

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
 Data File : VL041592.D
 Acq On : 16 Sep 2024 13:15
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/17/2024
 Supervised By : Mahesh Dadoda 09/17/2024

Quant Time: Sep 17 02:35:11 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M

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

QLast Update : Tue Sep 17 02:32:57 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.169	49	1153662	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.629	114	3191034	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.445	117	3069576m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.751 95 2284732 9.739 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.709	85	1512734	7.724	ppbv	100
3) Chlorodifluoromethane	2.652	51	1273490	9.220	ppbv	100
4) Chloromethane	2.790	50	704969	9.499	ppbv	100
5) Vinyl Chloride	2.896	62	676970	9.366	ppbv	100
6) Bromomethane	3.095	94	316373	8.660	ppbv	100
7) Chloroethane	3.172	64	246025	9.802	ppbv	100
8) Dichlorotetrafluoroethane	2.835	85	1640863	9.280	ppbv	100
9) Propene	2.671	41	591499	9.296	ppbv	100
10) Heptane	7.555	43	1465058	10.218	ppbv	100
11) Trichlorofluoromethane	3.539	101	1648291	9.296	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.041	101	1199947	9.385	ppbv	100
13) Ethanol	3.224	45	27404m	5.148	ppbv	
14) Bromoethene	3.343	108	488418	9.820	ppbv	100
15) Acetone	3.443	43	1184767	8.990	ppbv	100
16) 1,3-Butadiene	2.963	39	668292	9.469	ppbv	100
17) tert-Butyl alcohol	3.851	59	1256999	10.440	ppbv	100
18) 1,1-Dichloroethene	3.857	96	549303	10.028	ppbv	100
19) Isopropyl Alcohol	3.552	45	721155	9.470	ppbv	100
20) Methylene Chloride	3.909	84	447422	9.082	ppbv	100
21) Allyl Chloride	3.973	41	846436	9.826	ppbv	100
22) trans-1,2-Dichloroethene	4.420	96	531058	9.732	ppbv	100
23) Vinyl Acetate	4.603	43	796205	8.326	ppbv	100
24) 1,1-Dichloroethane	4.539	63	1144566	9.614	ppbv	100
25) Ethyl Acetate	5.179	43	2636978	9.977	ppbv	100
26) Hexane	5.188	57	1069971	9.824	ppbv	100
27) Carbon Disulfide	4.098	76	1278721	10.141	ppbv	100
28) Methyl tert-Butyl Ether	4.561	73	643194	9.433	ppbv	100
29) Chloroform	5.250	83	1680555	9.485	ppbv	100
30) Cyclohexane	6.577	84	905301	10.235	ppbv	100
31) cis-1,2-Dichloroethene	5.053	61	1038715	9.711	ppbv	100
32) 1,1,1-Trichloroethane	5.979	97	1658808	9.635	ppbv	100
34) 2-Butanone	4.761	43	1501240	9.714	ppbv	100
35) Carbon Tetrachloride	6.471	117	1733798	9.862	ppbv	100
36) Benzene	6.346	78	2276805	9.741	ppbv	100
37) 1,2-Dichloroethane	5.783	62	1272445	9.723	ppbv	100
38) Trichloroethene	7.266	130	1207402	11.030	ppbv	100
39) 1,2-Dichloropropane	7.050	63	877299	9.764	ppbv	100
40) 1,4-Dioxane	7.262	88	362562	10.129	ppbv #	100
41) Tetrahydrofuran	5.532	42	921404	10.354	ppbv	100
42) Bromodichloromethane	7.227	83	1829048	9.717	ppbv	100
43) Methyl Methacrylate	7.449	69	895478	10.728	ppbv	100
44) 2,2,4-Trimethylpentane	7.304	57	3860881	9.842	ppbv	100
45) t-1,3-Dichloropropene	8.687	75	786684	10.580	ppbv	100

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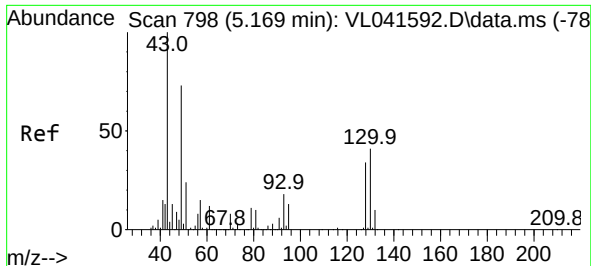
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Sep 17 02:32:57 2024

Response via : Initial Calibration

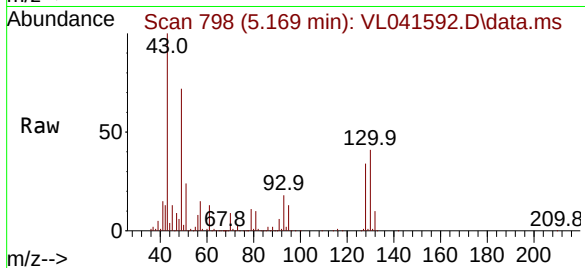
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.121	75	1127288	10.315	ppbv	100
47) 1,1,2-Trichloroethane	8.873	97	952785	9.656	ppbv	100
48) Dibromochloromethane	9.687	129	1573314	9.972	ppbv	100
49) Bromoform	12.384	173	1380117	10.374	ppbv	100
50) 4-Methyl-2-Pentanone	8.156	43	2529791	10.343	ppbv	100
51) 2-Hexanone	9.526	43	2011980	10.956	ppbv	100
52) Tetrachloroethene	10.590	164	852321	9.478	ppbv	100
53) Toluene	9.198	91	2661666	10.235	ppbv	100
54) 1,2-Dibromoethane	9.986	107	1299501	10.010	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.487	131	1161709	9.726	ppbv	100
57) Chlorobenzene	11.503	112	2103559	9.574	ppbv	100
58) Ethyl Benzene	12.066	91	3600157	10.136	ppbv	100
59) m/p-Xylene	12.346	91	6116054m	19.957	ppbv	
60) o-Xylene	13.034	91	2948315	10.140	ppbv	100
61) Styrene	12.873	104	1437066	11.003	ppbv	100
62) Isopropylbenzene	14.005	105	4279685	9.708	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.024	83	1398913	7.881	ppbv	100
64) n-propylbenzene	14.895	120	1149808	9.986	ppbv	100
65) tert-Butylbenzene	16.066	119	3855478	9.686	ppbv	100
66) Benzyl Chloride	16.304	91	205903	8.606	ppbv	100
67) sec-Butylbenzene	16.612	105	5434135	9.884	ppbv	100
69) p-Isopropyltoluene	16.973	119	4544895	9.982	ppbv	100
70) n-Butylbenzene	17.863	91	4664460	9.989	ppbv	100
71) 2-Chlorotoluene	14.776	91	3221836	9.915	ppbv	100
72) 4-Ethyltoluene	15.169	105	3541706	10.382	ppbv	100
73) 1,3,5-Trimethylbenzene	15.326	105	3032119	10.316	ppbv	100
74) 1,2,4-Trimethylbenzene	16.085	105	3360833	9.827	ppbv	100
75) 1,3-Dichlorobenzene	16.307	146	2088291	9.728	ppbv	100
76) 1,4-Dichlorobenzene	16.452	146	2030349	9.776	ppbv	100
77) 1,2-Dichlorobenzene	17.120	146	2019099	9.498	ppbv	100
78) Hexachloro-1,3-Butadiene	22.609	225	1508307	8.351	ppbv	100
79) Naphthalene	21.358	128	3163696	10.692	ppbv	100
80) Naphthalene,2-methyl-	24.352	142	2300402	9.700	ppbv	100
81) 1,2,4-Trichlorobenzene	21.114	180	1667878	9.460	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.169 min Scan# 798
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

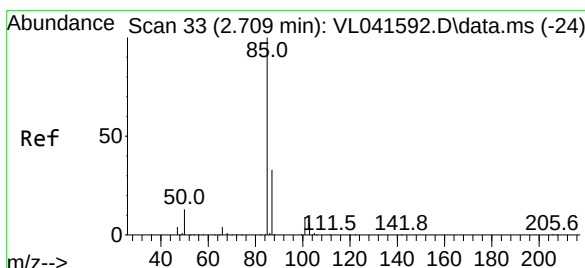
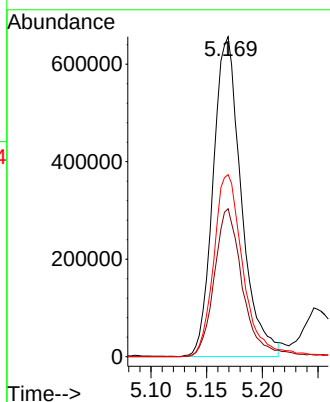
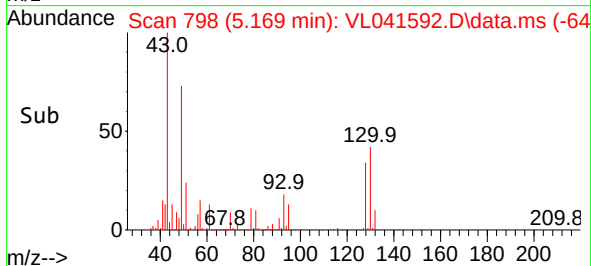
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 49 Resp: 1153662
Ion Ratio Lower Upper
49 100
128 47.7 23.8 71.5
130 60.9 30.4 91.3

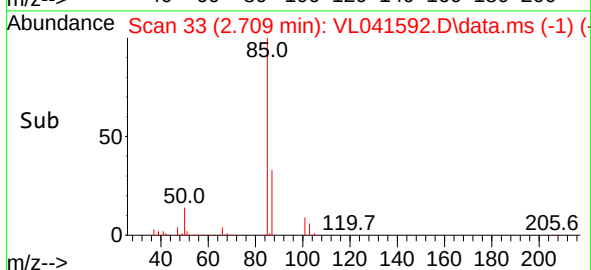
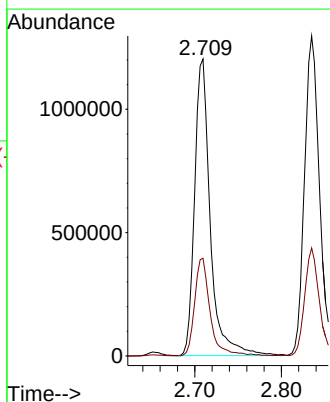
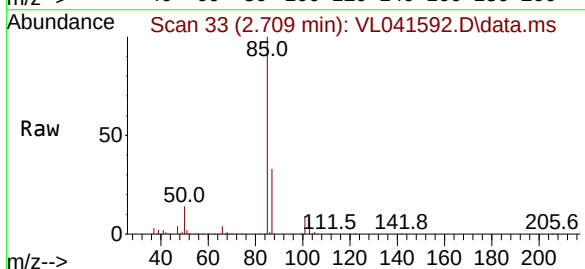
Manual Integrations
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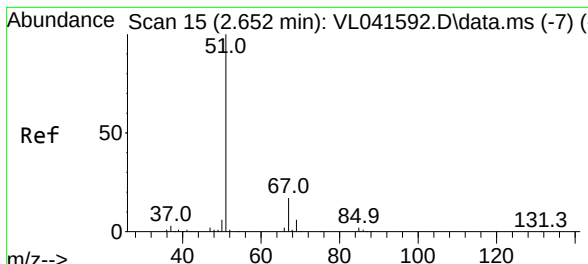
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#2
Dichlorodifluoromethane
Concen: 7.724 ppbv
RT: 2.709 min Scan# 33
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

Tgt Ion: 85 Resp: 1512734
Ion Ratio Lower Upper
85 100
87 32.9 26.3 39.5





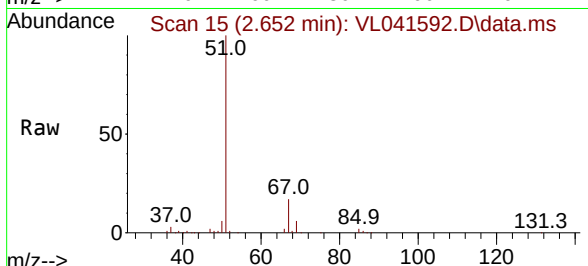
#3
 Chlorodifluoromethane
 Concen: 9.220 ppbv
 RT: 2.652 min Scan# 15
 Delta R.T. 0.000 min
 Lab File: VL041592.D
 Acq: 16 Sep 2024 13:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

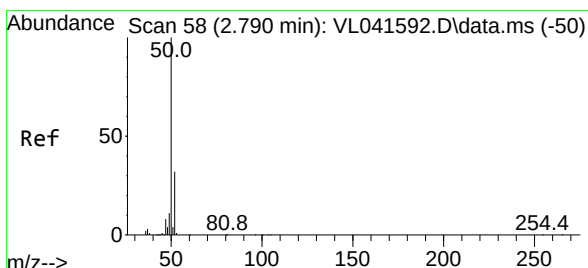
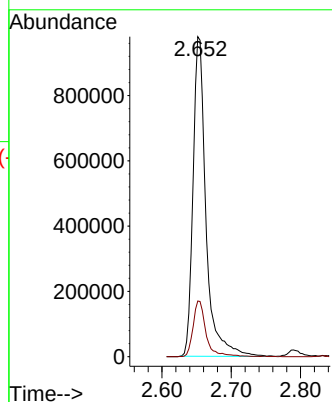
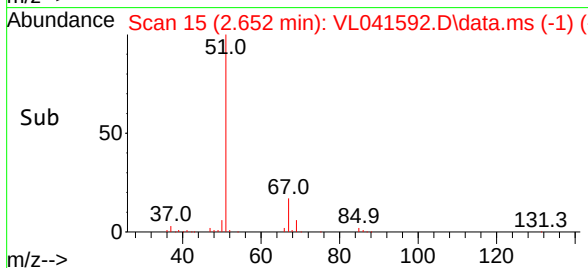


Tgt Ion: 51 Resp: 1273490
 Ion Ratio Lower Upper
 51 100
 67 17.6 14.1 21.1

Manual Integrations

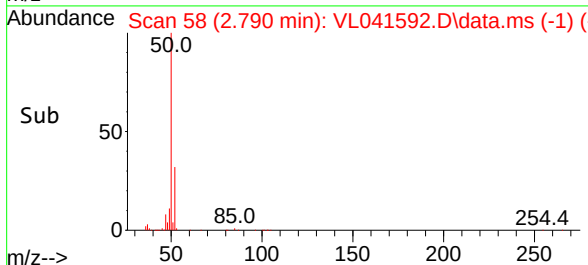
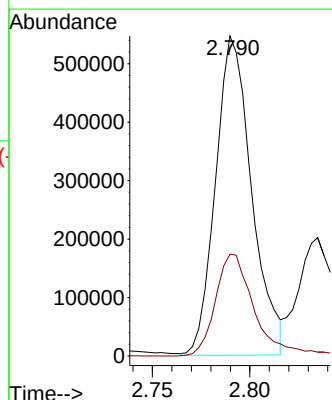
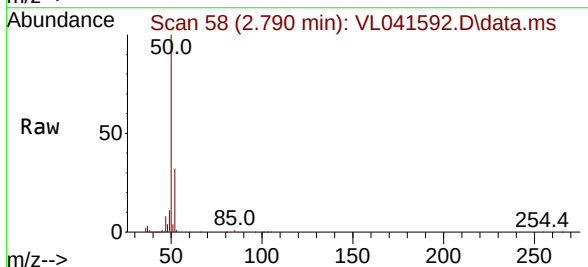
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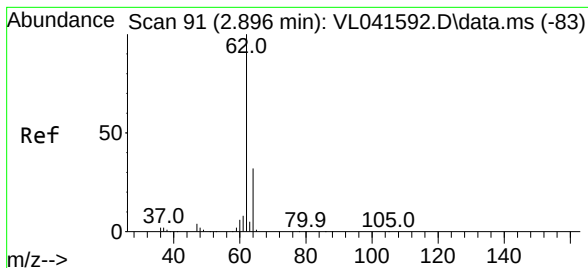
Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024



#4
 Chloromethane
 Concen: 9.499 ppbv
 RT: 2.790 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: VL041592.D
 Acq: 16 Sep 2024 13:15

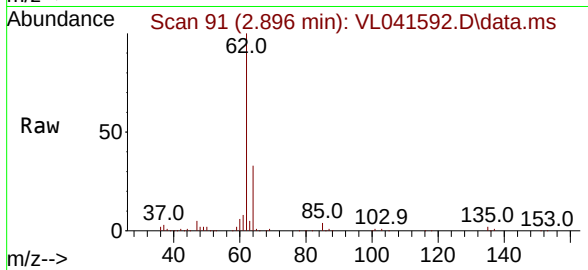
Tgt Ion: 50 Resp: 704969
 Ion Ratio Lower Upper
 50 100
 52 32.0 25.4 38.2





#5
 Vinyl Chloride
 Concen: 9.366 ppbv
 RT: 2.896 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VL041592.D
 Acq: 16 Sep 2024 13:15

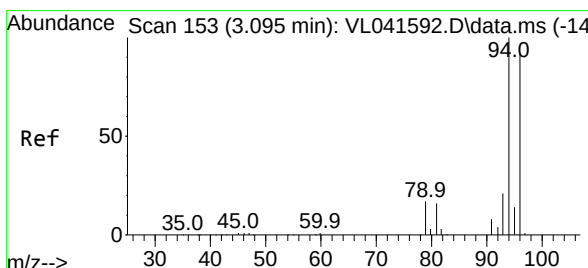
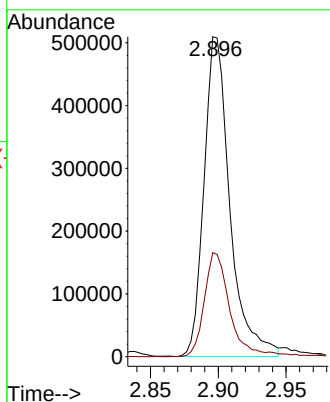
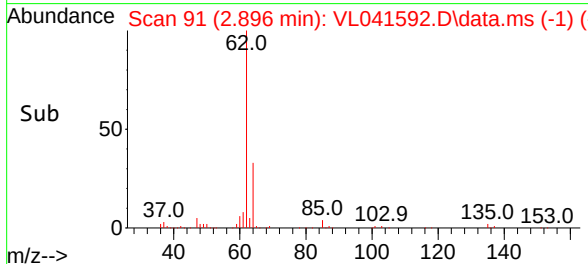
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 62 Resp: 676970
 Ion Ratio Lower Upper
 62 100
 64 32.5 26.0 39.0

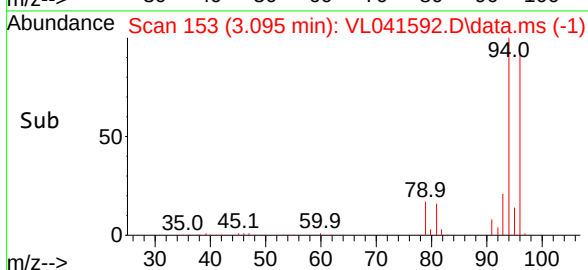
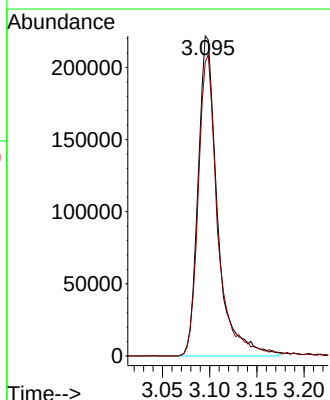
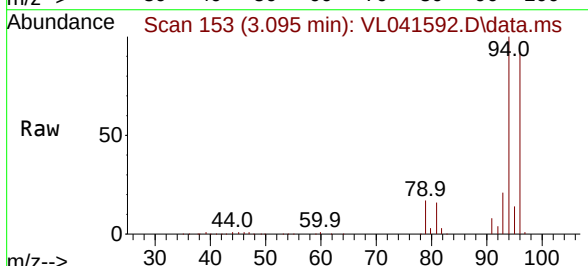
Manual Integrations
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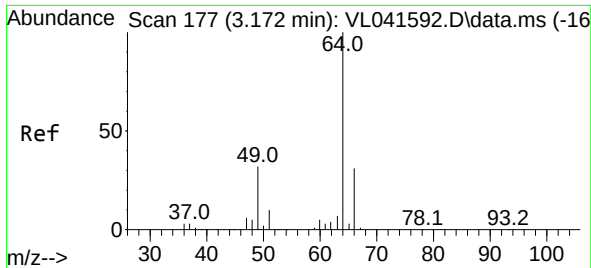
Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024



#6
 Bromomethane
 Concen: 8.660 ppbv
 RT: 3.095 min Scan# 153
 Delta R.T. 0.000 min
 Lab File: VL041592.D
 Acq: 16 Sep 2024 13:15

Tgt Ion: 94 Resp: 316373
 Ion Ratio Lower Upper
 94 100
 96 91.8 73.4 110.2





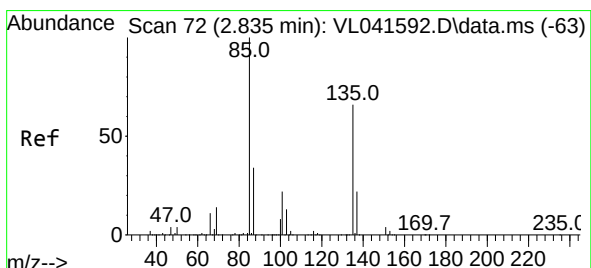
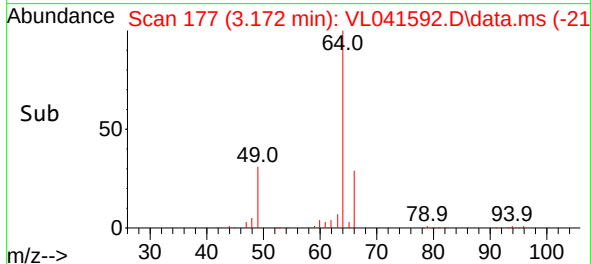
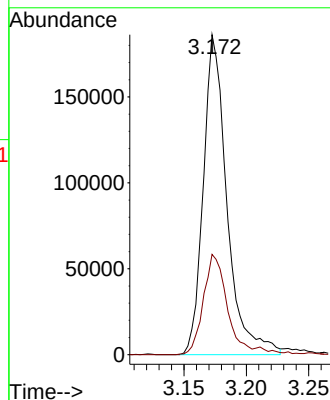
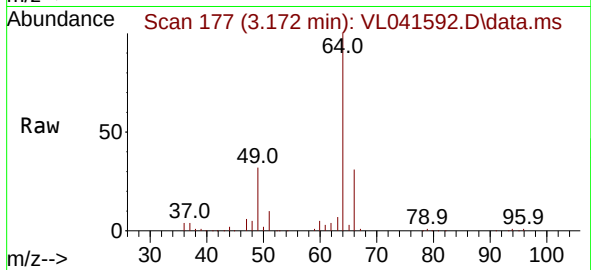
#7
Chloroethane
Concen: 9.802 ppbv
RT: 3.172 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 64 Resp: 246025
Ion Ratio Lower Upper
64 100
66 31.4 25.1 37.7

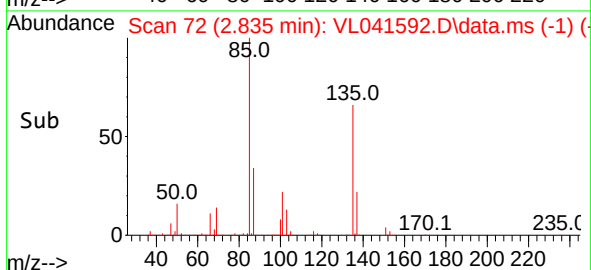
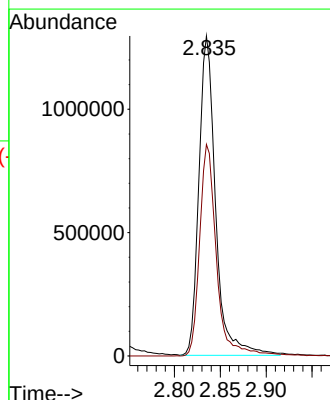
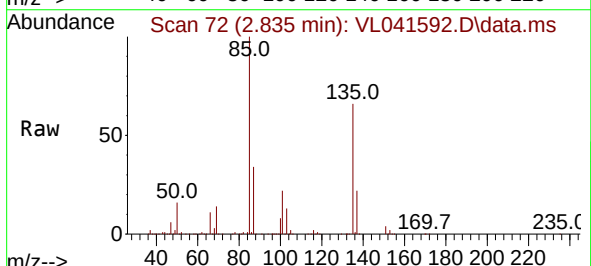
Manual Integrations
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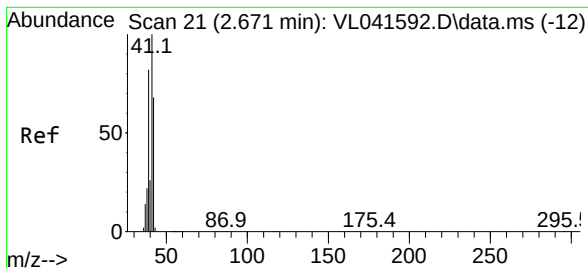
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#8
Dichlorotetrafluoroethane
Concen: 9.280 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

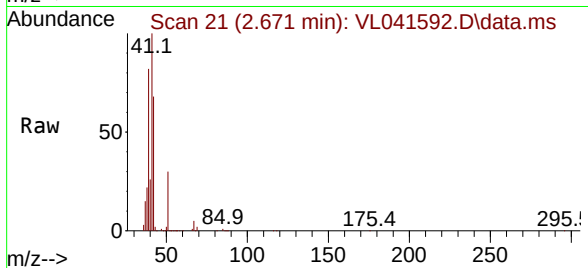
Tgt Ion: 85 Resp: 1640863
Ion Ratio Lower Upper
85 100
135 67.4 53.9 80.9





#9
 Propene
 Concen: 9.296 ppbv
 RT: 2.671 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VL041592.D
 Acq: 16 Sep 2024 13:15

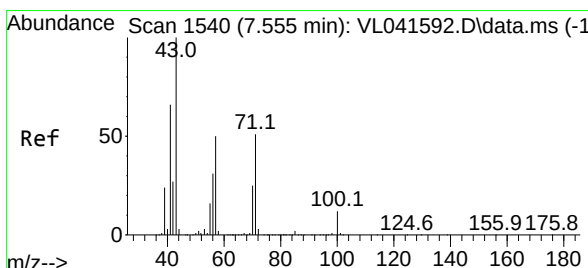
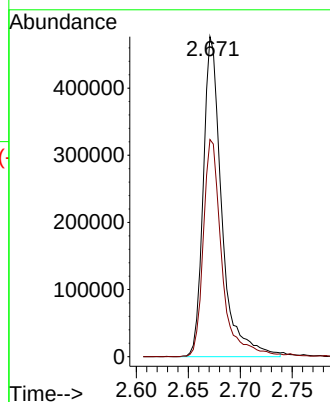
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 41 Resp: 591499
 Ion Ratio Lower Upper
 41 100
 42 69.0 55.2 82.8

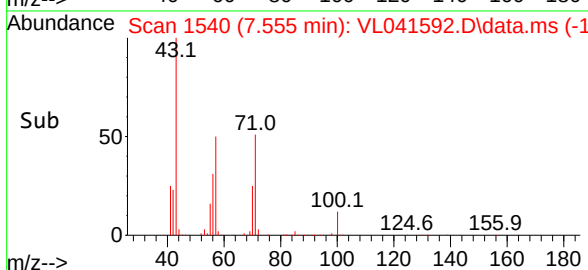
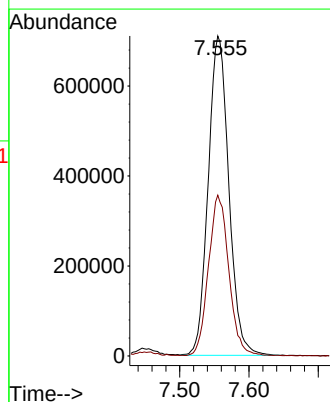
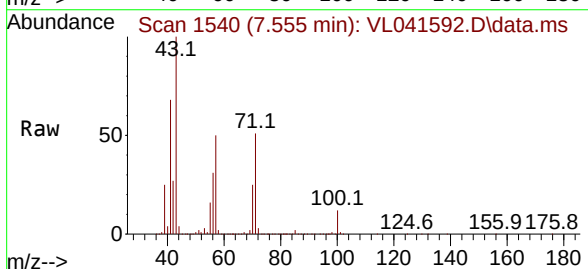
Manual Integrations
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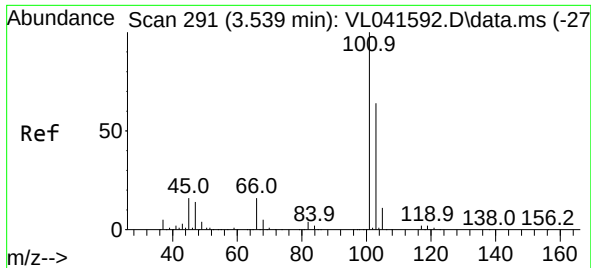
Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024



#10
 Heptane
 Concen: 10.218 ppbv
 RT: 7.555 min Scan# 1540
 Delta R.T. 0.000 min
 Lab File: VL041592.D
 Acq: 16 Sep 2024 13:15

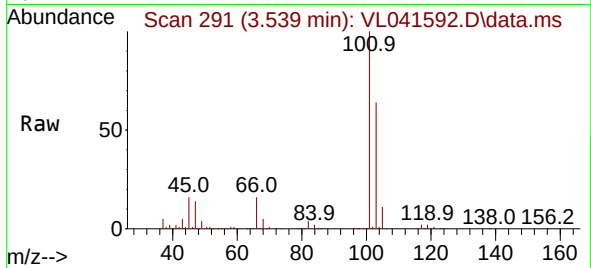
Tgt Ion: 43 Resp: 1465058
 Ion Ratio Lower Upper
 43 100
 57 49.8 39.8 59.8





#11
 Trichlorofluoromethane
 Concen: 9.296 ppbv
 RT: 3.539 min Scan# 291
 Delta R.T. 0.000 min
 Lab File: VL041592.D
 Acq: 16 Sep 2024 13:15

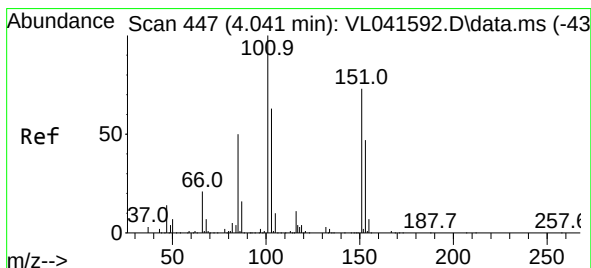
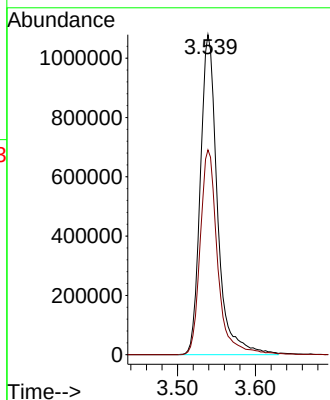
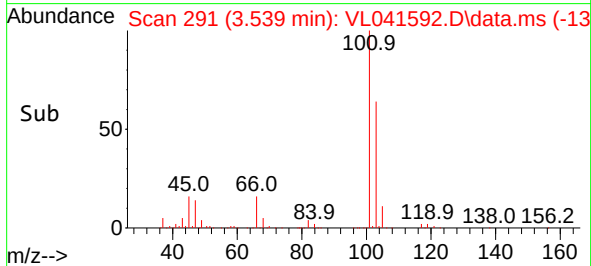
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



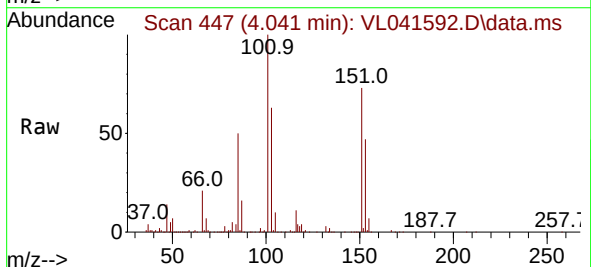
Tgt Ion:101 Resp: 164829
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.2 76.8

Manual Integrations
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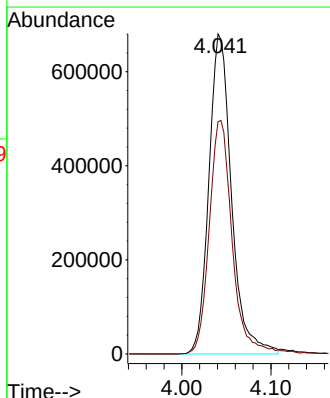
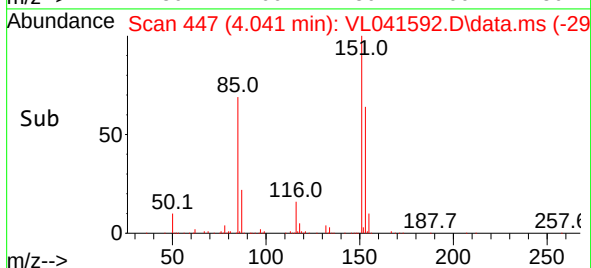
Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024

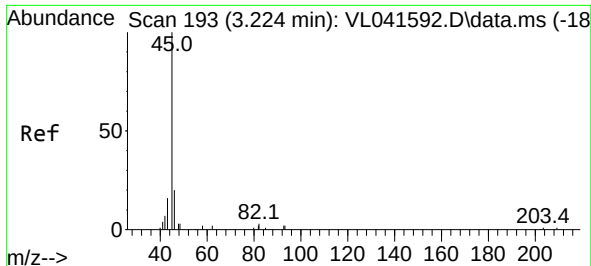


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.385 ppbv
 RT: 4.041 min Scan# 447
 Delta R.T. 0.000 min
 Lab File: VL041592.D
 Acq: 16 Sep 2024 13:15



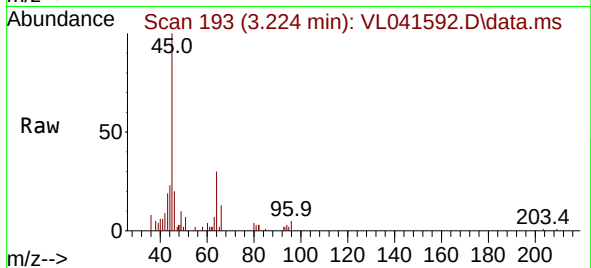
Tgt Ion:101 Resp: 1199947
 Ion Ratio Lower Upper
 101 100
 151 74.3 59.4 89.2





#13
Ethanol
Concen: 5.148 ppbv m
RT: 3.224 min Scan# 193
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

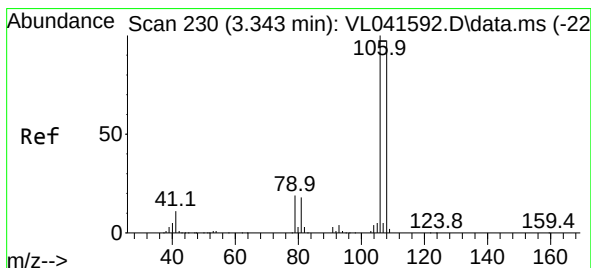
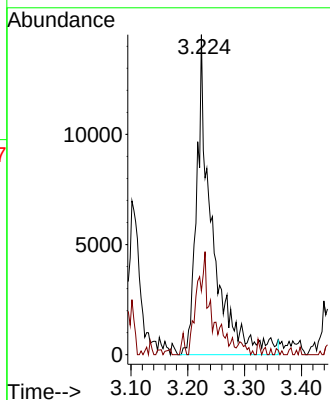
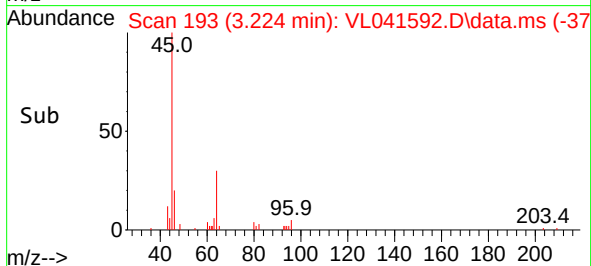
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 45 Resp: 27404
Ion Ratio Lower Upper
45 100
46 34.3 15.2 60.8

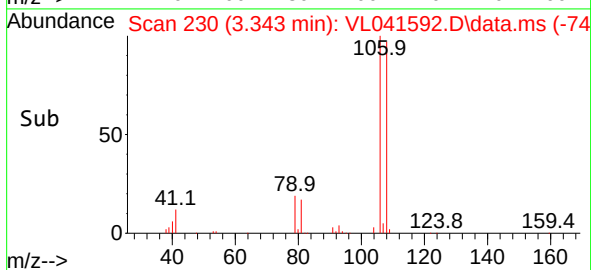
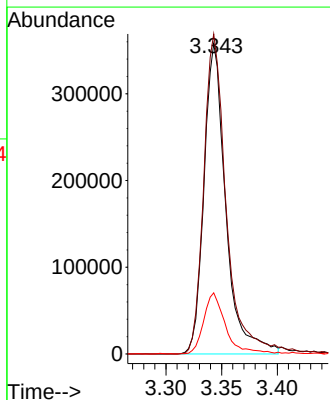
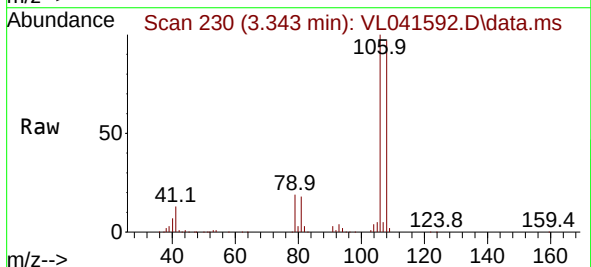
Manual Integrations
APPROVED

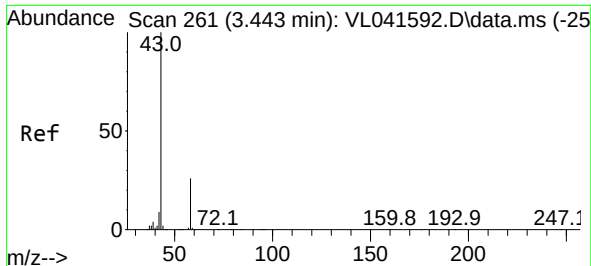
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#14
Bromoethene
Concen: 9.820 ppbv
RT: 3.343 min Scan# 230
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

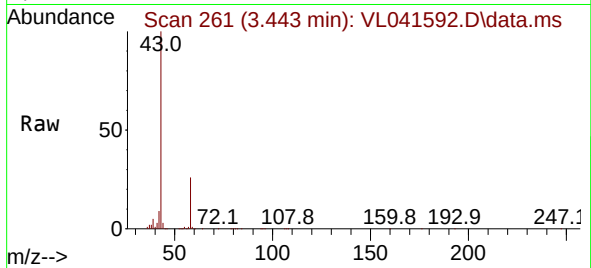
Tgt Ion:108 Resp: 488418
Ion Ratio Lower Upper
108 100
106 108.1 86.5 129.7
79 20.3 16.2 24.4





#15
Acetone
Concen: 8.990 ppbv
RT: 3.443 min Scan# 261
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

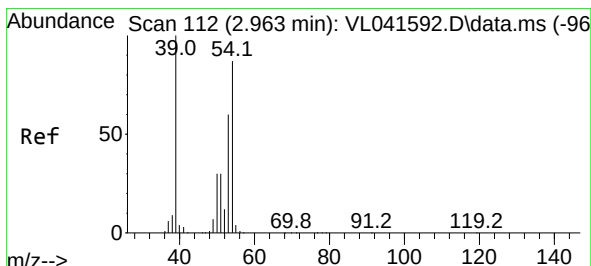
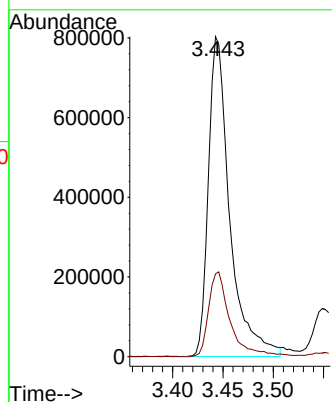
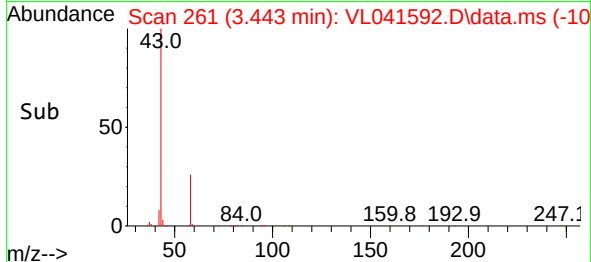
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 118476
Ion Ratio Lower Upper
43 100
58 26.9 21.5 32.3

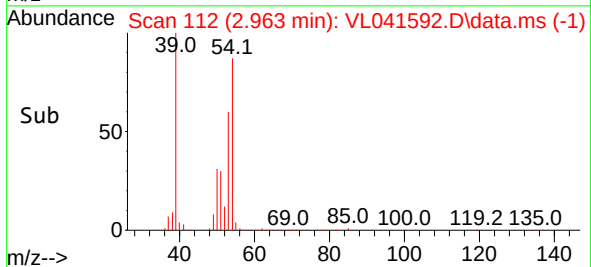
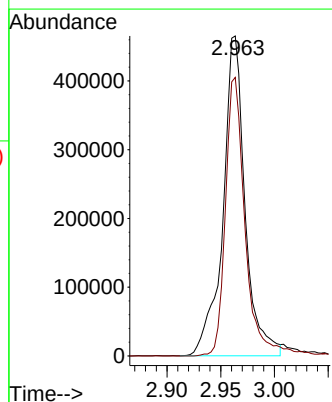
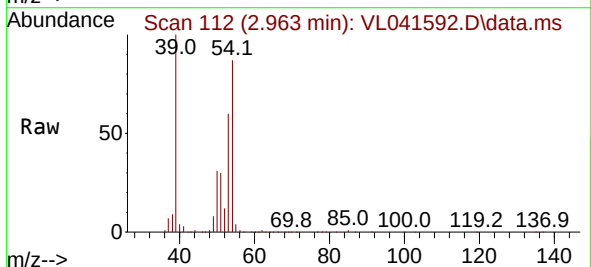
Manual Integrations
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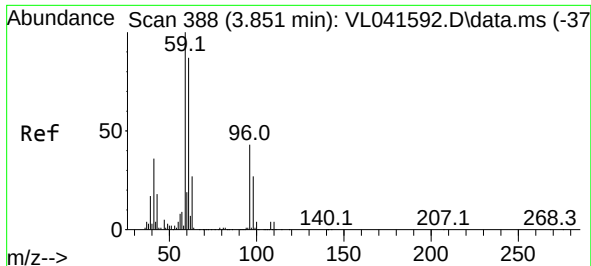
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#16
1,3-Butadiene
Concen: 9.469 ppbv
RT: 2.963 min Scan# 112
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

Tgt Ion: 39 Resp: 668292
Ion Ratio Lower Upper
39 100
54 78.6 62.9 94.3





#17

tert-Butyl alcohol

Concen: 10.440 ppbv

RT: 3.851 min Scan# 388

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 59 Resp: 1256999

Ion Ratio Lower Upper

59 100

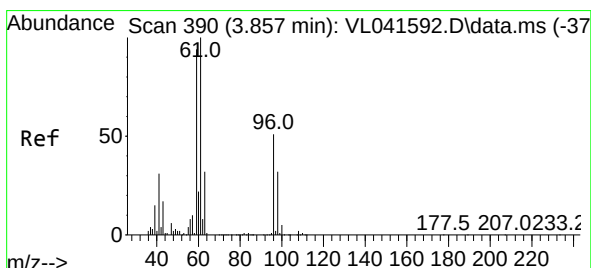
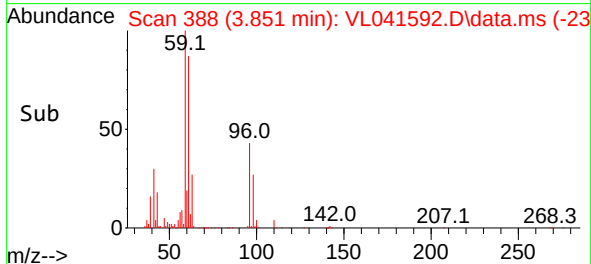
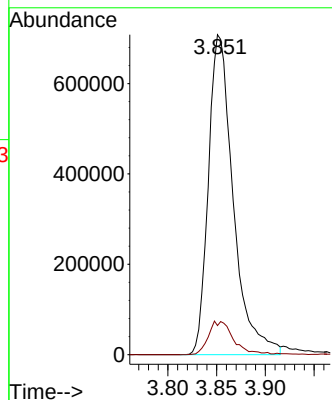
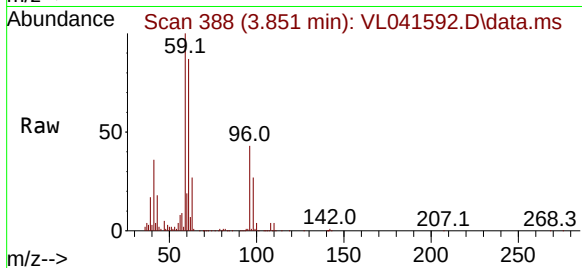
57 10.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#18

1,1-Dichloroethene

Concen: 10.028 ppbv

RT: 3.857 min Scan# 390

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

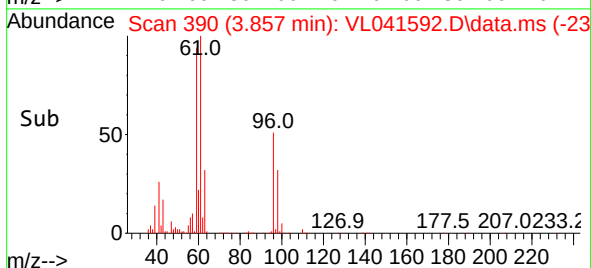
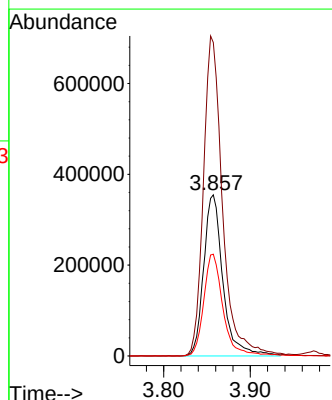
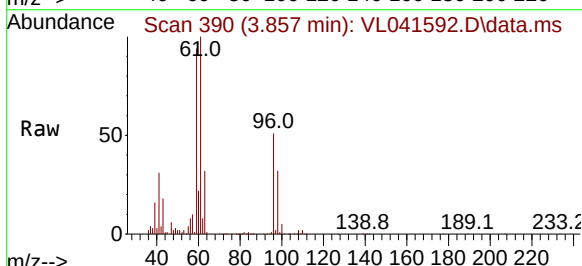
Tgt Ion: 96 Resp: 549303

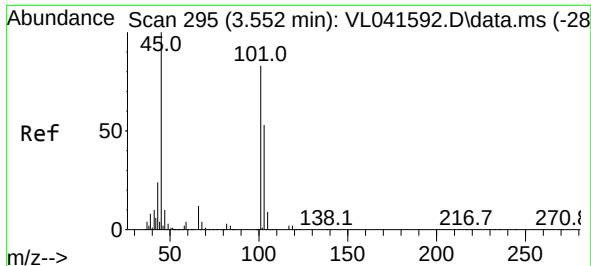
Ion Ratio Lower Upper

96 100

61 194.5 155.6 233.4

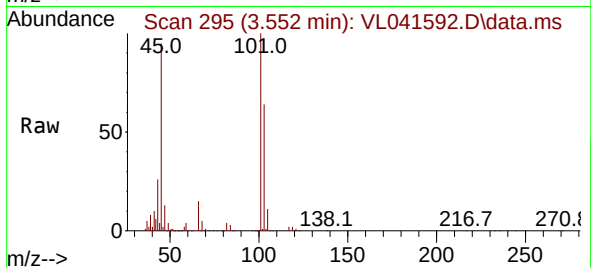
98 63.2 50.6 75.8





#19
Isopropyl Alcohol
Concen: 9.470 ppbv
RT: 3.552 min Scan# 295
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

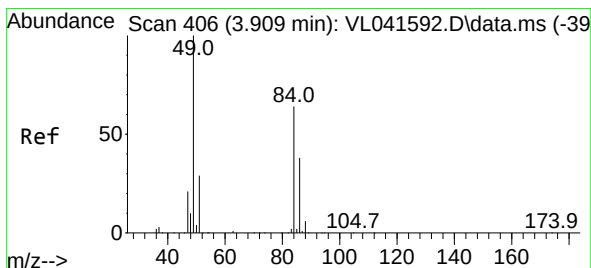
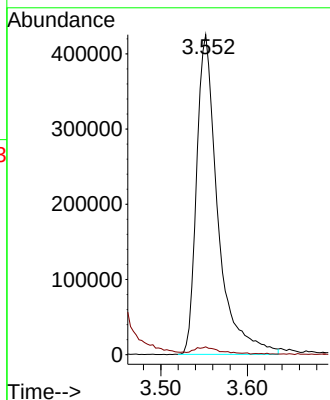
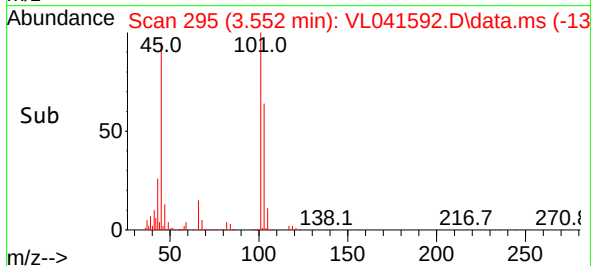
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



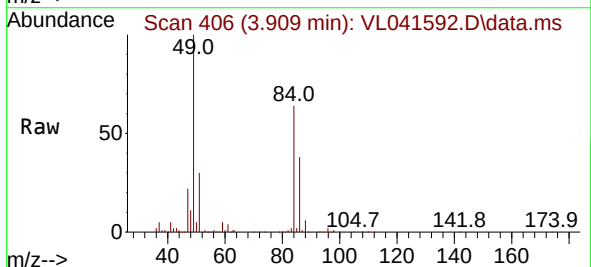
Tgt Ion: 45 Resp: 72115
Ion Ratio Lower Upper
45 100
58 2.6 2.1 3.1

Manual Integrations
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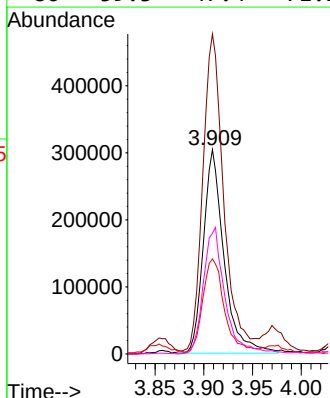
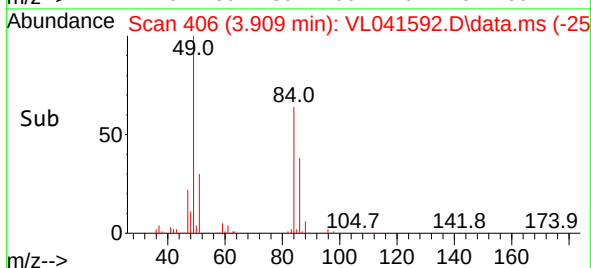
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

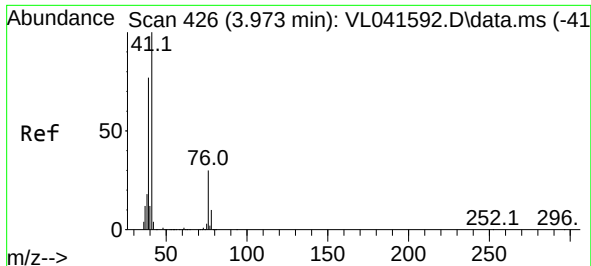


#20
Methylene Chloride
Concen: 9.082 ppbv
RT: 3.909 min Scan# 406
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15



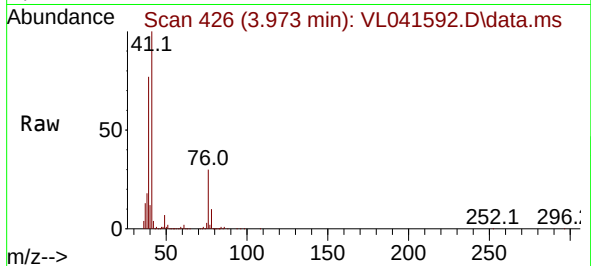
Tgt Ion: 84 Resp: 447422
Ion Ratio Lower Upper
84 100
49 155.4 124.3 186.5
51 45.4 36.3 54.5
86 59.3 47.4 71.2





#21
 Allyl Chloride
 Concen: 9.826 ppbv
 RT: 3.973 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041592.D
 Acq: 16 Sep 2024 13:15

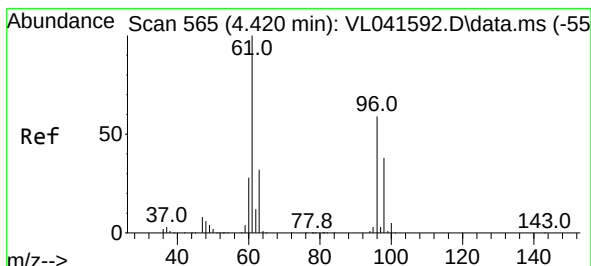
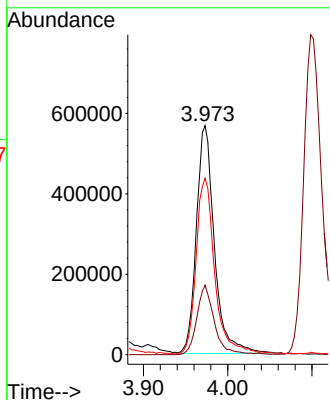
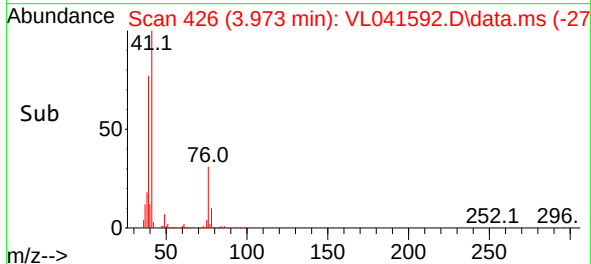
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 41 Resp: 846430
 Ion Ratio Lower Upper
 41 100
 76 29.7 23.8 35.6
 39 79.9 63.9 95.9

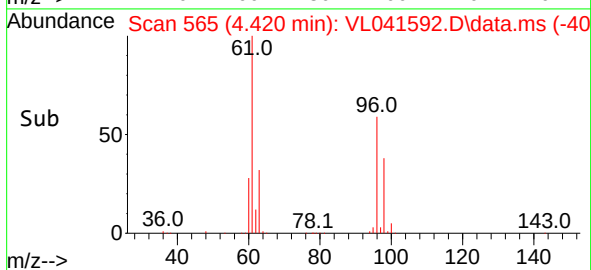
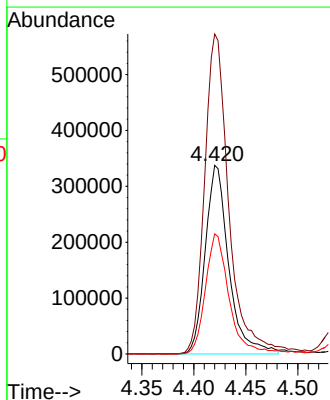
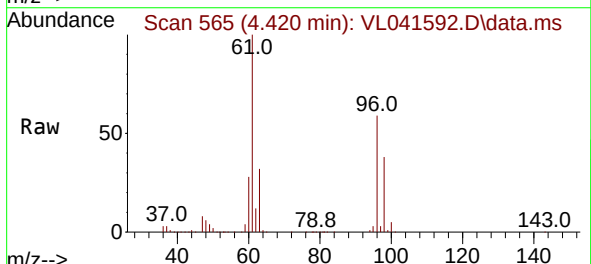
Manual Integrations
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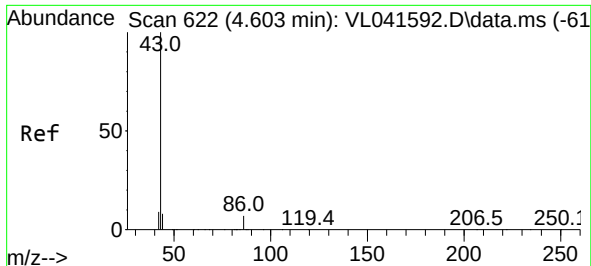
Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024



#22
 trans-1,2-Dichloroethene
 Concen: 9.732 ppbv
 RT: 4.420 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: VL041592.D
 Acq: 16 Sep 2024 13:15

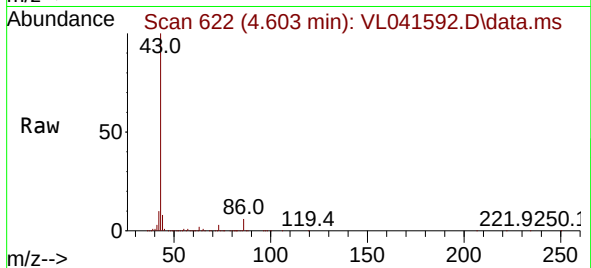
Tgt Ion: 96 Resp: 531058
 Ion Ratio Lower Upper
 96 100
 61 169.6 135.7 203.5
 98 63.6 50.9 76.3





#23
 Vinyl Acetate
 Concen: 8.326 ppbv
 RT: 4.603 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL041592.D
 Acq: 16 Sep 2024 13:15

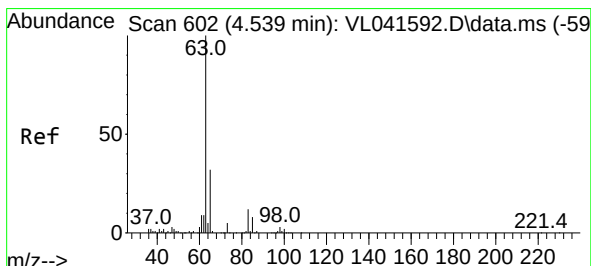
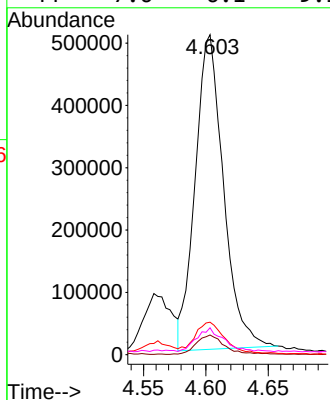
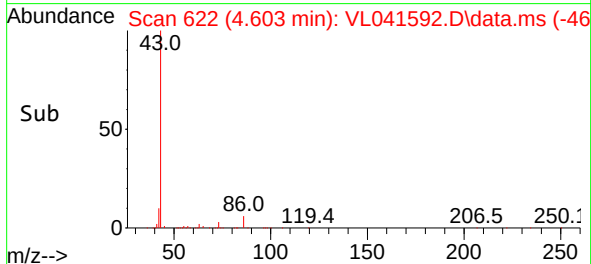
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



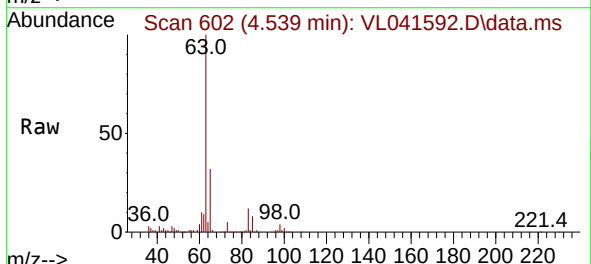
Tgt Ion: 43 Resp: 796209
 Ion Ratio Lower Upper
 43 100
 86 6.1 4.9 7.3
 42 10.0 8.0 12.0
 44 7.6 6.1 9.1

Manual Integrations
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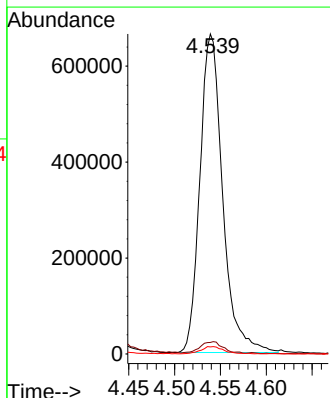
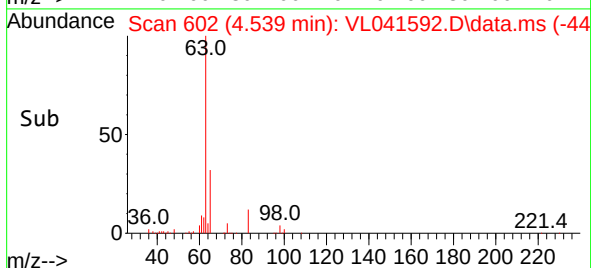
Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024

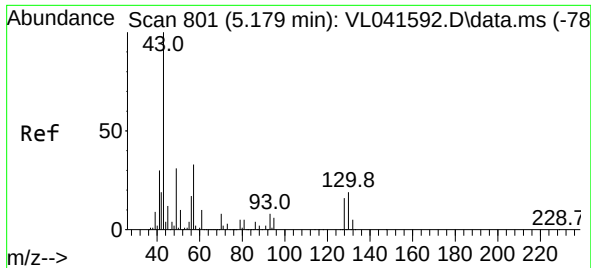


#24
 1,1-Dichloroethane
 Concen: 9.614 ppbv
 RT: 4.539 min Scan# 602
 Delta R.T. 0.000 min
 Lab File: VL041592.D
 Acq: 16 Sep 2024 13:15



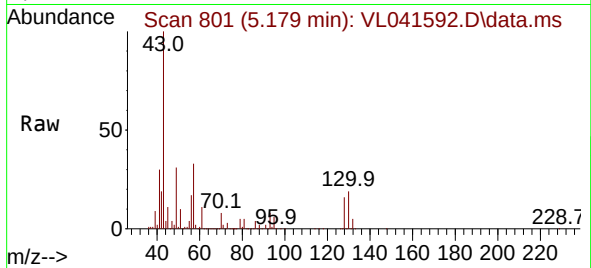
Tgt Ion: 63 Resp: 1144566
 Ion Ratio Lower Upper
 63 100
 98 3.4 1.7 5.1
 100 2.2 1.1 3.3





#25
Ethyl Acetate
Concen: 9.977 ppbv
RT: 5.179 min Scan# 801
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

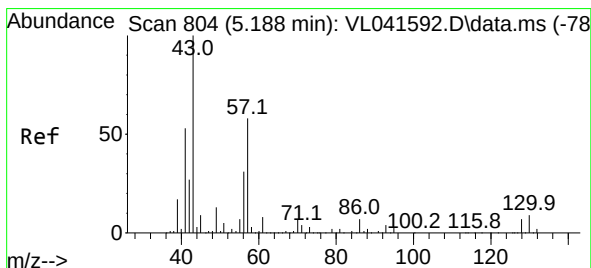
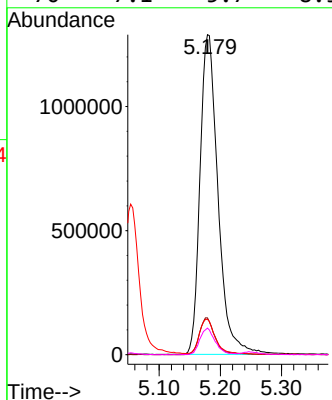
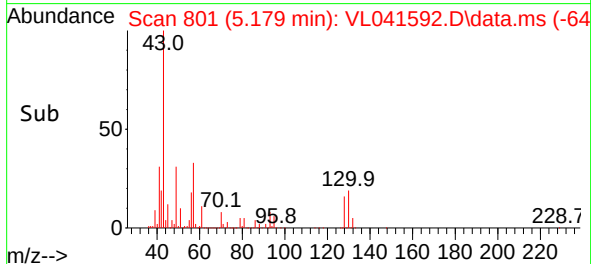
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 2636978
Ion Ratio Lower Upper
43 100
45 10.2 8.2 12.2
61 10.0 8.0 12.0
70 7.1 5.7 8.5

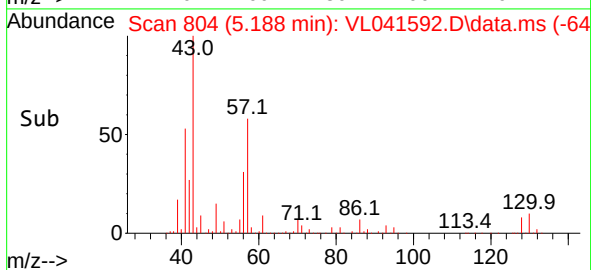
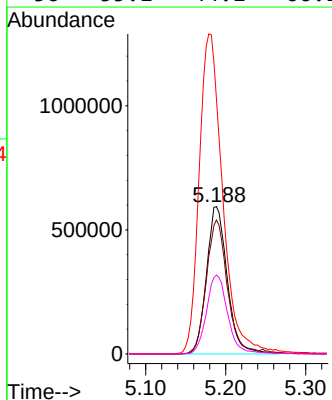
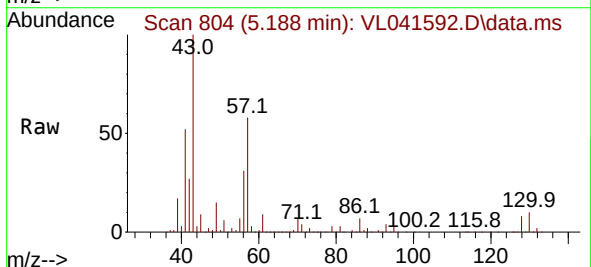
Manual Integrations
APPROVED

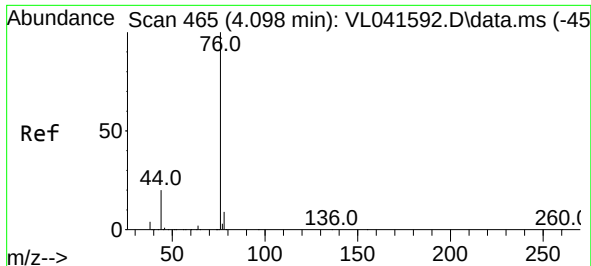
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#26
Hexane
Concen: 9.824 ppbv
RT: 5.188 min Scan# 804
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

Tgt Ion: 57 Resp: 1069971
Ion Ratio Lower Upper
57 100
41 94.6 75.7 113.5
43 248.1 198.5 297.7
56 55.1 44.1 66.1





#27

Carbon Disulfide

Concen: 10.141 ppbv

RT: 4.098 min Scan# 465

Delta R.T. 0.000 min

Lab File: VL041592.D

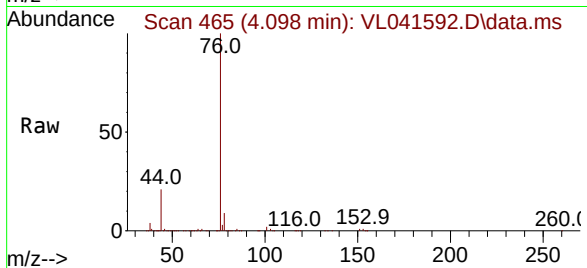
Acq: 16 Sep 2024 13:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion: 76 Resp: 127872

Ion Ratio Lower Upper

76 100

44 19.8 15.8 23.8

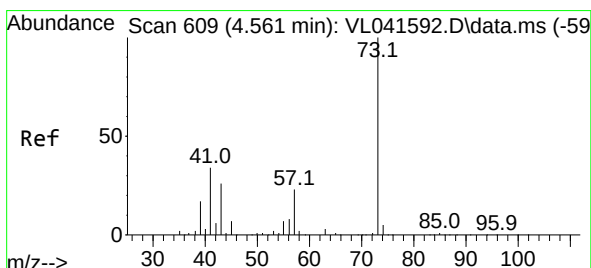
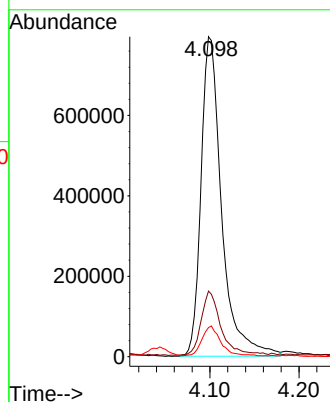
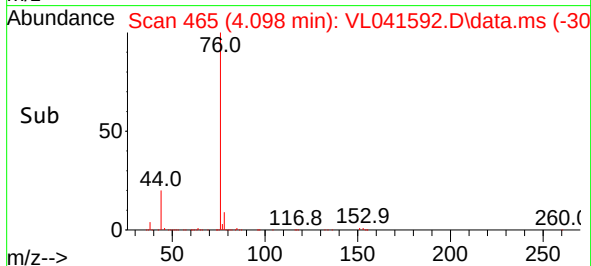
78 9.4 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#28

Methyl tert-Butyl Ether

Concen: 9.433 ppbv

RT: 4.561 min Scan# 609

Delta R.T. 0.000 min

Lab File: VL041592.D

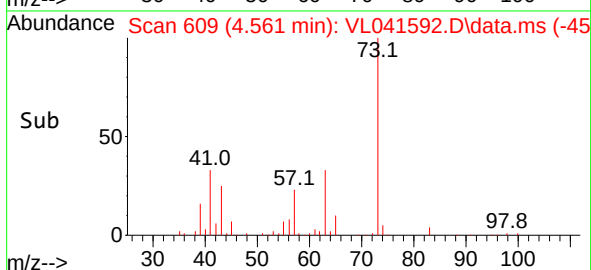
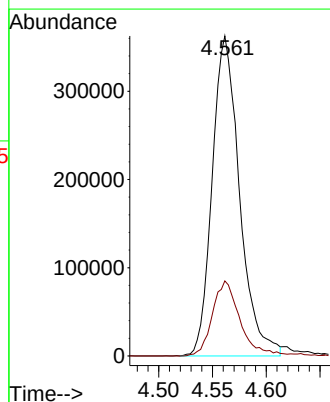
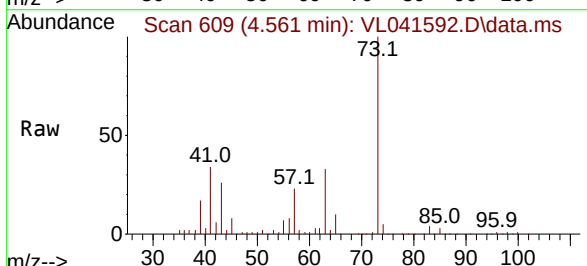
Acq: 16 Sep 2024 13:15

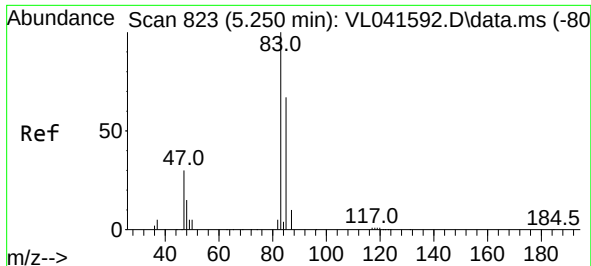
Tgt Ion: 73 Resp: 643194

Ion Ratio Lower Upper

73 100

57 24.1 19.3 28.9





#29

Chloroform

Concen: 9.485 ppbv

RT: 5.250 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 83 Resp: 168055

Ion Ratio Lower Upper

83 100

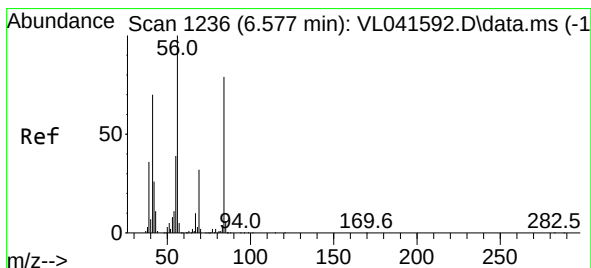
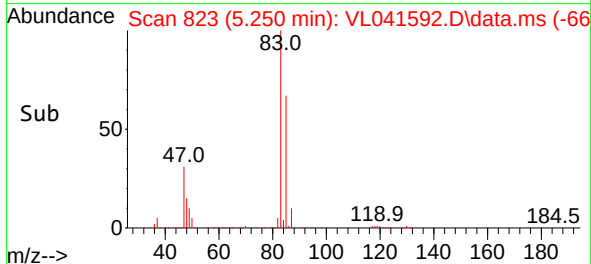
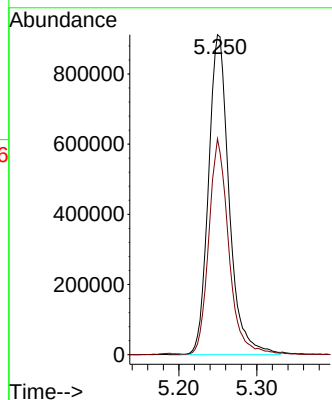
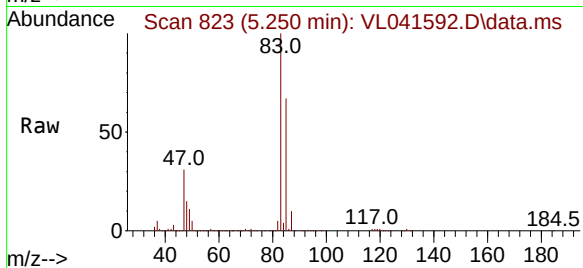
85 67.2 53.8 80.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#30

Cyclohexane

Concen: 10.235 ppbv

RT: 6.577 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

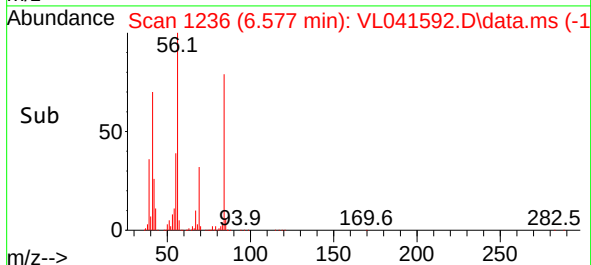
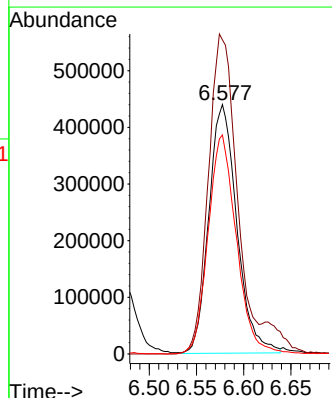
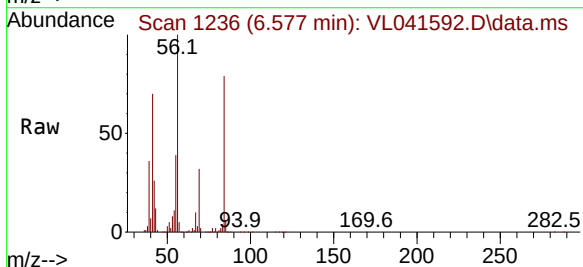
Tgt Ion: 84 Resp: 905301

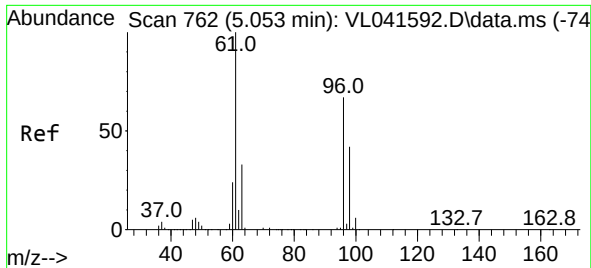
Ion Ratio Lower Upper

84 100

56 139.4 111.5 167.3

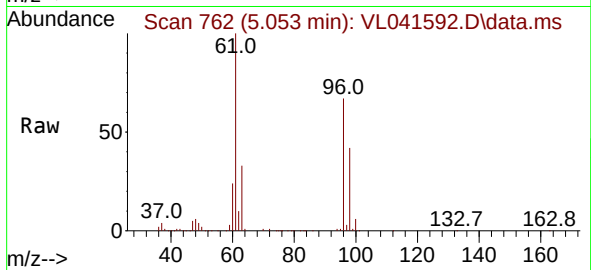
41 88.6 70.9 106.3





#31
 cis-1,2-Dichloroethene
 Concen: 9.711 ppbv
 RT: 5.053 min Scan# 762
 Delta R.T. 0.000 min
 Lab File: VL041592.D
 Acq: 16 Sep 2024 13:15

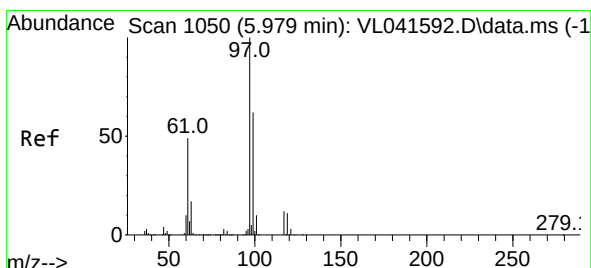
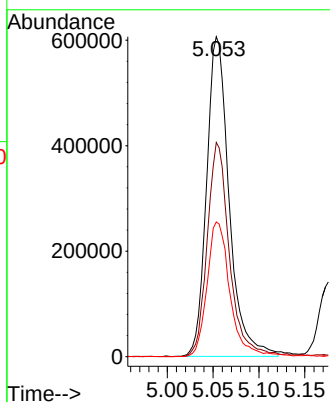
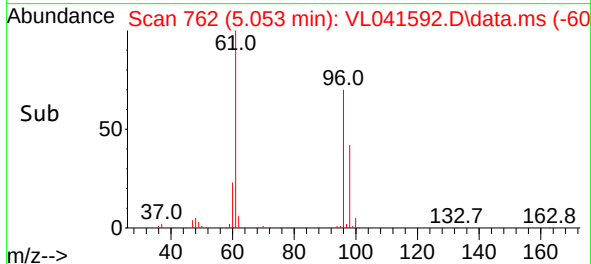
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



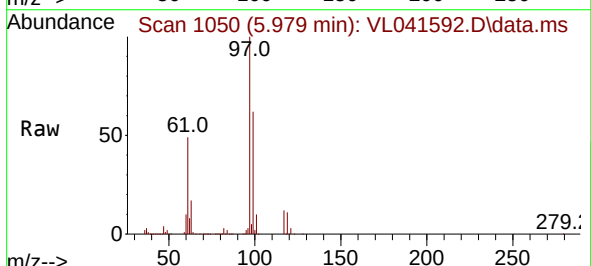
Tgt Ion: 61 Resp: 1038715
 Ion Ratio Lower Upper
 61 100
 96 66.9 53.5 80.3
 98 42.1 33.7 50.5

Manual Integrations
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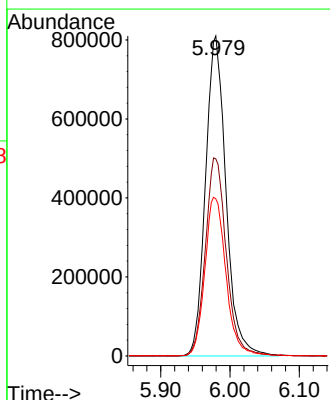
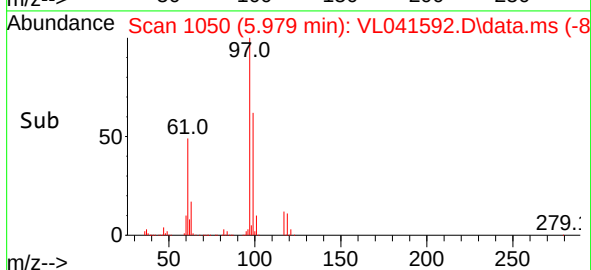
Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024

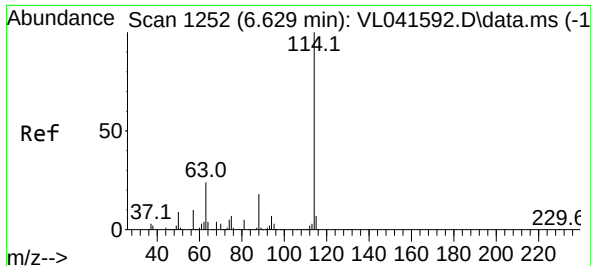


#32
 1,1,1-Trichloroethane
 Concen: 9.635 ppbv
 RT: 5.979 min Scan# 1050
 Delta R.T. 0.000 min
 Lab File: VL041592.D
 Acq: 16 Sep 2024 13:15



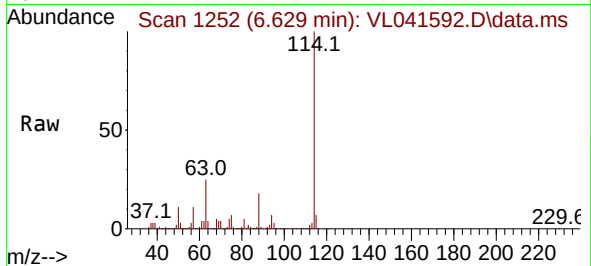
Tgt Ion: 97 Resp: 1658808
 Ion Ratio Lower Upper
 97 100
 99 63.7 51.0 76.4
 61 51.3 41.0 61.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.629 min Scan# 114
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

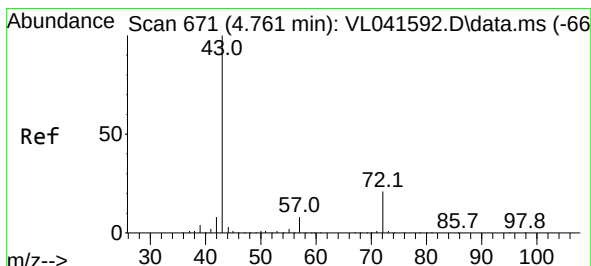
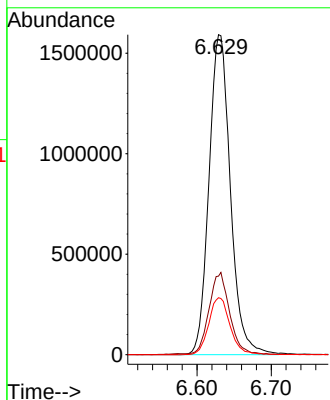
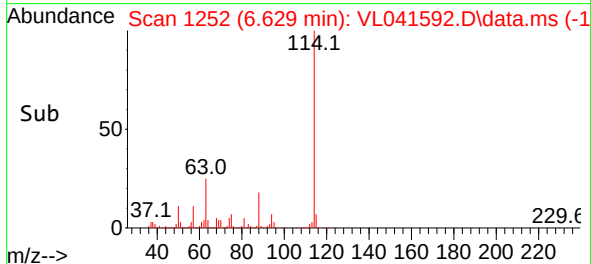
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



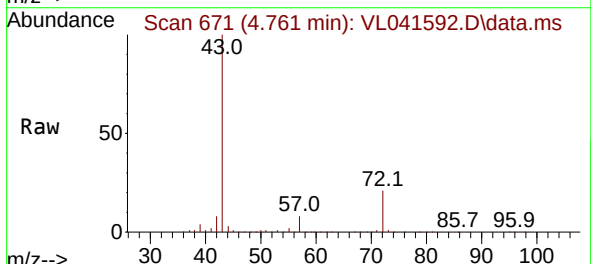
Tgt Ion:114 Resp: 3191034
Ion Ratio Lower Upper
114 100
63 25.2 20.2 30.2
88 17.8 14.2 21.4

Manual Integrations
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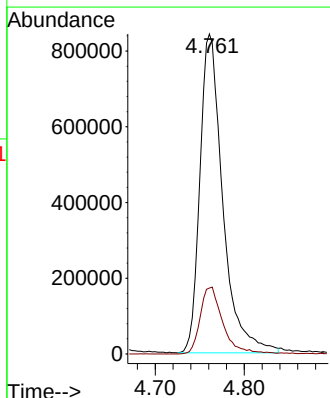
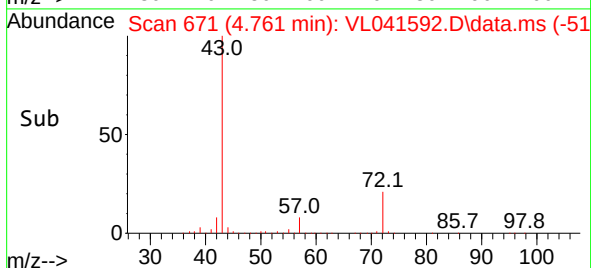
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

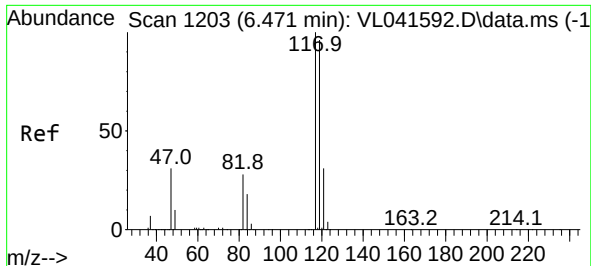


#34
2-Butanone
Concen: 9.714 ppbv
RT: 4.761 min Scan# 671
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15



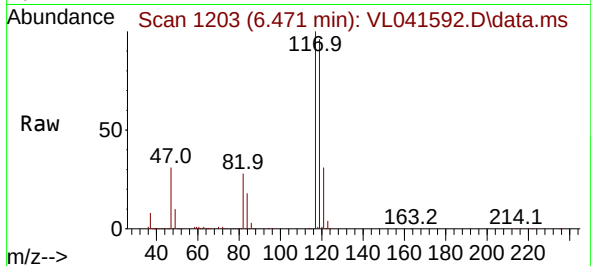
Tgt Ion: 43 Resp: 1501240
Ion Ratio Lower Upper
43 100
72 21.0 16.8 25.2





#35
Carbon Tetrachloride
Concen: 9.862 ppbv
RT: 6.471 min Scan# 117
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

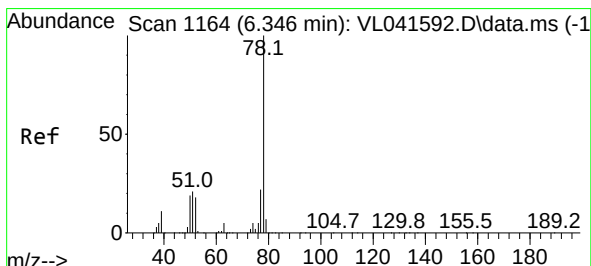
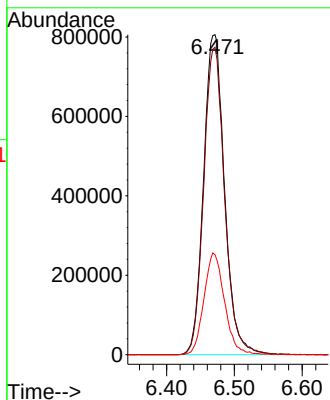
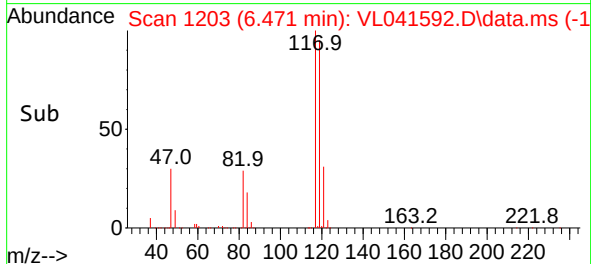
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 117 Resp: 1733798
Ion Ratio Lower Upper
117 100
119 96.0 76.8 115.2
121 31.3 25.0 37.6

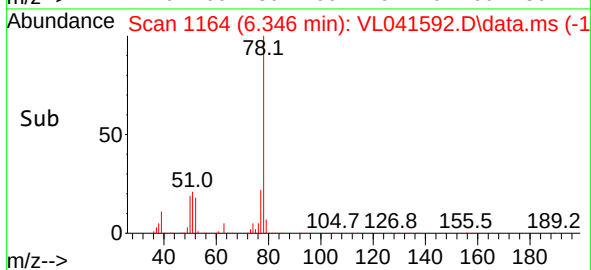
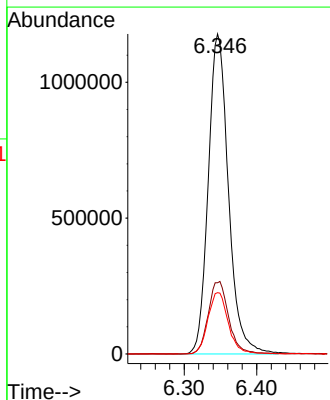
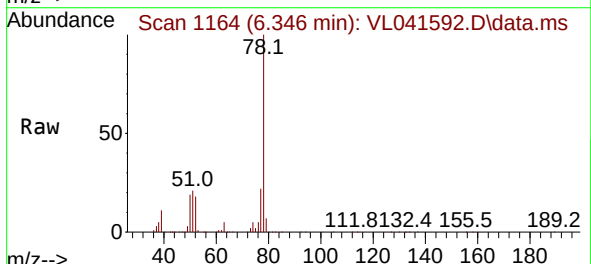
Manual Integrations
APPROVED

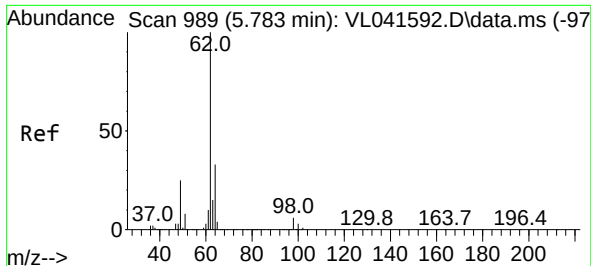
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#36
Benzene
Concen: 9.741 ppbv
RT: 6.346 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

Tgt Ion: 78 Resp: 2276805
Ion Ratio Lower Upper
78 100
77 22.2 17.8 26.6
50 19.2 15.4 23.0





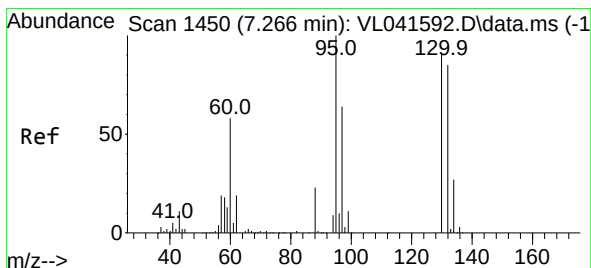
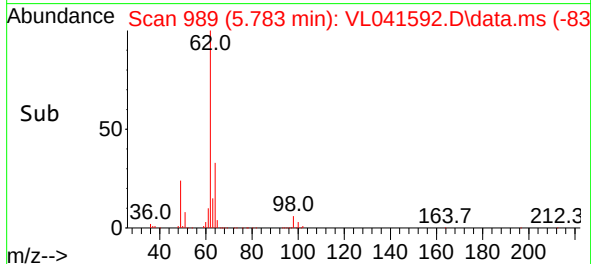
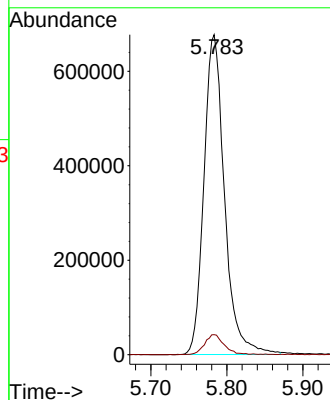
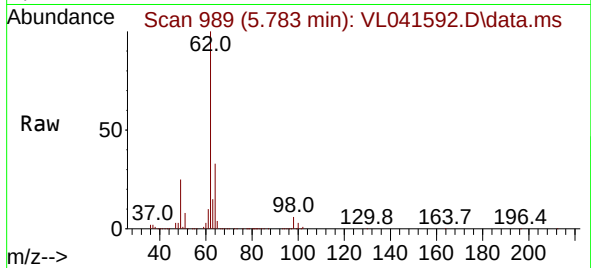
#37
1,2-Dichloroethane
Concen: 9.723 ppbv
RT: 5.783 min Scan# 989
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 62 Resp: 127244
Ion Ratio Lower Upper
62 100
98 6.0 4.8 7.2

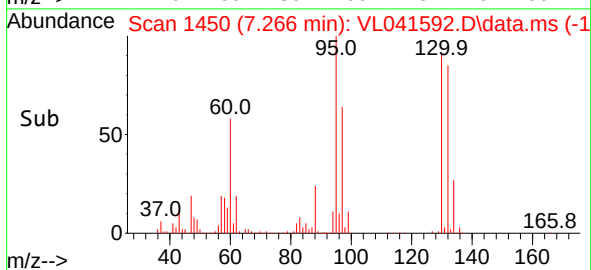
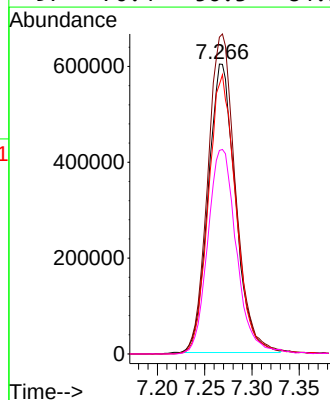
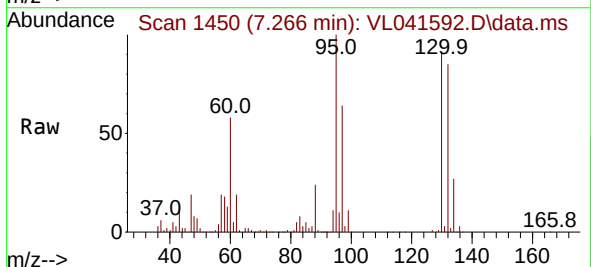
Manual Integrations
APPROVED

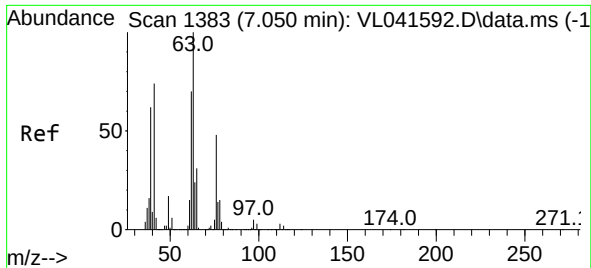
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#38
Trichloroethene
Concen: 11.030 ppbv
RT: 7.266 min Scan# 1450
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

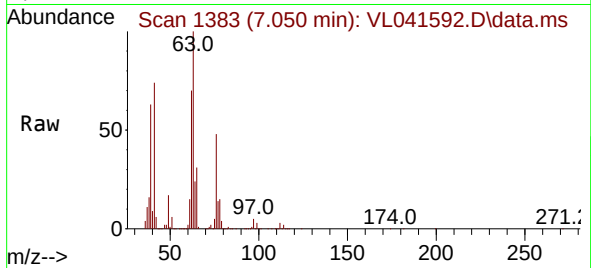
Tgt Ion:130 Resp: 1207402
Ion Ratio Lower Upper
130 100
95 109.6 87.7 131.5
132 93.1 74.5 111.7
97 70.4 56.3 84.5





#39
 1,2-Dichloropropane
 Concen: 9.764 ppbv
 RT: 7.050 min Scan# 1383
 Delta R.T. 0.000 min
 Lab File: VL041592.D
 Acq: 16 Sep 2024 13:15

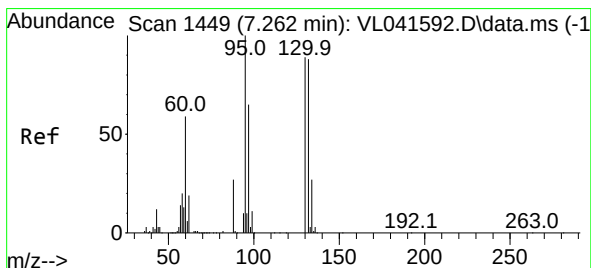
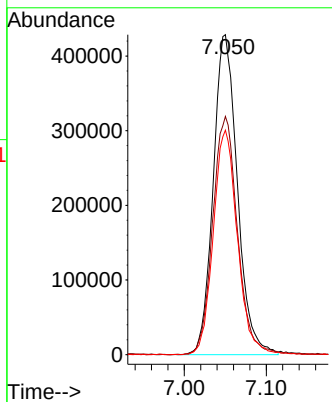
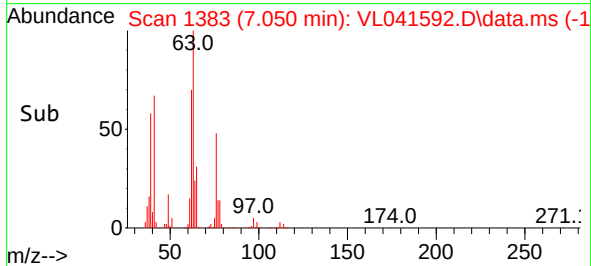
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 63 Resp: 877299
 Ion Ratio Lower Upper
 63 100
 41 74.4 59.5 89.3
 62 70.2 56.2 84.2

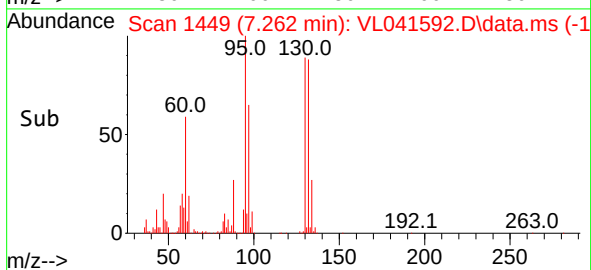
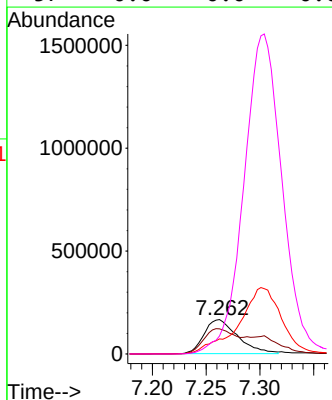
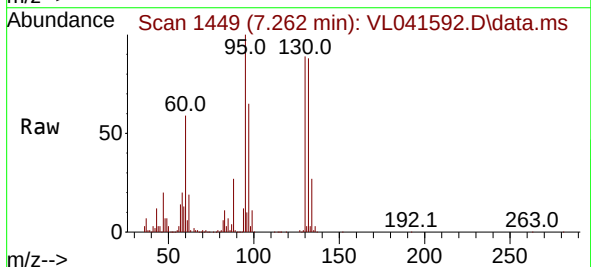
Manual Integrations
 APPROVED

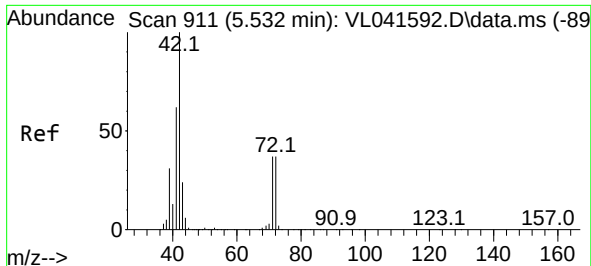
Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024



#40
 1,4-Dioxane
 Concen: 10.129 ppbv
 RT: 7.262 min Scan# 1449
 Delta R.T. 0.000 min
 Lab File: VL041592.D
 Acq: 16 Sep 2024 13:15

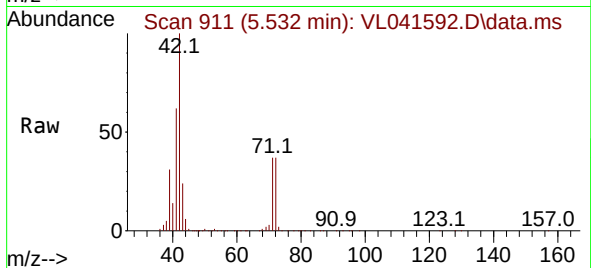
Tgt Ion: 88 Resp: 362562
 Ion Ratio Lower Upper
 88 100
 58 125.3 100.2 150.4
 43 0.0 0.0 0.0
 57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 10.354 ppbv
RT: 5.532 min Scan# 911
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

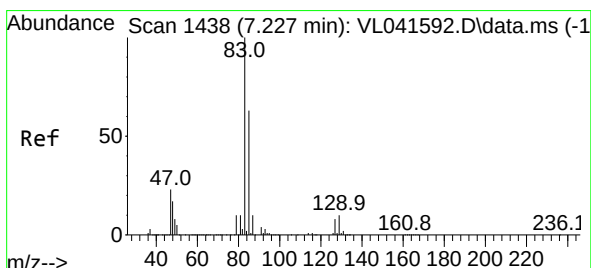
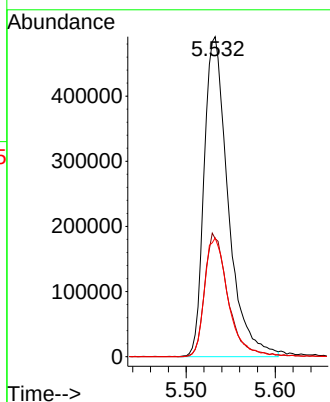
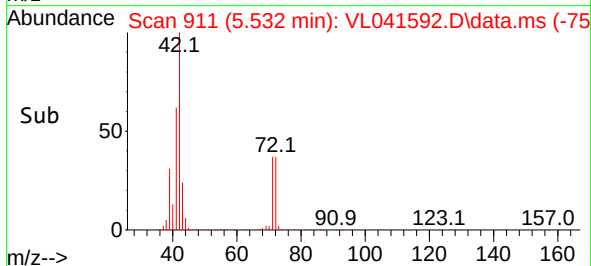
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



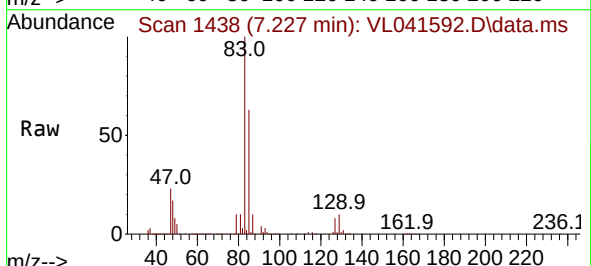
Tgt Ion: 42 Resp: 921404
Ion Ratio Lower Upper
42 100
72 37.7 30.2 45.2
71 37.0 29.6 44.4

Manual Integrations
APPROVED

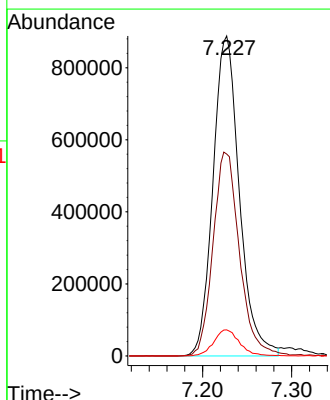
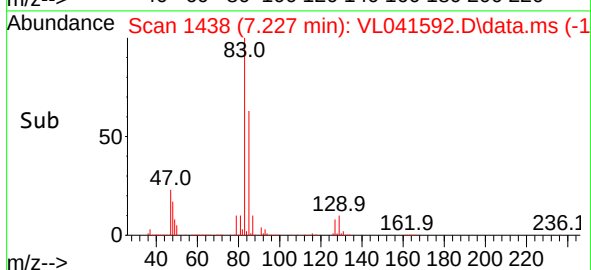
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

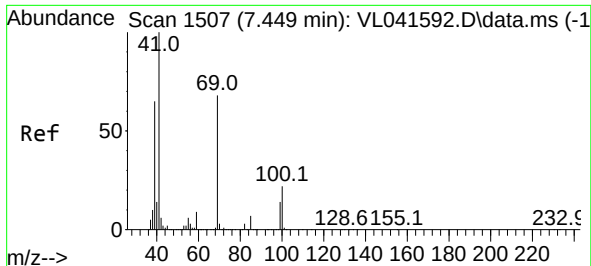


#42
Bromodichloromethane
Concen: 9.717 ppbv
RT: 7.227 min Scan# 1438
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15



Tgt Ion: 83 Resp: 1829048
Ion Ratio Lower Upper
83 100
85 63.1 50.5 75.7
127 8.1 6.5 9.7





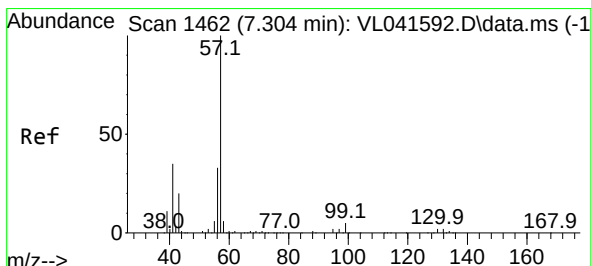
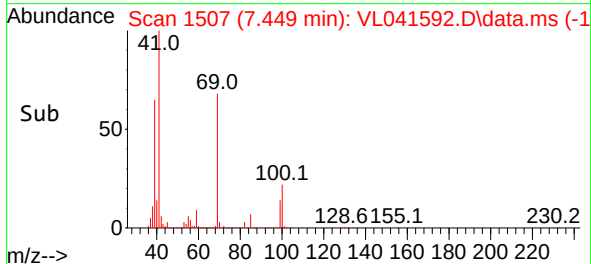
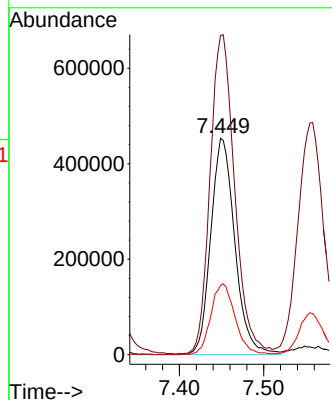
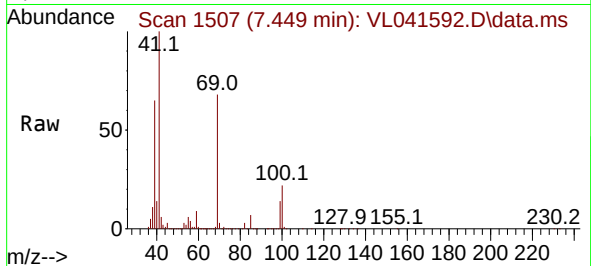
#43
Methyl Methacrylate
Concen: 10.728 ppbv
RT: 7.449 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 69 Resp: 895478
Ion Ratio Lower Upper
69 100
41 152.2 121.8 182.6
100 33.1 26.5 39.7

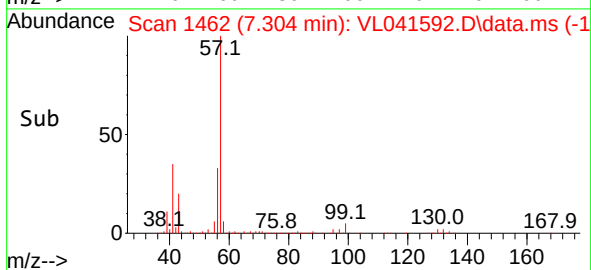
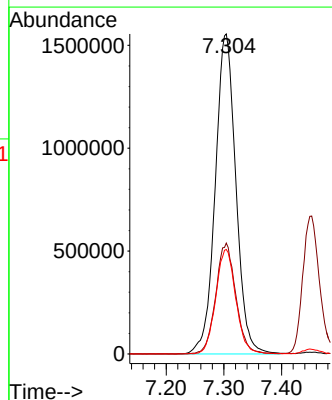
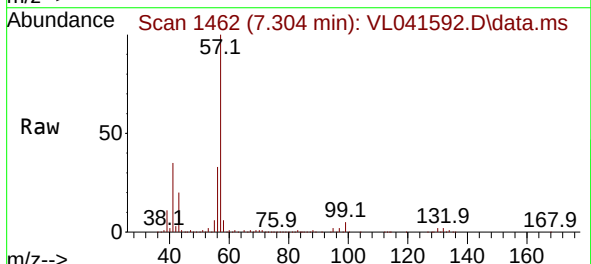
Manual Integrations
APPROVED

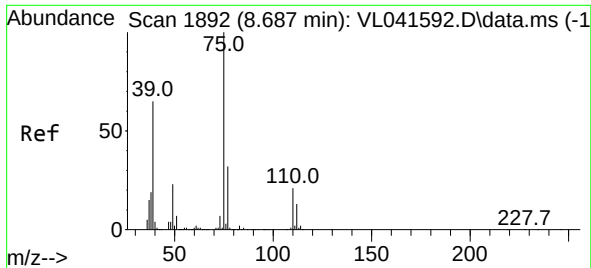
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#44
2,2,4-Trimethylpentane
Concen: 9.842 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

Tgt Ion: 57 Resp: 3860881
Ion Ratio Lower Upper
57 100
41 33.8 27.0 40.6
56 31.9 25.5 38.3





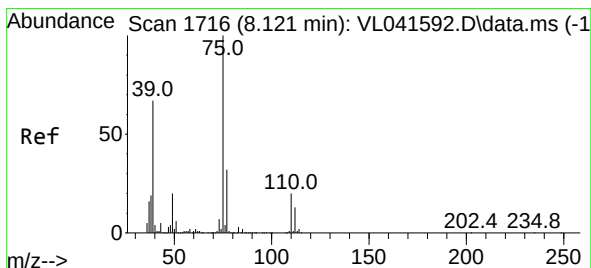
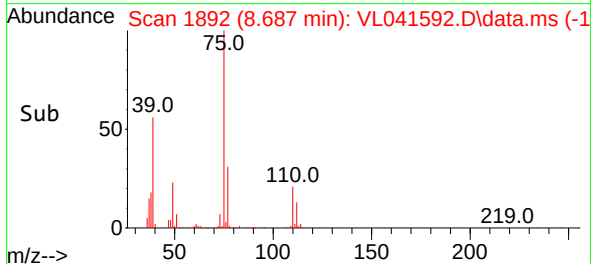
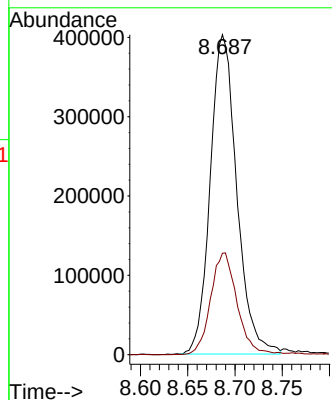
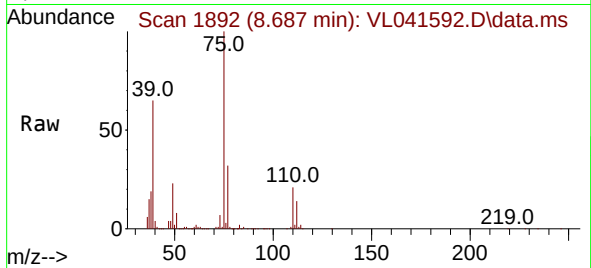
#45
 t-1,3-Dichloropropene
 Concen: 10.580 ppbv
 RT: 8.687 min Scan# 1892
 Delta R.T. 0.000 min
 Lab File: VL041592.D
 Acq: 16 Sep 2024 13:15

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 75 Resp: 786684
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0

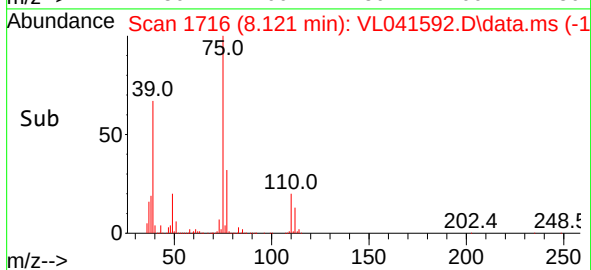
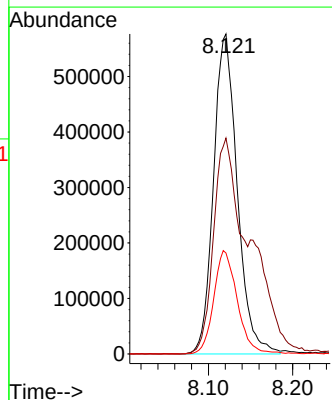
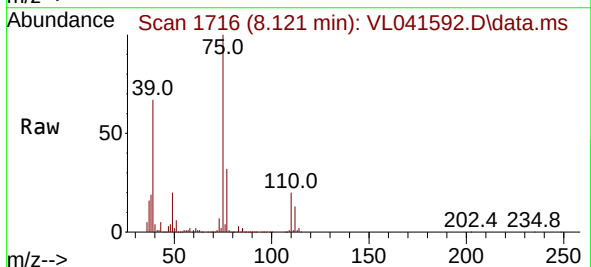
Manual Integrations
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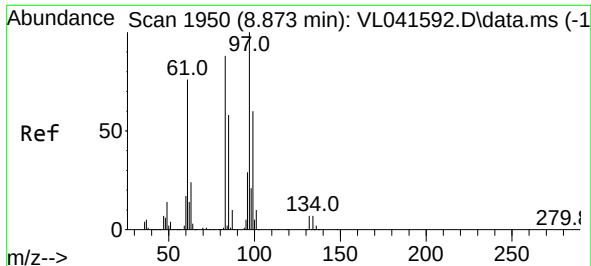
Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024



#46
 cis-1,3-Dichloropropene
 Concen: 10.315 ppbv
 RT: 8.121 min Scan# 1716
 Delta R.T. 0.000 min
 Lab File: VL041592.D
 Acq: 16 Sep 2024 13:15

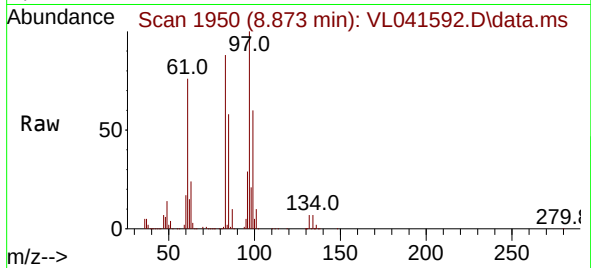
Tgt Ion: 75 Resp: 1127288
 Ion Ratio Lower Upper
 75 100
 39 67.5 54.0 81.0
 77 31.5 25.2 37.8





#47
1,1,2-Trichloroethane
Concen: 9.656 ppbv
RT: 8.873 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

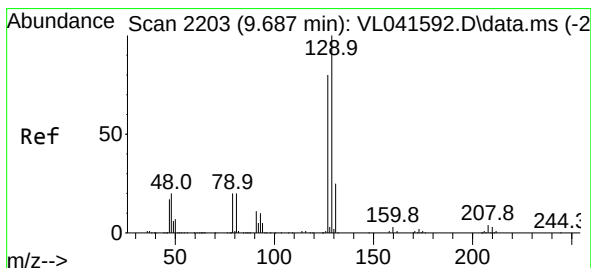
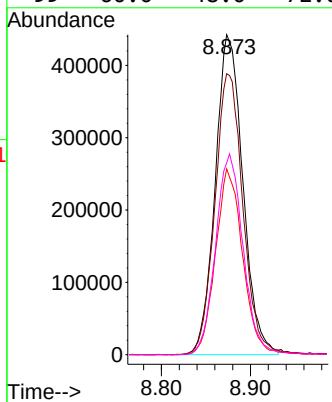
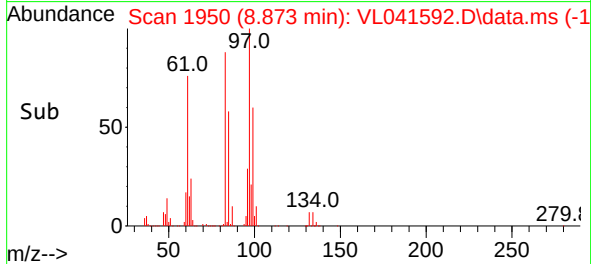
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 97 Resp: 952785
Ion Ratio Lower Upper
97 100
83 87.8 70.2 105.4
85 57.9 46.3 69.5
99 60.0 48.0 72.0

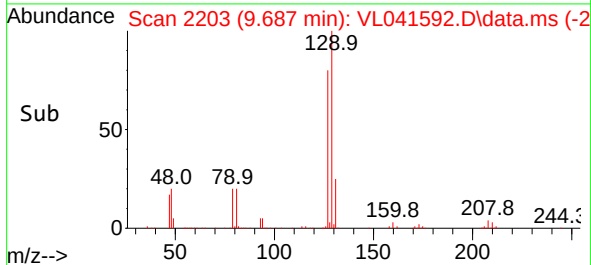
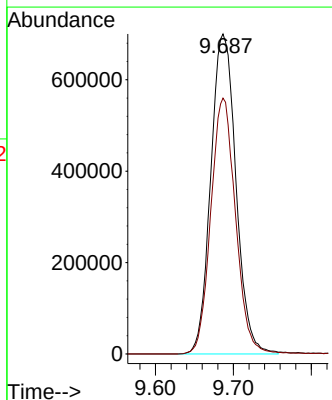
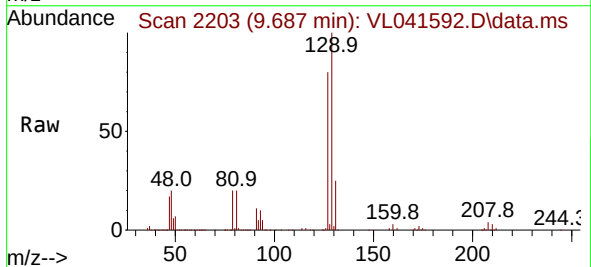
Manual Integrations
APPROVED

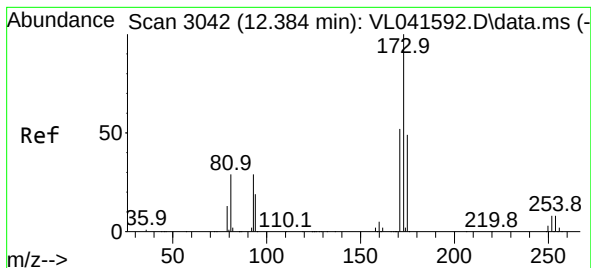
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#48
Dibromochloromethane
Concen: 9.972 ppbv
RT: 9.687 min Scan# 2203
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

Tgt Ion:129 Resp: 1573314
Ion Ratio Lower Upper
129 100
127 78.6 39.3 117.9





#49

Bromoform

Concen: 10.374 ppbv

RT: 12.384 min Scan# 3042

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:173 Resp: 138011

Ion Ratio Lower Upper

173 100

175 50.1 40.1 60.1

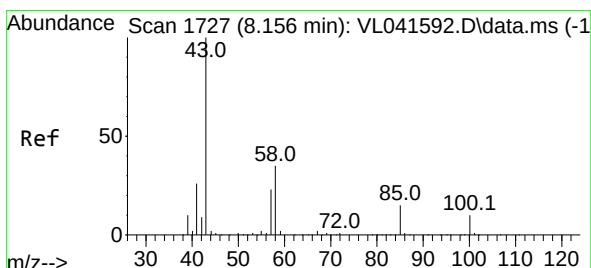
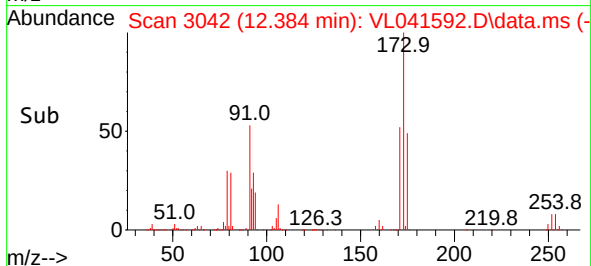
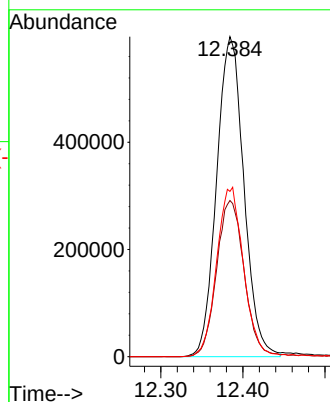
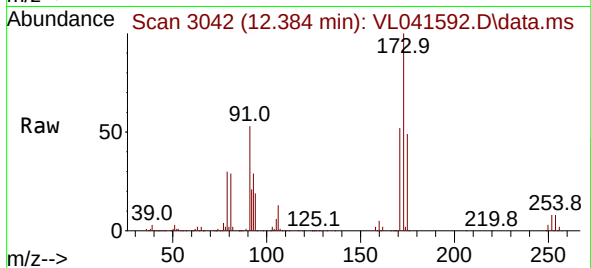
171 52.8 42.2 63.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#50

4-Methyl-2-Pentanone

Concen: 10.343 ppbv

RT: 8.156 min Scan# 1727

Delta R.T. 0.000 min

Lab File: VL041592.D

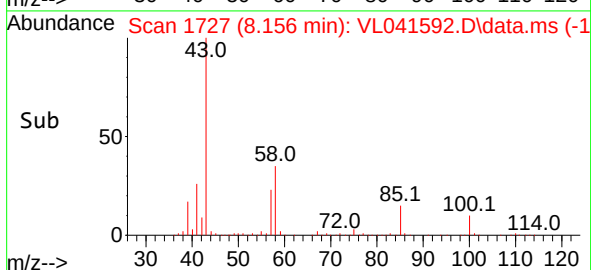
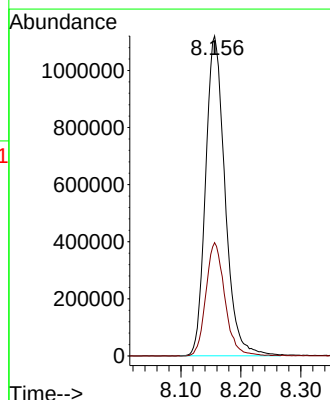
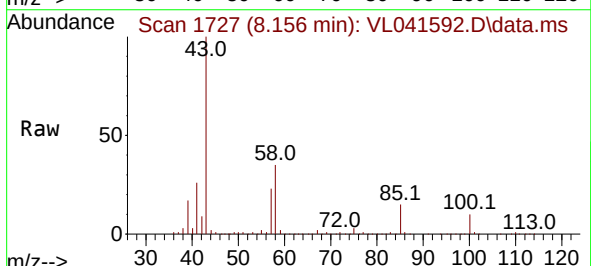
Acq: 16 Sep 2024 13:15

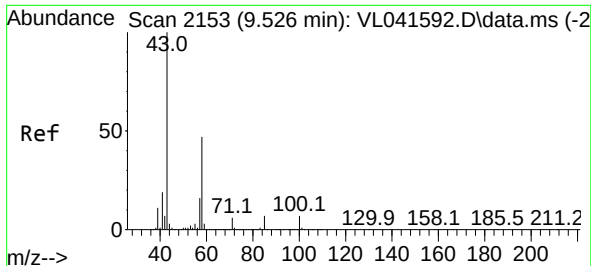
Tgt Ion: 43 Resp: 2529791

Ion Ratio Lower Upper

43 100

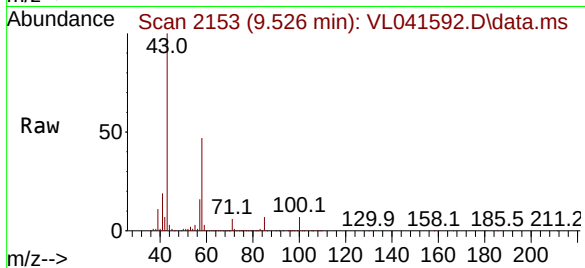
58 34.8 27.8 41.8





#51
2-Hexanone
Concen: 10.956 ppbv
RT: 9.526 min Scan# 2153
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

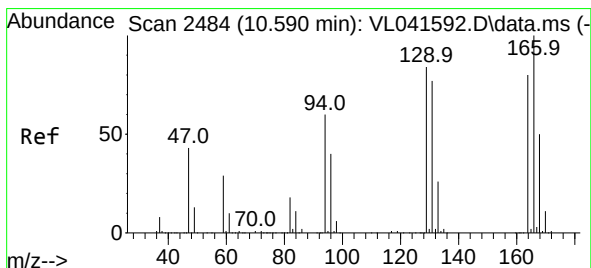
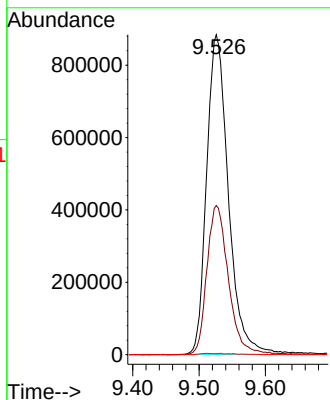
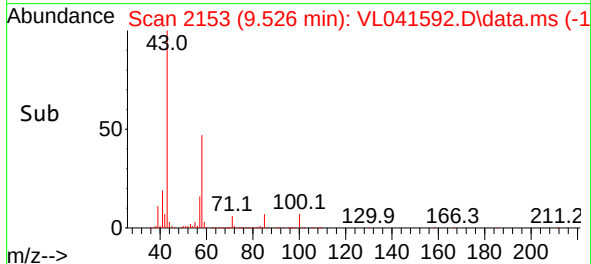
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



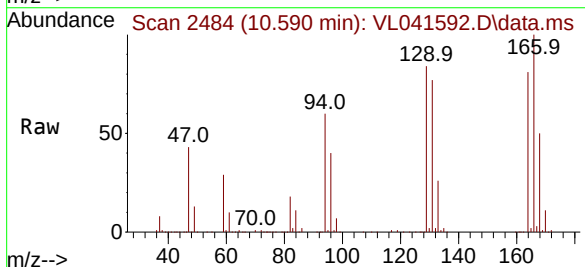
Tgt Ion: 43 Resp: 2011980
Ion Ratio Lower Upper
43 100
58 46.5 37.2 55.8
98 0.6 0.5 0.7

Manual Integrations
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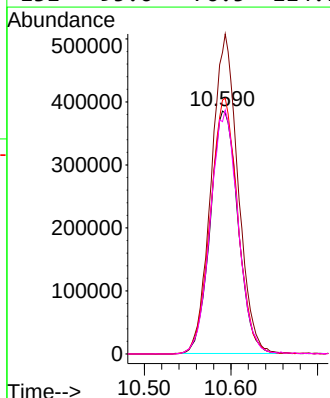
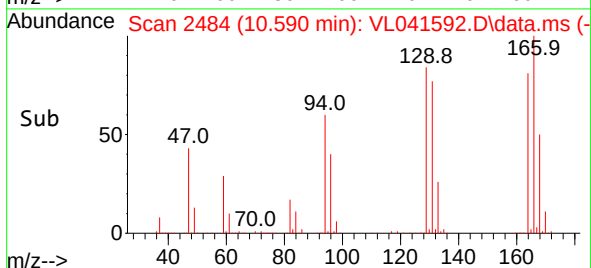
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

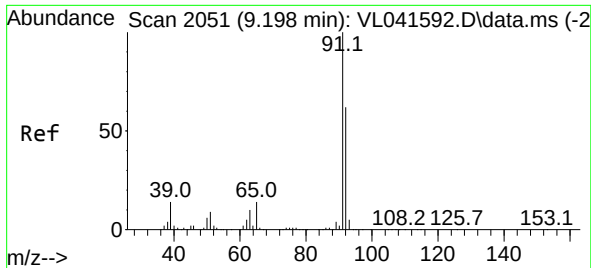


#52
Tetrachloroethene
Concen: 9.478 ppbv
RT: 10.590 min Scan# 2484
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15



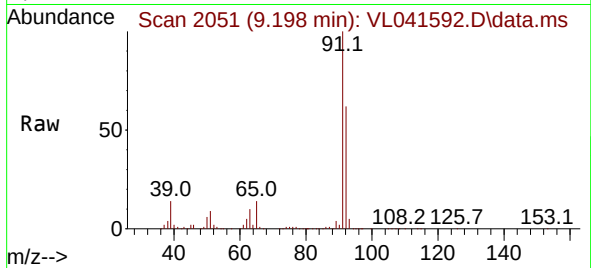
Tgt Ion:164 Resp: 852321
Ion Ratio Lower Upper
164 100
166 124.3 99.4 149.2
129 104.4 83.5 125.3
131 95.6 76.5 114.7





#53
Toluene
Concen: 10.235 ppbv
RT: 9.198 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

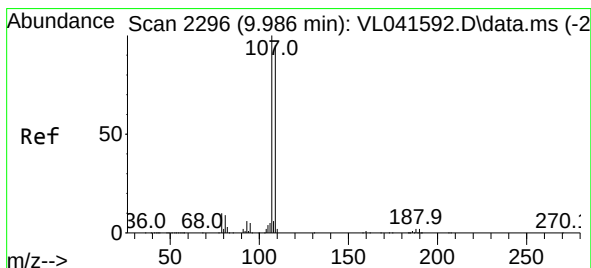
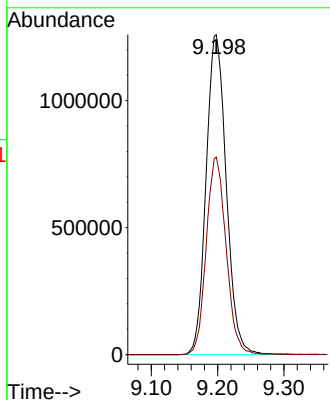
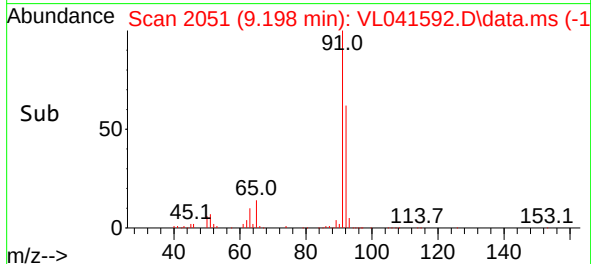
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



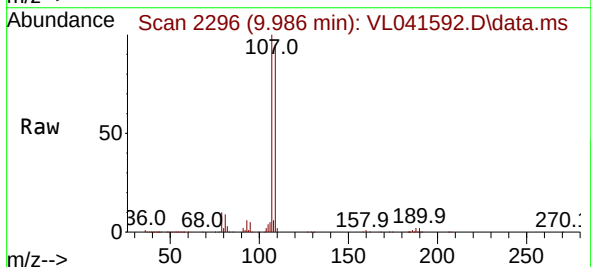
Tgt Ion: 91 Resp: 266166
Ion Ratio Lower Upper
91 100
92 61.1 48.9 73.3

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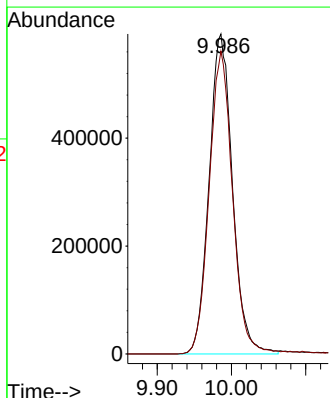
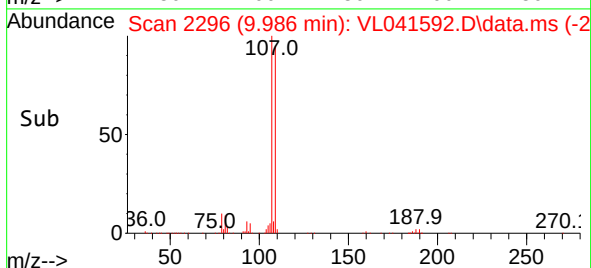
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

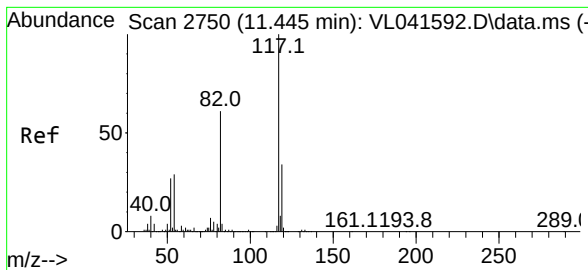


#54
1,2-Dibromoethane
Concen: 10.010 ppbv
RT: 9.986 min Scan# 2296
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15



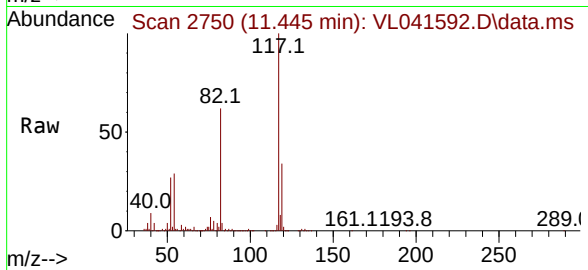
Tgt Ion:107 Resp: 1299501
Ion Ratio Lower Upper
107 100
109 94.6 75.7 113.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.445 min Scan# 2750
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

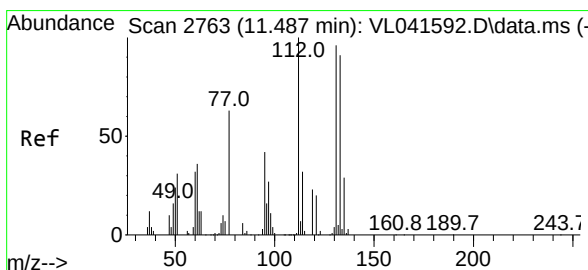
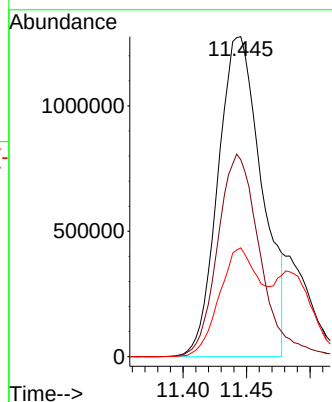
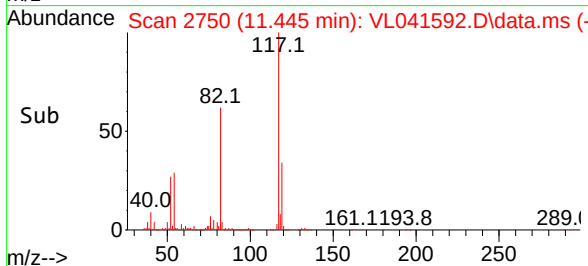
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



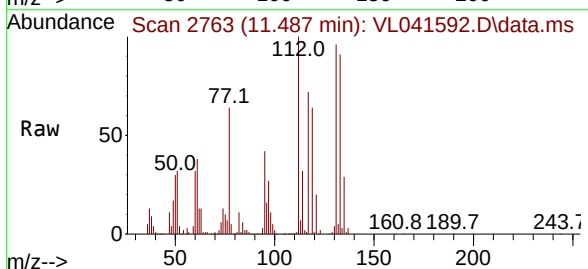
Tgt Ion:117 Resp: 3069570
Ion Ratio Lower Upper
117 100
82 61.8 49.4 74.2
119 30.4 24.4 36.6

Manual Integrations
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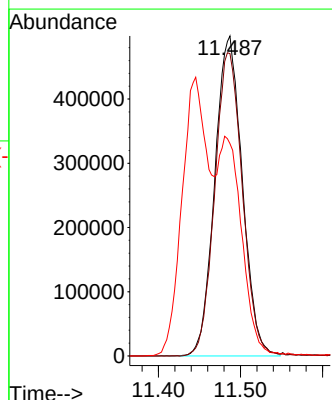
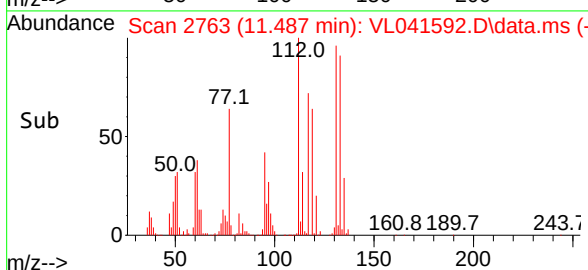
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

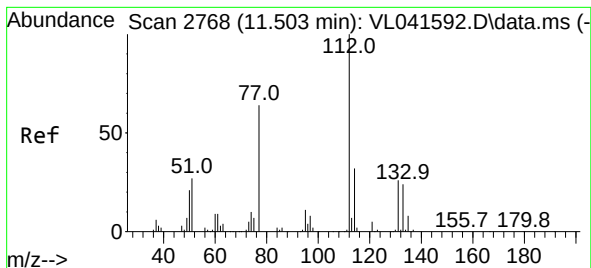


#56
1,1,1,2-Tetrachloroethane
Concen: 9.726 ppbv
RT: 11.487 min Scan# 2763
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15



Tgt Ion:131 Resp: 1161709
Ion Ratio Lower Upper
131 100
133 95.8 76.6 115.0
119 60.6 48.5 72.7





#57

Chlorobenzene

Concen: 9.574 ppbv

RT: 11.503 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:112 Resp: 210355

Ion Ratio Lower Upper

112 100

77 65.0 52.0 78.0

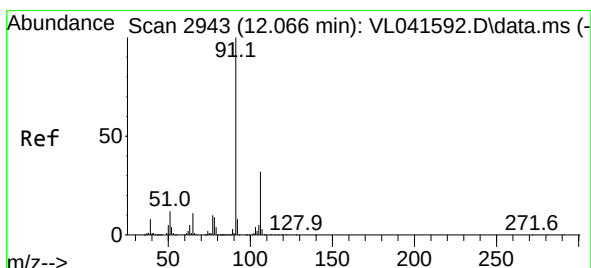
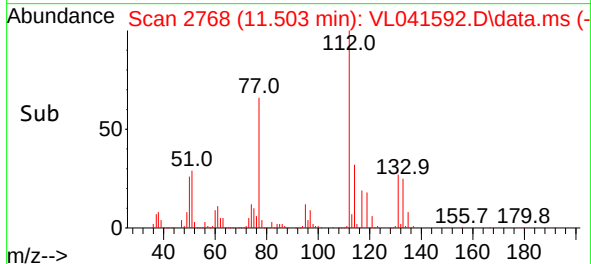
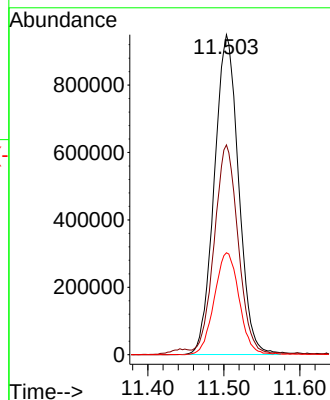
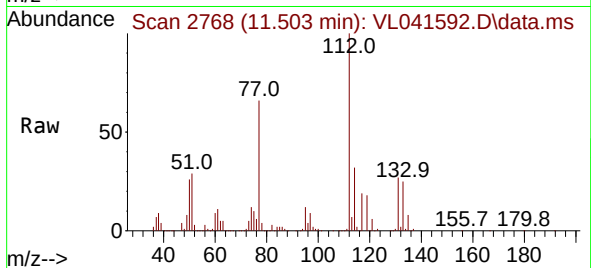
114 31.8 28.6 35.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#58

Ethyl Benzene

Concen: 10.136 ppbv

RT: 12.066 min Scan# 2943

Delta R.T. 0.000 min

Lab File: VL041592.D

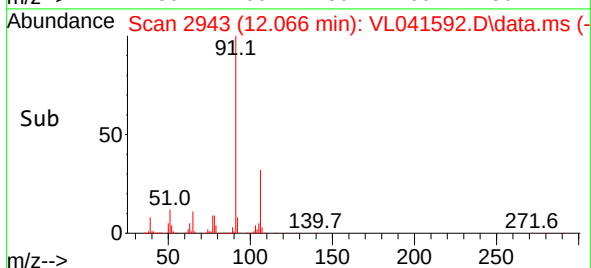
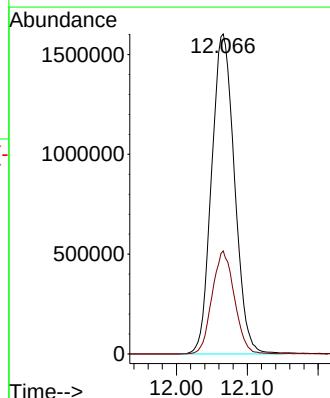
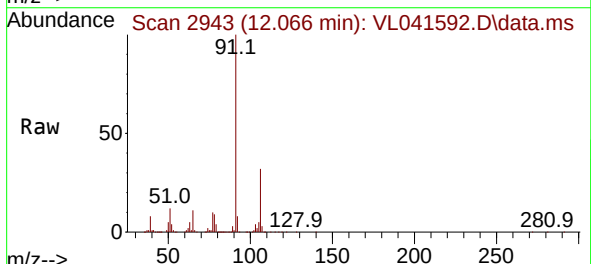
Acq: 16 Sep 2024 13:15

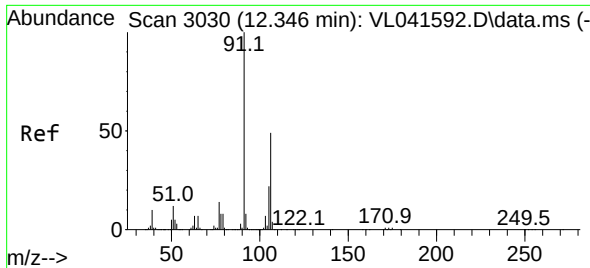
Tgt Ion: 91 Resp: 3600157

Ion Ratio Lower Upper

91 100

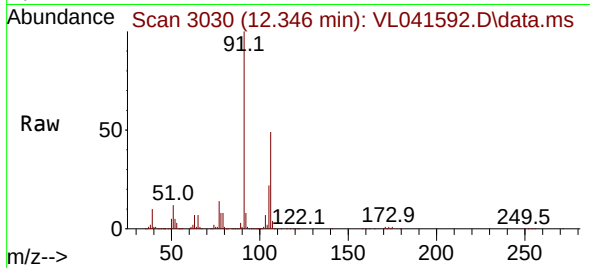
106 32.2 25.8 38.6





#59
m/p-Xylene
Concen: 19.957 ppbv m
RT: 12.346 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

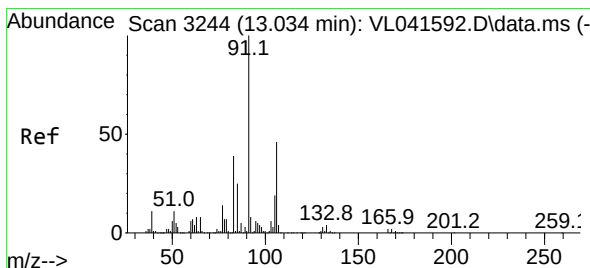
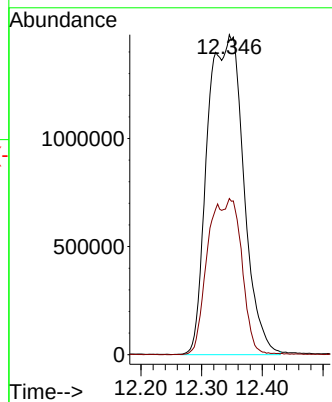
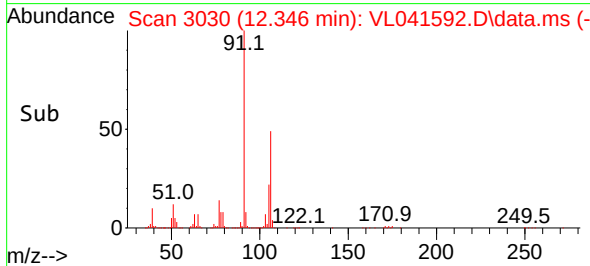
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



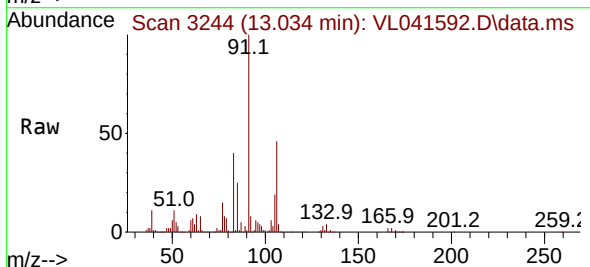
Tgt Ion: 91 Resp: 6116054
Ion Ratio Lower Upper
91 100
106 46.0 36.8 55.2

Manual Integrations
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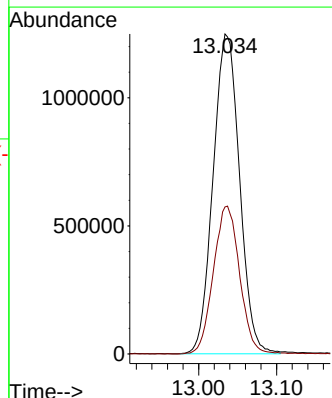
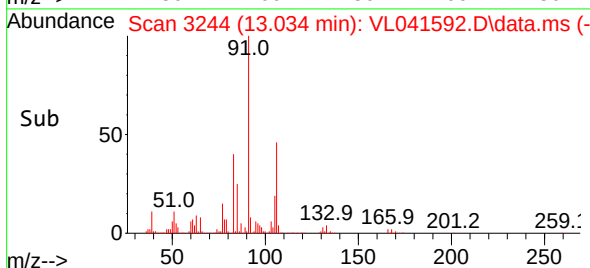
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

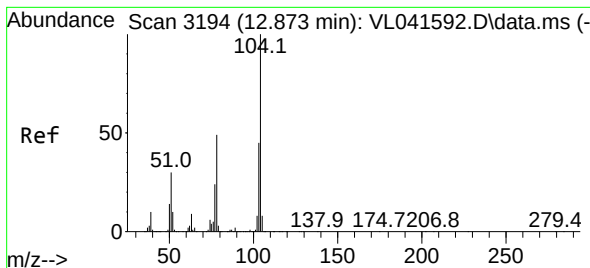


#60
o-Xylene
Concen: 10.140 ppbv
RT: 13.034 min Scan# 3244
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15



Tgt Ion: 91 Resp: 2948315
Ion Ratio Lower Upper
91 100
106 46.2 23.1 69.3





#61

Styrene

Concen: 11.003 ppbv

RT: 12.873 min Scan# 3194

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:104 Resp: 143706

Ion Ratio Lower Upper

104 100

78 49.7 39.8 59.6

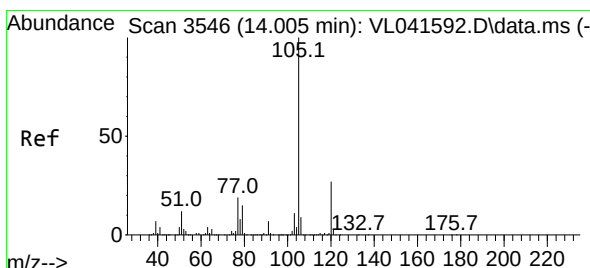
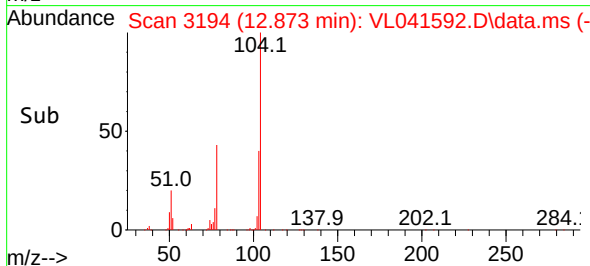
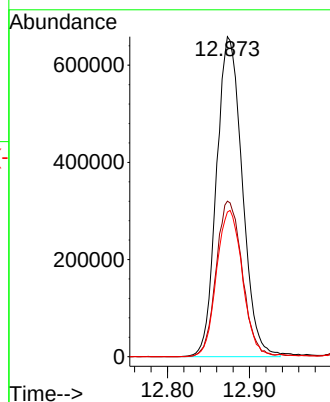
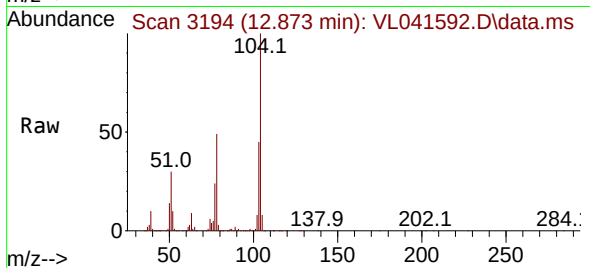
103 46.7 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#62

Isopropylbenzene

Concen: 9.708 ppbv

RT: 14.005 min Scan# 3546

Delta R.T. 0.000 min

Lab File: VL041592.D

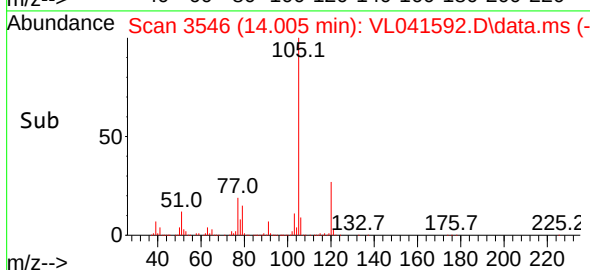
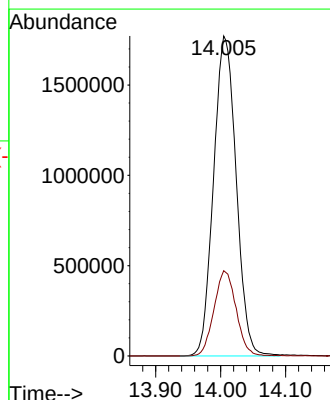
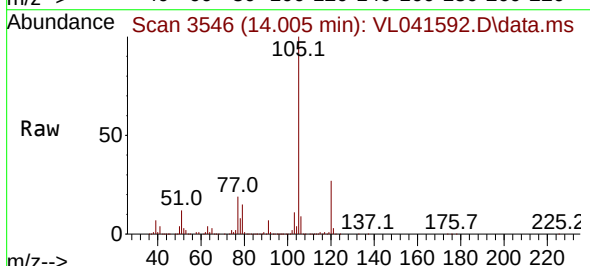
Acq: 16 Sep 2024 13:15

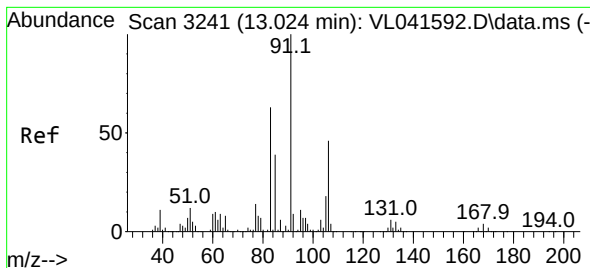
Tgt Ion:105 Resp: 4279685

Ion Ratio Lower Upper

105 100

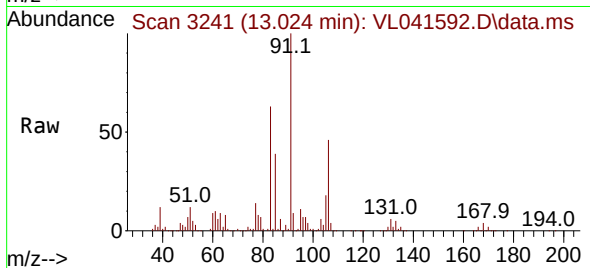
120 26.1 20.9 31.3





#63
1,1,2,2-Tetrachloroethane
Concen: 7.881 ppbv
RT: 13.024 min Scan# 3241
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

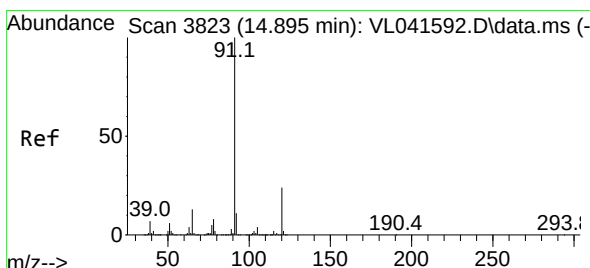
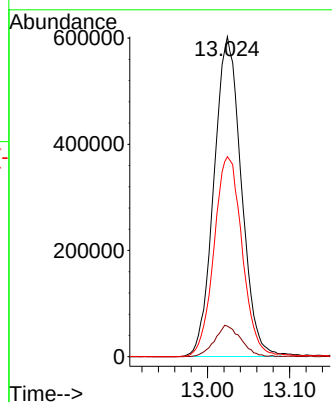
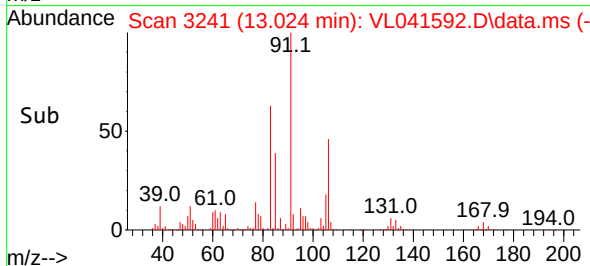
Instrument : MSVOA_L
ClientSampleId : VSTDICCC010



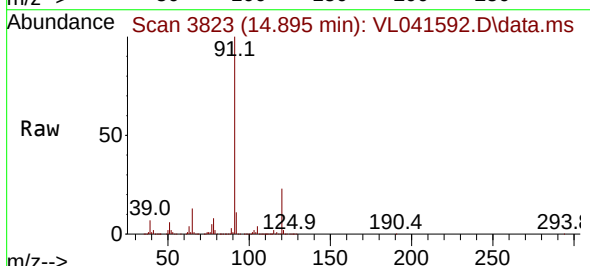
Tgt Ion: 83 Resp: 139891
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 64.9 32.5 97.4

Manual Integrations
APPROVED

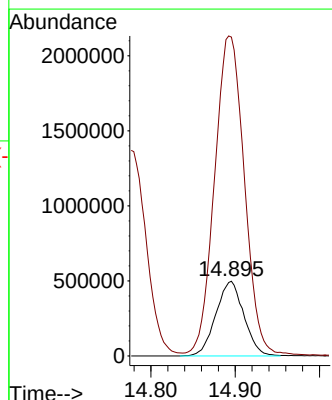
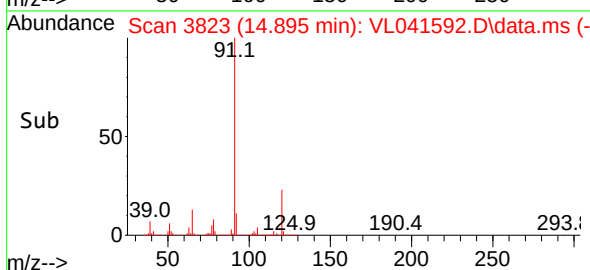
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

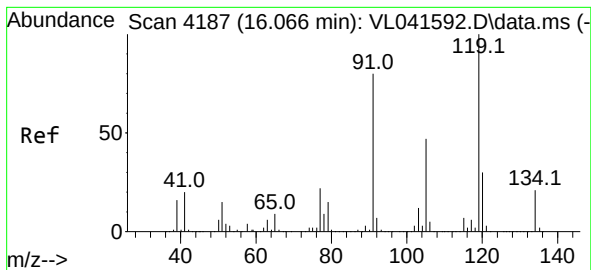


#64
n-propylbenzene
Concen: 9.986 ppbv
RT: 14.895 min Scan# 3823
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15



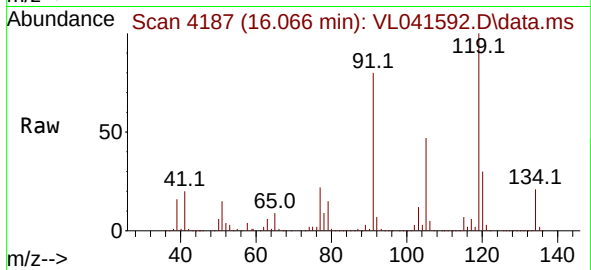
Tgt Ion:120 Resp: 1149808
Ion Ratio Lower Upper
120 100
91 458.0 366.4 549.6





#65
tert-Butylbenzene
Concen: 9.686 ppbv
RT: 16.066 min Scan# 4187
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

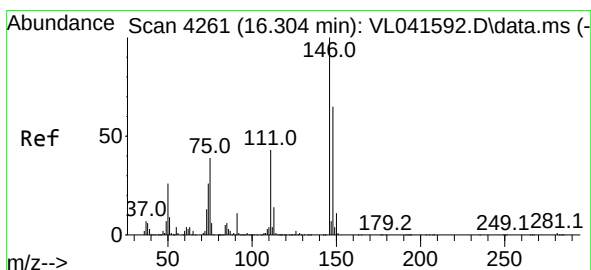
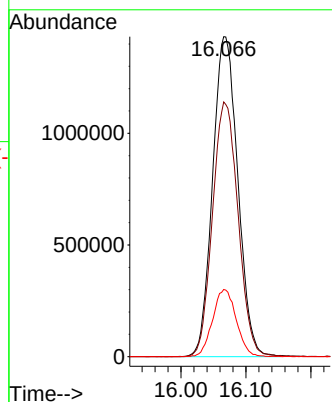
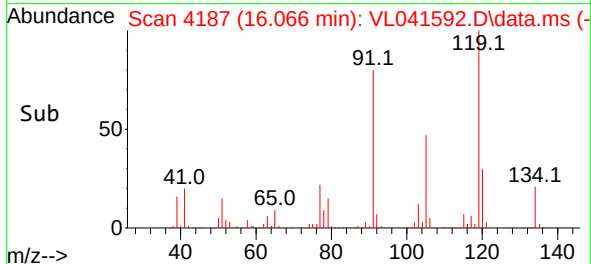
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



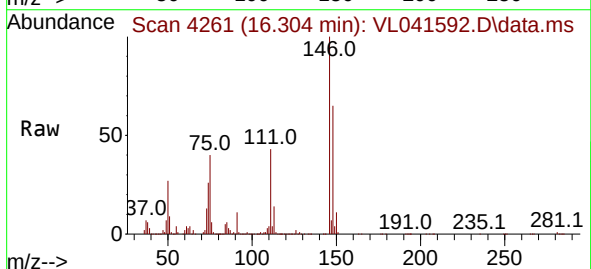
Tgt Ion:119 Resp: 3855478
Ion Ratio Lower Upper
119 100
91 80.7 64.6 96.8
134 19.8 15.8 23.8

Manual Integrations
APPROVED

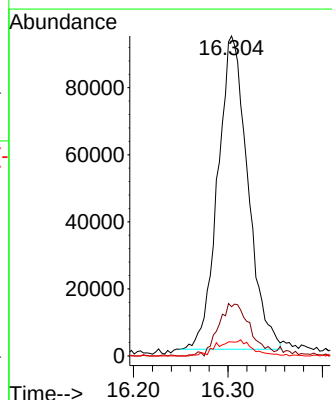
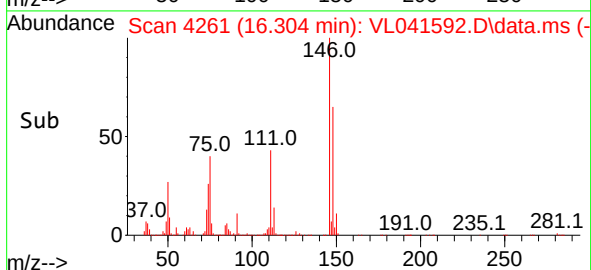
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

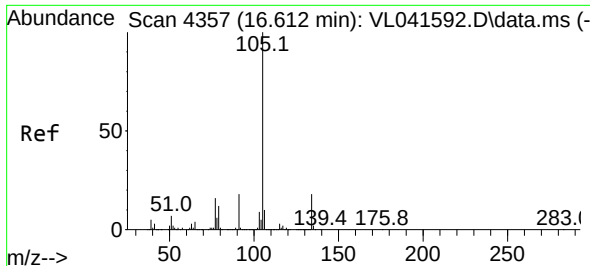


#66
Benzyl Chloride
Concen: 8.606 ppbv
RT: 16.304 min Scan# 4261
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15



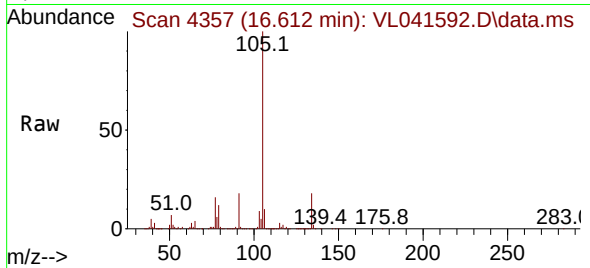
Tgt Ion: 91 Resp: 205903
Ion Ratio Lower Upper
91 100
126 19.3 15.4 23.2
128 6.0 4.8 7.2





#67
 sec-Butylbenzene
 Concen: 9.884 ppbv
 RT: 16.612 min Scan# 4357
 Delta R.T. 0.000 min
 Lab File: VL041592.D
 Acq: 16 Sep 2024 13:15

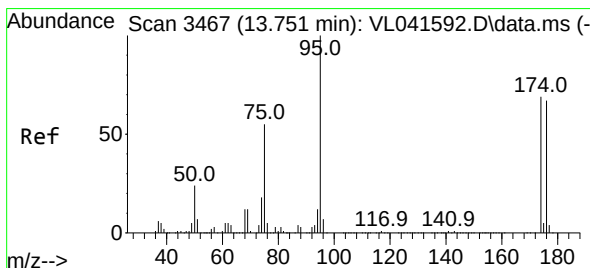
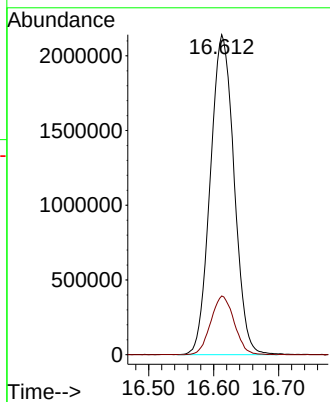
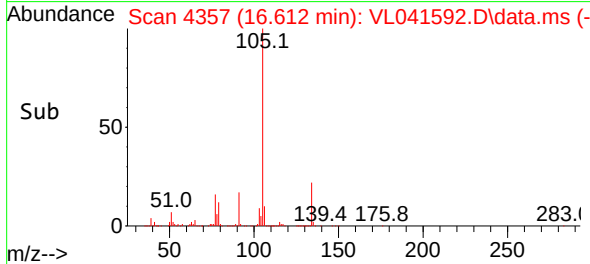
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 105 Resp: 543413
 Ion Ratio Lower Upper
 105 100
 134 18.2 14.6 21.8

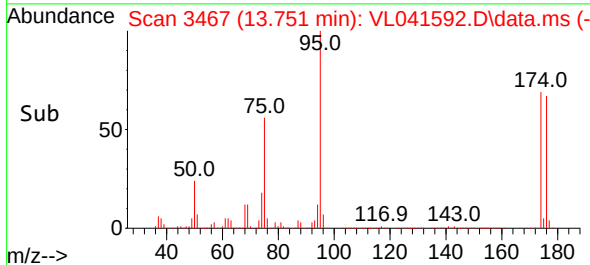
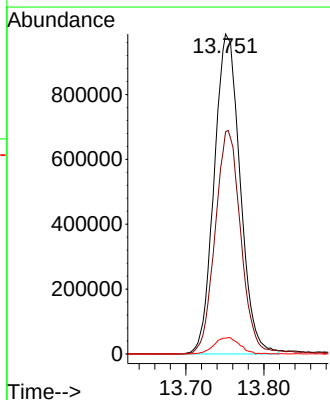
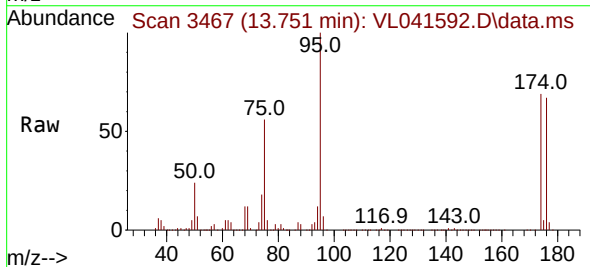
Manual Integrations
 APPROVED

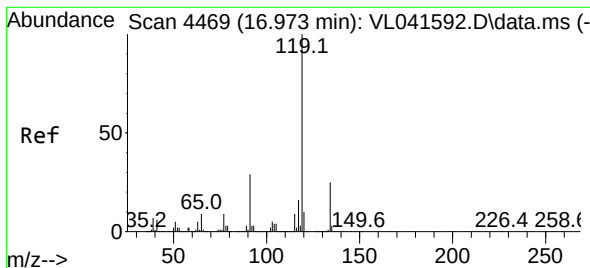
Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.739 ppbv
 RT: 13.751 min Scan# 3467
 Delta R.T. 0.000 min
 Lab File: VL041592.D
 Acq: 16 Sep 2024 13:15

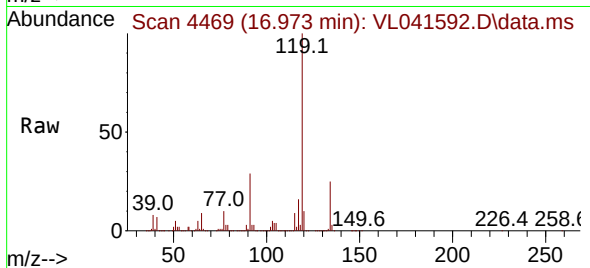
Tgt Ion: 95 Resp: 2284732
 Ion Ratio Lower Upper
 95 100
 174 69.8 55.8 83.8
 175 5.1 4.1 6.1





#69
p-Isopropyltoluene
Concen: 9.982 ppbv
RT: 16.973 min Scan# 4469
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

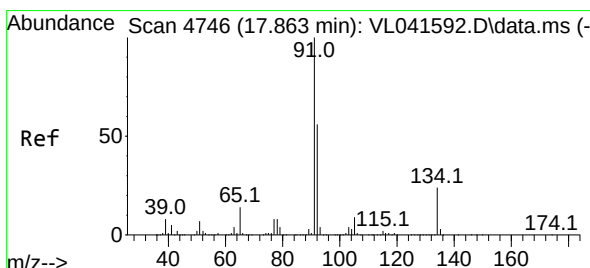
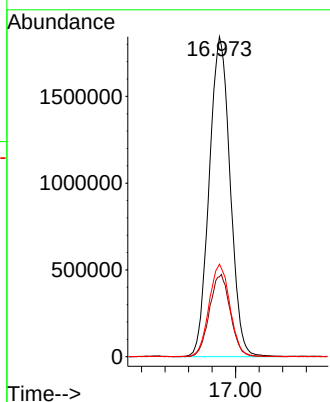
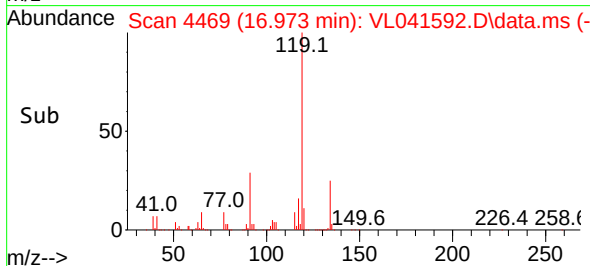
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010



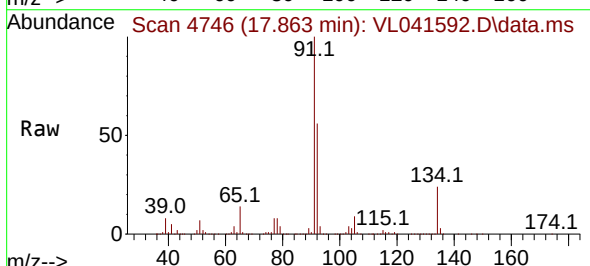
Tgt Ion: 119 Resp: 454489
Ion Ratio Lower Upper
119 100
134 25.6 20.5 30.7
91 28.9 23.1 34.7

Manual Integrations
APPROVED

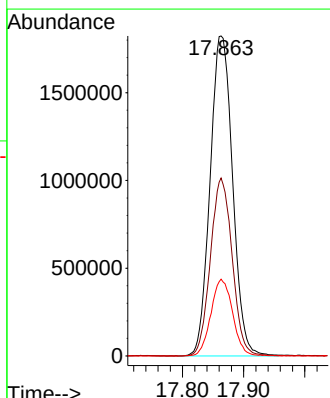
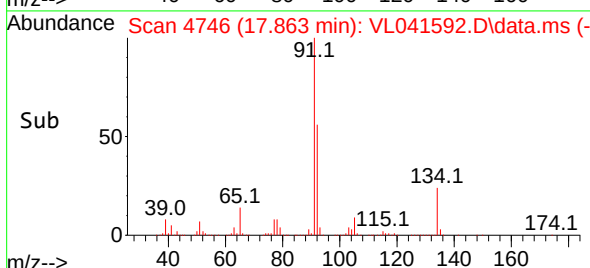
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

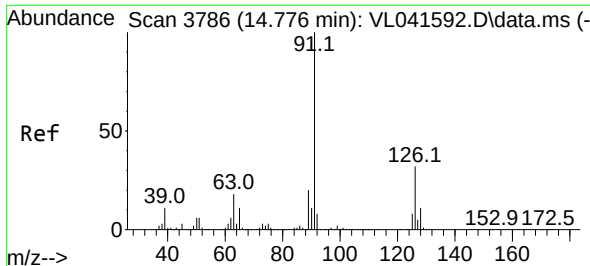


#70
n-Butylbenzene
Concen: 9.989 ppbv
RT: 17.863 min Scan# 4746
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15



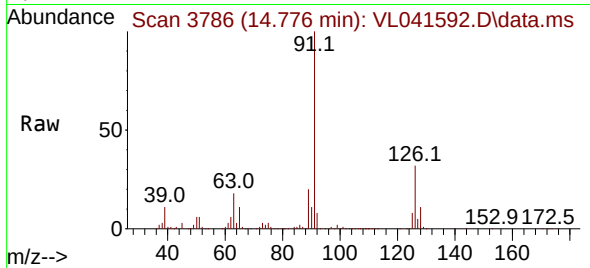
Tgt Ion: 91 Resp: 4664460
Ion Ratio Lower Upper
91 100
92 54.0 43.2 64.8
134 23.2 18.6 27.8





#71
2-Chlorotoluene
Concen: 9.915 ppbv
RT: 14.776 min Scan# 3786
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

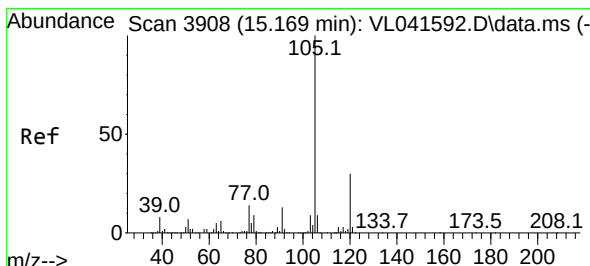
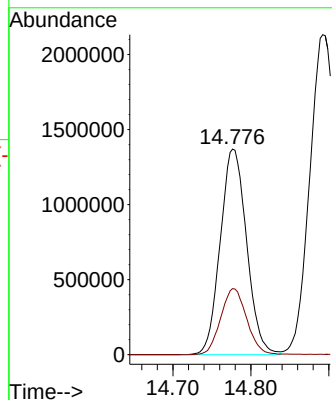
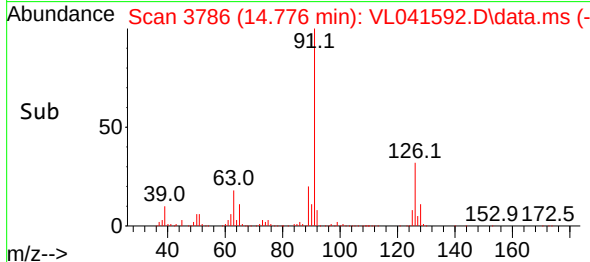
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



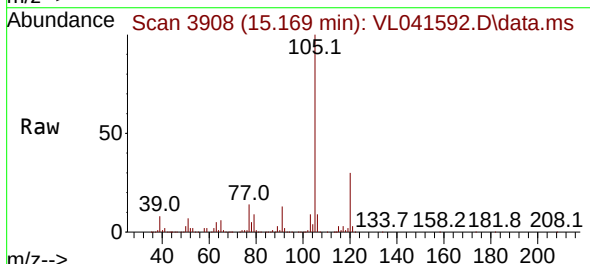
Tgt Ion: 91 Resp: 3221830
Ion Ratio Lower Upper
91 100
126 32.2 12.9 51.5

Manual Integrations
APPROVED

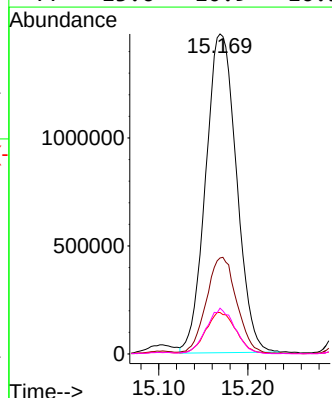
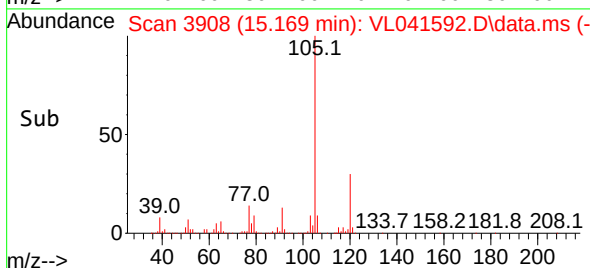
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

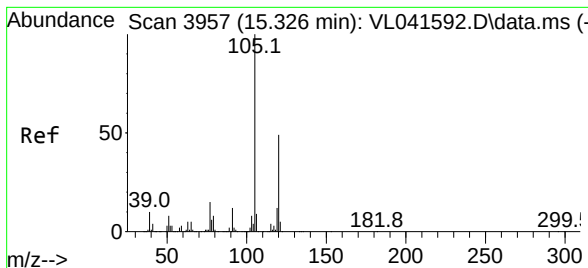


#72
4-Ethyltoluene
Concen: 10.382 ppbv
RT: 15.169 min Scan# 3908
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15



Tgt Ion:105 Resp: 3541706
Ion Ratio Lower Upper
105 100
120 30.1 24.1 36.1
91 12.7 10.2 15.2
77 13.6 10.9 16.3





#73

1,3,5-Trimethylbenzene

Concen: 10.316 ppbv

RT: 15.326 min Scan# 3957

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:105 Resp: 3032119

Ion Ratio Lower Upper

105 100

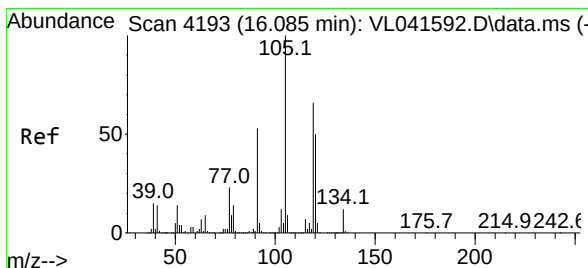
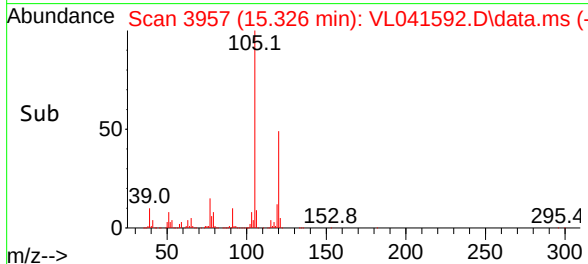
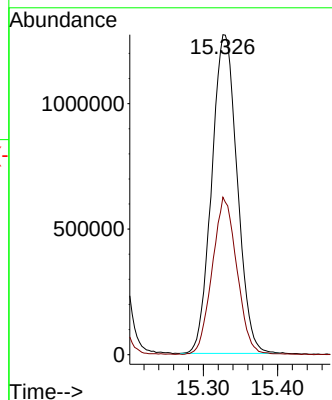
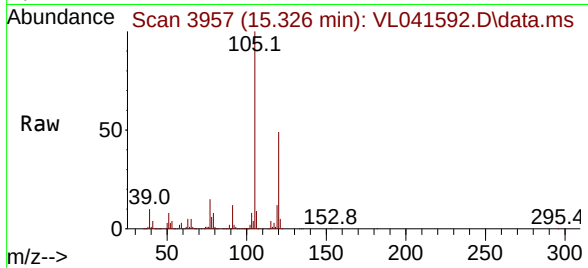
120 49.2 39.4 59.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#74

1,2,4-Trimethylbenzene

Concen: 9.827 ppbv

RT: 16.085 min Scan# 4193

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

Tgt Ion:105 Resp: 3360833

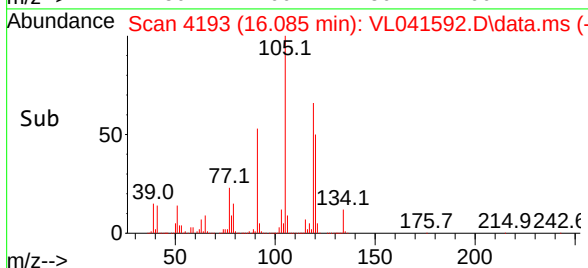
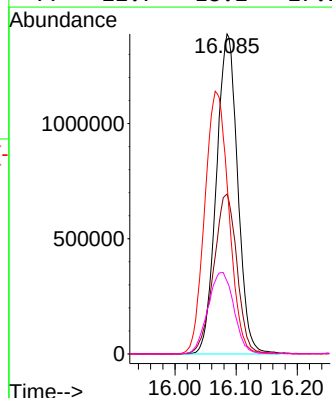
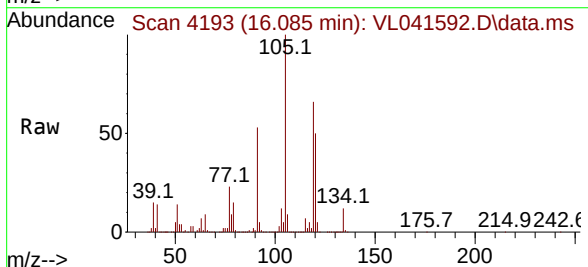
Ion Ratio Lower Upper

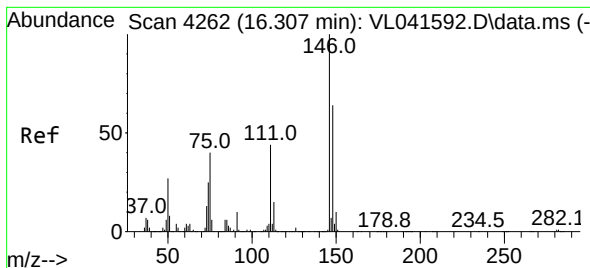
105 100

120 49.9 39.9 59.9

91 53.2 42.6 63.8

77 22.7 18.2 27.2





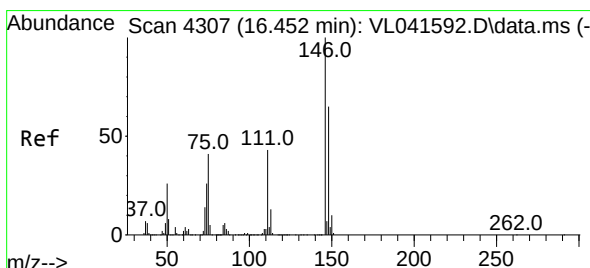
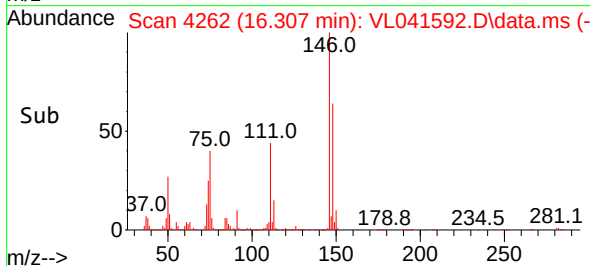
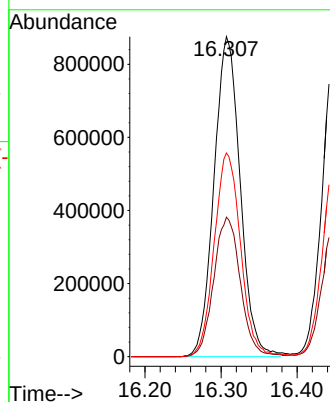
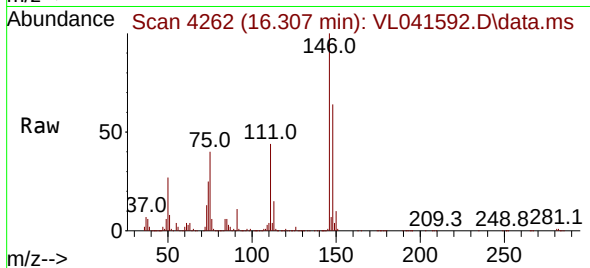
#75
1,3-Dichlorobenzene
Concen: 9.728 ppbv
RT: 16.307 min Scan# 4262
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:146 Resp: 208829
Ion Ratio Lower Upper
146 100
111 44.7 22.4 67.0
148 64.3 32.1 96.5

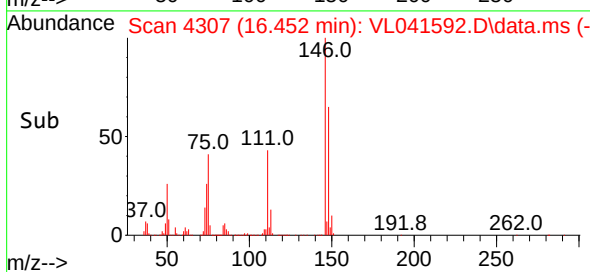
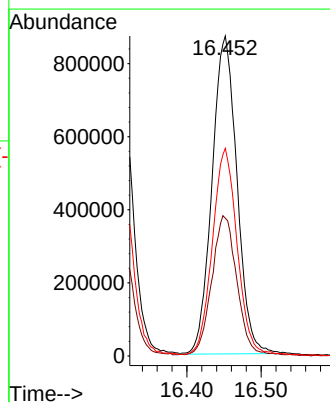
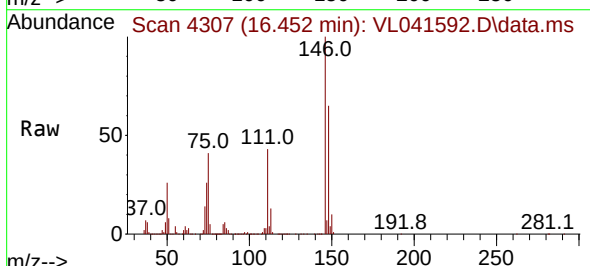
Manual Integrations
APPROVED

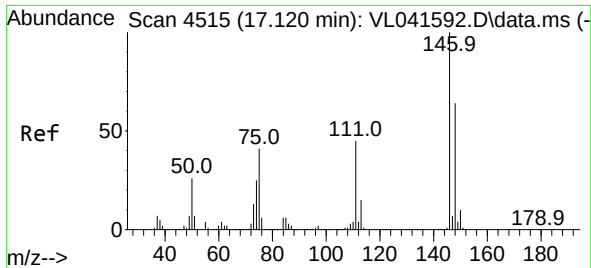
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#76
1,4-Dichlorobenzene
Concen: 9.776 ppbv
RT: 16.452 min Scan# 4307
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

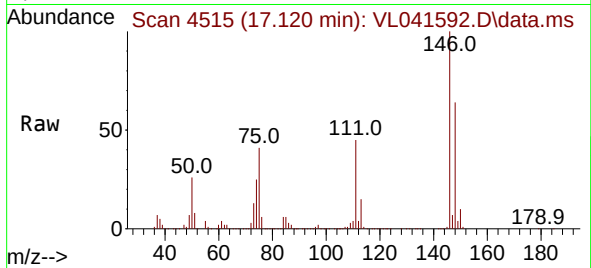
Tgt Ion:146 Resp: 2030349
Ion Ratio Lower Upper
146 100
111 44.9 22.4 67.3
148 65.6 32.8 98.4





#77
1,2-Dichlorobenzene
Concen: 9.498 ppbv
RT: 17.120 min Scan# 4515
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

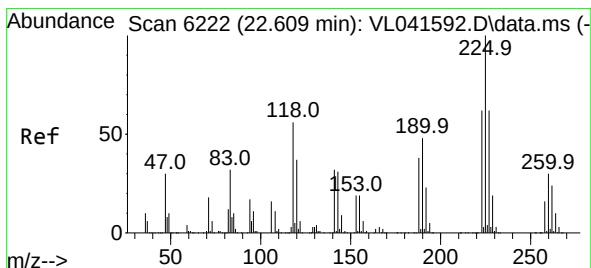
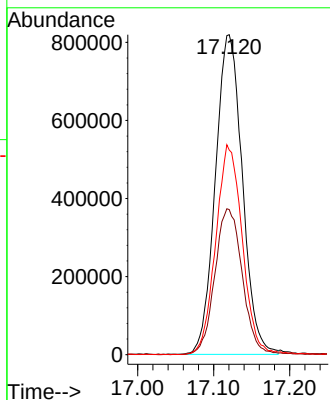
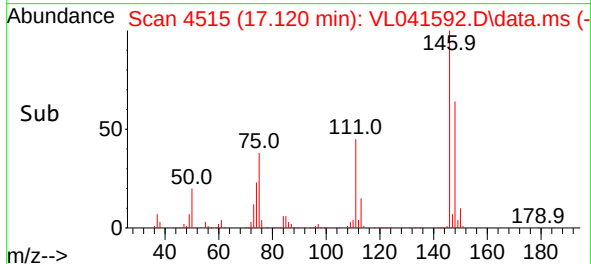
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



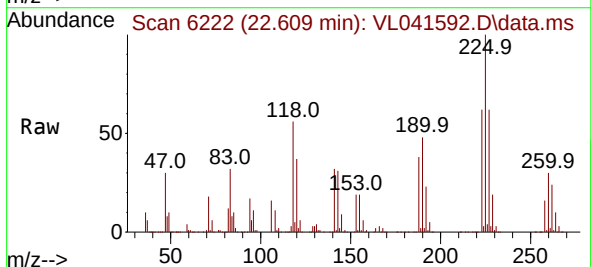
Tgt Ion:146 Resp: 201909
Ion Ratio Lower Upper
146 100
111 46.7 23.4 70.0
148 64.9 32.5 97.4

Manual Integrations
APPROVED

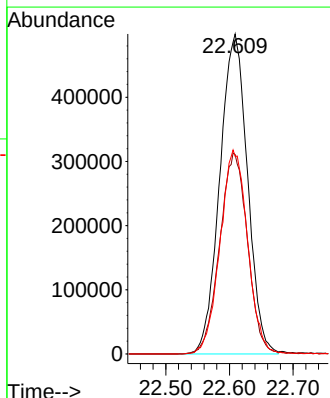
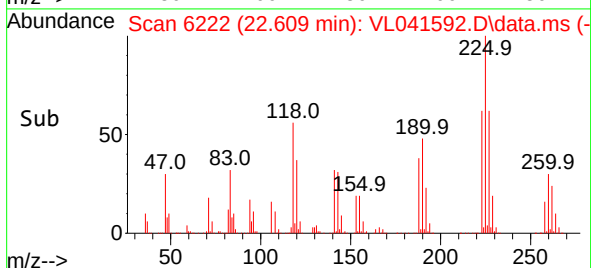
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

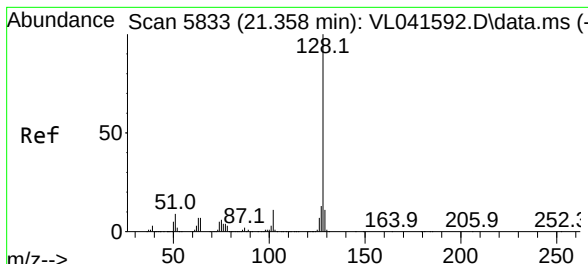


#78
Hexachloro-1,3-Butadiene
Concen: 8.351 ppbv
RT: 22.609 min Scan# 6222
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15



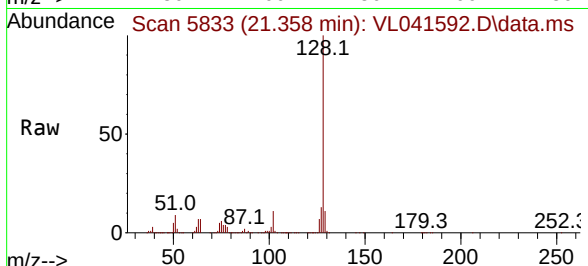
Tgt Ion:225 Resp: 1508307
Ion Ratio Lower Upper
225 100
223 63.2 50.6 75.8
227 63.6 50.9 76.3





#79
Naphthalene
Concen: 10.692 ppbv
RT: 21.358 min Scan# 5833
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

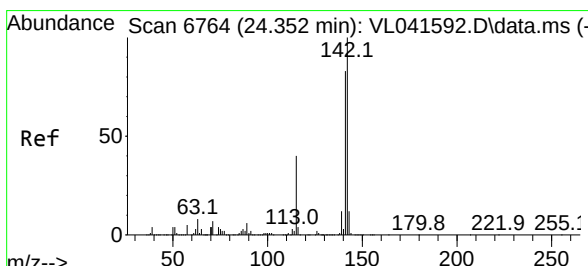
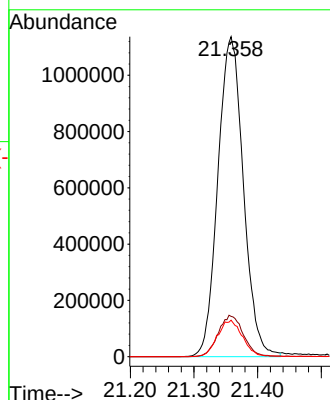
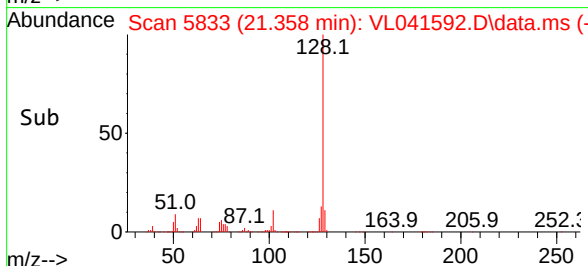
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



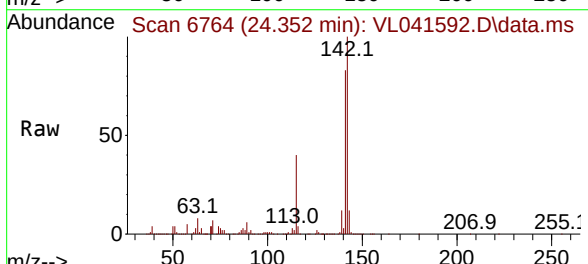
Tgt Ion:128 Resp: 3163690
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 11.4 9.1 13.7

Manual Integrations
APPROVED

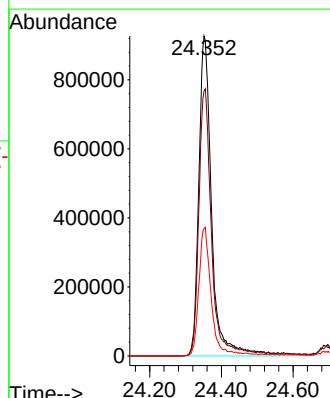
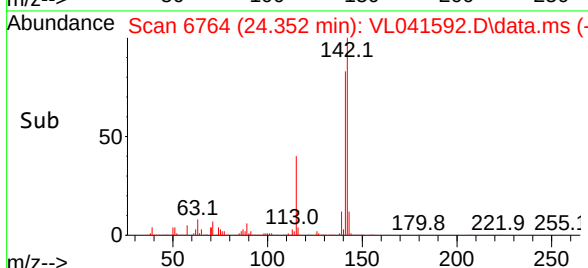
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

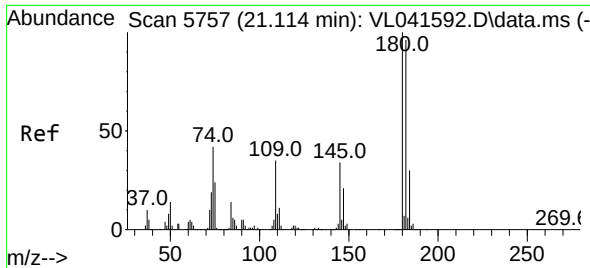


#80
Naphthalene,2-methyl-
Concen: 9.700 ppbv
RT: 24.352 min Scan# 6764
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15



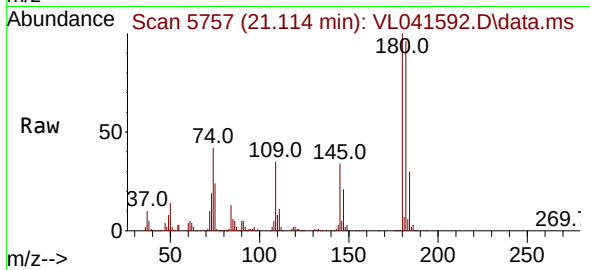
Tgt Ion:142 Resp: 2300402
Ion Ratio Lower Upper
142 100
141 82.9 66.3 99.5
115 39.3 31.4 47.2





#81
1,2,4-Trichlorobenzene
Concen: 9.460 ppbv
RT: 21.114 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:180 Resp: 1667878
Ion Ratio Lower Upper
180 100
182 95.6 76.5 114.7
184 30.9 24.7 37.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

