

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062624\
 Data File : VL041359.D
 Acq On : 26 Jun 2024 14:46
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL062624

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 06/27/2024
 Supervised By : Mahesh Dadoda 06/27/2024

Quant Time: Jun 26 15:27:53 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 13:36:23 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.224	49	1119741	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.684	114	2962516	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.487	117	2794934m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.796 95 2104121 10.044 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.400%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.771	85	1522961m	7.971	ppbv
3) Chlorodifluoromethane	2.716	51	1659170	8.593	ppbv 100
4) Chloromethane	2.854	50	646855	8.767	ppbv 98
5) Vinyl Chloride	2.960	62	683799	8.576	ppbv 100
6) Bromomethane	3.160	94	229761	9.110	ppbv 97
7) Chloroethane	3.237	64	243135	9.230	ppbv 98
8) Dichlorotetrafluoroethane	2.896	85	1641541	8.839	ppbv 98
9) Propene	2.735	41	589082	8.817	ppbv 99
10) Heptane	7.603	43	1421605	9.059	ppbv 100
11) Trichlorofluoromethane	3.600	101	1627327	8.749	ppbv 98
12) 1,1,2-Trichlorotrifluo...	4.102	101	1150983	8.830	ppbv 99
13) Ethanol	3.282	45	142496	9.614	ppbv 86
14) Bromoethene	3.404	108	483336	9.244	ppbv 98
15) Acetone	3.507	43	1235736	8.356	ppbv 98
16) 1,3-Butadiene	3.025	39	687901	9.773	ppbv 100
17) tert-Butyl alcohol	3.915	59	1295616	11.356	ppbv 99
18) 1,1-Dichloroethene	3.915	96	530407	9.256	ppbv 99
19) Isopropyl Alcohol	3.616	45	948725	11.686	ppbv # 98
20) Methylene Chloride	3.970	84	436141	8.128	ppbv 97
21) Allyl Chloride	4.031	41	804254	9.016	ppbv 98
22) trans-1,2-Dichloroethene	4.478	96	514776	9.045	ppbv 95
23) Vinyl Acetate	4.661	43	1538017	10.550	ppbv 99
24) 1,1-Dichloroethane	4.597	63	1122935	8.885	ppbv 99
25) Ethyl Acetate	5.234	43	2476595	9.095	ppbv 99
26) Hexane	5.243	57	1067207	8.850	ppbv 97
27) Carbon Disulfide	4.156	76	1380367	9.409	ppbv 99
28) Methyl tert-Butyl Ether	4.619	73	861876	9.637	ppbv 97
29) Chloroform	5.308	83	1632880	8.777	ppbv 98
30) Cyclohexane	6.629	84	903111	9.402	ppbv 100
31) cis-1,2-Dichloroethene	5.111	61	1066604	9.227	ppbv 99
32) 1,1,1-Trichloroethane	6.034	97	1635912	8.378	ppbv 99
34) 2-Butanone	4.819	43	1499303	9.590	ppbv 100
35) Carbon Tetrachloride	6.523	117	1669878	8.535	ppbv 99
36) Benzene	6.401	78	2246157	9.161	ppbv 99
37) 1,2-Dichloroethane	5.838	62	1279475	9.095	ppbv 100
38) Trichloroethene	7.320	130	861200	8.063	ppbv 99
39) 1,2-Dichloropropane	7.102	63	869377	9.176	ppbv 96
40) 1,4-Dioxane	7.314	88	323768	10.659	ppbv # 11
41) Tetrahydrofuran	5.587	42	957334	9.887	ppbv 100
42) Bromodichloromethane	7.279	83	1826954	9.282	ppbv 98
43) Methyl Methacrylate	7.500	69	924507	10.037	ppbv 97
44) 2,2,4-Trimethylpentane	7.352	57	3750382	9.001	ppbv 99
45) t-1,3-Dichloropropene	8.735	75	634792	10.889	ppbv 93

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Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/27/2024
 Supervised By : Mahesh Dadoda 06/27/2024

Quant Time: Jun 26 15:27:53 2024

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

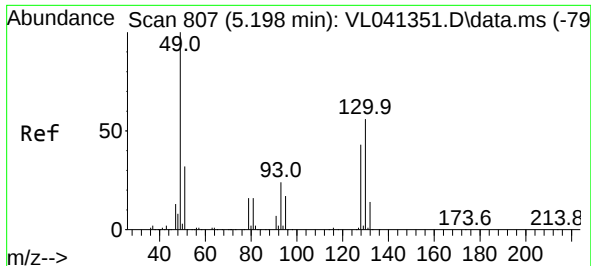
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Wed Jun 26 13:36:23 2024

Response via : Initial Calibration

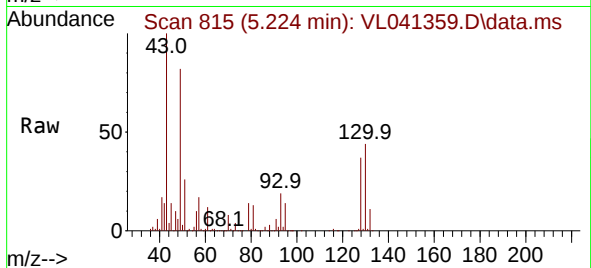
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.169	75	768677	9.806	ppbv	99
47) 1,1,2-Trichloroethane	8.925	97	907996	8.935	ppbv	96
48) Dibromochloromethane	9.735	129	1541096	9.443	ppbv	100
49) Bromoform	12.429	173	1250675	9.623	ppbv	100
50) 4-Methyl-2-Pentanone	8.208	43	2343996	9.337	ppbv	100
51) 2-Hexanone	9.574	43	1691720	9.480	ppbv #	100
52) Tetrachloroethene	10.639	164	797472	8.100	ppbv	97
53) Toluene	9.243	91	2586820	9.355	ppbv	99
54) 1,2-Dibromoethane	10.034	107	1206886	9.596	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.532	131	1108883	8.817	ppbv	96
57) Chlorobenzene	11.548	112	1925062	8.780	ppbv	99
58) Ethyl Benzene	12.111	91	3409008	9.117	ppbv	100
59) m/p-Xylene	12.391	91	5820975m	17.987	ppbv	
60) o-Xylene	13.079	91	2701531	8.845	ppbv	99
61) Styrene	12.915	104	1450200	9.777	ppbv	97
62) Isopropylbenzene	14.050	105	4141095	8.782	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.066	83	1950007	8.104	ppbv	99
64) n-propylbenzene	14.937	120	1086525	8.827	ppbv	99
65) tert-Butylbenzene	16.111	119	3683728	8.774	ppbv	100
66) Benzyl Chloride	16.349	91	262804	9.526	ppbv	97
67) sec-Butylbenzene	16.654	105	5194995	8.749	ppbv	100
69) p-Isopropyltoluene	17.014	119	4356509	8.883	ppbv	100
70) n-Butylbenzene	17.902	91	4535784	9.048	ppbv	100
71) 2-Chlorotoluene	14.818	91	3151994	8.998	ppbv	100
72) 4-Ethyltoluene	15.211	105	3340662	9.183	ppbv	99
73) 1,3,5-Trimethylbenzene	15.368	105	2853378	9.164	ppbv	100
74) 1,2,4-Trimethylbenzene	16.127	105	3169293	9.033	ppbv	95
75) 1,3-Dichlorobenzene	16.352	146	1916110	9.206	ppbv	99
76) 1,4-Dichlorobenzene	16.490	146	1862388	8.981	ppbv	100
77) 1,2-Dichlorobenzene	17.162	146	1869075	8.808	ppbv	99
78) Hexachloro-1,3-Butadiene	22.657	225	1277841	8.280	ppbv	100
79) Naphthalene	21.413	128	2377546	12.599	ppbv	100
80) Naphthalene,2-methyl-	24.410	142	18426m	37.102	ppbv	
81) 1,2,4-Trichlorobenzene	21.169	180	1280437	10.979	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.224 min Scan# 81
Delta R.T. 0.023 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

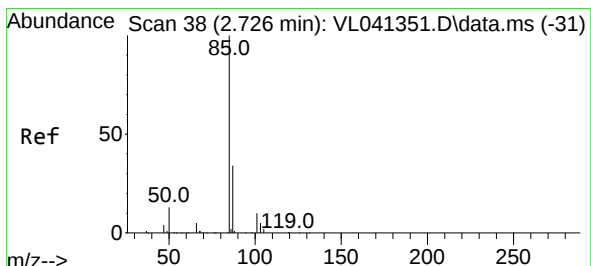
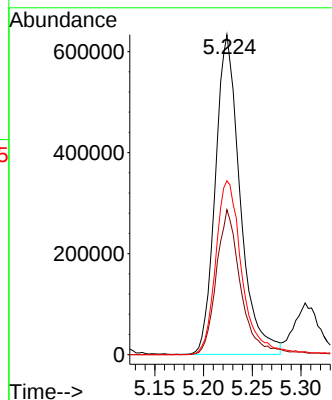
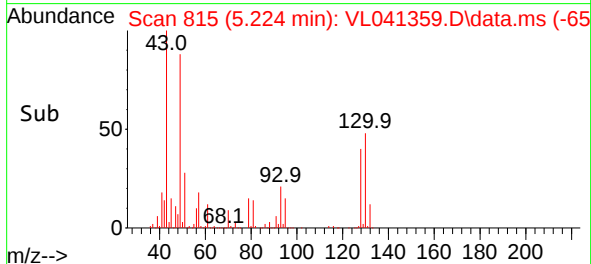
Instrument :
MSVOA_L
ClientSampleId :
ICVVL062624



Tgt Ion: 49 Resp: 111974
Ion Ratio Lower Upper
49 100
128 46.0 22.8 68.3
130 58.8 28.9 86.7

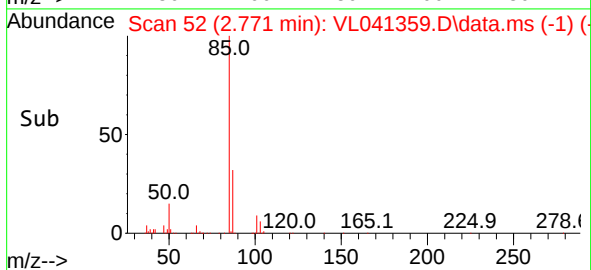
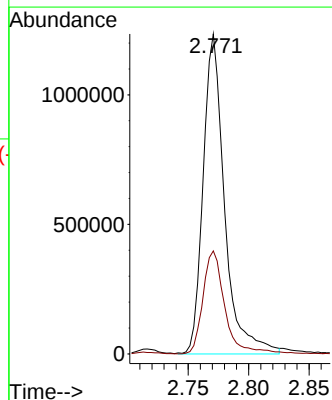
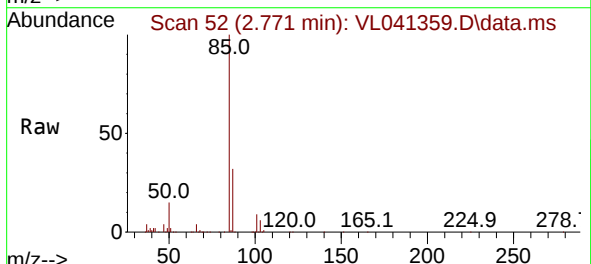
Manual Integrations
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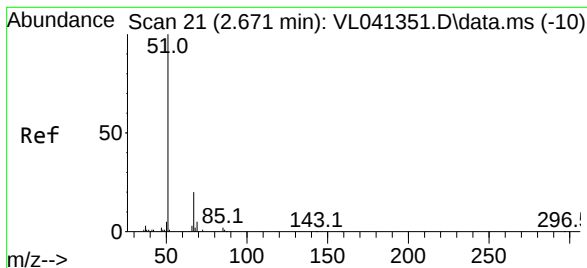
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#2
Dichlorodifluoromethane
Concen: 7.971 ppbv m
RT: 2.771 min Scan# 52
Delta R.T. 0.042 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

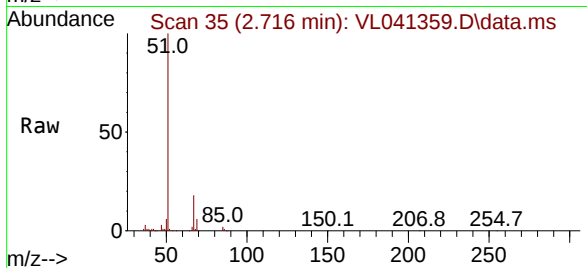
Tgt Ion: 85 Resp: 1522961
Ion Ratio Lower Upper
85 100
87 32.2 25.9 38.9





#3
Chlorodifluoromethane
Concen: 8.593 ppbv
RT: 2.716 min Scan# 31
Delta R.T. 0.042 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

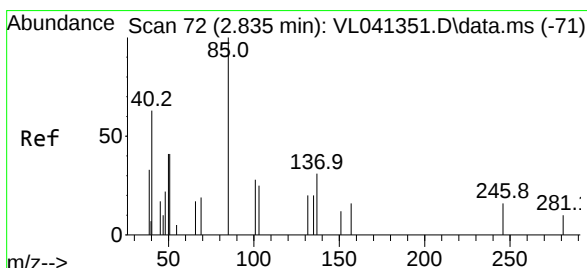
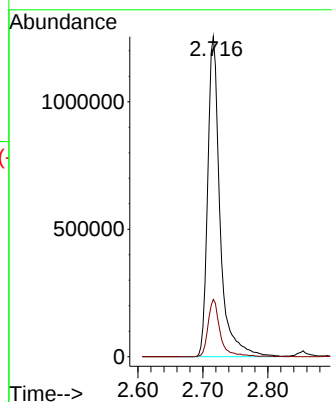
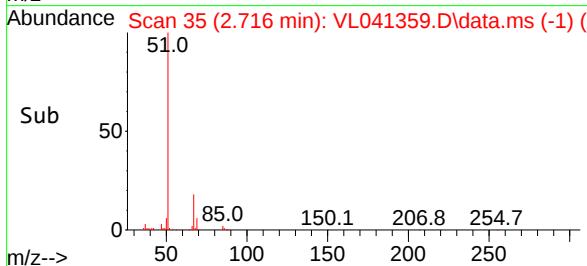
Instrument :
MSVOA_L
ClientSampleId :
ICVVL062624



Tgt Ion: 51 Resp: 1659170
Ion Ratio Lower Upper
51 100
67 17.8 14.3 21.5

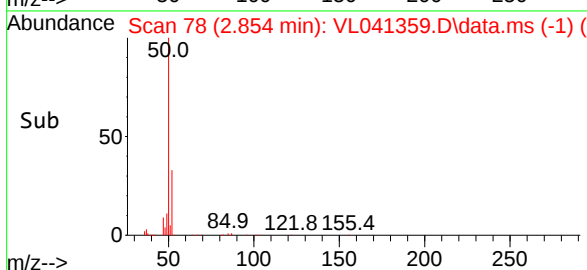
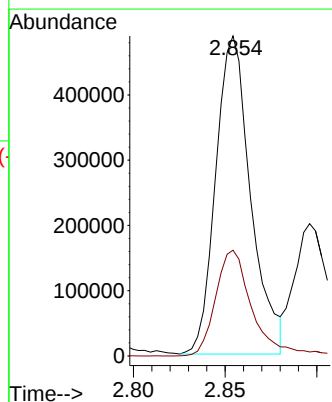
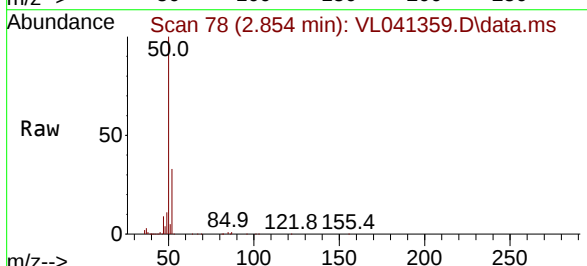
Manual Integrations
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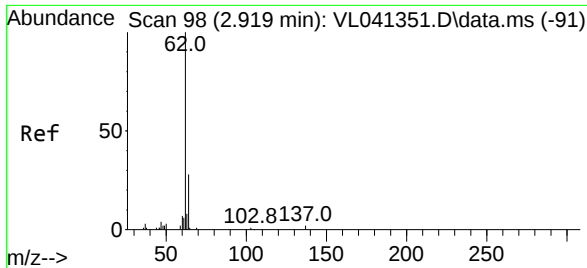
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#4
Chloromethane
Concen: 8.767 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.039 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

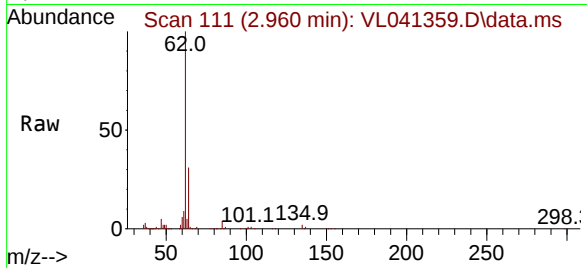
Tgt Ion: 50 Resp: 646855
Ion Ratio Lower Upper
50 100
52 33.2 25.6 38.4





#5
Vinyl Chloride
Concen: 8.576 ppbv
RT: 2.960 min Scan# 111
Delta R.T. 0.039 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

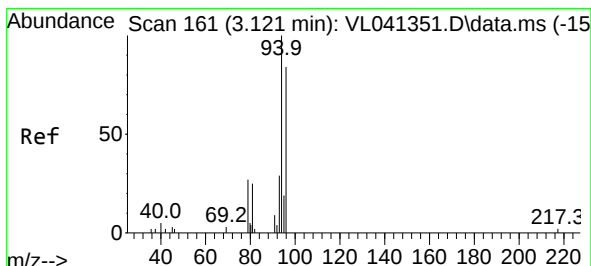
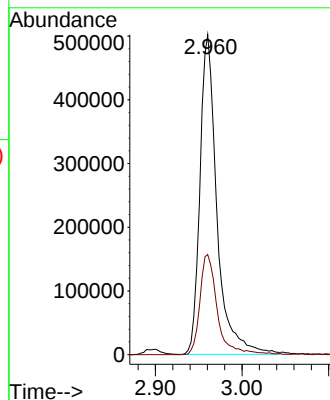
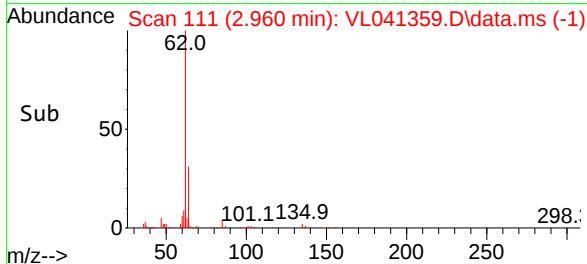
Instrument :
MSVOA_L
ClientSampleId :
ICVVL062624



Tgt Ion: 62 Resp: 683799
Ion Ratio Lower Upper
62 100
64 31.3 25.0 37.6

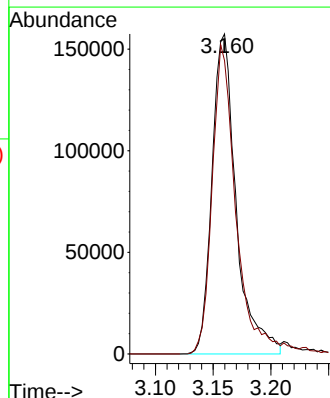
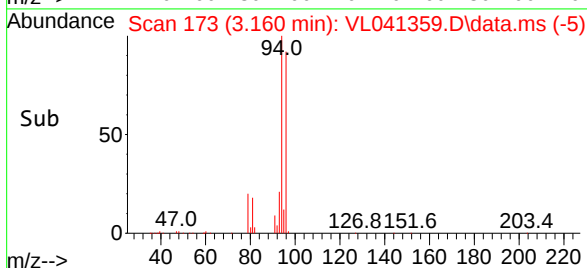
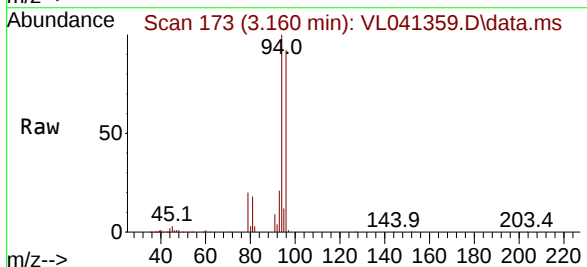
Manual Integrations
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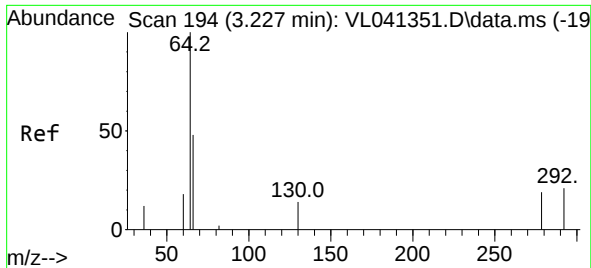
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#6
Bromomethane
Concen: 9.110 ppbv
RT: 3.160 min Scan# 173
Delta R.T. 0.039 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

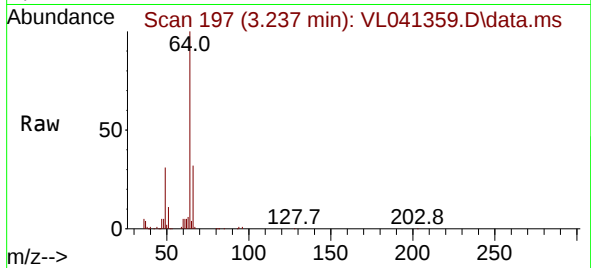
Tgt Ion: 94 Resp: 229761
Ion Ratio Lower Upper
94 100
96 91.7 71.0 106.4





#7
Chloroethane
Concen: 9.230 ppbv
RT: 3.237 min Scan# 194
Delta R.T. 0.035 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

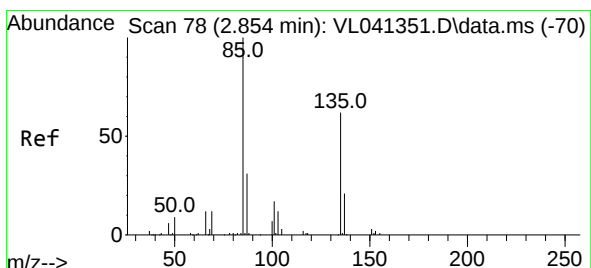
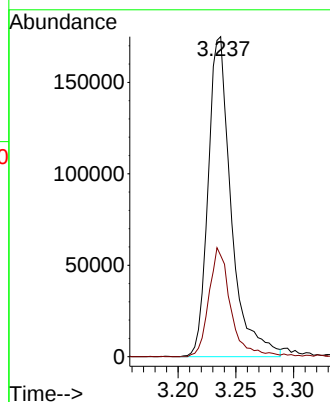
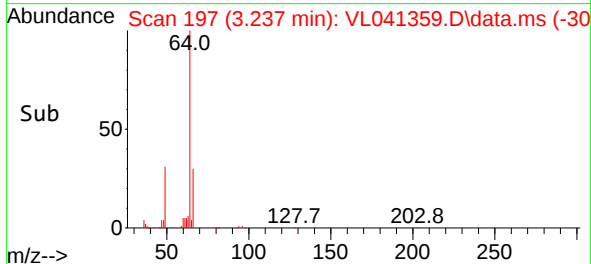
Instrument : MSVOA_L
ClientSampleId : ICVVL062624



Tgt Ion: 64 Resp: 243135
Ion Ratio Lower Upper
64 100
66 31.6 24.6 36.8

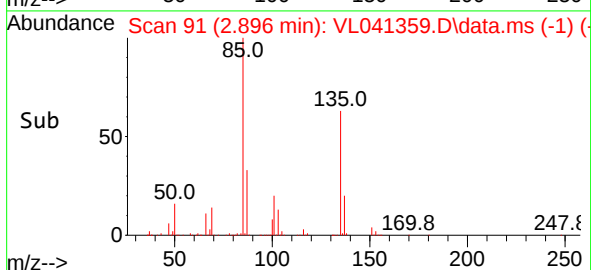
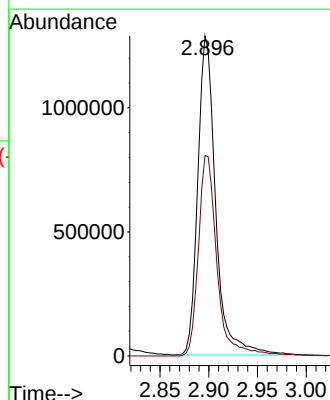
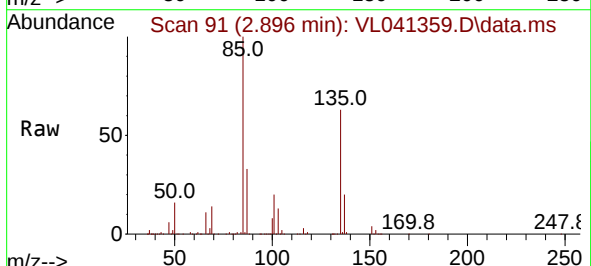
Manual Integrations
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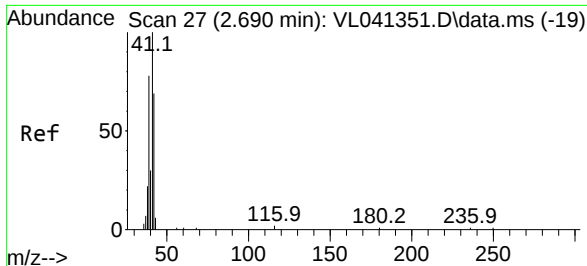
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#8
Dichlorotetrafluoroethane
Concen: 8.839 ppbv
RT: 2.896 min Scan# 91
Delta R.T. 0.039 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

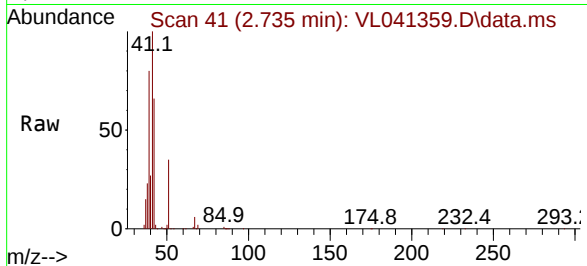
Tgt Ion: 85 Resp: 1641541
Ion Ratio Lower Upper
85 100
135 65.7 53.7 80.5





#9
Propene
Concen: 8.817 ppbv
RT: 2.735 min Scan# 41
Delta R.T. 0.042 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

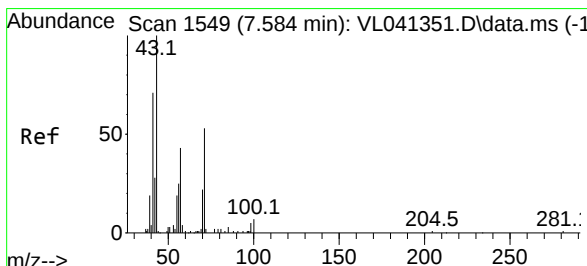
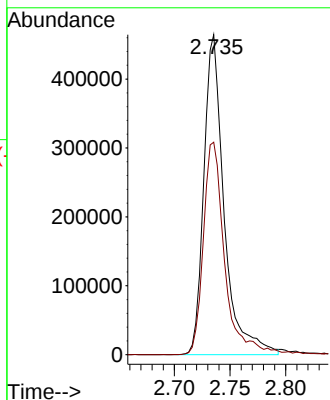
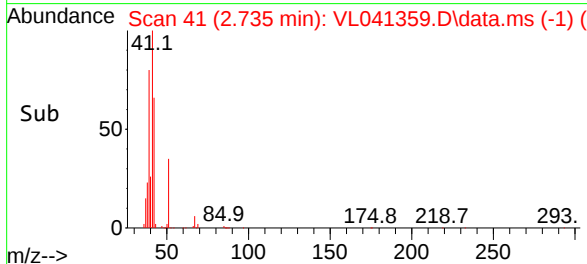
Instrument :
MSVOA_L
ClientSampleId :
ICVVL062624



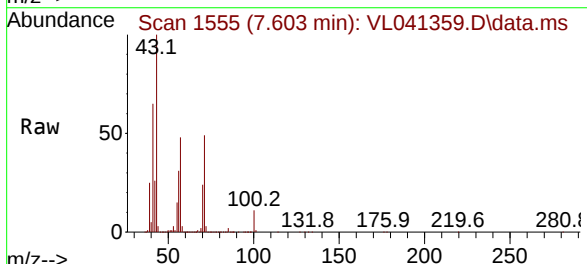
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Ion Ratio Lower Upper
41 100
42 70.7 55.8 83.8

Manual Integrations
APPROVED

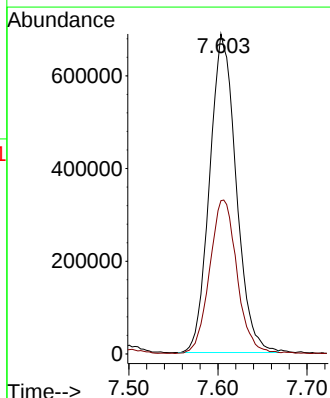
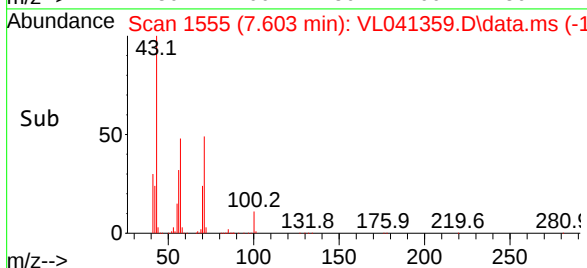
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

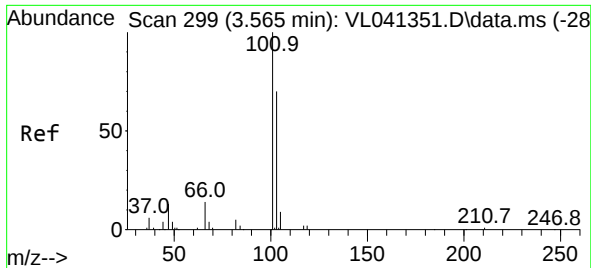


#10
Heptane
Concen: 9.059 ppbv
RT: 7.603 min Scan# 1555
Delta R.T. 0.010 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46



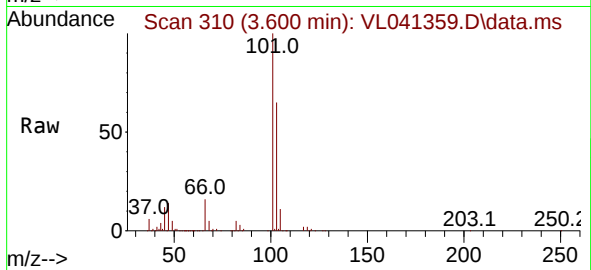
Tgt Ion: 43 Resp: 1421605
Ion Ratio Lower Upper
43 100
57 50.1 40.3 60.5





#11
 Trichlorofluoromethane
 Concen: 8.749 ppbv
 RT: 3.600 min Scan# 310
 Delta R.T. 0.032 min
 Lab File: VL041359.D
 Acq: 26 Jun 2024 14:46

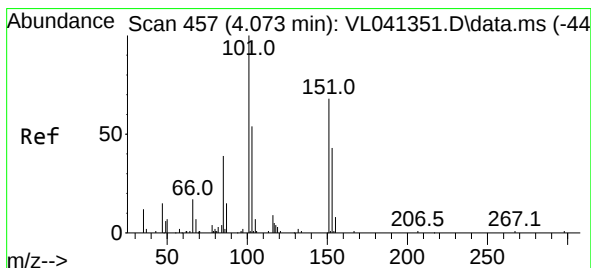
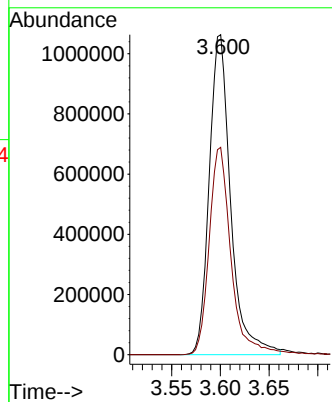
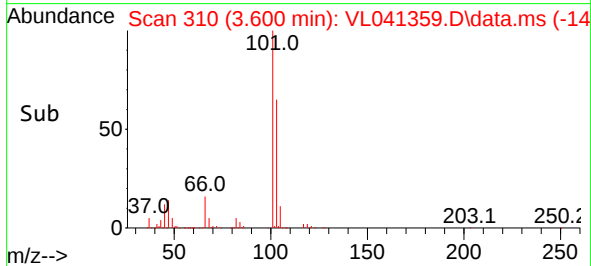
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL062624



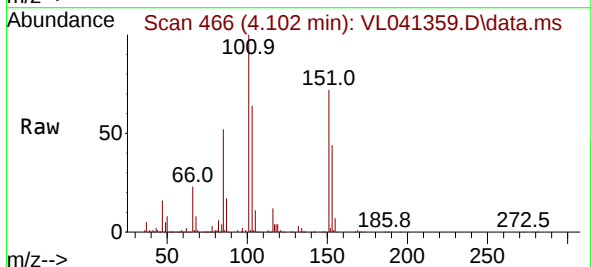
Tgt Ion:101 Resp: 162732
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.5 75.7

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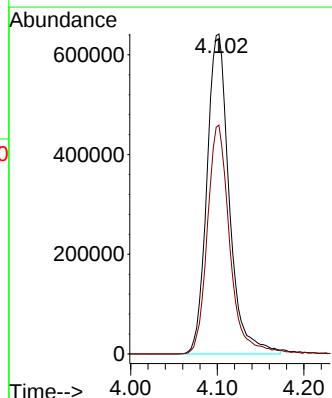
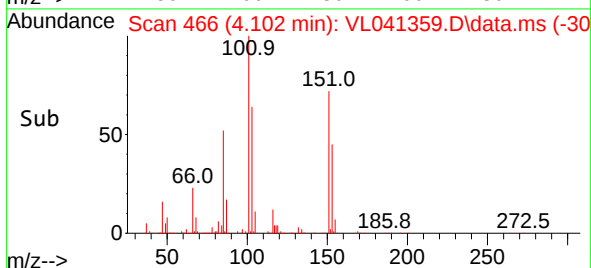
Reviewed By :Semsettin Yesilyurt 06/27/2024
 Supervised By :Mahesh Dadoda 06/27/2024

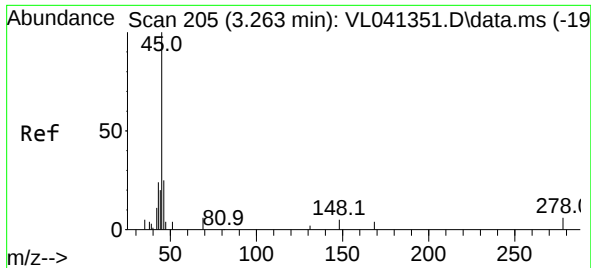


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.830 ppbv
 RT: 4.102 min Scan# 466
 Delta R.T. 0.032 min
 Lab File: VL041359.D
 Acq: 26 Jun 2024 14:46



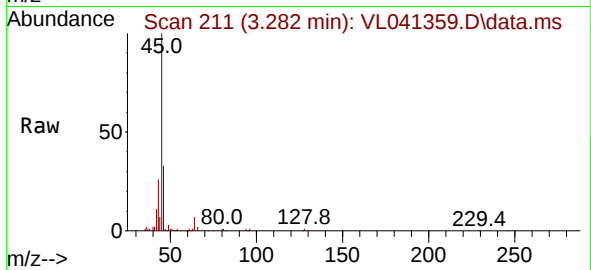
Tgt Ion:101 Resp: 1150983
 Ion Ratio Lower Upper
 101 100
 151 71.9 57.0 85.6





#13
Ethanol
Concen: 9.614 ppbv
RT: 3.282 min Scan# 211
Delta R.T. 0.032 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

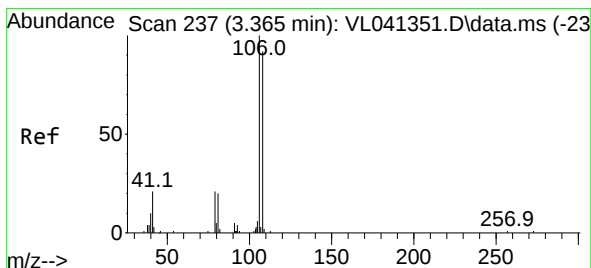
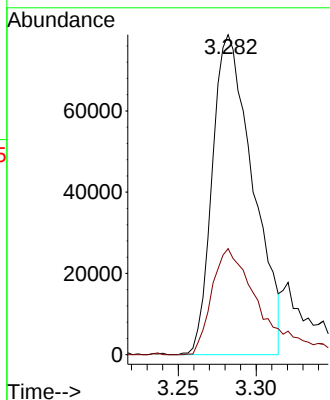
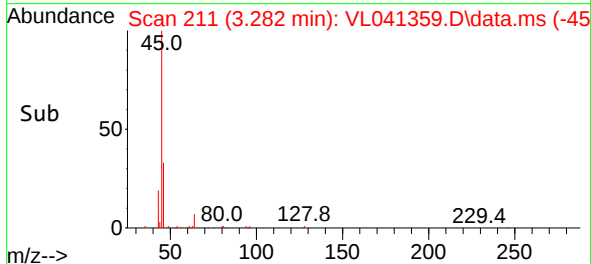
Instrument :
MSVOA_L
ClientSampleId :
ICVVL062624



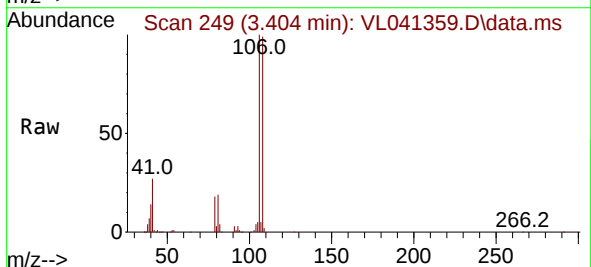
Tgt Ion: 45 Resp: 142490
Ion Ratio Lower Upper
45 100
46 41.4 13.3 53.3

Manual Integrations
APPROVED

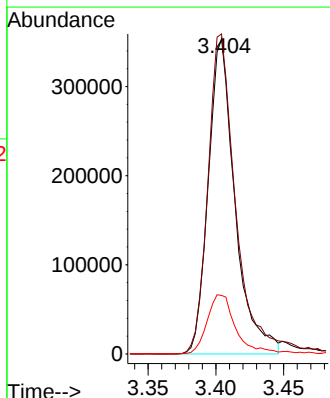
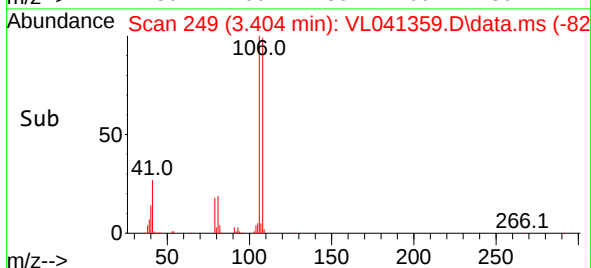
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

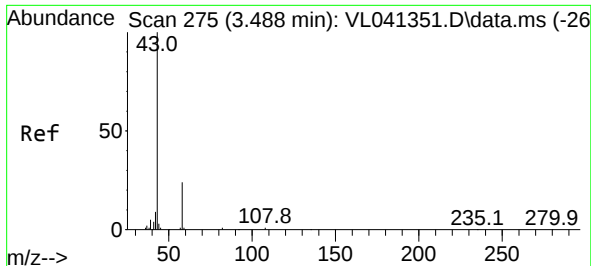


#14
Bromoethene
Concen: 9.244 ppbv
RT: 3.404 min Scan# 249
Delta R.T. 0.035 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46



Tgt Ion:108 Resp: 483336
Ion Ratio Lower Upper
108 100
106 108.9 85.5 128.3
79 21.4 16.3 24.5





#15

Acetone

Concen: 8.356 ppbv

RT: 3.507 min Scan# 21

Delta R.T. 0.035 min

Lab File: VL041359.D

Acq: 26 Jun 2024 14:46

Instrument :

MSVOA_L

ClientSampleId :

ICVVL062624

Tgt Ion: 43 Resp: 1235730

Ion Ratio Lower Upper

43 100

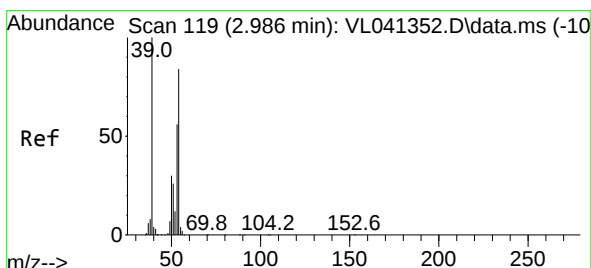
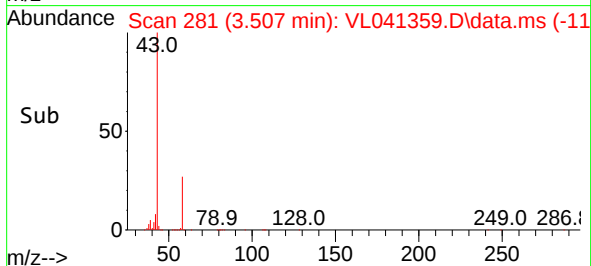
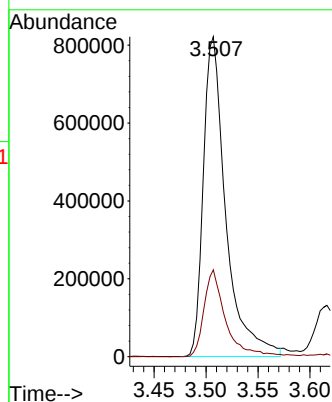
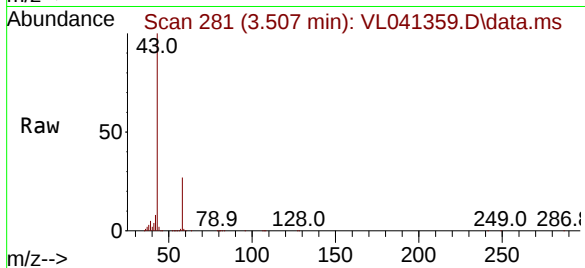
58 26.2 20.3 30.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#16

1,3-Butadiene

Concen: 9.773 ppbv

RT: 3.025 min Scan# 131

Delta R.T. 0.039 min

Lab File: VL041359.D

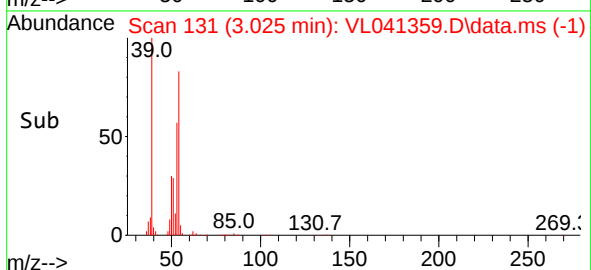
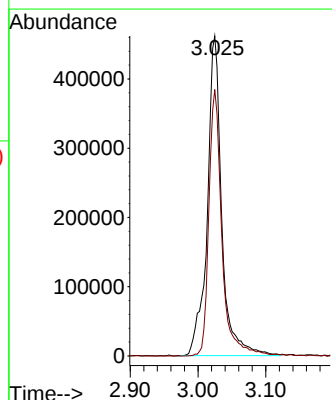
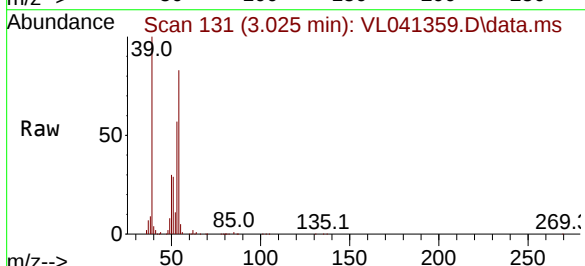
Acq: 26 Jun 2024 14:46

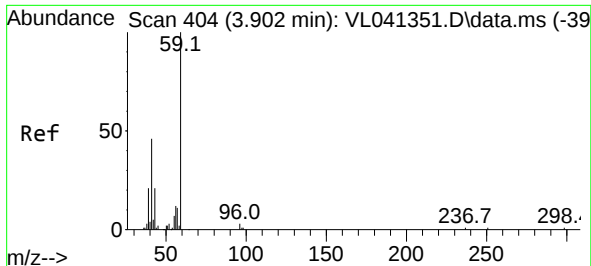
Tgt Ion: 39 Resp: 687901

Ion Ratio Lower Upper

39 100

54 75.4 60.5 90.7





#17

tert-Butyl alcohol

Concen: 11.356 ppbv

RT: 3.915 min Scan# 408

Delta R.T. 0.029 min

Lab File: VL041359.D

Acq: 26 Jun 2024 14:46

Instrument :

MSVOA_L

ClientSampleId :

ICVVL062624

Tgt Ion: 59 Resp: 1295610

Ion Ratio Lower Upper

59 100

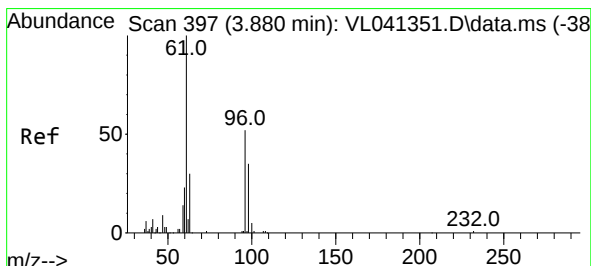
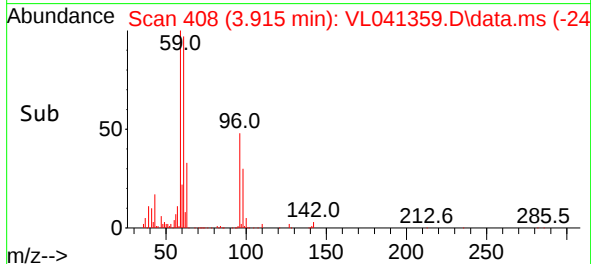
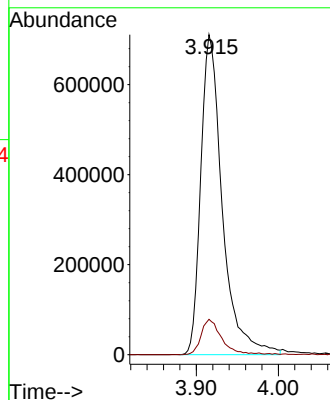
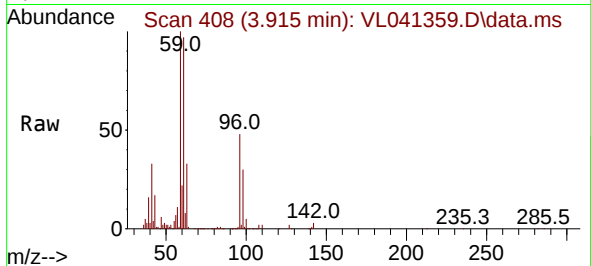
57 10.9 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#18

1,1-Dichloroethene

Concen: 9.256 ppbv

RT: 3.915 min Scan# 408

Delta R.T. 0.029 min

Lab File: VL041359.D

Acq: 26 Jun 2024 14:46

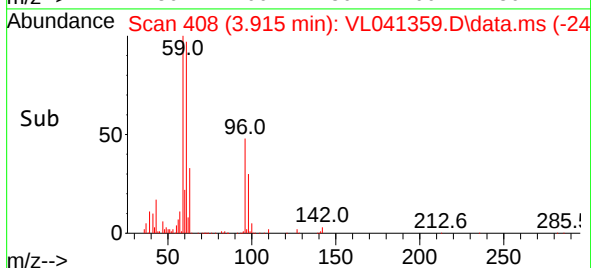
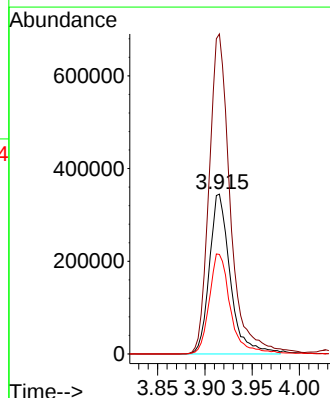
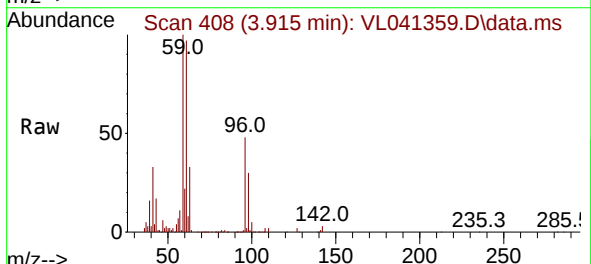
Tgt Ion: 96 Resp: 530407

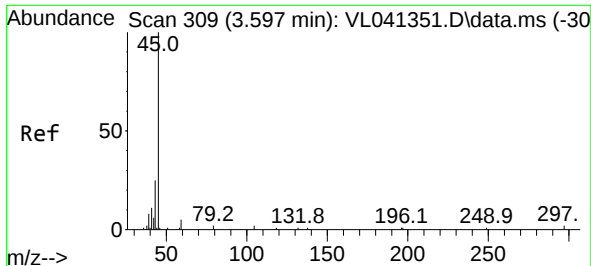
Ion Ratio Lower Upper

96 100

61 200.3 160.3 240.5

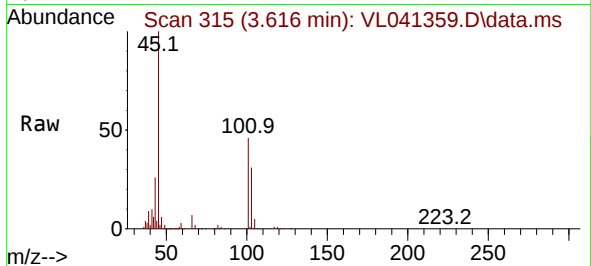
98 62.3 51.6 77.4





#19
Isopropyl Alcohol
Concen: 11.686 ppbv
RT: 3.616 min Scan# 315
Delta R.T. 0.032 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

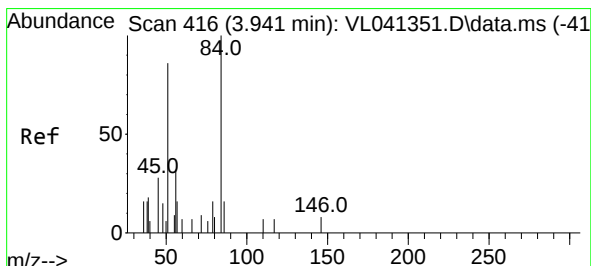
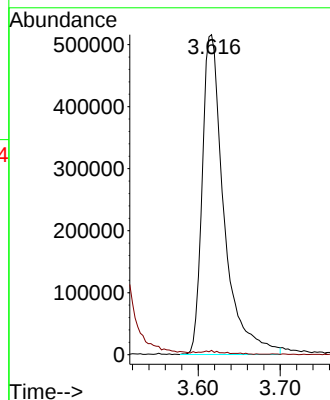
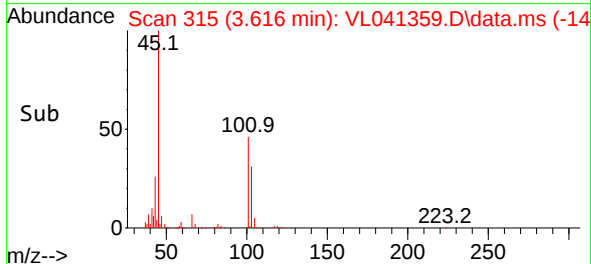
Instrument :
MSVOA_L
ClientSampleId :
ICVVL062624



Tgt Ion: 45 Resp: 948725
Ion Ratio Lower Upper
45 100
58 1.3 1.6 2.4

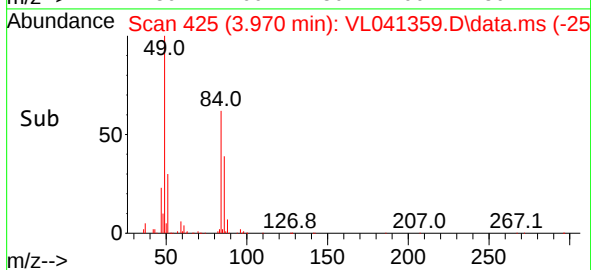
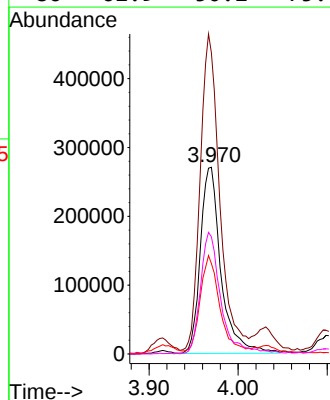
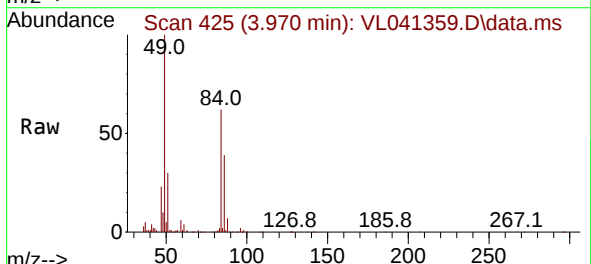
Manual Integrations
APPROVED

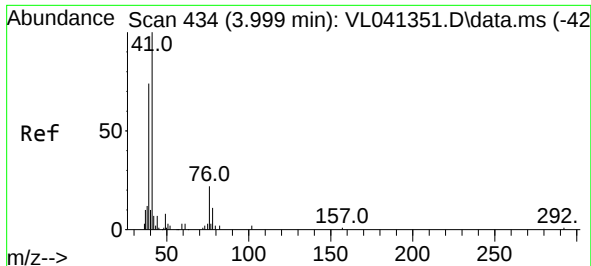
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#20
Methylene Chloride
Concen: 8.128 ppbv
RT: 3.970 min Scan# 425
Delta R.T. 0.032 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

Tgt Ion: 84 Resp: 436141
Ion Ratio Lower Upper
84 100
49 160.0 131.8 197.6
51 47.0 39.6 59.4
86 62.9 50.2 75.4





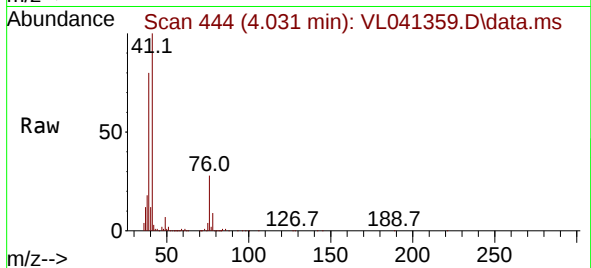
#21
 Allyl Chloride
 Concen: 9.016 ppbv
 RT: 4.031 min Scan# 44
 Delta R.T. 0.029 min
 Lab File: VL041359.D
 Acq: 26 Jun 2024 14:46

Instrument :

MSVOA_L

ClientSampleId :

ICVVL062624

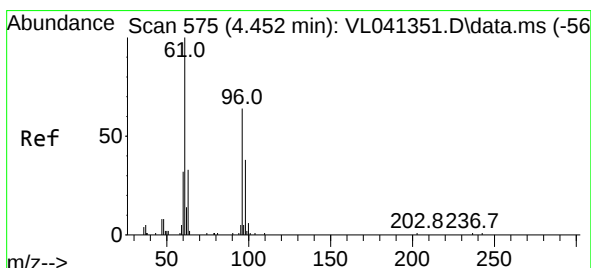
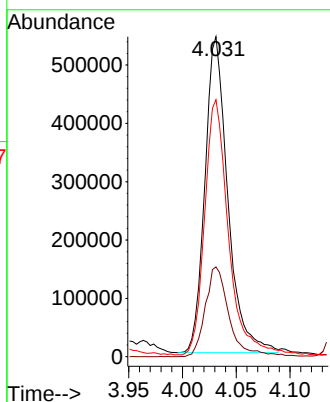
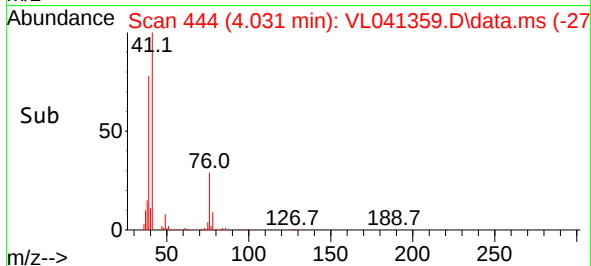


Tgt Ion: 41 Resp: 804254
 Ion Ratio Lower Upper
 41 100
 76 29.6 23.3 34.9
 39 84.7 66.0 99.0

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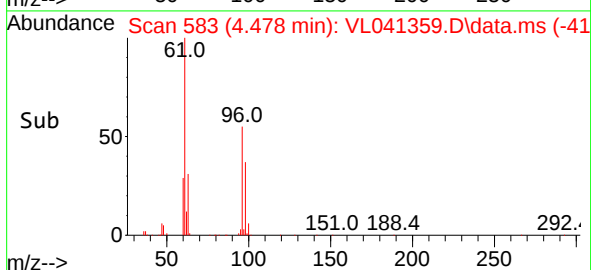
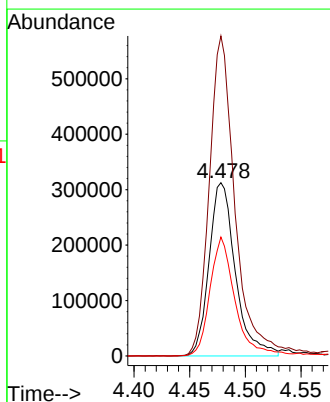
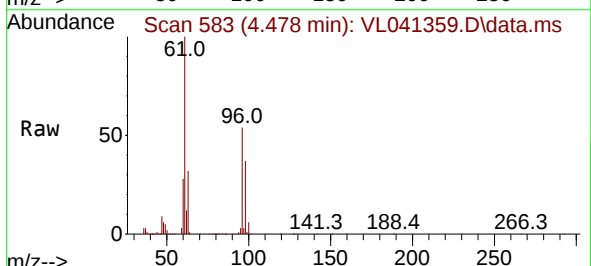
APPROVED

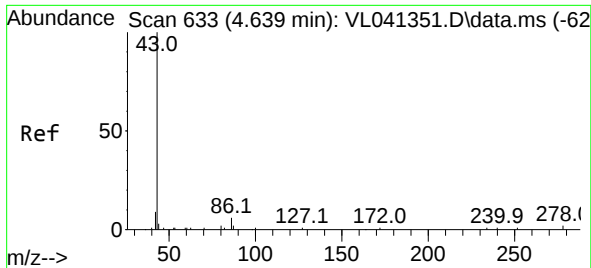
Reviewed By :Semsettin Yesilyurt 06/27/2024
 Supervised By :Mahesh Dadoda 06/27/2024



#22
 trans-1,2-Dichloroethene
 Concen: 9.045 ppbv
 RT: 4.478 min Scan# 583
 Delta R.T. 0.026 min
 Lab File: VL041359.D
 Acq: 26 Jun 2024 14:46

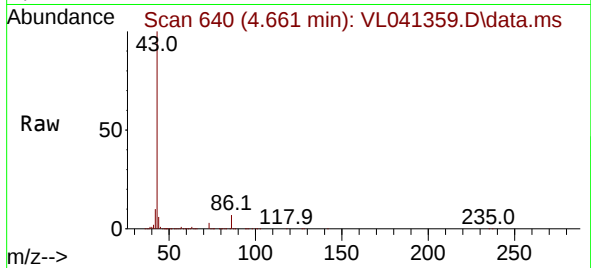
Tgt Ion: 96 Resp: 514776
 Ion Ratio Lower Upper
 96 100
 61 184.5 142.0 213.0
 98 68.6 52.2 78.2





#23
 Vinyl Acetate
 Concen: 10.550 ppbv
 RT: 4.661 min Scan# 640
 Delta R.T. 0.026 min
 Lab File: VL041359.D
 Acq: 26 Jun 2024 14:46

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL062624

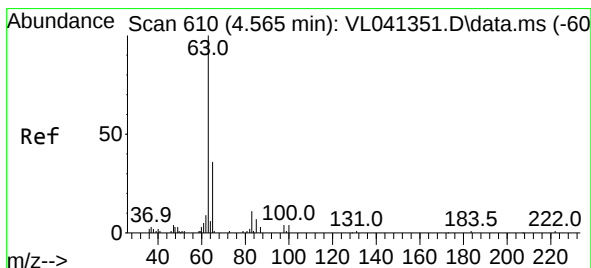
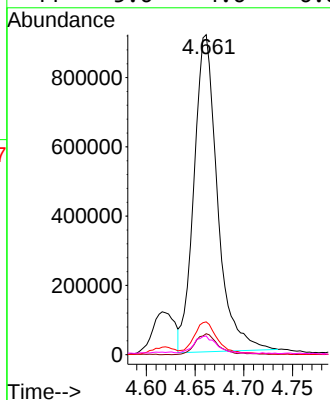
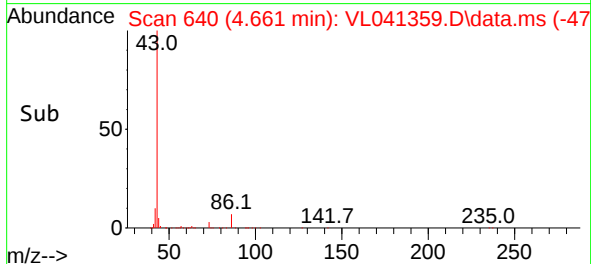


Tgt Ion: 43 Resp: 153801

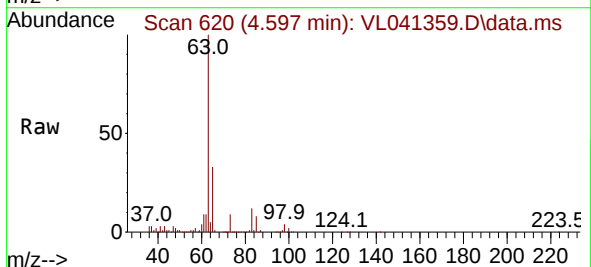
Ion	Ratio	Lower	Upper
43	100		
86	6.6	5.0	7.4
42	10.2	7.9	11.9
44	5.6	4.6	6.8

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/27/2024
 Supervised By :Mahesh Dadoda 06/27/2024

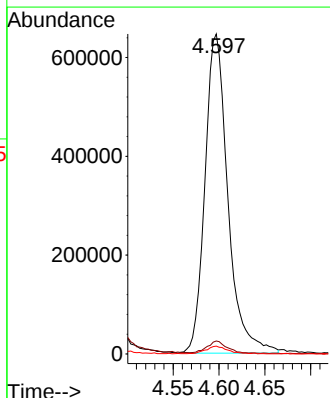
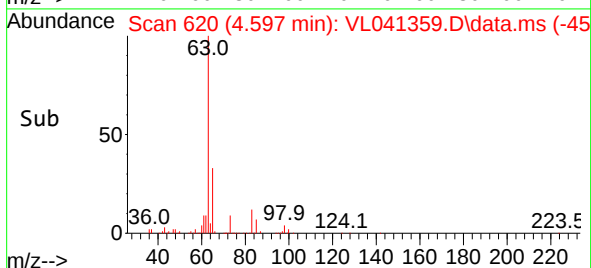


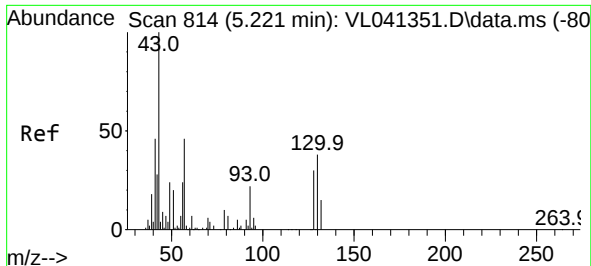
#24
 1,1-Dichloroethane
 Concen: 8.885 ppbv
 RT: 4.597 min Scan# 620
 Delta R.T. 0.026 min
 Lab File: VL041359.D
 Acq: 26 Jun 2024 14:46



Tgt Ion: 63 Resp: 1122935

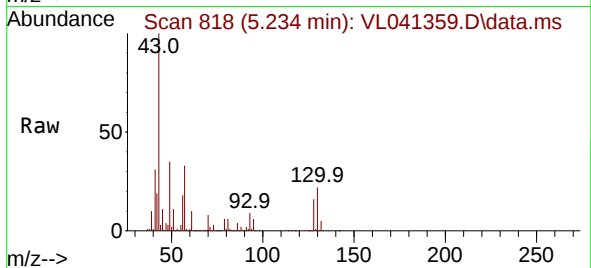
Ion	Ratio	Lower	Upper
63	100		
98	3.8	1.8	5.4
100	2.4	1.1	3.3





#25
Ethyl Acetate
Concen: 9.095 ppbv
RT: 5.234 min Scan# 814
Delta R.T. 0.019 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

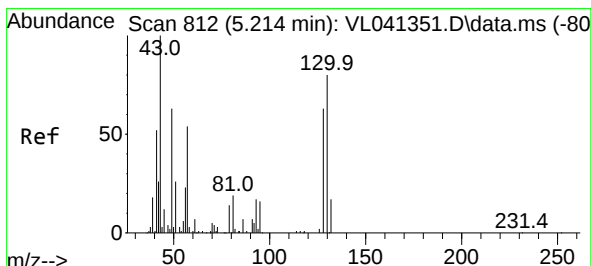
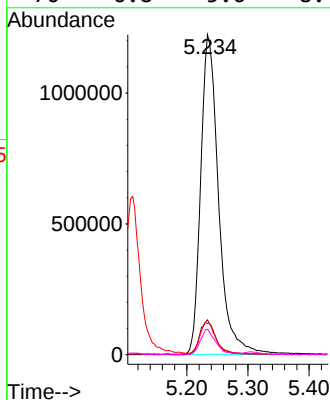
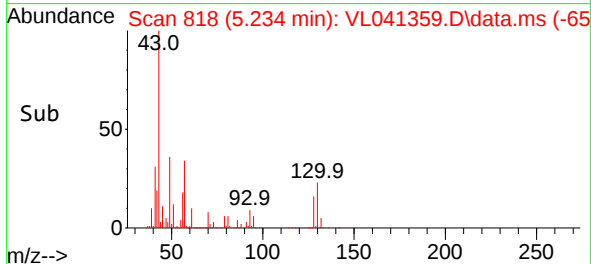
Instrument :
MSVOA_L
ClientSampleId :
ICVVL062624



Tgt Ion: 43 Resp: 247659
Ion Ratio Lower Upper
43 100
45 10.0 8.3 12.5
61 9.9 7.7 11.5
70 6.8 5.6 8.4

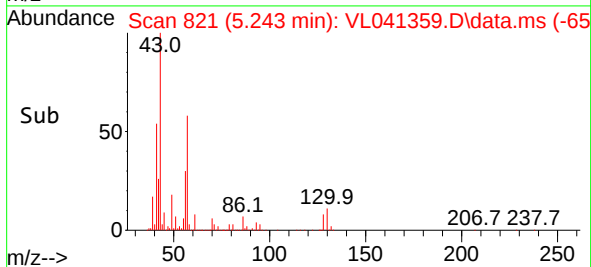
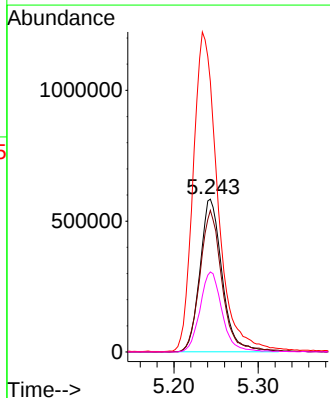
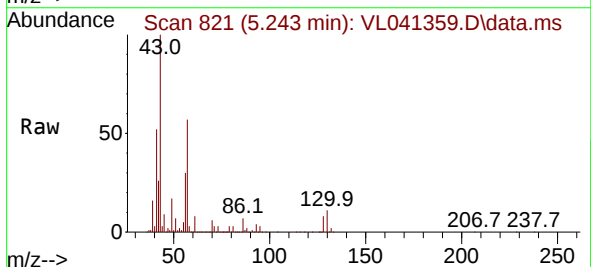
Manual Integrations
APPROVED

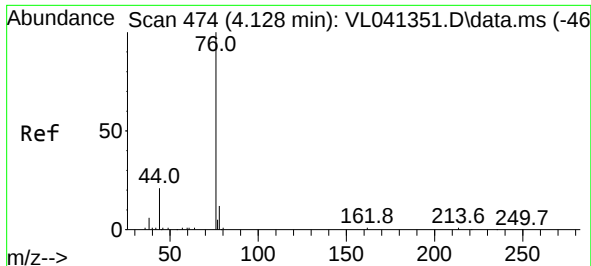
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#26
Hexane
Concen: 8.850 ppbv
RT: 5.243 min Scan# 821
Delta R.T. 0.023 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

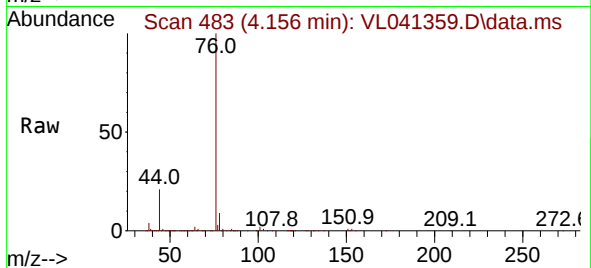
Tgt Ion: 57 Resp: 1067207
Ion Ratio Lower Upper
57 100
41 93.8 73.7 110.5
43 233.5 182.2 273.2
56 53.0 41.8 62.6





#27
Carbon Disulfide
Concen: 9.409 ppbv
RT: 4.156 min Scan# 41
Delta R.T. 0.026 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

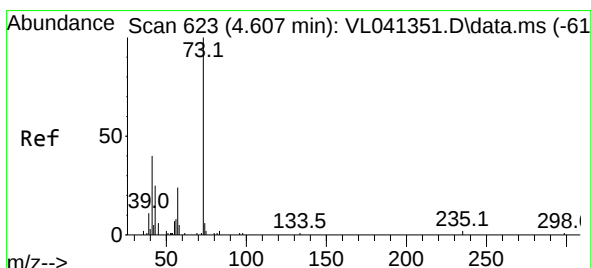
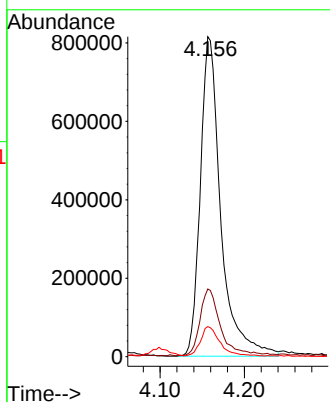
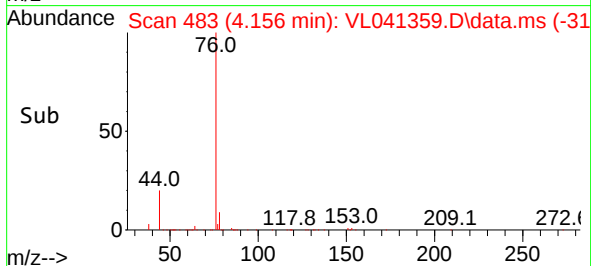
Instrument :
MSVOA_L
ClientSampleId :
ICVVL062624



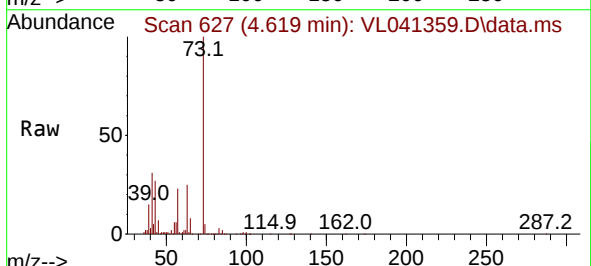
Tgt Ion: 76 Resp: 138036
Ion Ratio Lower Upper
76 100
44 21.4 17.4 26.2
78 9.3 7.3 10.9

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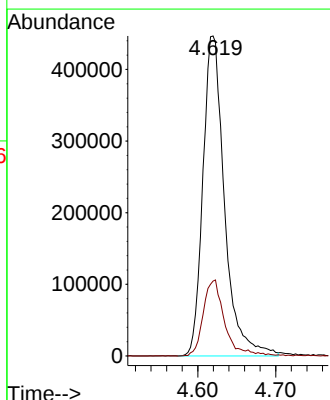
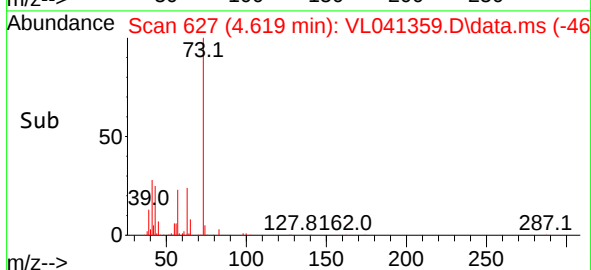
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

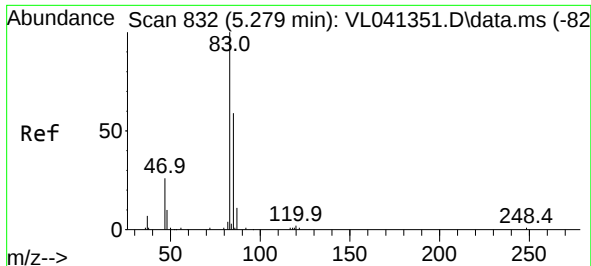


#28
Methyl tert-Butyl Ether
Concen: 9.637 ppbv
RT: 4.619 min Scan# 627
Delta R.T. 0.026 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46



Tgt Ion: 73 Resp: 861876
Ion Ratio Lower Upper
73 100
57 23.6 19.9 29.9





#29

Chloroform

Concen: 8.777 ppbv

RT: 5.308 min Scan# 84

Delta R.T. 0.023 min

Lab File: VL041359.D

Acq: 26 Jun 2024 14:46

Instrument :

MSVOA_L

ClientSampleId :

ICVVL062624

Tgt Ion: 83 Resp: 1632880

Ion Ratio Lower Upper

83 100

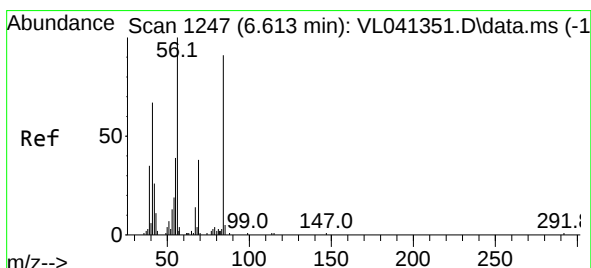
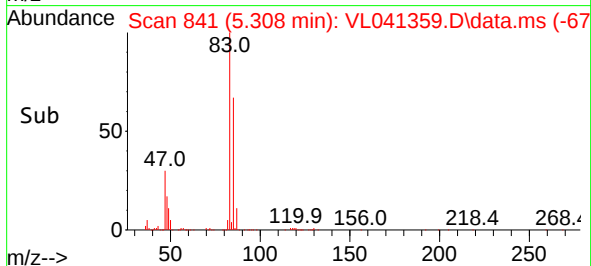
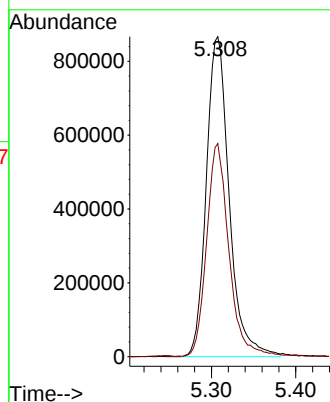
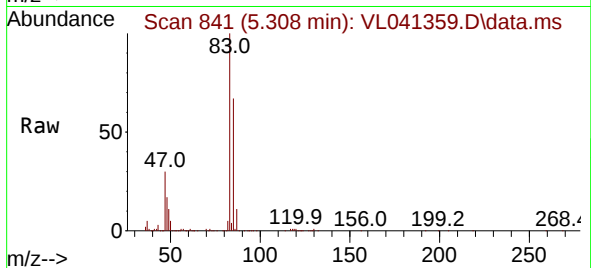
85 66.4 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#30

Cyclohexane

Concen: 9.402 ppbv

RT: 6.629 min Scan# 1252

Delta R.T. 0.016 min

Lab File: VL041359.D

Acq: 26 Jun 2024 14:46

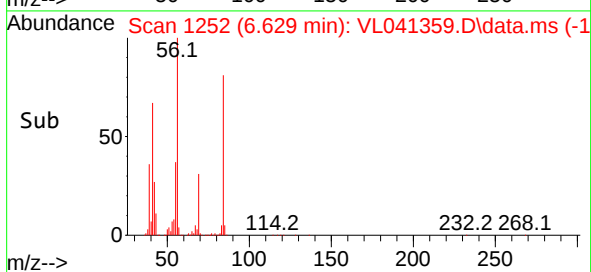
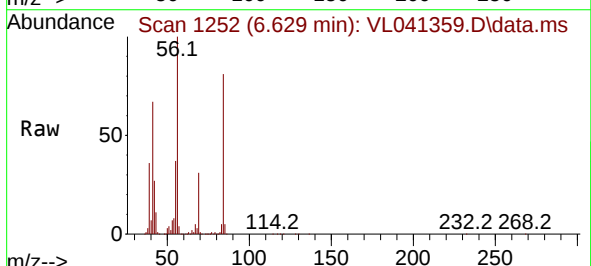
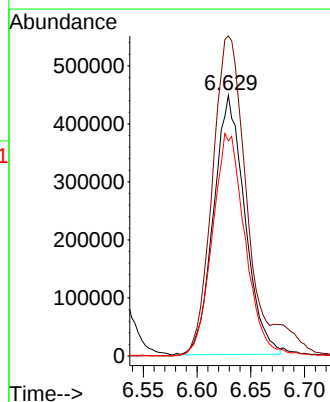
Tgt Ion: 84 Resp: 903111

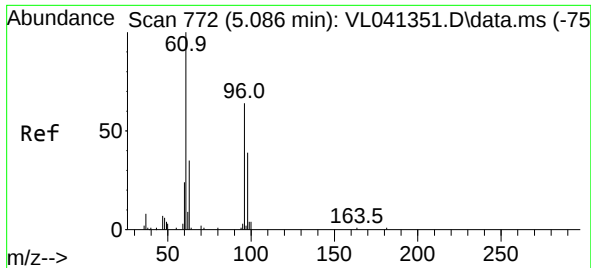
Ion Ratio Lower Upper

84 100

56 140.7 112.4 168.6

41 90.2 72.7 109.1





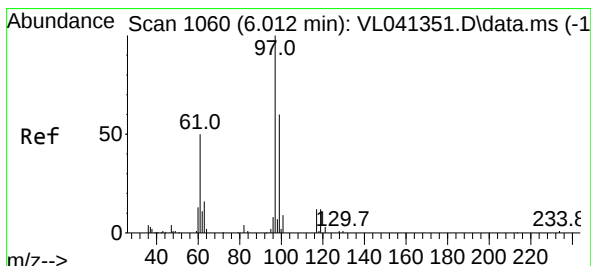
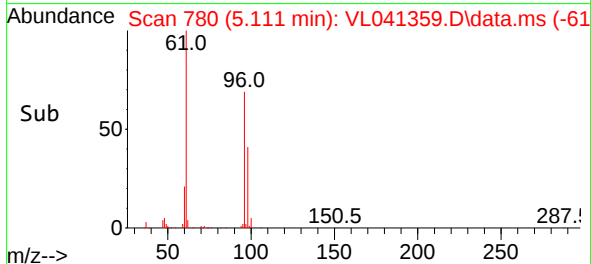
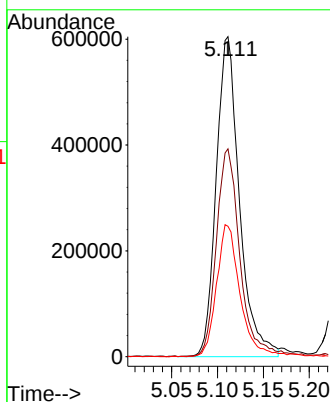
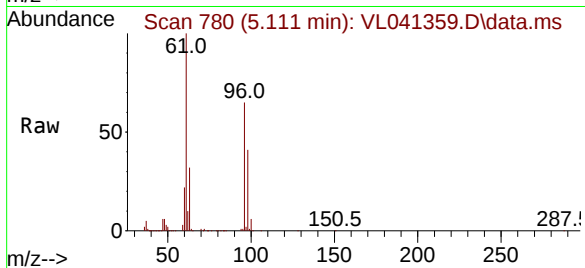
#31
 cis-1,2-Dichloroethene
 Concen: 9.227 ppbv
 RT: 5.111 min Scan# 71
 Delta R.T. 0.023 min
 Lab File: VL041359.D
 Acq: 26 Jun 2024 14:46

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL062624

Tgt Ion: 61 Resp: 1066604
 Ion Ratio Lower Upper
 61 100
 96 64.9 52.6 79.0
 98 40.7 32.3 48.5

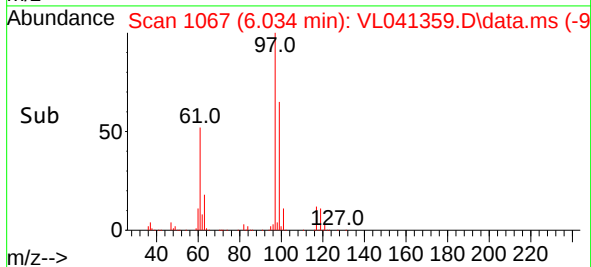
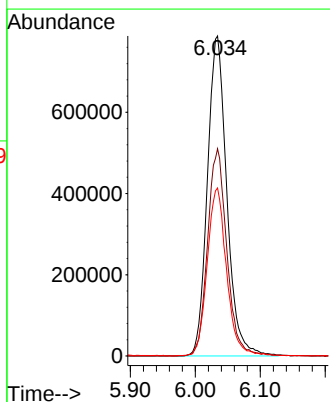
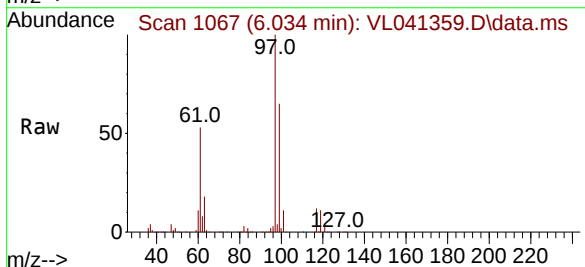
Manual Integrations
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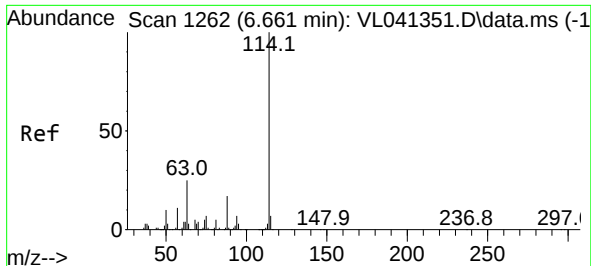
Reviewed By :Semsettin Yesilyurt 06/27/2024
 Supervised By :Mahesh Dadoda 06/27/2024



#32
 1,1,1-Trichloroethane
 Concen: 8.378 ppbv
 RT: 6.034 min Scan# 1067
 Delta R.T. 0.019 min
 Lab File: VL041359.D
 Acq: 26 Jun 2024 14:46

Tgt Ion: 97 Resp: 1635912
 Ion Ratio Lower Upper
 97 100
 99 64.3 52.0 78.0
 61 52.6 43.0 64.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.684 min Scan# 114

Delta R.T. 0.016 min

Lab File: VL041359.D

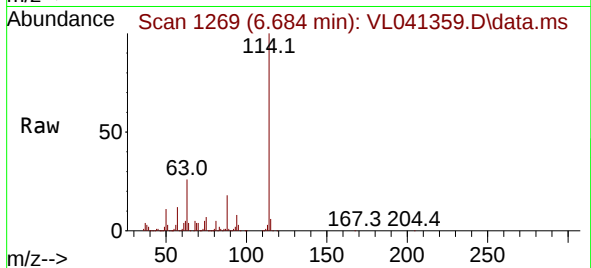
Acq: 26 Jun 2024 14:46

Instrument :

MSVOA_L

ClientSampleId :

ICVVL062624



Tgt Ion:114 Resp: 2962510

Ion Ratio Lower Upper

114 100

63 26.0 20.6 31.0

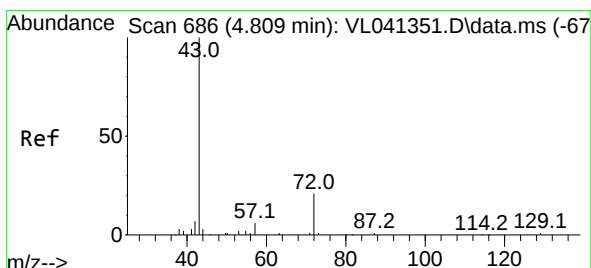
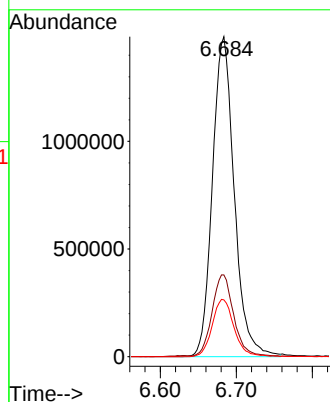
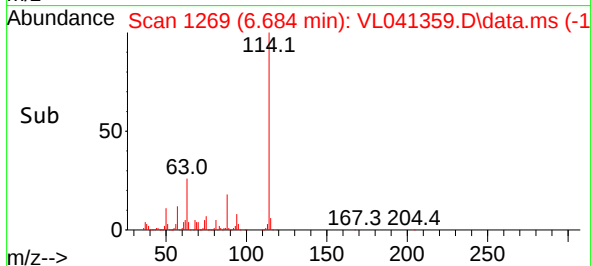
88 18.1 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#34

2-Butanone

Concen: 9.590 ppbv

RT: 4.819 min Scan# 689

Delta R.T. 0.023 min

Lab File: VL041359.D

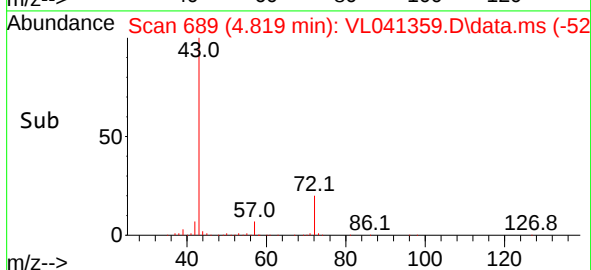
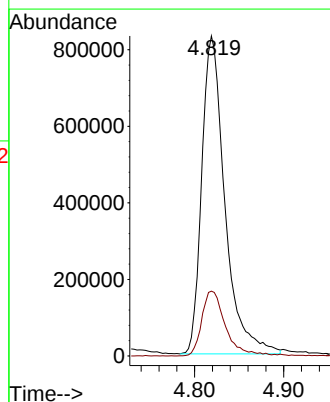
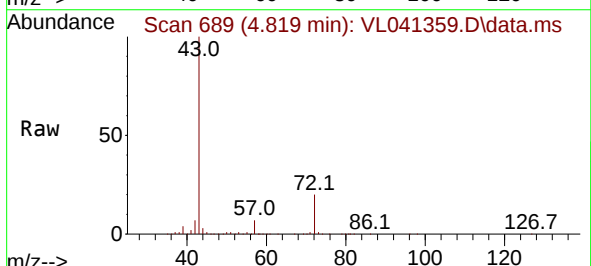
Acq: 26 Jun 2024 14:46

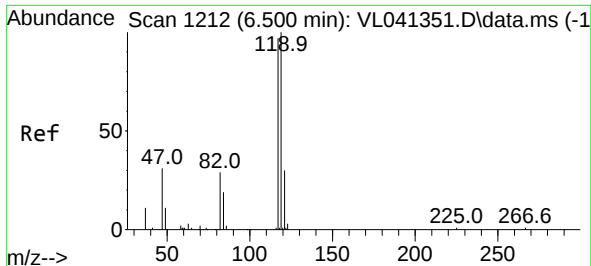
Tgt Ion: 43 Resp: 1499303

Ion Ratio Lower Upper

43 100

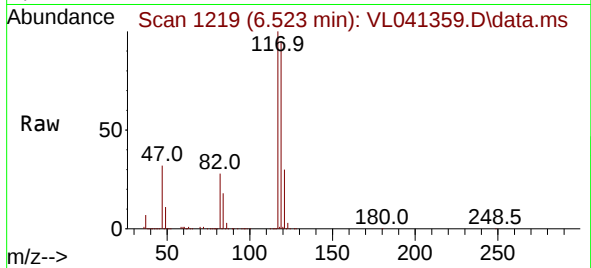
72 21.5 17.2 25.8





#35
Carbon Tetrachloride
Concen: 8.535 ppbv
RT: 6.523 min Scan# 117
Delta R.T. 0.016 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

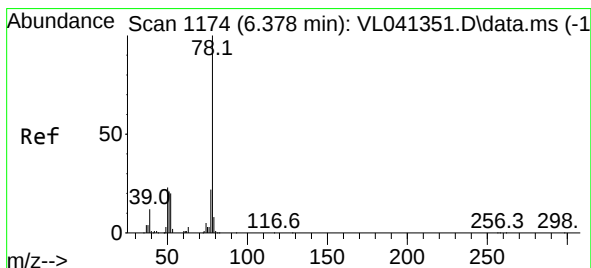
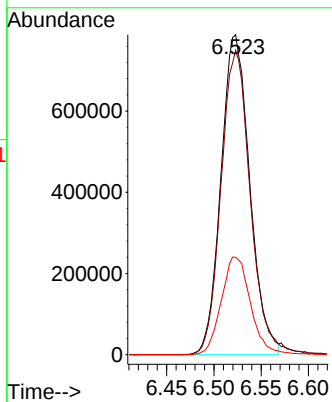
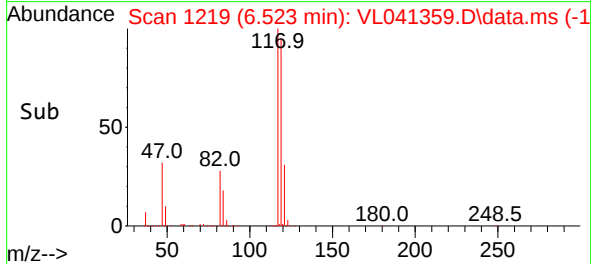
Instrument :
MSVOA_L
ClientSampleId :
ICVVL062624



Tgt Ion: 117 Resp: 1669878
Ion Ratio Lower Upper
117 100
119 95.2 77.2 115.8
121 30.4 25.2 37.8

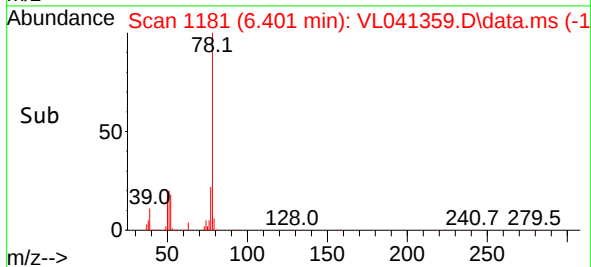
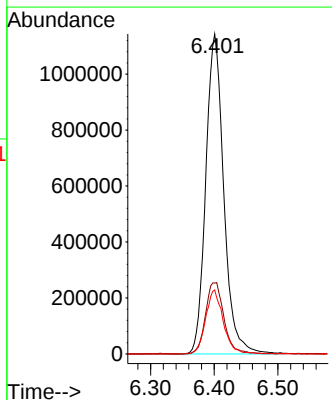
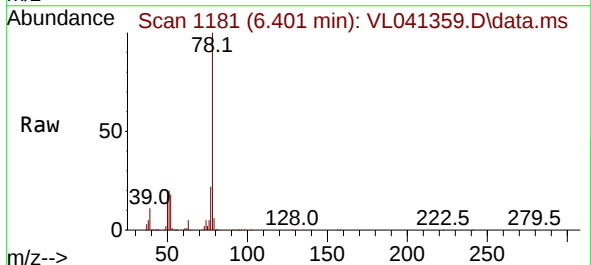
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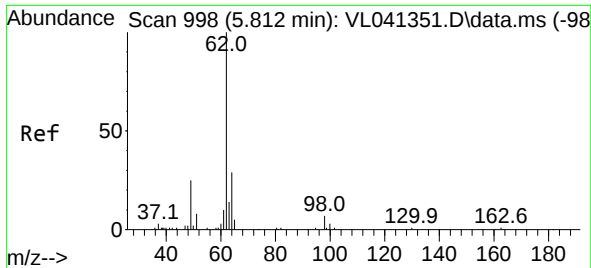
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#36
Benzene
Concen: 9.161 ppbv
RT: 6.401 min Scan# 1181
Delta R.T. 0.019 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

Tgt Ion: 78 Resp: 2246157
Ion Ratio Lower Upper
78 100
77 22.1 17.9 26.9
50 20.0 15.5 23.3





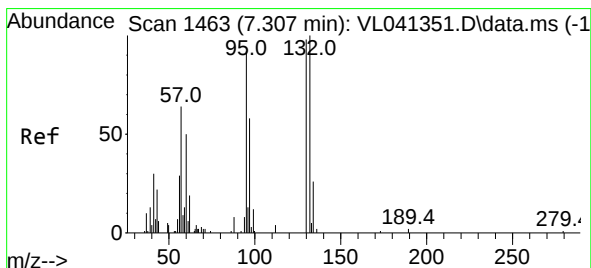
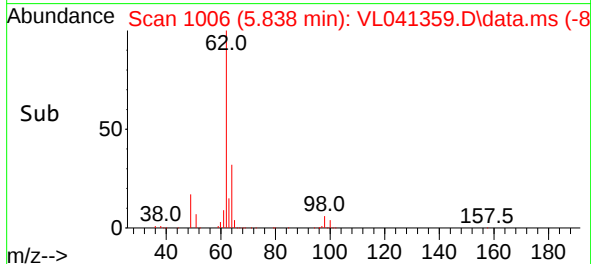
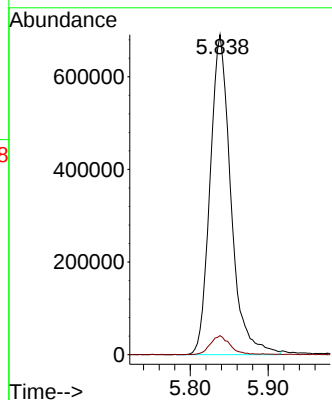
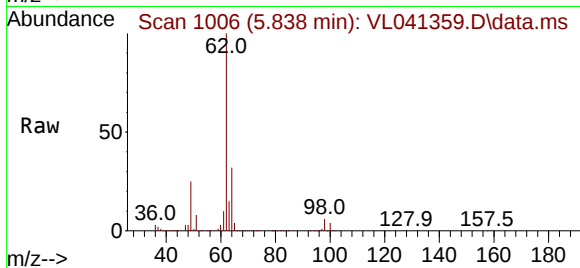
#37
1,2-Dichloroethane
Concen: 9.095 ppbv
RT: 5.838 min Scan# 1006
Delta R.T. 0.019 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

Instrument :
MSVOA_L
ClientSampleId :
ICVVL062624

Tgt Ion: 62 Resp: 127947
Ion Ratio Lower Upper
62 100
98 5.8 4.8 7.2

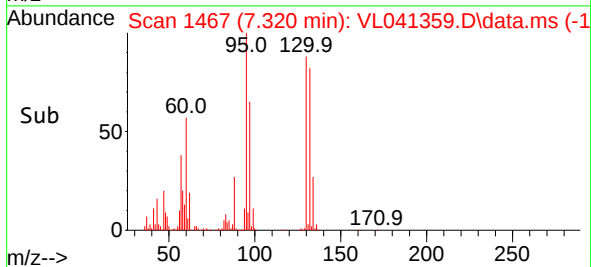
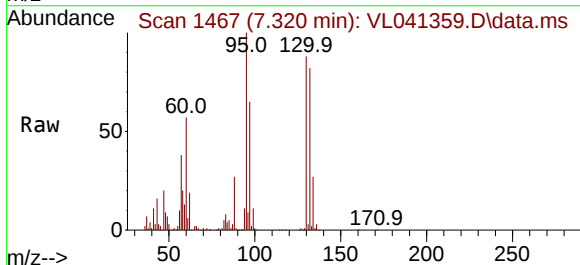
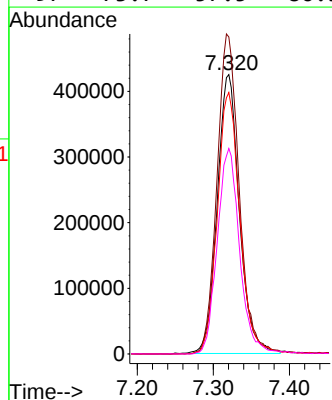
Manual Integrations
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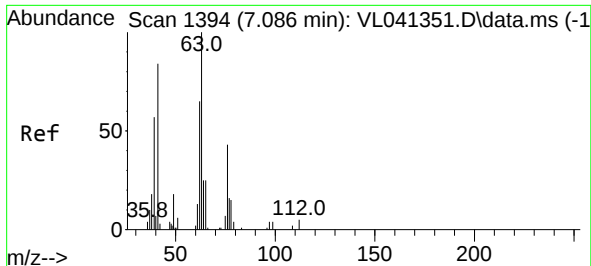
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#38
Trichloroethene
Concen: 8.063 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. 0.013 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

Tgt Ion:130 Resp: 861200
Ion Ratio Lower Upper
130 100
95 113.7 90.0 135.0
132 93.7 74.8 112.2
97 73.7 57.5 86.3





#39

1,2-Dichloropropane

Concen: 9.176 ppbv

RT: 7.102 min Scan# 11

Delta R.T. 0.013 min

Lab File: VL041359.D

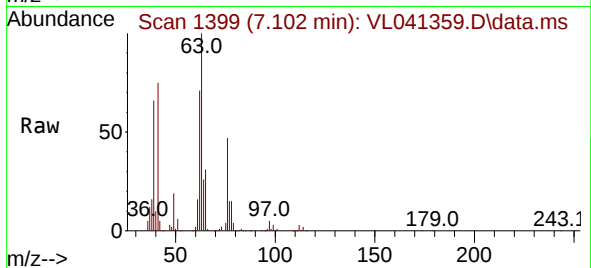
Acq: 26 Jun 2024 14:46

Instrument :

MSVOA_L

ClientSampleId :

ICVVL062624



Tgt Ion: 63 Resp: 86937

Ion Ratio Lower Upper

63 100

41 74.8 64.0 96.0

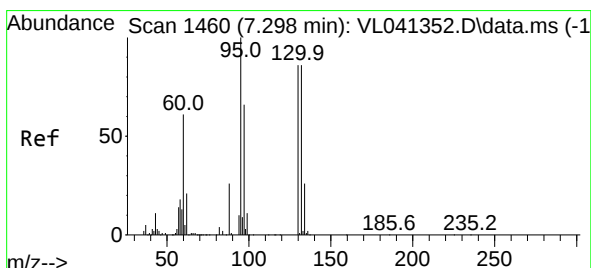
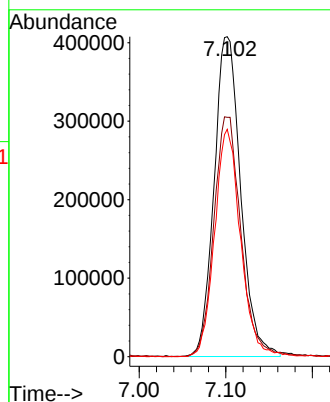
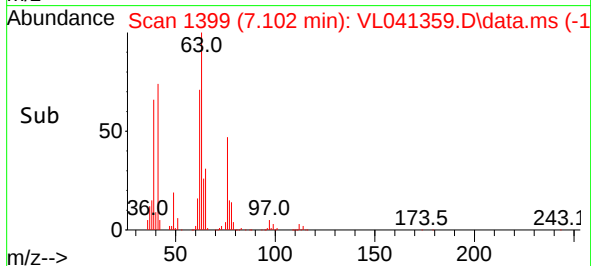
62 71.1 55.2 82.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#40

1,4-Dioxane

Concen: 10.659 ppbv

RT: 7.314 min Scan# 1465

Delta R.T. 0.016 min

Lab File: VL041359.D

Acq: 26 Jun 2024 14:46

Tgt Ion: 88 Resp: 323768

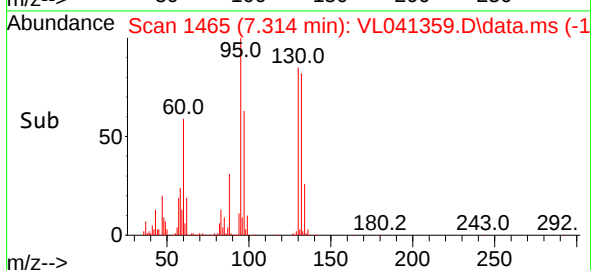
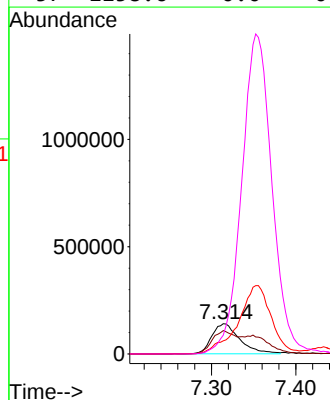
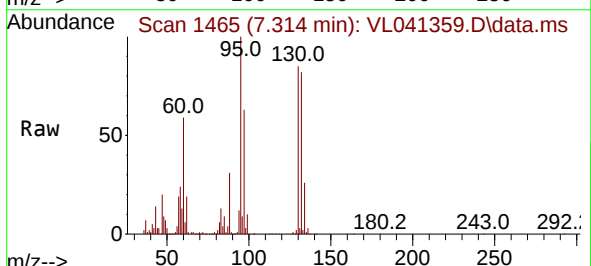
Ion Ratio Lower Upper

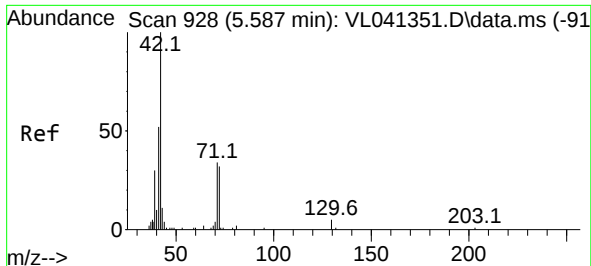
88 100

58 127.3 47.9 71.9#

43 268.0 0.0 0.0#

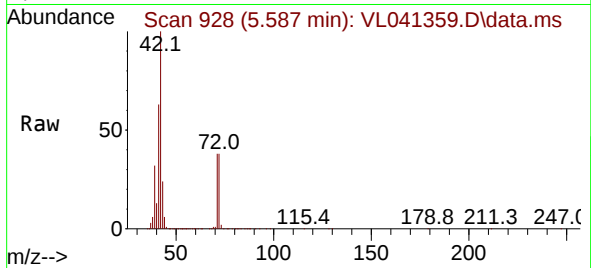
57 1158.6 0.0 0.0#





#41
Tetrahydrofuran
Concen: 9.887 ppbv
RT: 5.587 min Scan# 91
Delta R.T. 0.023 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

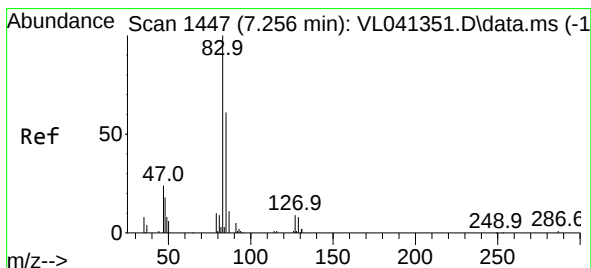
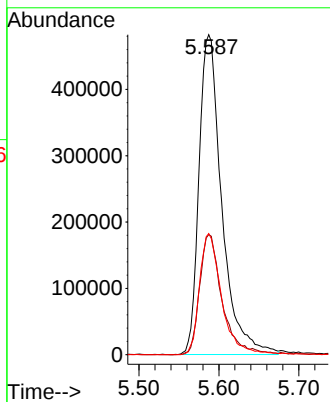
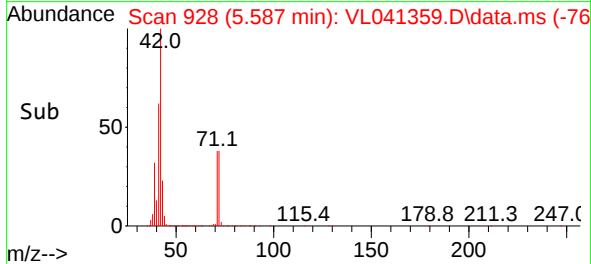
Instrument :
MSVOA_L
ClientSampleId :
ICVVL062624



Tgt Ion: 42 Resp: 957334
Ion Ratio Lower Upper
42 100
72 37.5 30.3 45.5
71 37.0 29.7 44.5

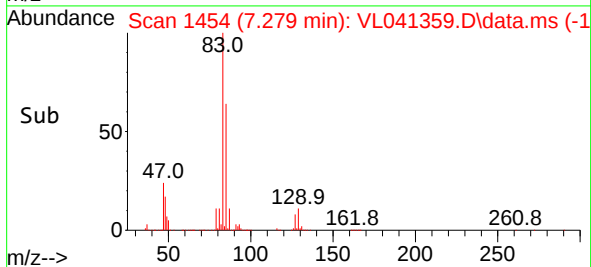
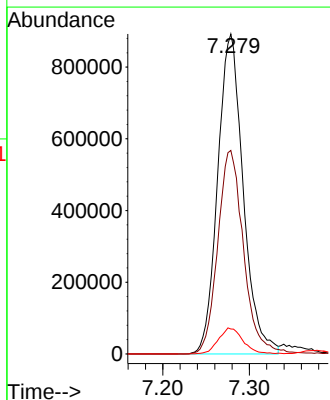
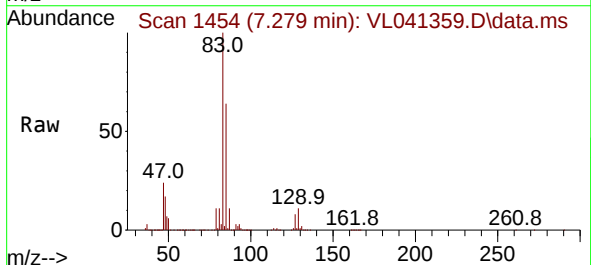
Manual Integrations
APPROVED

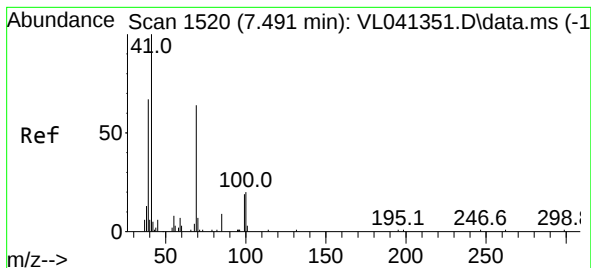
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#42
Bromodichloromethane
Concen: 9.282 ppbv
RT: 7.279 min Scan# 1454
Delta R.T. 0.013 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

Tgt Ion: 83 Resp: 1826954
Ion Ratio Lower Upper
83 100
85 63.6 52.0 78.0
127 7.8 6.0 9.0





#43

Methyl Methacrylate

Concen: 10.037 ppbv

RT: 7.500 min Scan# 11

Delta R.T. 0.013 min

Lab File: VL041359.D

Acq: 26 Jun 2024 14:46

Instrument :

MSVOA_L

ClientSampleId :

ICVVL062624

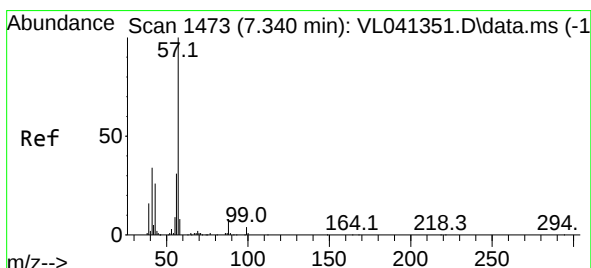
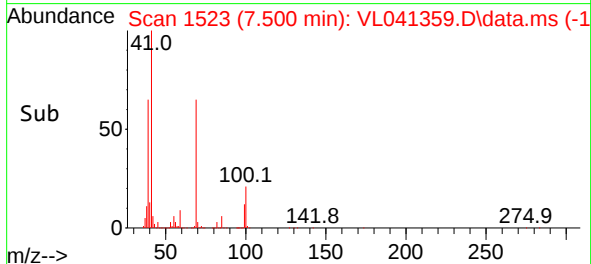
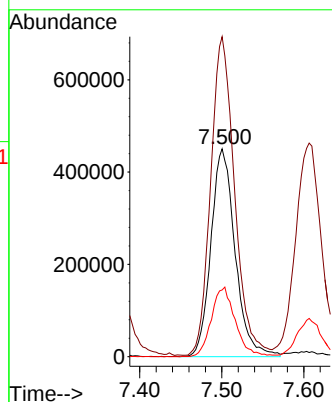
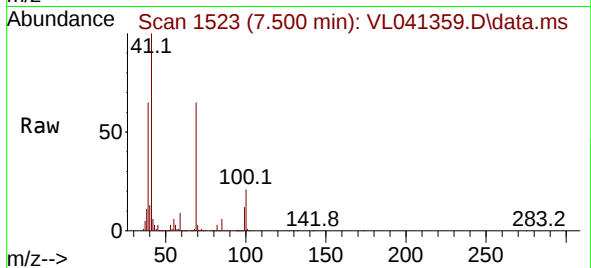
Tgt Ion: 69 Resp: 924507

Ion	Ratio	Lower	Upper
69	100		
41	151.7	125.0	187.6
100	33.2	26.8	40.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#44

2,2,4-Trimethylpentane

Concen: 9.001 ppbv

RT: 7.352 min Scan# 1477

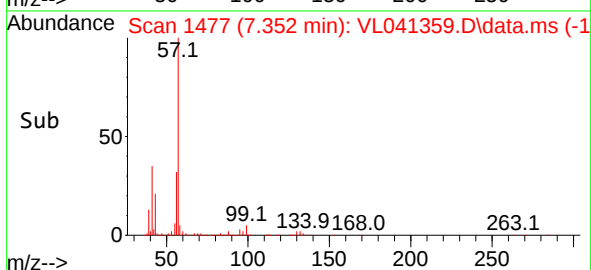
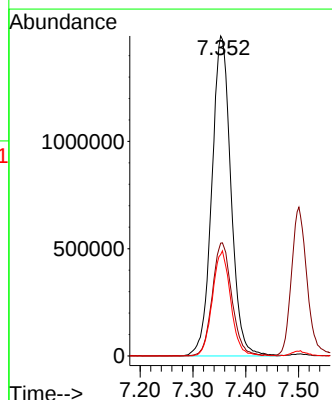
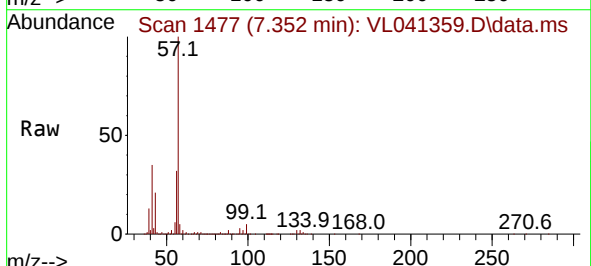
Delta R.T. 0.013 min

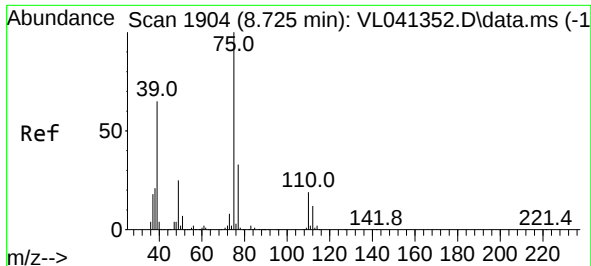
Lab File: VL041359.D

Acq: 26 Jun 2024 14:46

Tgt Ion: 57 Resp: 3750382

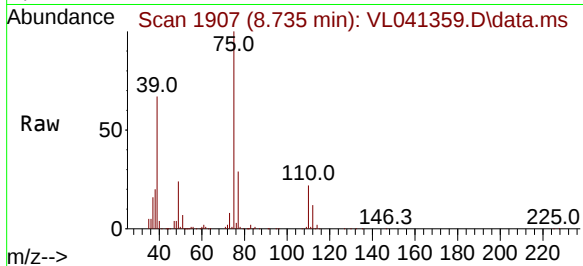
Ion	Ratio	Lower	Upper
57	100		
41	36.2	29.6	44.4
56	31.5	25.7	38.5





#45
t-1,3-Dichloropropene
Concen: 10.889 ppbv
RT: 8.735 min Scan# 1904
Delta R.T. 0.010 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

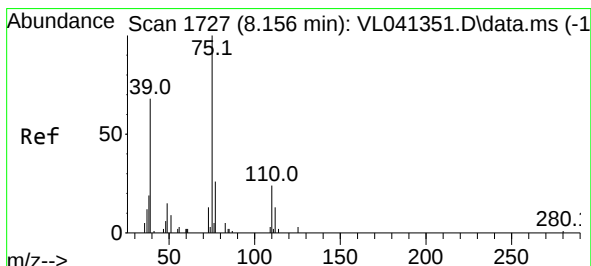
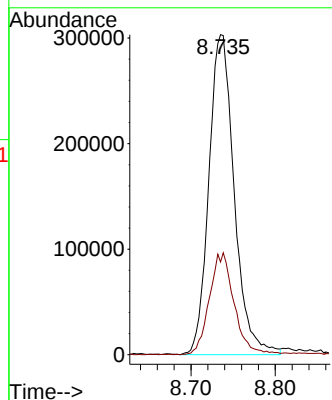
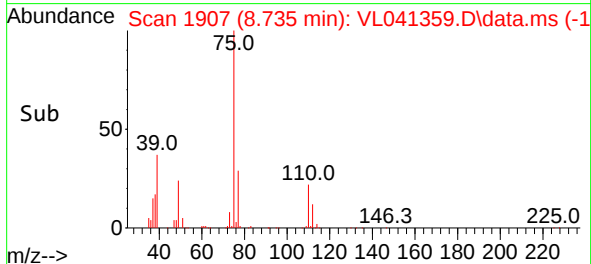
Instrument :
MSVOA_L
ClientSampleId :
ICVVL062624



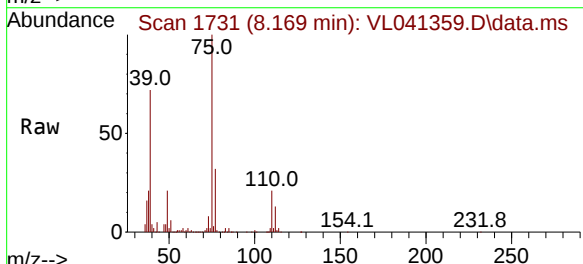
Tgt Ion: 75 Resp: 634792
Ion Ratio Lower Upper
75 100
77 29.0 26.2 39.2

Manual Integrations
APPROVED

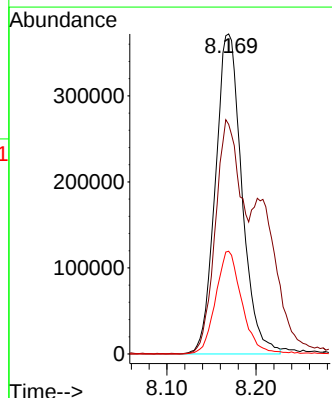
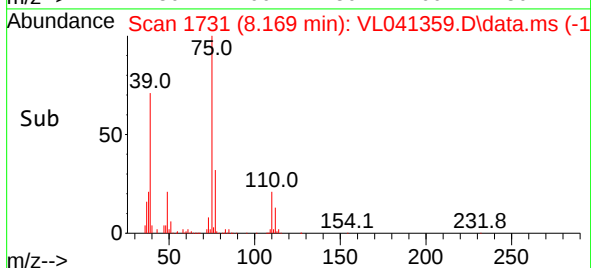
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

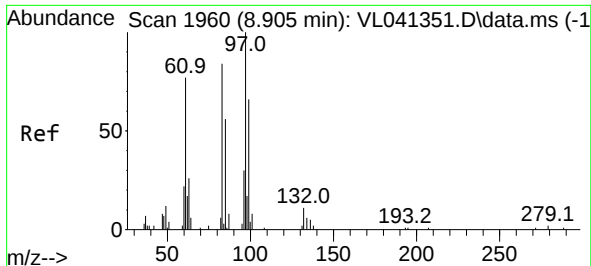


#46
cis-1,3-Dichloropropene
Concen: 9.806 ppbv
RT: 8.169 min Scan# 1731
Delta R.T. 0.010 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46



Tgt Ion: 75 Resp: 768677
Ion Ratio Lower Upper
75 100
39 71.7 56.6 85.0
77 32.1 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 8.935 ppbv

RT: 8.925 min Scan# 1966

Delta R.T. 0.013 min

Lab File: VL041359.D

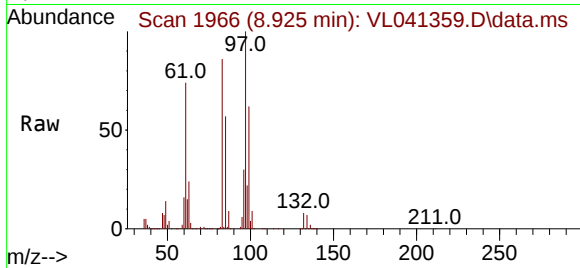
Acq: 26 Jun 2024 14:46

Instrument :

MSVOA_L

ClientSampleId :

ICVVL062624



Tgt Ion: 97 Resp: 907990

Ion Ratio Lower Upper

97 100

83 85.8 72.4 108.6

85 57.1 42.6 64.0

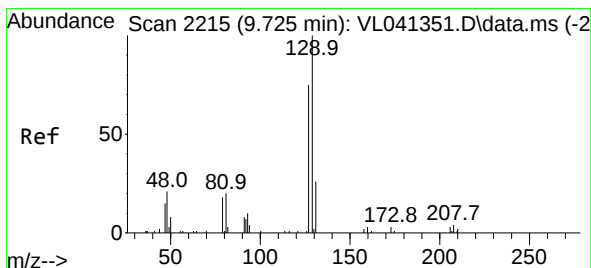
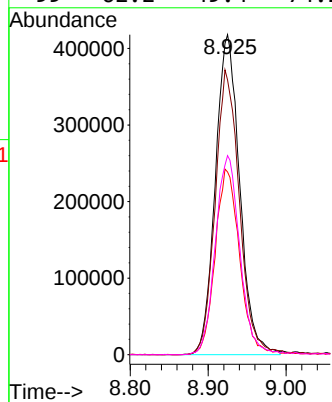
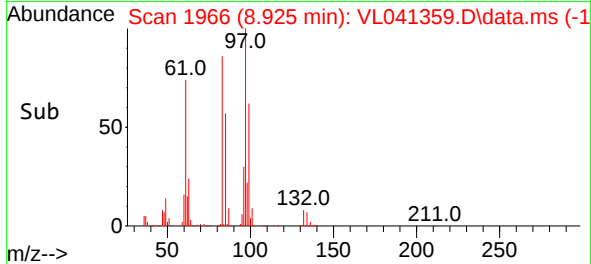
99 62.2 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#48

Dibromochloromethane

Concen: 9.443 ppbv

RT: 9.735 min Scan# 2218

Delta R.T. 0.006 min

Lab File: VL041359.D

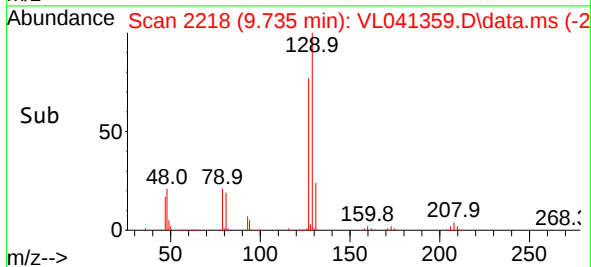
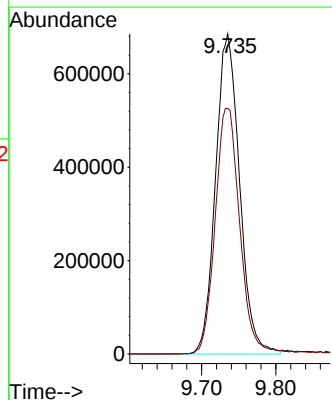
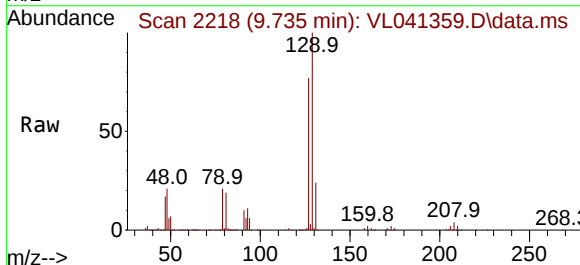
Acq: 26 Jun 2024 14:46

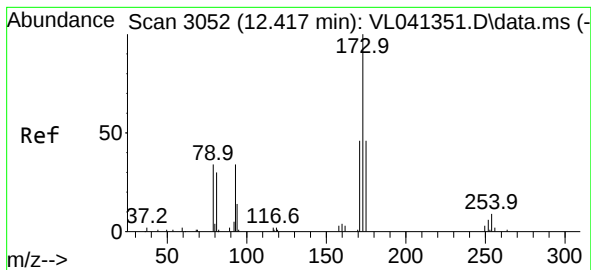
Tgt Ion:129 Resp: 1541096

Ion Ratio Lower Upper

129 100

127 80.1 39.9 119.7





#49

Bromoform

Concen: 9.623 ppbv

RT: 12.429 min Scan# 3052

Delta R.T. 0.006 min

Lab File: VL041359.D

Acq: 26 Jun 2024 14:46

Instrument :

MSVOA_L

ClientSampleId :

ICVVL062624

Tgt Ion:173 Resp: 125067

Ion Ratio Lower Upper

173 100

175 50.9 40.3 60.5

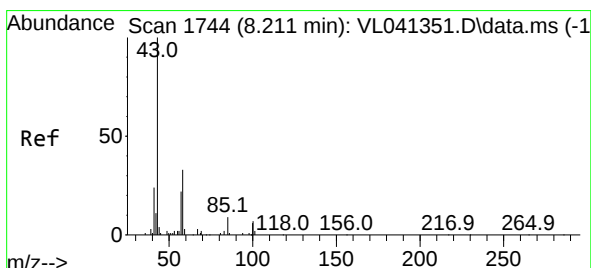
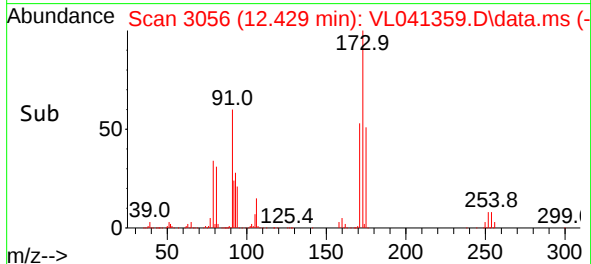
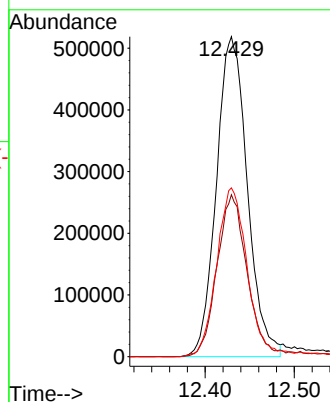
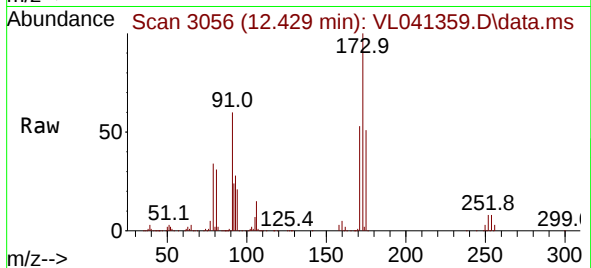
171 54.7 43.8 65.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#50

4-Methyl-2-Pentanone

Concen: 9.337 ppbv

RT: 8.208 min Scan# 1743

Delta R.T. 0.013 min

Lab File: VL041359.D

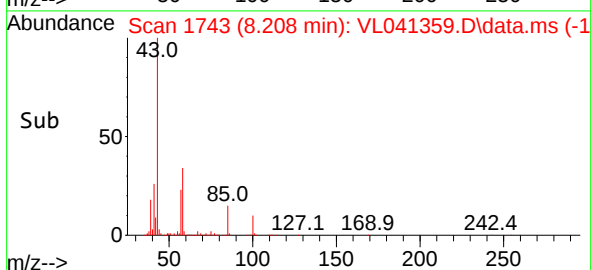
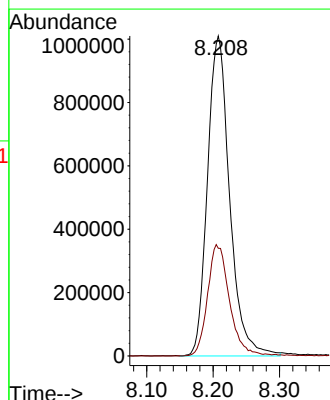
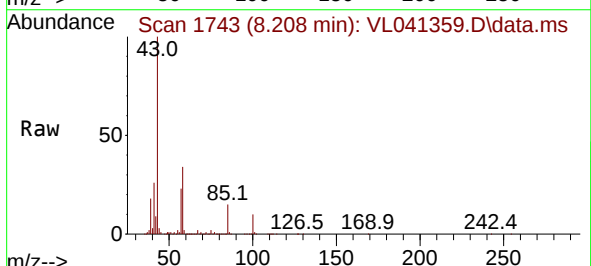
Acq: 26 Jun 2024 14:46

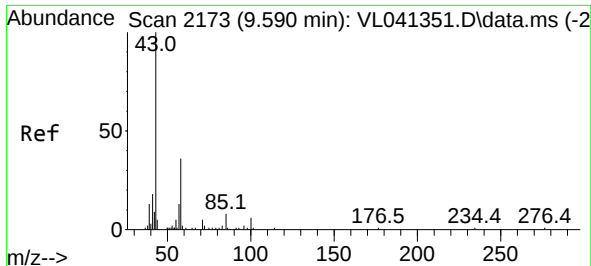
Tgt Ion: 43 Resp: 2343996

Ion Ratio Lower Upper

43 100

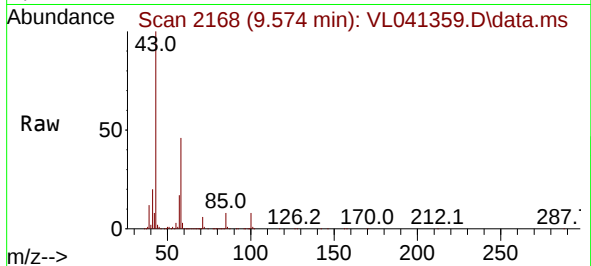
58 34.8 27.8 41.8





#51
2-Hexanone
Concen: 9.480 ppbv
RT: 9.574 min Scan# 2173
Delta R.T. 0.006 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

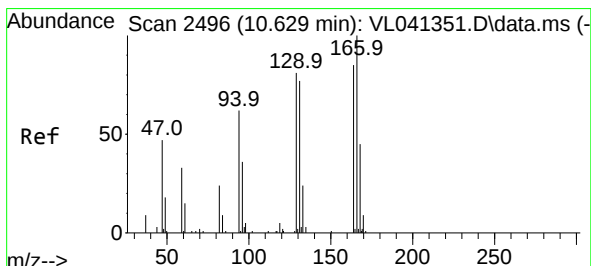
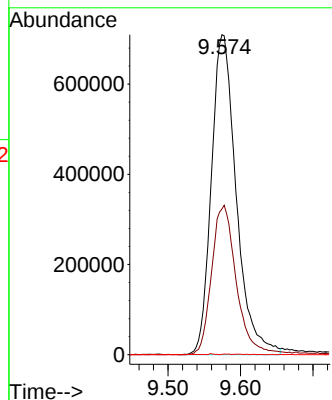
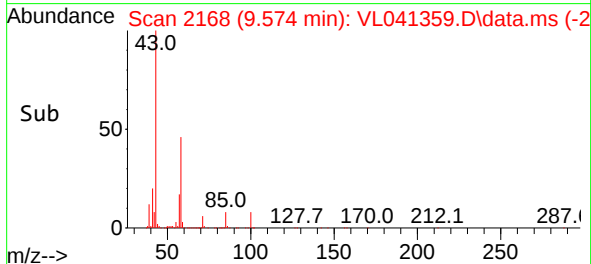
Instrument : MSVOA_L
ClientSampleId : ICVVL062624



Tgt Ion: 43 Resp: 1691720
Ion Ratio Lower Upper
43 100
58 47.2 38.0 57.0
98 0.2 0.2 0.2

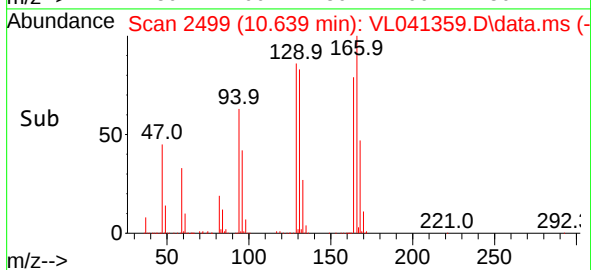
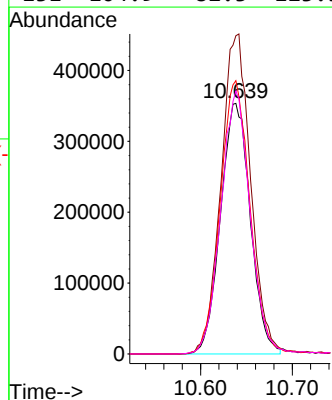
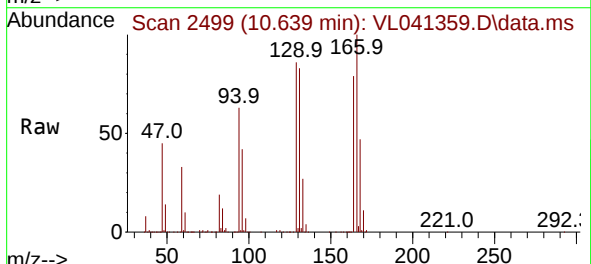
Manual Integrations
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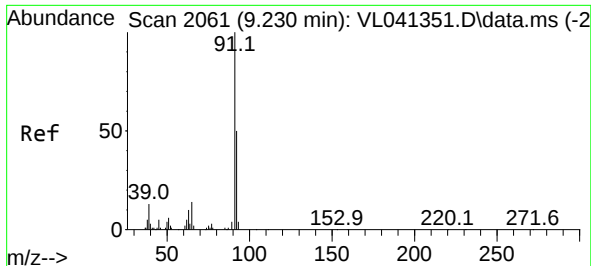
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#52
Tetrachloroethene
Concen: 8.100 ppbv
RT: 10.639 min Scan# 2499
Delta R.T. 0.006 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

Tgt Ion:164 Resp: 797472
Ion Ratio Lower Upper
164 100
166 127.0 99.8 149.8
129 109.0 83.8 125.6
131 104.9 82.3 123.5





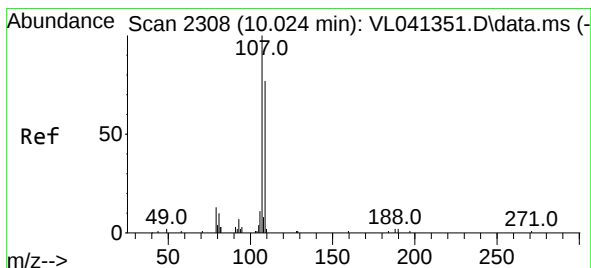
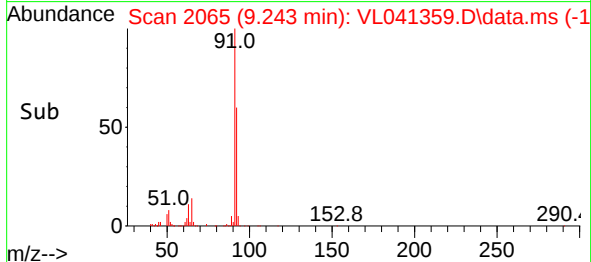
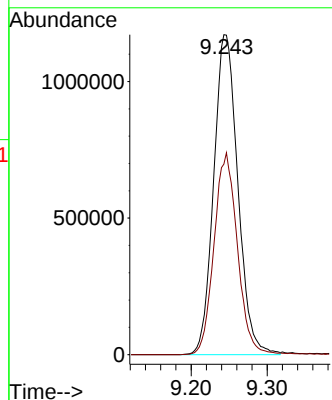
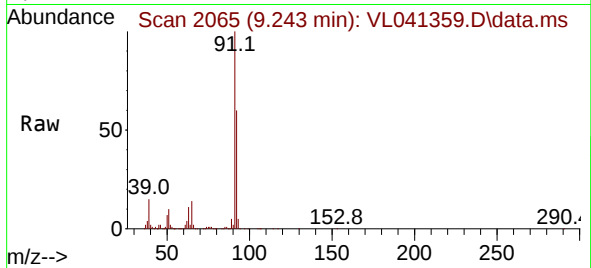
#53
Toluene
Concen: 9.355 ppbv
RT: 9.243 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

Instrument :
MSVOA_L
ClientSampleId :
ICVVL062624

Tgt Ion: 91 Resp: 2586820
Ion Ratio Lower Upper
91 100
92 61.5 48.5 72.7

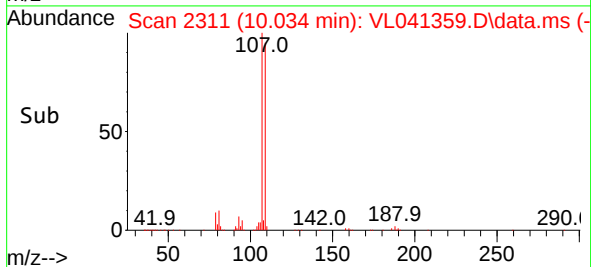
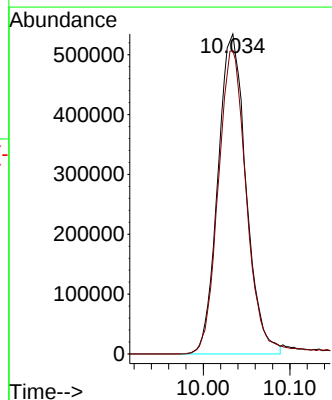
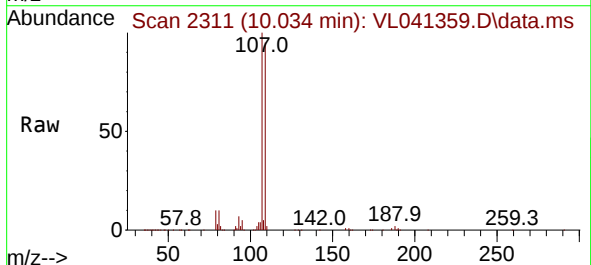
Manual Integrations
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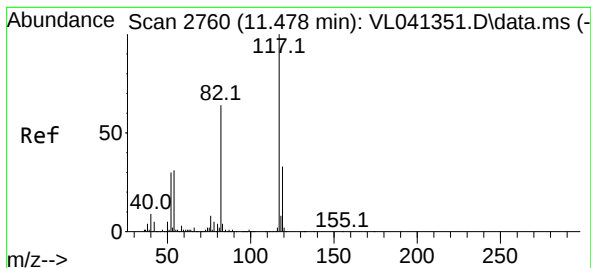
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#54
1,2-Dibromoethane
Concen: 9.596 ppbv
RT: 10.034 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

Tgt Ion:107 Resp: 1206886
Ion Ratio Lower Upper
107 100
109 94.9 75.8 113.6





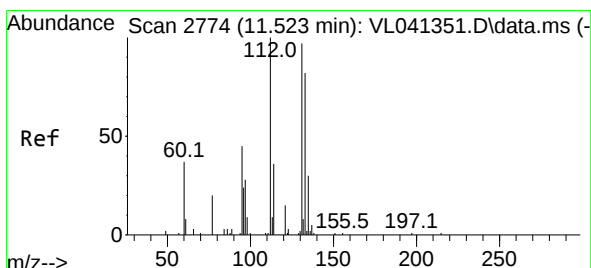
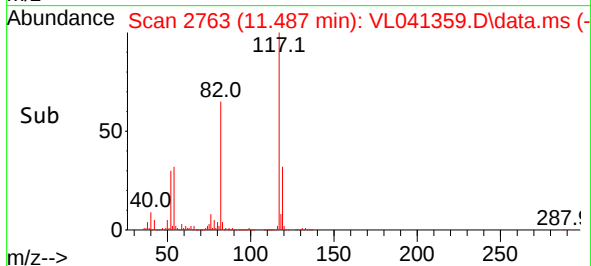
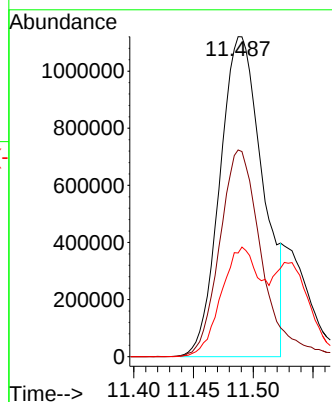
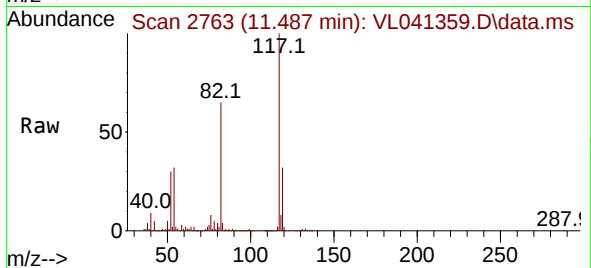
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.487 min Scan# 2760
Delta R.T. 0.003 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

Instrument :
MSVOA_L
ClientSampleId :
ICVVL062624

Tgt Ion:117 Resp: 2794934
Ion Ratio Lower Upper
117 100
82 64.6 50.6 75.8
119 32.2 24.7 37.1

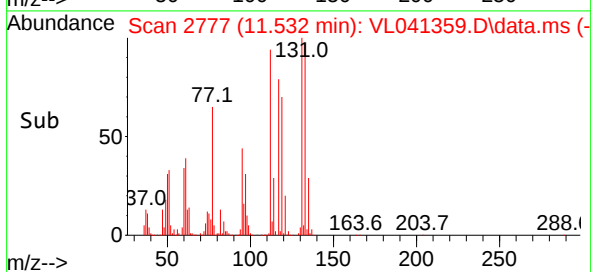
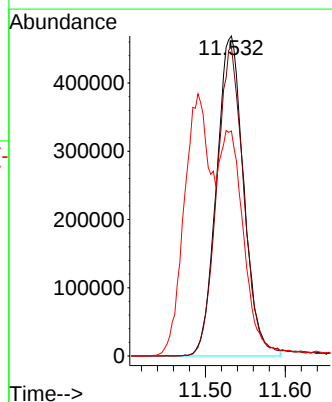
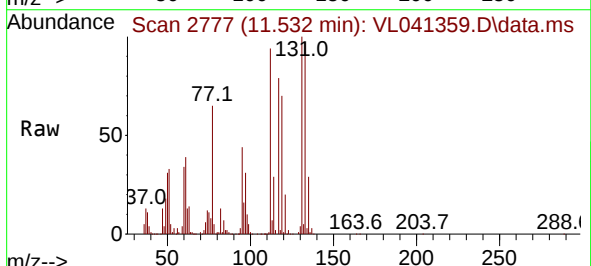
Manual Integrations
APPROVED

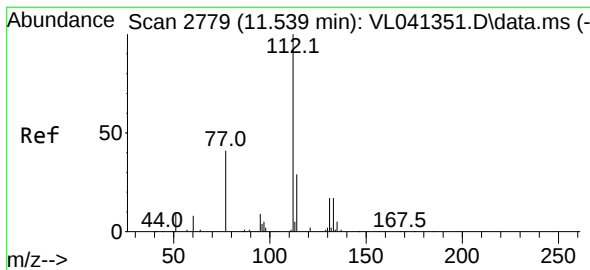
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 8.817 ppbv
RT: 11.532 min Scan# 2777
Delta R.T. 0.006 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

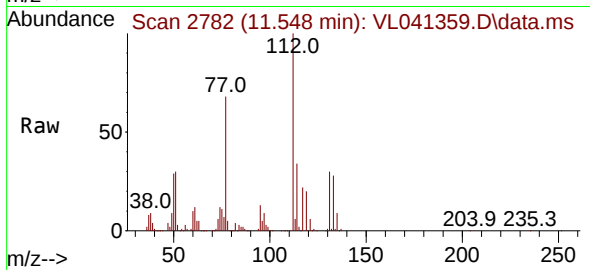
Tgt Ion:131 Resp: 1108883
Ion Ratio Lower Upper
131 100
133 97.7 76.8 115.2
119 68.1 49.4 74.0





#57
Chlorobenzene
Concen: 8.780 ppbv
RT: 11.548 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

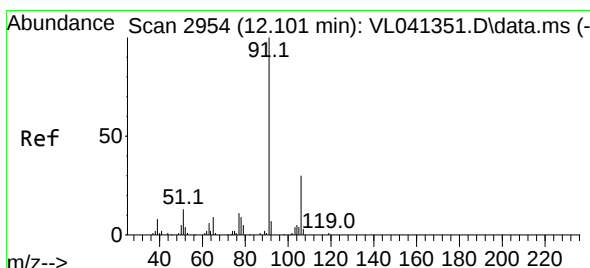
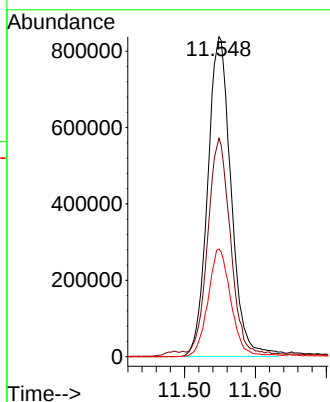
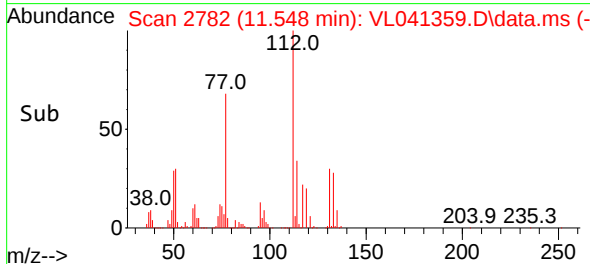
Instrument :
MSVOA_L
ClientSampleId :
ICVVL062624



Tgt Ion:112 Resp: 1925062
Ion Ratio Lower Upper
112 100
77 67.3 53.2 79.8
114 33.6 30.1 36.7

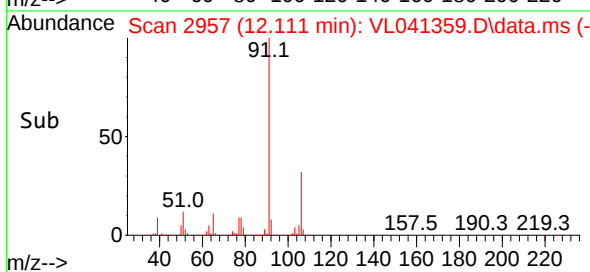
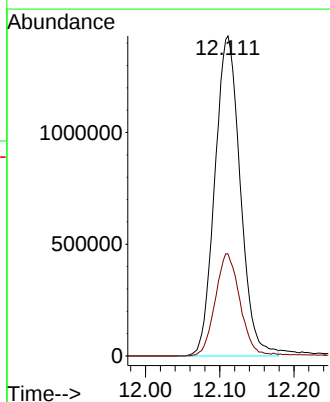
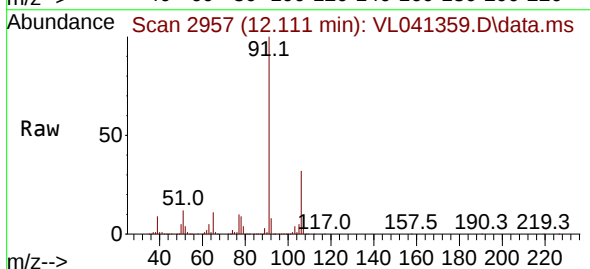
Manual Integrations
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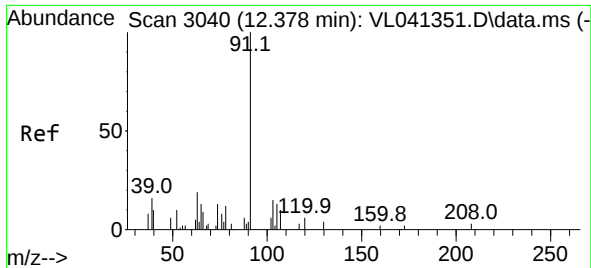
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#58
Ethyl Benzene
Concen: 9.117 ppbv
RT: 12.111 min Scan# 2957
Delta R.T. 0.006 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

Tgt Ion: 91 Resp: 3409008
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.0





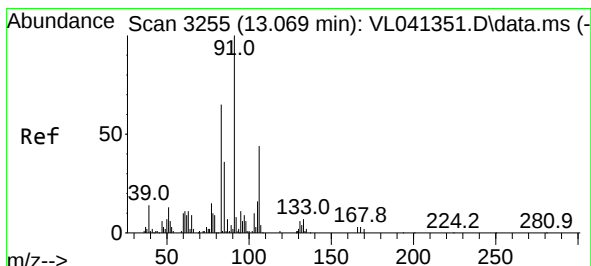
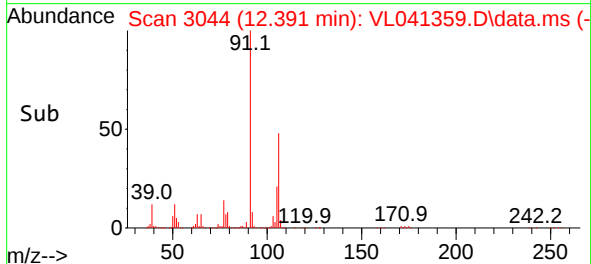
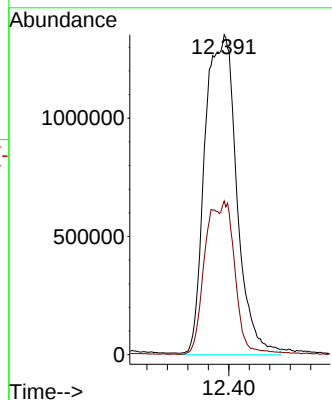
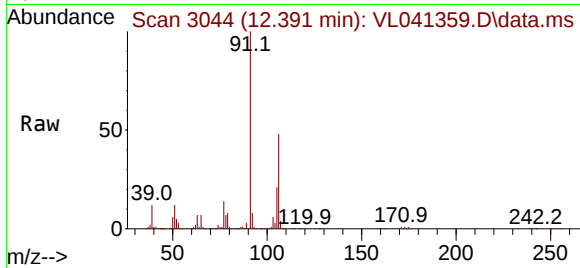
#59
m/p-Xylene
Concen: 17.987 ppbv m
RT: 12.391 min Scan# 3044
Delta R.T. 0.006 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

Instrument :
MSVOA_L
ClientSampleId :
ICVVL062624

Tgt Ion: 91 Resp: 582097
Ion Ratio Lower Upper
91 100
106 45.6 35.6 53.4

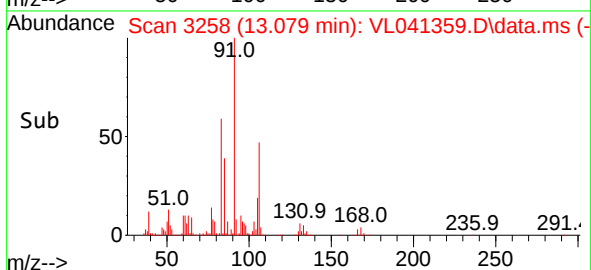
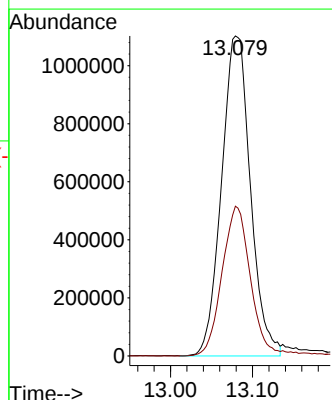
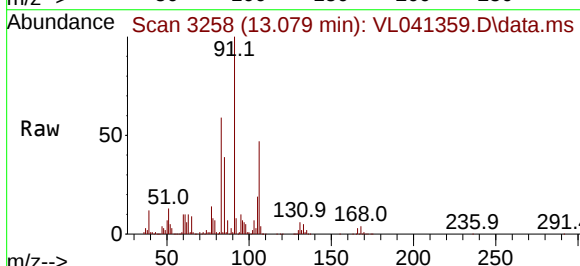
Manual Integrations
APPROVED

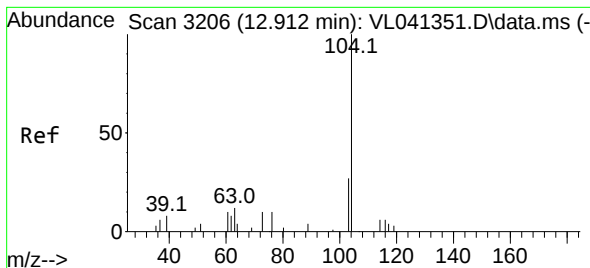
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#60
o-Xylene
Concen: 8.845 ppbv
RT: 13.079 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

Tgt Ion: 91 Resp: 2701531
Ion Ratio Lower Upper
91 100
106 47.5 23.3 69.8





#61

Styrene

Concen: 9.777 ppbv

RT: 12.915 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL041359.D

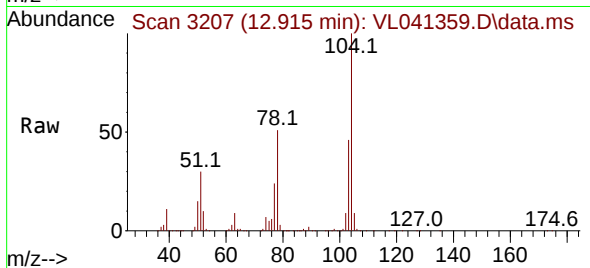
Acq: 26 Jun 2024 14:46

Instrument :

MSVOA_L

ClientSampleId :

ICVVL062624



Tgt Ion:104 Resp: 1450200

Ion Ratio Lower Upper

104 100

78 52.6 40.6 61.0

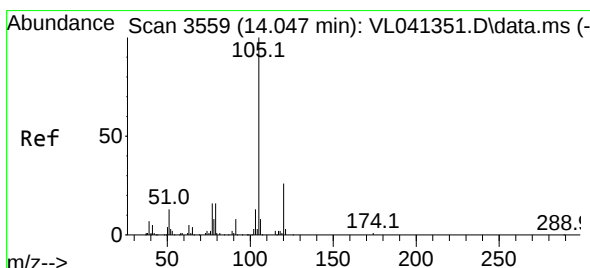
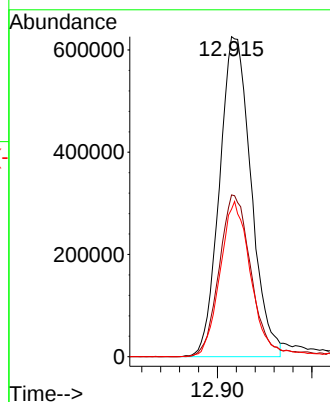
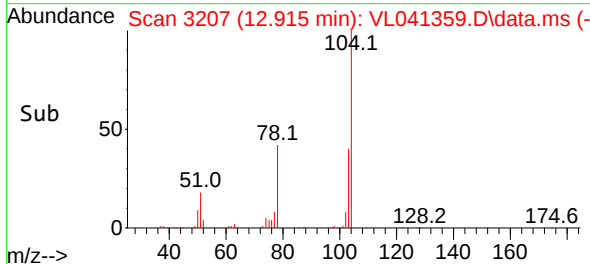
103 48.6 37.4 56.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#62

Isopropylbenzene

Concen: 8.782 ppbv

RT: 14.050 min Scan# 3560

Delta R.T. 0.006 min

Lab File: VL041359.D

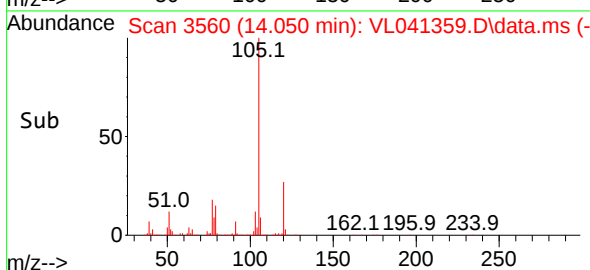
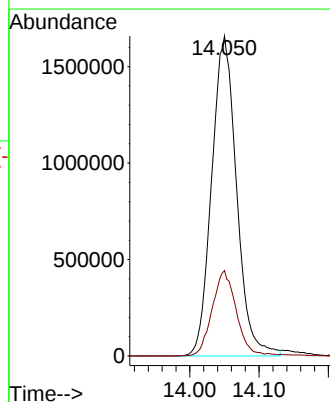
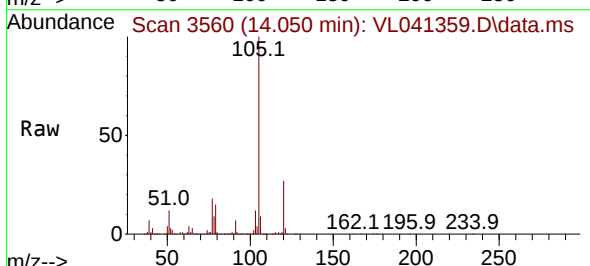
Acq: 26 Jun 2024 14:46

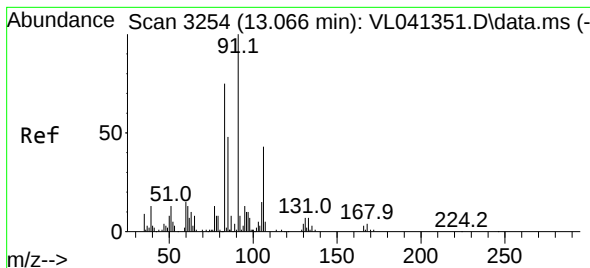
Tgt Ion:105 Resp: 4141095

Ion Ratio Lower Upper

105 100

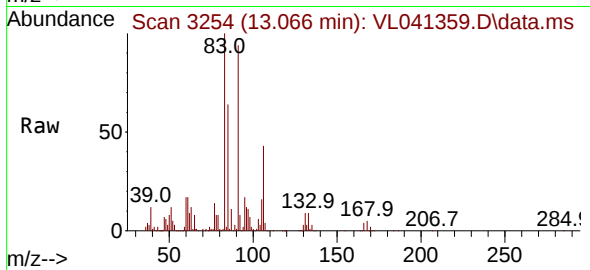
120 26.3 20.9 31.3





#63
1,1,2,2-Tetrachloroethane
Concen: 8.104 ppbv
RT: 13.066 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

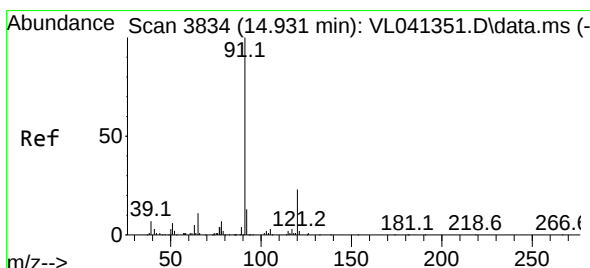
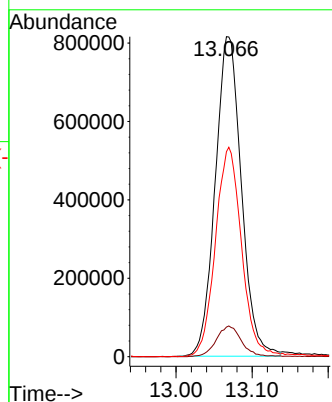
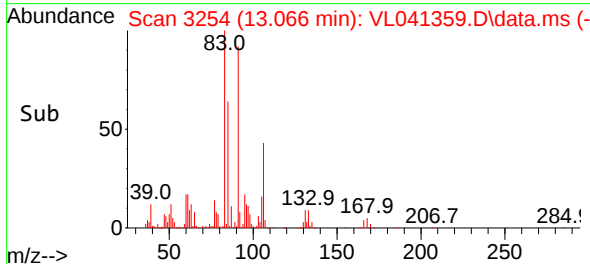
Instrument :
MSVOA_L
ClientSampleId :
ICVVL062624



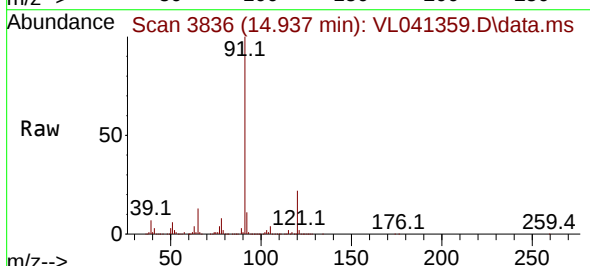
Tgt Ion: 83 Resp: 195000
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 66.4 33.0 98.9

Manual Integrations
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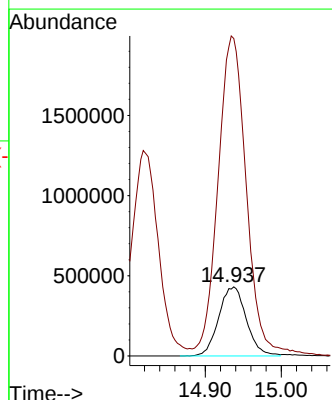
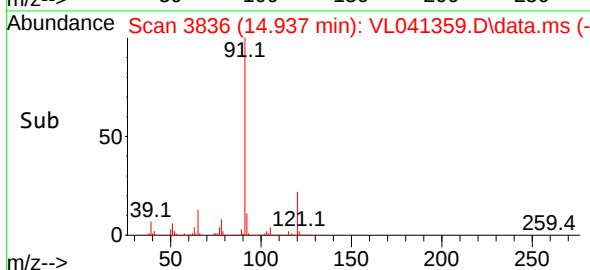
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

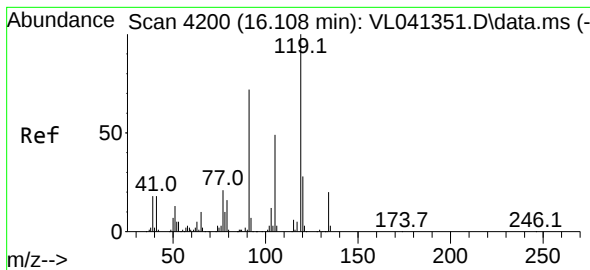


#64
n-propylbenzene
Concen: 8.827 ppbv
RT: 14.937 min Scan# 3836
Delta R.T. 0.003 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46



Tgt Ion:120 Resp: 1086525
Ion Ratio Lower Upper
120 100
91 476.7 378.4 567.6





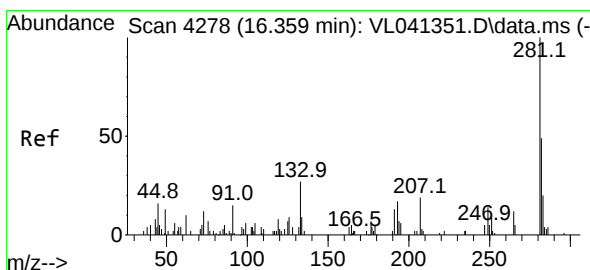
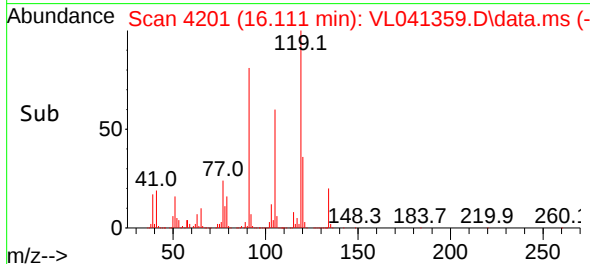
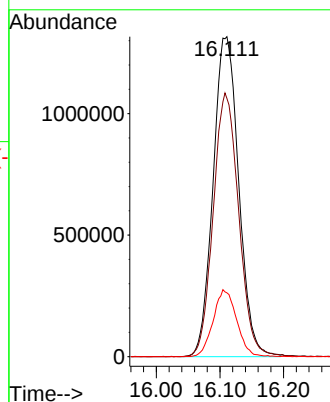
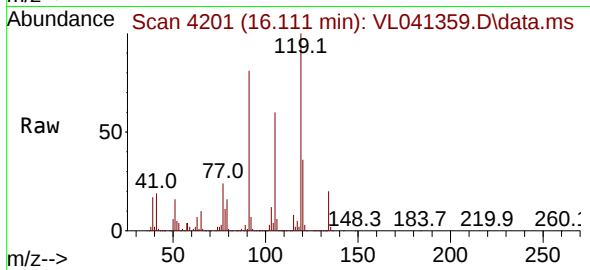
#65
tert-Butylbenzene
Concen: 8.774 ppbv
RT: 16.111 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

Instrument :
MSVOA_L
ClientSampleId :
ICVVL062624

Tgt Ion:119 Resp: 3683728
Ion Ratio Lower Upper
119 100
91 81.9 65.8 98.6
134 19.2 15.7 23.5

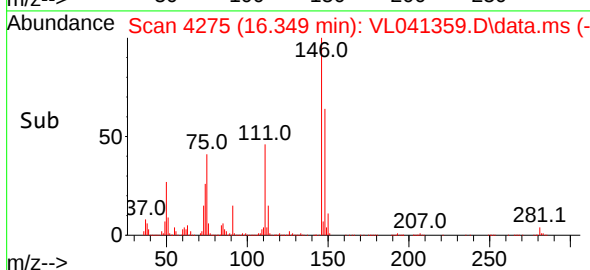
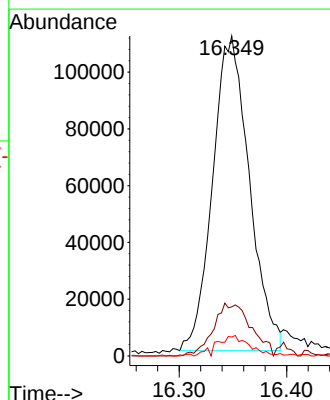
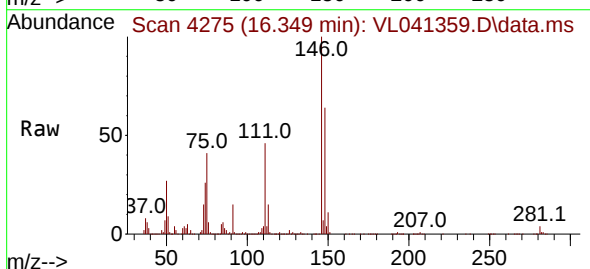
Manual Integrations
APPROVED

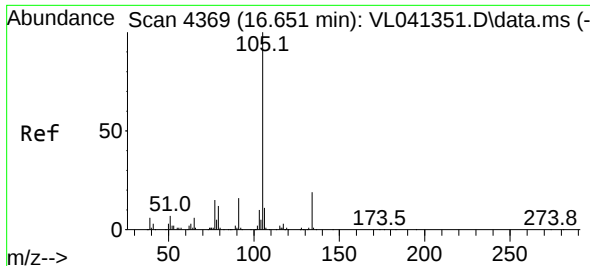
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#66
Benzyl Chloride
Concen: 9.526 ppbv
RT: 16.349 min Scan# 4275
Delta R.T. 0.006 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

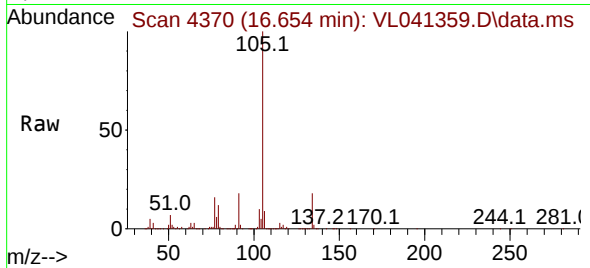
Tgt Ion: 91 Resp: 262804
Ion Ratio Lower Upper
91 100
126 17.2 15.4 23.0
128 6.3 5.0 7.4





#67
 sec-Butylbenzene
 Concen: 8.749 ppbv
 RT: 16.654 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041359.D
 Acq: 26 Jun 2024 14:46

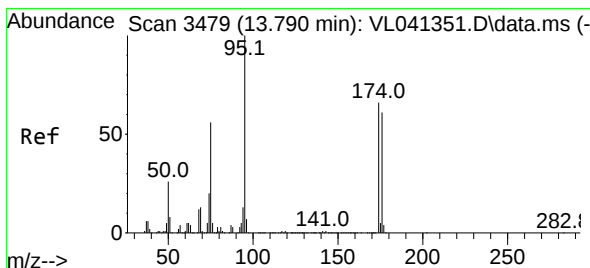
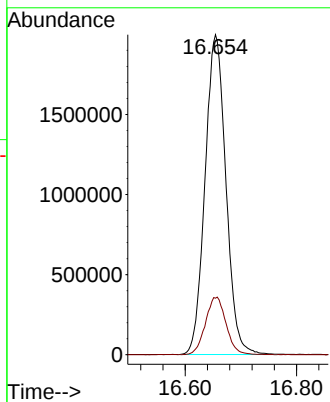
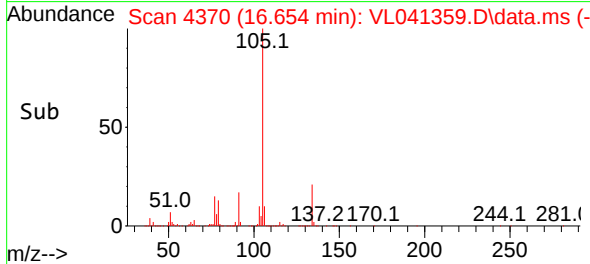
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL062624



Tgt Ion:105 Resp: 519499
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.2 21.2

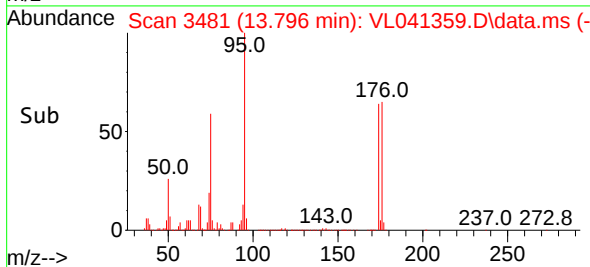
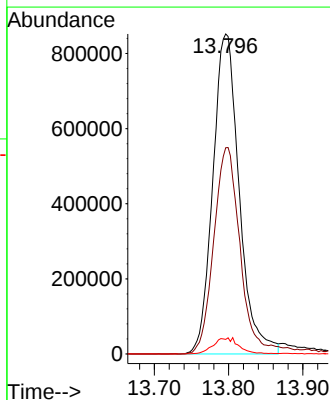
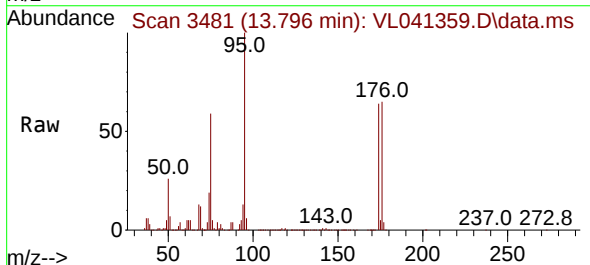
Manual Integrations
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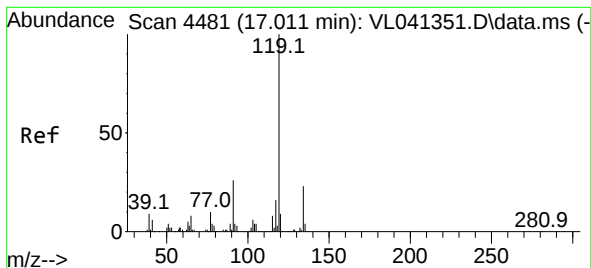
Reviewed By :Semsettin Yesilyurt 06/27/2024
 Supervised By :Mahesh Dadoda 06/27/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.044 ppbv
 RT: 13.796 min Scan# 3481
 Delta R.T. 0.003 min
 Lab File: VL041359.D
 Acq: 26 Jun 2024 14:46

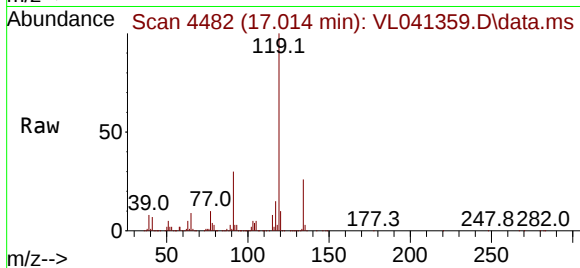
Tgt Ion: 95 Resp: 2104121
 Ion Ratio Lower Upper
 95 100
 174 66.7 53.1 79.7
 175 5.1 4.0 6.0





#69
p-Isopropyltoluene
Concen: 8.883 ppbv
RT: 17.014 min Scan# 4481
Delta R.T. 0.000 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

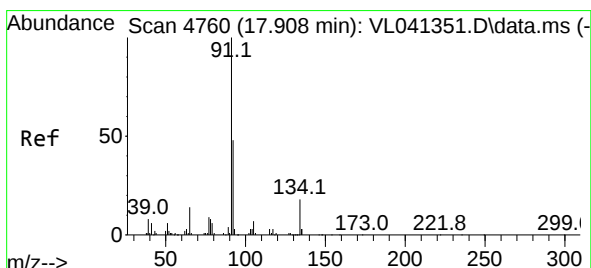
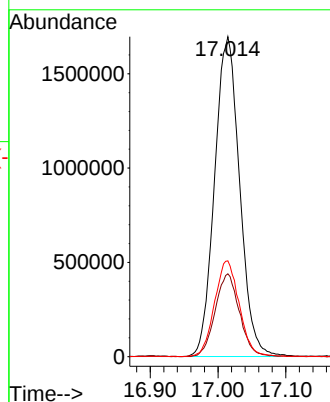
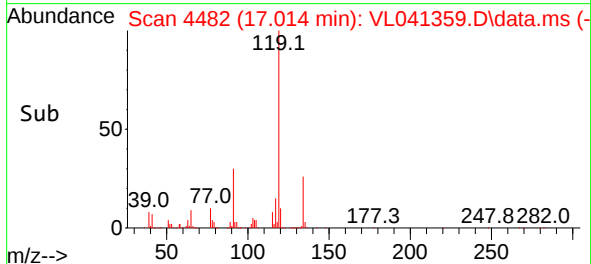
Instrument :
MSVOA_L
ClientSampleId :
ICVVL062624



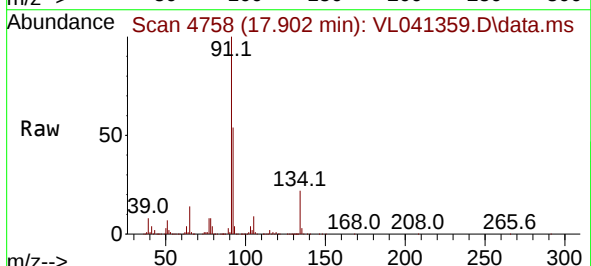
Tgt Ion:119 Resp: 4356509
Ion Ratio Lower Upper
119 100
134 25.3 20.0 30.0
91 29.6 23.7 35.5

Manual Integrations
APPROVED

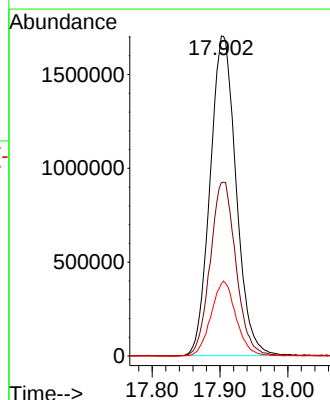
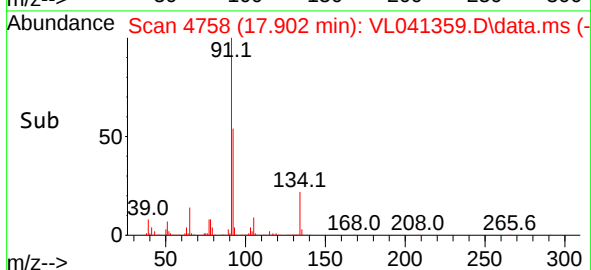
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

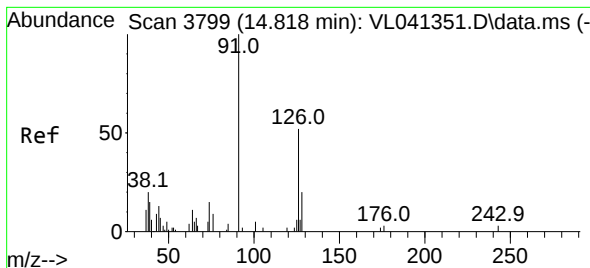


#70
n-Butylbenzene
Concen: 9.048 ppbv
RT: 17.902 min Scan# 4758
Delta R.T. 0.000 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46



Tgt Ion: 91 Resp: 4535784
Ion Ratio Lower Upper
91 100
92 54.1 43.0 64.6
134 22.6 18.0 27.0





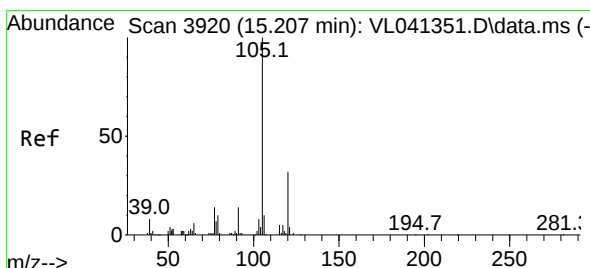
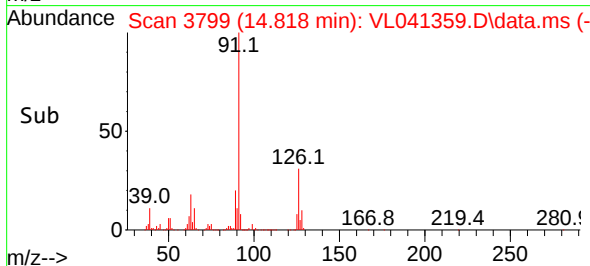
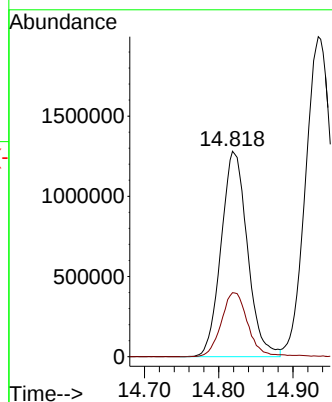
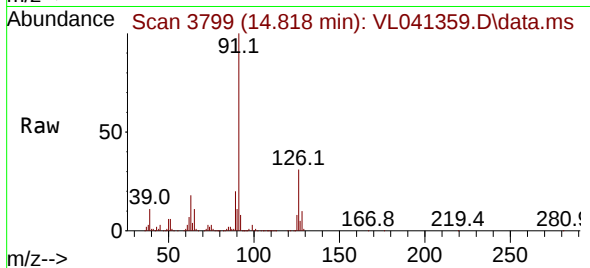
#71
2-Chlorotoluene
Concen: 8.998 ppbv
RT: 14.818 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

Instrument :
MSVOA_L
ClientSampleId :
ICVVL062624

Tgt Ion: 91 Resp: 3151994
Ion Ratio Lower Upper
91 100
126 32.2 12.9 51.7

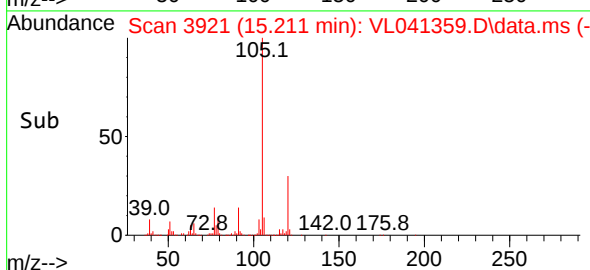
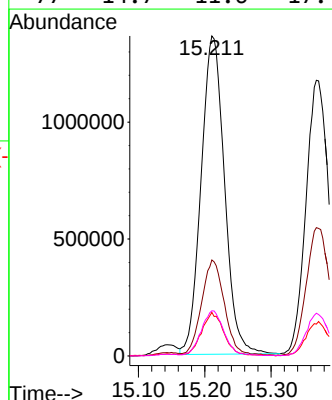
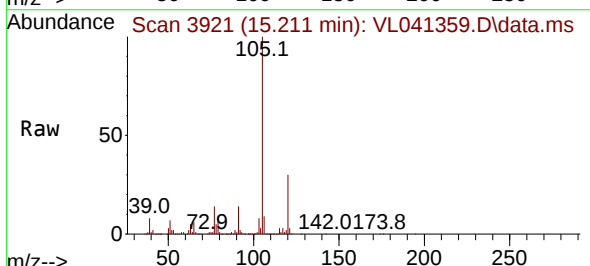
Manual Integrations
APPROVED

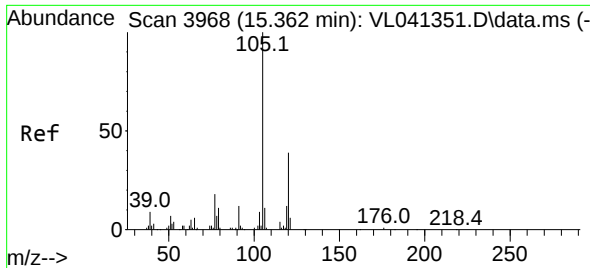
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#72
4-Ethyltoluene
Concen: 9.183 ppbv
RT: 15.211 min Scan# 3921
Delta R.T. 0.000 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

Tgt Ion:105 Resp: 3340662
Ion Ratio Lower Upper
105 100
120 31.0 24.2 36.4
91 13.8 10.2 15.2
77 14.7 11.6 17.4





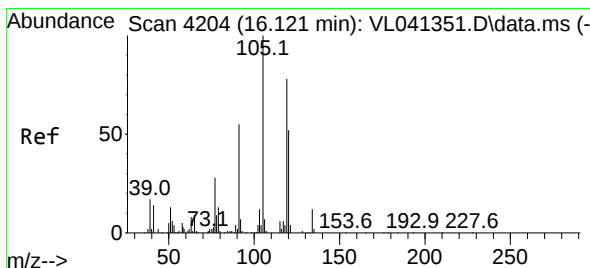
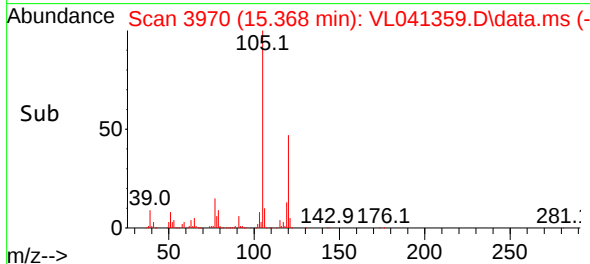
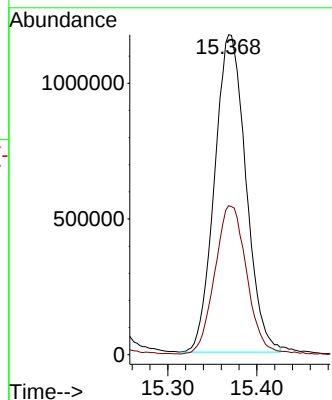
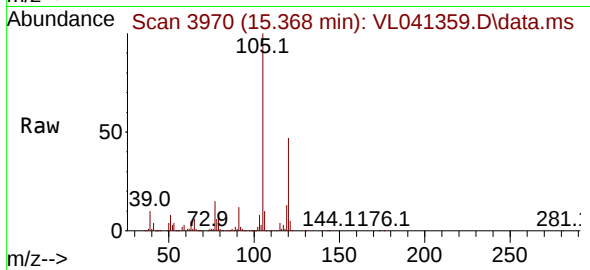
#73
1,3,5-Trimethylbenzene
Concen: 9.164 ppbv
RT: 15.368 min Scan# 3968
Delta R.T. 0.000 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

Instrument :
MSVOA_L
ClientSampleId :
ICVVL062624

Tgt Ion:105 Resp: 2853378
Ion Ratio Lower Upper
105 100
120 46.7 37.3 55.9

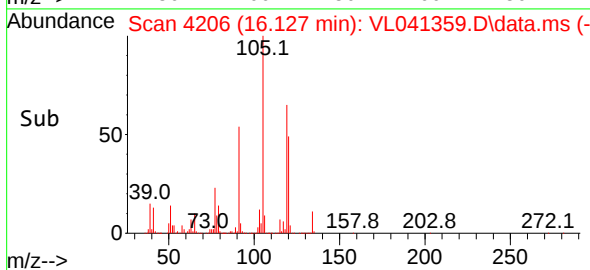
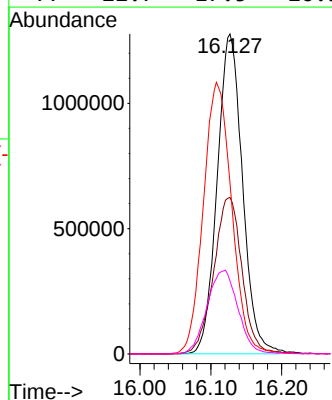
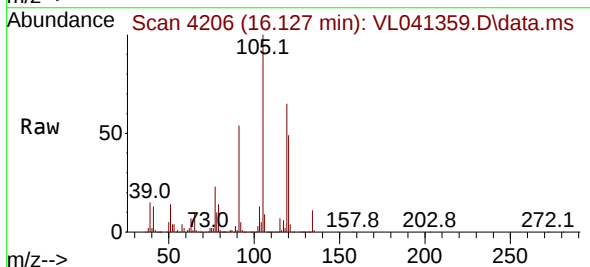
Manual Integrations
APPROVED

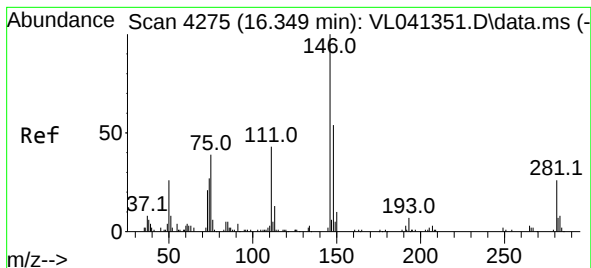
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#74
1,2,4-Trimethylbenzene
Concen: 9.033 ppbv
RT: 16.127 min Scan# 4206
Delta R.T. 0.000 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

Tgt Ion:105 Resp: 3169293
Ion Ratio Lower Upper
105 100
120 48.8 37.8 56.8
91 53.0 38.0 57.0
77 22.7 17.5 26.3





#75

1,3-Dichlorobenzene

Concen: 9.206 ppbv

RT: 16.352 min Scan# 4275

Delta R.T. 0.003 min

Lab File: VL041359.D

Acq: 26 Jun 2024 14:46

Instrument :

MSVOA_L

ClientSampleId :

ICVVL062624

Tgt Ion:146 Resp: 1916110

Ion Ratio Lower Upper

146 100

111 46.5 23.5 70.5

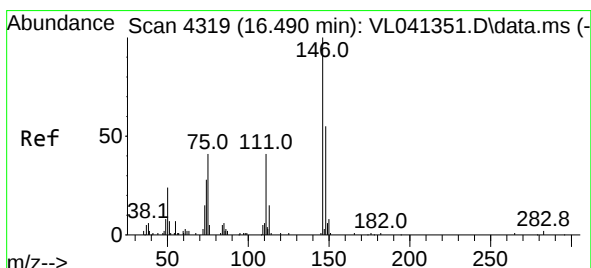
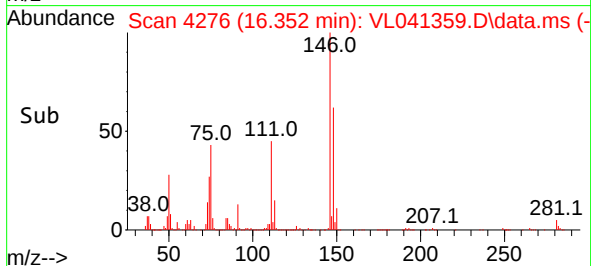
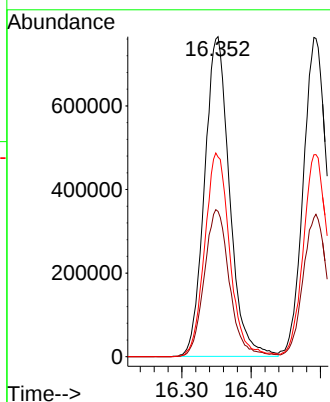
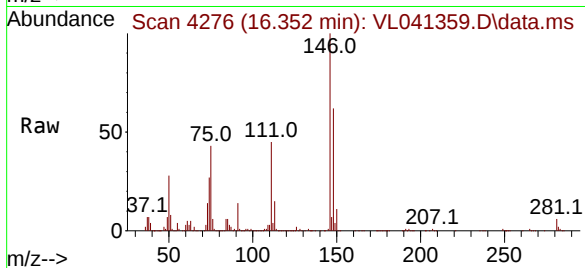
148 64.1 32.3 96.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#76

1,4-Dichlorobenzene

Concen: 8.981 ppbv

RT: 16.490 min Scan# 4319

Delta R.T. 0.000 min

Lab File: VL041359.D

Acq: 26 Jun 2024 14:46

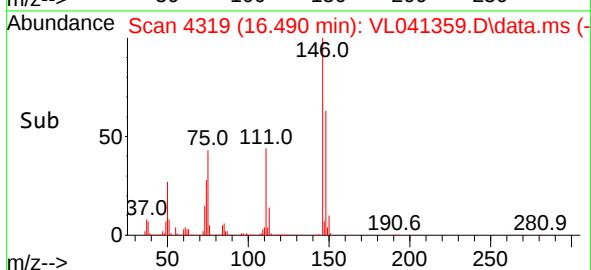
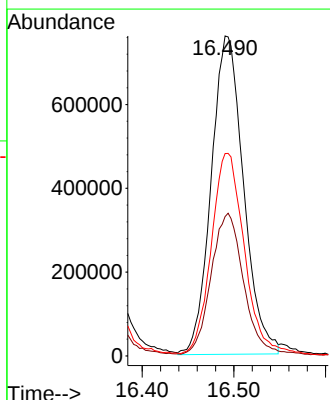
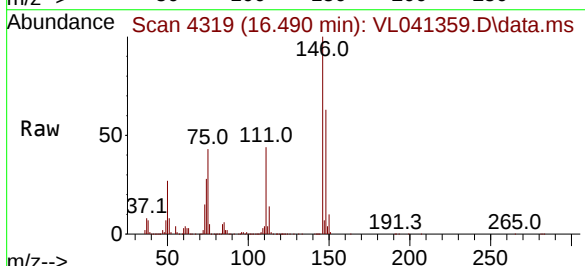
Tgt Ion:146 Resp: 1862388

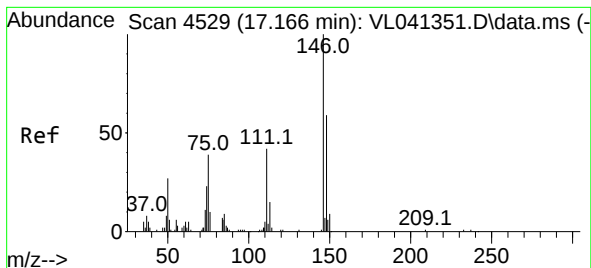
Ion Ratio Lower Upper

146 100

111 45.8 22.9 68.8

148 66.1 32.8 98.3





#77

1,2-Dichlorobenzene

Concen: 8.808 ppbv

RT: 17.162 min Scan# 4529

Delta R.T. 0.003 min

Lab File: VL041359.D

Acq: 26 Jun 2024 14:46

Instrument :

MSVOA_L

ClientSampleId :

ICVVL062624

Tgt Ion:146 Resp: 186907

Ion Ratio Lower Upper

146 100

111 47.8 24.1 72.2

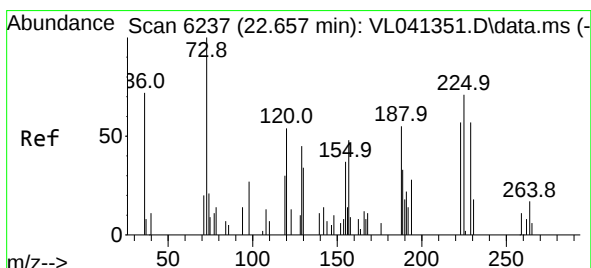
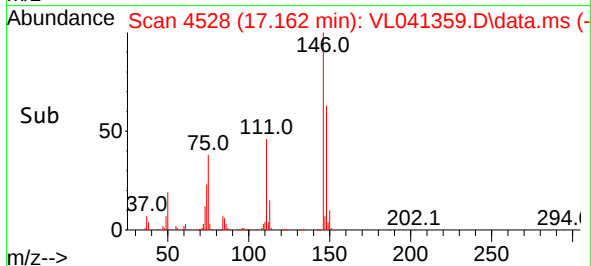
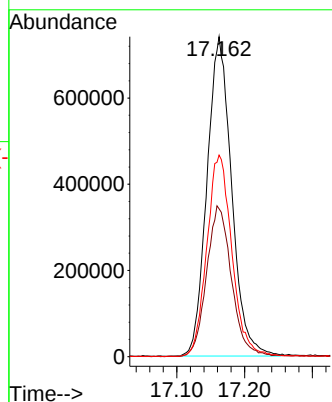
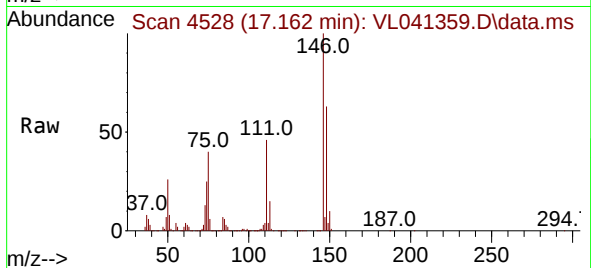
148 64.5 31.9 95.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#78

Hexachloro-1,3-Butadiene

Concen: 8.280 ppbv

RT: 22.657 min Scan# 6237

Delta R.T. -0.003 min

Lab File: VL041359.D

Acq: 26 Jun 2024 14:46

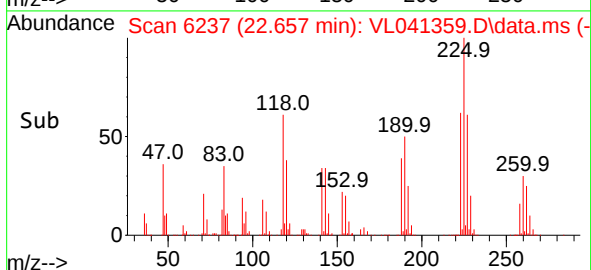
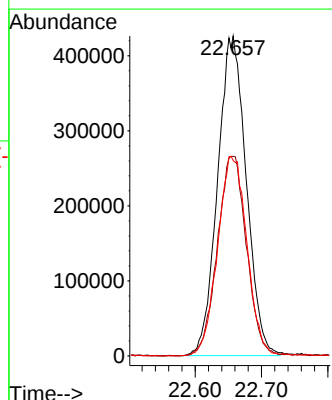
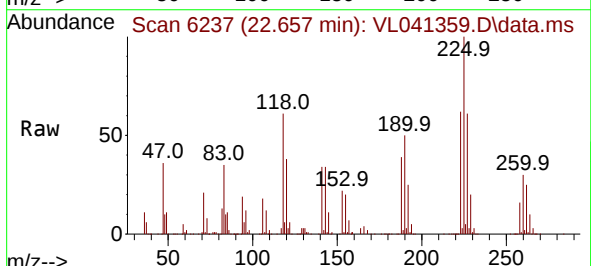
Tgt Ion:225 Resp: 1277841

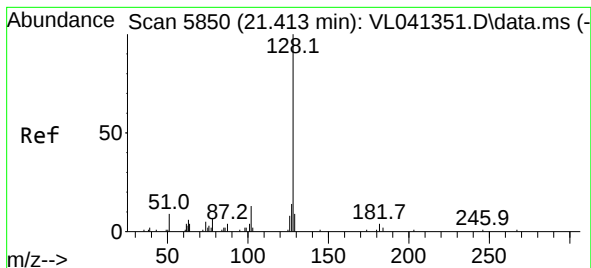
Ion Ratio Lower Upper

225 100

223 64.0 51.3 76.9

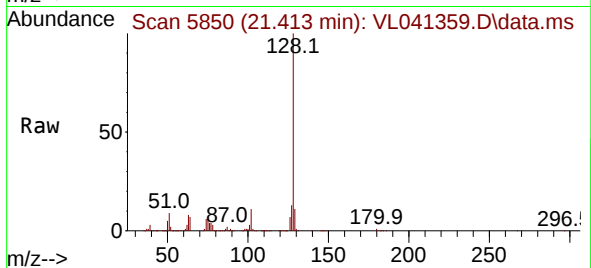
227 64.3 51.8 77.8





#79
Naphthalene
Concen: 12.599 ppbv
RT: 21.413 min Scan# 5850
Delta R.T. 0.000 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

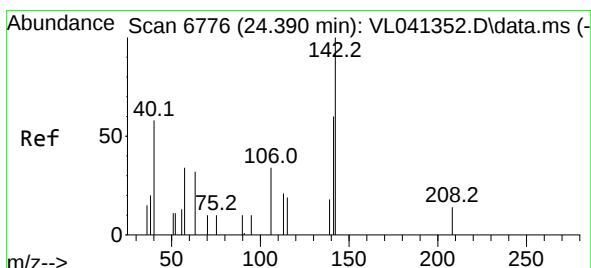
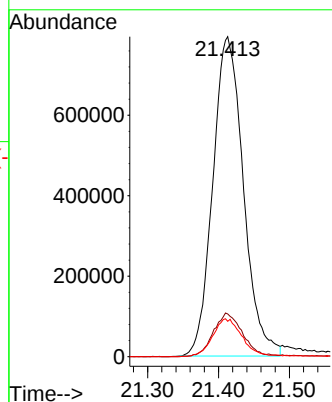
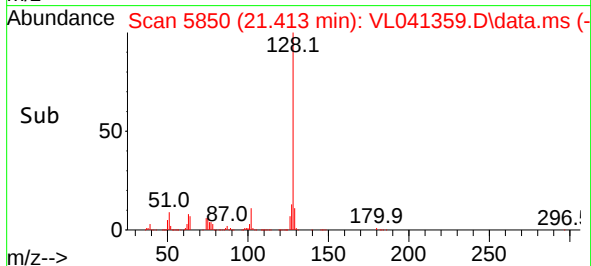
Instrument :
MSVOA_L
ClientSampleId :
ICVVL062624



Tgt Ion:128 Resp: 2377540
Ion Ratio Lower Upper
128 100
127 13.4 10.8 16.2
129 11.0 9.0 13.4

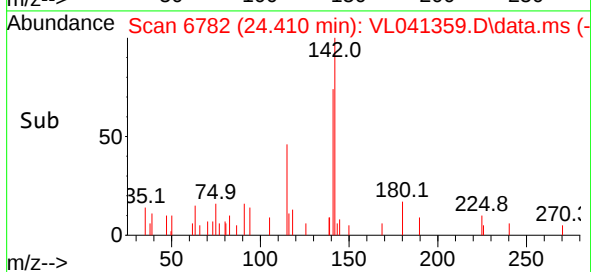
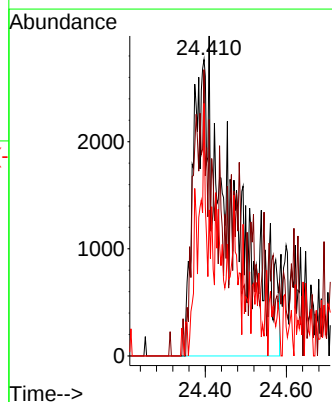
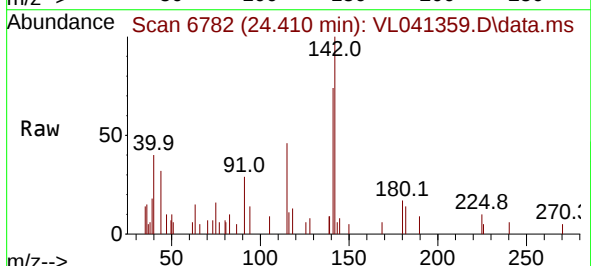
Manual Integrations
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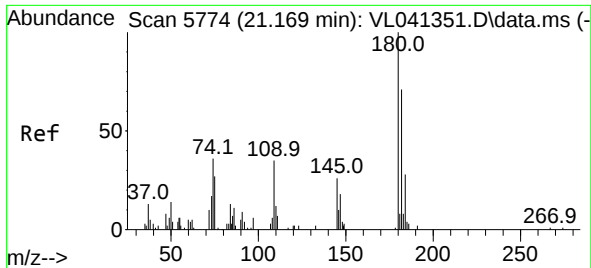
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#80
Naphthalene,2-methyl-
Concen: 37.102 ppbv m
RT: 24.410 min Scan# 6782
Delta R.T. 0.019 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

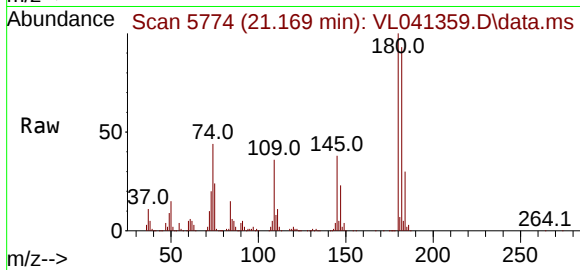
Tgt Ion:142 Resp: 18426
Ion Ratio Lower Upper
142 100
141 25.9 37.9 56.9#
115 0.0 11.0 16.4#





#81
1,2,4-Trichlorobenzene
Concen: 10.979 ppbv
RT: 21.169 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL041359.D
Acq: 26 Jun 2024 14:46

Instrument :
MSVOA_L
ClientSampleId :
ICVVL062624



Tgt Ion:180 Resp: 128043
Ion Ratio Lower Upper
180 100
182 98.1 78.1 117.1
184 31.0 25.2 37.8

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

