

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111323\
 Data File : VL040842.D
 Acq On : 13 Nov 2023 16:01
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL111323

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023

Quant Time: Nov 13 16:44:11 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M

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

QLast Update : Mon Nov 13 15:42:46 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1188652	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	6.651	114	3060801	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.452	117	3037062m	10.000	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.764 95 2304142 9.690 ppbv 0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.758	85	2101680	8.722	ppbv	100
3) Chlorodifluoromethane	2.703	51	1691479	8.913	ppbv	99
4) Chloromethane	2.841	50	614786	9.009	ppbv	100
5) Vinyl Chloride	2.944	62	643432	9.480	ppbv	100
6) Bromomethane	3.144	94	236353	9.123	ppbv	99
7) Chloroethane	3.221	64	212295	9.033	ppbv	96
8) Dichlorotetrafluoroethane	2.883	85	1560562	8.969	ppbv	99
9) Propene	2.722	41	584981	9.146	ppbv	99
10) Heptane	7.574	43	1464250	9.306	ppbv	99
11) Trichlorofluoromethane	3.581	101	1680943	9.079	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.082	101	1195987	9.093	ppbv	99
13) Ethanol	3.259	45	98454	7.928	ppbv #	100
14) Bromoethene	3.385	108	513562	9.707	ppbv	99
15) Acetone	3.488	43	1137807	8.988	ppbv	99
16) 1,3-Butadiene	3.008	39	621599	9.705	ppbv	99
17) tert-Butyl alcohol	3.896	59	1013933	9.366	ppbv	100
18) 1,1-Dichloroethene	3.896	96	525126	8.957	ppbv	94
19) Isopropyl Alcohol	3.594	45	741496	9.733	ppbv	99
20) Methylene Chloride	3.947	84	429284	8.217	ppbv	97
21) Allyl Chloride	4.012	41	768786	9.489	ppbv	99
22) trans-1,2-Dichloroethene	4.455	96	569825	8.564	ppbv	96
23) Vinyl Acetate	4.635	43	1603288	9.808	ppbv	100
24) 1,1-Dichloroethane	4.571	63	1145256	7.860	ppbv	99
25) Ethyl Acetate	5.208	43	2480499	9.463	ppbv	99
26) Hexane	5.217	57	1074548	9.262	ppbv	99
27) Carbon Disulfide	4.137	76	1382530	9.398	ppbv	100
28) Methyl tert-Butyl Ether	4.597	73	891686	8.499	ppbv	98
29) Chloroform	5.282	83	1779044	9.048	ppbv	96
30) Cyclohexane	6.600	84	936472	9.383	ppbv	99
31) cis-1,2-Dichloroethene	5.086	61	1125466	9.804	ppbv	98
32) 1,1,1-Trichloroethane	6.005	97	1793724	9.778	ppbv	99
34) 2-Butanone	4.793	43	1521674	9.759	ppbv	99
35) Carbon Tetrachloride	6.491	117	1886320	10.045	ppbv	99
36) Benzene	6.372	78	2310381	9.300	ppbv	98
37) 1,2-Dichloroethane	5.809	62	1383005	9.440	ppbv	99
38) Trichloroethene	7.291	130	853726	8.842	ppbv	97
39) 1,2-Dichloropropane	7.073	63	903522	9.173	ppbv	95
40) 1,4-Dioxane	7.282	88	338140	8.652	ppbv #	97
41) Tetrahydrofuran	5.558	42	962225	10.023	ppbv	99
42) Bromodichloromethane	7.246	83	1990673	9.494	ppbv	99
43) Methyl Methacrylate	7.468	69	969064	10.237	ppbv	99
44) 2,2,4-Trimethylpentane	7.323	57	3770963	9.139	ppbv	100
45) t-1,3-Dichloropropene	8.703	75	620480	11.154	ppbv	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111323\
 Data File : VL040842.D
 Acq On : 13 Nov 2023 16:01
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL111323

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023

Quant Time: Nov 13 16:44:11 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M

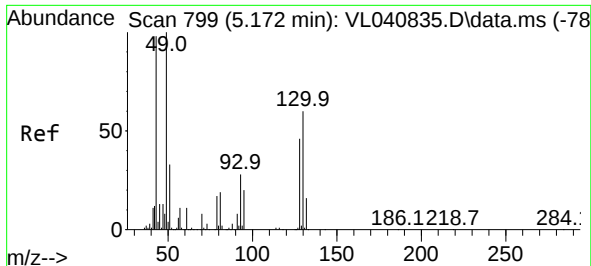
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2023

QLast Update : Mon Nov 13 15:42:46 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	758840	10.521	ppbv	97
47) 1,1,2-Trichloroethane	8.889	97	949609	9.201	ppbv	97
48) Dibromochloromethane	9.700	129	1699272	9.923	ppbv	100
49) Bromoform	12.394	173	1345003	10.442	ppbv	99
50) 4-Methyl-2-Pentanone	8.172	43	2384967	9.883	ppbv	100
51) 2-Hexanone	9.542	43	1727898	10.158	ppbv #	98
52) Tetrachloroethene	10.603	164	789068	9.433	ppbv	98
53) Toluene	9.214	91	2606324	9.534	ppbv	100
54) 1,2-Dibromoethane	9.999	107	1325859	9.982	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.497	131	1191982	9.170	ppbv	98
57) Chlorobenzene	11.513	112	1999278	8.881	ppbv	98
58) Ethyl Benzene	12.076	91	3525229	8.896	ppbv	98
59) m/p-Xylene	12.359	91	5915189m	17.529	ppbv	
60) o-Xylene	13.043	91	2792834	8.694	ppbv	99
61) Styrene	12.883	104	1488888	9.611	ppbv	99
62) Isopropylbenzene	14.014	105	4101396	8.642	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.034	83	2015425	8.852	ppbv	100
64) n-propylbenzene	14.902	120	1064028	8.945	ppbv	100
65) tert-Butylbenzene	16.079	119	3541850	8.851	ppbv	100
66) Benzyl Chloride	16.310	91	146125m	9.910	ppbv	
67) sec-Butylbenzene	16.619	105	4976252	8.705	ppbv	100
69) p-Isopropyltoluene	16.982	119	4042810	8.869	ppbv	99
70) n-Butylbenzene	17.873	91	4255355	8.841	ppbv	100
71) 2-Chlorotoluene	14.786	91	3173568	8.772	ppbv	98
72) 4-Ethyltoluene	15.178	105	3202689	9.069	ppbv	100
73) 1,3,5-Trimethylbenzene	15.333	105	2778206	8.896	ppbv	100
74) 1,2,4-Trimethylbenzene	16.092	105	3007923	8.630	ppbv	97
75) 1,3-Dichlorobenzene	16.317	146	1709242	8.882	ppbv	99
76) 1,4-Dichlorobenzene	16.458	146	1673996	9.086	ppbv	99
77) 1,2-Dichlorobenzene	17.127	146	1660372	8.873	ppbv	99
78) Hexachloro-1,3-Butadiene	22.615	225	945952	8.074	ppbv	99
79) Naphthalene	21.371	128	2116125	11.813	ppbv	98
80) Naphthalene,2-methyl-	24.365	142	456712	14.443	ppbv	98
81) 1,2,4-Trichlorobenzene	21.127	180	1078580	9.904	ppbv	100

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



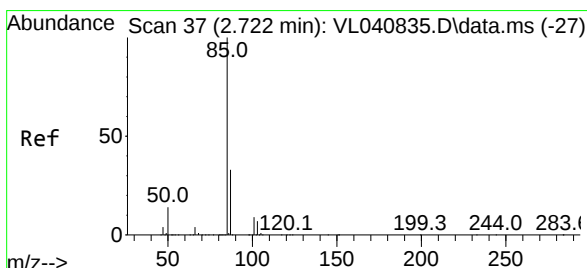
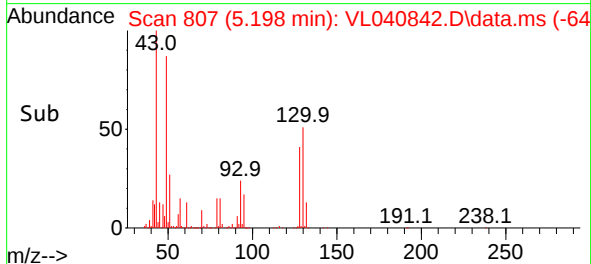
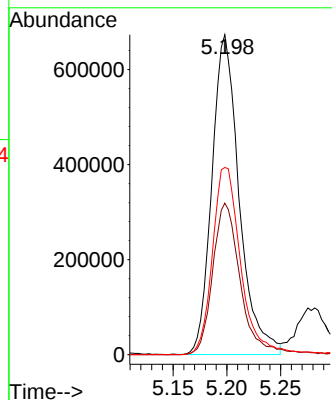
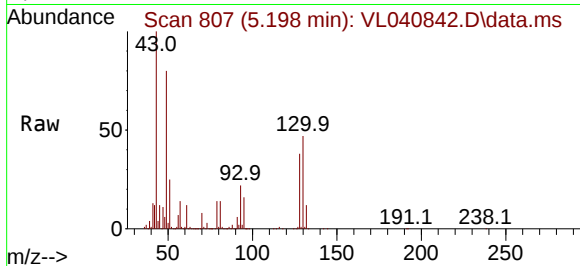
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.026 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

Instrument :
MSVOA_L
ClientSampleId :
ICVVL111323

Tgt Ion: 49 Resp: 118865
Ion Ratio Lower Upper
49 100
128 48.8 23.8 71.2
130 61.4 30.9 92.8

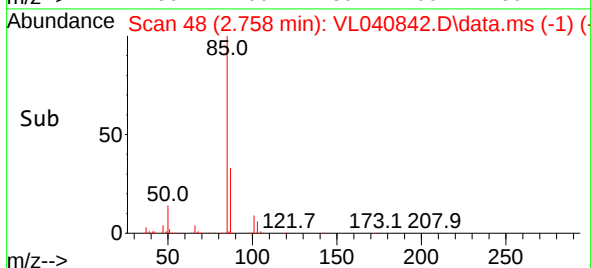
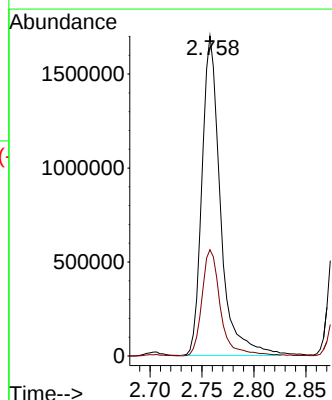
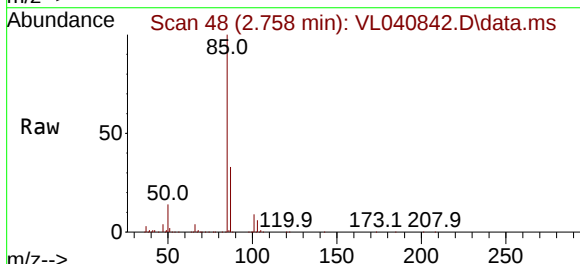
Manual Integrations
APPROVED

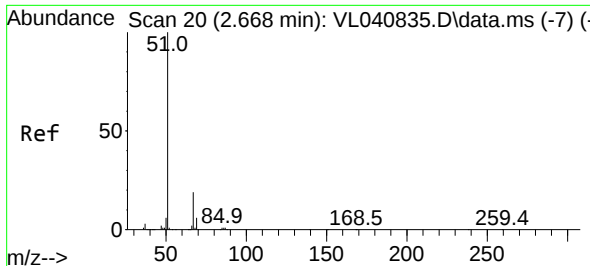
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#2
Dichlorodifluoromethane
Concen: 8.722 ppbv
RT: 2.758 min Scan# 48
Delta R.T. 0.035 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

Tgt Ion: 85 Resp: 2101680
Ion Ratio Lower Upper
85 100
87 33.2 26.7 40.1





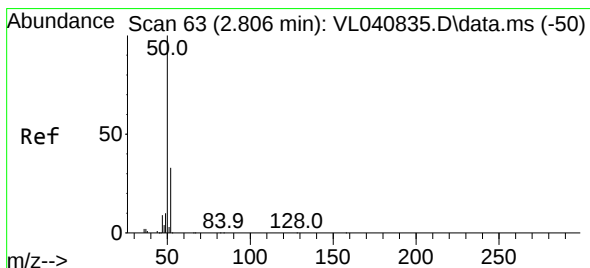
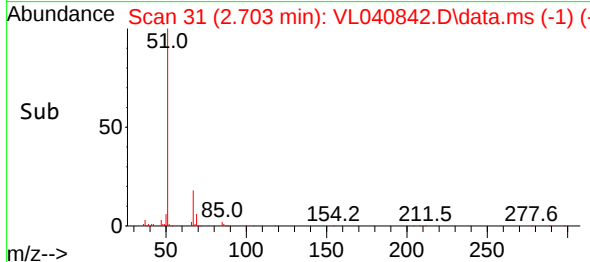
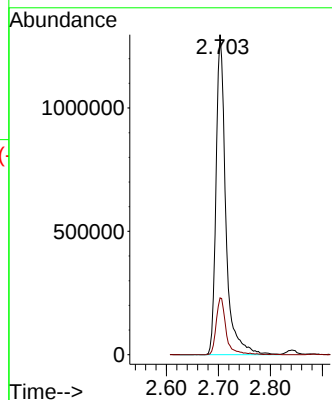
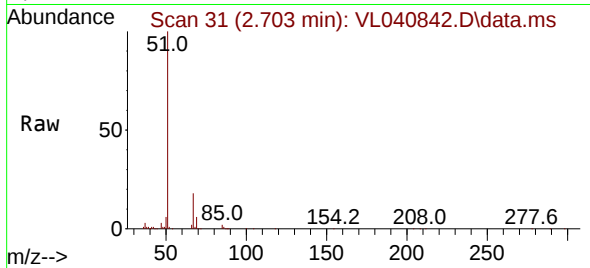
#3
Chlorodifluoromethane
Concen: 8.913 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.035 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

Instrument :
MSVOA_L
ClientSampleId :
ICVVL111323

Tgt Ion: 51 Resp: 1691479
Ion Ratio Lower Upper
51 100
67 18.1 15.0 22.4

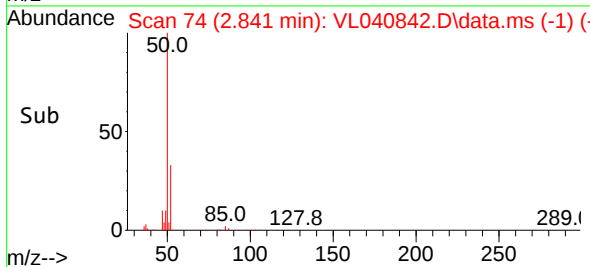
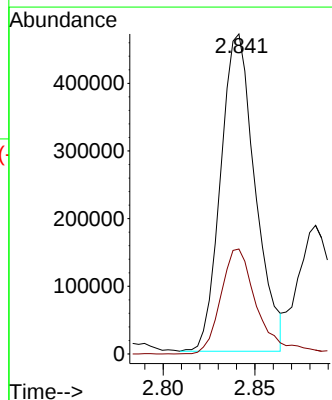
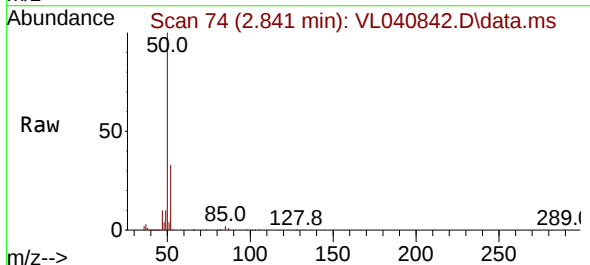
Manual Integrations
APPROVED

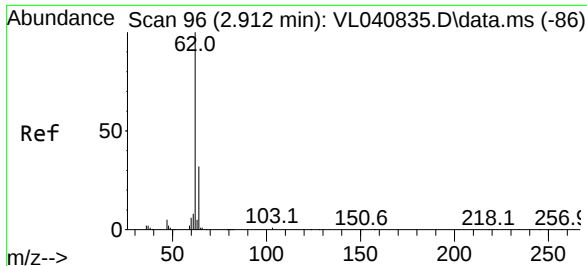
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#4
Chloromethane
Concen: 9.009 ppbv
RT: 2.841 min Scan# 74
Delta R.T. 0.035 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

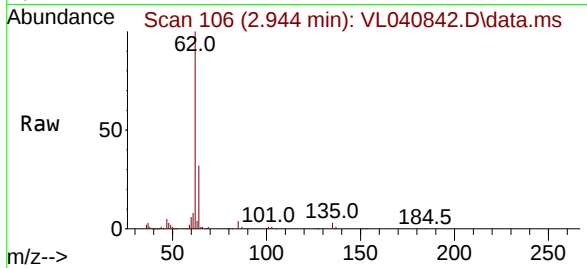
Tgt Ion: 50 Resp: 614786
Ion Ratio Lower Upper
50 100
52 33.0 26.5 39.7





#5
 Vinyl Chloride
 Concen: 9.480 ppbv
 RT: 2.944 min Scan# 106
 Delta R.T. 0.032 min
 Lab File: VL040842.D
 Acq: 13 Nov 2023 16:01

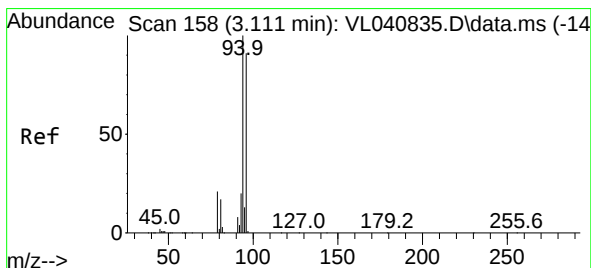
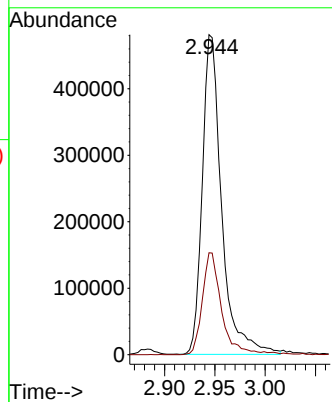
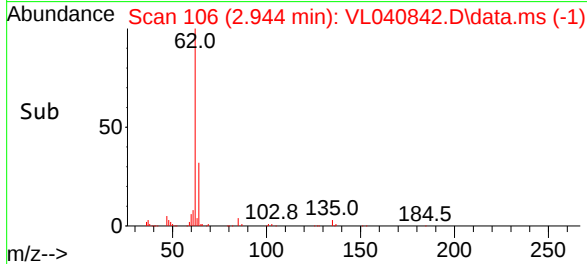
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL111323



Tgt Ion: 62 Resp: 64343
 Ion Ratio Lower Upper
 62 100
 64 31.9 25.4 38.2

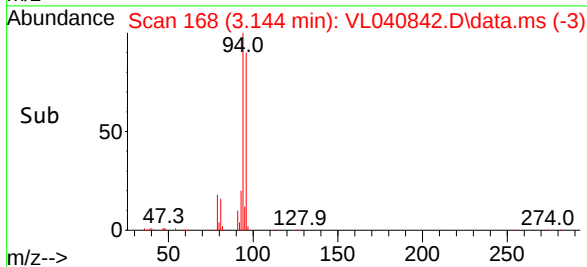
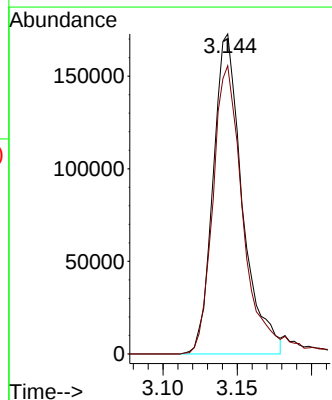
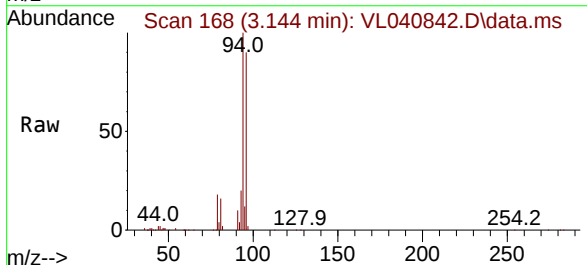
Manual Integrations
 APPROVED

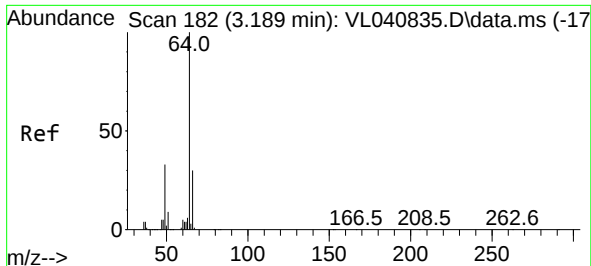
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023



#6
 Bromomethane
 Concen: 9.123 ppbv
 RT: 3.144 min Scan# 168
 Delta R.T. 0.032 min
 Lab File: VL040842.D
 Acq: 13 Nov 2023 16:01

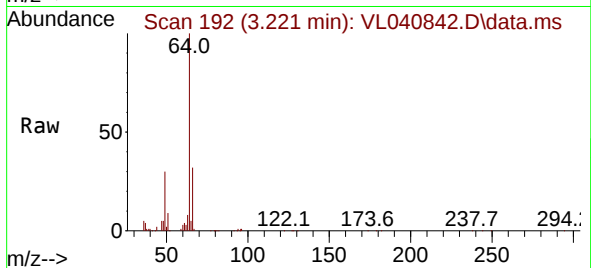
Tgt Ion: 94 Resp: 236353
 Ion Ratio Lower Upper
 94 100
 96 90.1 73.0 109.4





#7
Chloroethane
Concen: 9.033 ppbv
RT: 3.221 min Scan# 192
Delta R.T. 0.032 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

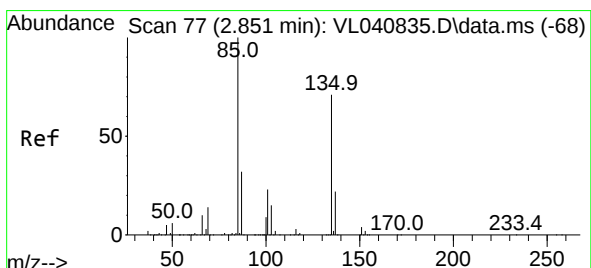
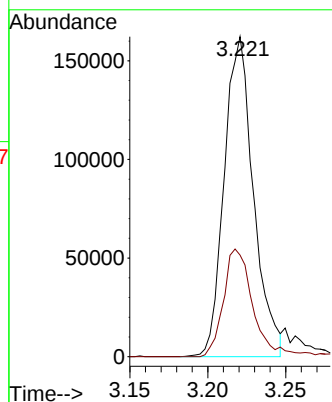
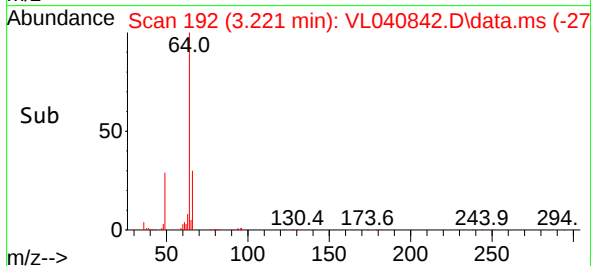
Instrument : MSVOA_L
Client Sample Id : ICVVL111323



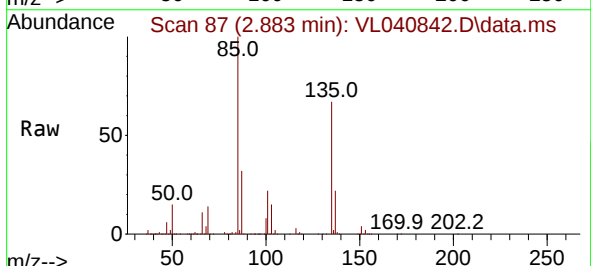
Tgt Ion: 64 Resp: 212295
Ion Ratio Lower Upper
64 100
66 31.7 23.8 35.6

Manual Integrations
APPROVED

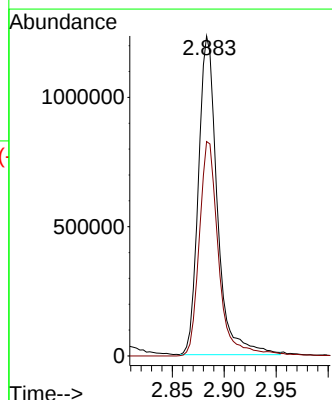
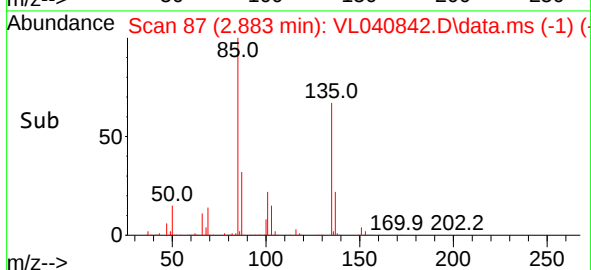
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

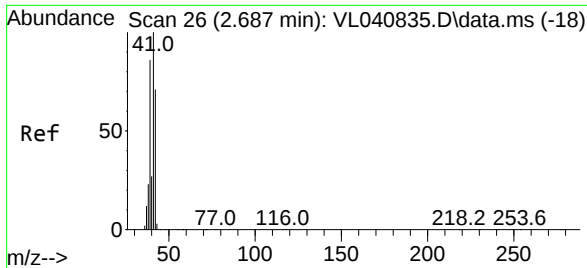


#8
Dichlorotetrafluoroethane
Concen: 8.969 ppbv
RT: 2.883 min Scan# 87
Delta R.T. 0.032 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01



Tgt Ion: 85 Resp: 1560562
Ion Ratio Lower Upper
85 100
135 69.7 55.3 82.9





#9
 Propene
 Concen: 9.146 ppbv
 RT: 2.722 min Scan# 31
 Delta R.T. 0.035 min
 Lab File: VL040842.D
 Acq: 13 Nov 2023 16:01

Instrument :

MSVOA_L

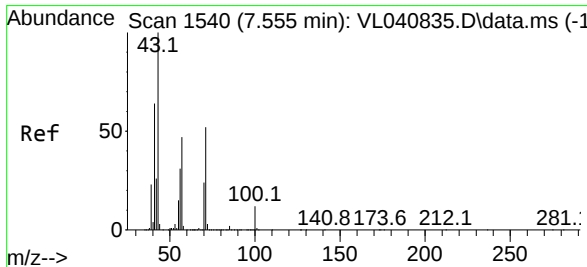
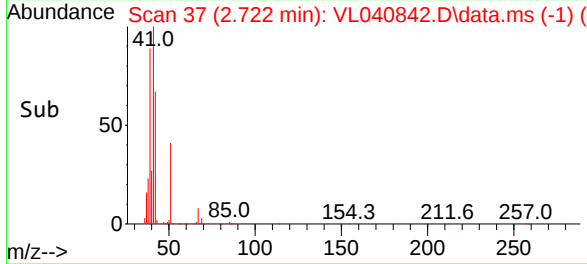
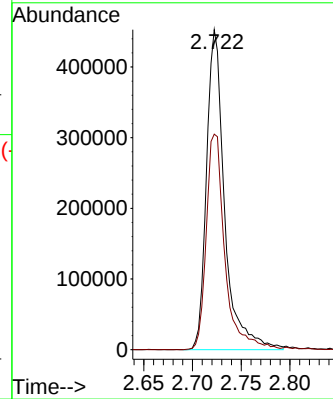
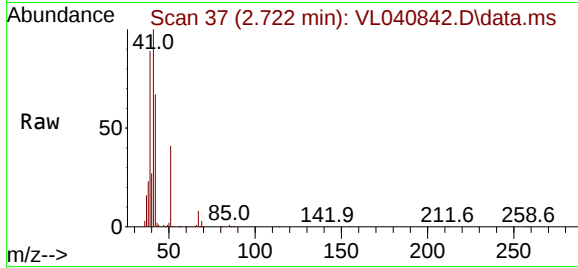
ClientSampleId :

ICVVL111323

Tgt Ion: 41 Resp: 58498
 Ion Ratio Lower Upper
 41 100
 42 70.1 56.5 84.7

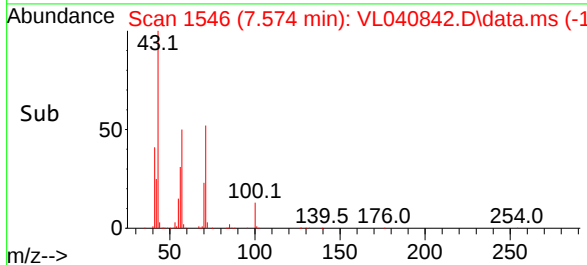
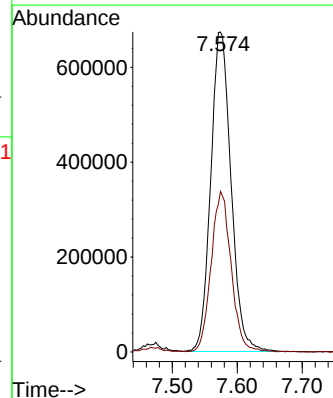
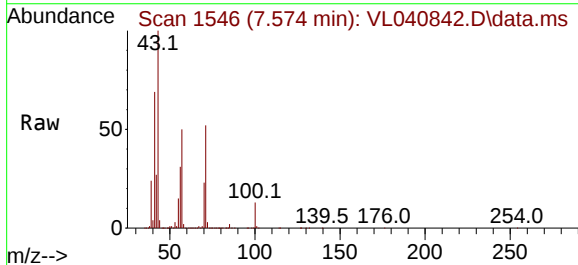
Manual Integrations
 APPROVED

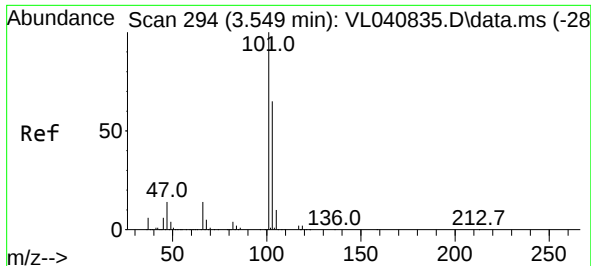
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023



#10
 Heptane
 Concen: 9.306 ppbv
 RT: 7.574 min Scan# 1546
 Delta R.T. 0.019 min
 Lab File: VL040842.D
 Acq: 13 Nov 2023 16:01

Tgt Ion: 43 Resp: 1464250
 Ion Ratio Lower Upper
 43 100
 57 49.7 39.4 59.0





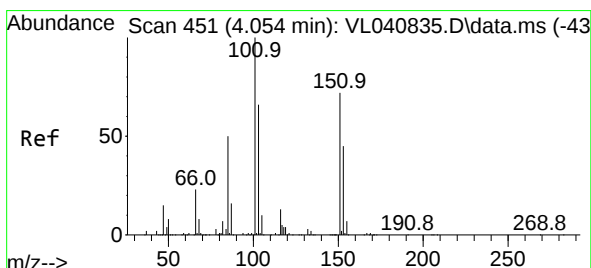
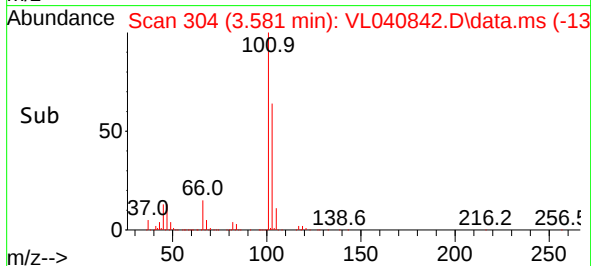
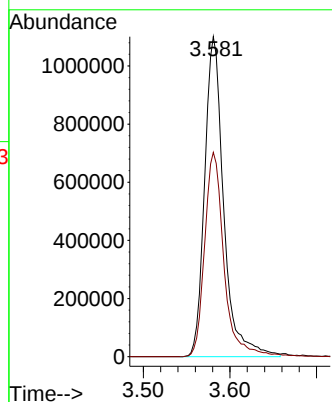
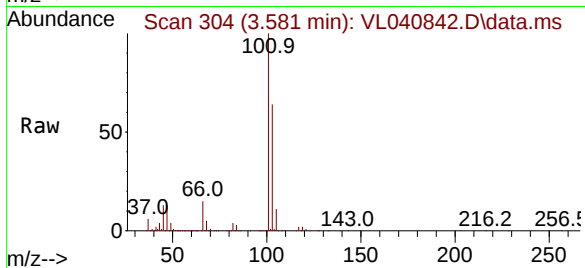
#11
 Trichlorofluoromethane
 Concen: 9.079 ppbv
 RT: 3.581 min Scan# 304
 Delta R.T. 0.032 min
 Lab File: VL040842.D
 Acq: 13 Nov 2023 16:01

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL111323

Tgt Ion:101 Resp: 168094
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.8 77.8

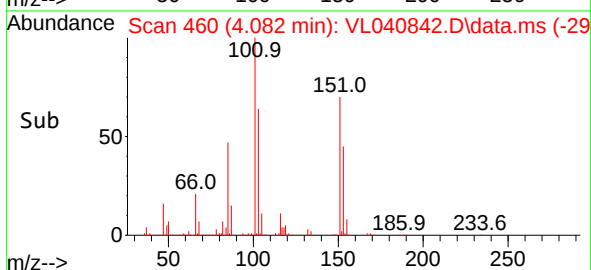
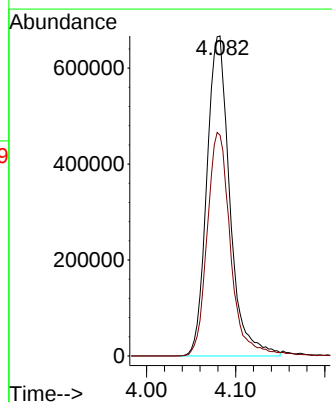
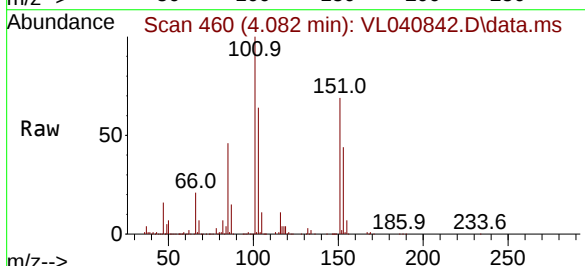
Manual Integrations
 APPROVED

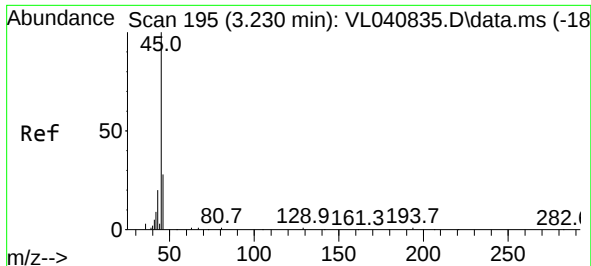
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.093 ppbv
 RT: 4.082 min Scan# 460
 Delta R.T. 0.029 min
 Lab File: VL040842.D
 Acq: 13 Nov 2023 16:01

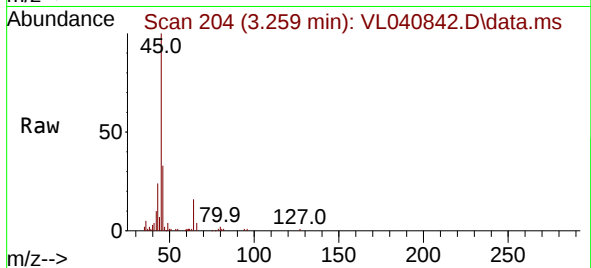
Tgt Ion:101 Resp: 1195987
 Ion Ratio Lower Upper
 101 100
 151 71.3 57.8 86.6





#13
Ethanol
Concen: 7.928 ppbv
RT: 3.259 min Scan# 204
Delta R.T. 0.029 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

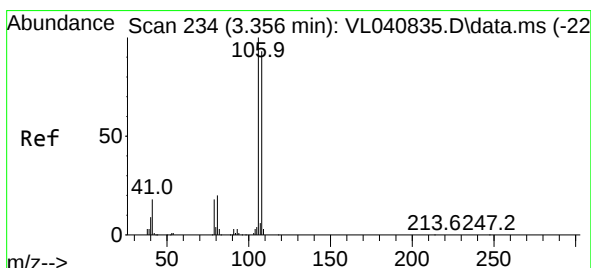
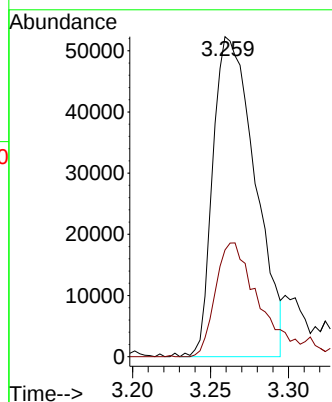
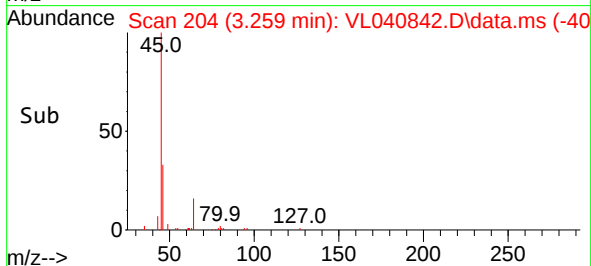
Instrument :
MSVOA_L
ClientSampleId :
ICVVL111323



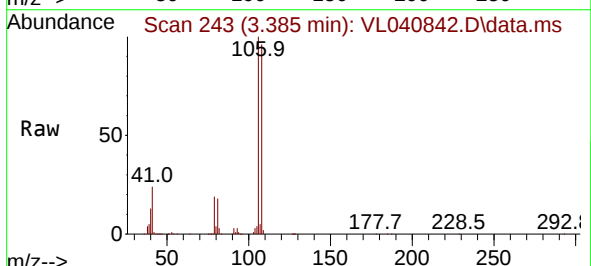
Tgt Ion: 45 Resp: 98454
Ion Ratio Lower Upper
45 100
46 40.8 0.0 0.0

Manual Integrations
APPROVED

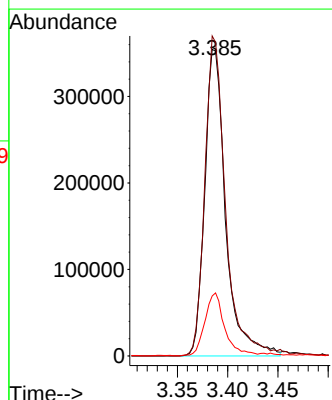
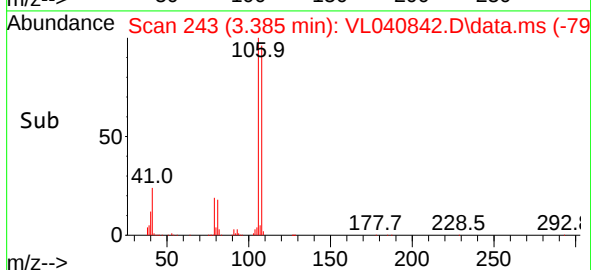
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

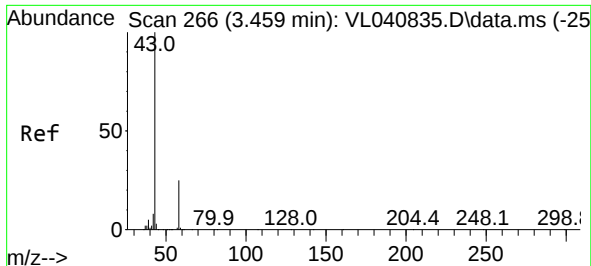


#14
Bromoethene
Concen: 9.707 ppbv
RT: 3.385 min Scan# 243
Delta R.T. 0.029 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01



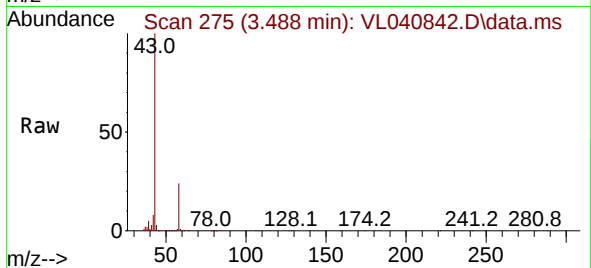
Tgt Ion:108 Resp: 513562
Ion Ratio Lower Upper
108 100
106 105.0 85.4 128.2
79 20.8 16.7 25.1





#15
Acetone
Concen: 8.988 ppbv
RT: 3.488 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

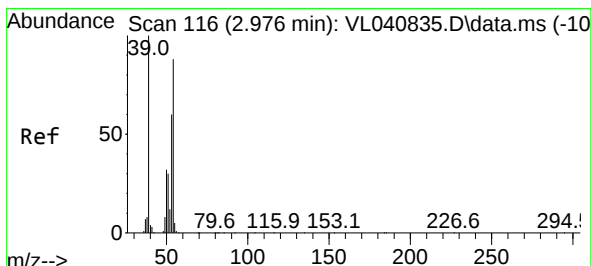
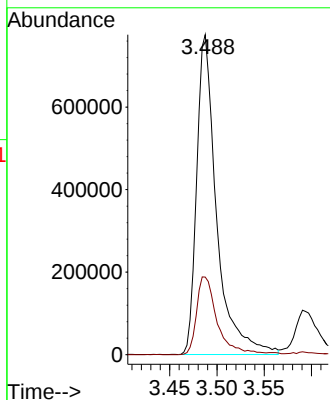
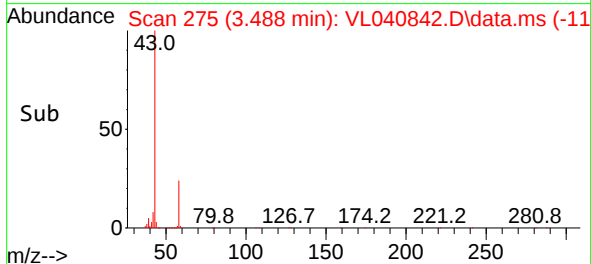
Instrument :
MSVOA_L
ClientSampleId :
ICVVL111323



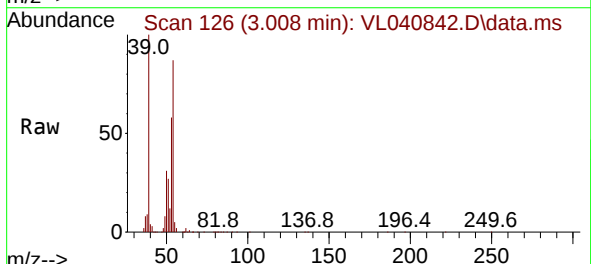
Tgt Ion: 43 Resp: 113780
Ion Ratio Lower Upper
43 100
58 25.5 20.9 31.3

Manual Integrations
APPROVED

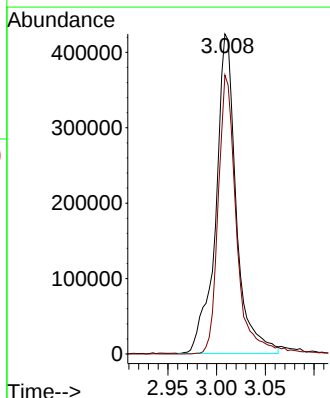
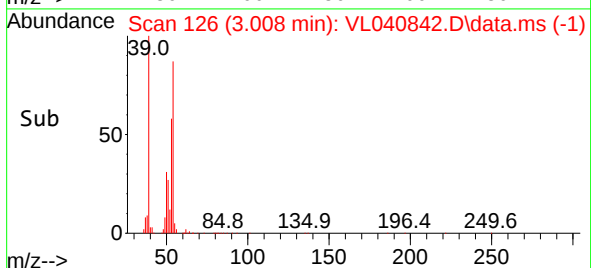
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

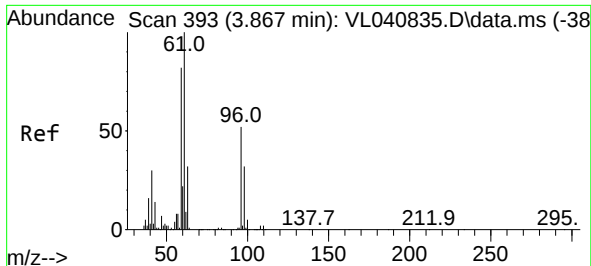


#16
1,3-Butadiene
Concen: 9.705 ppbv
RT: 3.008 min Scan# 126
Delta R.T. 0.032 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01



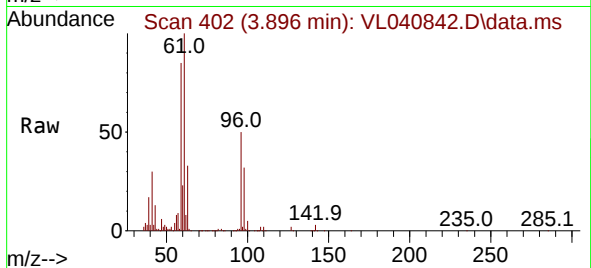
Tgt Ion: 39 Resp: 621599
Ion Ratio Lower Upper
39 100
54 78.4 61.8 92.6





#17
tert-Butyl alcohol
Concen: 9.366 ppbv
RT: 3.896 min Scan# 402
Delta R.T. 0.029 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

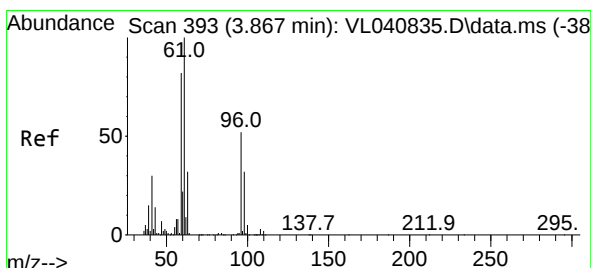
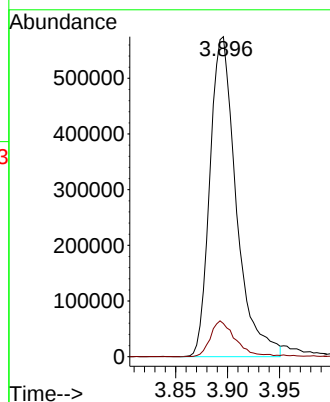
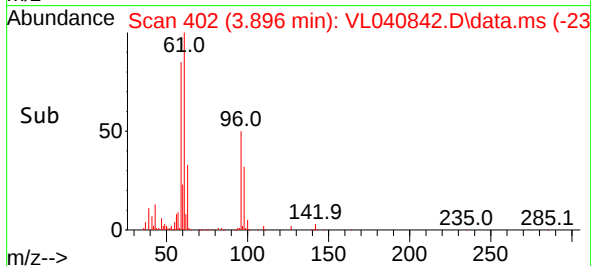
Instrument :
MSVOA_L
ClientSampleId :
ICVVL111323



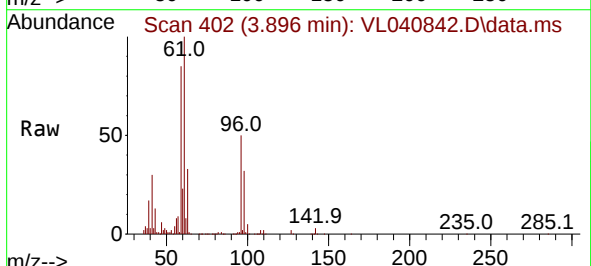
Tgt Ion: 59 Resp: 101393
Ion Ratio Lower Upper
59 100
57 11.3 9.0 13.4

Manual Integrations
APPROVED

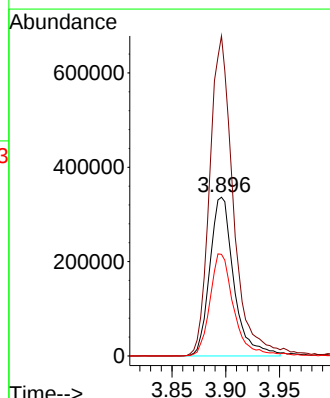
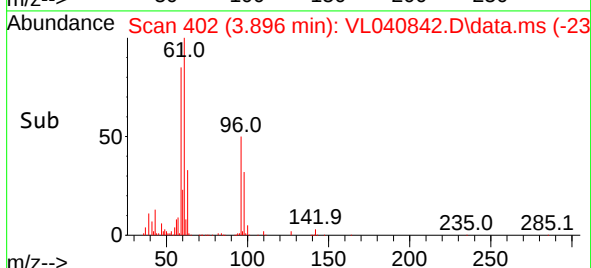
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

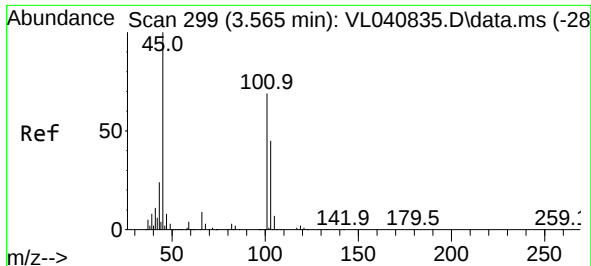


#18
1,1-Dichloroethene
Concen: 8.957 ppbv
RT: 3.896 min Scan# 402
Delta R.T. 0.029 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01



Tgt Ion: 96 Resp: 525126
Ion Ratio Lower Upper
96 100
61 201.6 152.6 228.8
98 64.0 49.2 73.8





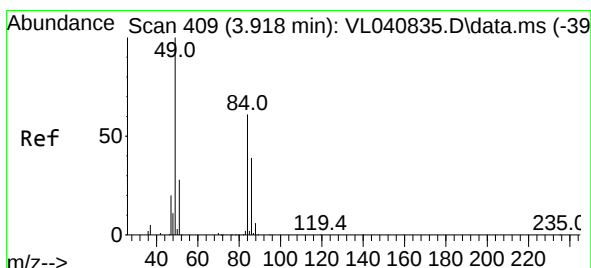
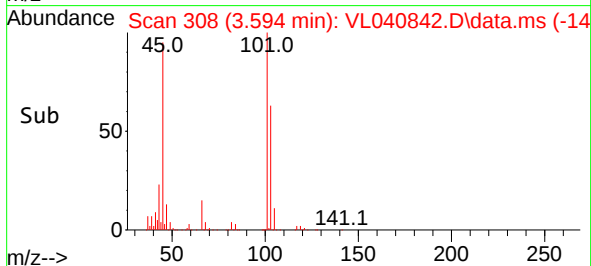
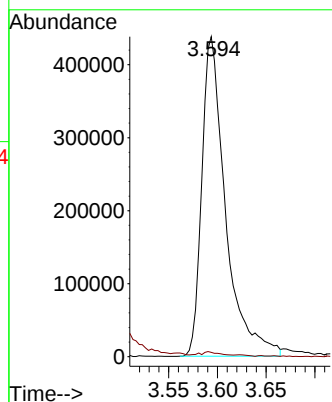
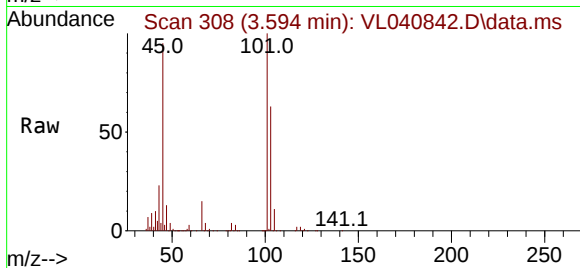
#19
Isopropyl Alcohol
Concen: 9.733 ppbv
RT: 3.594 min Scan# 308
Delta R.T. 0.029 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

Instrument : MSVOA_L
ClientSampleId : ICVVL111323

Tgt Ion: 45 Resp: 741490
Ion Ratio Lower Upper
45 100
58 1.6 1.6 2.4

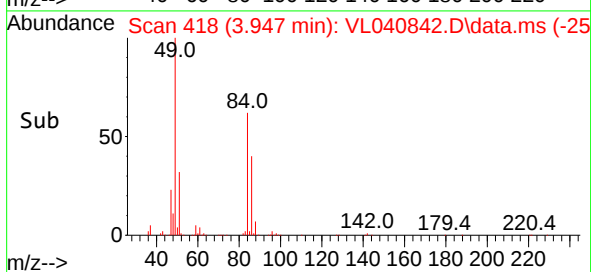
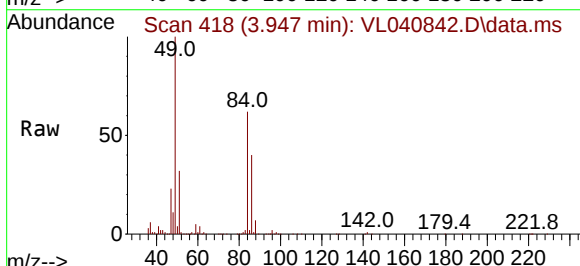
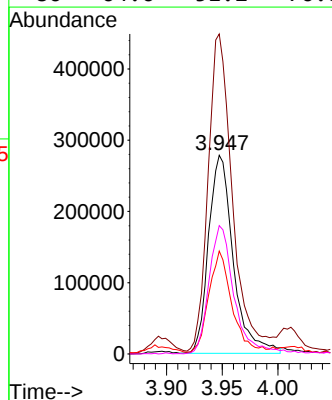
Manual Integrations
APPROVED

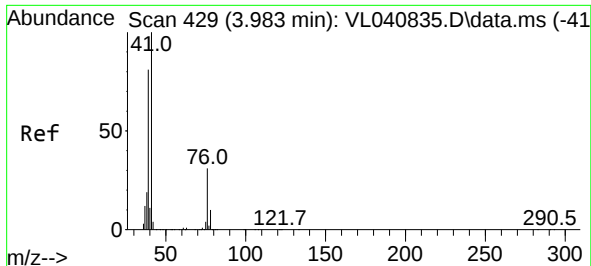
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#20
Methylene Chloride
Concen: 8.217 ppbv
RT: 3.947 min Scan# 418
Delta R.T. 0.029 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

Tgt Ion: 84 Resp: 429284
Ion Ratio Lower Upper
84 100
49 159.0 131.0 196.4
51 50.2 36.9 55.3
86 64.6 51.2 76.8





#21
 Allyl Chloride
 Concen: 9.489 ppbv
 RT: 4.012 min Scan# 41
 Delta R.T. 0.029 min
 Lab File: VL040842.D
 Acq: 13 Nov 2023 16:01

Instrument :

MSVOA_L

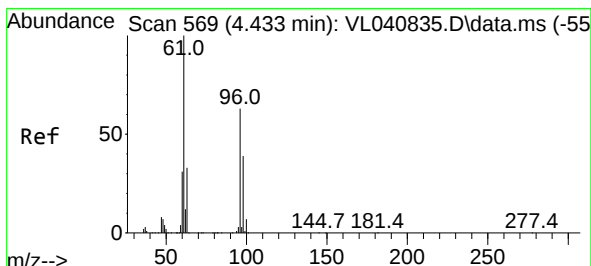
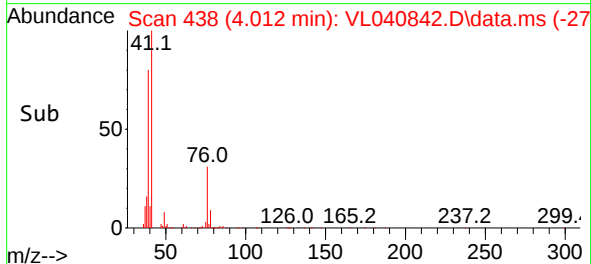
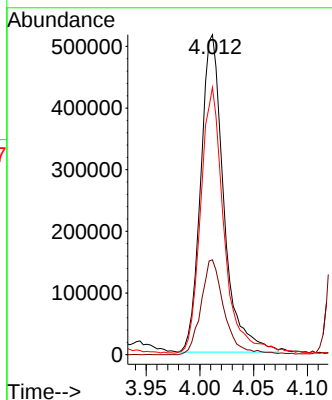
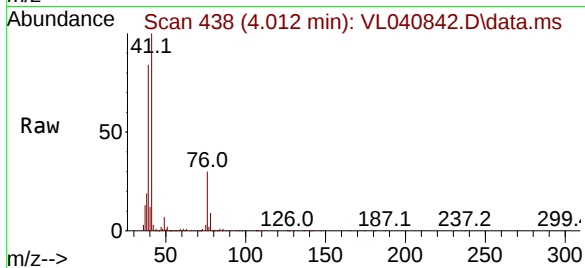
ClientSampleId :

ICVVL111323

Tgt Ion: 41 Resp: 768780
 Ion Ratio Lower Upper
 41 100
 76 30.3 24.4 36.6
 39 85.8 68.1 102.1

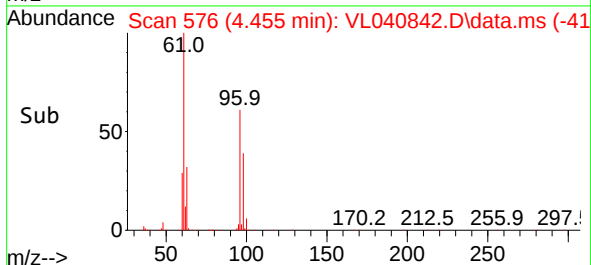
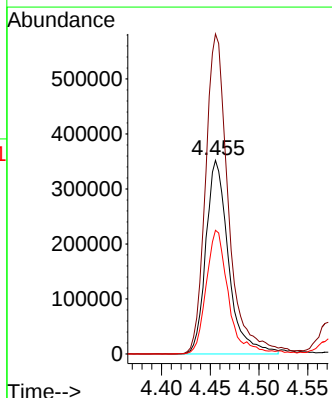
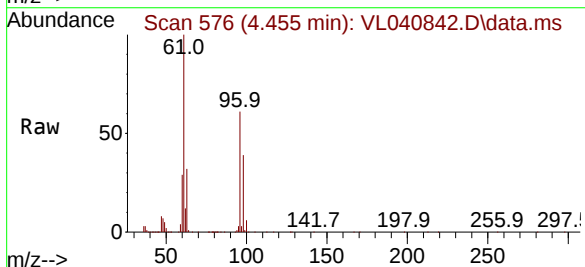
Manual Integrations
 APPROVED

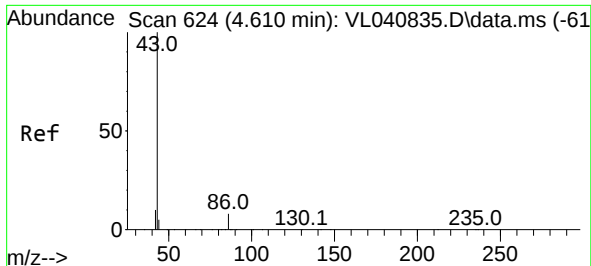
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023



#22
 trans-1,2-Dichloroethene
 Concen: 8.564 ppbv
 RT: 4.455 min Scan# 576
 Delta R.T. 0.022 min
 Lab File: VL040842.D
 Acq: 13 Nov 2023 16:01

Tgt Ion: 96 Resp: 569825
 Ion Ratio Lower Upper
 96 100
 61 165.2 126.8 190.2
 98 63.8 49.9 74.9





#23
 Vinyl Acetate
 Concen: 9.808 ppbv
 RT: 4.635 min Scan# 612
 Delta R.T. 0.026 min
 Lab File: VL040842.D
 Acq: 13 Nov 2023 16:01

Instrument :

MSVOA_L

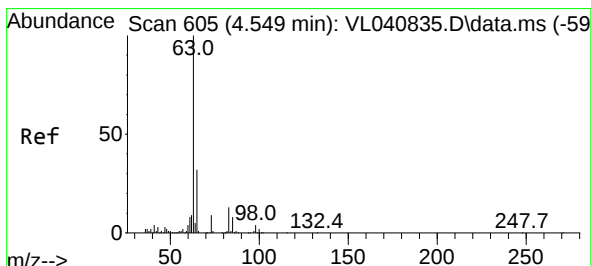
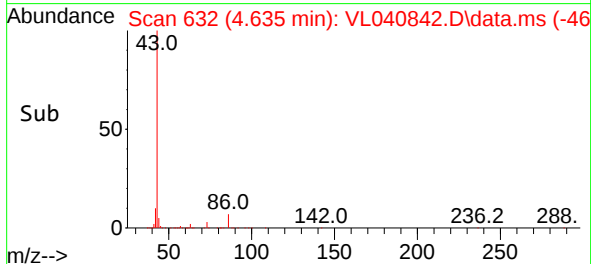
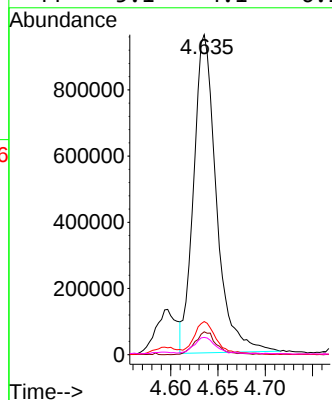
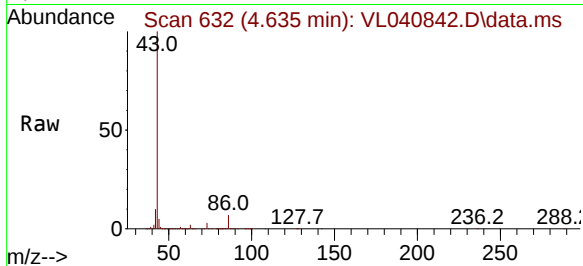
ClientSampleId :

ICVVL111323

Tgt Ion: 43 Resp: 160328
 Ion Ratio Lower Upper
 43 100
 86 7.1 5.5 8.3
 42 10.3 8.2 12.2
 44 5.1 4.1 6.1

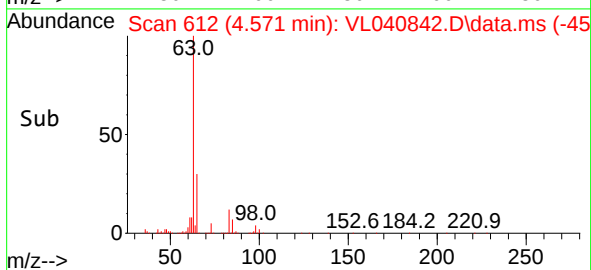
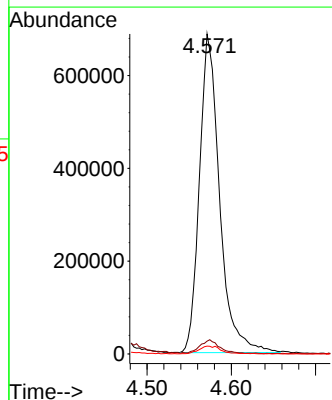
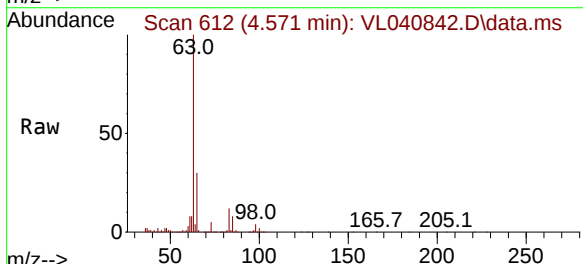
Manual Integrations
 APPROVED

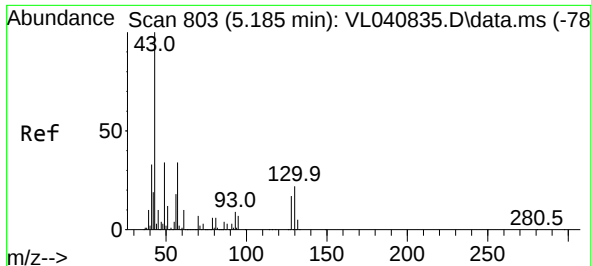
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023



#24
 1,1-Dichloroethane
 Concen: 7.860 ppbv
 RT: 4.571 min Scan# 612
 Delta R.T. 0.022 min
 Lab File: VL040842.D
 Acq: 13 Nov 2023 16:01

Tgt Ion: 63 Resp: 1145256
 Ion Ratio Lower Upper
 63 100
 98 3.9 2.2 6.6
 100 2.4 1.0 3.0





#25

Ethyl Acetate

Concen: 9.463 ppbv

RT: 5.208 min Scan# 810

Delta R.T. 0.022 min

Lab File: VL040842.D

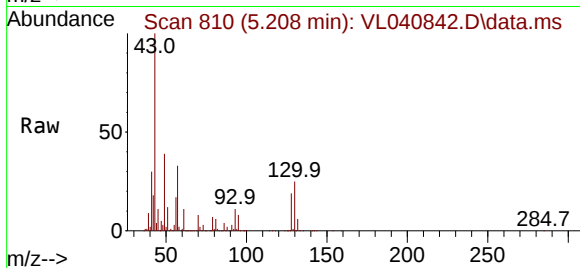
Acq: 13 Nov 2023 16:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL111323



Tgt Ion: 43 Resp: 248049

Ion Ratio Lower Upper

43 100

45 10.0 8.1 12.1

61 10.4 7.8 11.6

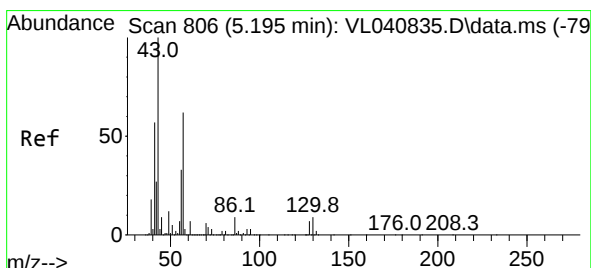
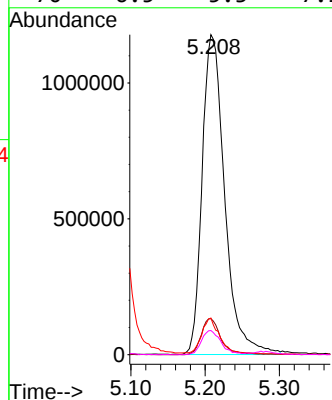
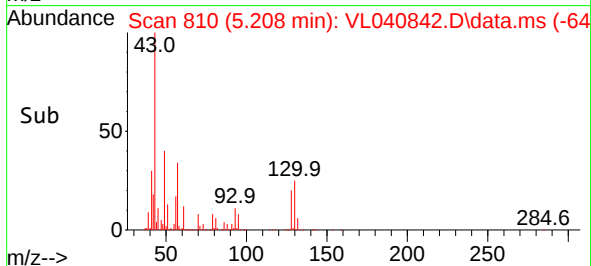
70 6.5 5.3 7.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#26

Hexane

Concen: 9.262 ppbv

RT: 5.217 min Scan# 813

Delta R.T. 0.022 min

Lab File: VL040842.D

Acq: 13 Nov 2023 16:01

Tgt Ion: 57 Resp: 1074548

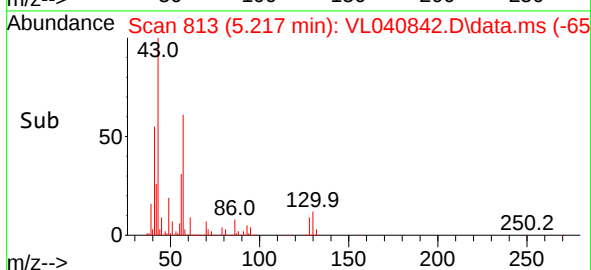
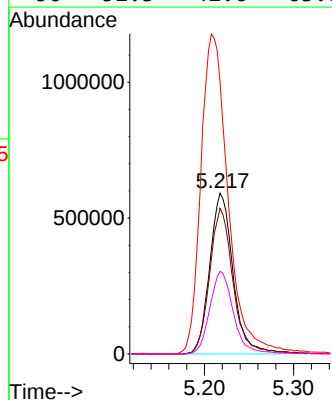
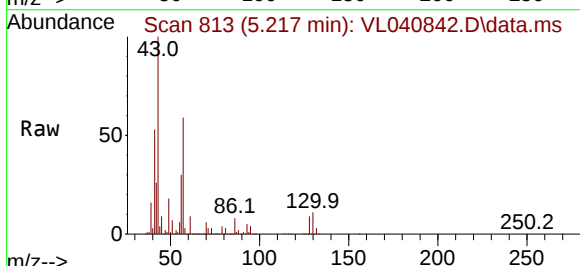
Ion Ratio Lower Upper

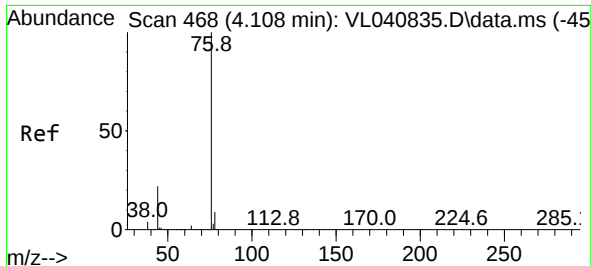
57 100

41 92.2 75.4 113.0

43 233.5 185.9 278.9

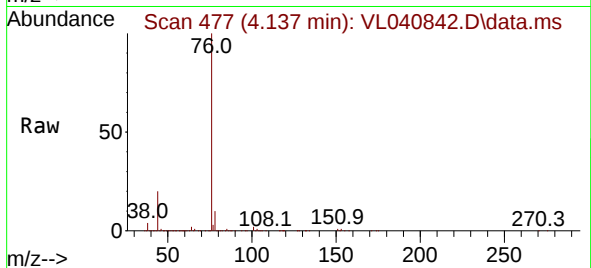
56 52.3 42.6 63.8





#27
Carbon Disulfide
Concen: 9.398 ppbv
RT: 4.137 min Scan# 41
Delta R.T. 0.029 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

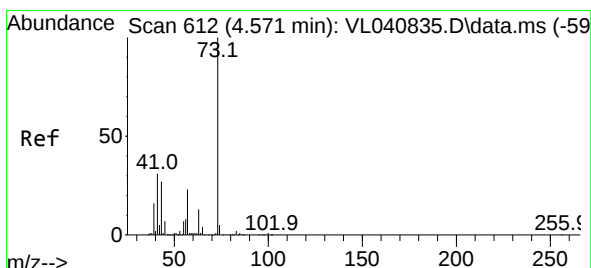
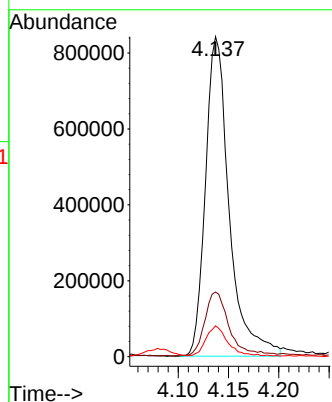
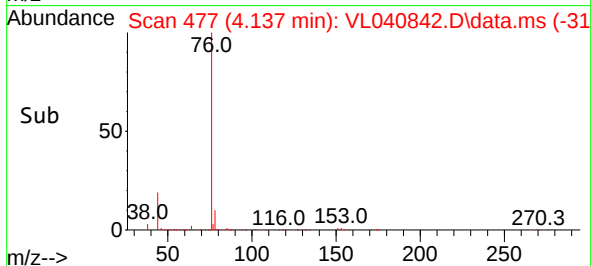
Instrument :
MSVOA_L
ClientSampleId :
ICVVL111323



Tgt Ion: 76 Resp: 1382530
Ion Ratio Lower Upper
76 100
44 21.0 16.7 25.1
78 9.4 7.6 11.4

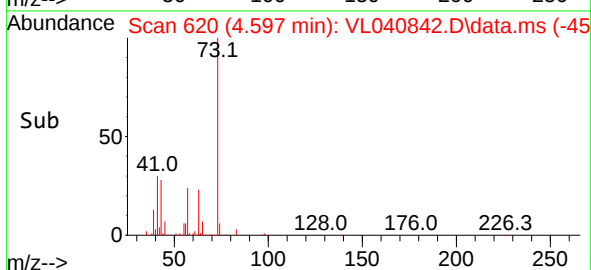
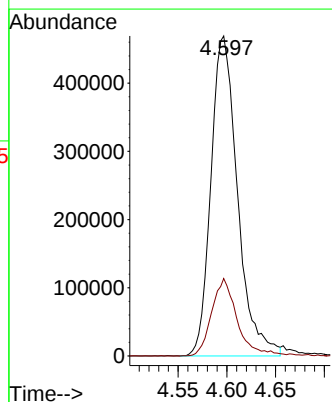
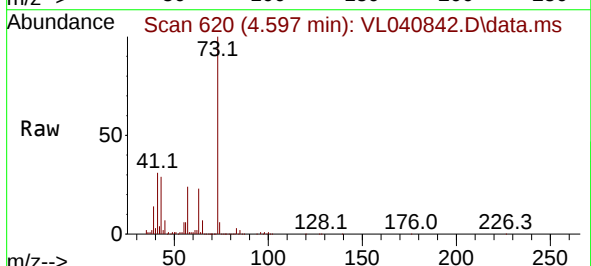
Manual Integrations
APPROVED

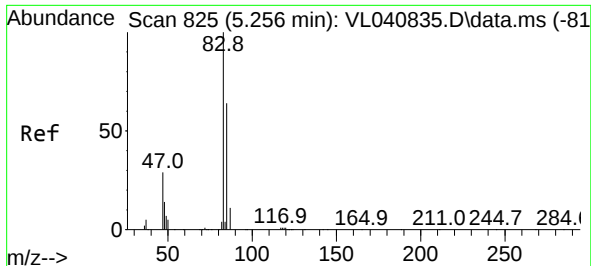
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#28
Methyl tert-Butyl Ether
Concen: 8.499 ppbv
RT: 4.597 min Scan# 620
Delta R.T. 0.026 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

Tgt Ion: 73 Resp: 891686
Ion Ratio Lower Upper
73 100
57 23.5 18.0 27.0





#29

Chloroform

Concen: 9.048 ppbv

RT: 5.282 min Scan# 81

Delta R.T. 0.026 min

Lab File: VL040842.D

Acq: 13 Nov 2023 16:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL111323

Tgt Ion: 83 Resp: 177904

Ion Ratio Lower Upper

83 100

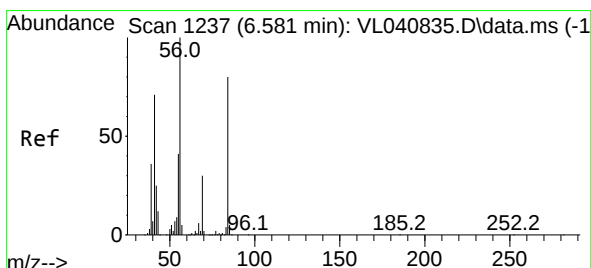
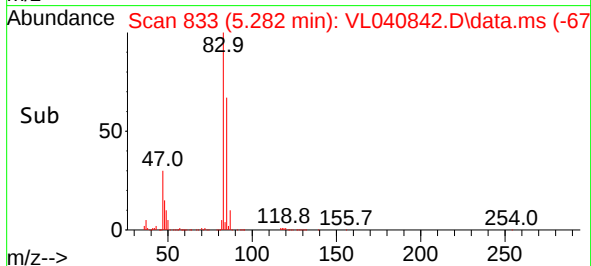
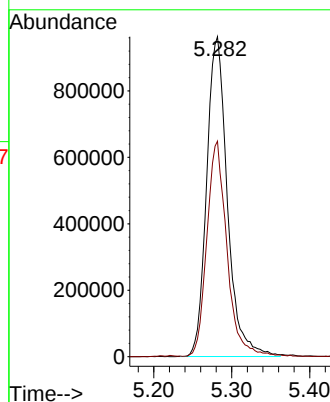
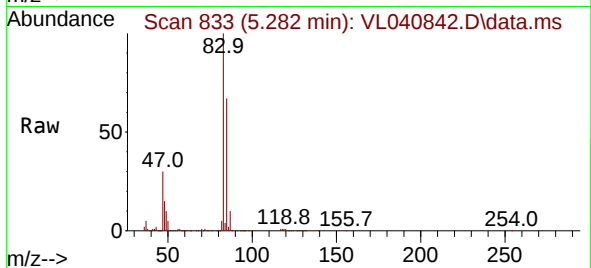
85 67.2 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#30

Cyclohexane

Concen: 9.383 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. 0.019 min

Lab File: VL040842.D

Acq: 13 Nov 2023 16:01

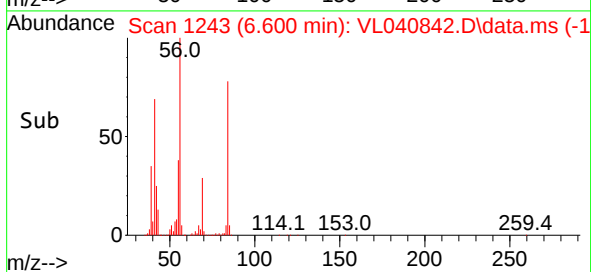
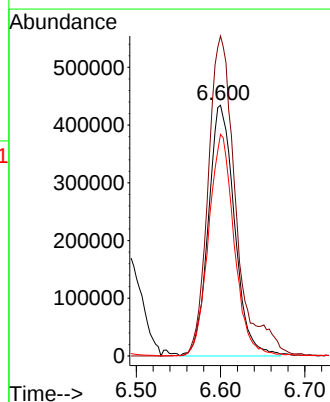
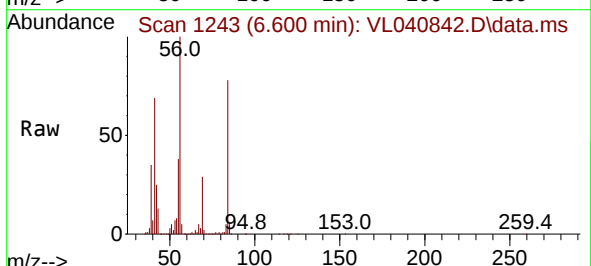
Tgt Ion: 84 Resp: 936472

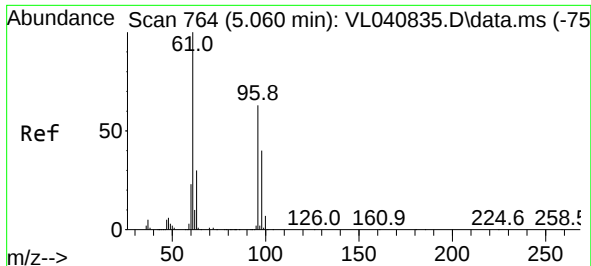
Ion Ratio Lower Upper

84 100

56 136.2 109.3 163.9

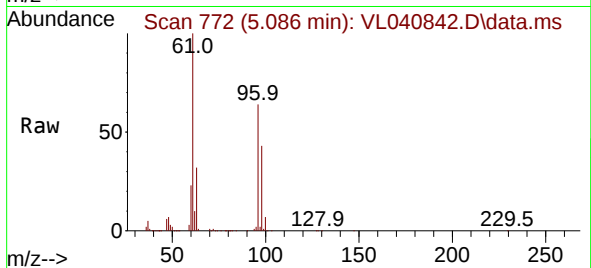
41 86.7 71.4 107.2





#31
cis-1,2-Dichloroethene
Concen: 9.804 ppbv
RT: 5.086 min Scan# 71
Delta R.T. 0.026 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

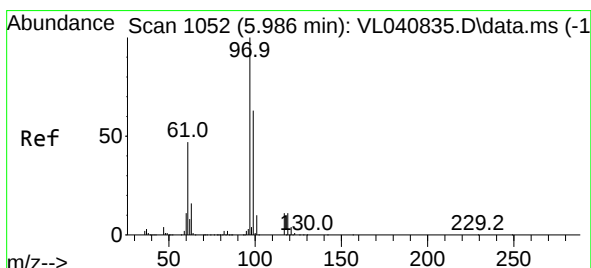
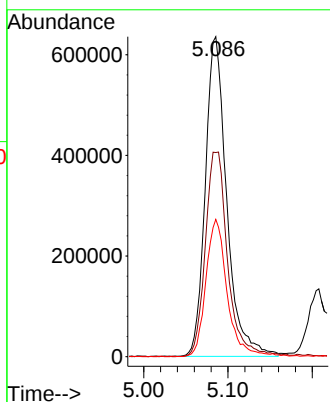
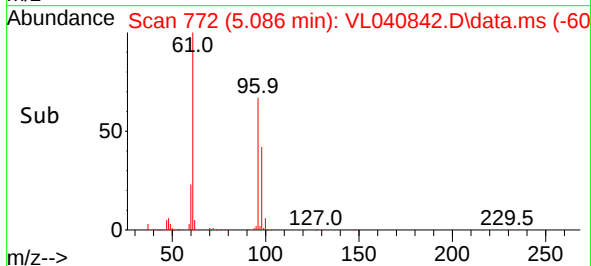
Instrument :
MSVOA_L
ClientSampleId :
ICVVL111323



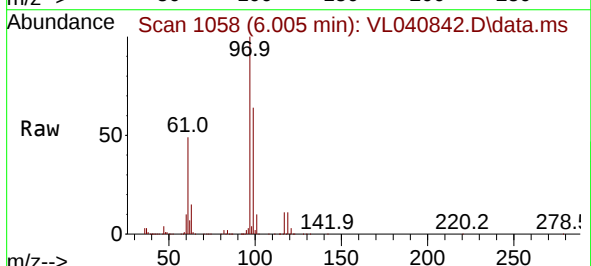
Tgt Ion: 61 Resp: 1125460
Ion Ratio Lower Upper
61 100
96 63.8 50.5 75.7
98 42.9 31.9 47.9

Manual Integrations
APPROVED

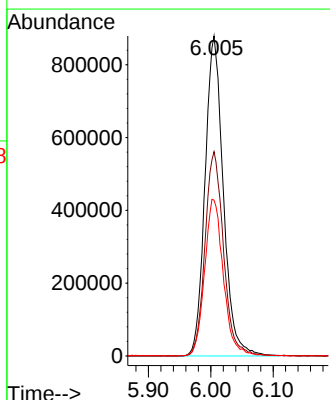
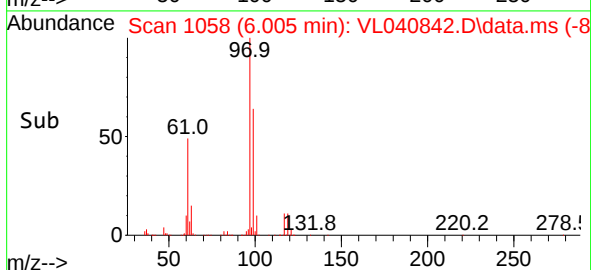
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

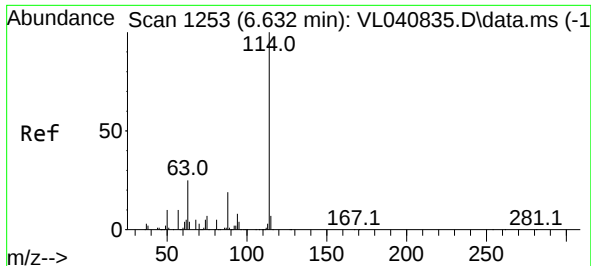


#32
1,1,1-Trichloroethane
Concen: 9.778 ppbv
RT: 6.005 min Scan# 1058
Delta R.T. 0.019 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01



Tgt Ion: 97 Resp: 1793724
Ion Ratio Lower Upper
97 100
99 64.8 52.2 78.4
61 50.2 41.0 61.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.651 min Scan# 114

Delta R.T. 0.019 min

Lab File: VL040842.D

Acq: 13 Nov 2023 16:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL111323

Tgt Ion:114 Resp: 306080

Ion Ratio Lower Upper

114 100

63 25.6 20.9 31.3

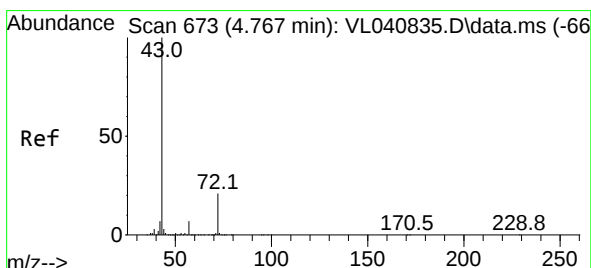
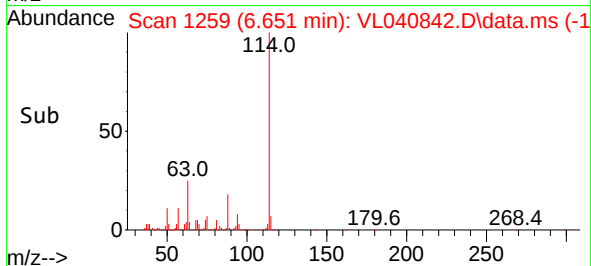
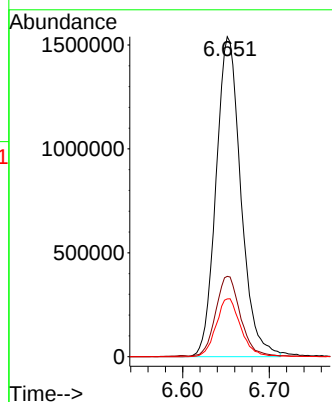
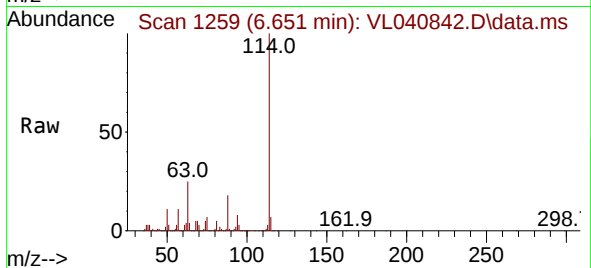
88 18.1 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#34

2-Butanone

Concen: 9.759 ppbv

RT: 4.793 min Scan# 681

Delta R.T. 0.026 min

Lab File: VL040842.D

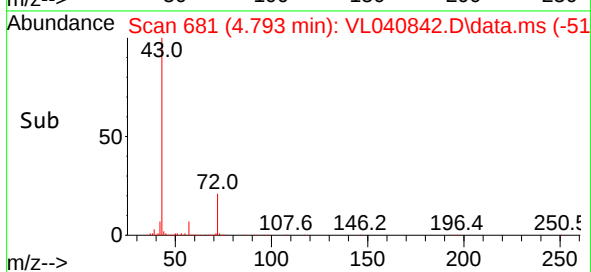
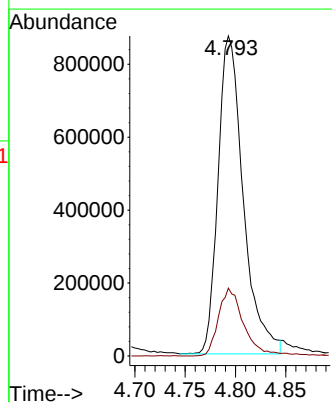
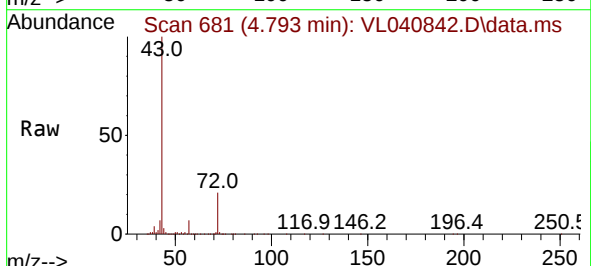
Acq: 13 Nov 2023 16:01

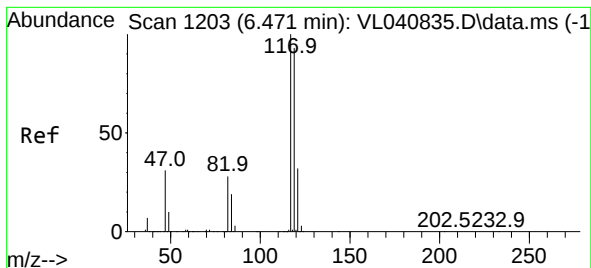
Tgt Ion: 43 Resp: 1521674

Ion Ratio Lower Upper

43 100

72 22.0 17.2 25.8





#35

Carbon Tetrachloride

Concen: 10.045 ppbv

RT: 6.491 min Scan# 1172

Delta R.T. 0.019 min

Lab File: VL040842.D

Acq: 13 Nov 2023 16:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL111323

Tgt Ion: 117 Resp: 1886320

Ion Ratio Lower Upper

117 100

119 94.7 74.7 112.1

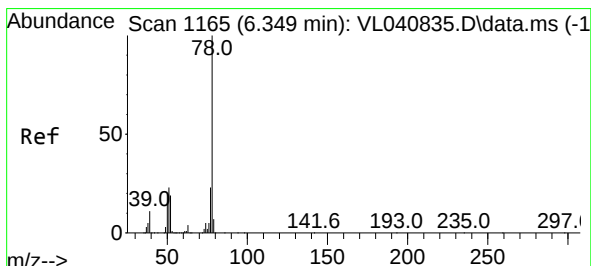
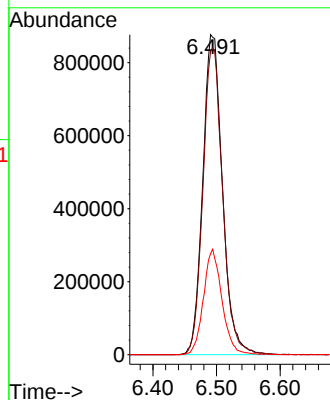
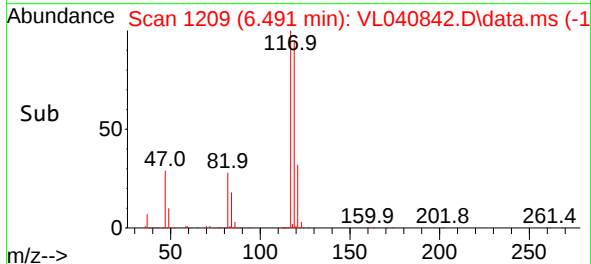
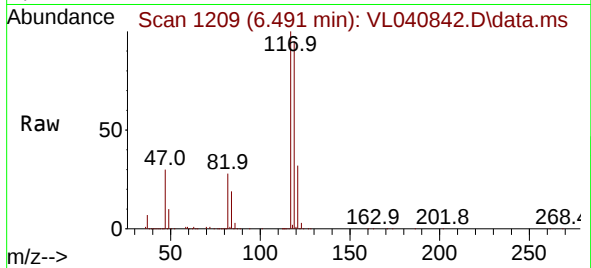
121 31.6 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#36

Benzene

Concen: 9.300 ppbv

RT: 6.372 min Scan# 1172

Delta R.T. 0.022 min

Lab File: VL040842.D

Acq: 13 Nov 2023 16:01

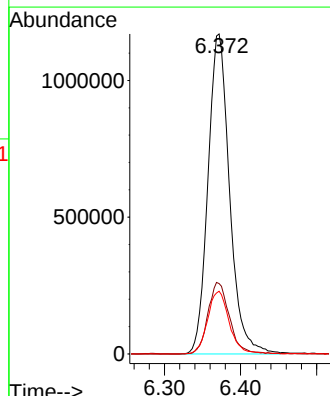
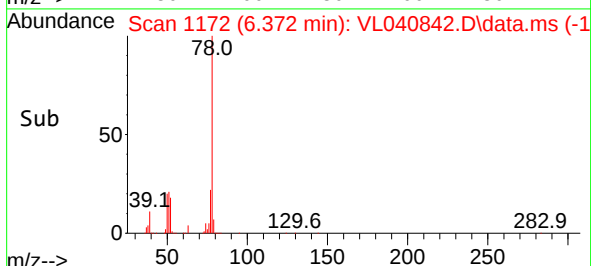
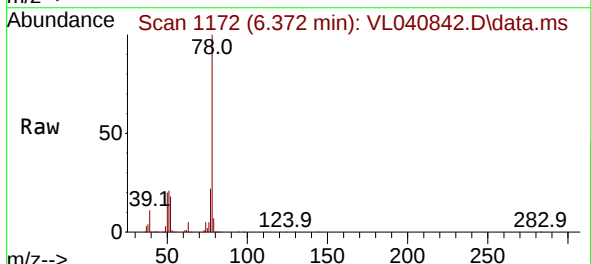
Tgt Ion: 78 Resp: 2310381

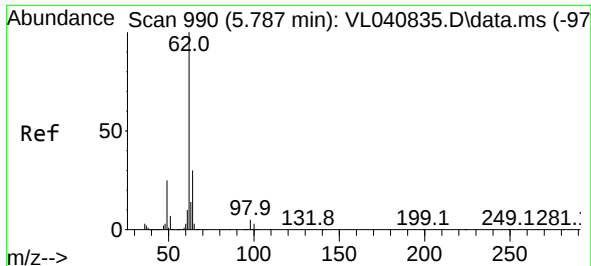
Ion Ratio Lower Upper

78 100

77 22.0 18.4 27.6

50 19.6 16.2 24.2





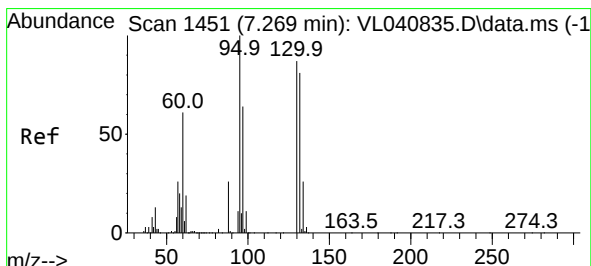
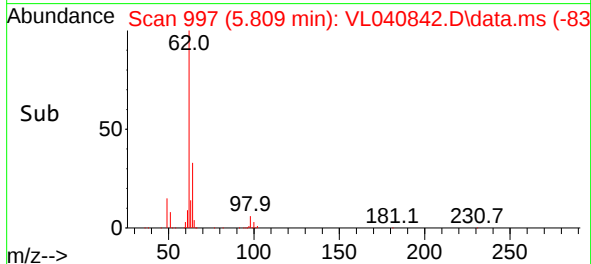
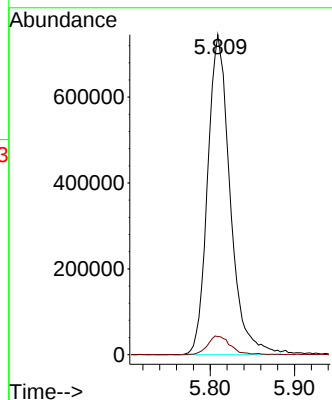
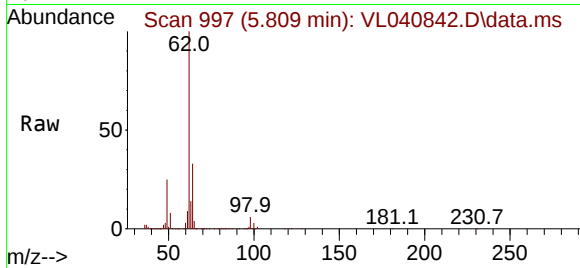
#37
1,2-Dichloroethane
Concen: 9.440 ppbv
RT: 5.809 min Scan# 990
Delta R.T. 0.022 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

Instrument :
MSVOA_L
ClientSampleId :
ICVVL111323

Tgt Ion: 62 Resp: 138300
Ion Ratio Lower Upper
62 100
98 6.0 4.6 6.8

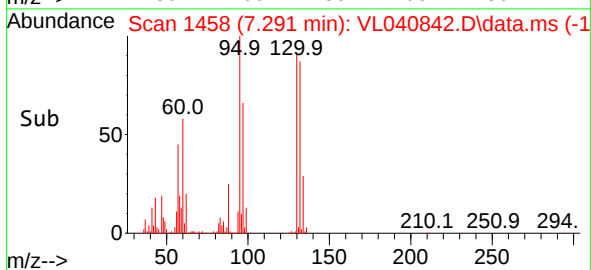
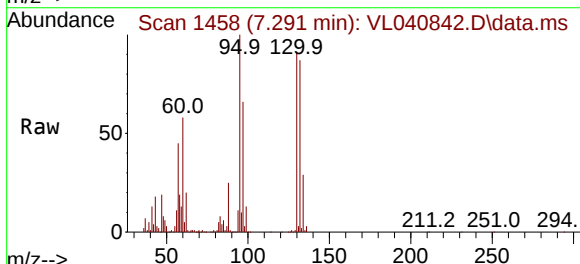
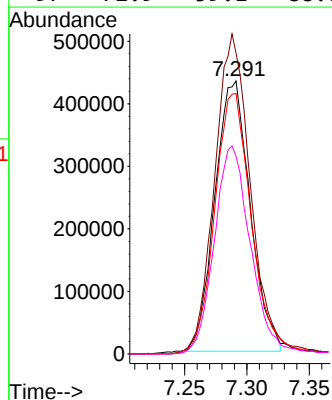
Manual Integrations
APPROVED

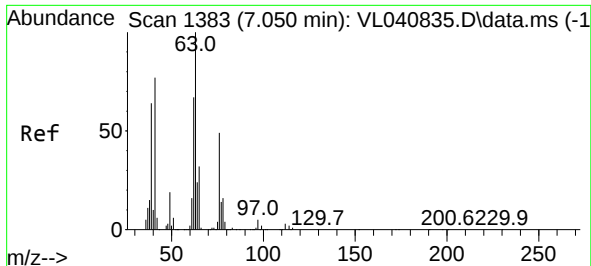
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#38
Trichloroethene
Concen: 8.842 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. 0.022 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

Tgt Ion:130 Resp: 853726
Ion Ratio Lower Upper
130 100
95 110.7 92.4 138.6
132 96.1 75.1 112.7
97 72.9 59.1 88.7





#39

1,2-Dichloropropane

Concen: 9.173 ppbv

RT: 7.073 min Scan# 11

Delta R.T. 0.022 min

Lab File: VL040842.D

Acq: 13 Nov 2023 16:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL111323

Tgt Ion: 63 Resp: 90352

Ion Ratio Lower Upper

63 100

41 71.6 61.5 92.3

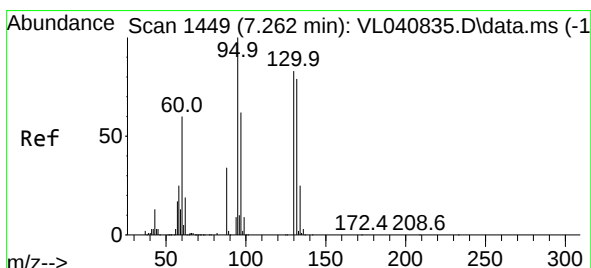
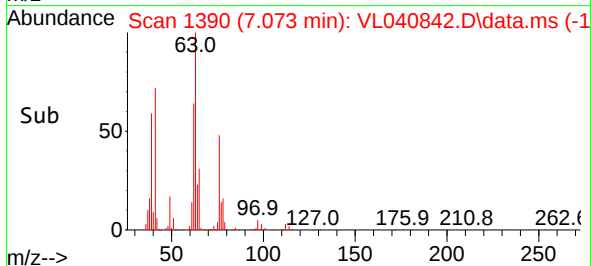
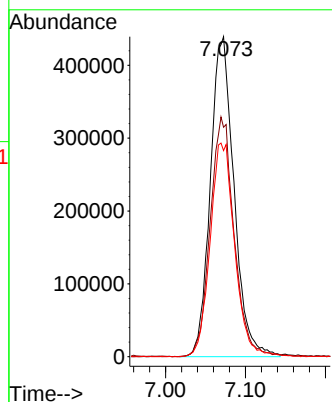
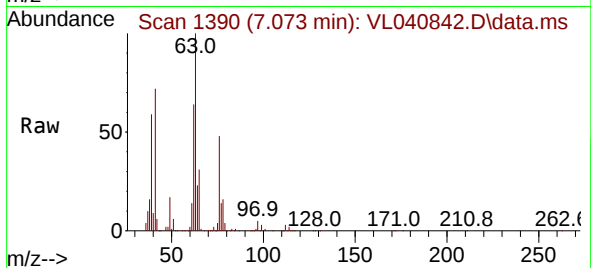
62 64.4 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#40

1,4-Dioxane

Concen: 8.652 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. 0.019 min

Lab File: VL040842.D

Acq: 13 Nov 2023 16:01

Tgt Ion: 88 Resp: 338140

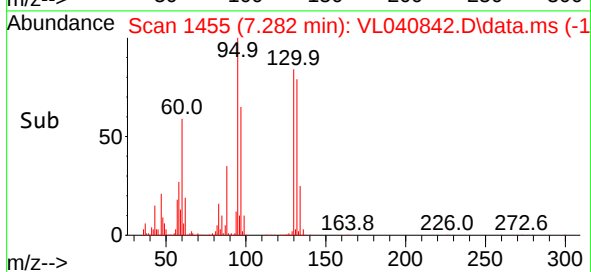
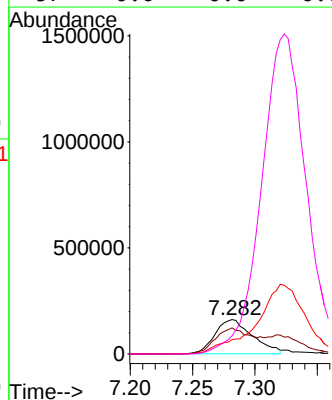
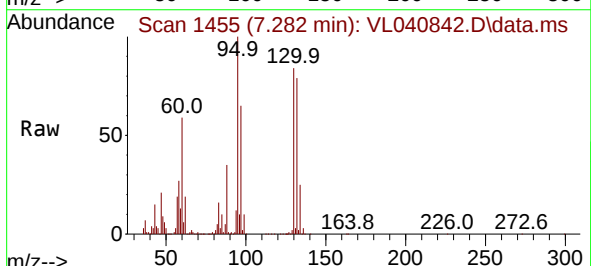
Ion Ratio Lower Upper

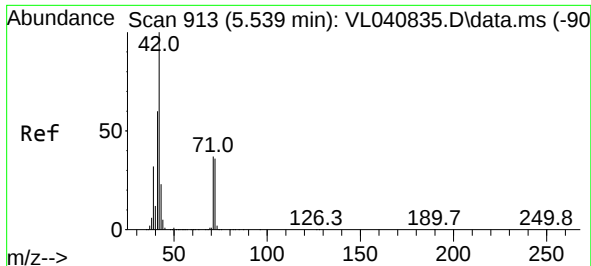
88 100

58 129.5 101.0 151.6

43 0.0 0.0 0.0

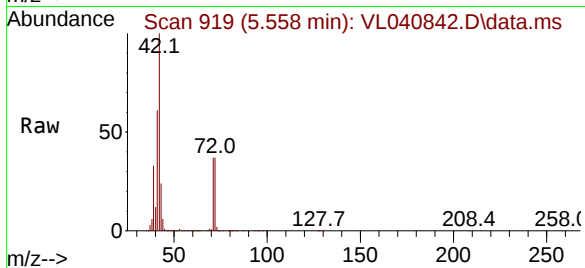
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 10.023 ppbv
RT: 5.558 min Scan# 913
Delta R.T. 0.019 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

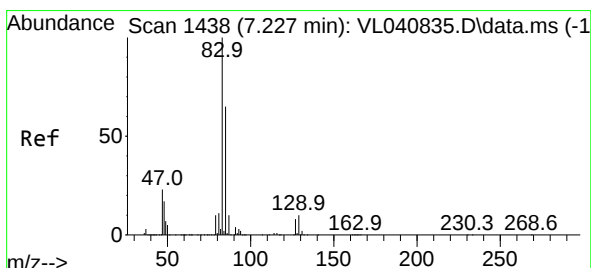
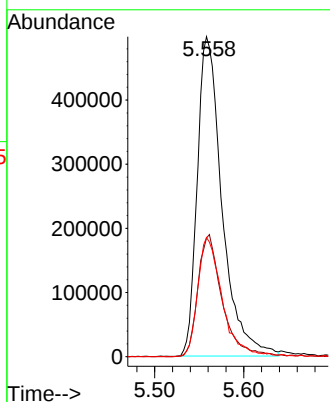
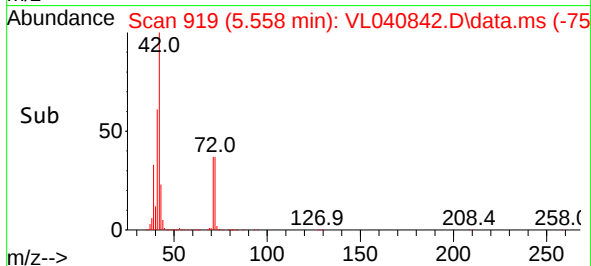
Instrument :
MSVOA_L
ClientSampleId :
ICVVL111323



Tgt Ion: 42 Resp: 962225
Ion Ratio Lower Upper
42 100
72 38.1 30.8 46.2
71 37.2 30.0 45.0

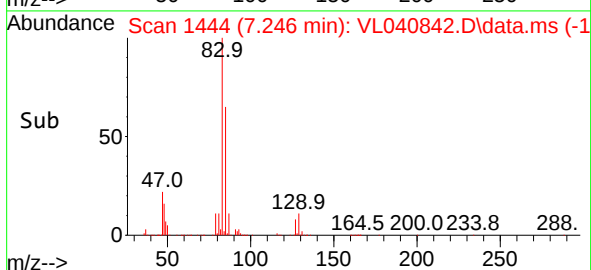
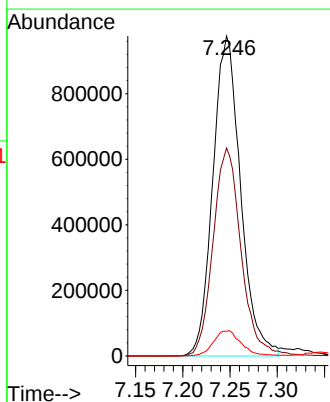
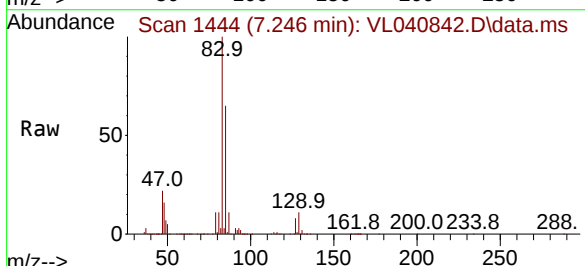
Manual Integrations
APPROVED

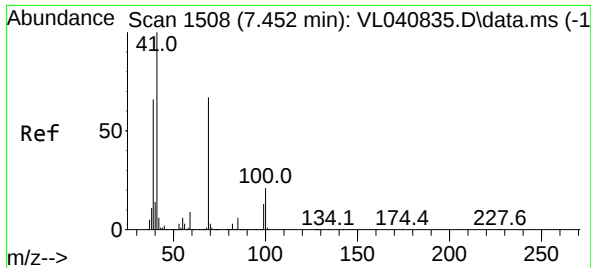
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#42
Bromodichloromethane
Concen: 9.494 ppbv
RT: 7.246 min Scan# 1444
Delta R.T. 0.019 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

Tgt Ion: 83 Resp: 1990673
Ion Ratio Lower Upper
83 100
85 65.0 52.3 78.5
127 7.7 6.6 10.0





#43
Methyl Methacrylate
Concen: 10.237 ppbv
RT: 7.468 min Scan# 1513
Delta R.T. 0.016 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

Instrument :

MSVOA_L

ClientSampleId :

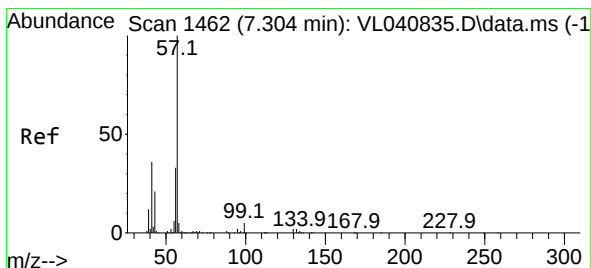
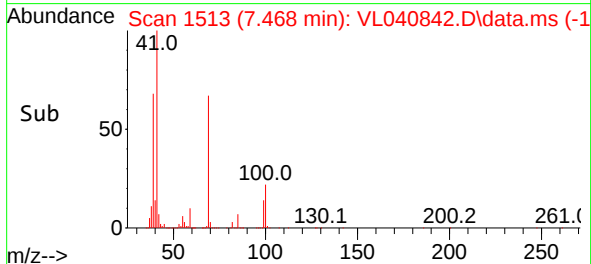
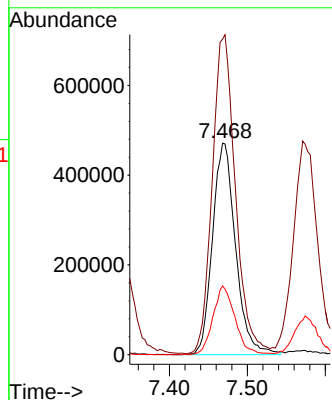
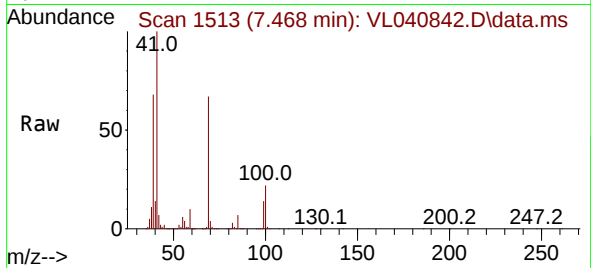
ICVVL111323

Tgt Ion: 69 Resp: 969064
Ion Ratio Lower Upper
69 100
41 152.3 123.0 184.4
100 31.1 25.4 38.2

Manual Integrations

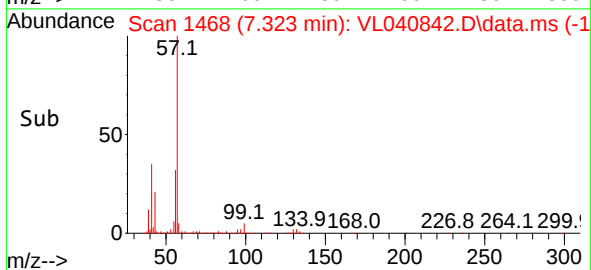
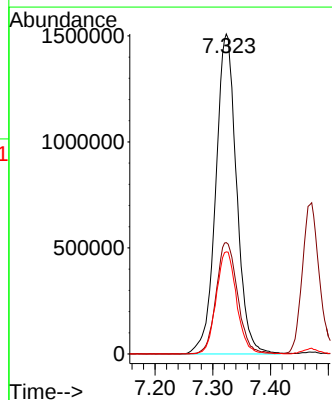
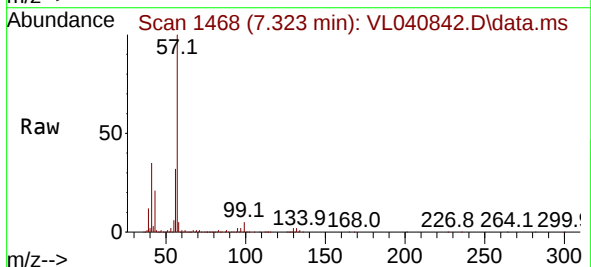
APPROVED

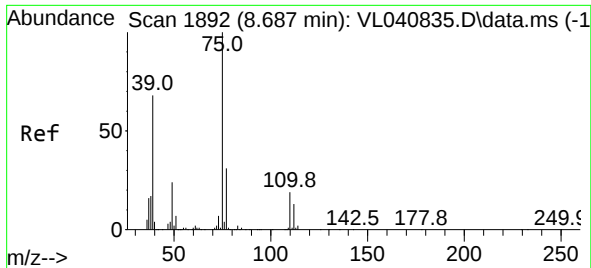
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#44
2,2,4-Trimethylpentane
Concen: 9.139 ppbv
RT: 7.323 min Scan# 1468
Delta R.T. 0.019 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

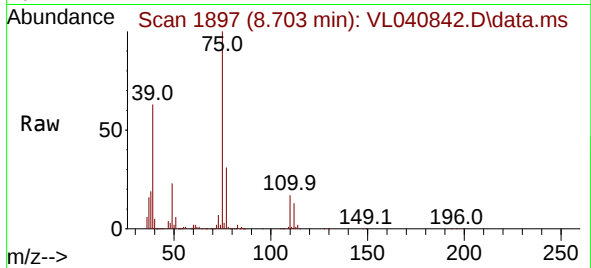
Tgt Ion: 57 Resp: 3770963
Ion Ratio Lower Upper
57 100
41 35.9 29.0 43.6
56 31.5 25.2 37.8





#45
t-1,3-Dichloropropene
Concen: 11.154 ppbv
RT: 8.703 min Scan# 11
Delta R.T. 0.016 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

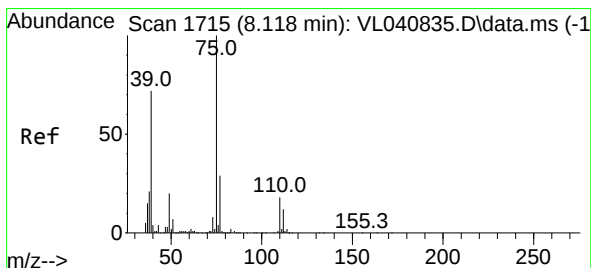
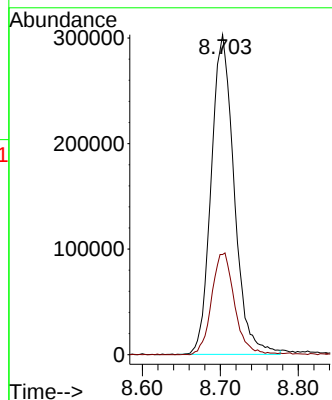
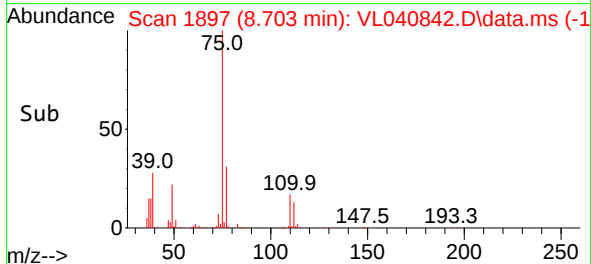
Instrument :
MSVOA_L
ClientSampleId :
ICVVL111323



Tgt Ion: 75 Resp: 620480
Ion Ratio Lower Upper
75 100
77 31.3 24.9 37.3

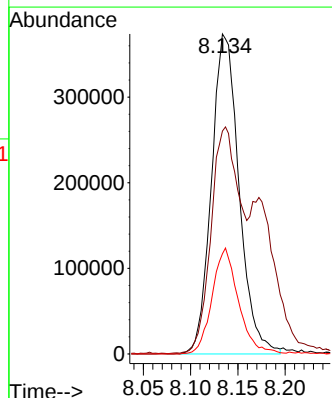
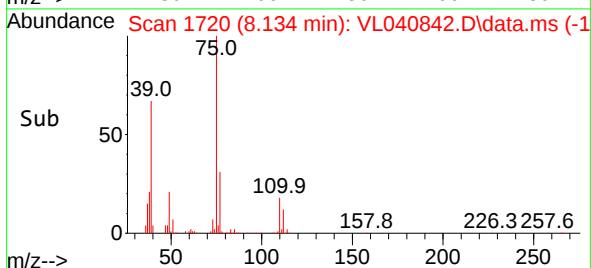
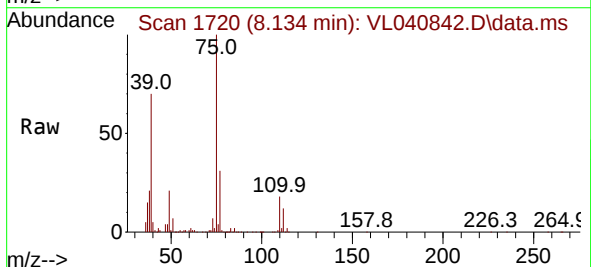
Manual Integrations
APPROVED

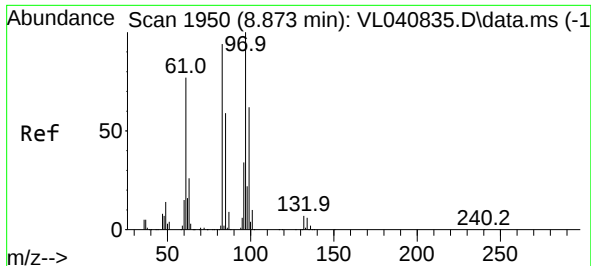
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#46
cis-1,3-Dichloropropene
Concen: 10.521 ppbv
RT: 8.134 min Scan# 1720
Delta R.T. 0.016 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

Tgt Ion: 75 Resp: 758840
Ion Ratio Lower Upper
75 100
39 69.4 57.3 85.9
77 31.3 23.0 34.6





#47
1,1,2-Trichloroethane
Concen: 9.201 ppbv
RT: 8.889 min Scan# 1950
Delta R.T. 0.016 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

Instrument :

MSVOA_L

ClientSampleId :

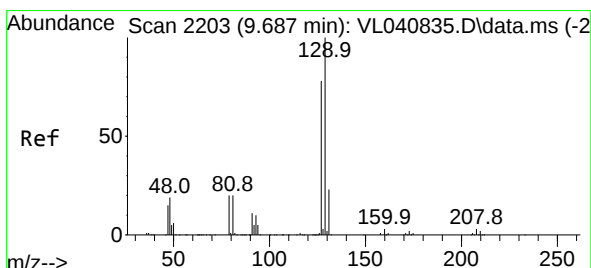
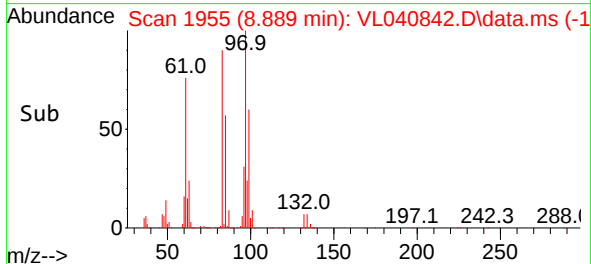
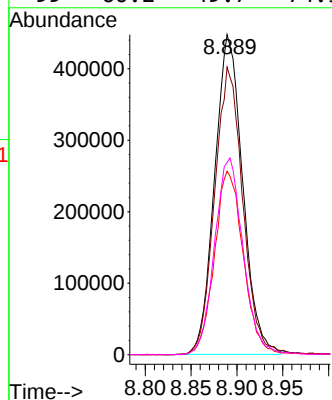
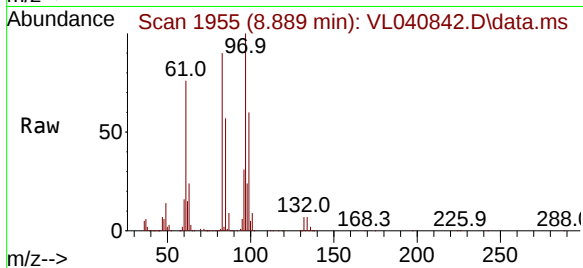
ICVVL111323

Tgt Ion: 97 Resp: 949609
Ion Ratio Lower Upper
97 100
83 89.8 74.8 112.2
85 57.4 47.4 71.0
99 60.2 49.7 74.5

Manual Integrations

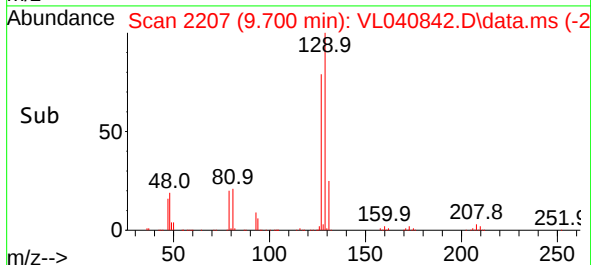
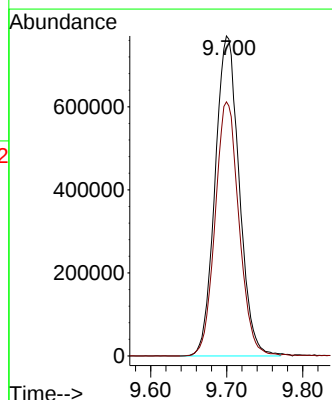
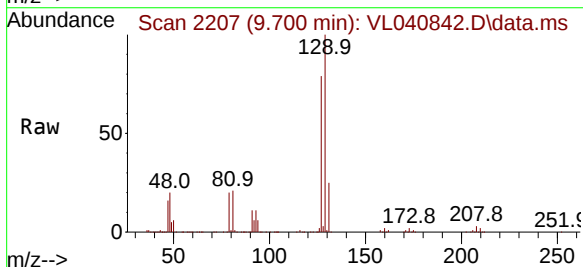
APPROVED

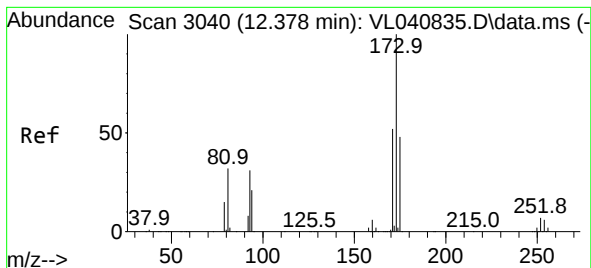
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#48
Dibromochloromethane
Concen: 9.923 ppbv
RT: 9.700 min Scan# 2207
Delta R.T. 0.013 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

Tgt Ion:129 Resp: 1699272
Ion Ratio Lower Upper
129 100
127 78.9 39.3 117.9





#49

Bromoform

Concen: 10.442 ppbv

RT: 12.394 min Scan# 3040

Delta R.T. 0.016 min

Lab File: VL040842.D

Acq: 13 Nov 2023 16:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL111323

Tgt Ion:173 Resp: 134500

Ion Ratio Lower Upper

173 100

175 48.0 39.0 58.6

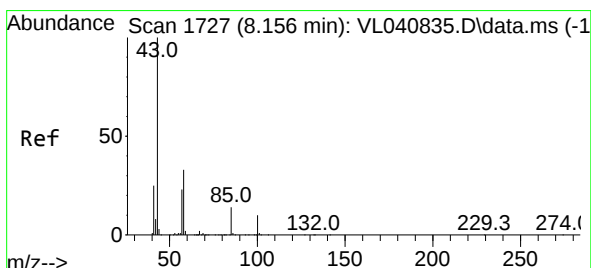
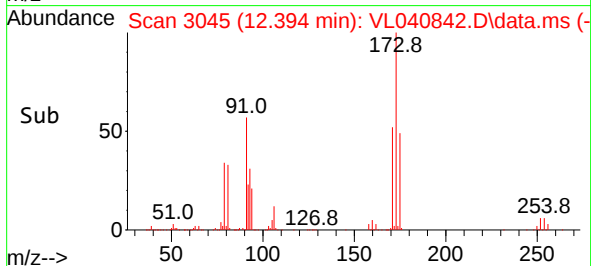
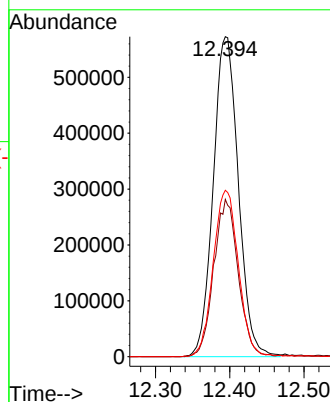
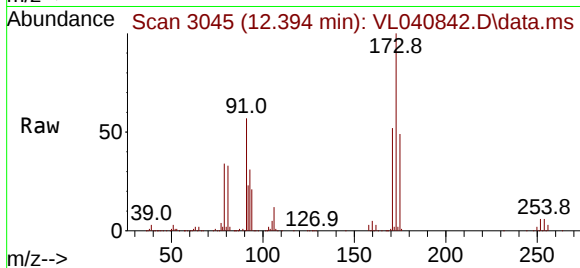
171 52.3 41.8 62.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#50

4-Methyl-2-Pentanone

Concen: 9.883 ppbv

RT: 8.172 min Scan# 1732

Delta R.T. 0.016 min

Lab File: VL040842.D

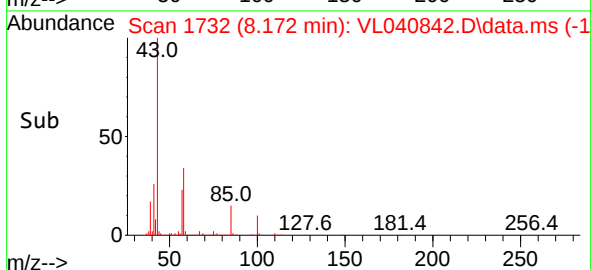
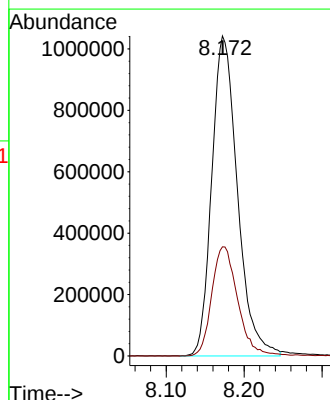
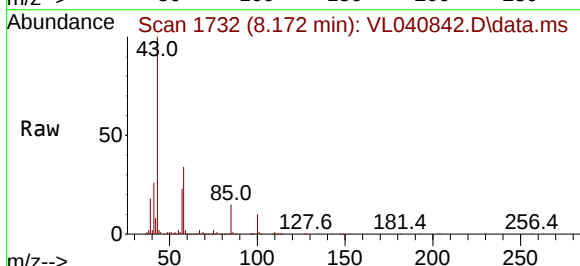
Acq: 13 Nov 2023 16:01

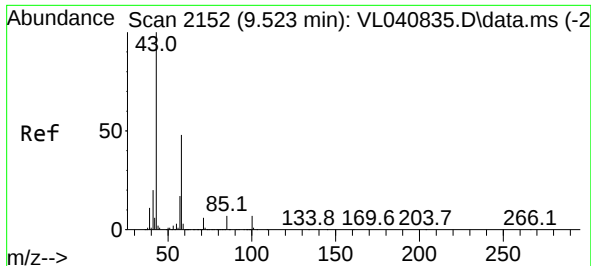
Tgt Ion: 43 Resp: 2384967

Ion Ratio Lower Upper

43 100

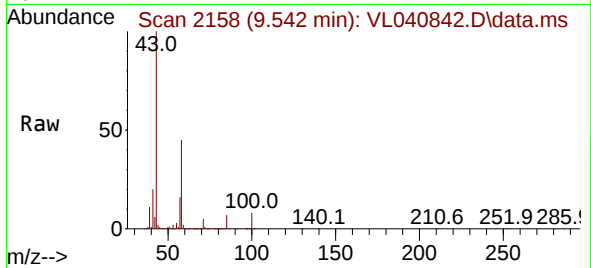
58 34.8 27.8 41.6





#51
2-Hexanone
Concen: 10.158 ppbv
RT: 9.542 min Scan# 2152
Delta R.T. 0.019 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

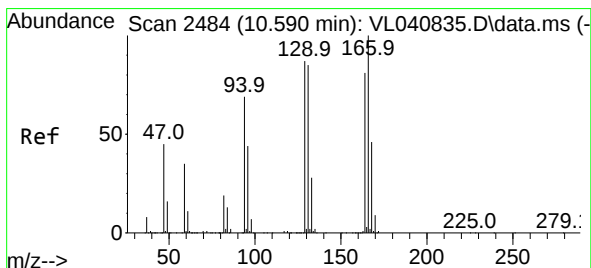
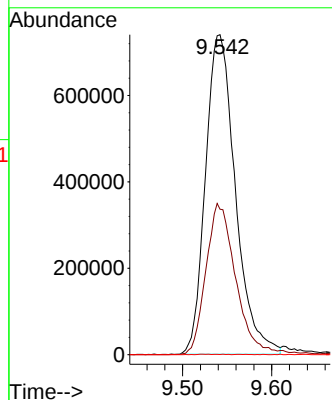
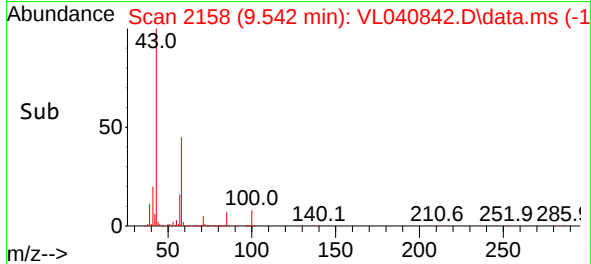
Instrument :
MSVOA_L
ClientSampleId :
ICVVL111323



Tgt Ion: 43 Resp: 1727898
Ion Ratio Lower Upper
43 100
58 47.9 37.4 56.2
98 0.1 0.2 0.2

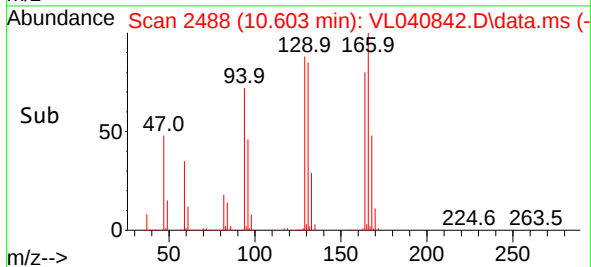
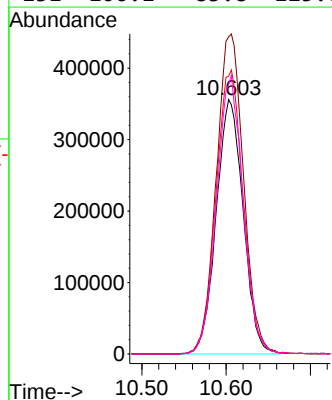
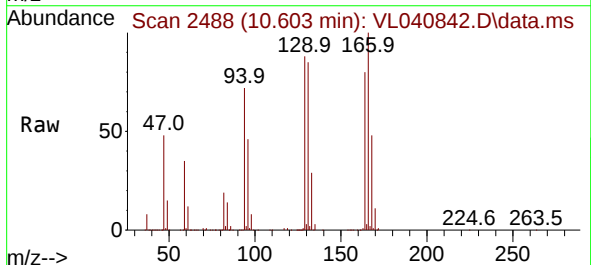
Manual Integrations
APPROVED

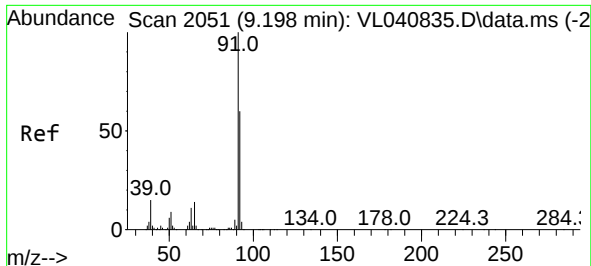
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#52
Tetrachloroethene
Concen: 9.433 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. 0.013 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

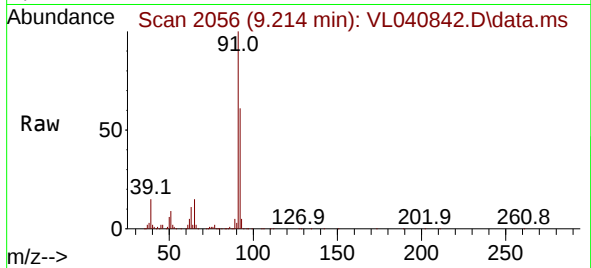
Tgt Ion:164 Resp: 789068
Ion Ratio Lower Upper
164 100
166 124.6 98.3 147.5
129 109.1 85.1 127.7
131 106.1 83.8 125.6





#53
Toluene
Concen: 9.534 ppbv
RT: 9.214 min Scan# 2051
Delta R.T. 0.016 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

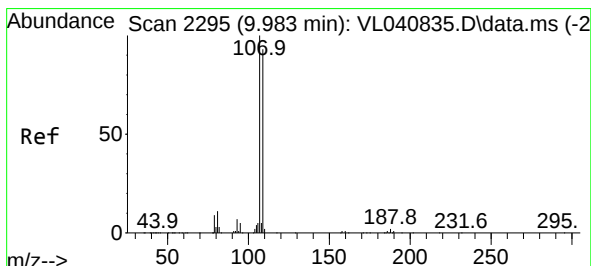
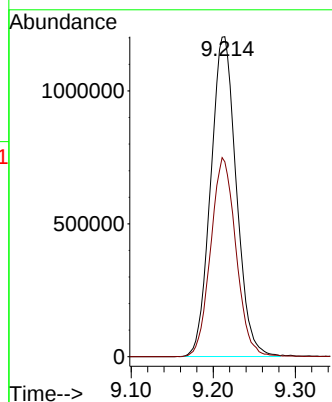
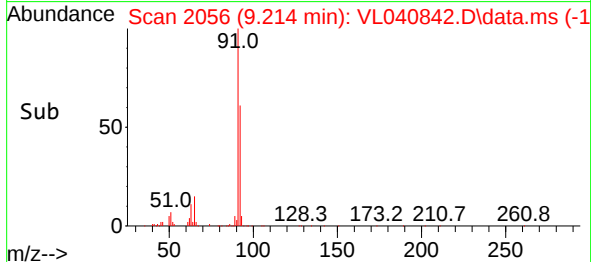
Instrument :
MSVOA_L
ClientSampleId :
ICVVL111323



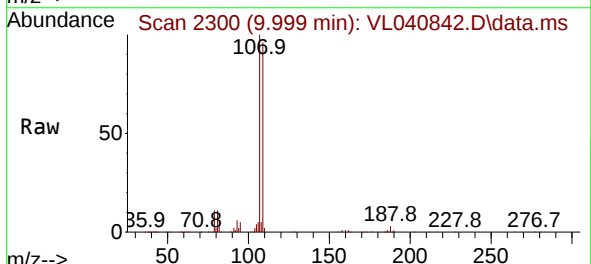
Tgt Ion: 91 Resp: 2606324
Ion Ratio Lower Upper
91 100
92 61.7 49.4 74.2

Manual Integrations
APPROVED

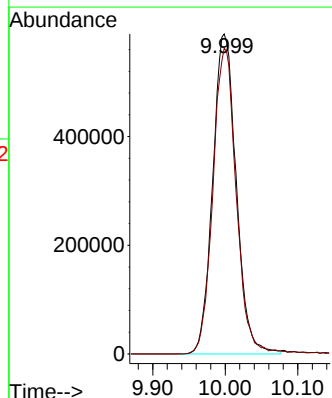
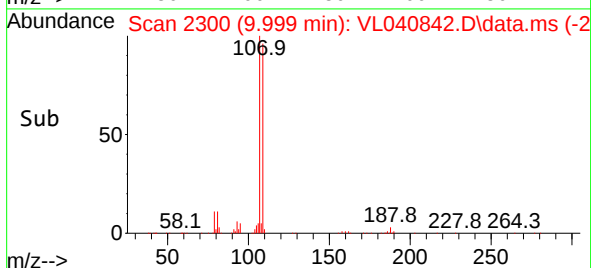
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

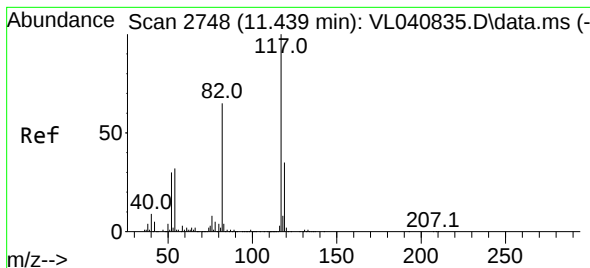


#54
1,2-Dibromoethane
Concen: 9.982 ppbv
RT: 9.999 min Scan# 2300
Delta R.T. 0.016 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01



Tgt Ion:107 Resp: 1325859
Ion Ratio Lower Upper
107 100
109 95.5 74.5 111.7





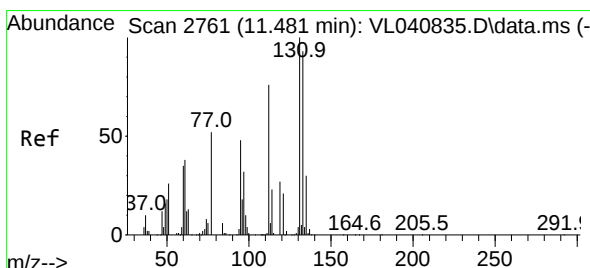
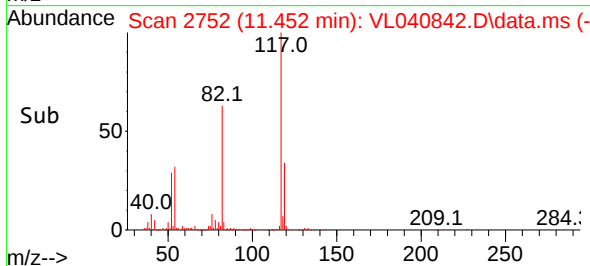
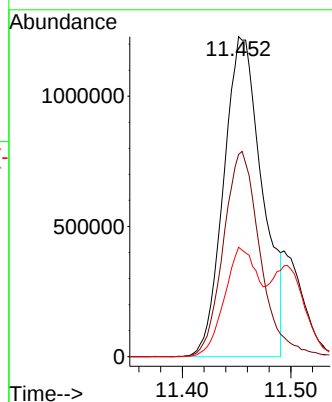
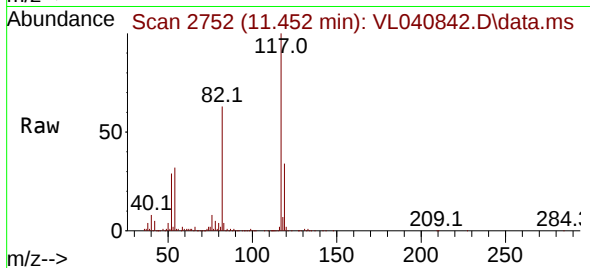
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.452 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

Instrument :
MSVOA_L
ClientSampleId :
ICVVL111323

Tgt Ion:117 Resp: 3037062
Ion Ratio Lower Upper
117 100
82 61.8 50.6 75.8
119 33.1 23.3 34.9

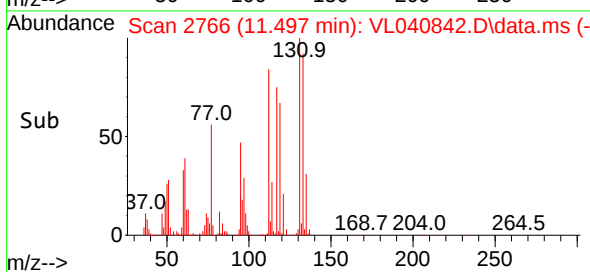
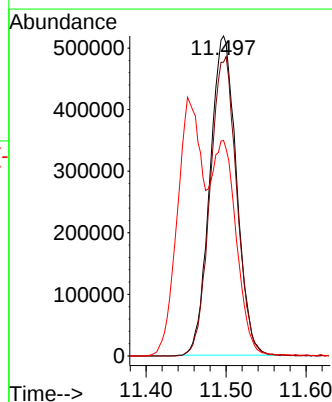
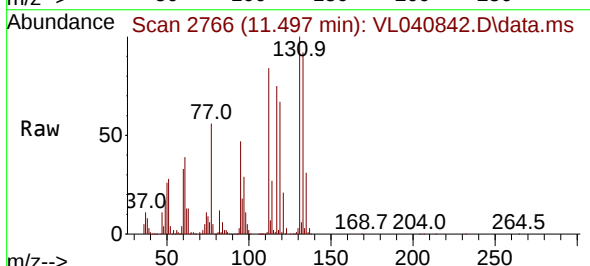
Manual Integrations
APPROVED

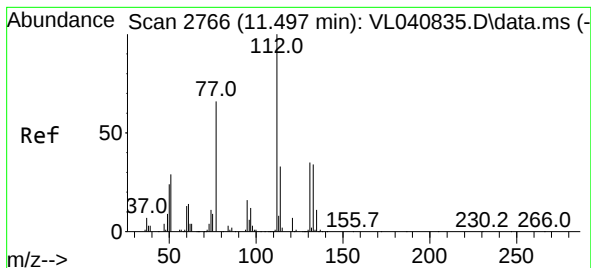
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 9.170 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. 0.016 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

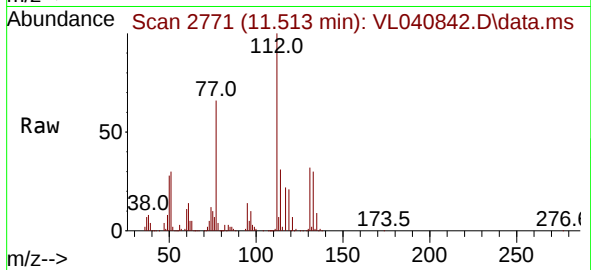
Tgt Ion:131 Resp: 1191982
Ion Ratio Lower Upper
131 100
133 94.8 76.4 114.6
119 66.1 51.1 76.7





#57
Chlorobenzene
Concen: 8.881 ppbv
RT: 11.513 min Scan# 2766
Delta R.T. 0.016 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

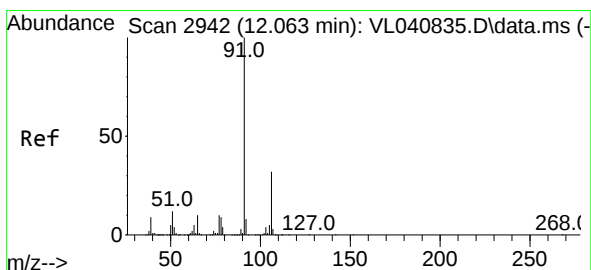
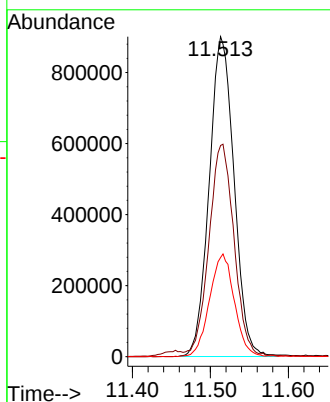
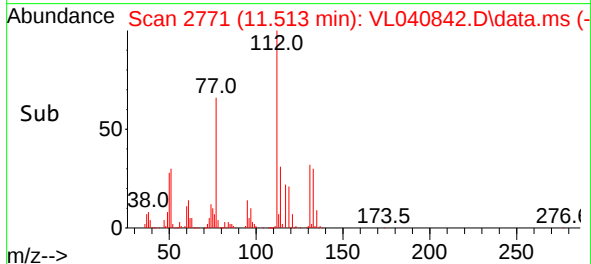
Instrument :
MSVOA_L
ClientSampleId :
ICVVL111323



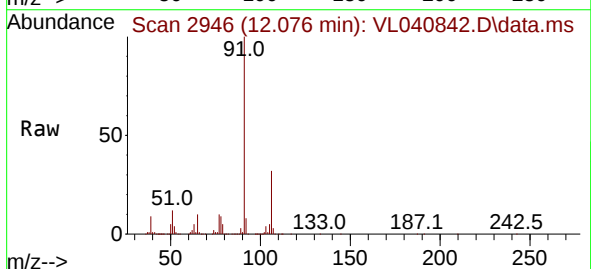
Tgt Ion: 112 Resp: 1999278
Ion Ratio Lower Upper
112 100
77 65.7 53.3 79.9
114 31.0 29.3 35.9

Manual Integrations
APPROVED

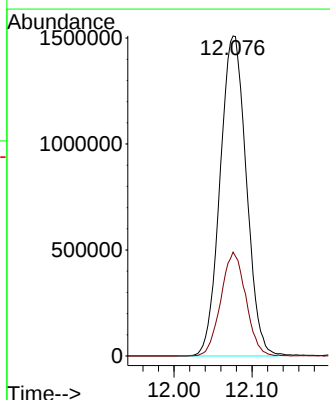
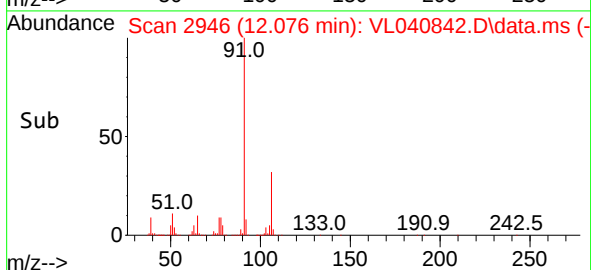
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

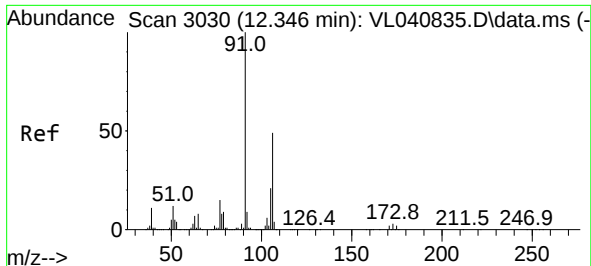


#58
Ethyl Benzene
Concen: 8.896 ppbv
RT: 12.076 min Scan# 2946
Delta R.T. 0.013 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01



Tgt Ion: 91 Resp: 3525229
Ion Ratio Lower Upper
91 100
106 32.5 25.2 37.8





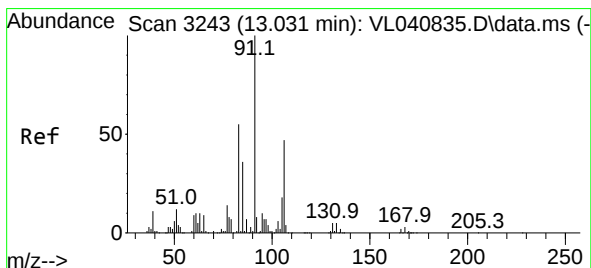
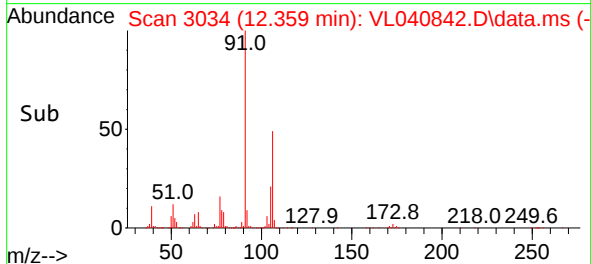
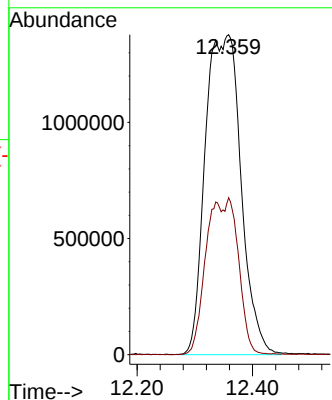
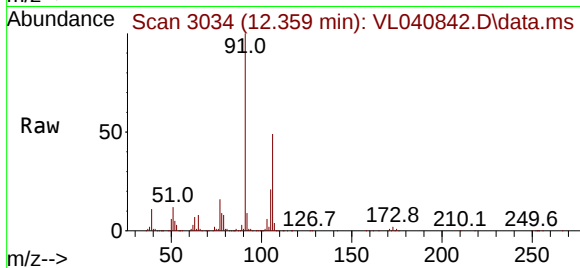
#59
m/p-Xylene
Concen: 17.529 ppbv m
RT: 12.359 min Scan# 3034
Delta R.T. 0.013 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

Instrument :
MSVOA_L
ClientSampleId :
ICVVL111323

Tgt Ion: 91 Resp: 5915189
Ion Ratio Lower Upper
91 100
106 44.3 35.4 53.0

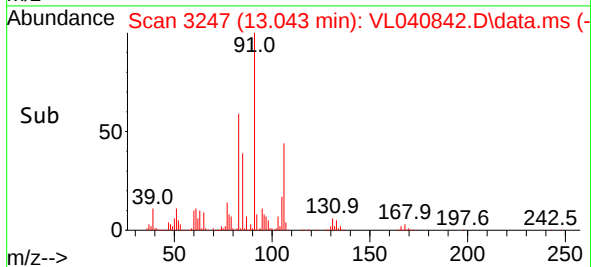
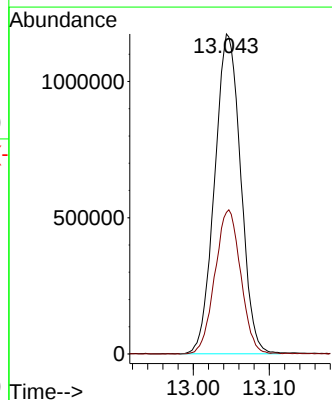
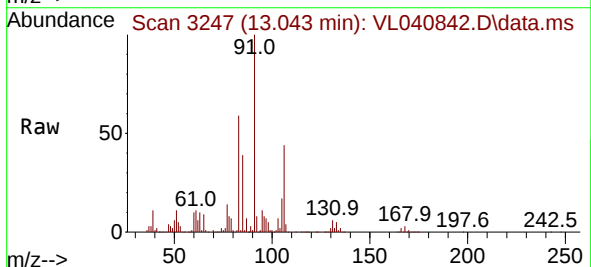
Manual Integrations
APPROVED

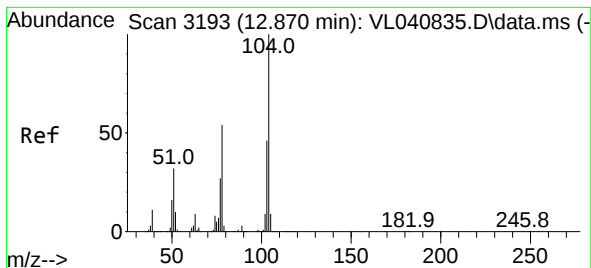
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#60
o-Xylene
Concen: 8.694 ppbv
RT: 13.043 min Scan# 3247
Delta R.T. 0.013 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

Tgt Ion: 91 Resp: 2792834
Ion Ratio Lower Upper
91 100
106 44.9 22.9 68.5





#61

Styrene

Concen: 9.611 ppbv

RT: 12.883 min Scan# 3197

Delta R.T. 0.013 min

Lab File: VL040842.D

Acq: 13 Nov 2023 16:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL111323

Tgt Ion:104 Resp: 148888

Ion Ratio Lower Upper

104 100

78 52.8 43.3 64.9

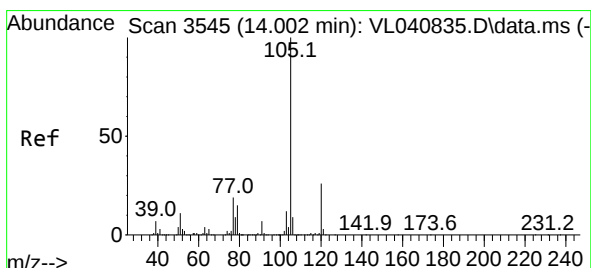
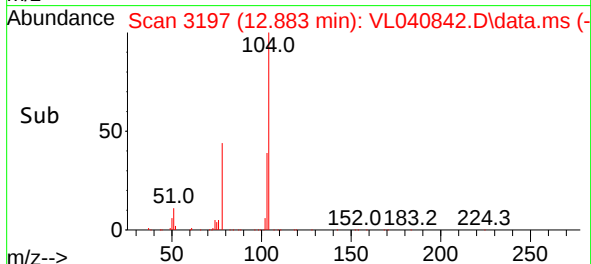
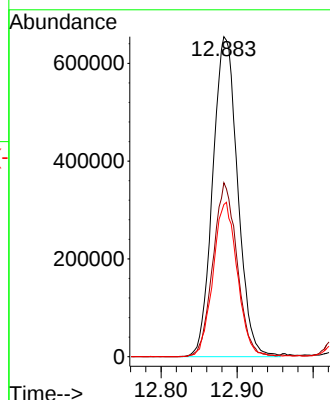
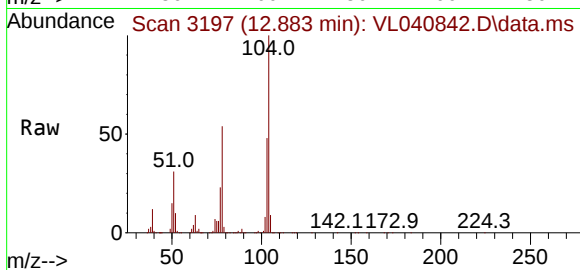
103 47.3 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#62

Isopropylbenzene

Concen: 8.642 ppbv

RT: 14.014 min Scan# 3549

Delta R.T. 0.013 min

Lab File: VL040842.D

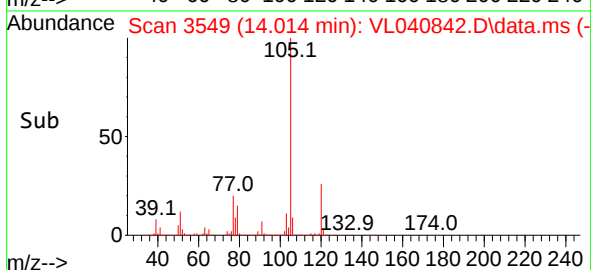
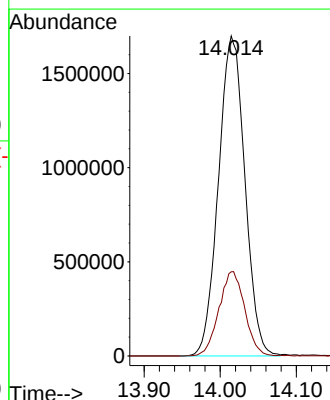
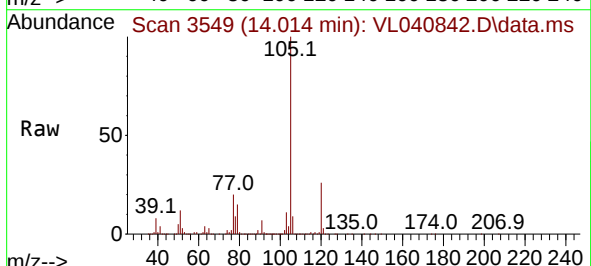
Acq: 13 Nov 2023 16:01

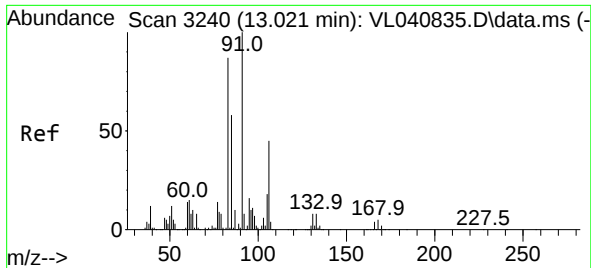
Tgt Ion:105 Resp: 4101396

Ion Ratio Lower Upper

105 100

120 25.8 20.7 31.1





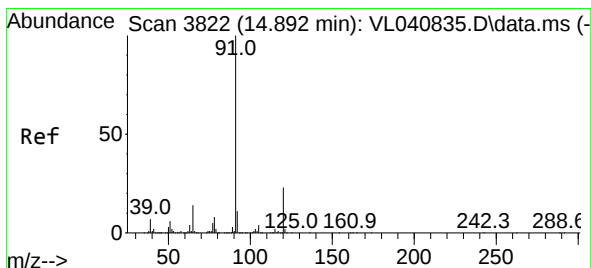
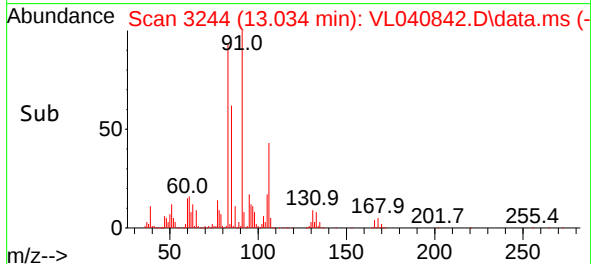
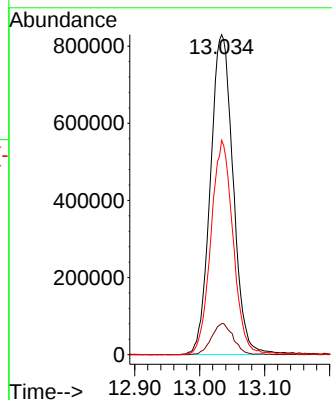
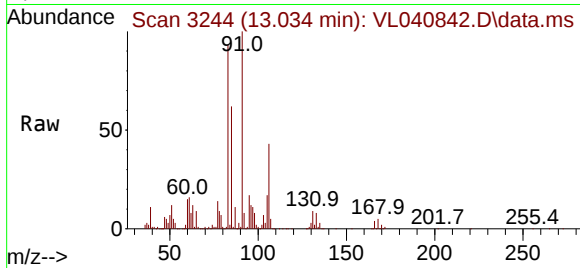
#63
1,1,2,2-Tetrachloroethane
Concen: 8.852 ppbv
RT: 13.034 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

Instrument :
MSVOA_L
ClientSampleId :
ICVVL111323

Tgt Ion: 83 Resp: 201542
Ion Ratio Lower Upper
83 100
131 9.4 4.5 13.7
85 65.9 32.9 98.7

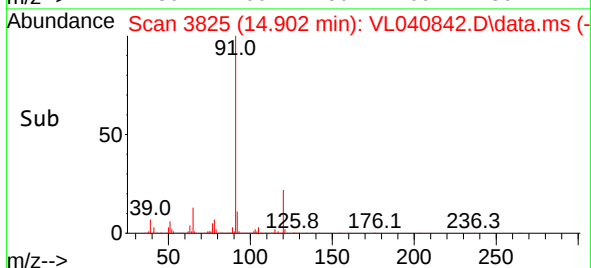
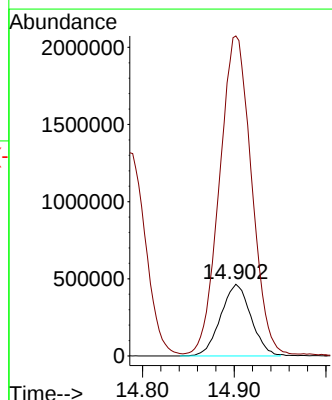
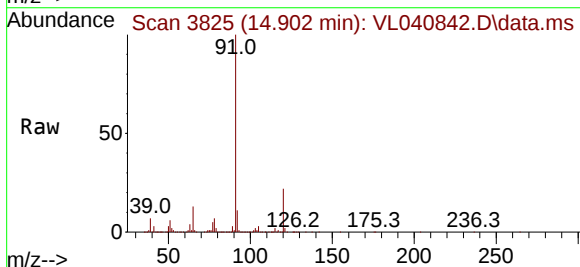
Manual Integrations
APPROVED

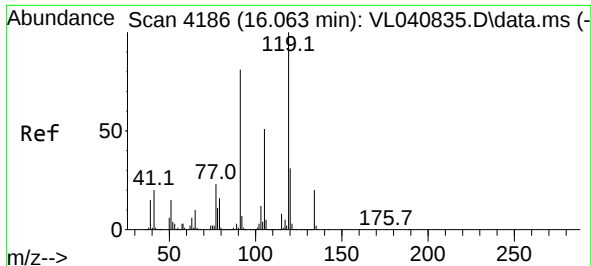
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#64
n-propylbenzene
Concen: 8.945 ppbv
RT: 14.902 min Scan# 3825
Delta R.T. 0.010 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

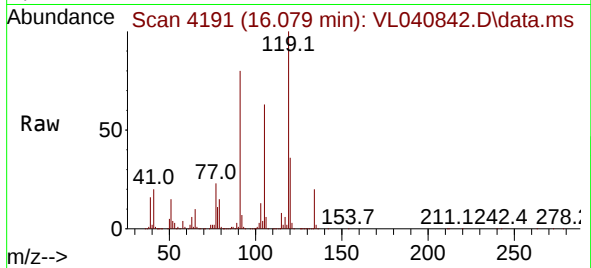
Tgt Ion:120 Resp: 1064028
Ion Ratio Lower Upper
120 100
91 476.5 381.1 571.7





#65
tert-Butylbenzene
Concen: 8.851 ppbv
RT: 16.079 min Scan# 4186
Delta R.T. 0.016 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

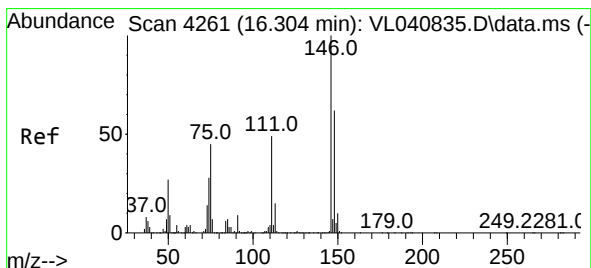
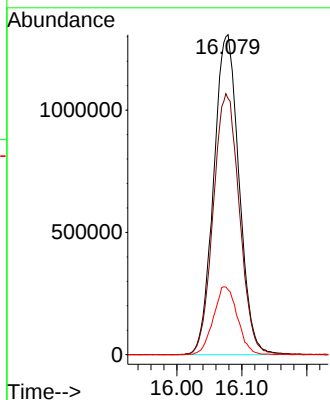
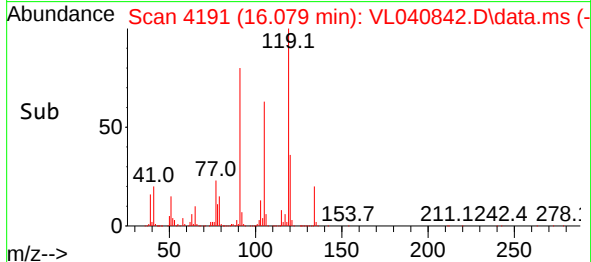
Instrument :
MSVOA_L
ClientSampleId :
ICVVL111323



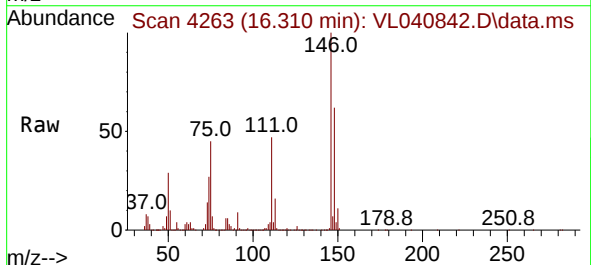
Tgt Ion: 119 Resp: 3541850
Ion Ratio Lower Upper
119 100
91 84.2 67.5 101.3
134 20.2 15.9 23.9

Manual Integrations
APPROVED

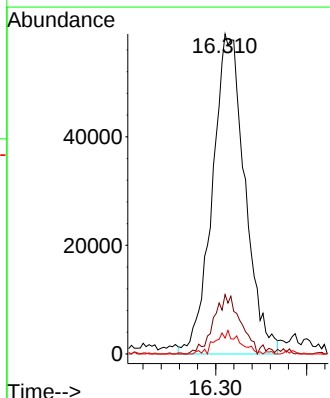
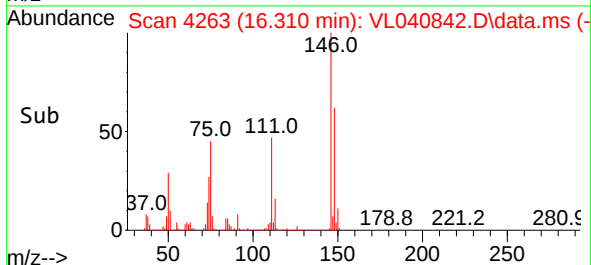
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

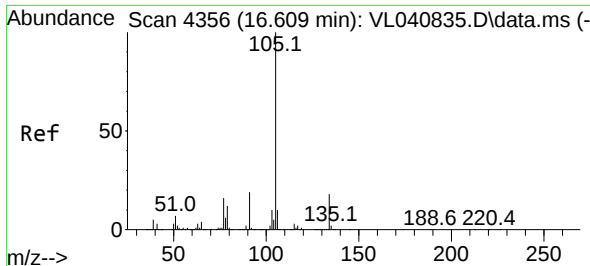


#66
Benzyl Chloride
Concen: 9.910 ppbv m
RT: 16.310 min Scan# 4263
Delta R.T. 0.006 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01



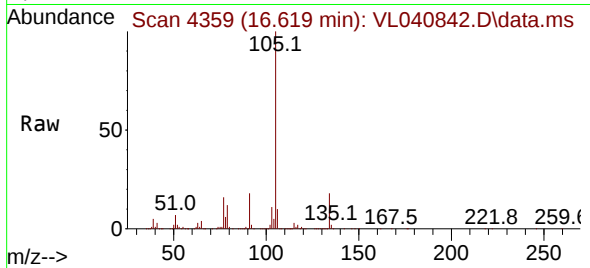
Tgt Ion: 91 Resp: 146125
Ion Ratio Lower Upper
91 100
126 0.0 12.8 19.2#
128 5.8 0.0 0.0#





#67
 sec-Butylbenzene
 Concen: 8.705 ppbv
 RT: 16.619 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL040842.D
 Acq: 13 Nov 2023 16:01

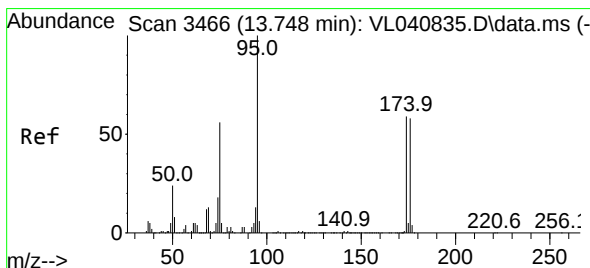
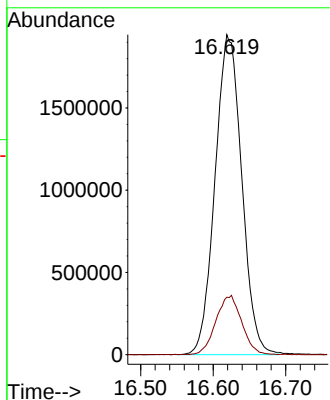
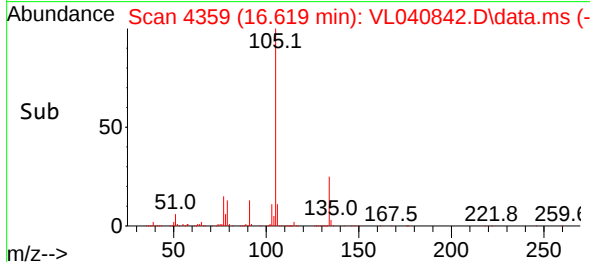
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL111323



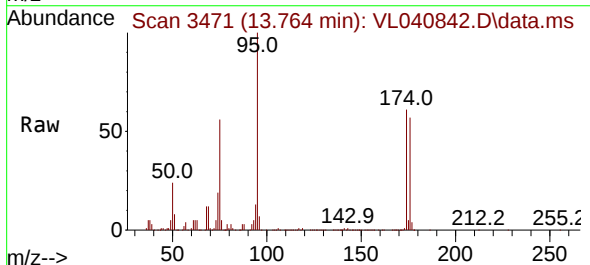
Tgt Ion: 105 Resp: 497625
 Ion Ratio Lower Upper
 105 100
 134 18.0 14.3 21.5

Manual Integrations
 APPROVED

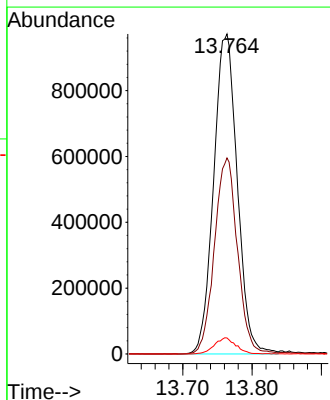
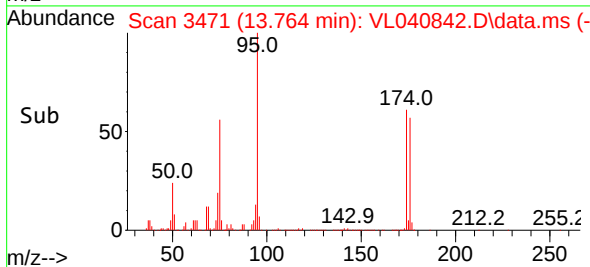
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023

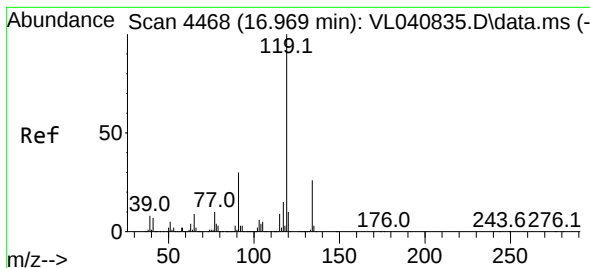


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.690 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. 0.016 min
 Lab File: VL040842.D
 Acq: 13 Nov 2023 16:01



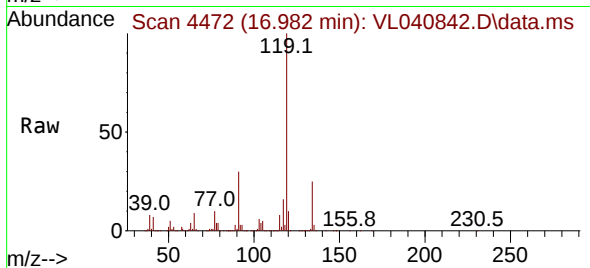
Tgt Ion: 95 Resp: 2304142
 Ion Ratio Lower Upper
 95 100
 174 60.4 47.5 71.3
 175 4.7 3.6 5.4





#69
p-Isopropyltoluene
Concen: 8.869 ppbv
RT: 16.982 min Scan# 4468
Delta R.T. 0.013 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

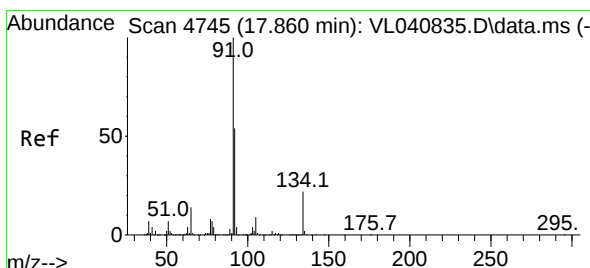
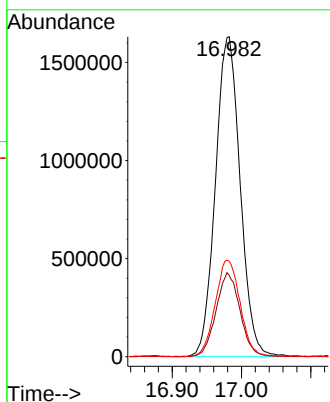
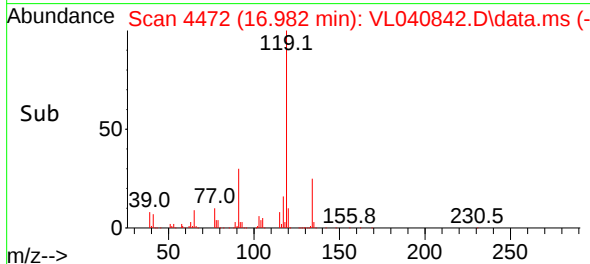
Instrument :
MSVOA_L
ClientSampleId :
ICVVL111323



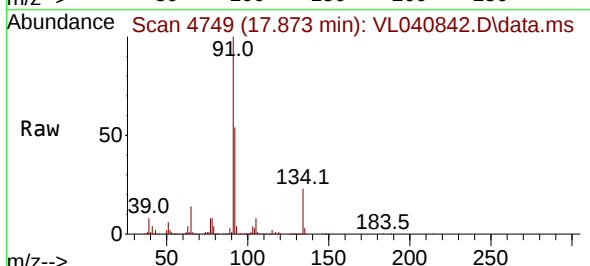
Tgt Ion:119 Resp: 4042810
Ion Ratio Lower Upper
119 100
134 25.5 20.5 30.7
91 30.4 24.7 37.1

Manual Integrations
APPROVED

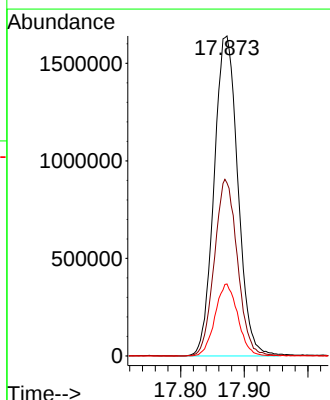
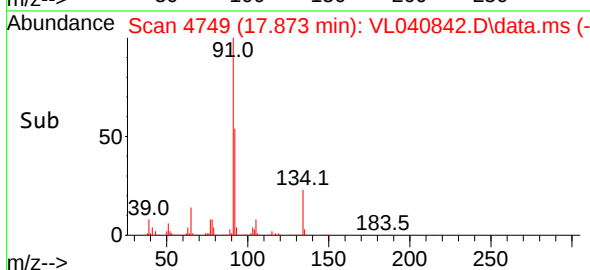
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

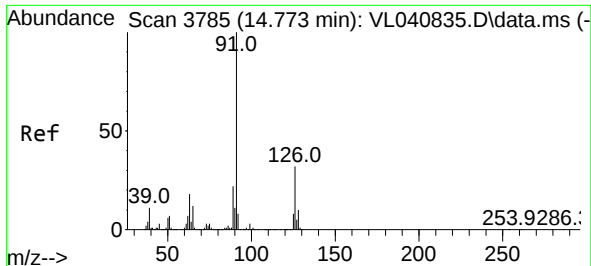


#70
n-Butylbenzene
Concen: 8.841 ppbv
RT: 17.873 min Scan# 4749
Delta R.T. 0.013 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01



Tgt Ion: 91 Resp: 4255355
Ion Ratio Lower Upper
91 100
92 53.9 43.4 65.2
134 21.7 17.4 26.0





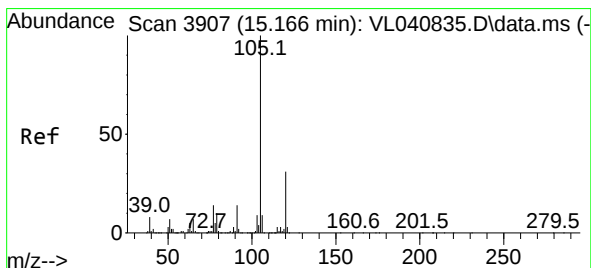
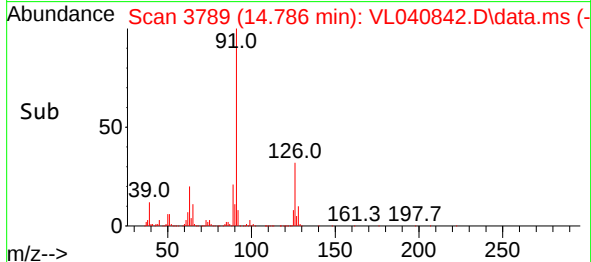
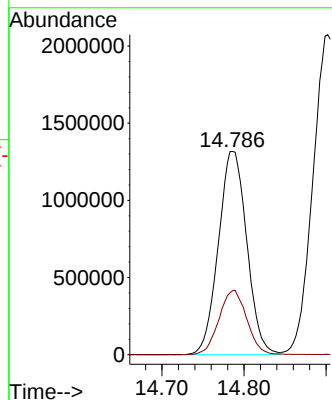
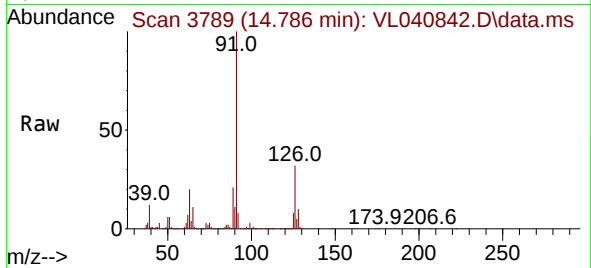
#71
2-Chlorotoluene
Concen: 8.772 ppbv
RT: 14.786 min Scan# 317356
Delta R.T. 0.013 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

Instrument :
MSVOA_L
ClientSampleId :
ICVVL111323

Tgt Ion: 91 Resp: 317356
Ion Ratio Lower Upper
91 100
126 31.1 12.1 48.5

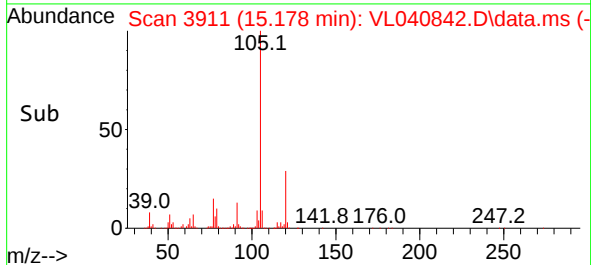
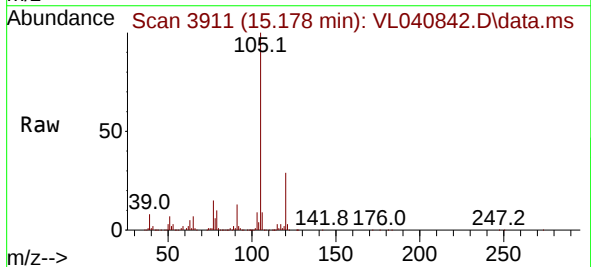
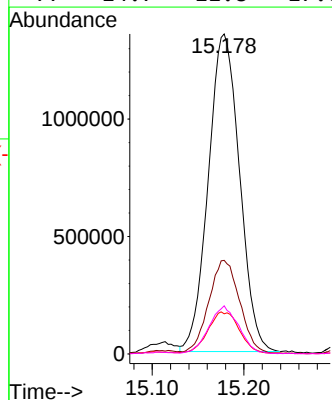
Manual Integrations
APPROVED

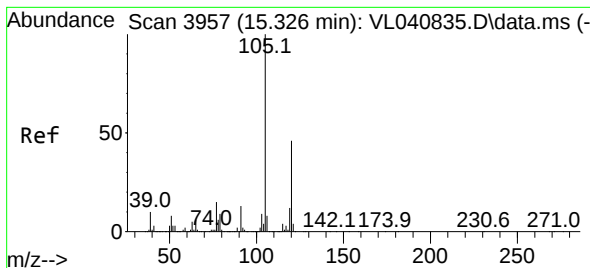
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#72
4-Ethyltoluene
Concen: 9.069 ppbv
RT: 15.178 min Scan# 3911
Delta R.T. 0.013 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

Tgt Ion:105 Resp: 3202689
Ion Ratio Lower Upper
105 100
120 30.7 24.5 36.7
91 13.4 10.6 16.0
77 14.7 11.8 17.6





#73

1,3,5-Trimethylbenzene

Concen: 8.896 ppbv

RT: 15.333 min Scan# 3959

Delta R.T. 0.006 min

Lab File: VL040842.D

Acq: 13 Nov 2023 16:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL111323

Tgt Ion:105 Resp: 2778200

Ion Ratio Lower Upper

105 100

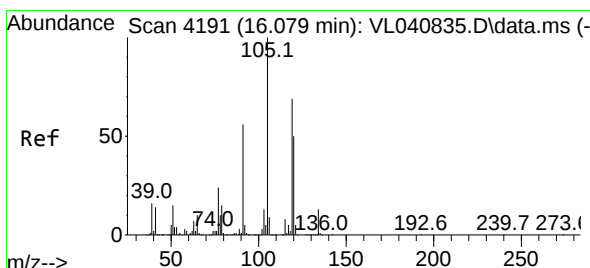
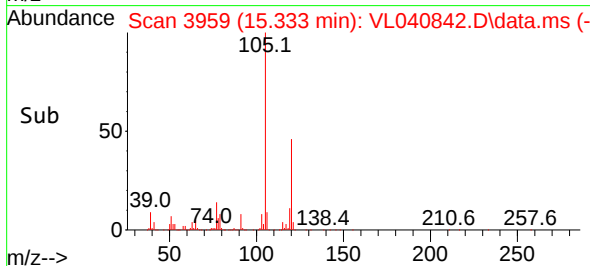
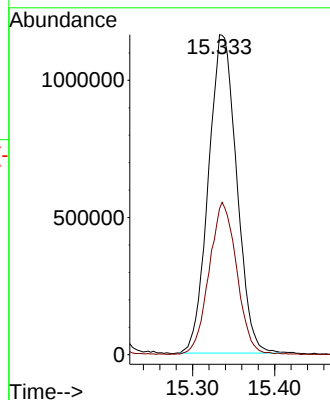
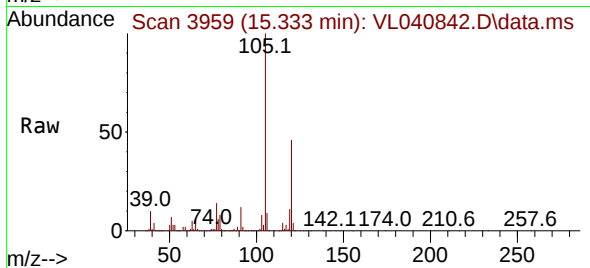
120 45.7 36.8 55.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#74

1,2,4-Trimethylbenzene

Concen: 8.630 ppbv

RT: 16.092 min Scan# 4195

Delta R.T. 0.013 min

Lab File: VL040842.D

Acq: 13 Nov 2023 16:01

Tgt Ion:105 Resp: 3007923

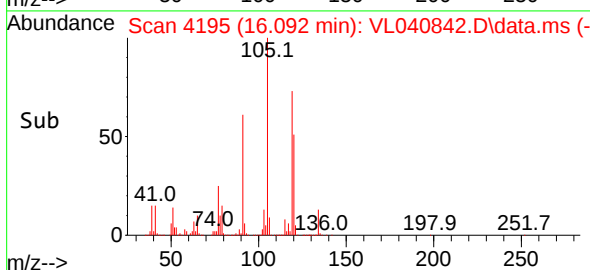
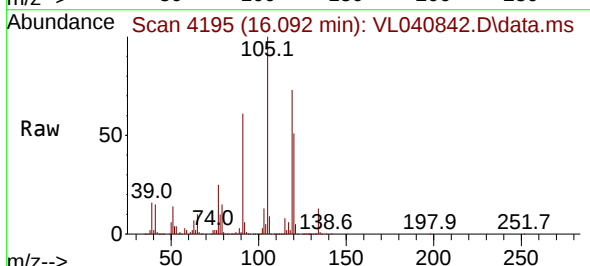
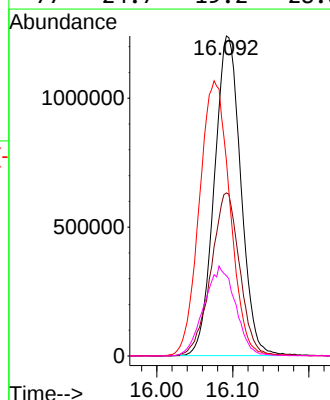
Ion Ratio Lower Upper

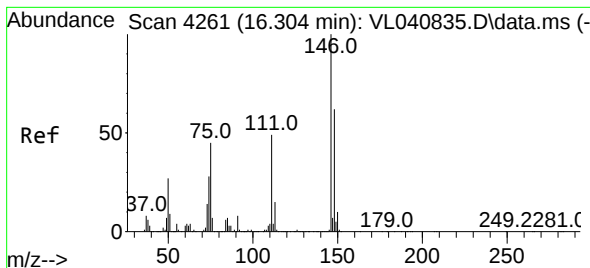
105 100

120 50.8 40.2 60.2

91 60.7 45.7 68.5

77 24.7 19.2 28.8





#75

1,3-Dichlorobenzene

Concen: 8.882 ppbv

RT: 16.317 min Scan# 41

Delta R.T. 0.013 min

Lab File: VL040842.D

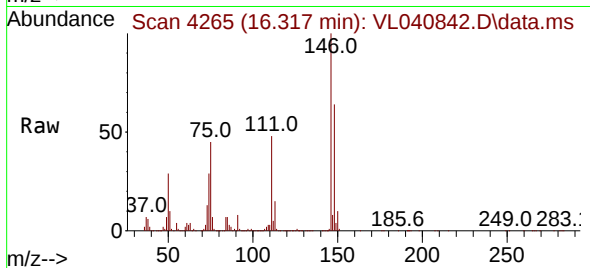
Acq: 13 Nov 2023 16:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL111323



Tgt Ion:146 Resp: 170924

Ion Ratio Lower Upper

146 100

111 49.5 24.9 74.8

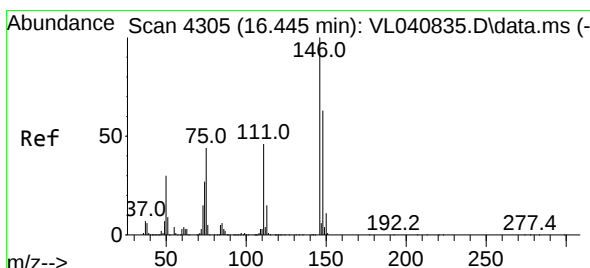
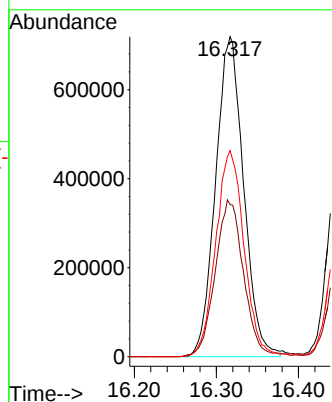
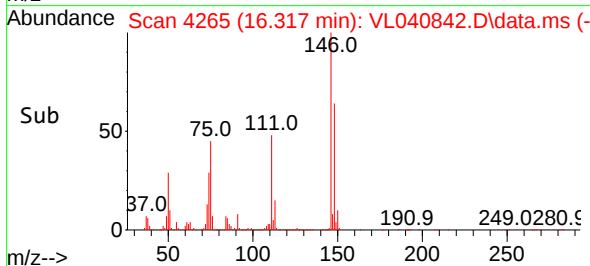
148 65.3 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#76

1,4-Dichlorobenzene

Concen: 9.086 ppbv

RT: 16.458 min Scan# 4309

Delta R.T. 0.013 min

Lab File: VL040842.D

Acq: 13 Nov 2023 16:01

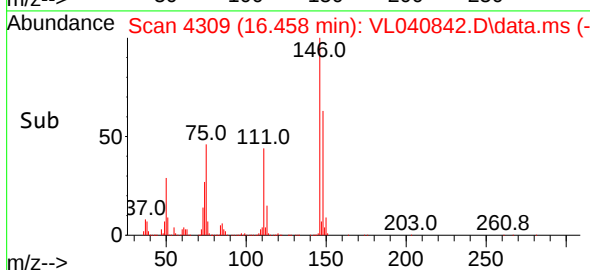
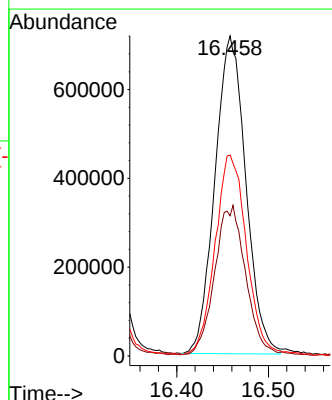
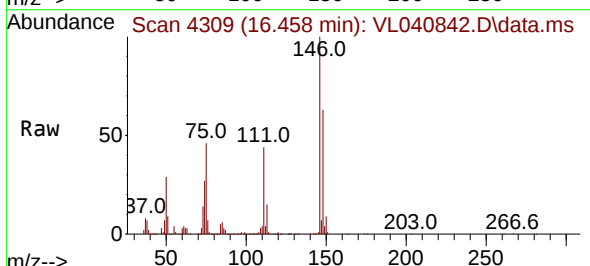
Tgt Ion:146 Resp: 1673996

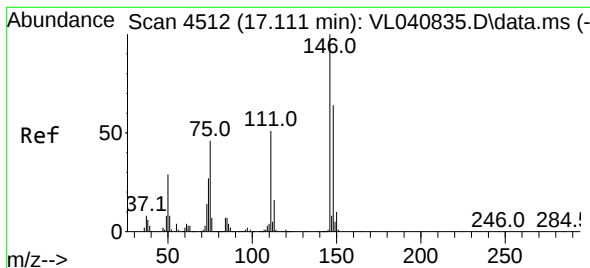
Ion Ratio Lower Upper

146 100

111 48.1 24.1 72.4

148 65.3 32.3 96.9





#77

1,2-Dichlorobenzene

Concen: 8.873 ppbv

RT: 17.127 min Scan# 4517

Delta R.T. 0.016 min

Lab File: VL040842.D

Acq: 13 Nov 2023 16:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL111323

Tgt Ion:146 Resp: 166037

Ion Ratio Lower Upper

146 100

111 50.6 25.7 77.1

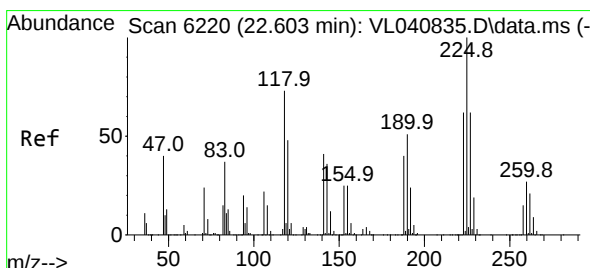
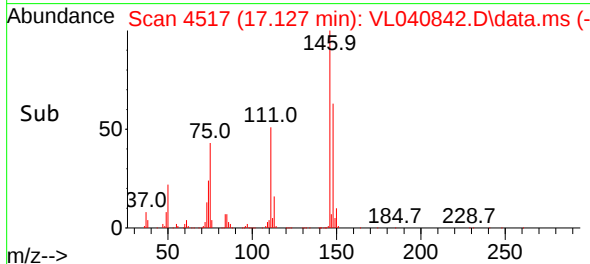
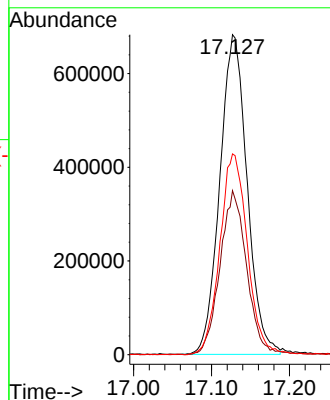
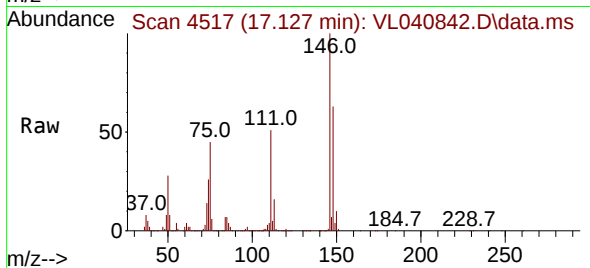
148 63.5 32.3 96.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#78

Hexachloro-1,3-Butadiene

Concen: 8.074 ppbv

RT: 22.615 min Scan# 6224

Delta R.T. 0.013 min

Lab File: VL040842.D

Acq: 13 Nov 2023 16:01

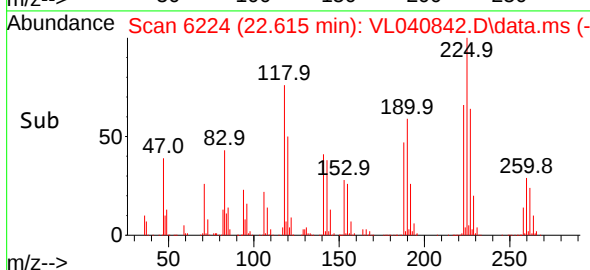
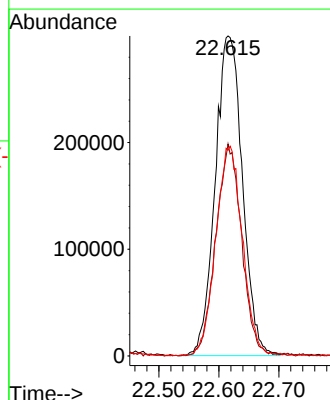
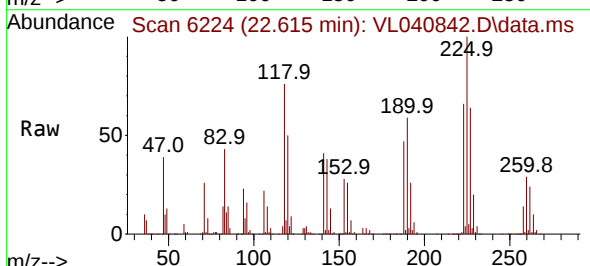
Tgt Ion:225 Resp: 945952

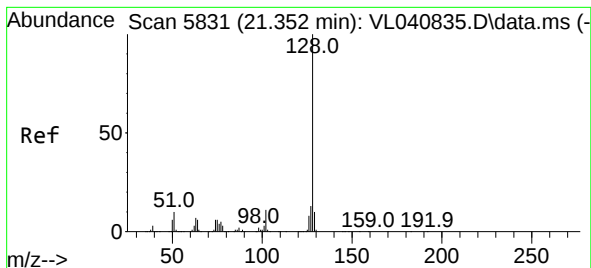
Ion Ratio Lower Upper

225 100

223 62.7 51.1 76.7

227 64.0 50.8 76.2





#79

Naphthalene

Concen: 11.813 ppbv

RT: 21.371 min Scan# 5837

Delta R.T. 0.019 min

Lab File: VL040842.D

Acq: 13 Nov 2023 16:01

Instrument :

MSVOA_L

ClientSampleId :

ICVVL111323

Tgt Ion:128 Resp: 211612

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

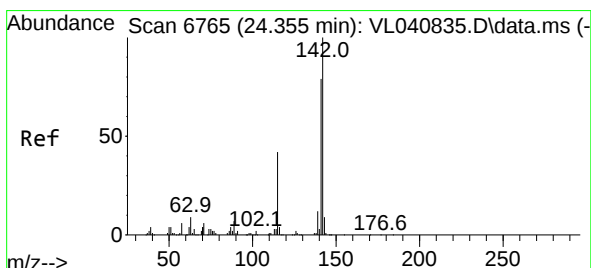
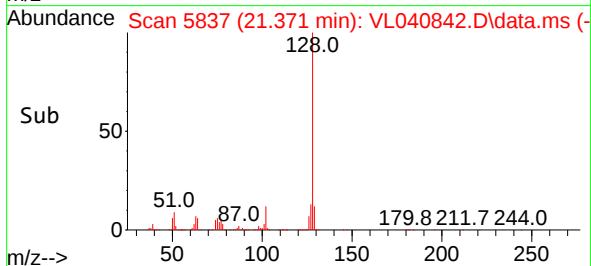
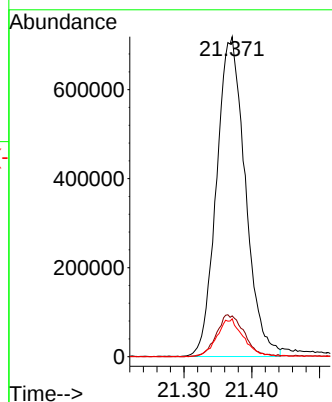
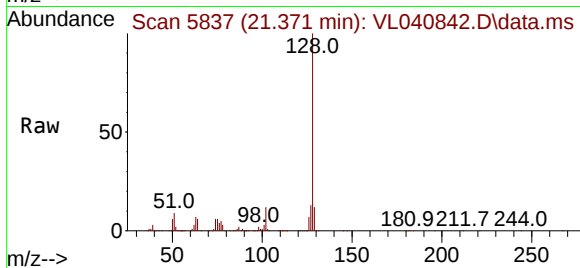
129 11.9 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#80

Naphthalene,2-methyl-

Concen: 14.443 ppbv

RT: 24.365 min Scan# 6768

Delta R.T. 0.010 min

Lab File: VL040842.D

Acq: 13 Nov 2023 16:01

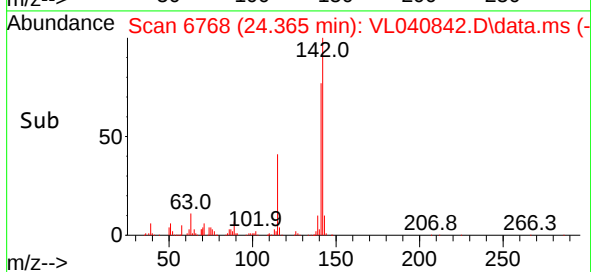
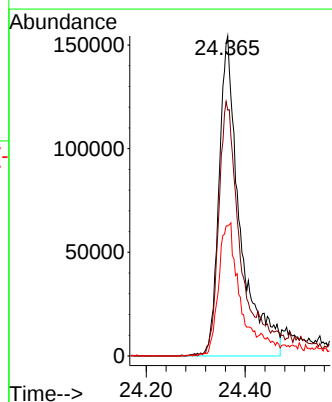
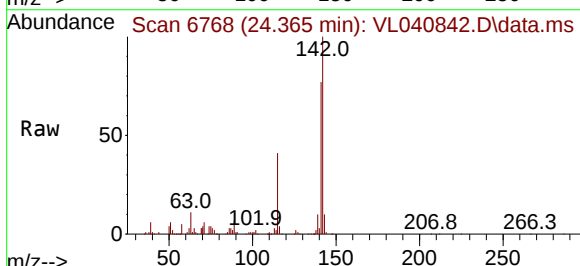
Tgt Ion:142 Resp: 456712

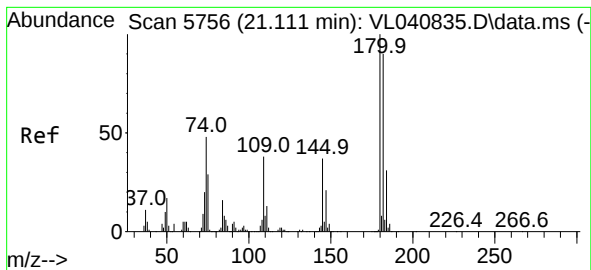
Ion Ratio Lower Upper

142 100

141 84.8 65.8 98.8

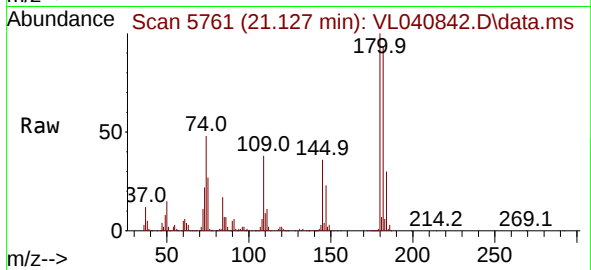
115 45.1 35.6 53.4





#81
1,2,4-Trichlorobenzene
Concen: 9.904 ppbv
RT: 21.127 min Scan# 51
Delta R.T. 0.016 min
Lab File: VL040842.D
Acq: 13 Nov 2023 16:01

Instrument :
MSVOA_L
ClientSampleId :
ICVVL111323



Tgt Ion:180 Resp: 1078580
Ion Ratio Lower Upper
180 100
182 96.5 77.6 116.4
184 30.0 24.2 36.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

