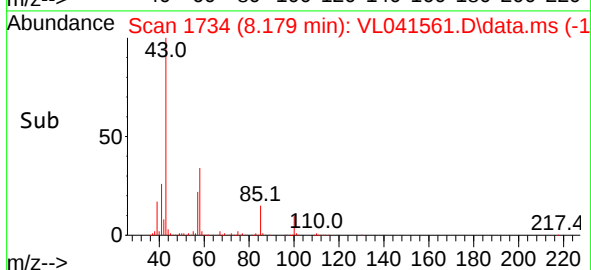
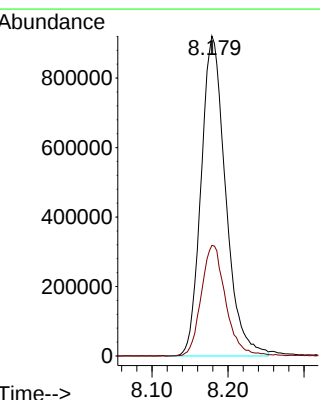
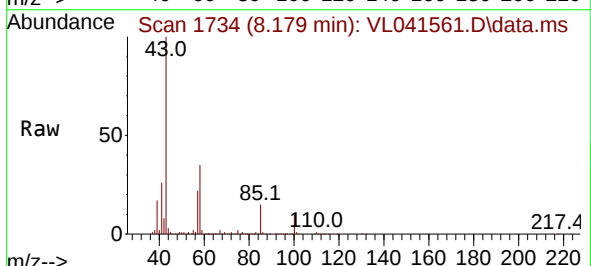
Acq: 21 Aug 2024 10:27

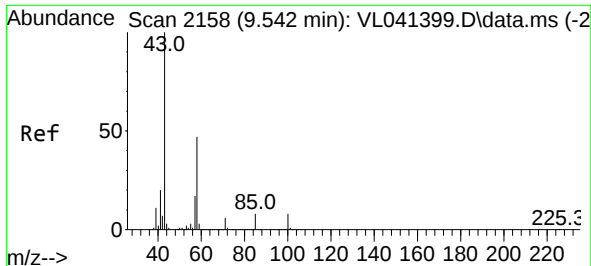
Tgt Ion: 43 Resp: 2059991

Ion Ratio Lower Upper

43 100

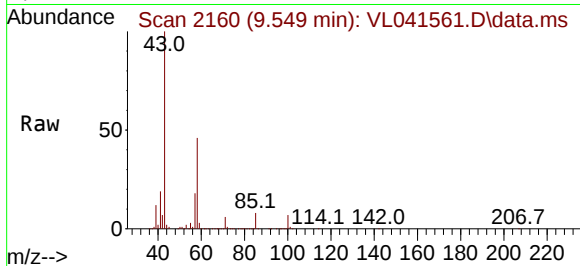
58 34.7 27.9 41.9





#51
2-Hexanone
Concen: 10.143 ppbv
RT: 9.549 min Scan# 2158
Delta R.T. -0.003 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

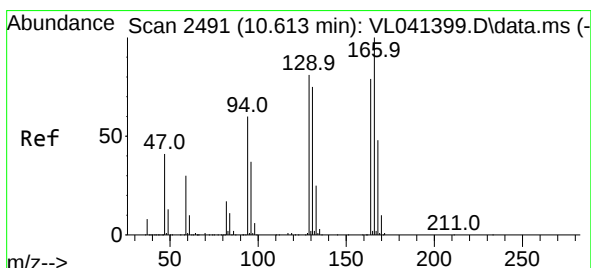
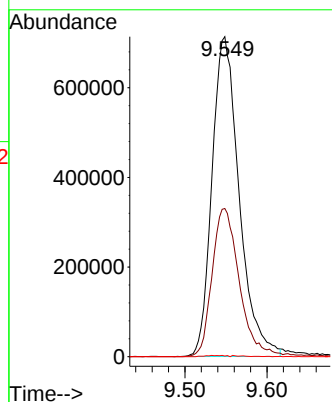
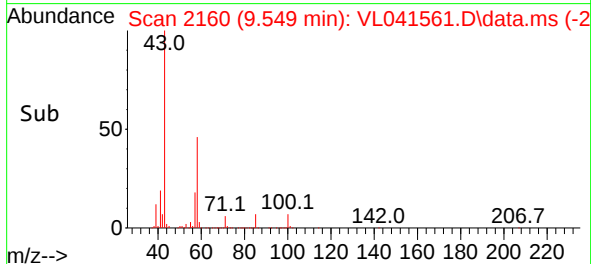
Instrument : MSVOA_L
ClientSampleId : VL0821ABS01



Tgt Ion: 43 Resp: 164036
Ion Ratio Lower Upper
43 100
58 47.1 38.2 57.2
98 0.5 0.3 0.5

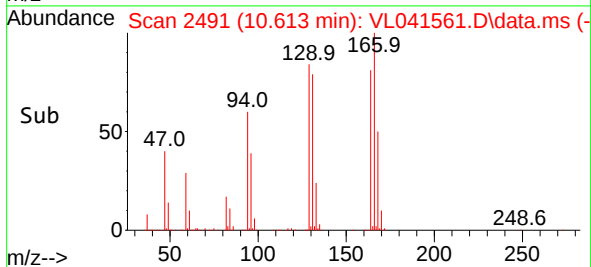
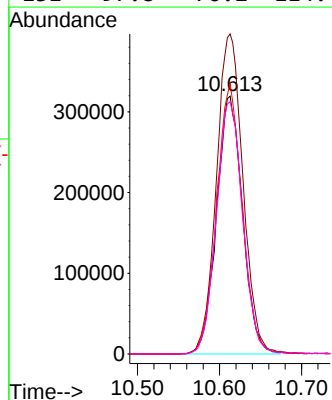
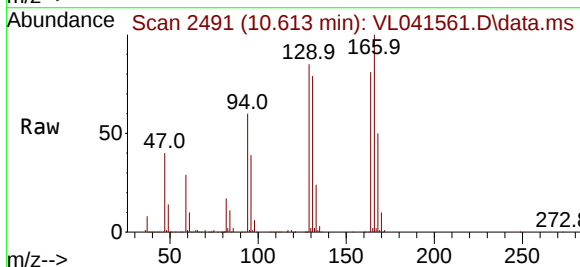
Manual Integrations
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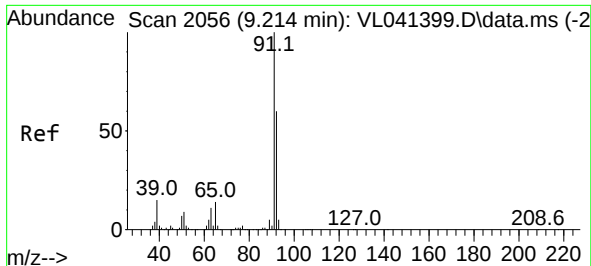
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#52
Tetrachloroethene
Concen: 8.869 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. -0.003 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

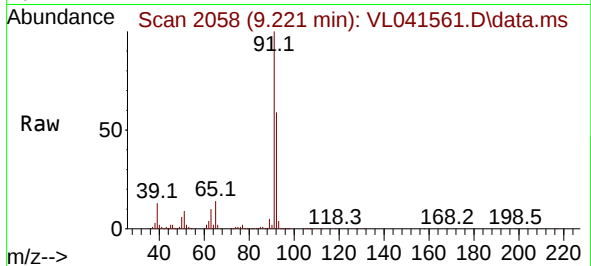
Tgt Ion:164 Resp: 701733
Ion Ratio Lower Upper
164 100
166 124.1 101.1 151.7
129 104.9 81.7 122.5
131 97.8 76.2 114.4





#53
Toluene
Concen: 9.387 ppbv
RT: 9.221 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

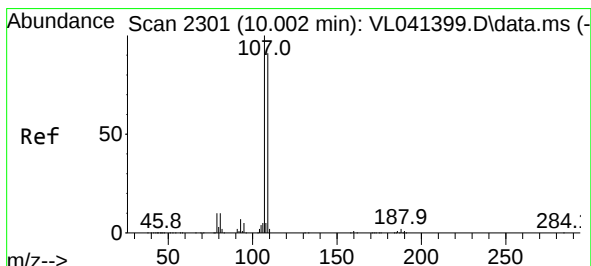
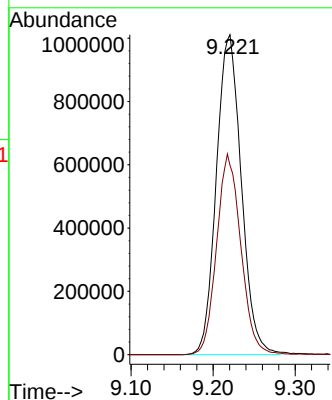
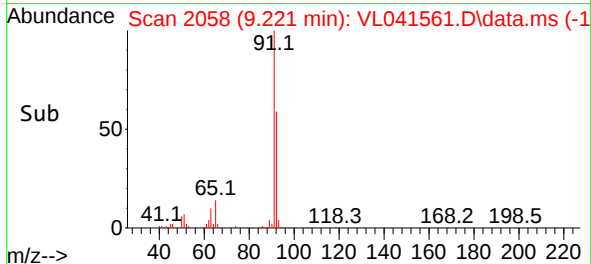
Instrument :
MSVOA_L
ClientSampleId :
VL0821ABS01



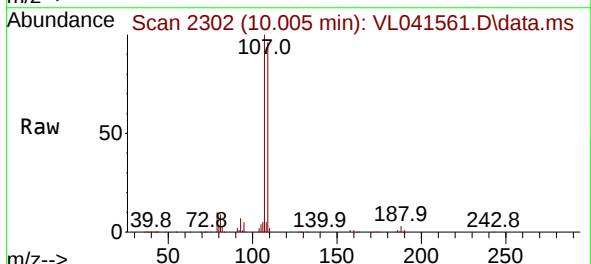
Tgt Ion: 91 Resp: 214114
Ion Ratio Lower Upper
91 100
92 61.1 48.7 73.1

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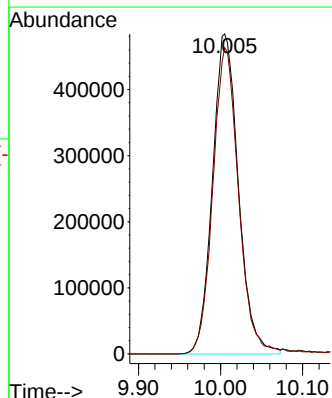
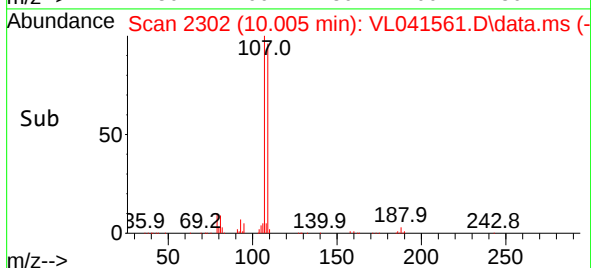
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

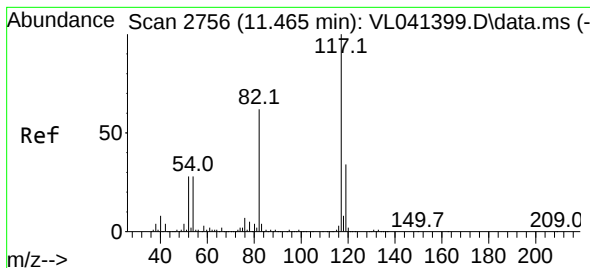


#54
1,2-Dibromoethane
Concen: 9.269 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27



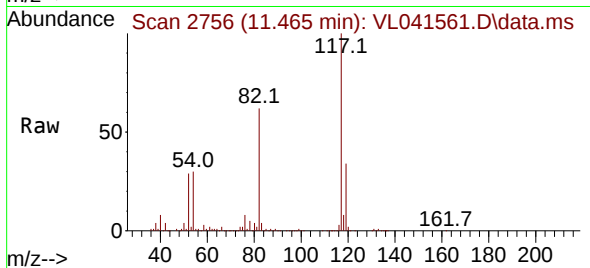
Tgt Ion:107 Resp: 1066187
Ion Ratio Lower Upper
107 100
109 95.6 72.7 109.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.465 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

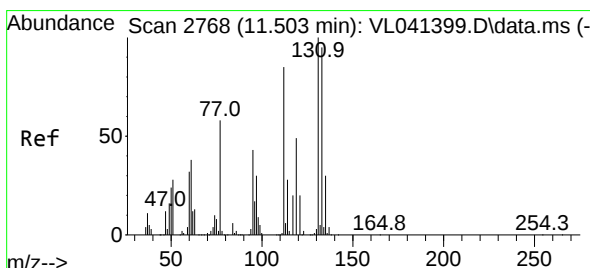
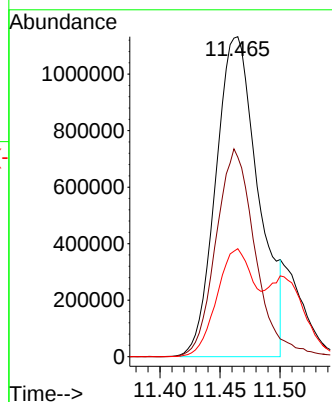
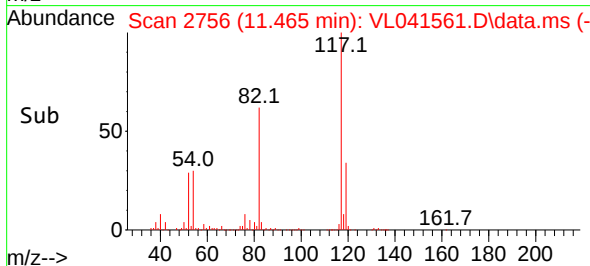
Instrument :
MSVOA_L
ClientSampleId :
VL0821ABS01



Tgt Ion:117 Resp: 279986
Ion Ratio Lower Upper
117 100
82 60.7 51.0 76.6
119 29.6 45.2 67.8

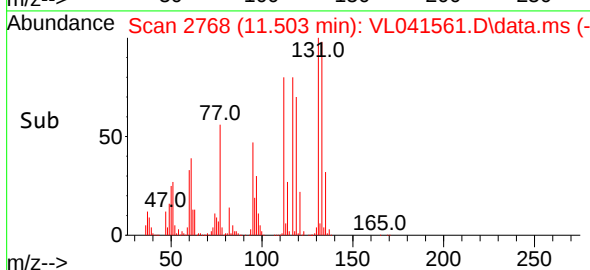
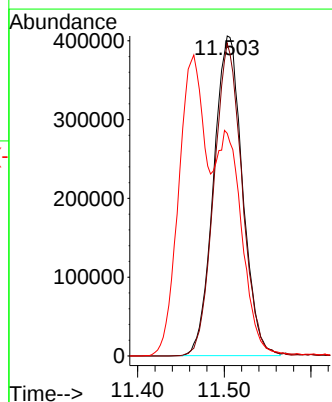
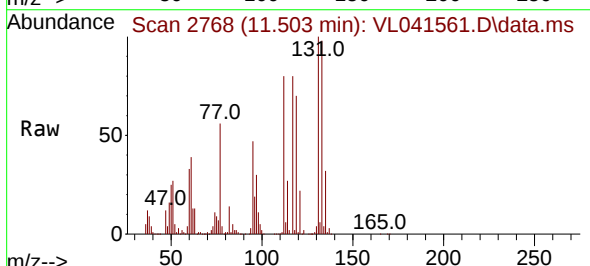
Manual Integrations
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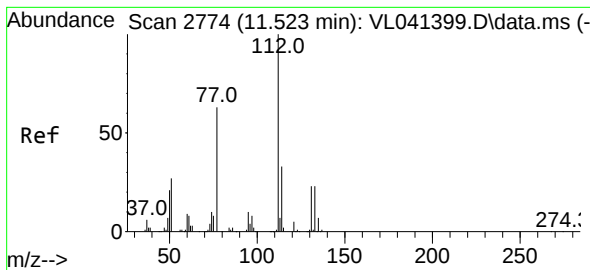
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 8.667 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. -0.006 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

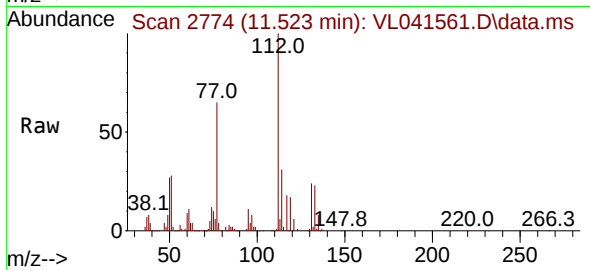
Tgt Ion:131 Resp: 941130
Ion Ratio Lower Upper
131 100
133 95.5 77.0 115.4
119 56.5 121.5 182.3





#57
Chlorobenzene
Concen: 8.596 ppbv
RT: 11.523 min Scan# 2774
Delta R.T. -0.003 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

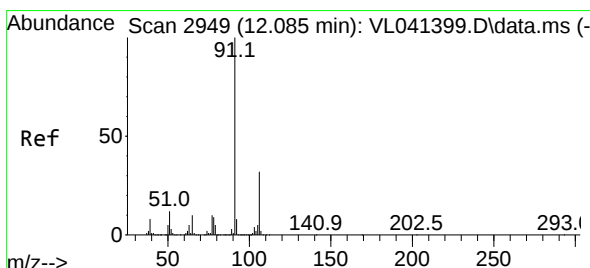
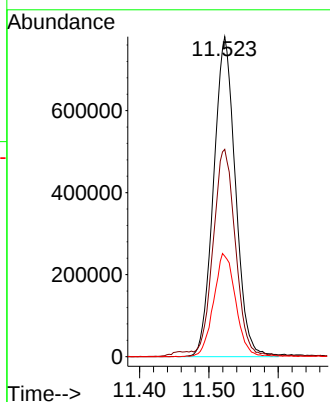
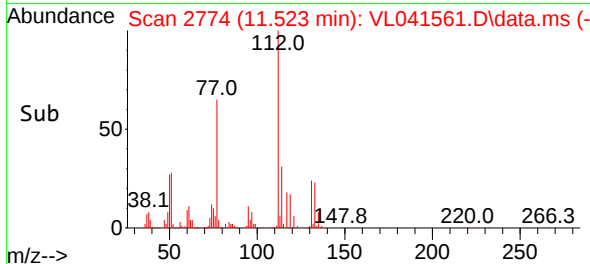
Instrument :
MSVOA_L
ClientSampleId :
VL0821ABS01



Tgt Ion: 112 Resp: 171360
Ion Ratio Lower Upper
112 100
77 64.3 51.1 76.7
114 31.3 29.5 36.1

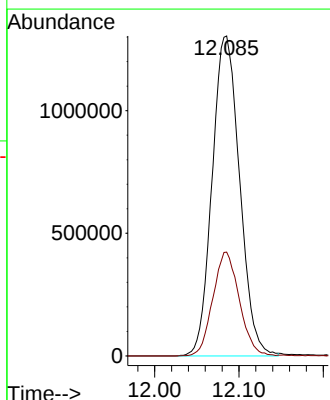
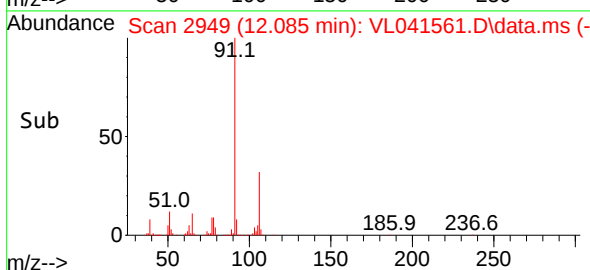
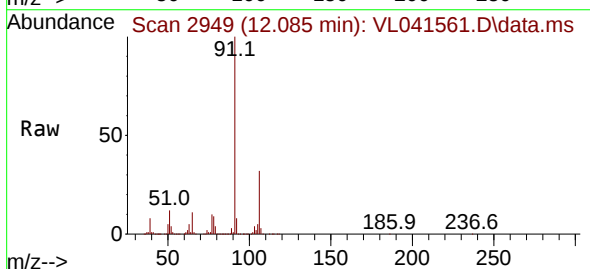
Manual Integrations
APPROVED

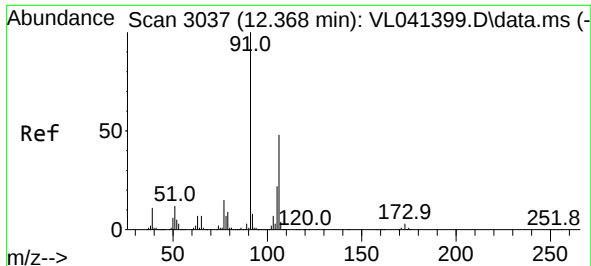
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#58
Ethyl Benzene
Concen: 9.159 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

Tgt Ion: 91 Resp: 2955668
Ion Ratio Lower Upper
91 100
106 32.4 25.8 38.8





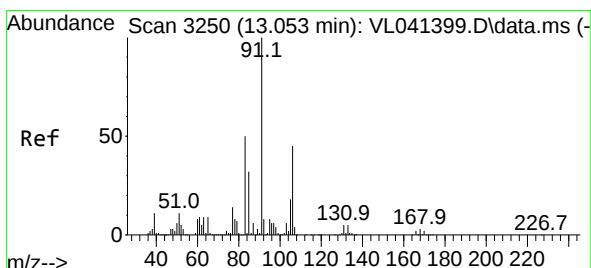
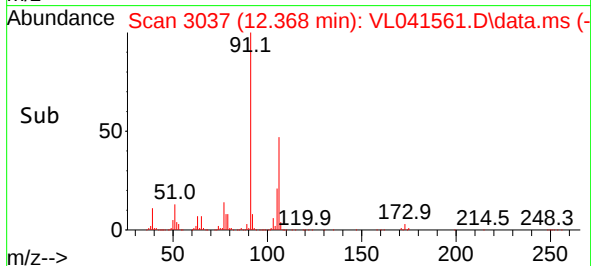
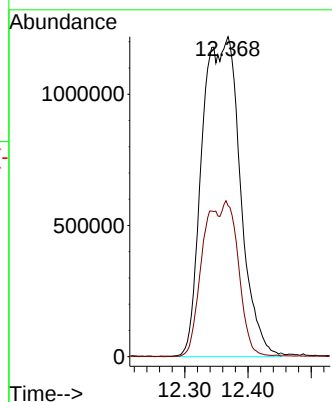
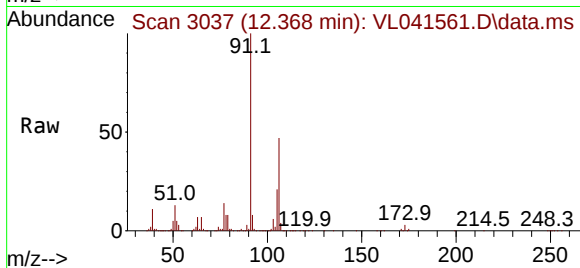
#59
m/p-Xylene
Concen: 18.215 ppbv m
RT: 12.368 min Scan# 3037
Delta R.T. -0.003 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

Instrument :
MSVOA_L
ClientSampleId :
VL0821ABS01

Tgt Ion: 91 Resp: 5074549
Ion Ratio Lower Upper
91 100
106 45.5 36.3 54.5

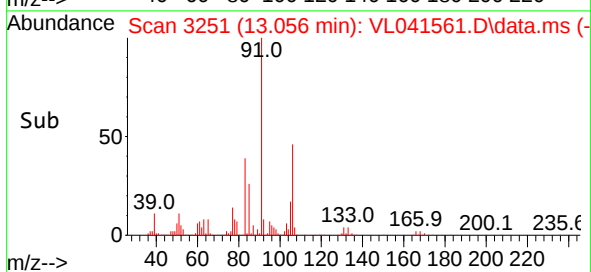
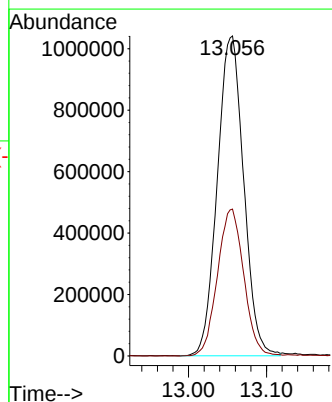
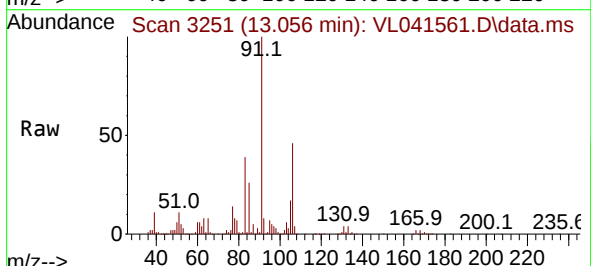
Manual Integrations
APPROVED

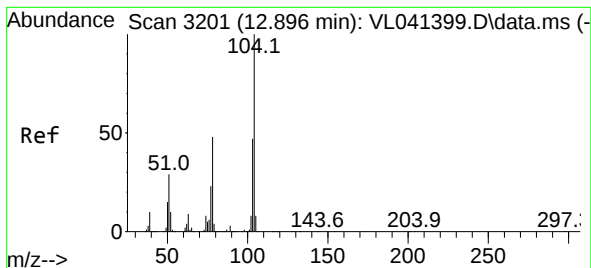
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#60
o-Xylene
Concen: 9.285 ppbv
RT: 13.056 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

Tgt Ion: 91 Resp: 2446970
Ion Ratio Lower Upper
91 100
106 46.4 23.1 69.3





#61

Styrene

Concen: 10.082 ppbv

RT: 12.896 min Scan# 31

Delta R.T. -0.000 min

Lab File: VL041561.D

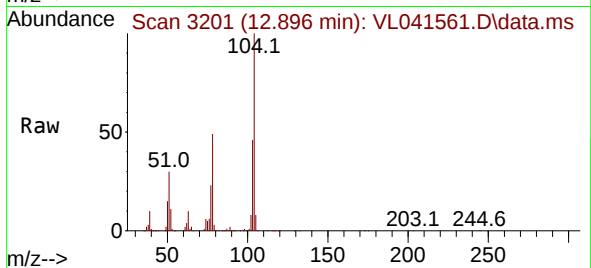
Acq: 21 Aug 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

VL0821ABS01



Tgt Ion:104 Resp: 119862

Ion Ratio Lower Upper

104 100

78 50.2 40.8 61.2

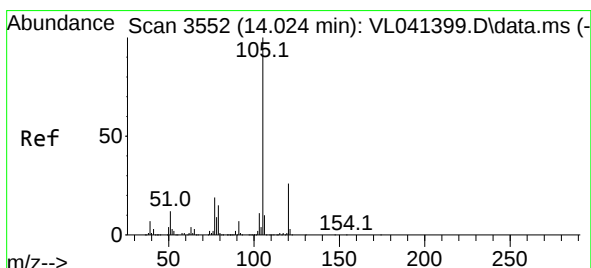
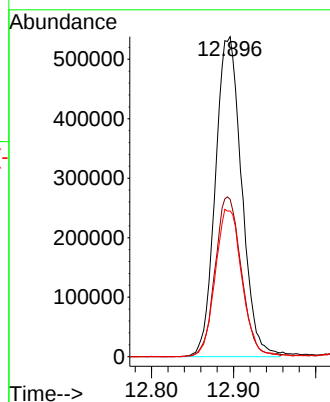
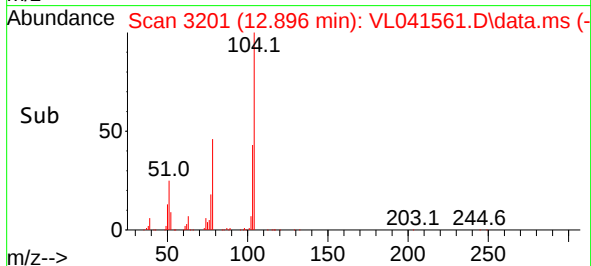
103 47.1 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024

Supervised By :Mahesh Dadoda 08/23/2024



#62

Isopropylbenzene

Concen: 8.998 ppbv

RT: 14.024 min Scan# 3552

Delta R.T. -0.003 min

Lab File: VL041561.D

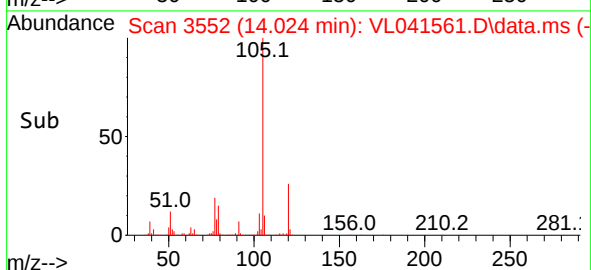
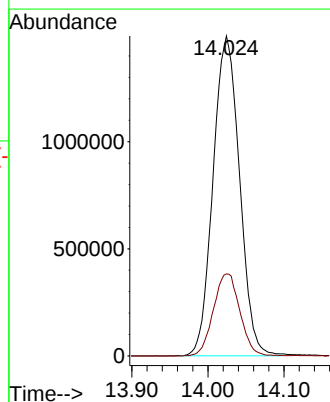
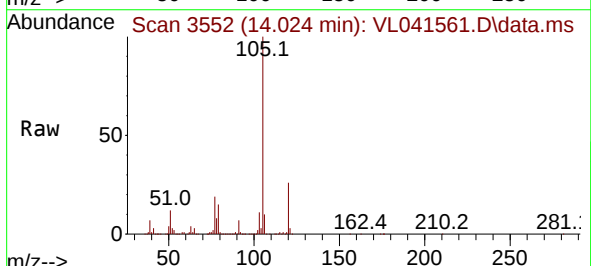
Acq: 21 Aug 2024 10:27

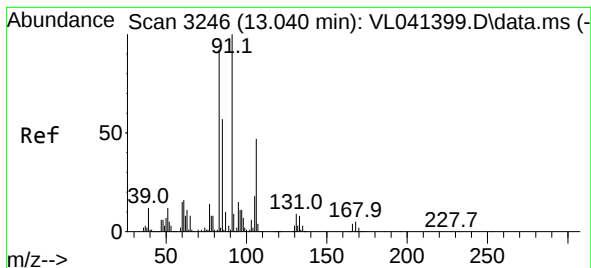
Tgt Ion:105 Resp: 3604735

Ion Ratio Lower Upper

105 100

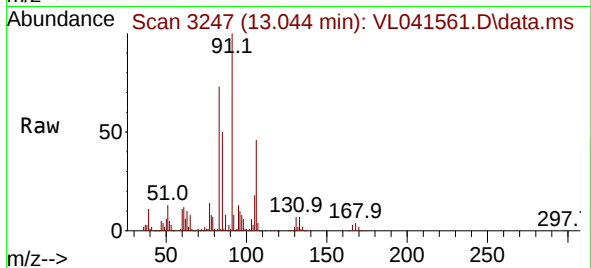
120 25.9 21.0 31.4





#63
1,1,2,2-Tetrachloroethane
Concen: 8.875 ppbv
RT: 13.044 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

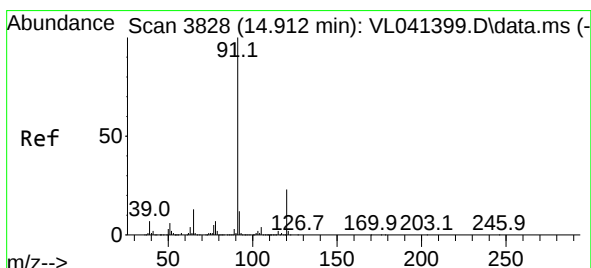
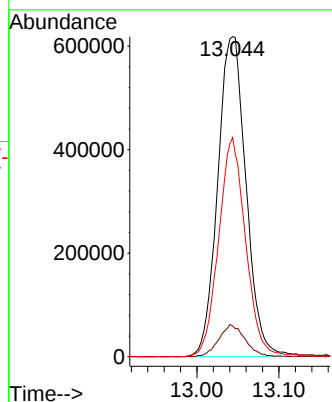
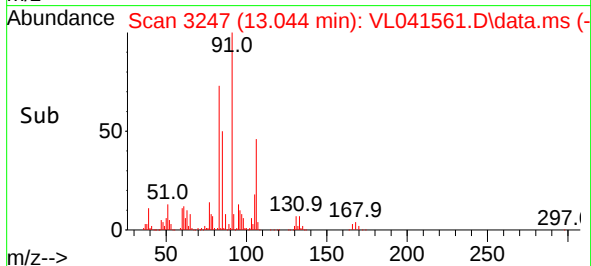
Instrument :
MSVOA_L
ClientSampleId :
VL0821ABS01



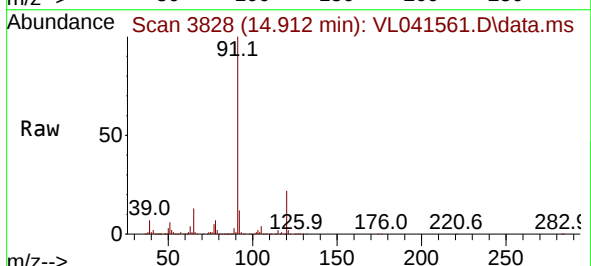
Tgt Ion: 83 Resp: 147699
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 66.1 32.6 98.0

Manual Integrations
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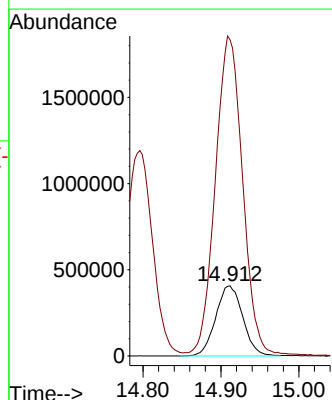
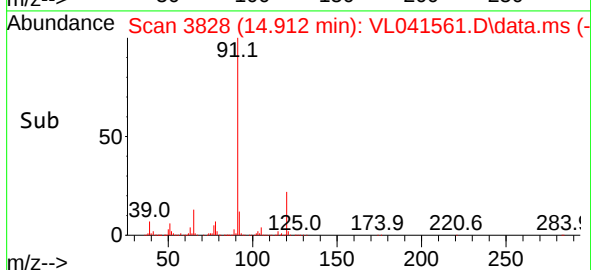
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

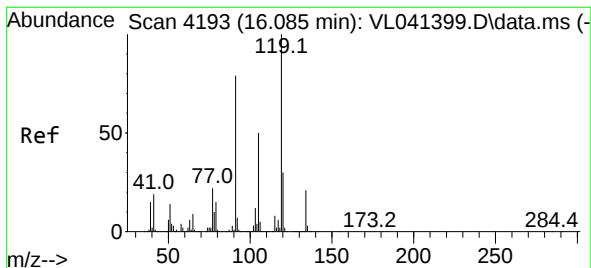


#64
n-propylbenzene
Concen: 9.378 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. -0.003 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27



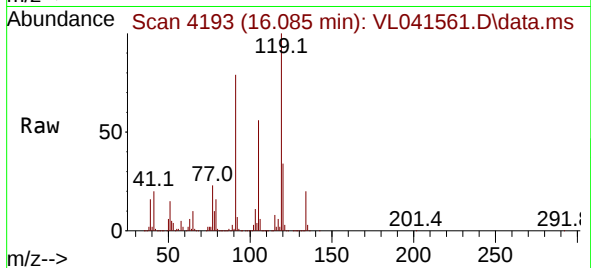
Tgt Ion:120 Resp: 982208
Ion Ratio Lower Upper
120 100
91 462.2 361.4 542.0





#65
tert-Butylbenzene
Concen: 9.364 ppbv
RT: 16.085 min Scan# 4193
Delta R.T. -0.003 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

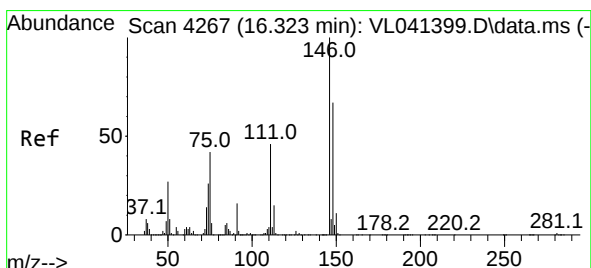
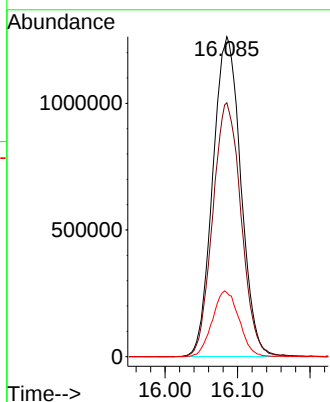
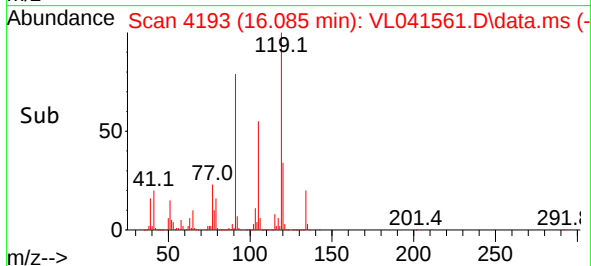
Instrument :
MSVOA_L
ClientSampleId :
VL0821ABS01



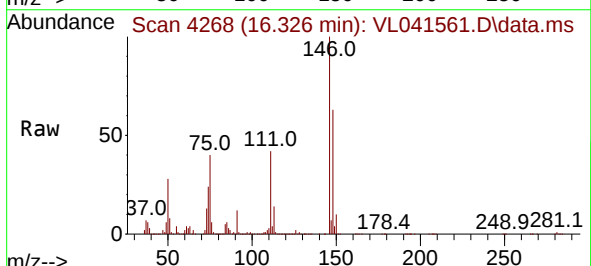
Tgt Ion: 119 Resp: 338850
Ion Ratio Lower Upper
119 100
91 80.5 64.2 96.2
134 19.7 15.7 23.5

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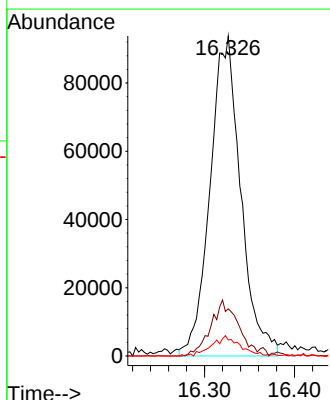
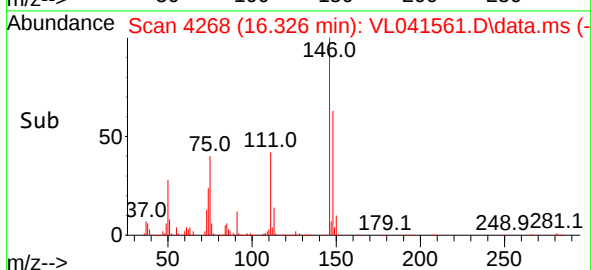
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

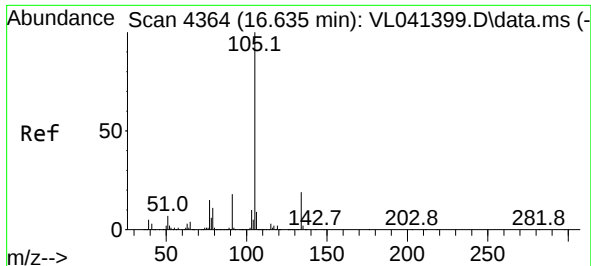


#66
Benzyl Chloride
Concen: 9.538 ppbv m
RT: 16.326 min Scan# 4268
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27



Tgt Ion: 91 Resp: 221380
Ion Ratio Lower Upper
91 100
126 16.6 13.8 20.8
128 6.0 4.4 6.6





#67

sec-Butylbenzene

Concen: 9.703 ppbv

RT: 16.632 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041561.D

Acq: 21 Aug 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

VL0821ABS01

Tgt Ion:105 Resp: 483765

Ion Ratio Lower Upper

105 100

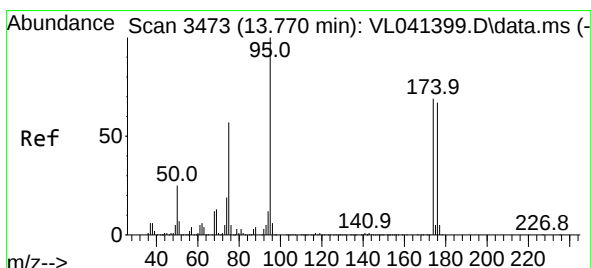
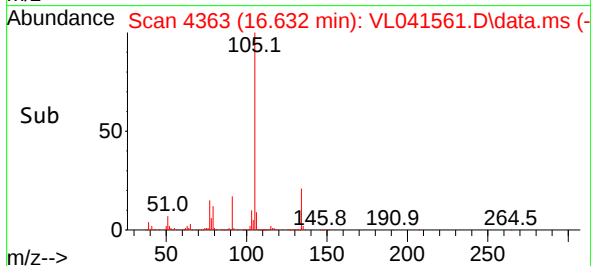
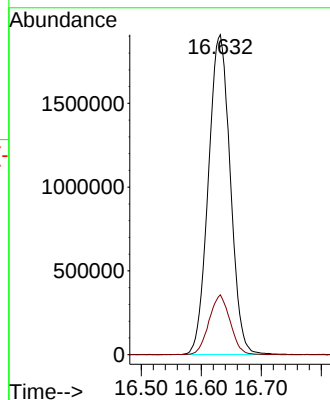
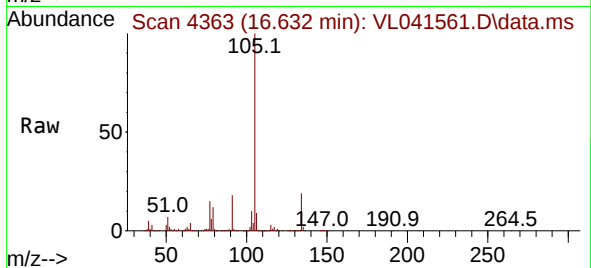
134 18.1 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024

Supervised By :Mahesh Dadoda 08/23/2024



#68

1-Bromo-4-Fluorobenzene

Concen: 9.654 ppbv

RT: 13.767 min Scan# 3472

Delta R.T. -0.006 min

Lab File: VL041561.D

Acq: 21 Aug 2024 10:27

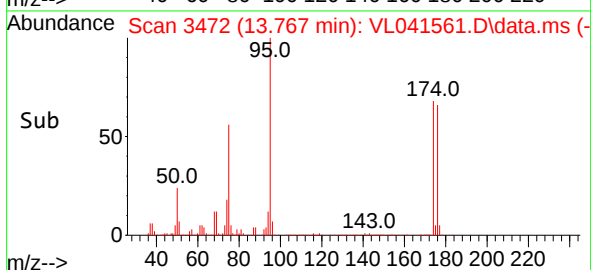
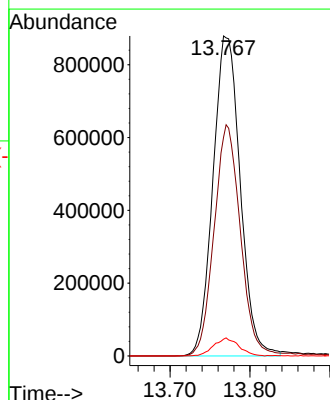
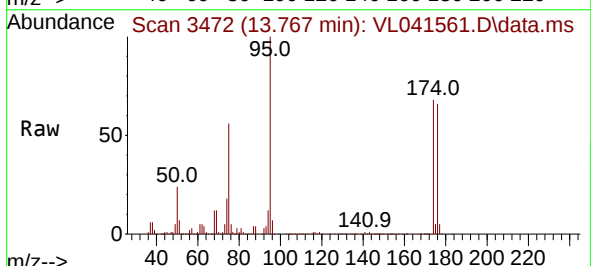
Tgt Ion: 95 Resp: 2080113

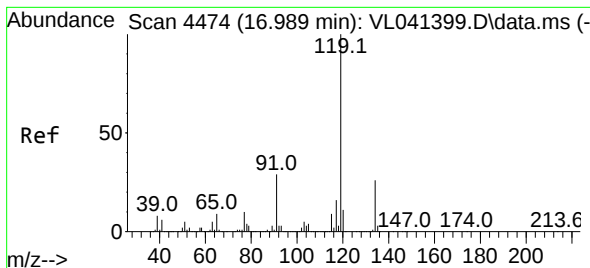
Ion Ratio Lower Upper

95 100

174 70.8 56.3 84.5

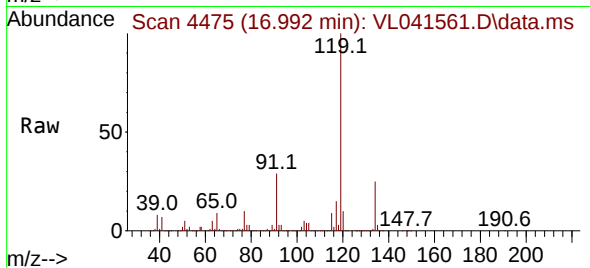
175 5.3 4.0 6.0





#69
p-Isopropyltoluene
Concen: 9.925 ppbv
RT: 16.992 min Scan# 4475
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

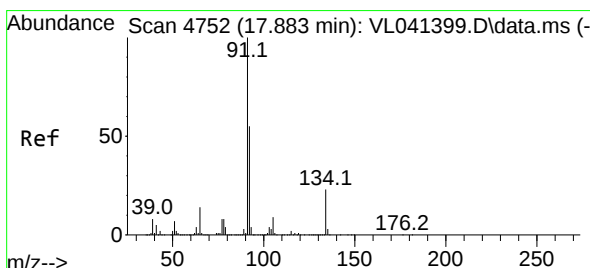
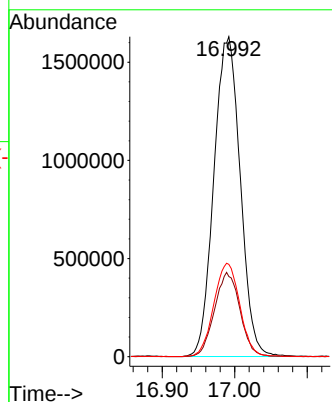
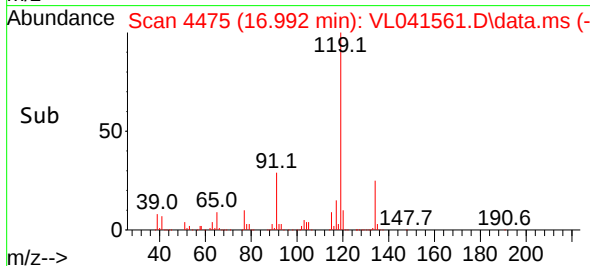
Instrument :
MSVOA_L
ClientSampleId :
VL0821ABS01



Tgt Ion:119 Resp: 4106279
Ion Ratio Lower Upper
119 100
134 25.6 20.5 30.7
91 28.7 23.2 34.8

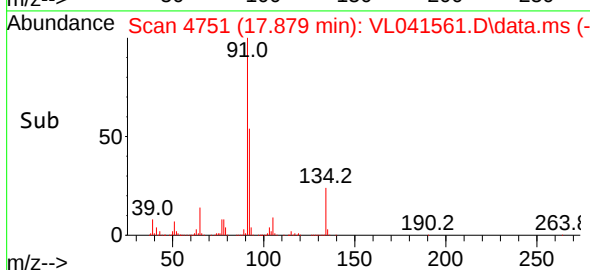
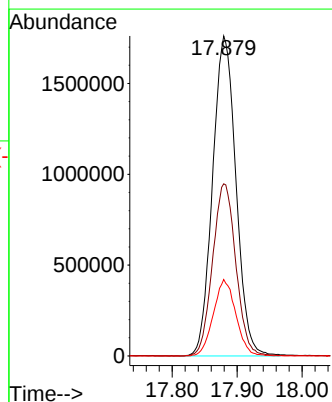
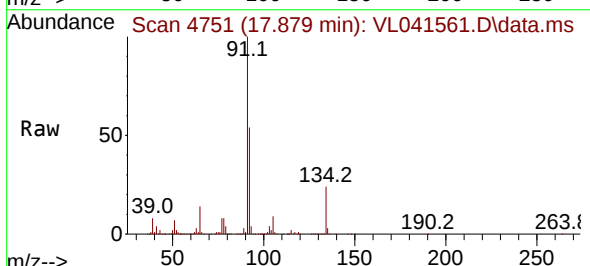
Manual Integrations
APPROVED

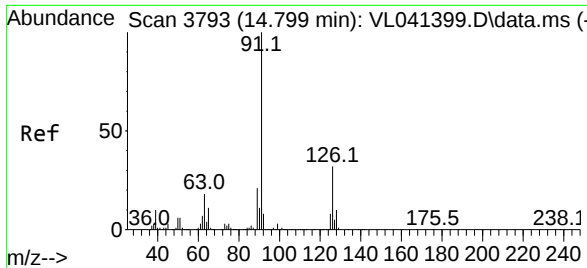
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#70
n-Butylbenzene
Concen: 10.360 ppbv
RT: 17.879 min Scan# 4751
Delta R.T. -0.006 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

Tgt Ion: 91 Resp: 4393877
Ion Ratio Lower Upper
91 100
92 53.8 43.2 64.8
134 23.1 18.5 27.7





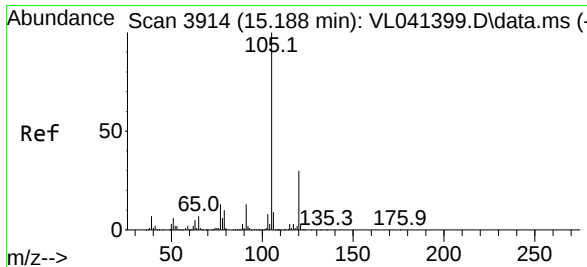
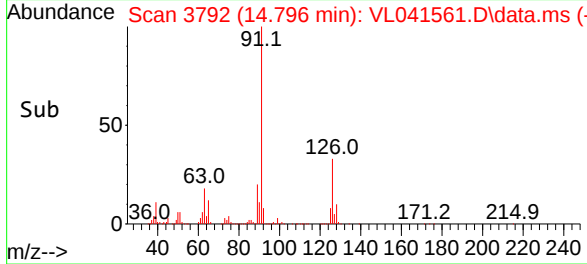
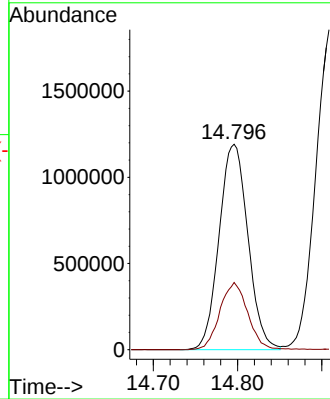
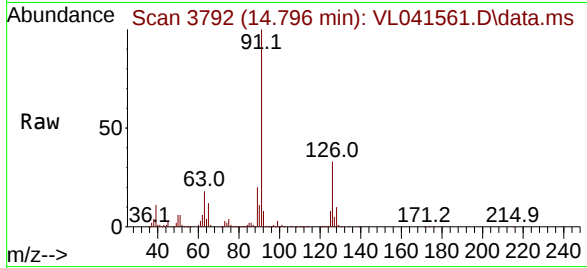
#71
2-Chlorotoluene
Concen: 9.589 ppbv
RT: 14.796 min Scan# 3793
Delta R.T. -0.003 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

Instrument :
MSVOA_L
ClientSampleId :
VL0821ABS01

Tgt Ion: 91 Resp: 2833040
Ion Ratio Lower Upper
91 100
126 31.9 12.7 50.9

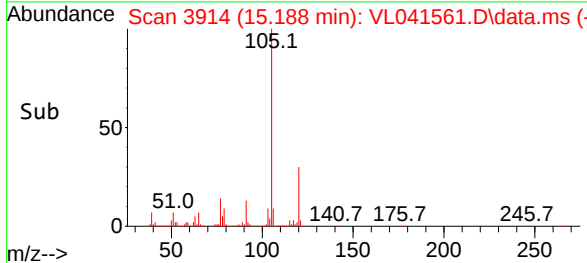
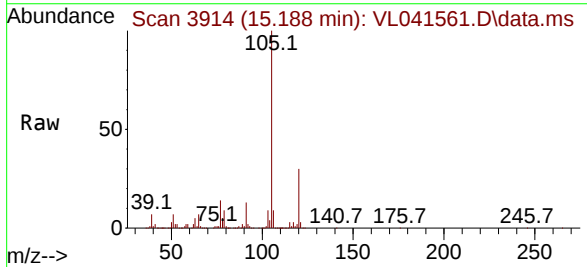
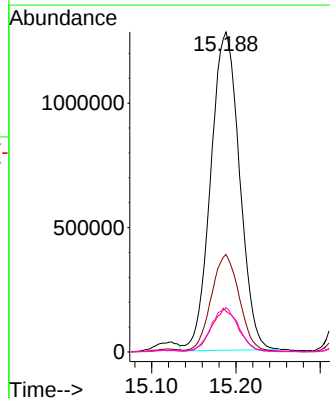
Manual Integrations
APPROVED

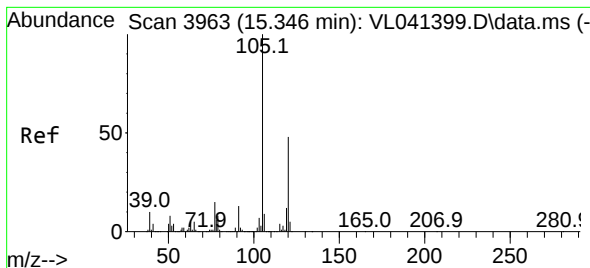
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#72
4-Ethyltoluene
Concen: 9.787 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

Tgt Ion:105 Resp: 3036361
Ion Ratio Lower Upper
105 100
120 30.2 24.2 36.2
91 12.9 10.4 15.6
77 13.6 11.0 16.4





#73

1,3,5-Trimethylbenzene

Concen: 9.942 ppbv

RT: 15.342 min Scan# 3963

Delta R.T. -0.006 min

Lab File: VL041561.D

Acq: 21 Aug 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

VL0821ABS01

Tgt Ion:105 Resp: 265728

Ion Ratio Lower Upper

105 100

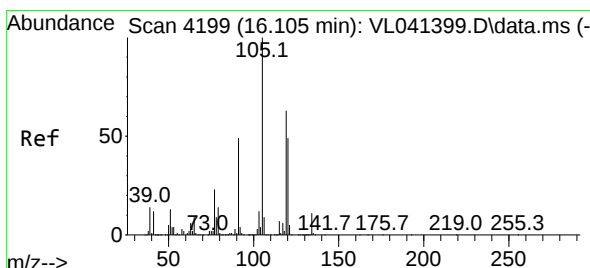
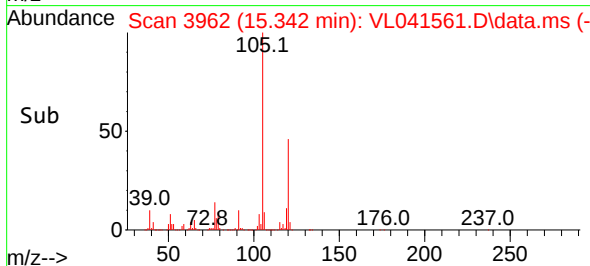
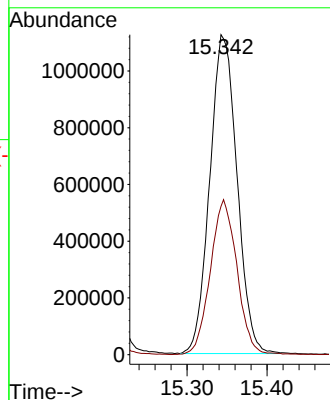
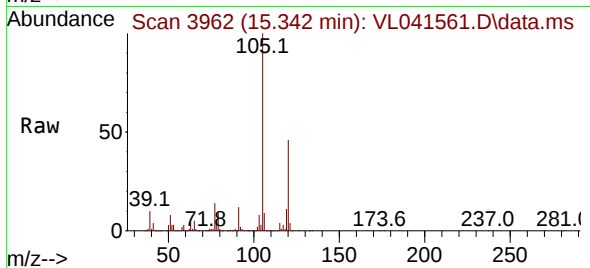
120 46.3 38.6 57.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024

Supervised By :Mahesh Dadoda 08/23/2024



#74

1,2,4-Trimethylbenzene

Concen: 9.723 ppbv

RT: 16.105 min Scan# 4199

Delta R.T. -0.003 min

Lab File: VL041561.D

Acq: 21 Aug 2024 10:27

Tgt Ion:105 Resp: 3021530

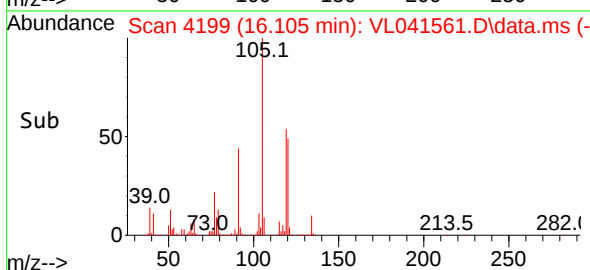
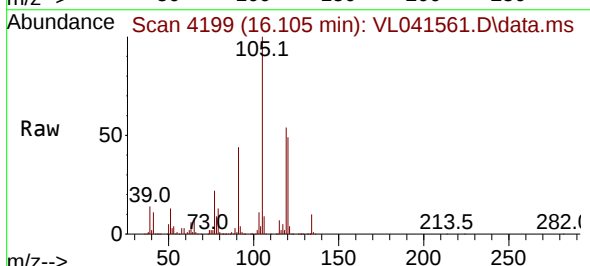
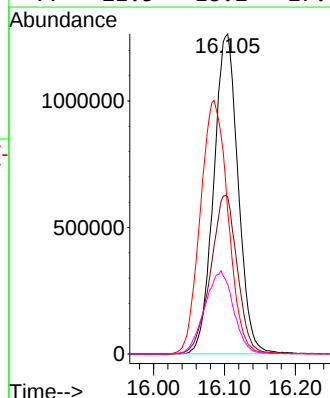
Ion Ratio Lower Upper

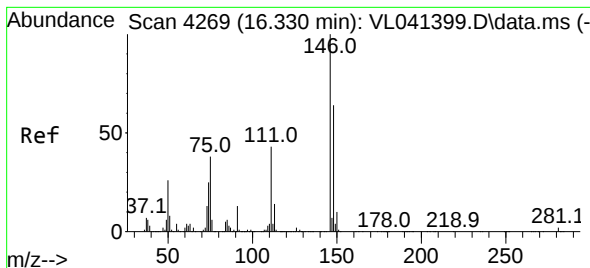
105 100

120 48.8 39.5 59.3

91 44.1 39.8 59.8

77 21.5 18.2 27.4





#75

1,3-Dichlorobenzene

Concen: 9.774 ppbv

RT: 16.326 min Scan# 4312

Delta R.T. -0.000 min

Lab File: VL041561.D

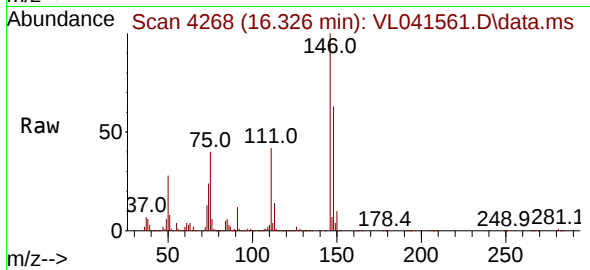
Acq: 21 Aug 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

VL0821ABS01



Tgt Ion:146 Resp: 190920

Ion Ratio Lower Upper

146 100

111 44.7 22.6 67.8

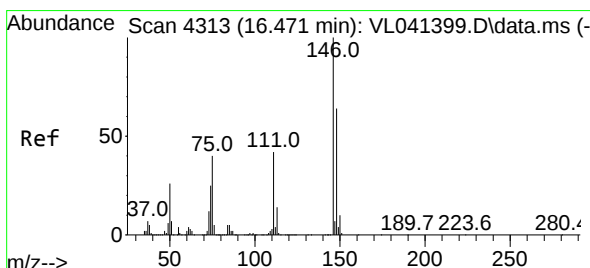
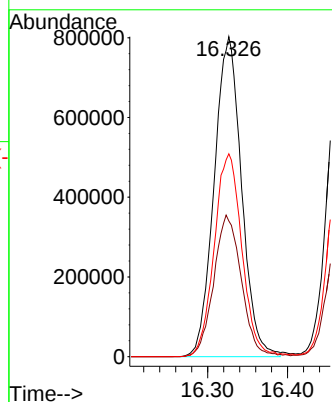
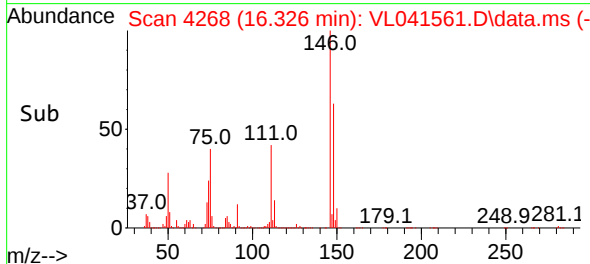
148 64.2 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024

Supervised By :Mahesh Dadoda 08/23/2024



#76

1,4-Dichlorobenzene

Concen: 9.884 ppbv

RT: 16.468 min Scan# 4312

Delta R.T. -0.003 min

Lab File: VL041561.D

Acq: 21 Aug 2024 10:27

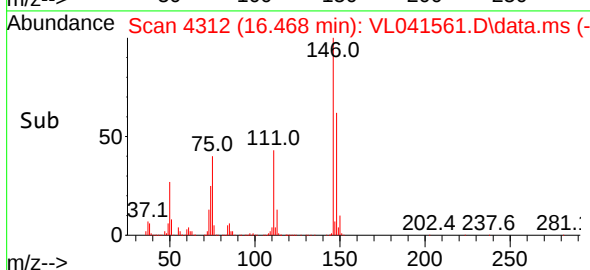
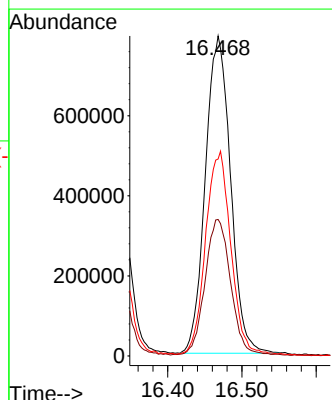
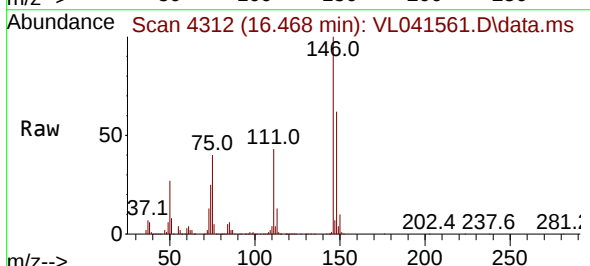
Tgt Ion:146 Resp: 1869460

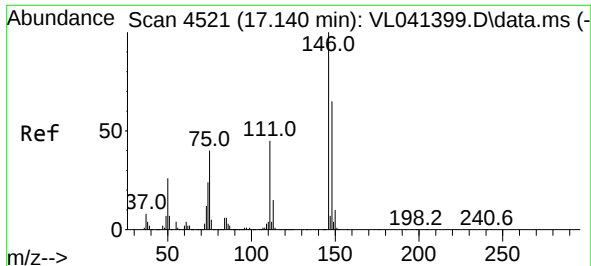
Ion Ratio Lower Upper

146 100

111 44.4 22.4 67.0

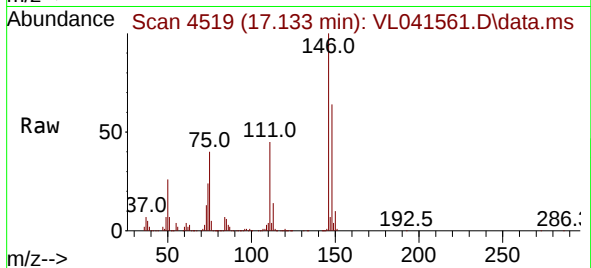
148 65.5 33.1 99.5





#77
1,2-Dichlorobenzene
Concen: 9.906 ppbv
RT: 17.133 min Scan# 4519
Delta R.T. -0.003 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

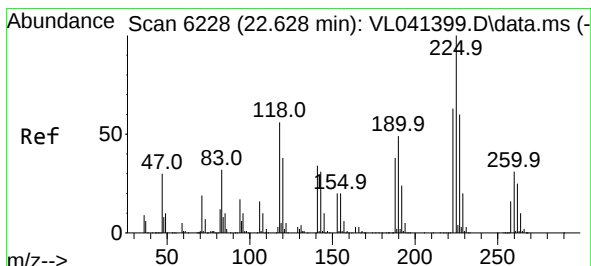
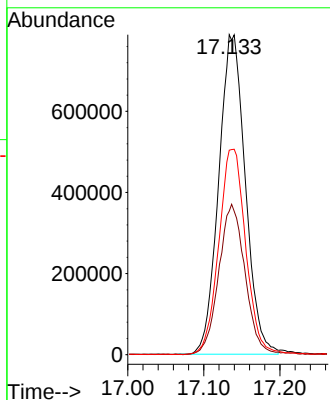
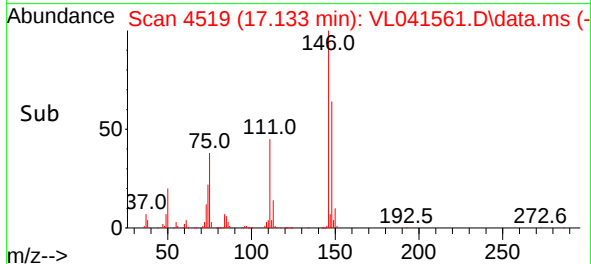
Instrument :
MSVOA_L
ClientSampleId :
VL0821ABS01



Tgt Ion:146 Resp: 191818
Ion Ratio Lower Upper
146 100
111 46.5 23.4 70.0
148 65.2 32.2 96.6

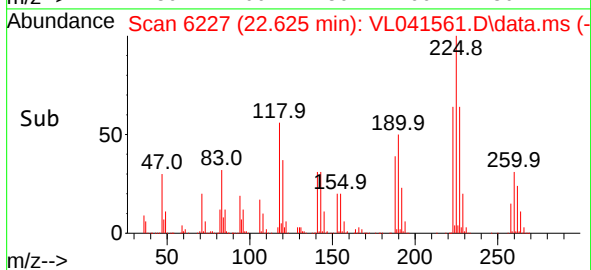
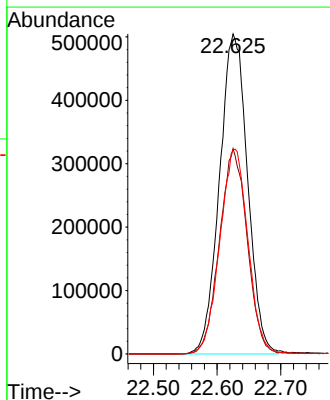
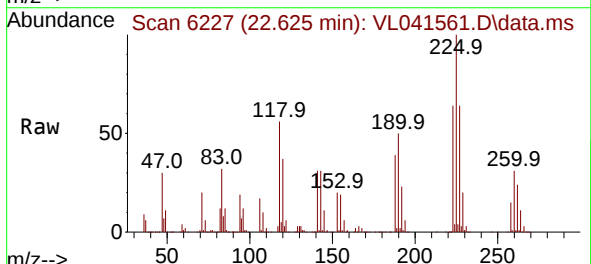
Manual Integrations
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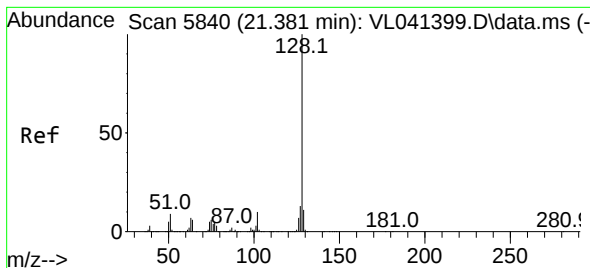
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#78
Hexachloro-1,3-Butadiene
Concen: 9.363 ppbv
RT: 22.625 min Scan# 6227
Delta R.T. -0.006 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

Tgt Ion:225 Resp: 1546149
Ion Ratio Lower Upper
225 100
223 63.3 50.6 76.0
227 64.3 50.8 76.2





#79

Naphthalene

Concen: 12.503 ppbv

RT: 21.374 min Scan# 5838

Delta R.T. -0.010 min

Lab File: VL041561.D

Acq: 21 Aug 2024 10:27

Instrument :

MSVOA_L

ClientSampleId :

VL0821ABS01

Tgt Ion:128 Resp: 3429200

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

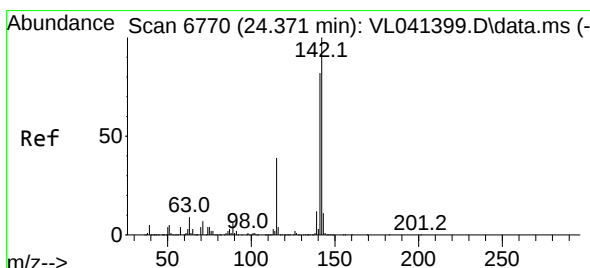
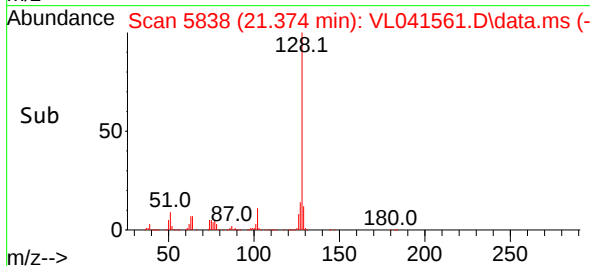
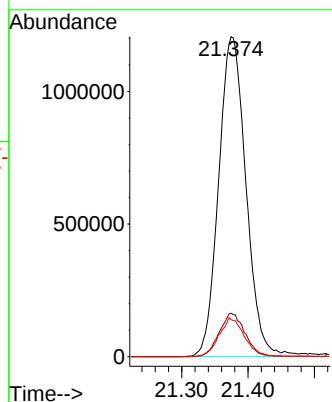
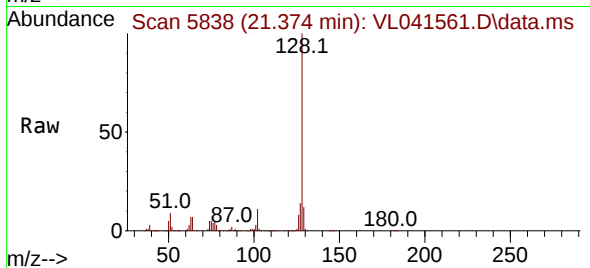
129 11.6 9.0 13.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/23/2024

Supervised By :Mahesh Dadoda 08/23/2024



#80

Naphthalene,2-methyl-

Concen: 6.472 ppbv

RT: 24.368 min Scan# 6769

Delta R.T. -0.003 min

Lab File: VL041561.D

Acq: 21 Aug 2024 10:27

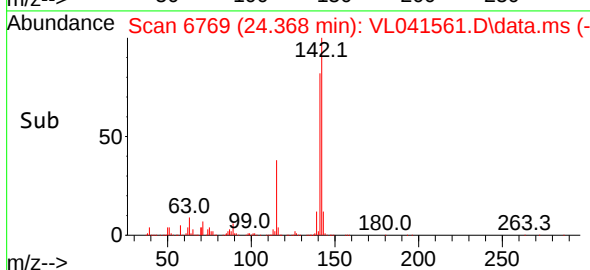
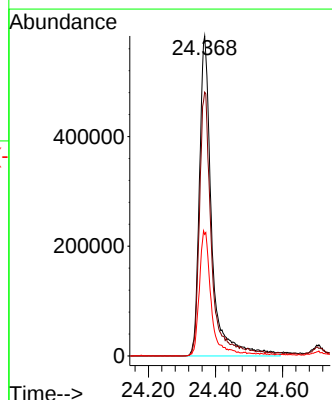
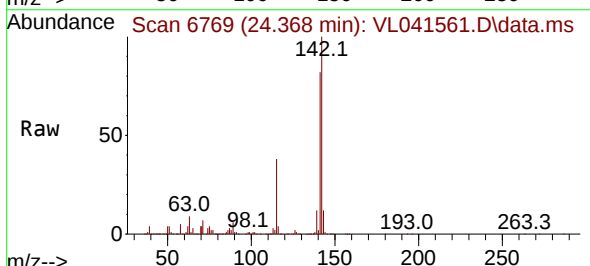
Tgt Ion:142 Resp: 1487907

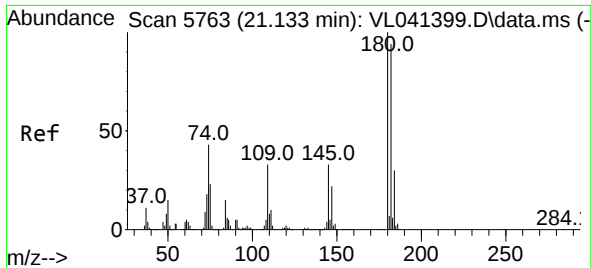
Ion Ratio Lower Upper

142 100

141 83.5 67.0 100.4

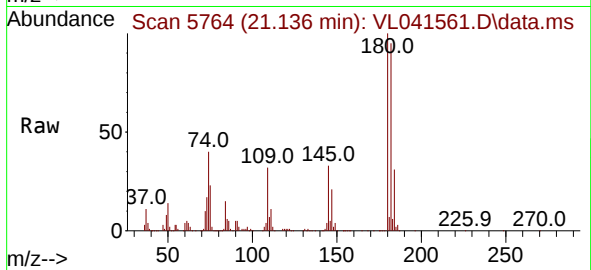
115 40.0 32.2 48.2





#81
1,2,4-Trichlorobenzene
Concen: 10.816 ppbv m
RT: 21.136 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL041561.D
Acq: 21 Aug 2024 10:27

Instrument :
MSVOA_L
ClientSampleId :
VL0821ABS01



Tgt Ion:180 Resp: 1765280
Ion Ratio Lower Upper
180 100
182 0.0 76.7 115.1
184 0.0 24.5 36.7

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

