

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041727.D
 Acq On : 11 Dec 2024 18:57
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL121124

Quant Time: Dec 12 13:39:20 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M

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

QLast Update : Thu Dec 12 13:35:39 2024

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Mahesh Dadoda 12/13/2024
 Supervised By : Semsettin Yesilyurt 12/13/2024

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

Internal Standards						
1) Bromochloromethane	2.797	49	272024	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	1347169	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.901	117	1204241	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.393 95 794892 10.041 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	580533	12.159	ppbv	99
3) Chlorodifluoromethane	1.479	51	328280	8.865	ppbv	99
4) Chloromethane	1.538	50	159581	12.594	ppbv	99
5) Vinyl Chloride	1.586	62	194158	12.511	ppbv	97
6) Bromomethane	1.674	94	110979	10.904	ppbv	99
7) Chloroethane	1.709	64	82299	12.190	ppbv	99
8) Dichlorotetrafluoroethane	1.560	85	537607	13.809	ppbv	95
9) Propene	1.486	41	145841	9.236	ppbv	99
10) Heptane	5.001	43	407804	9.342	ppbv	100
11) Trichlorofluoromethane	1.884	101	642761	11.691	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.149	101	556788	11.248	ppbv	97
13) Ethanol	1.725	45	5011	3.837	ppbv	96
14) Bromoethene	1.787	108	229537	12.651	ppbv	99
15) Acetone	1.839	43	275200	8.762	ppbv	95
16) 1,3-Butadiene	1.615	39	120175	11.407	ppbv	94
17) tert-Butyl alcohol	2.042	59	488806	10.735	ppbv	99
18) 1,1-Dichloroethene	2.042	96	257184	11.435	ppbv	92
19) Isopropyl Alcohol	1.887	45	193799	6.496	ppbv	94
20) Methylene Chloride	2.068	84	200509	10.540	ppbv	99
21) Allyl Chloride	2.104	41	198650	11.233	ppbv	96
22) trans-1,2-Dichloroethene	2.350	96	291191	11.151	ppbv	97
23) Vinyl Acetate	2.470	43	220673	11.603	ppbv	99
24) 1,1-Dichloroethane	2.418	63	400176	11.315	ppbv	99
25) Ethyl Acetate	5.001	43	407804	9.342	ppbv #	100
26) Hexane	2.839	57	394893	9.328	ppbv	95
27) Carbon Disulfide	2.159	76	521169	11.957	ppbv	100
28) Methyl tert-Butyl Ether	2.447	73	333274	10.488	ppbv	100
29) Chloroform	2.858	83	597509	9.220	ppbv	98
30) Cyclohexane	3.874	84	448344	9.430	ppbv	99
31) cis-1,2-Dichloroethene	2.732	61	363027	9.257	ppbv	99
32) 1,1,1-Trichloroethane	3.382	97	601597	9.439	ppbv	100
34) 2-Butanone	2.560	43	411778	8.730	ppbv	99
35) Carbon Tetrachloride	3.781	117	628372	10.015	ppbv	100
36) Benzene	3.671	78	979553	9.248	ppbv	99
37) 1,2-Dichloroethane	3.230	62	354647	9.269	ppbv	100
38) Trichloroethene	4.567	130	707606	12.882	ppbv	99
39) 1,2-Dichloropropane	4.334	63	319154	9.456	ppbv	98
40) 1,4-Dioxane	4.603	88	192695	9.462	ppbv #	98
41) Tetrahydrofuran	3.062	42	267844	9.423	ppbv	100
42) Bromodichloromethane	4.509	83	616763	9.984	ppbv	98
43) Methyl Methacrylate	4.900	69	359920	9.434	ppbv	100
44) 2,2,4-Trimethylpentane	4.661	57	1362393	9.240	ppbv	100
45) t-1,3-Dichloropropene	6.441	75	299658	8.050	ppbv	94

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Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024

Quant Time: Dec 12 13:39:20 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M

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

QLast Update : Thu Dec 12 13:35:39 2024

Response via : Initial Calibration

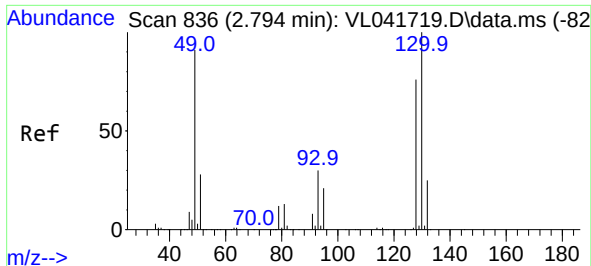
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.625	75	433661	8.777	ppbv	99
47) 1,1,2-Trichloroethane	6.606	97	412595	9.181	ppbv	99
48) Dibromochloromethane	7.409	129	645357	9.966	ppbv	100
49) Bromoform	9.503	173	618536	9.984	ppbv	100
50) 4-Methyl-2-Pentanone	5.774	43	636683	9.411	ppbv	100
51) 2-Hexanone	7.457	43	501628	9.015	ppbv #	100
52) Tetrachloroethene	8.244	164	498257	8.879	ppbv	99
53) Toluene	6.956	91	1196640	9.193	ppbv	100
54) 1,2-Dibromoethane	7.674	107	558361	9.089	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.946	131	523722	9.354	ppbv	99
57) Chlorobenzene	8.943	112	993543	9.067	ppbv	99
58) Ethyl Benzene	9.373	91	1481316	9.192	ppbv	100
59) m/p-Xylene	9.571	91	2242398m	18.157	ppbv	
60) o-Xylene	9.982	91	1129220	9.223	ppbv	99
61) Styrene	9.888	104	642908	9.513	ppbv	99
62) Isopropylbenzene	10.558	105	1797524	8.899	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.982	83	410264	5.179	ppbv	100
64) n-propylbenzene	11.005	120	537948	9.046	ppbv	99
65) tert-Butylbenzene	11.548	119	1712958	8.946	ppbv	100
66) Benzyl Chloride	10.917	91	1214041	8.842	ppbv	99
67) sec-Butylbenzene	11.785	105	2177949	8.788	ppbv	100
69) p-Isopropyltoluene	11.943	119	1919196	8.978	ppbv	99
70) n-Butylbenzene	12.299	91	1617908	9.120	ppbv	100
71) 2-Chlorotoluene	10.917	91	1214041	8.842	ppbv	99
72) 4-Ethyltoluene	11.144	105	1465645	9.270	ppbv	99
73) 1,3,5-Trimethylbenzene	11.222	105	1205117	9.422	ppbv	98
74) 1,2,4-Trimethylbenzene	11.555	105	1318865	9.485	ppbv	99
75) 1,3-Dichlorobenzene	11.626	146	979618	8.816	ppbv	100
76) 1,4-Dichlorobenzene	11.688	146	973358	8.869	ppbv	100
77) 1,2-Dichlorobenzene	11.963	146	928133	8.821	ppbv	100
78) Hexachloro-1,3-Butadiene	13.898	225	812858	9.399	ppbv	100
79) Naphthalene	13.529	128	1314699	11.046	ppbv	100
80) Naphthalene,2-methyl-	14.478	142	1005562	23.353	ppbv	100
81) 1,2,4-Trichlorobenzene	13.458	180	798796	10.660	ppbv	99

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

Manual Integrations

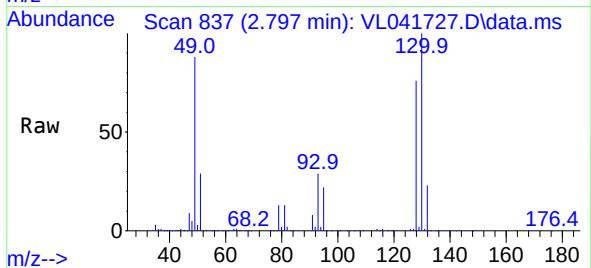
Quant Time: Dec 12 13:39:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Dec 12 13:35:39 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

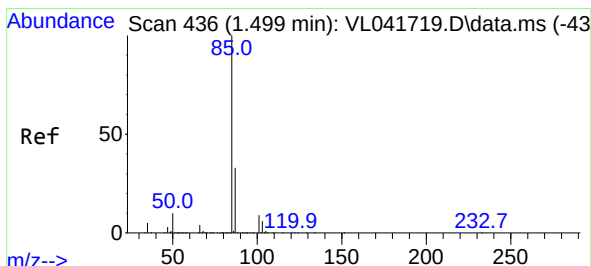
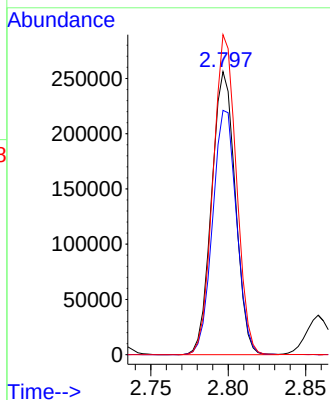
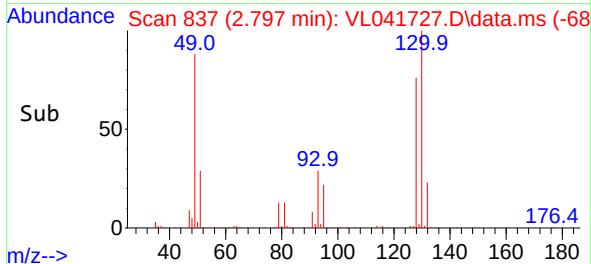
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121124



Tgt Ion: 49 Resp: 272024
Ion Ratio Lower Upper
49 100
128 87.4 42.8 128.3
130 111.3 55.8 167.4

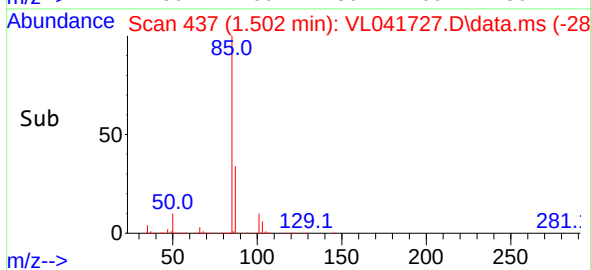
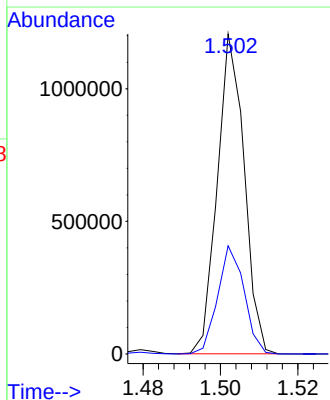
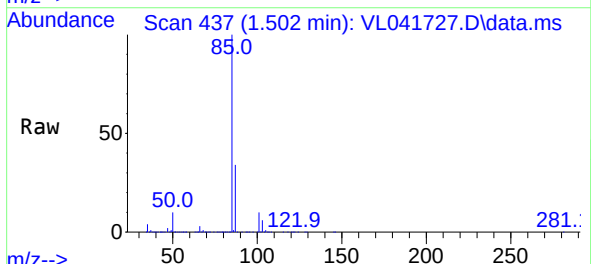
Manual Integrations
APPROVED

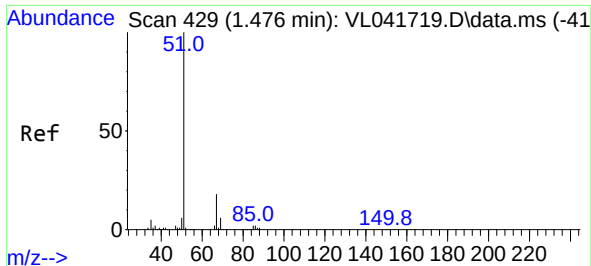
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#2
Dichlorodifluoromethane
Concen: 12.159 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

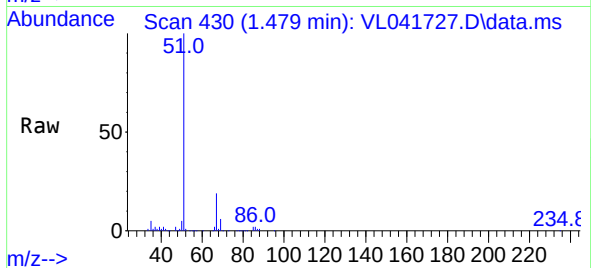
Tgt Ion: 85 Resp: 580533
Ion Ratio Lower Upper
85 100
87 33.8 26.6 39.8





#3
Chlorodifluoromethane
Concen: 8.865 ppbv
RT: 1.479 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

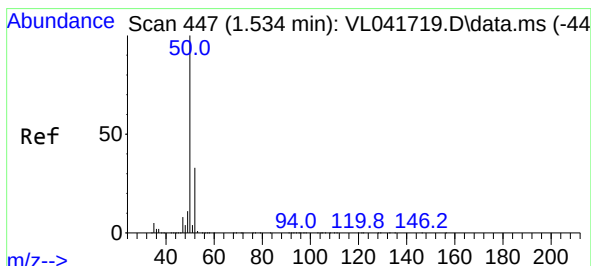
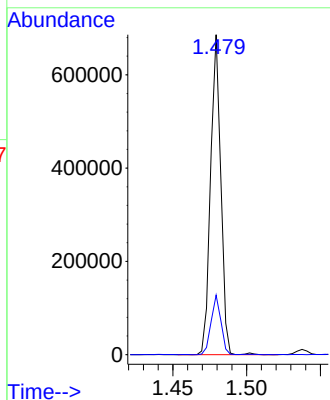
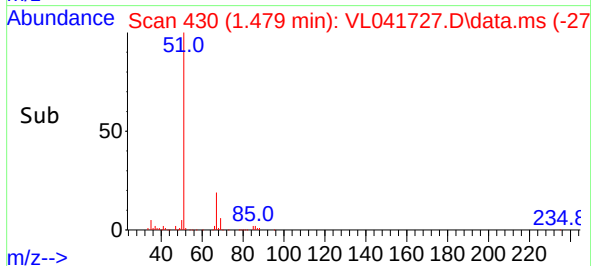
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121124



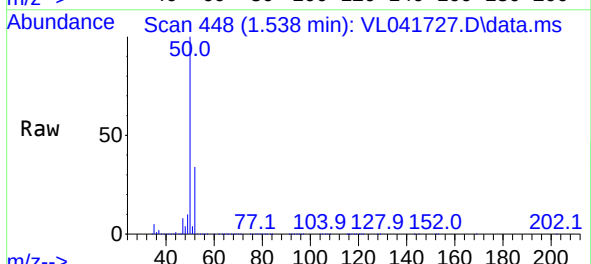
Tgt Ion: 51 Resp: 328280
Ion Ratio Lower Upper
51 100
67 18.5 14.6 21.8

Manual Integrations
APPROVED

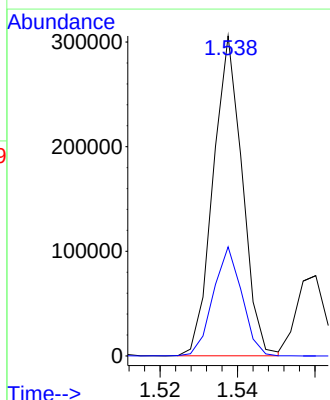
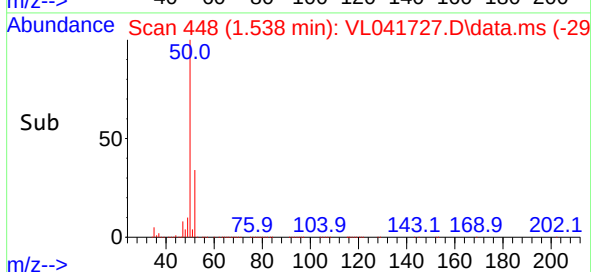
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

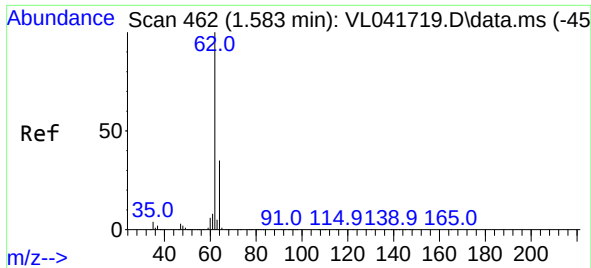


#4
Chloromethane
Concen: 12.594 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57



Tgt Ion: 50 Resp: 159581
Ion Ratio Lower Upper
50 100
52 34.1 26.6 40.0





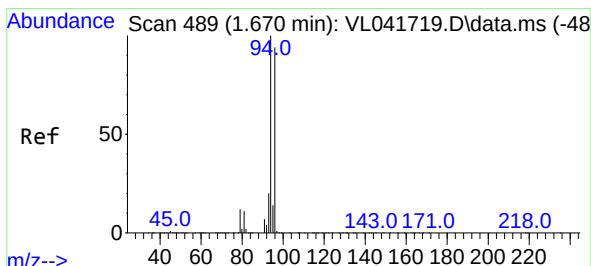
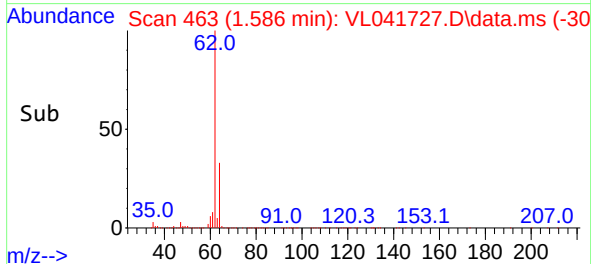
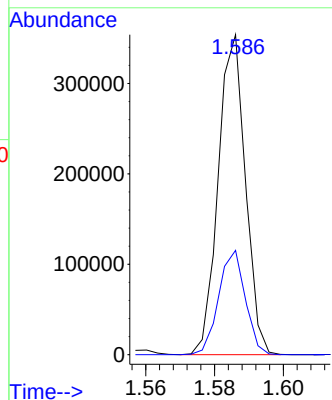
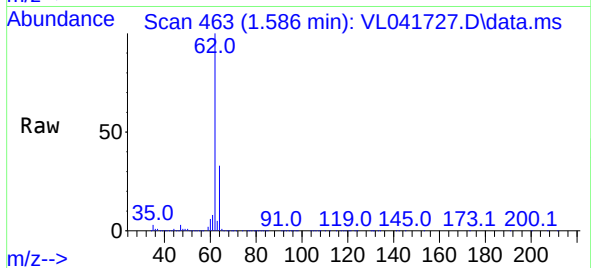
#5
 Vinyl Chloride
 Concen: 12.511 ppbv
 RT: 1.586 min Scan# 40
 Delta R.T. 0.003 min
 Lab File: VL041727.D
 Acq: 11 Dec 2024 18:57

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL121124

Tgt Ion: 62 Resp: 194158
 Ion Ratio Lower Upper
 62 100
 64 32.6 27.6 41.4

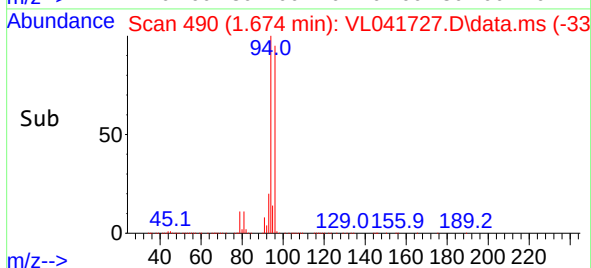
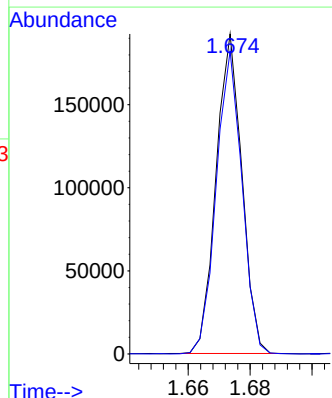
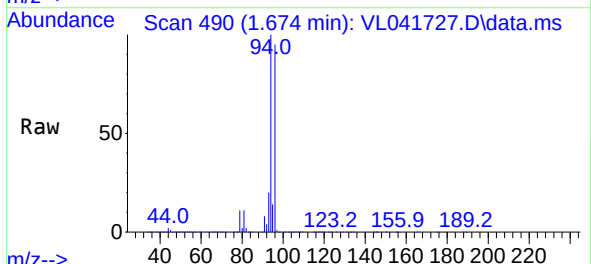
Manual Integrations
 APPROVED

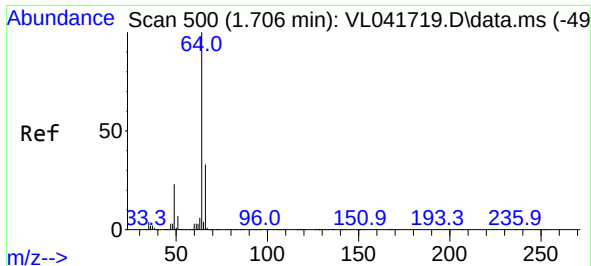
Reviewed By :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024



#6
 Bromomethane
 Concen: 10.904 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. 0.003 min
 Lab File: VL041727.D
 Acq: 11 Dec 2024 18:57

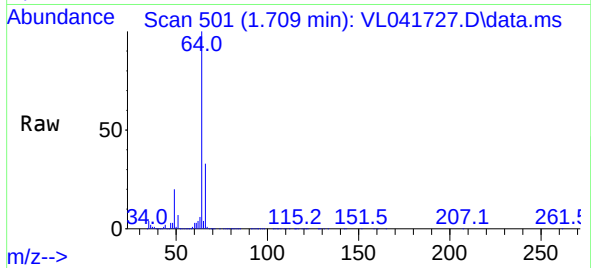
Tgt Ion: 94 Resp: 110979
 Ion Ratio Lower Upper
 94 100
 96 94.8 75.4 113.0





#7
Chloroethane
Concen: 12.190 ppbv
RT: 1.709 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

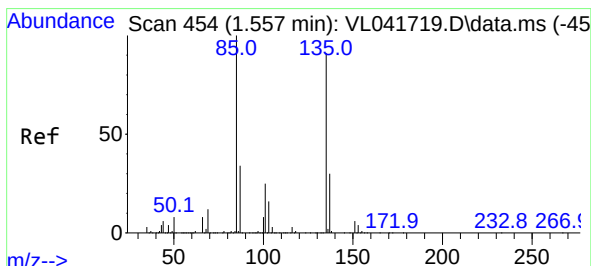
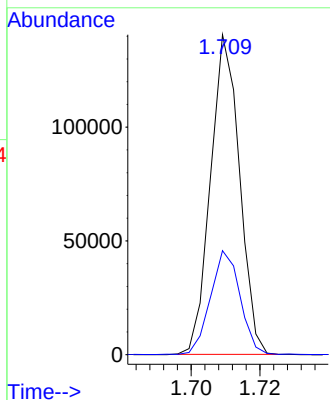
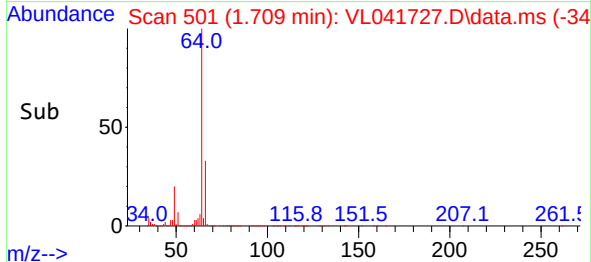
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121124



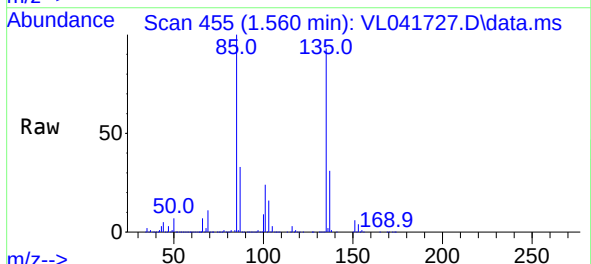
Tgt Ion: 64 Resp: 82295
Ion Ratio Lower Upper
64 100
66 32.5 26.5 39.7

Manual Integrations
APPROVED

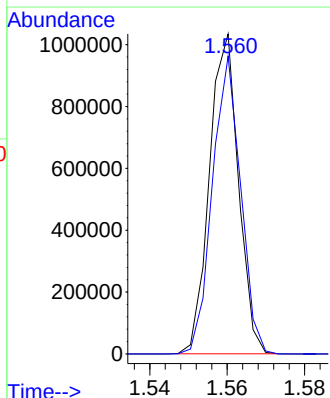
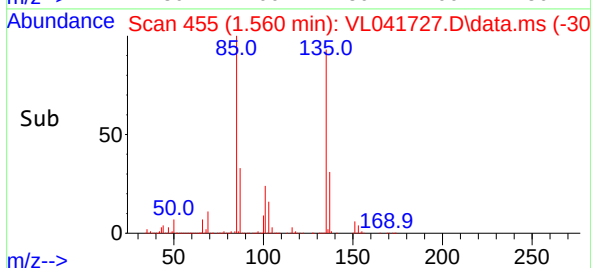
Reviewed By :Mahesh Dadoda 12/13/2024
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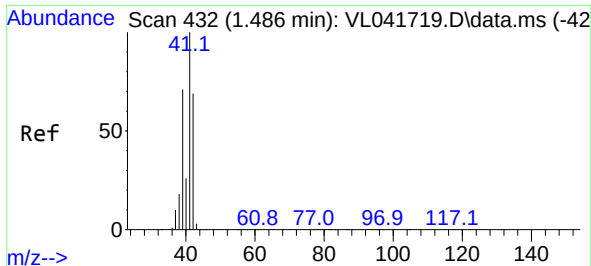


#8
Dichlorotetrafluoroethane
Concen: 13.809 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57



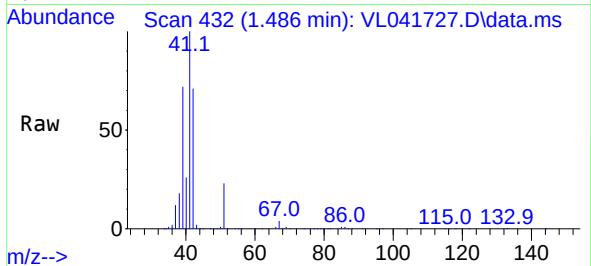
Tgt Ion: 85 Resp: 537607
Ion Ratio Lower Upper
85 100
135 90.6 69.0 103.6





#9
Propene
Concen: 9.236 ppbv
RT: 1.486 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

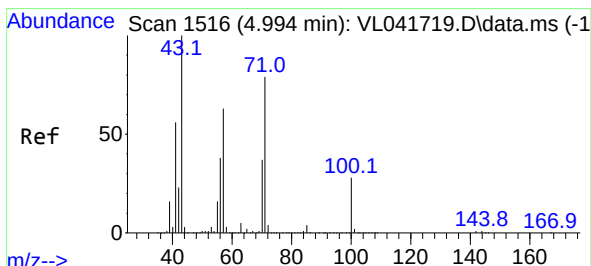
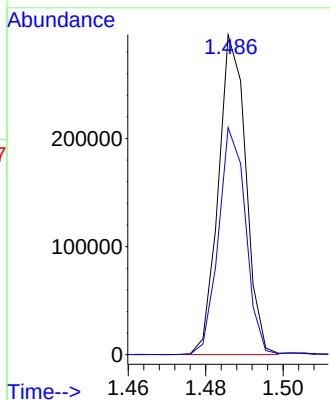
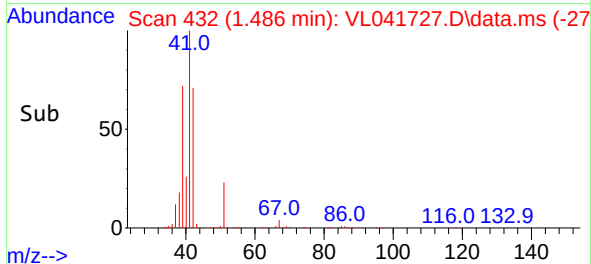
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121124



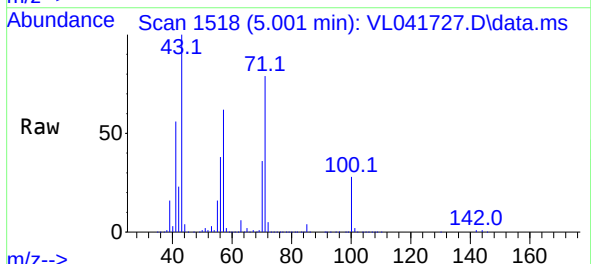
Tgt Ion: 41 Resp: 14584
Ion Ratio Lower Upper
41 100
42 70.9 56.2 84.4

Manual Integrations
APPROVED

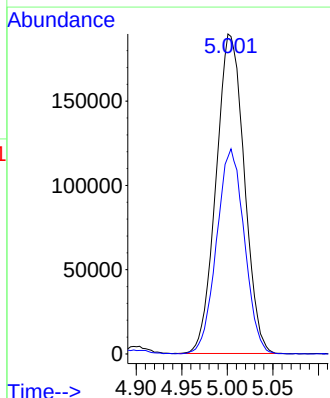
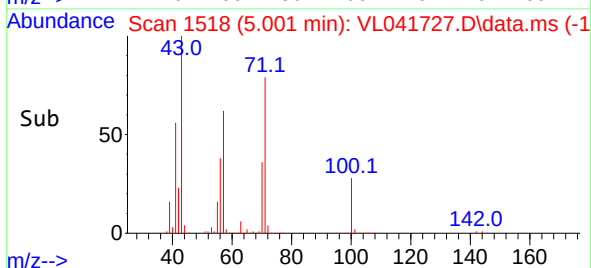
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Supervised By :Semsettin Yesilyurt 12/13/2024

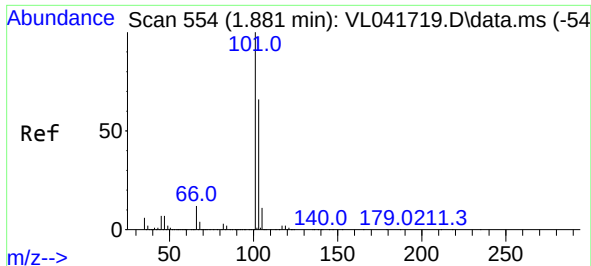


#10
Heptane
Concen: 9.342 ppbv
RT: 5.001 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57



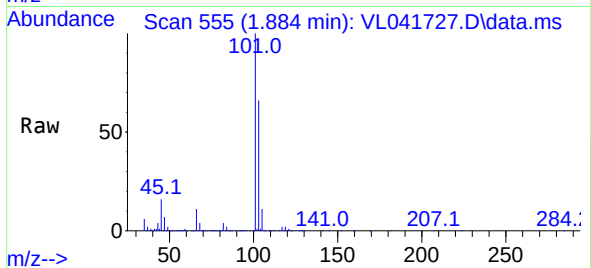
Tgt Ion: 43 Resp: 407804
Ion Ratio Lower Upper
43 100
57 63.3 50.5 75.7





#11
Trichlorofluoromethane
Concen: 11.691 ppbv
RT: 1.884 min Scan# 511
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

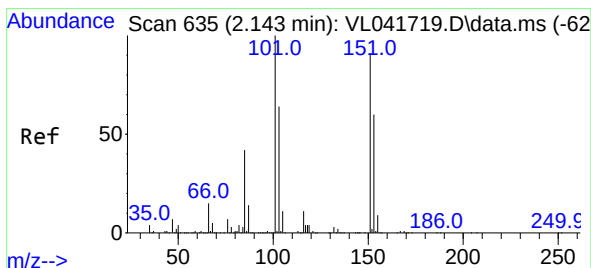
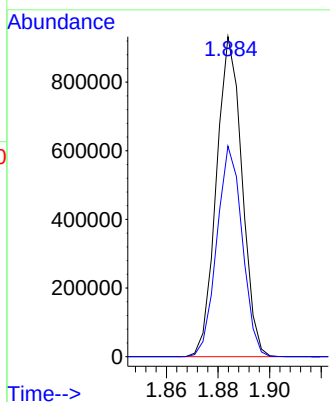
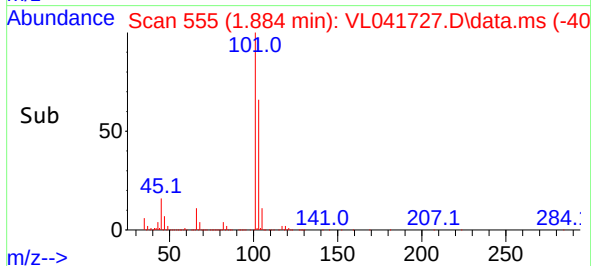
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121124



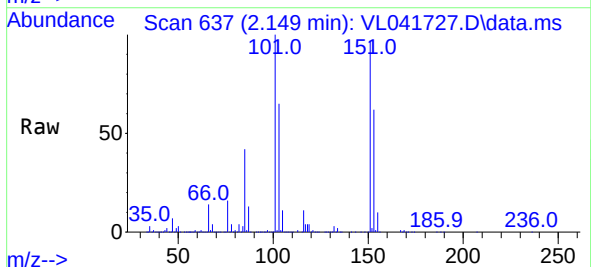
Tgt Ion:101 Resp: 642763
Ion Ratio Lower Upper
101 100
103 65.8 52.7 79.1

Manual Integrations
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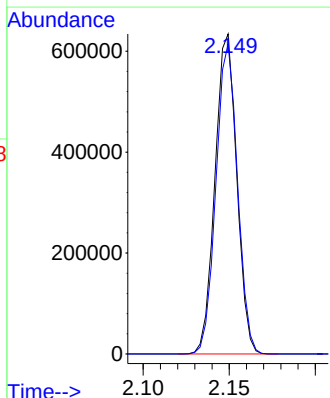
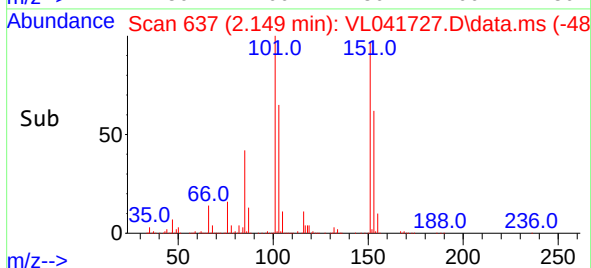
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

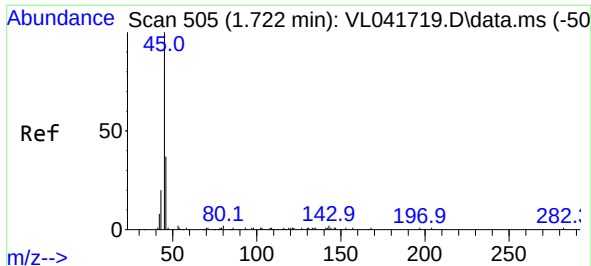


#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.248 ppbv
RT: 2.149 min Scan# 637
Delta R.T. 0.006 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57



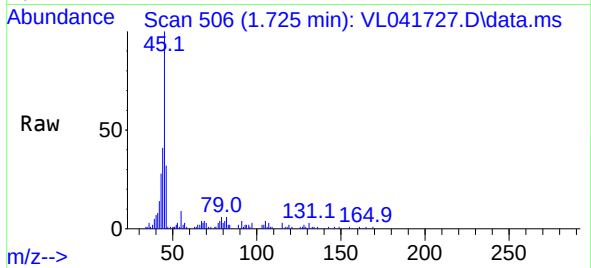
Tgt Ion:101 Resp: 556788
Ion Ratio Lower Upper
101 100
151 96.0 74.4 111.6





#13
Ethanol
Concen: 3.837 ppbv
RT: 1.725 min Scan# 501
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

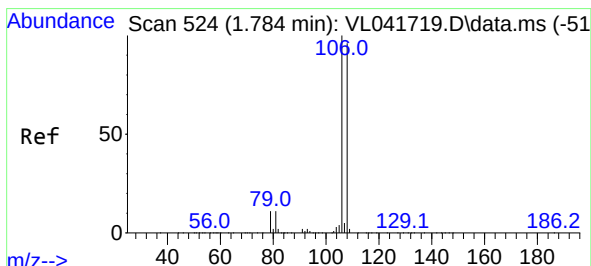
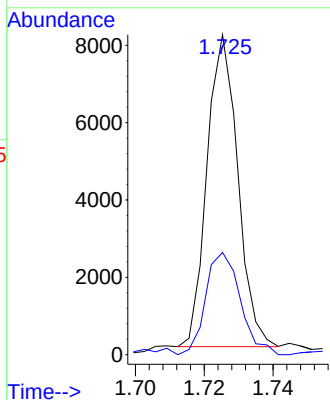
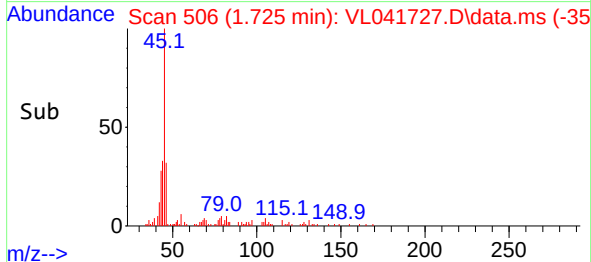
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121124



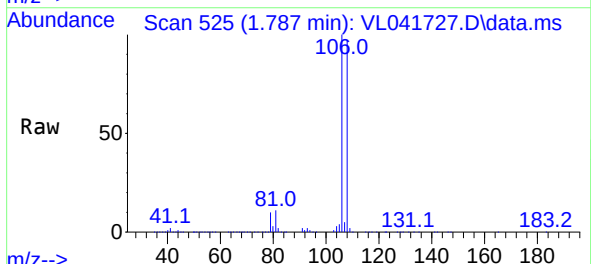
Tgt Ion: 45 Resp: 501
Ion Ratio Lower Upper
45 100
46 39.3 16.6 66.6

Manual Integrations
APPROVED

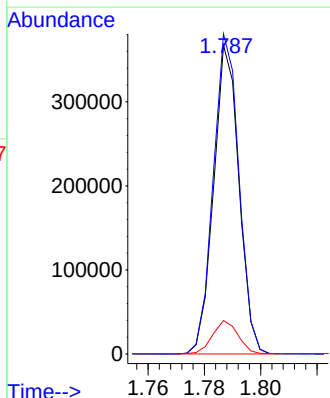
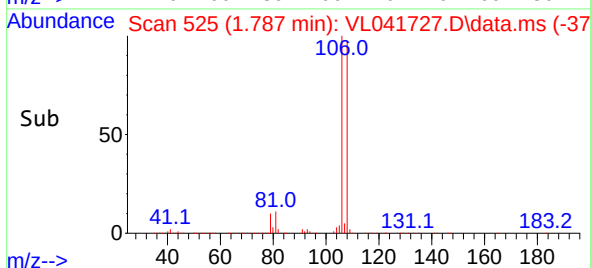
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

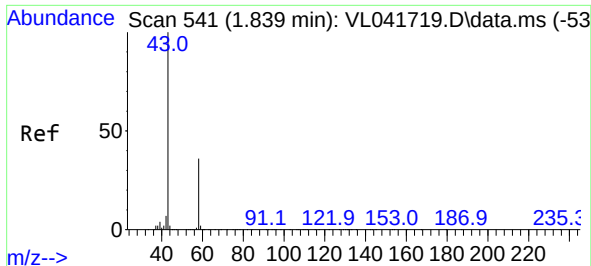


#14
Bromoethene
Concen: 12.651 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57



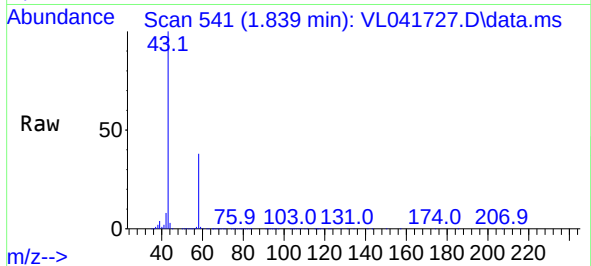
Tgt Ion:108 Resp: 229537
Ion Ratio Lower Upper
108 100
106 105.1 83.5 125.3
79 11.0 9.3 13.9





#15
Acetone
Concen: 8.762 ppbv
RT: 1.839 min Scan# 541
Delta R.T. -0.000 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

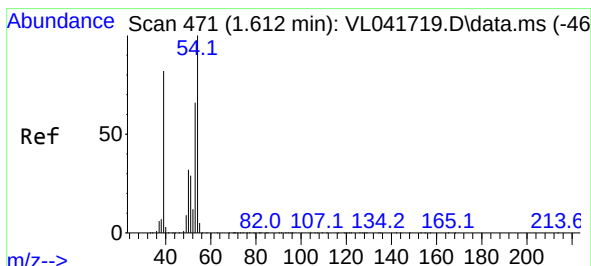
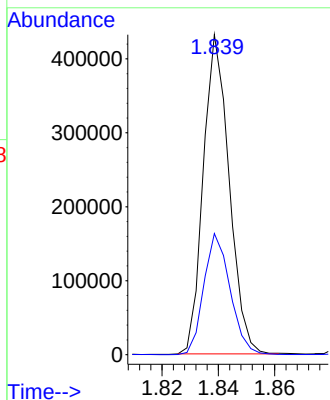
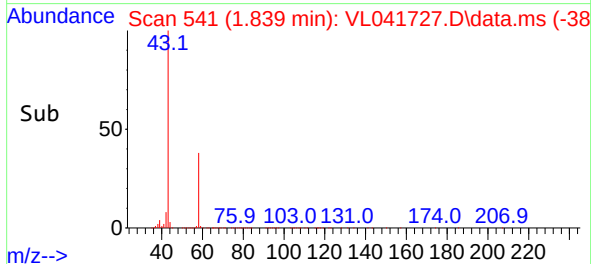
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121124



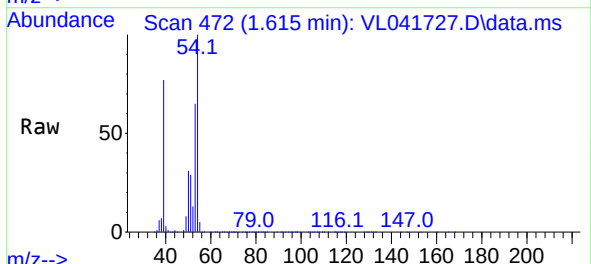
Tgt Ion: 43 Resp: 275200
Ion Ratio Lower Upper
43 100
58 38.8 28.9 43.3

Manual Integrations
APPROVED

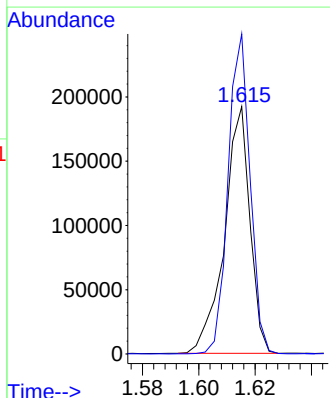
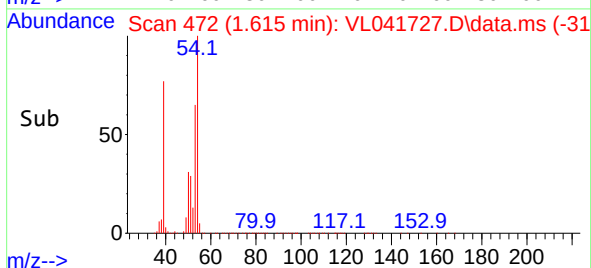
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

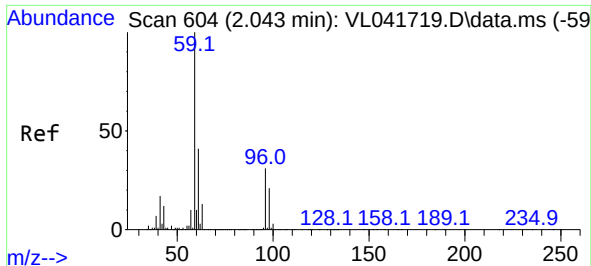


#16
1,3-Butadiene
Concen: 11.407 ppbv
RT: 1.615 min Scan# 472
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57



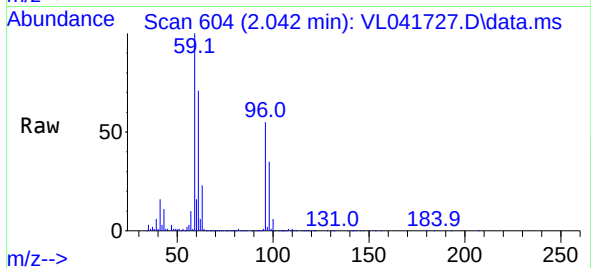
Tgt Ion: 39 Resp: 120175
Ion Ratio Lower Upper
39 100
54 112.8 85.0 127.6





#17
tert-Butyl alcohol
Concen: 10.735 ppbv
RT: 2.042 min Scan# 604
Delta R.T. -0.000 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

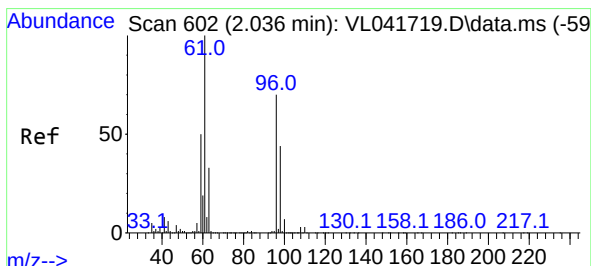
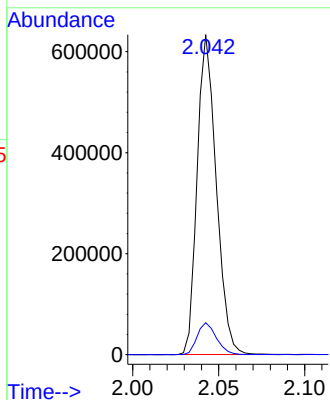
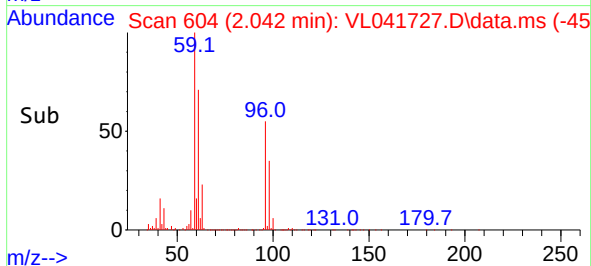
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121124



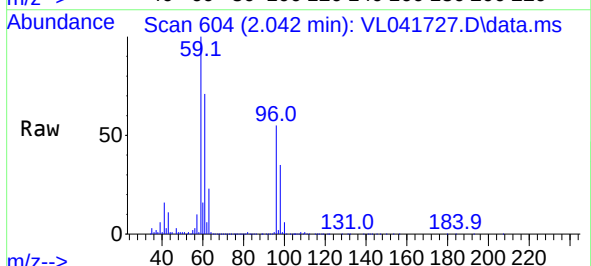
Tgt Ion: 59 Resp: 488800
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

Manual Integrations
APPROVED

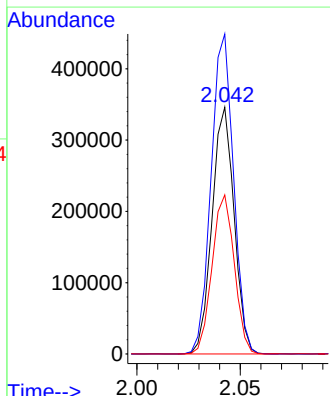
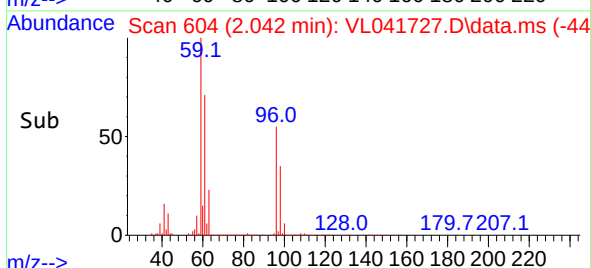
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

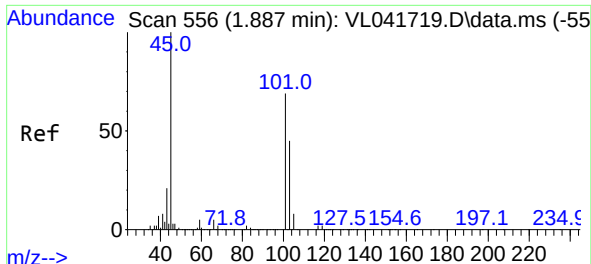


#18
1,1-Dichloroethene
Concen: 11.435 ppbv
RT: 2.042 min Scan# 604
Delta R.T. 0.006 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57



Tgt Ion: 96 Resp: 257184
Ion Ratio Lower Upper
96 100
61 129.7 114.4 171.6
98 64.5 50.6 75.8





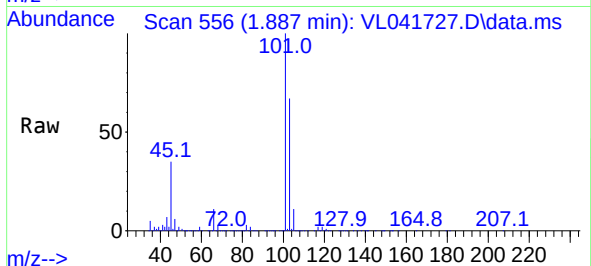
#19
Isopropyl Alcohol
Concen: 6.496 ppbv
RT: 1.887 min Scan# 556
Delta R.T. -0.000 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

Instrument :

MSVOA_L

ClientSampleId :

ICVVL121124

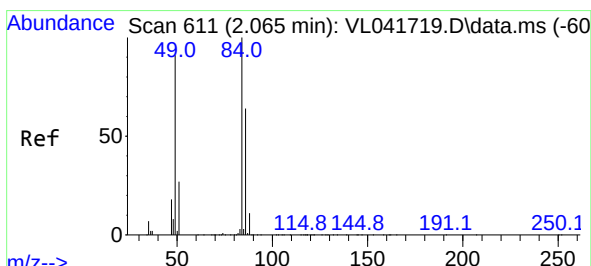
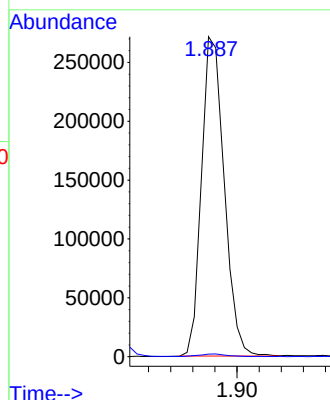
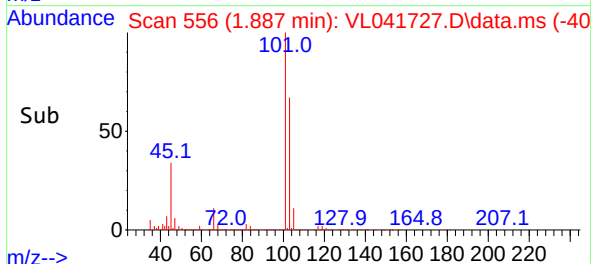


Tgt Ion: 45 Resp: 193799
Ion Ratio Lower Upper
45 100
58 55.1 40.6 61.0

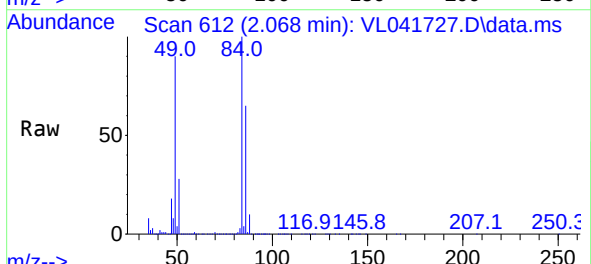
Manual Integrations

APPROVED

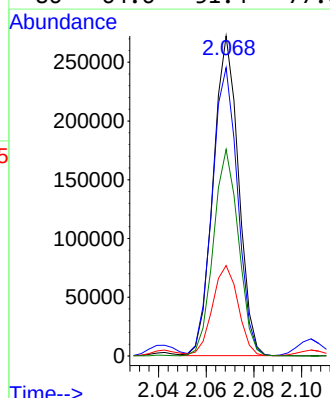
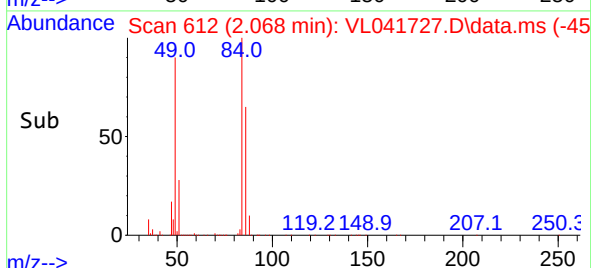
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

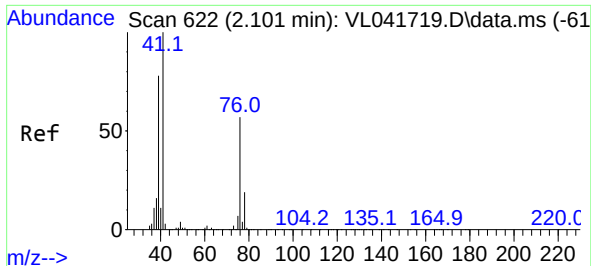


#20
Methylene Chloride
Concen: 10.540 ppbv
RT: 2.068 min Scan# 612
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57



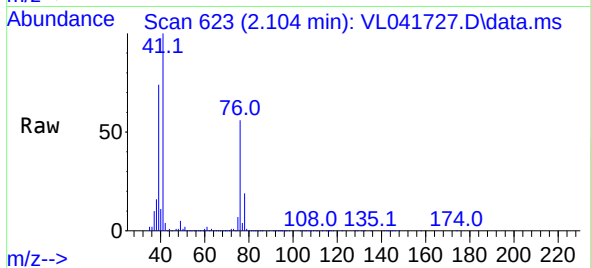
Tgt Ion: 84 Resp: 200509
Ion Ratio Lower Upper
84 100
49 89.9 73.6 110.4
51 28.1 22.7 34.1
86 64.6 51.4 77.0





#21
Allyl Chloride
Concen: 11.233 ppbv
RT: 2.104 min Scan# 611
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

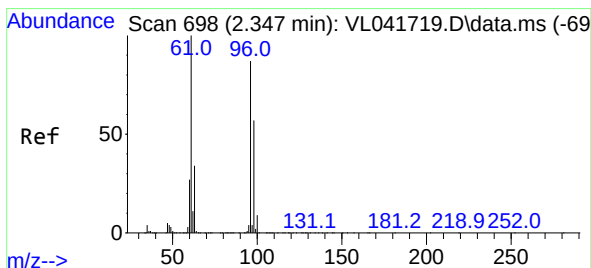
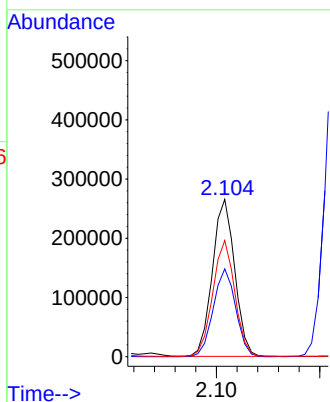
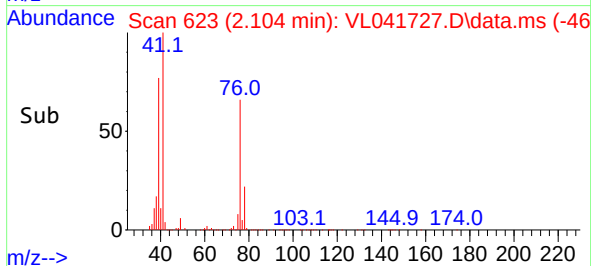
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121124



Tgt Ion: 41 Resp: 198650
Ion Ratio Lower Upper
41 100
76 56.1 44.2 66.2
39 73.0 62.8 94.2

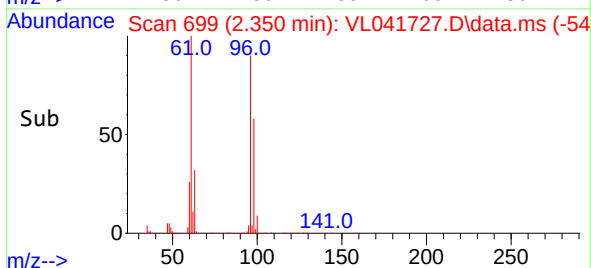
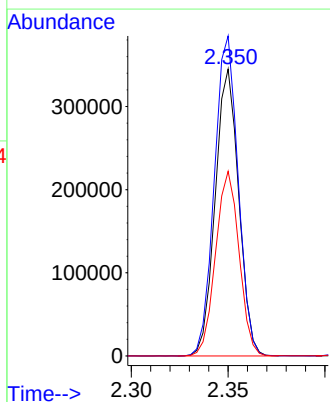
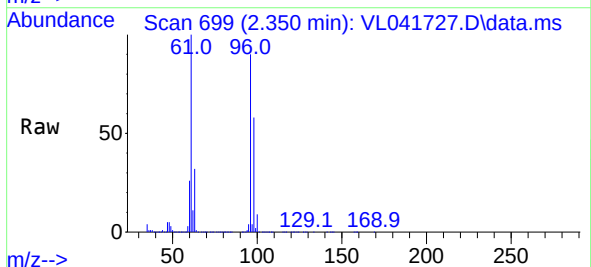
Manual Integrations
APPROVED

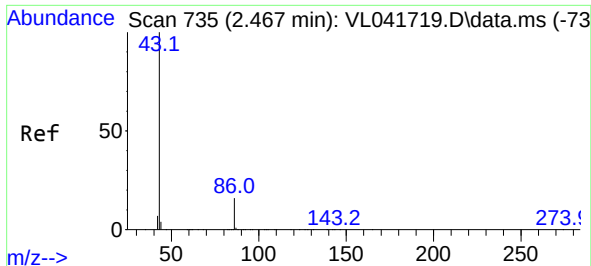
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#22
trans-1,2-Dichloroethene
Concen: 11.151 ppbv
RT: 2.350 min Scan# 699
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

Tgt Ion: 96 Resp: 291191
Ion Ratio Lower Upper
96 100
61 111.6 91.8 137.6
98 64.4 52.7 79.1





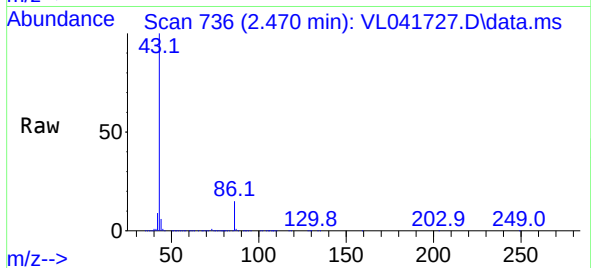
#23
 Vinyl Acetate
 Concen: 11.603 ppbv
 RT: 2.470 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL041727.D
 Acq: 11 Dec 2024 18:57

Instrument :

MSVOA_L

ClientSampleId :

ICVVL121124

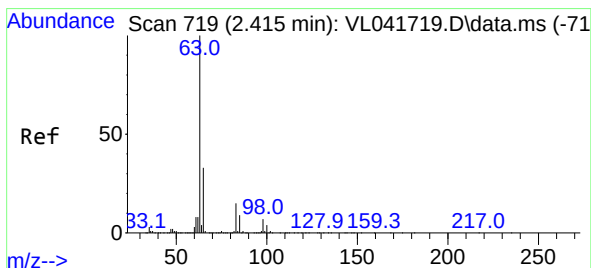
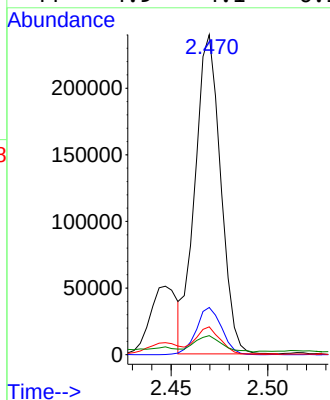
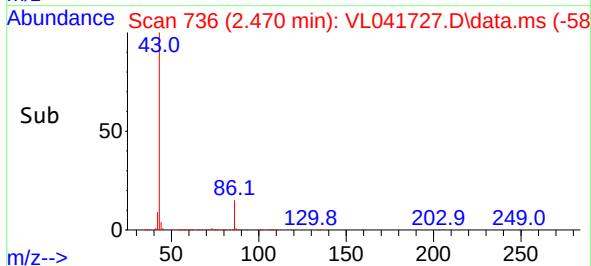


Tgt Ion: 43 Resp: 22067
 Ion Ratio Lower Upper
 43 100
 86 14.8 11.5 17.3
 42 8.6 6.6 10.0
 44 4.9 4.1 6.1

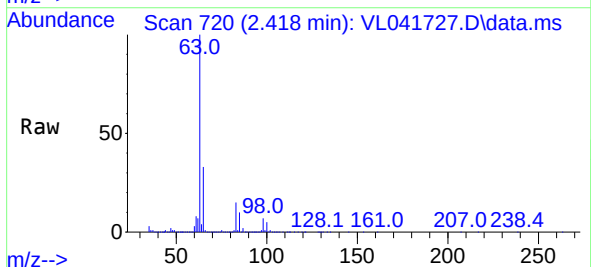
Manual Integrations

APPROVED

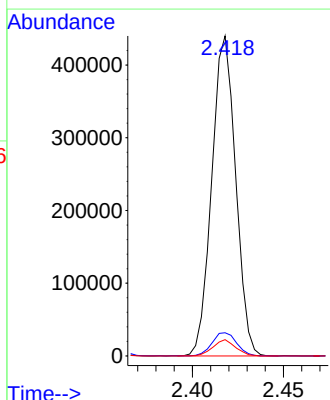
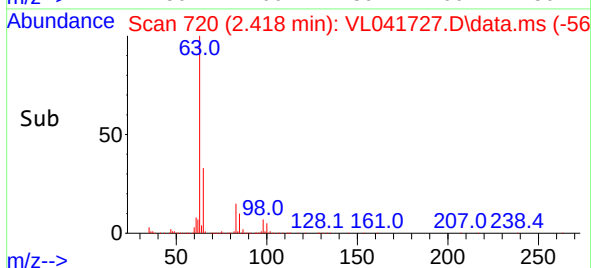
Reviewed By :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024

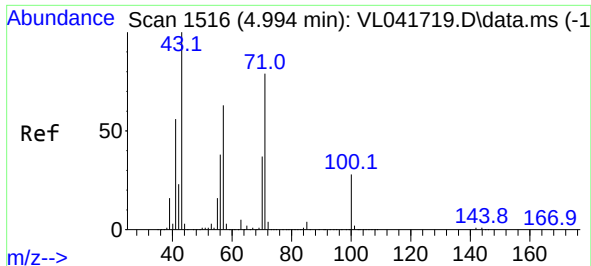


#24
 1,1-Dichloroethane
 Concen: 11.315 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. 0.003 min
 Lab File: VL041727.D
 Acq: 11 Dec 2024 18:57



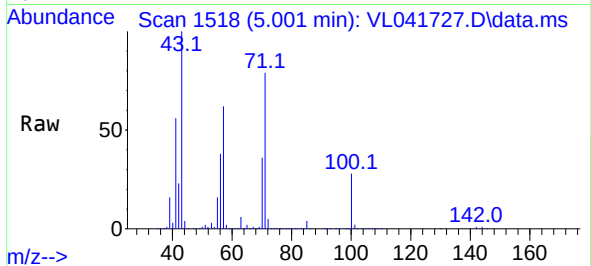
Tgt Ion: 63 Resp: 400176
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 5.1 2.3 6.8





#25
Ethyl Acetate
Concen: 9.342 ppbv
RT: 5.001 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

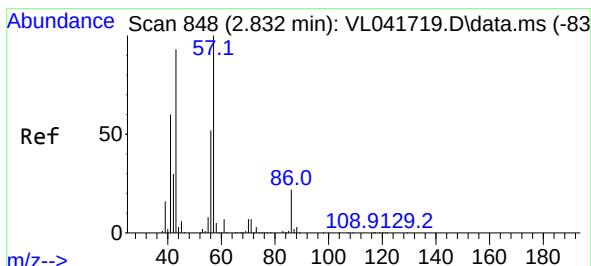
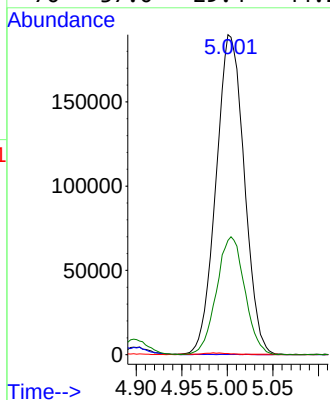
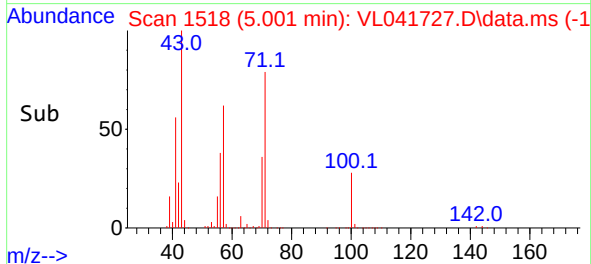
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121124



Tgt Ion: 43 Resp: 407804
Ion Ratio Lower Upper
43 100
45 0.1 0.0 0.0
61 0.5 0.4 0.6
70 37.0 29.4 44.2

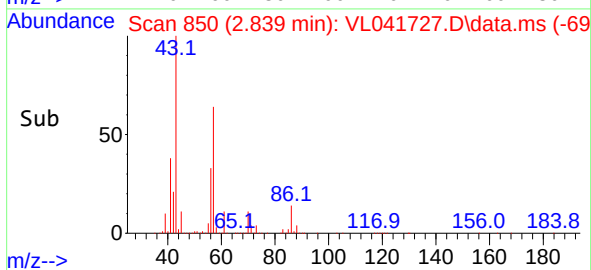
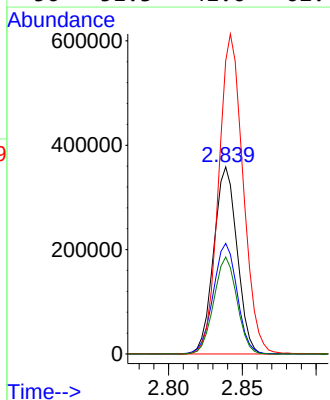
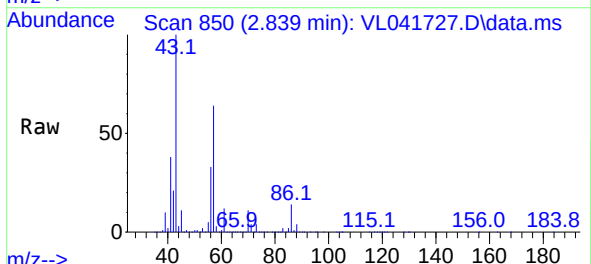
Manual Integrations
APPROVED

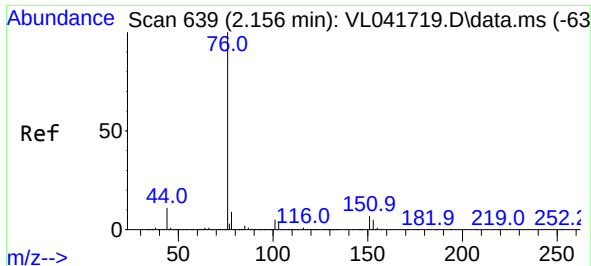
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#26
Hexane
Concen: 9.328 ppbv
RT: 2.839 min Scan# 850
Delta R.T. 0.006 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

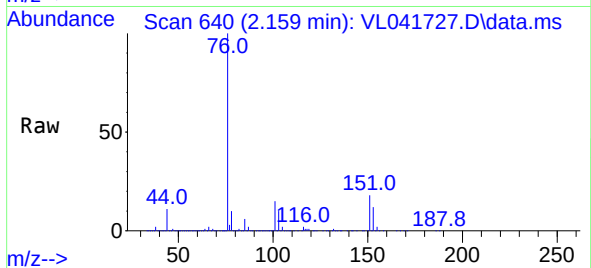
Tgt Ion: 57 Resp: 394893
Ion Ratio Lower Upper
57 100
41 60.6 49.5 74.3
43 178.6 150.6 225.8
56 51.3 41.6 62.4





#27
Carbon Disulfide
Concen: 11.957 ppbv
RT: 2.159 min Scan# 640
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

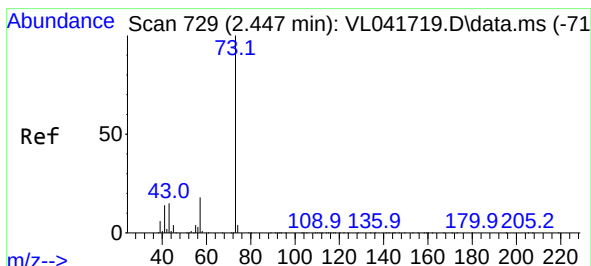
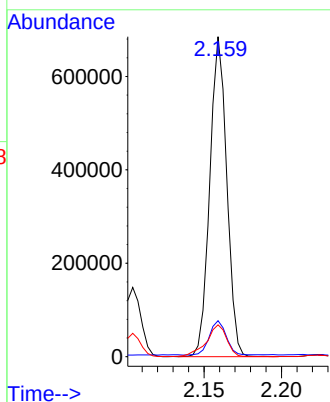
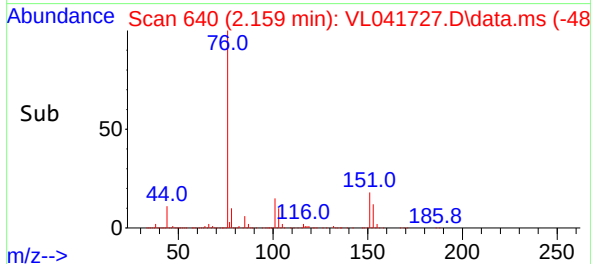
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121124



Tgt Ion: 76 Resp: 521169
Ion Ratio Lower Upper
76 100
44 11.6 9.4 14.0
78 11.9 9.4 14.0

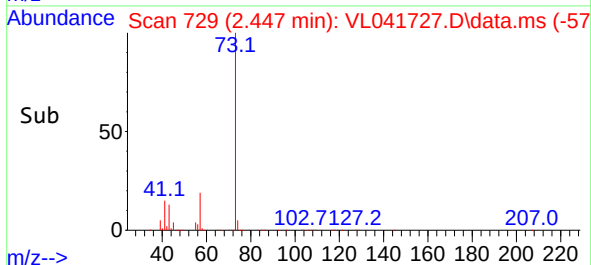
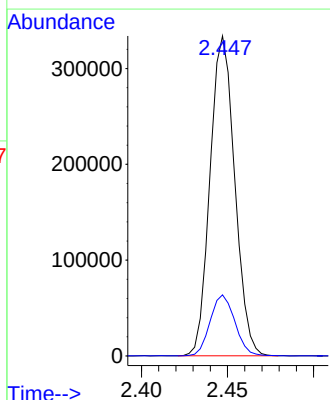
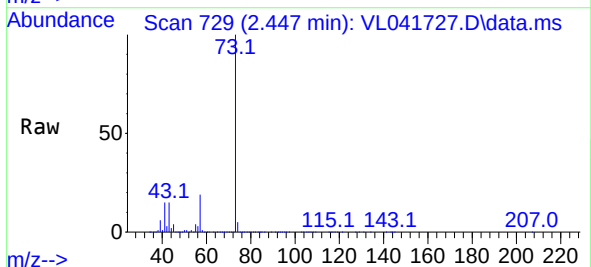
Manual Integrations
APPROVED

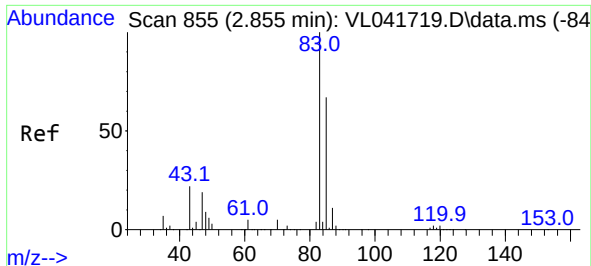
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#28
Methyl tert-Butyl Ether
Concen: 10.488 ppbv
RT: 2.447 min Scan# 729
Delta R.T. -0.000 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

Tgt Ion: 73 Resp: 333274
Ion Ratio Lower Upper
73 100
57 19.2 15.3 22.9





#29

Chloroform

Concen: 9.220 ppbv

RT: 2.858 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL041727.D

Acq: 11 Dec 2024 18:57

Instrument :

MSVOA_L

ClientSampleId :

ICVVL121124

Tgt Ion: 83 Resp: 597509

Ion Ratio Lower Upper

83 100

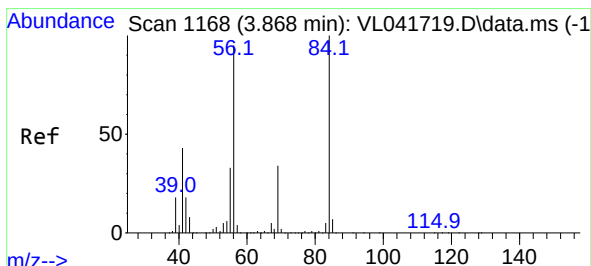
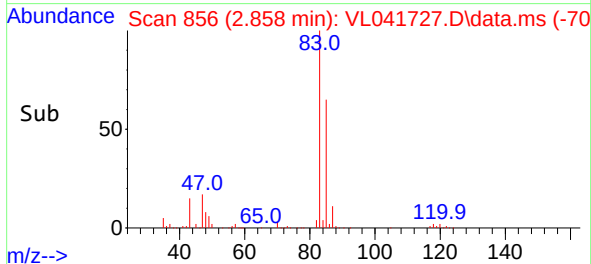
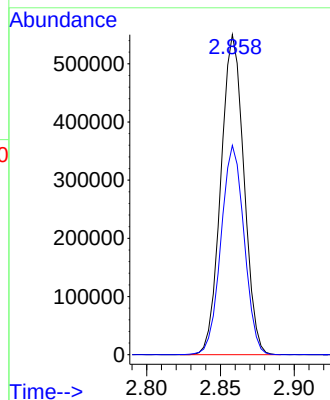
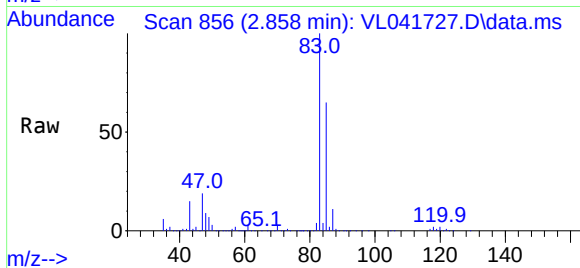
85 65.4 53.6 80.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/13/2024

Supervised By :Semsettin Yesilyurt 12/13/2024



#30

Cyclohexane

Concen: 9.430 ppbv

RT: 3.874 min Scan# 1170

Delta R.T. 0.006 min

Lab File: VL041727.D

Acq: 11 Dec 2024 18:57

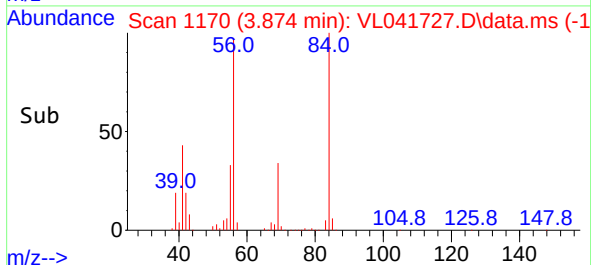
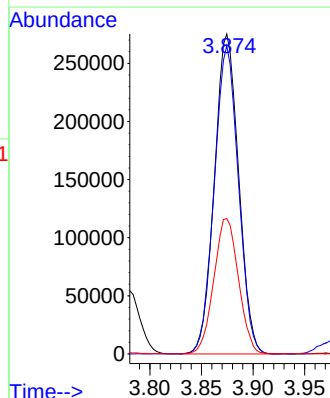
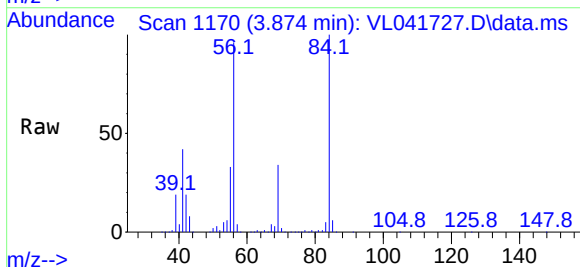
Tgt Ion: 84 Resp: 448344

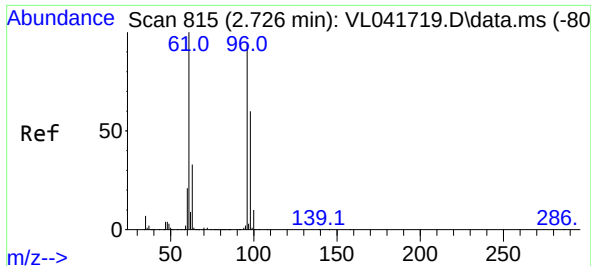
Ion Ratio Lower Upper

84 100

56 96.3 76.0 114.0

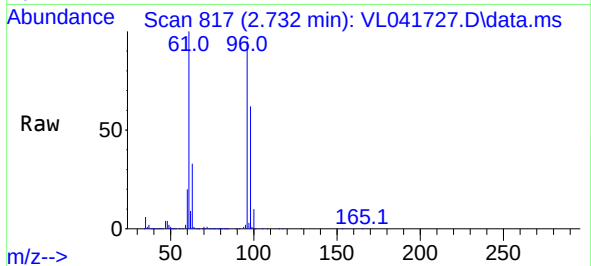
41 43.2 34.2 51.4





#31
cis-1,2-Dichloroethene
Concen: 9.257 ppbv
RT: 2.732 min Scan# 815
Delta R.T. 0.006 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

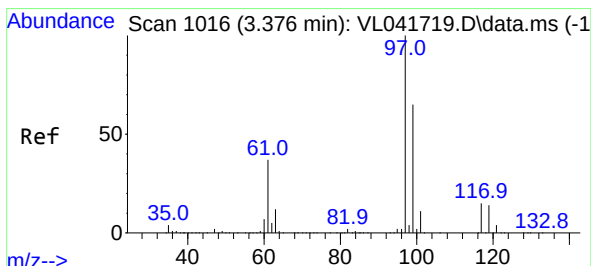
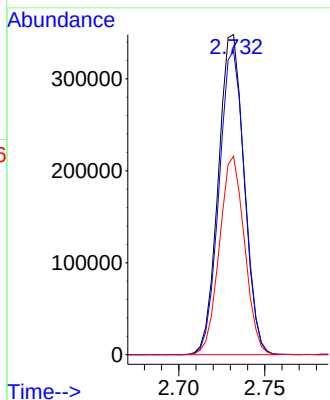
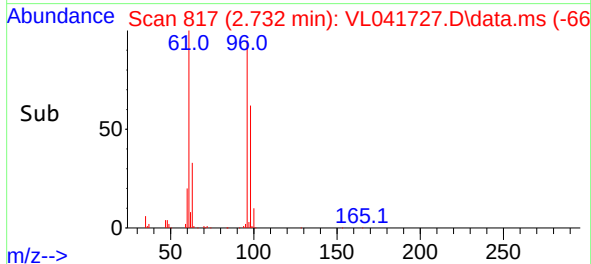
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121124



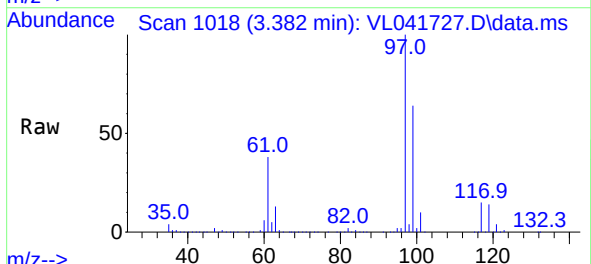
Tgt Ion: 61 Resp: 363027
Ion Ratio Lower Upper
61 100
96 95.0 75.4 113.2
98 62.0 48.3 72.5

Manual Integrations
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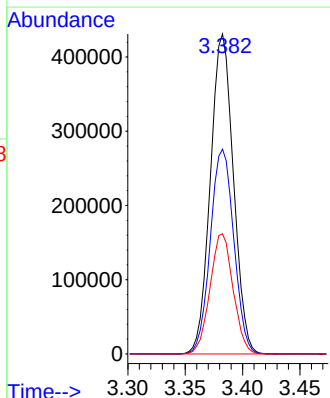
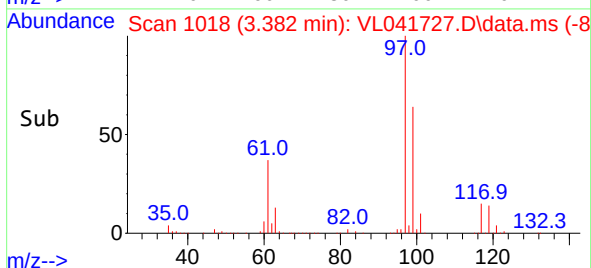
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

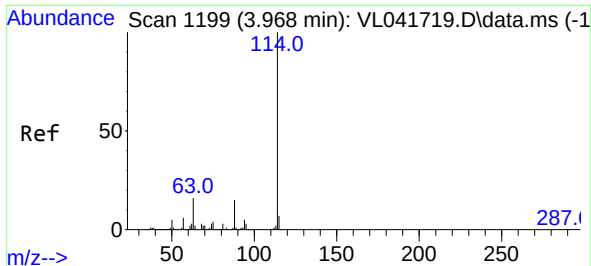


#32
1,1,1-Trichloroethane
Concen: 9.439 ppbv
RT: 3.382 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57



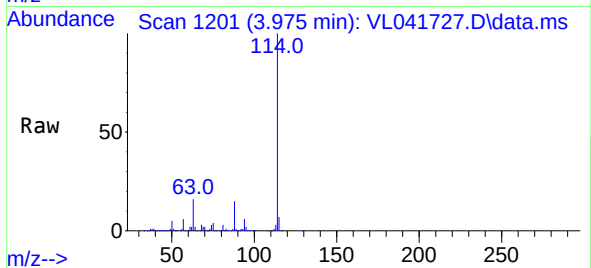
Tgt Ion: 97 Resp: 601597
Ion Ratio Lower Upper
97 100
99 65.3 52.2 78.2
61 37.7 29.8 44.8





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.975 min Scan# 1199
Delta R.T. 0.006 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

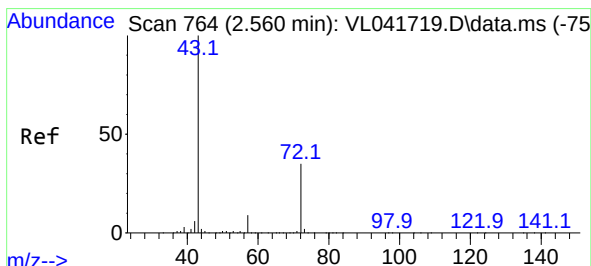
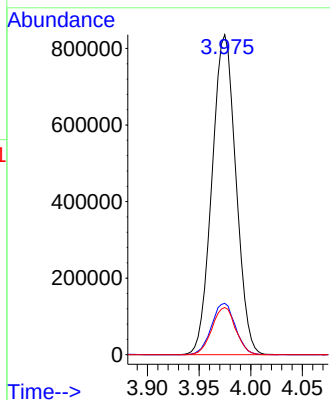
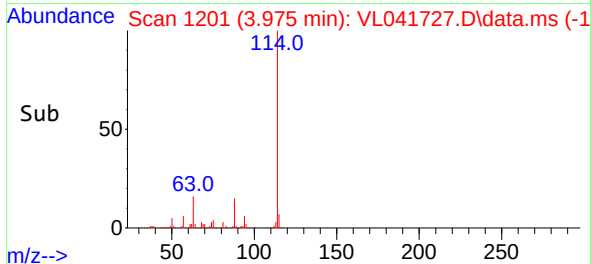
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121124



Tgt Ion:114 Resp: 1347169
Ion Ratio Lower Upper
114 100
63 16.0 12.9 19.3
88 14.6 11.8 17.6

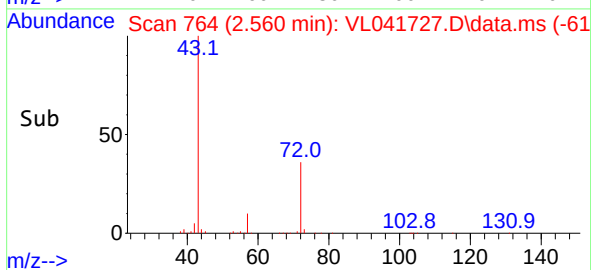
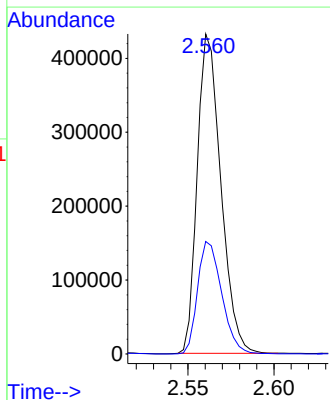
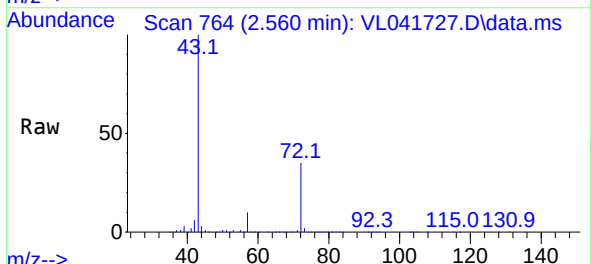
Manual Integrations
APPROVED

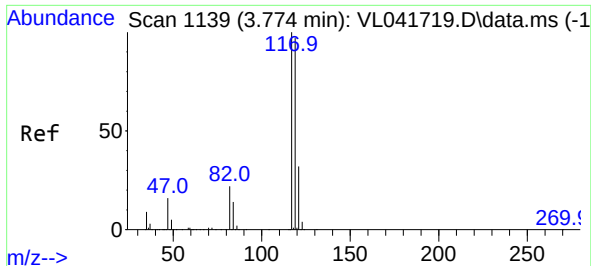
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#34
2-Butanone
Concen: 8.730 ppbv
RT: 2.560 min Scan# 764
Delta R.T. -0.000 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

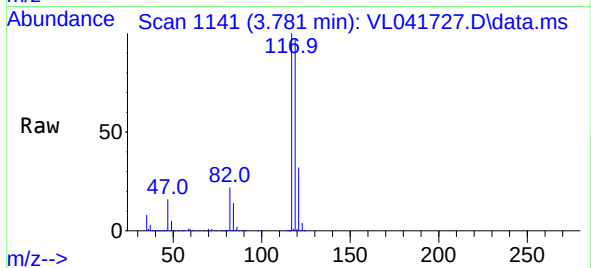
Tgt Ion: 43 Resp: 411778
Ion Ratio Lower Upper
43 100
72 36.0 28.3 42.5





#35
Carbon Tetrachloride
Concen: 10.015 ppbv
RT: 3.781 min Scan# 1139
Delta R.T. 0.006 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

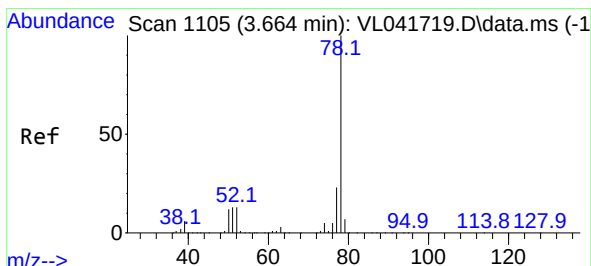
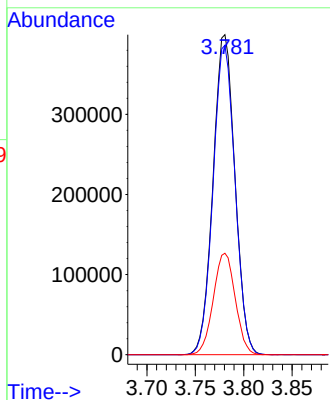
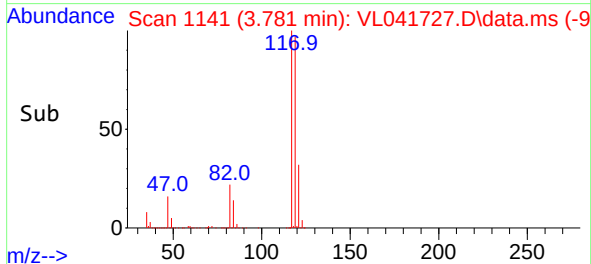
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121124



Tgt Ion:117 Resp: 628372
Ion Ratio Lower Upper
117 100
119 96.7 77.7 116.5
121 31.7 25.5 38.3

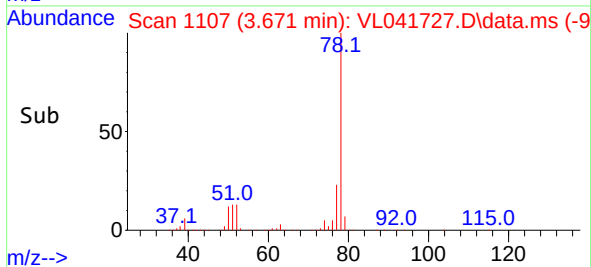
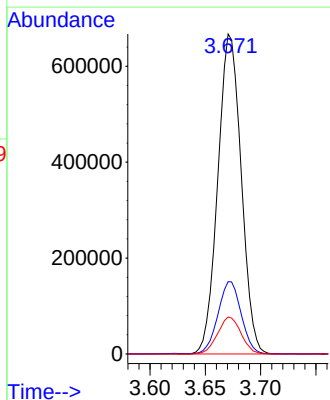
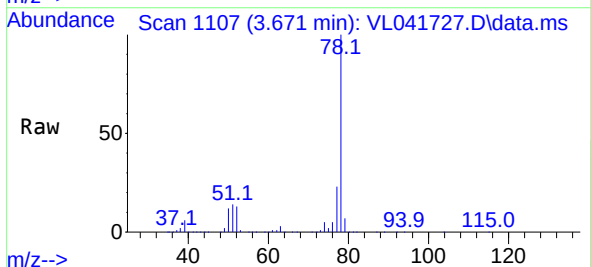
Manual Integrations
APPROVED

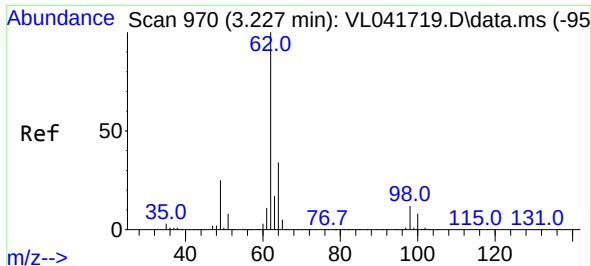
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#36
Benzene
Concen: 9.248 ppbv
RT: 3.671 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

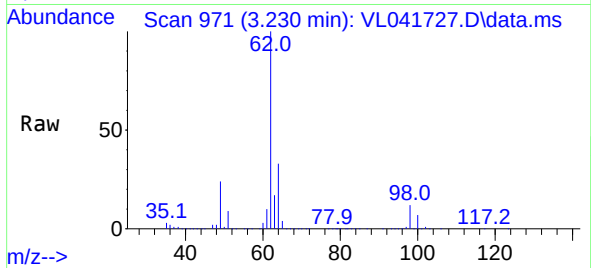
Tgt Ion: 78 Resp: 979553
Ion Ratio Lower Upper
78 100
77 22.6 18.6 27.8
50 11.5 9.5 14.3





#37
1,2-Dichloroethane
Concen: 9.269 ppbv
RT: 3.230 min Scan# 91
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

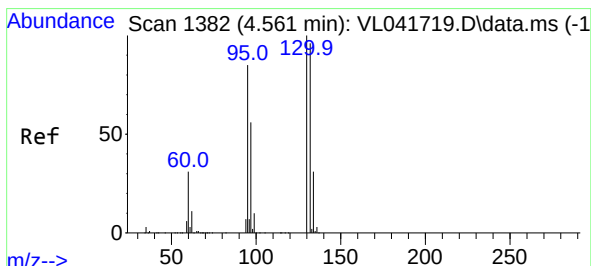
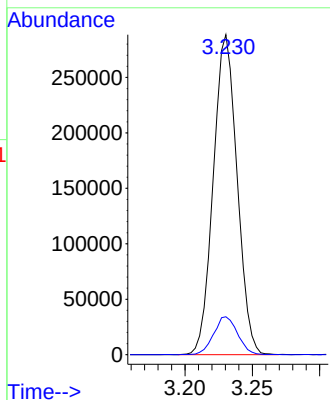
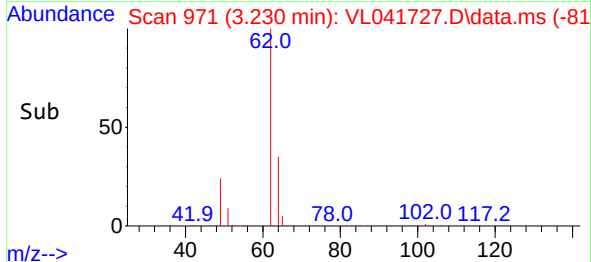
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121124



Tgt Ion: 62 Resp: 35464
Ion Ratio Lower Upper
62 100
98 12.0 9.4 14.2

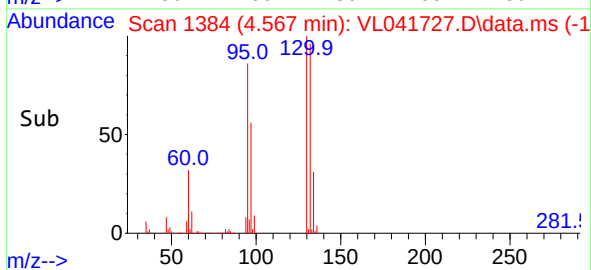
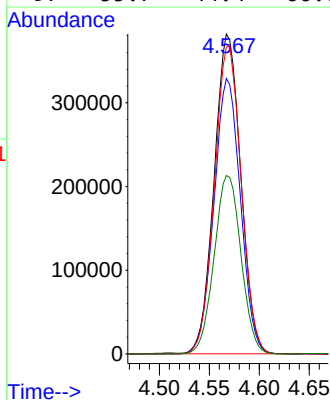
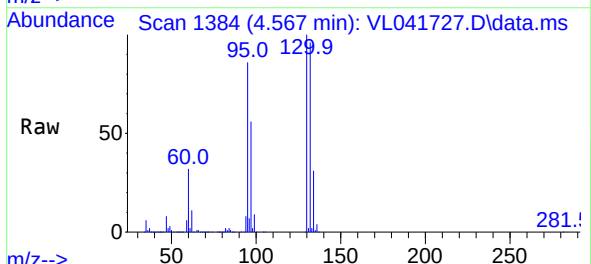
Manual Integrations
APPROVED

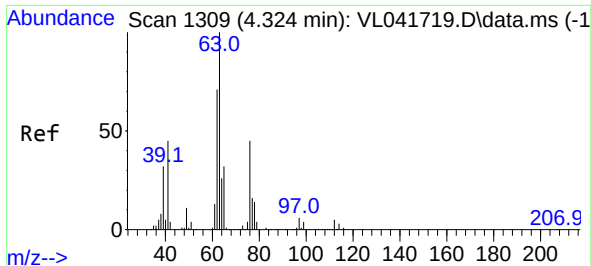
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#38
Trichloroethene
Concen: 12.882 ppbv
RT: 4.567 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

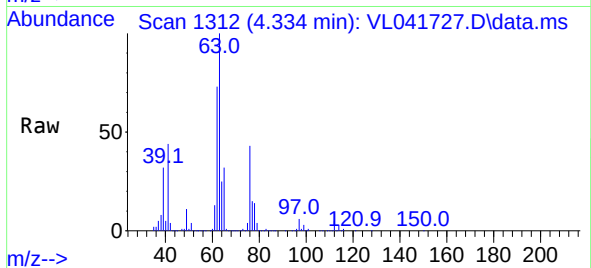
Tgt Ion:130 Resp: 707606
Ion Ratio Lower Upper
130 100
95 86.0 68.0 102.0
132 95.9 76.5 114.7
97 55.7 44.4 66.6





#39
1,2-Dichloropropane
Concen: 9.456 ppbv
RT: 4.334 min Scan# 1312
Delta R.T. 0.010 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

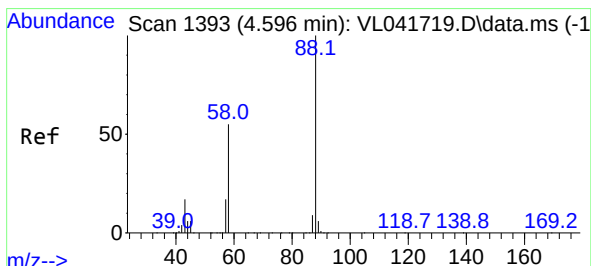
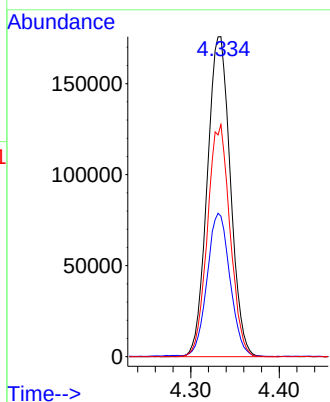
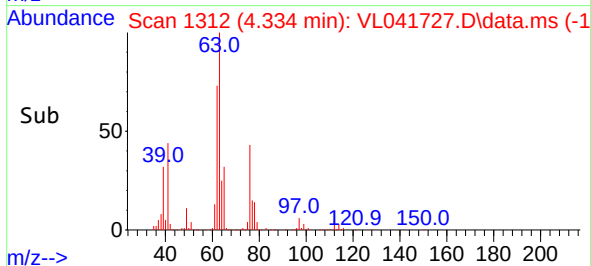
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121124



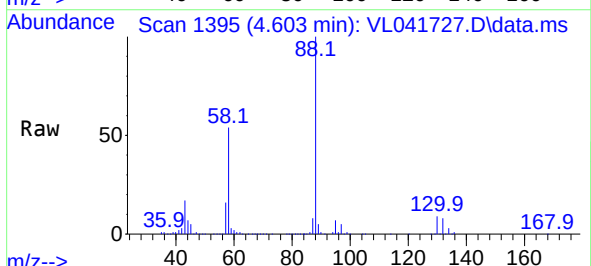
Tgt Ion: 63 Resp: 319154
Ion Ratio Lower Upper
63 100
41 43.8 36.4 54.6
62 72.6 56.6 85.0

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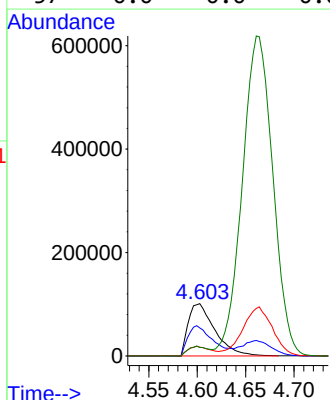
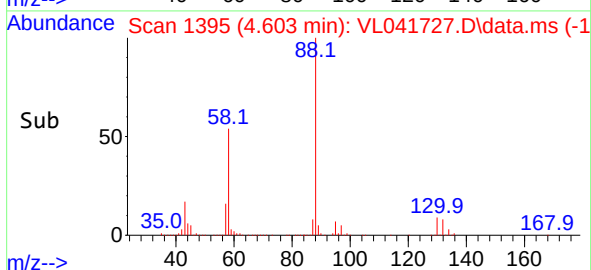
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

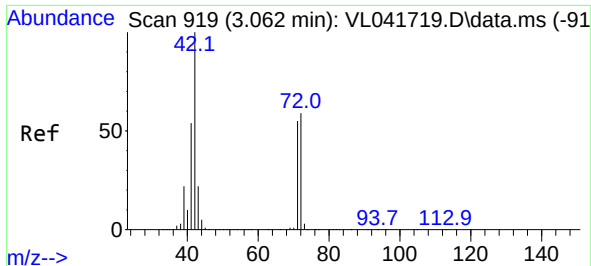


#40
1,4-Dioxane
Concen: 9.462 ppbv
RT: 4.603 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57



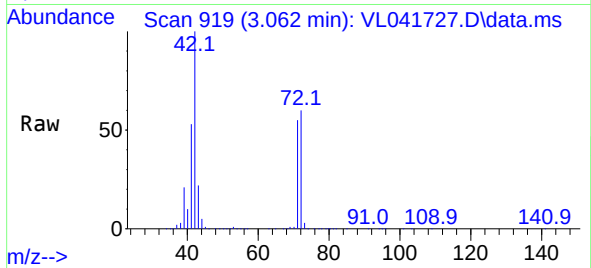
Tgt Ion: 88 Resp: 192695
Ion Ratio Lower Upper
88 100
58 56.0 45.7 68.5
43 15.1 0.0 0.0#
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 9.423 ppbv
RT: 3.062 min Scan# 919
Delta R.T. -0.000 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

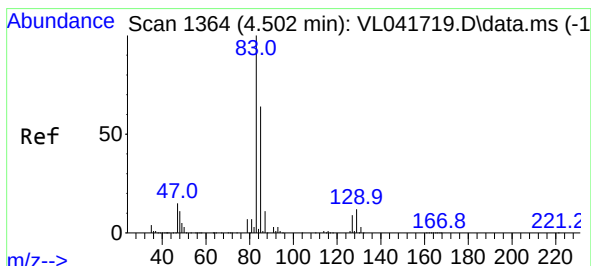
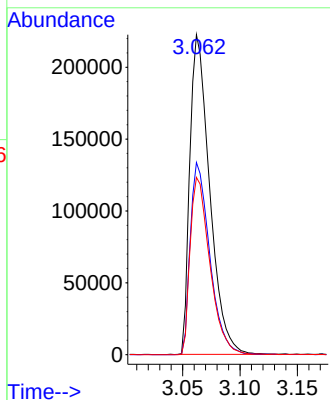
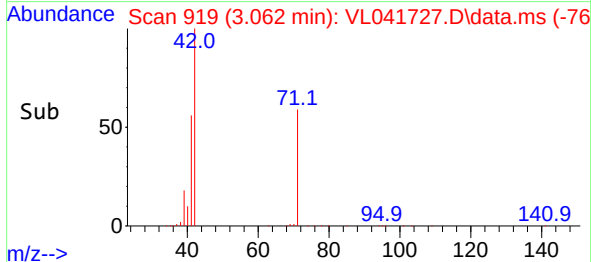
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121124



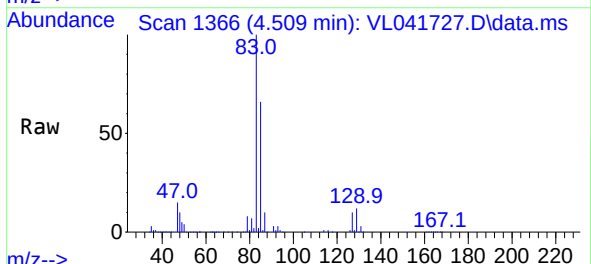
Tgt Ion: 42 Resp: 267844
Ion Ratio Lower Upper
42 100
72 59.3 47.4 71.0
71 55.4 44.4 66.6

Manual Integrations
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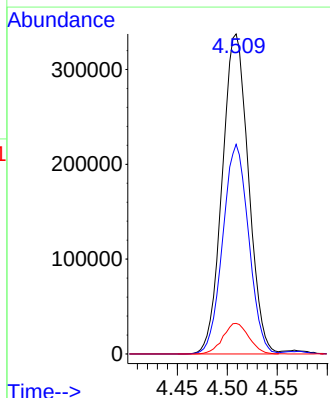
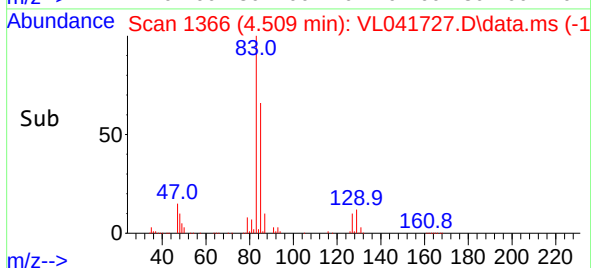
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

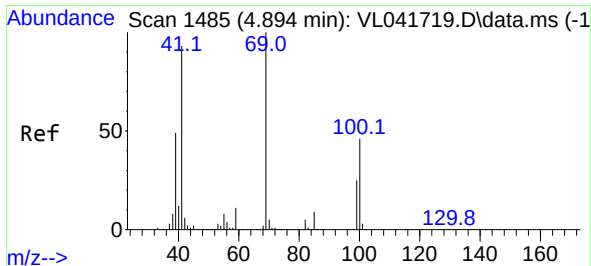


#42
Bromodichloromethane
Concen: 9.984 ppbv
RT: 4.509 min Scan# 1366
Delta R.T. 0.006 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57



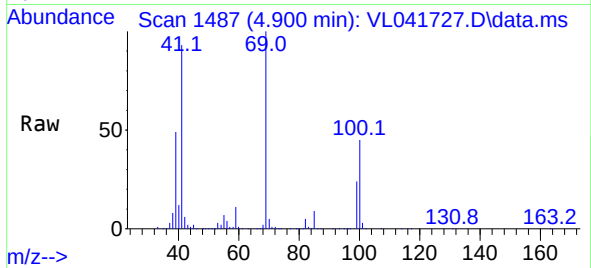
Tgt Ion: 83 Resp: 616763
Ion Ratio Lower Upper
83 100
85 65.5 51.0 76.6
127 9.6 7.6 11.4





#43
Methyl Methacrylate
Concen: 9.434 ppbv
RT: 4.900 min Scan# 1413
Delta R.T. 0.006 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

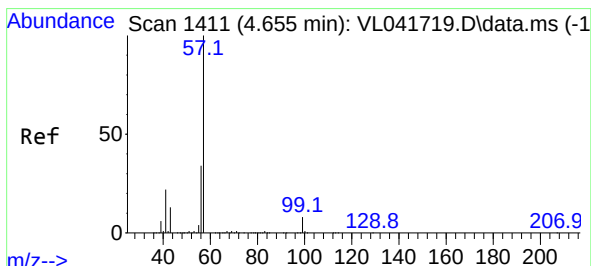
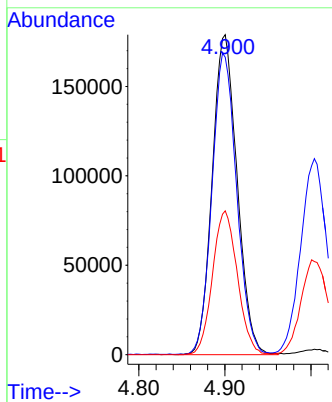
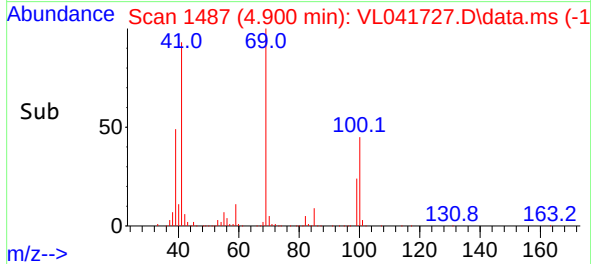
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121124



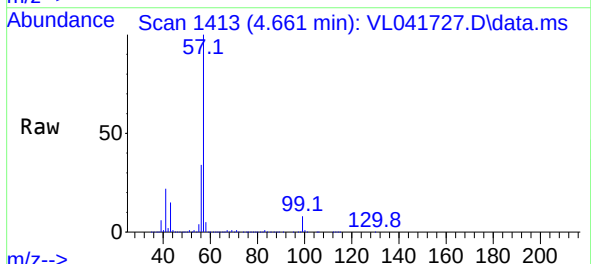
Tgt Ion: 69 Resp: 359920
Ion Ratio Lower Upper
69 100
41 93.3 74.6 112.0
100 44.9 35.5 53.3

Manual Integrations
APPROVED

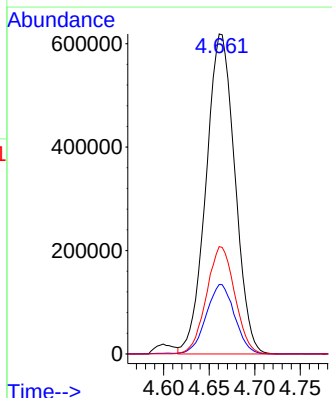
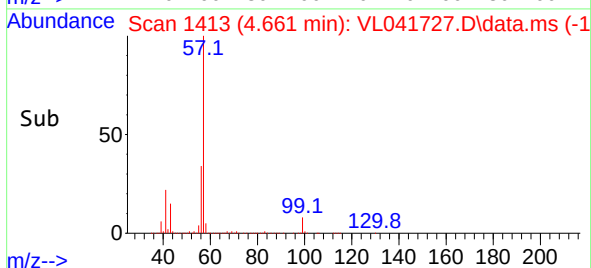
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

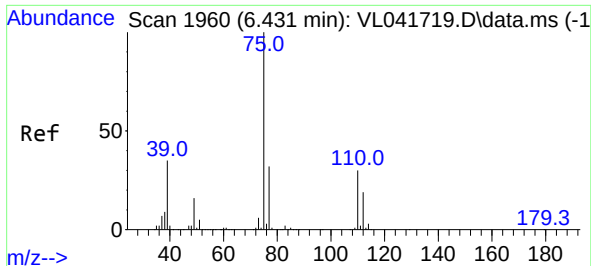


#44
2,2,4-Trimethylpentane
Concen: 9.240 ppbv
RT: 4.661 min Scan# 1413
Delta R.T. 0.006 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57



Tgt Ion: 57 Resp: 1362393
Ion Ratio Lower Upper
57 100
41 21.5 17.2 25.8
56 33.0 26.6 40.0





#45
t-1,3-Dichloropropene
Concen: 8.050 ppbv
RT: 6.441 min Scan# 1960
Delta R.T. 0.010 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

Instrument :

MSVOA_L

ClientSampleId :

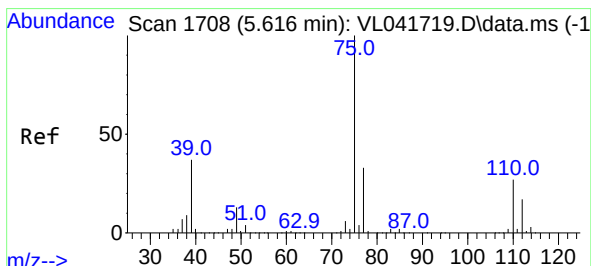
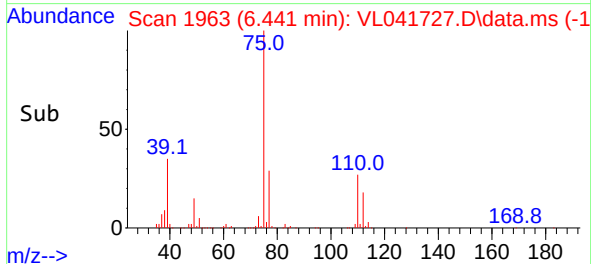
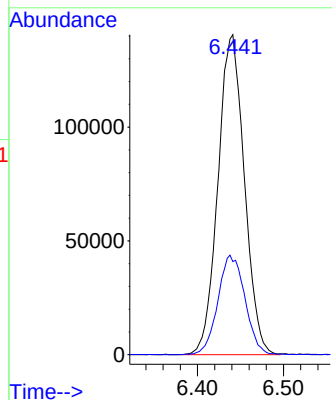
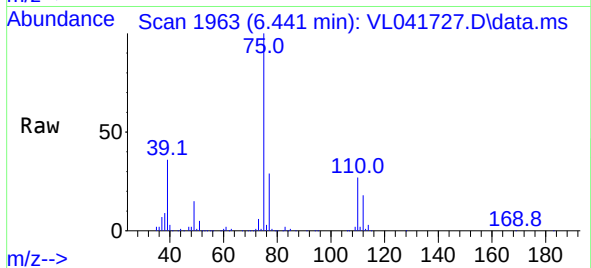
ICVVL121124

Tgt Ion: 75 Resp: 299658
Ion Ratio Lower Upper
75 100
77 29.1 25.8 38.6

Manual Integrations

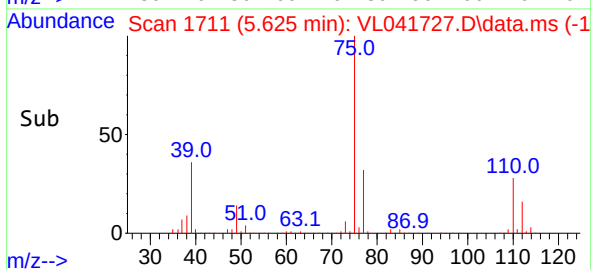
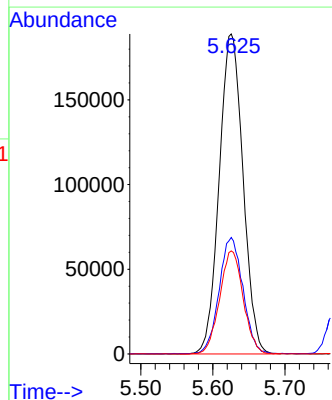
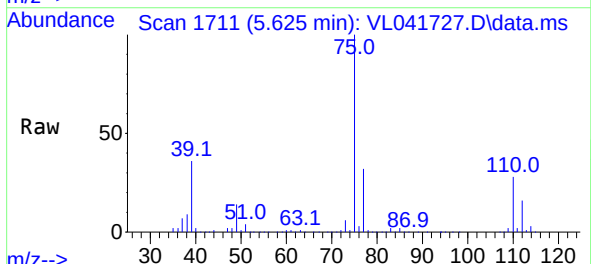
APPROVED

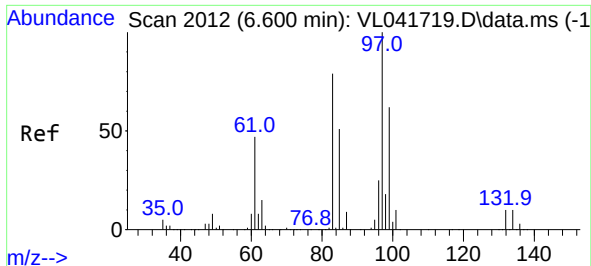
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#46
cis-1,3-Dichloropropene
Concen: 8.777 ppbv
RT: 5.625 min Scan# 1711
Delta R.T. 0.010 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

Tgt Ion: 75 Resp: 433661
Ion Ratio Lower Upper
75 100
39 36.3 29.8 44.6
77 32.2 26.2 39.2





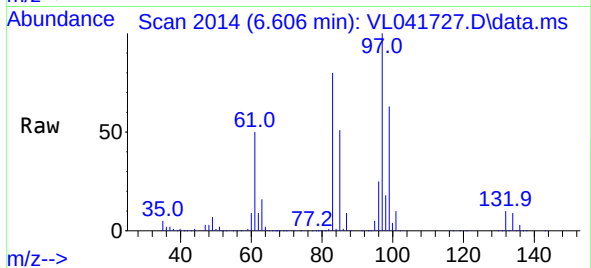
#47
1,1,2-Trichloroethane
Concen: 9.181 ppbv
RT: 6.606 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

Instrument :

MSVOA_L

ClientSampleId :

ICVVL121124

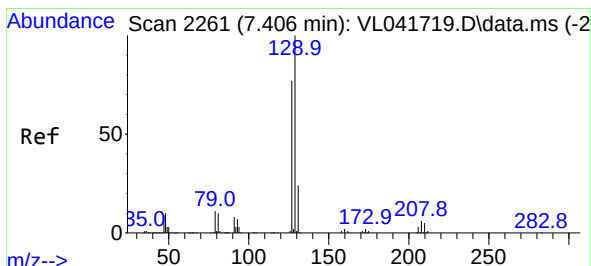
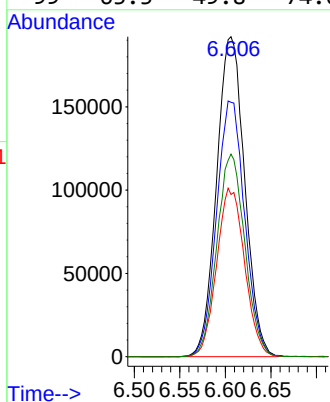
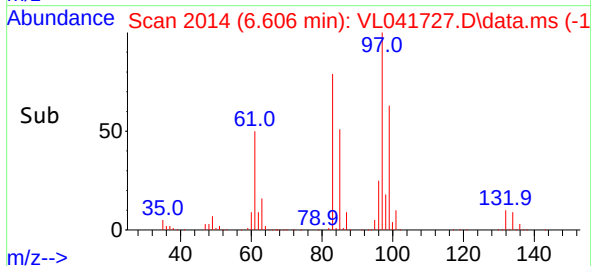


Tgt Ion: 97 Resp: 41259
Ion Ratio Lower Upper
97 100
83 79.6 63.0 94.4
85 50.7 41.0 61.6
99 63.3 49.8 74.6

Manual Integrations

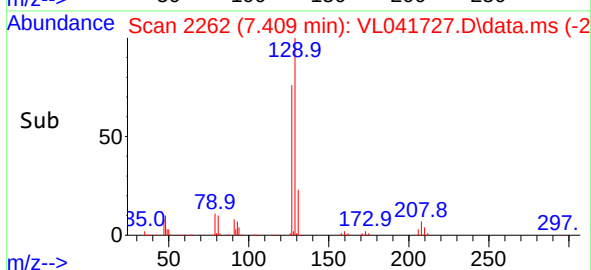
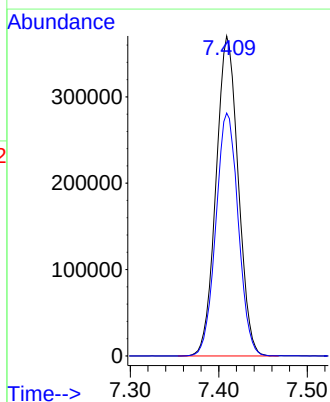
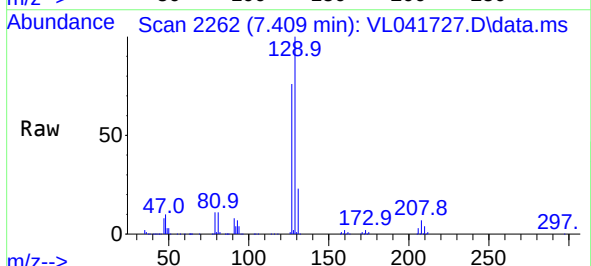
APPROVED

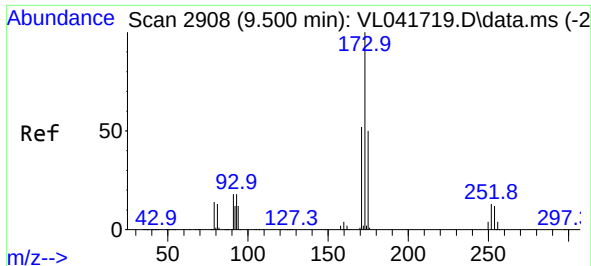
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#48
Dibromochloromethane
Concen: 9.966 ppbv
RT: 7.409 min Scan# 2262
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

Tgt Ion:129 Resp: 645357
Ion Ratio Lower Upper
129 100
127 76.8 38.6 115.7





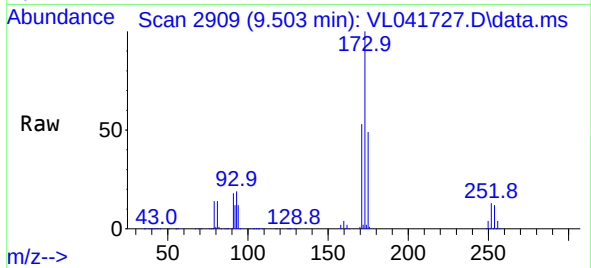
#49
Bromoform
Concen: 9.984 ppbv
RT: 9.503 min Scan# 2908
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

Instrument :

MSVOA_L

ClientSampleId :

ICVVL121124

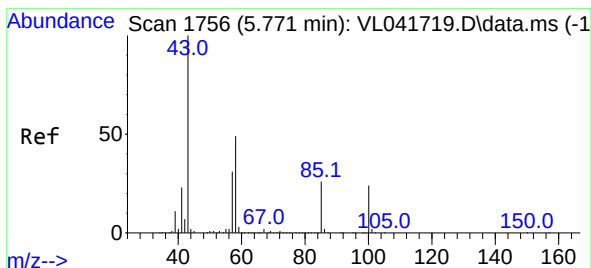
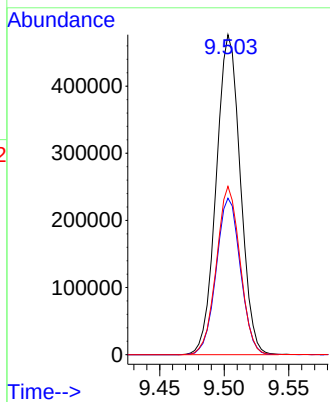
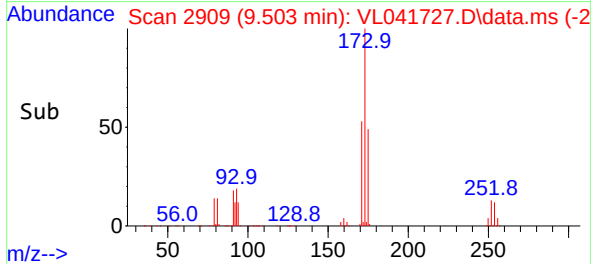


Tgt Ion:173 Resp: 618530
Ion Ratio Lower Upper
173 100
175 49.1 39.5 59.3
171 51.8 41.4 62.0

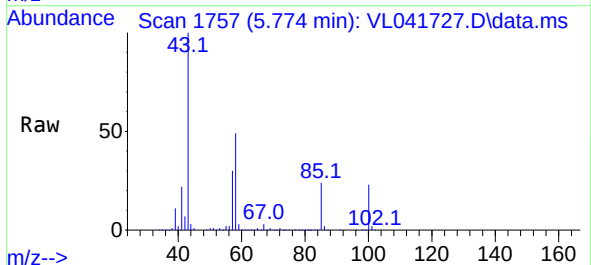
Manual Integrations

APPROVED

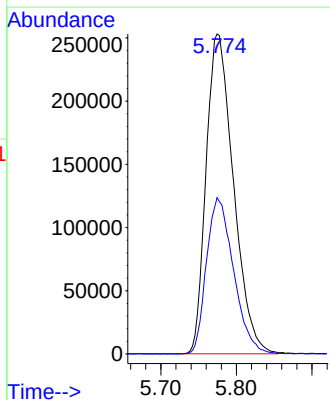
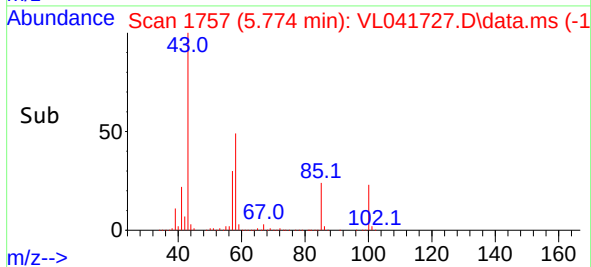
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

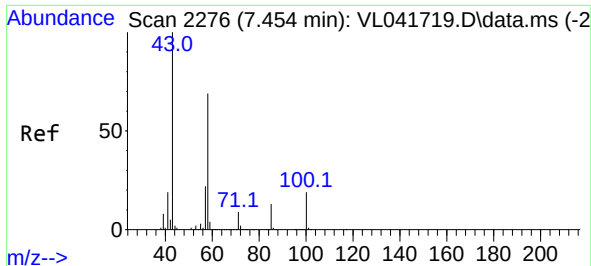


#50
4-Methyl-2-Pentanone
Concen: 9.411 ppbv
RT: 5.774 min Scan# 1757
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57



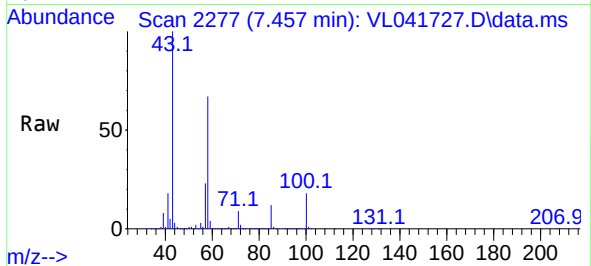
Tgt Ion: 43 Resp: 636683
Ion Ratio Lower Upper
43 100
58 48.4 38.9 58.3





#51
2-Hexanone
Concen: 9.015 ppbv
RT: 7.457 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

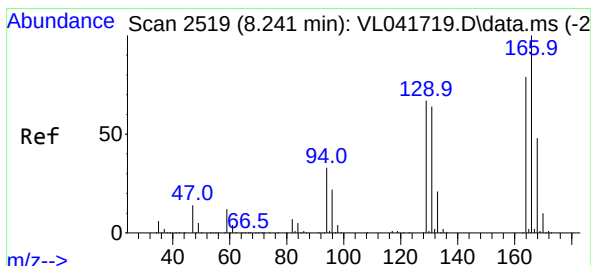
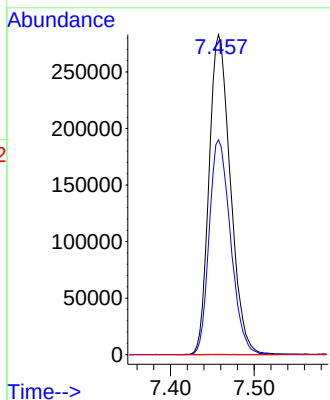
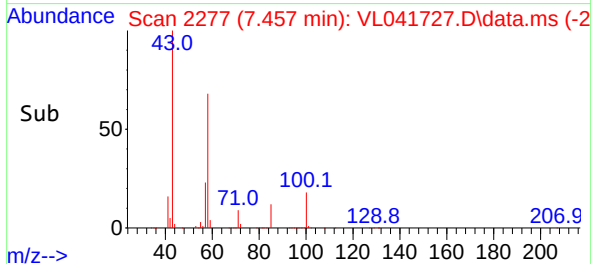
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121124



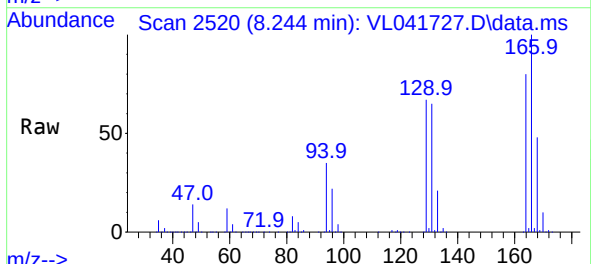
Tgt Ion: 43 Resp: 501628
Ion Ratio Lower Upper
43 100
58 67.5 54.2 81.4
98 0.1 0.2 0.2

Manual Integrations
APPROVED

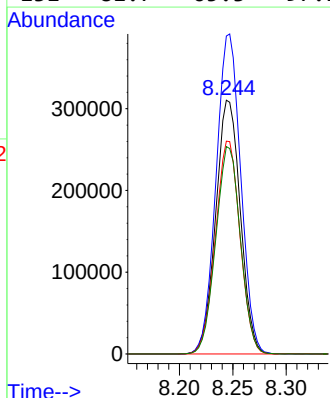
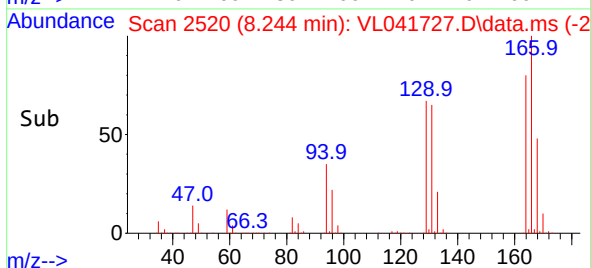
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

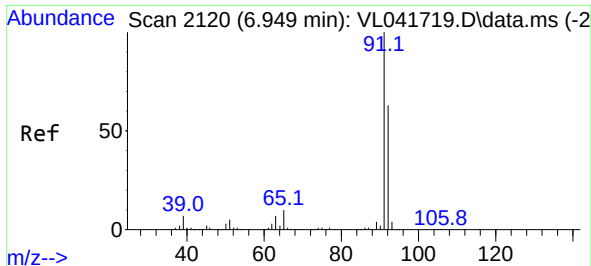


#52
Tetrachloroethene
Concen: 8.879 ppbv
RT: 8.244 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57



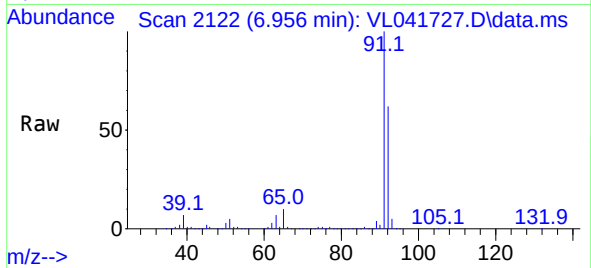
Tgt Ion:164 Resp: 498257
Ion Ratio Lower Upper
164 100
166 125.3 101.4 152.0
129 83.9 67.6 101.4
131 81.7 65.3 97.9





#53
Toluene
Concen: 9.193 ppbv
RT: 6.956 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

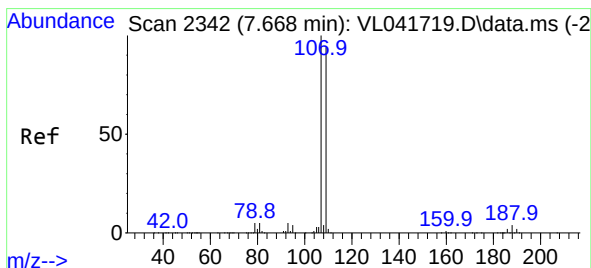
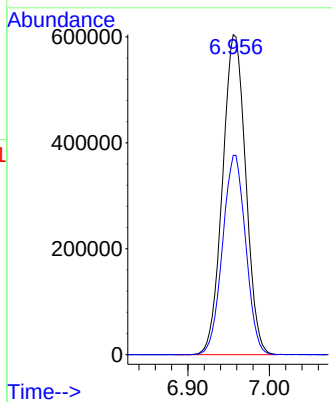
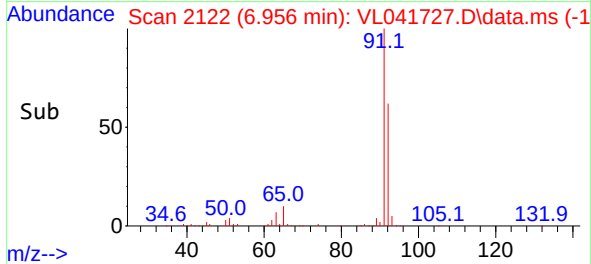
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121124



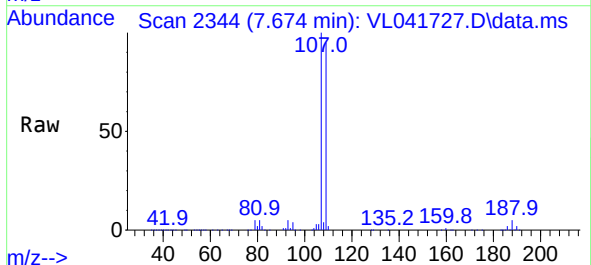
Tgt Ion: 91 Resp: 1196640
Ion Ratio Lower Upper
91 100
92 62.1 49.7 74.5

Manual Integrations
APPROVED

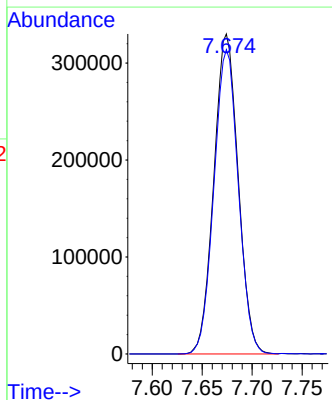
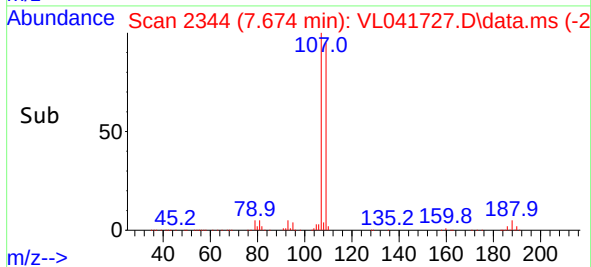
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

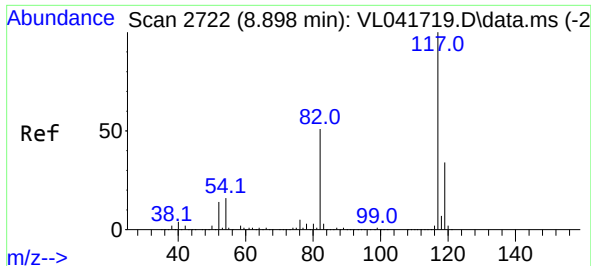


#54
1,2-Dibromoethane
Concen: 9.089 ppbv
RT: 7.674 min Scan# 2344
Delta R.T. 0.006 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57



Tgt Ion:107 Resp: 558361
Ion Ratio Lower Upper
107 100
109 95.1 75.5 113.3





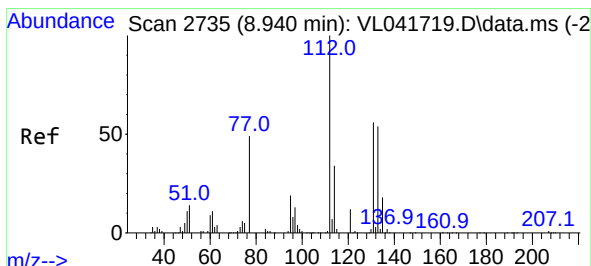
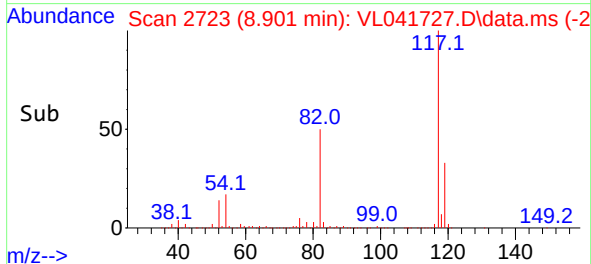
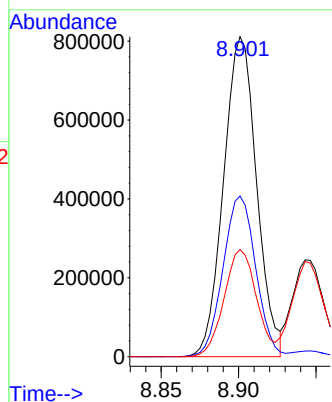
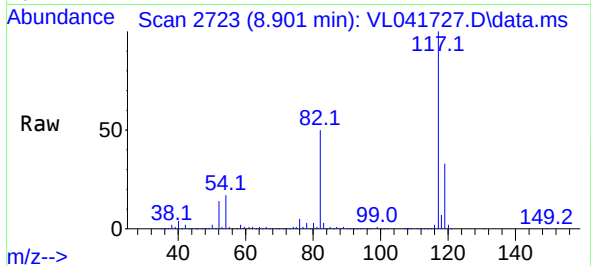
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.901 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

Instrument :
MSVOA_L
ClientSampleId :
ICVVL121124

Tgt Ion:117 Resp: 120424
Ion Ratio Lower Upper
117 100
82 51.4 41.3 61.9
119 33.8 25.8 38.8

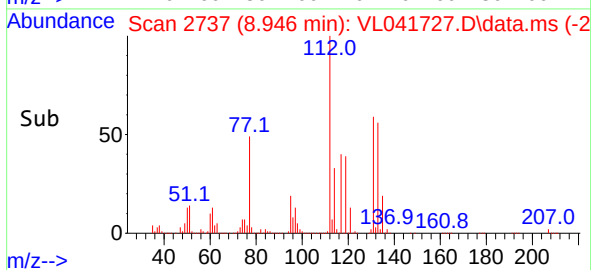
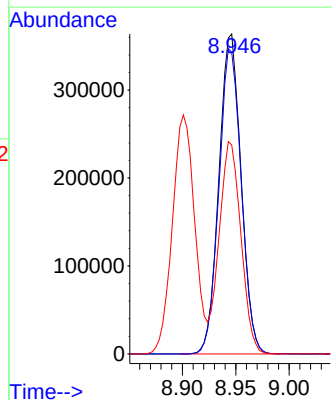
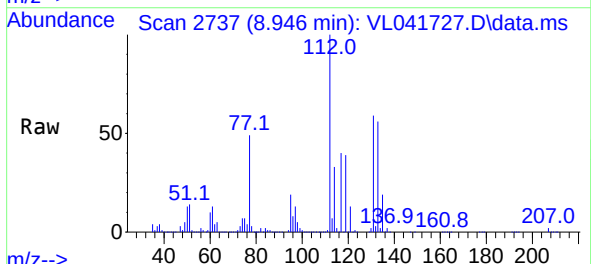
Manual Integrations
APPROVED

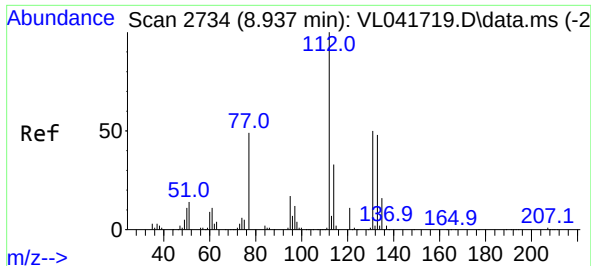
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 9.354 ppbv
RT: 8.946 min Scan# 2737
Delta R.T. 0.006 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

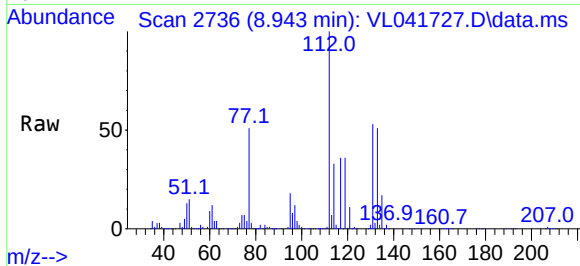
Tgt Ion:131 Resp: 523722
Ion Ratio Lower Upper
131 100
133 96.5 76.9 115.3
119 63.2 52.6 78.8





#57
Chlorobenzene
Concen: 9.067 ppbv
RT: 8.943 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

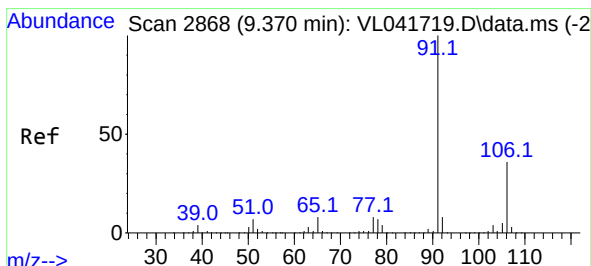
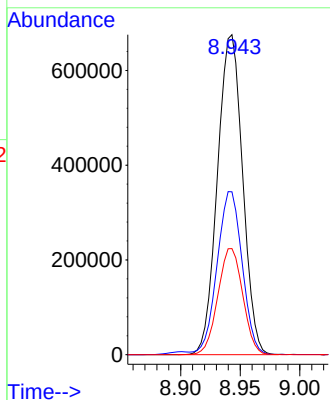
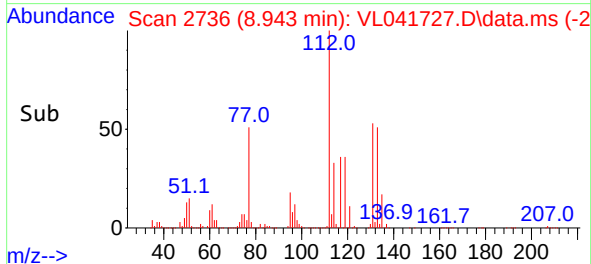
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121124



Tgt Ion:112 Resp: 99354
Ion Ratio Lower Upper
112 100
77 50.8 40.1 60.1
114 33.2 30.2 36.9

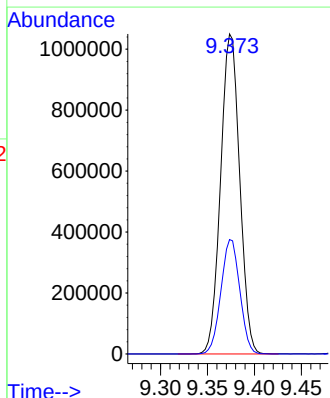
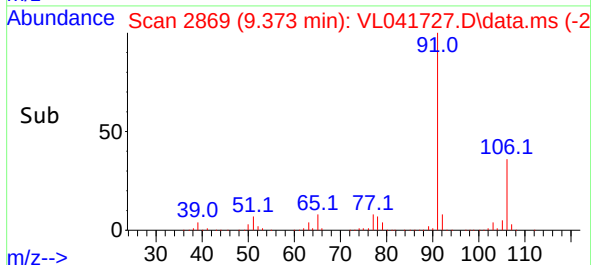
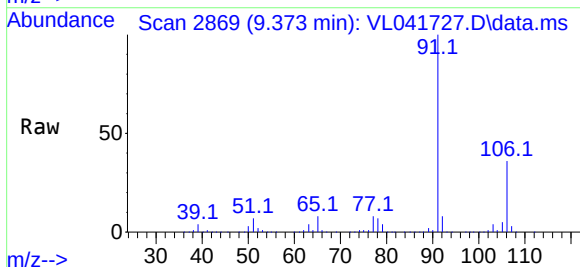
Manual Integrations
APPROVED

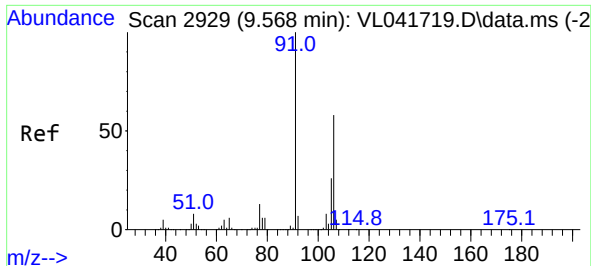
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#58
Ethyl Benzene
Concen: 9.192 ppbv
RT: 9.373 min Scan# 2869
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

Tgt Ion: 91 Resp: 1481316
Ion Ratio Lower Upper
91 100
106 35.8 28.6 43.0





#59

m/p-Xylene

Concen: 18.157 ppbv m

RT: 9.571 min Scan# 2929

Delta R.T. 0.003 min

Lab File: VL041727.D

Acq: 11 Dec 2024 18:57

Instrument :

MSVOA_L

ClientSampleId :

ICVVL121124

Tgt Ion: 91 Resp: 2242398

Ion Ratio Lower Upper

91 100

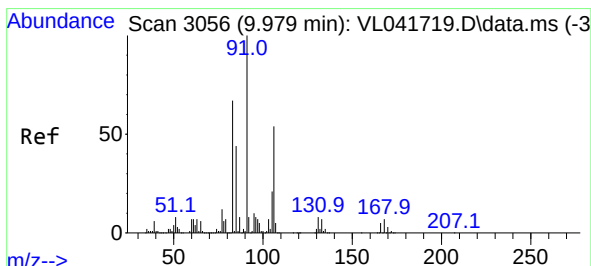
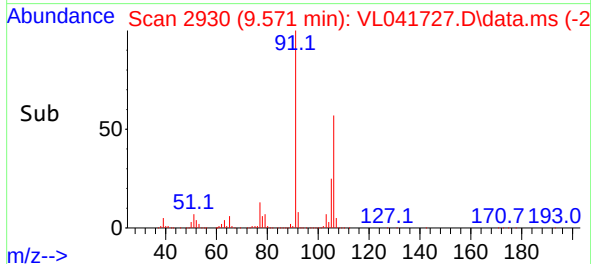
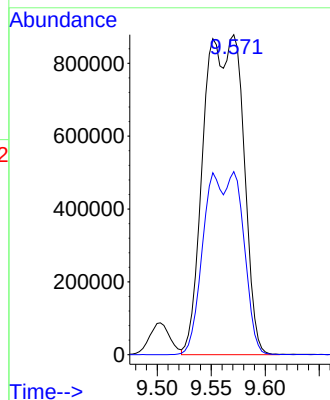
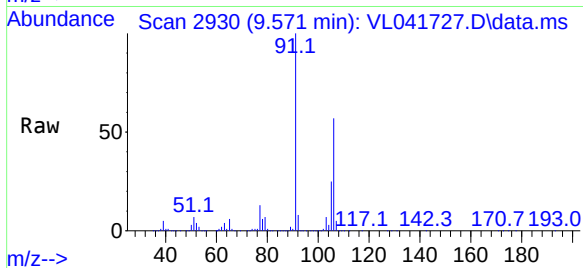
106 56.2 45.1 67.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024

Supervised By :Semsettin Yesilyurt 12/13/2024



#60

o-Xylene

Concen: 9.223 ppbv

RT: 9.982 min Scan# 3057

Delta R.T. 0.003 min

Lab File: VL041727.D

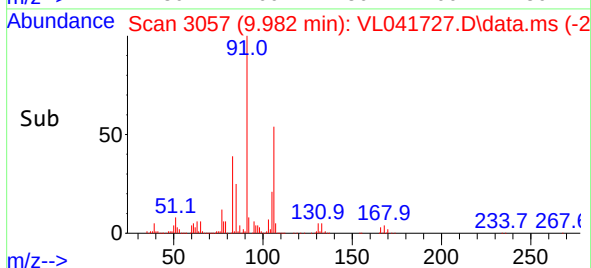
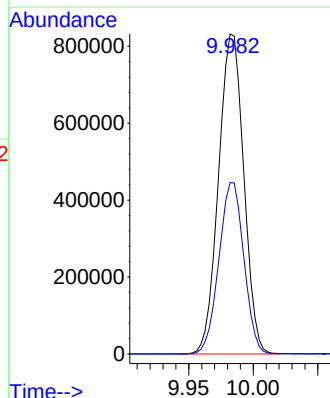
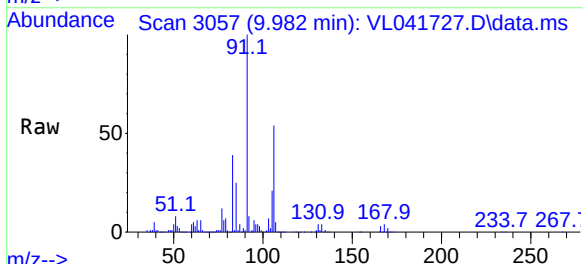
Acq: 11 Dec 2024 18:57

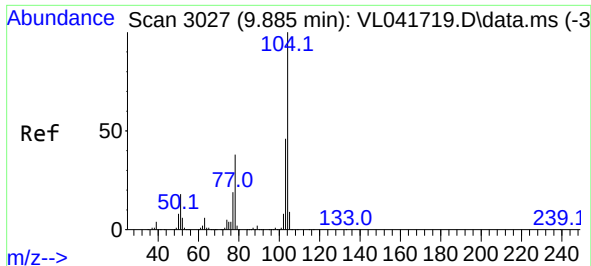
Tgt Ion: 91 Resp: 1129220

Ion Ratio Lower Upper

91 100

106 53.1 26.8 80.4





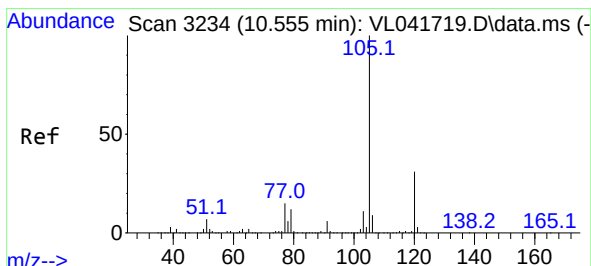
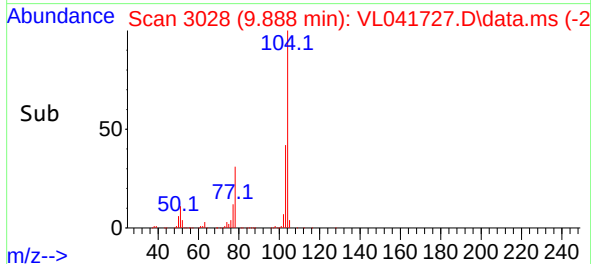
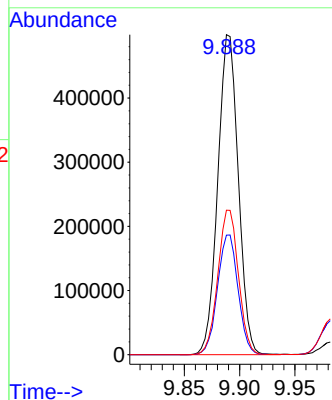
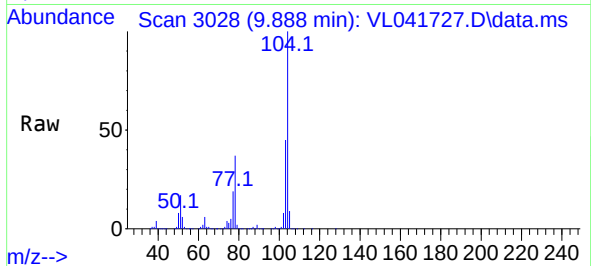
#61
Styrene
Concen: 9.513 ppbv
RT: 9.888 min Scan# 3027
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

Instrument :
MSVOA_L
ClientSampleId :
ICVVL121124

Tgt Ion:104 Resp: 642908
Ion Ratio Lower Upper
104 100
78 37.6 30.2 45.4
103 45.4 36.7 55.1

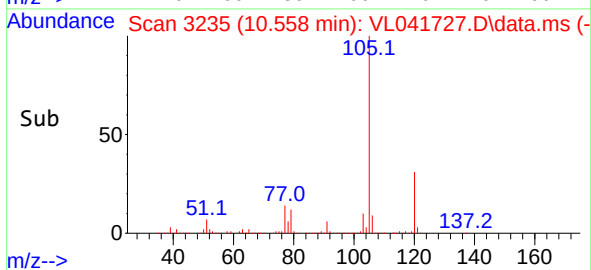
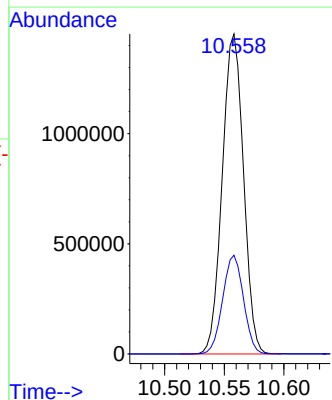
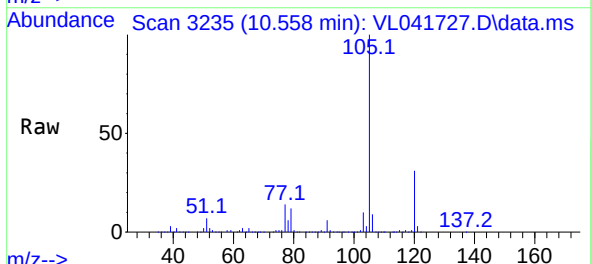
Manual Integrations
APPROVED

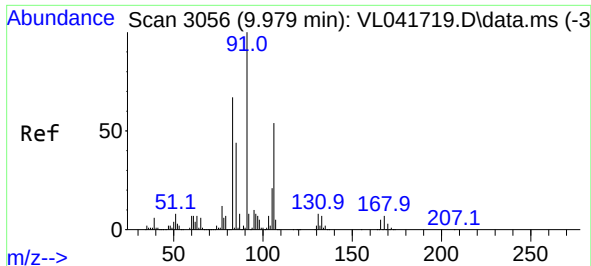
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#62
Isopropylbenzene
Concen: 8.899 ppbv
RT: 10.558 min Scan# 3235
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

Tgt Ion:105 Resp: 1797524
Ion Ratio Lower Upper
105 100
120 30.2 24.3 36.5





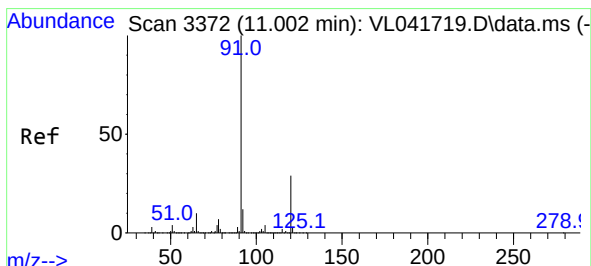
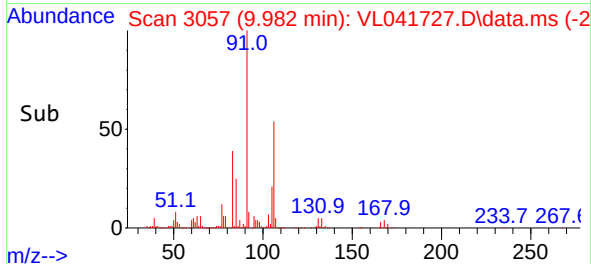
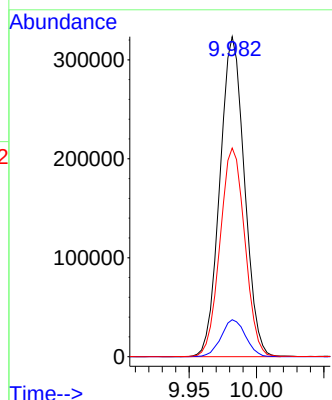
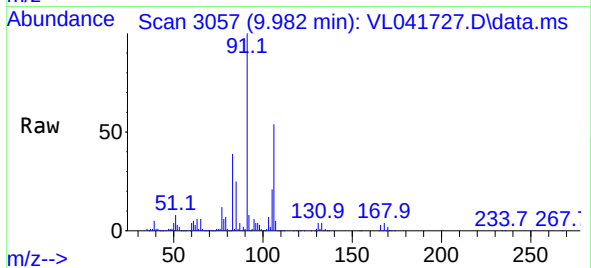
#63
1,1,2,2-Tetrachloroethane
Concen: 5.179 ppbv
RT: 9.982 min Scan# 3056
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

Instrument :
MSVOA_L
ClientSampleId :
ICVVL121124

Tgt Ion: 83 Resp: 410264
Ion Ratio Lower Upper
83 100
131 11.5 5.9 17.6
85 65.9 32.8 98.4

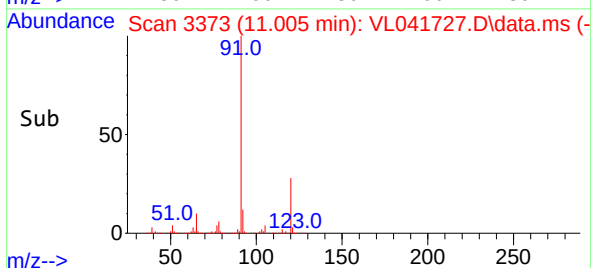
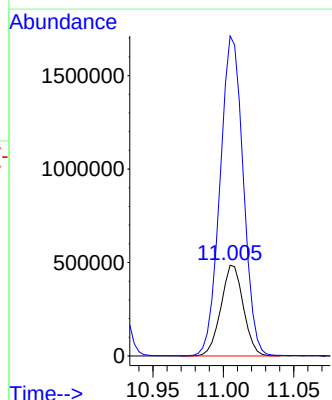
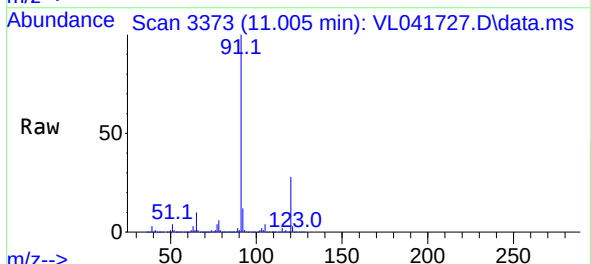
Manual Integrations
APPROVED

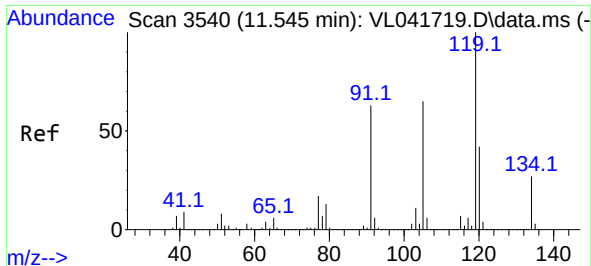
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#64
n-propylbenzene
Concen: 9.046 ppbv
RT: 11.005 min Scan# 3373
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

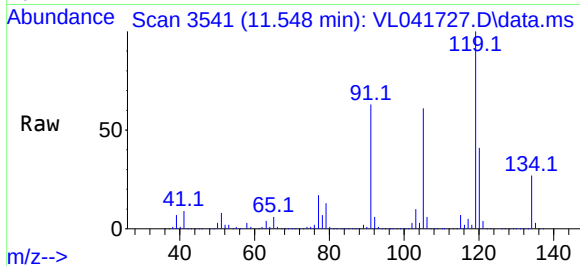
Tgt Ion:120 Resp: 537948
Ion Ratio Lower Upper
120 100
91 366.0 290.8 436.2





#65
tert-Butylbenzene
Concen: 8.946 ppbv
RT: 11.548 min Scan# 3540
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

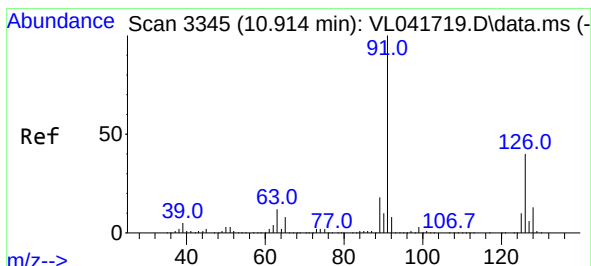
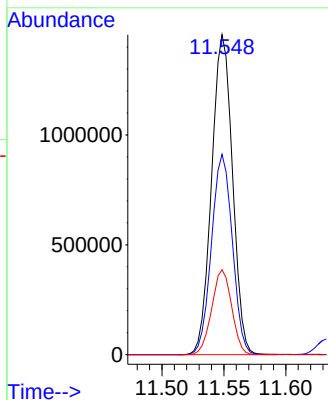
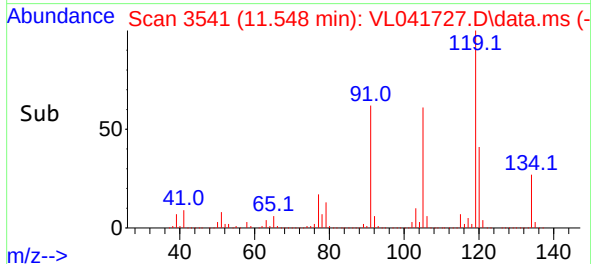
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121124



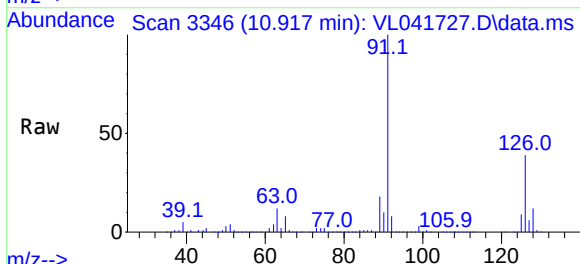
Tgt Ion: 119 Resp: 1712958
Ion Ratio Lower Upper
119 100
91 62.5 50.2 75.4
134 25.4 20.4 30.6

Manual Integrations
APPROVED

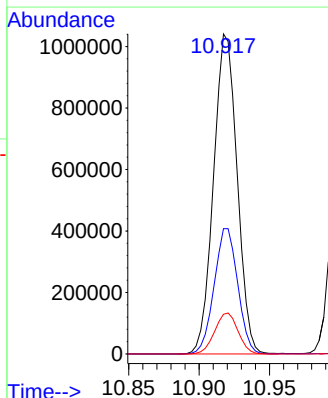
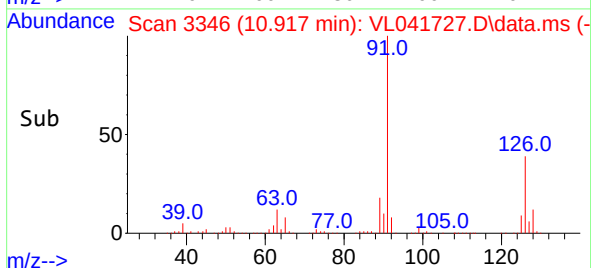
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

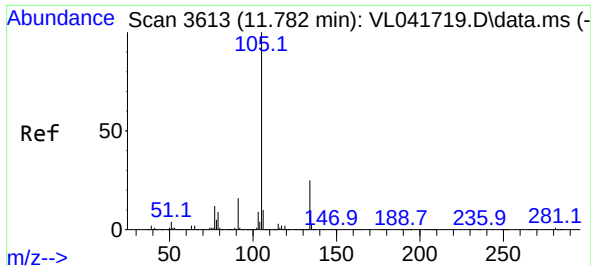


#66
Benzyl Chloride
Concen: 8.842 ppbv
RT: 10.917 min Scan# 3346
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57



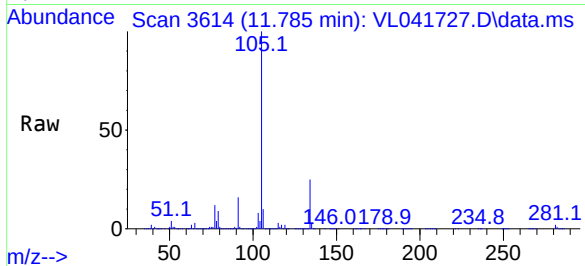
Tgt Ion: 91 Resp: 1214041
Ion Ratio Lower Upper
91 100
126 39.2 31.8 47.8
128 12.7 10.3 15.5





#67
sec-Butylbenzene
Concen: 8.788 ppbv
RT: 11.785 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

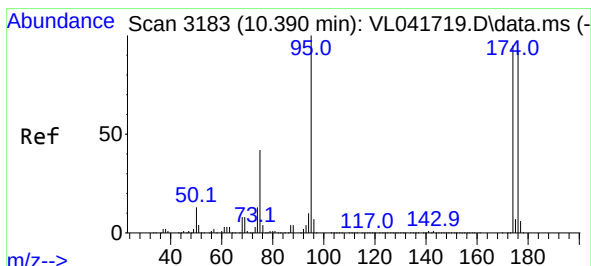
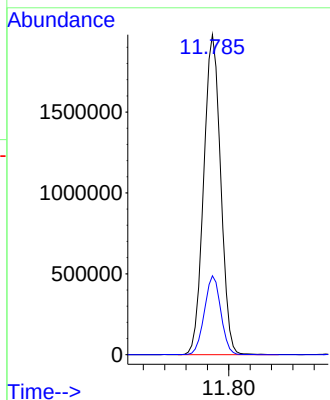
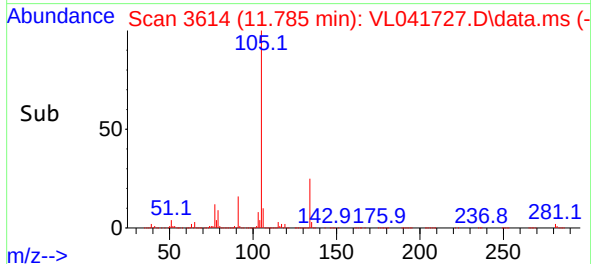
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121124



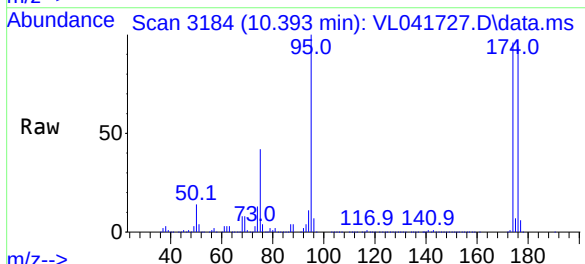
Tgt Ion:105 Resp: 2177949
Ion Ratio Lower Upper
105 100
134 23.9 19.3 28.9

Manual Integrations
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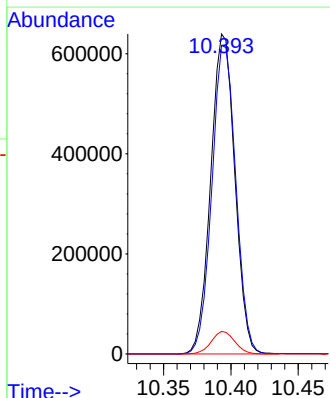
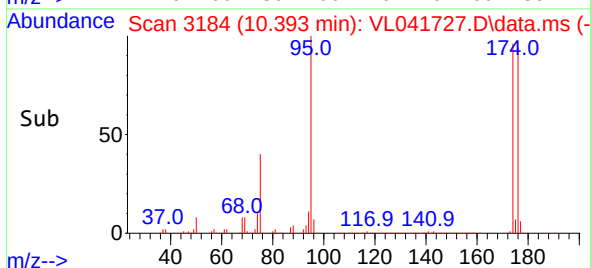
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

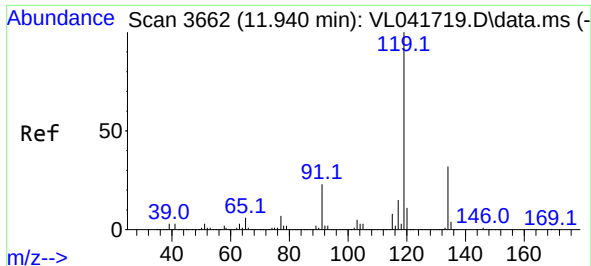


#68
1-Bromo-4-Fluorobenzene
Concen: 10.041 ppbv
RT: 10.393 min Scan# 3184
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57



Tgt Ion: 95 Resp: 794892
Ion Ratio Lower Upper
95 100
174 96.2 76.7 115.1
175 6.9 5.4 8.2





#69

p-Isopropyltoluene

Concen: 8.978 ppbv

RT: 11.943 min Scan# 3662

Delta R.T. 0.003 min

Lab File: VL041727.D

Acq: 11 Dec 2024 18:57

Instrument :

MSVOA_L

ClientSampleId :

ICVVL121124

Tgt Ion:119 Resp: 1919190

Ion Ratio Lower Upper

119 100

134 30.2 24.6 36.8

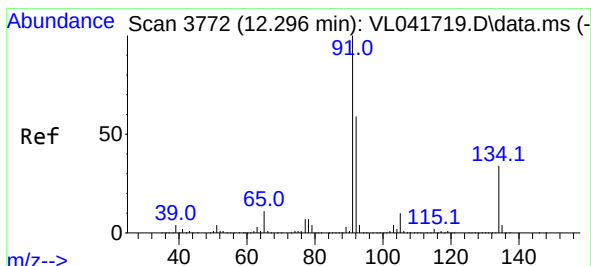
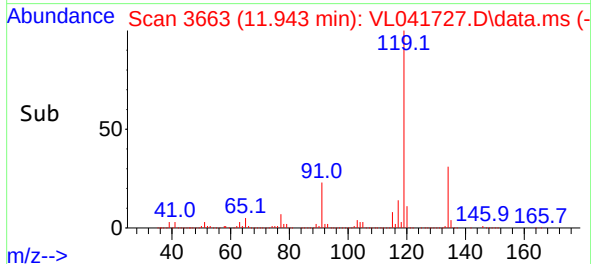
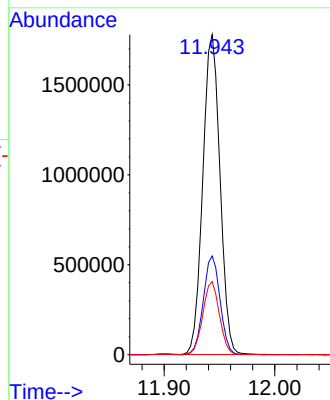
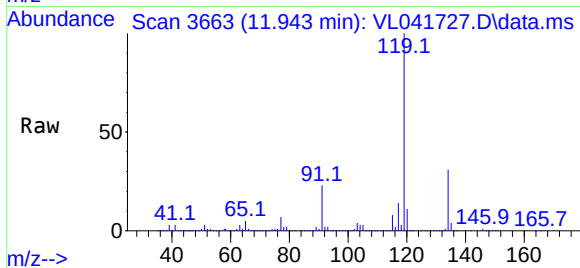
91 22.1 17.8 26.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024

Supervised By :Semsettin Yesilyurt 12/13/2024



#70

n-Butylbenzene

Concen: 9.120 ppbv

RT: 12.299 min Scan# 3773

Delta R.T. 0.003 min

Lab File: VL041727.D

Acq: 11 Dec 2024 18:57

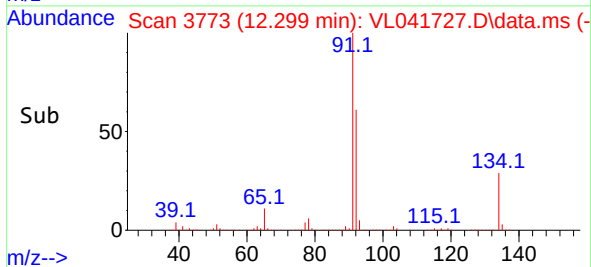
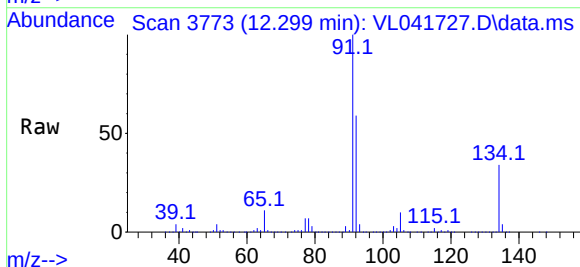
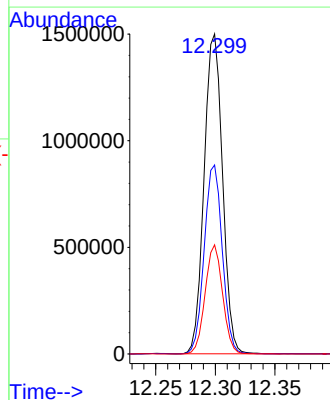
Tgt Ion: 91 Resp: 1617908

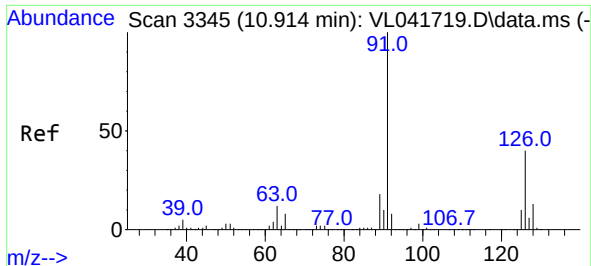
Ion Ratio Lower Upper

91 100

92 58.4 46.7 70.1

134 32.5 26.2 39.4





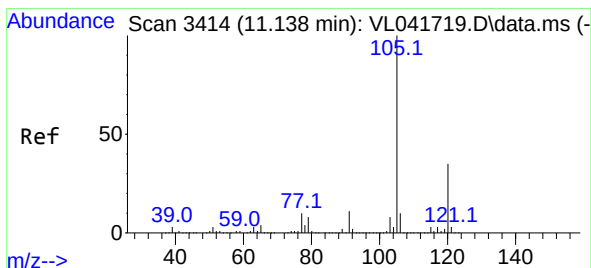
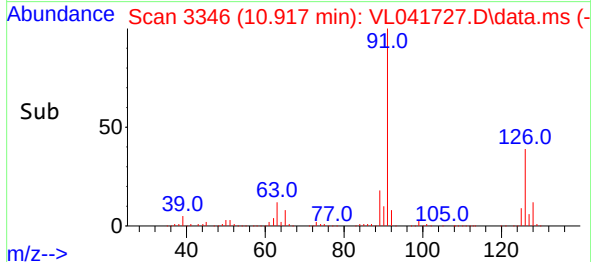
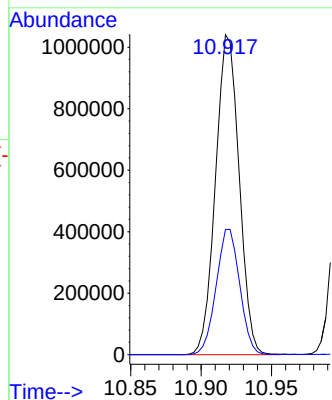
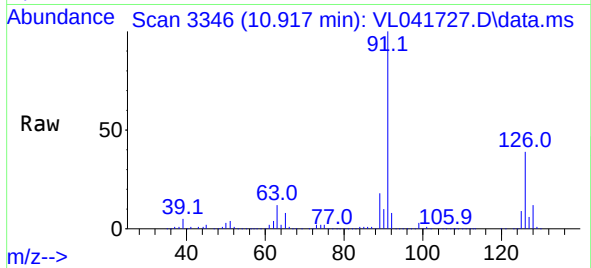
#71
2-Chlorotoluene
Concen: 8.842 ppbv
RT: 10.917 min Scan# 311
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

Instrument :
MSVOA_L
ClientSampleId :
ICVVL121124

Tgt Ion: 91 Resp: 121404
Ion Ratio Lower Upper
91 100
126 39.2 15.9 63.7

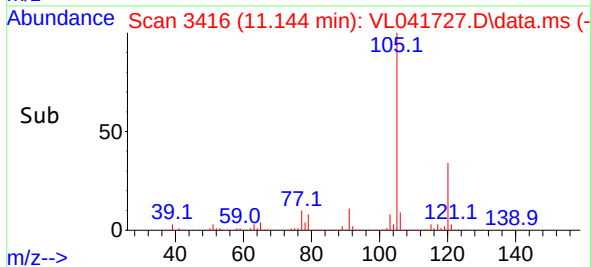
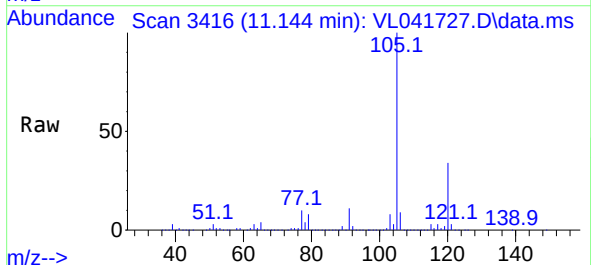
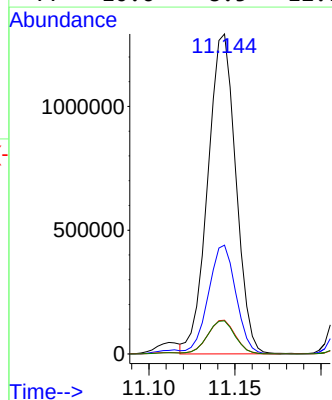
Manual Integrations
APPROVED

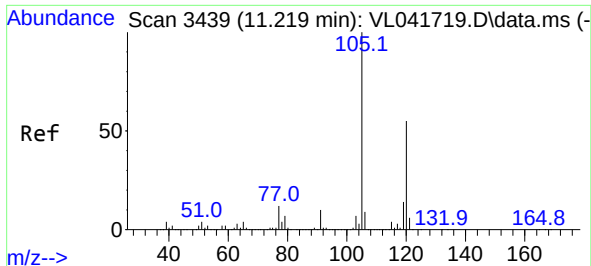
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#72
4-Ethyltoluene
Concen: 9.270 ppbv
RT: 11.144 min Scan# 3416
Delta R.T. 0.006 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

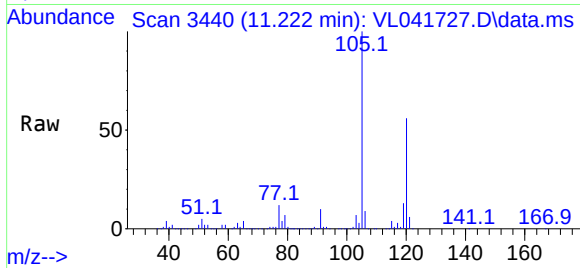
Tgt Ion:105 Resp: 1465645
Ion Ratio Lower Upper
105 100
120 34.5 28.0 42.0
91 10.8 8.8 13.2
77 10.6 8.5 12.7





#73
1,3,5-Trimethylbenzene
Concen: 9.422 ppbv
RT: 11.222 min Scan# 3439
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

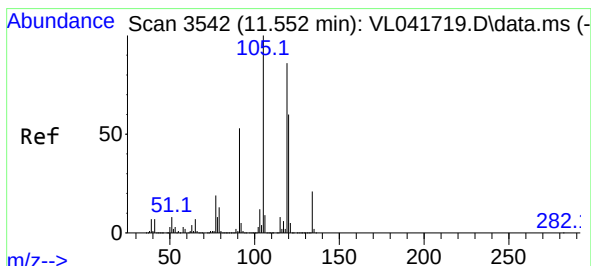
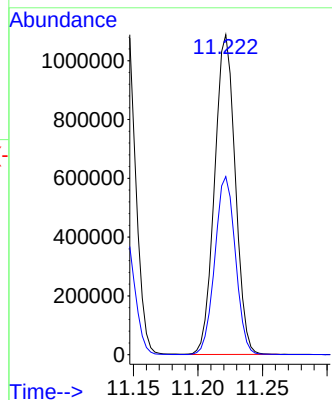
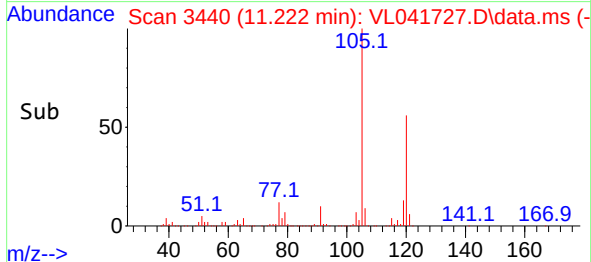
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121124



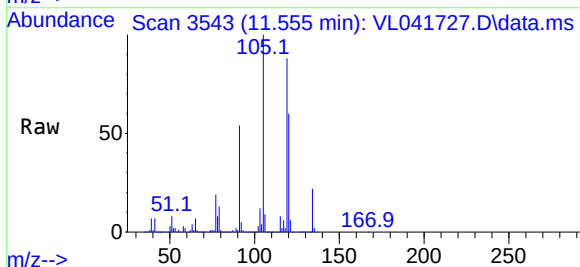
Tgt Ion:105 Resp: 1205117
Ion Ratio Lower Upper
105 100
120 55.7 43.6 65.4

Manual Integrations
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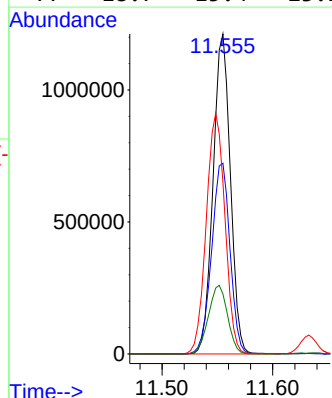
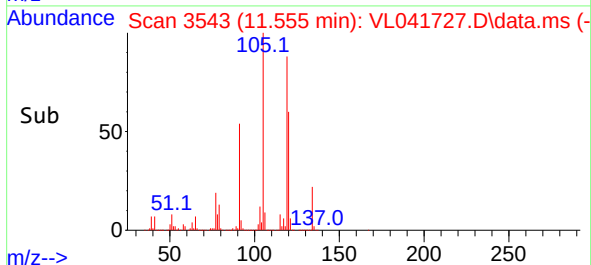
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

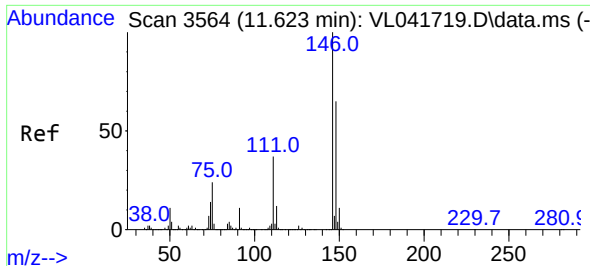


#74
1,2,4-Trimethylbenzene
Concen: 9.485 ppbv
RT: 11.555 min Scan# 3543
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57



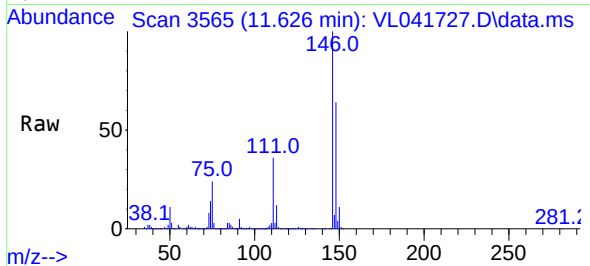
Tgt Ion:105 Resp: 1318865
Ion Ratio Lower Upper
105 100
120 59.6 47.8 71.6
91 53.7 42.5 63.7
77 18.7 15.4 23.2





#75
1,3-Dichlorobenzene
Concen: 8.816 ppbv
RT: 11.626 min Scan# 3564
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

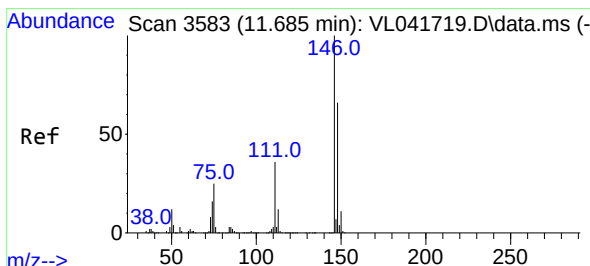
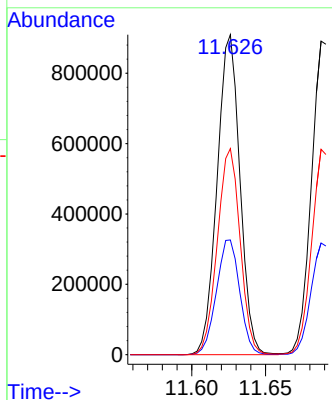
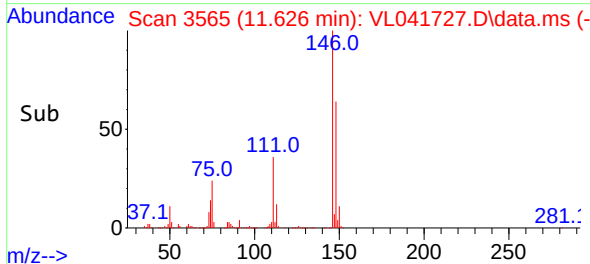
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121124



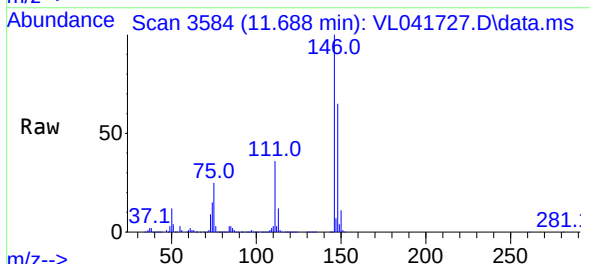
Tgt Ion:146 Resp: 979618
Ion Ratio Lower Upper
146 100
111 36.7 18.4 55.2
148 64.4 32.4 97.2

Manual Integrations
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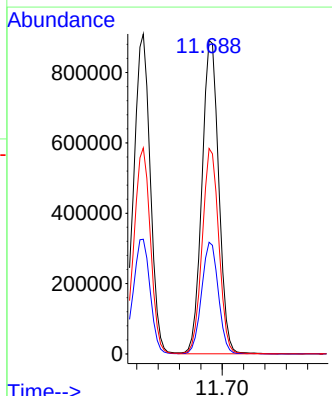
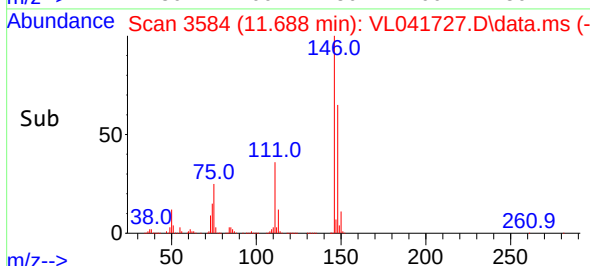
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

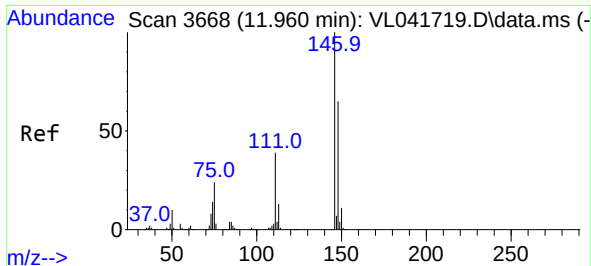


#76
1,4-Dichlorobenzene
Concen: 8.869 ppbv
RT: 11.688 min Scan# 3584
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57



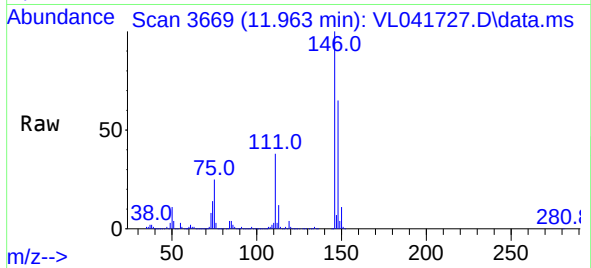
Tgt Ion:146 Resp: 973358
Ion Ratio Lower Upper
146 100
111 35.6 17.8 53.4
148 65.0 32.4 97.2





#77
1,2-Dichlorobenzene
Concen: 8.821 ppbv
RT: 11.963 min Scan# 3669
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

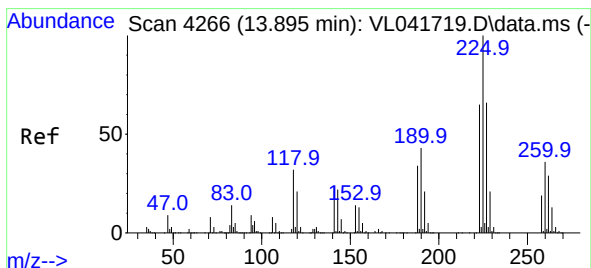
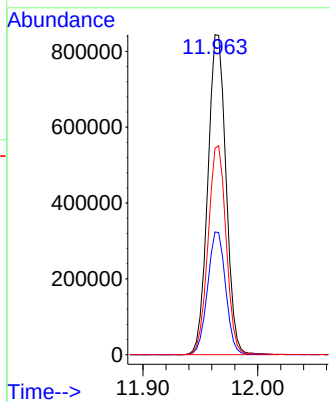
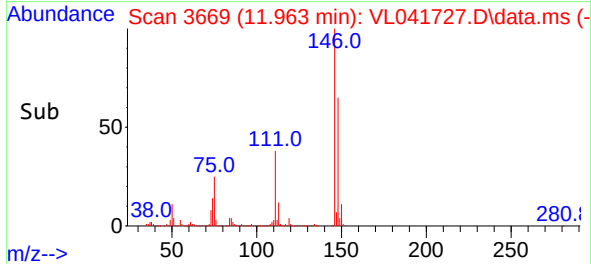
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121124



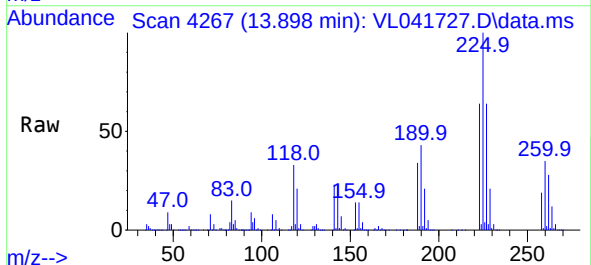
Tgt Ion:146 Resp: 928133
Ion Ratio Lower Upper
146 100
111 38.3 19.2 57.6
148 65.0 32.4 97.2

Manual Integrations
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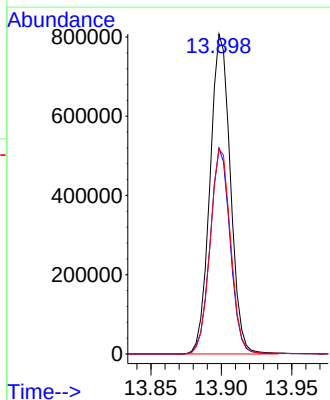
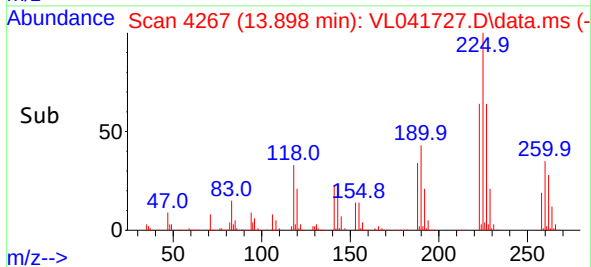
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

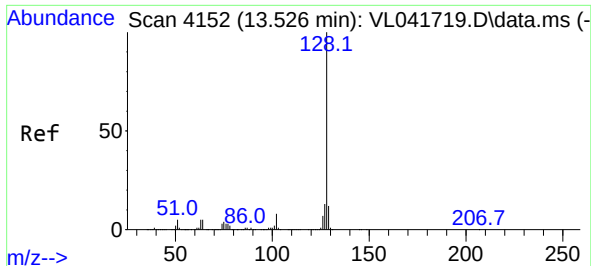


#78
Hexachloro-1,3-Butadiene
Concen: 9.399 ppbv
RT: 13.898 min Scan# 4267
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57



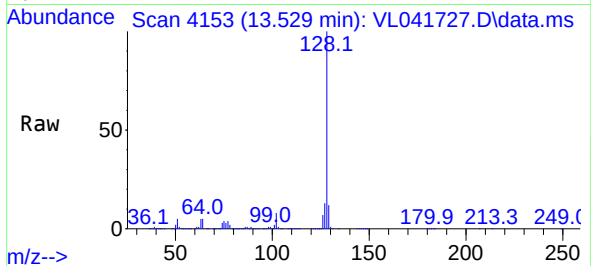
Tgt Ion:225 Resp: 812858
Ion Ratio Lower Upper
225 100
223 63.6 51.1 76.7
227 64.7 51.8 77.6





#79
Naphthalene
Concen: 11.046 ppbv
RT: 13.529 min Scan# 4152
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

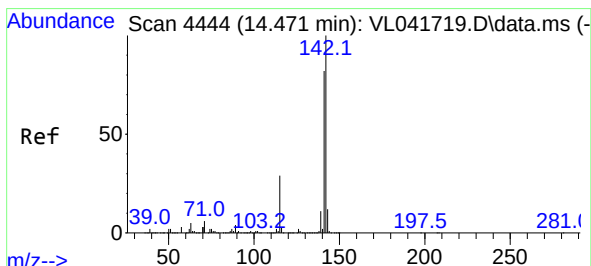
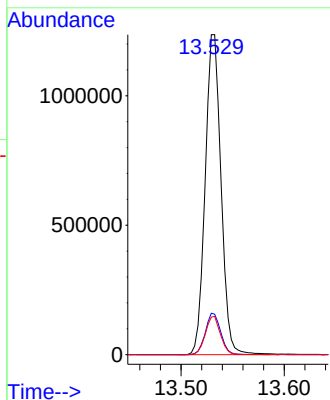
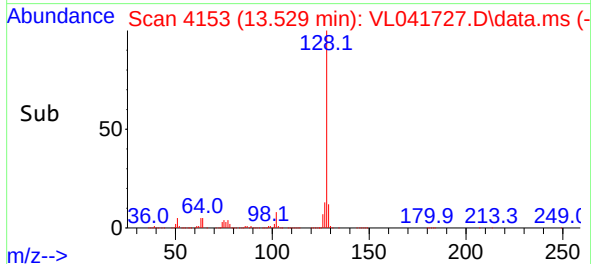
Instrument :
MSVOA_L
ClientSampleId :
ICVVL121124



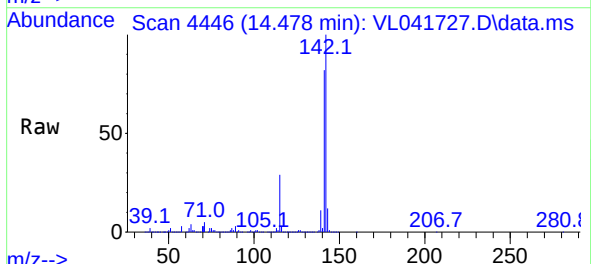
Tgt Ion:128 Resp: 1314699
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.8 9.4 14.0

Manual Integrations
APPROVED

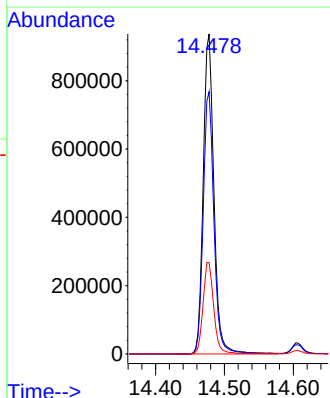
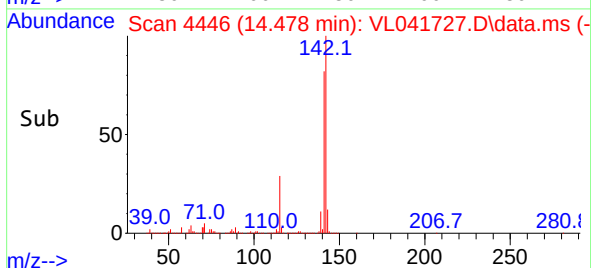
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

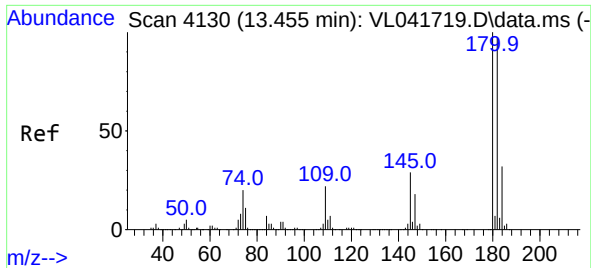


#80
Naphthalene,2-methyl-
Concen: 23.353 ppbv
RT: 14.478 min Scan# 4446
Delta R.T. 0.006 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57



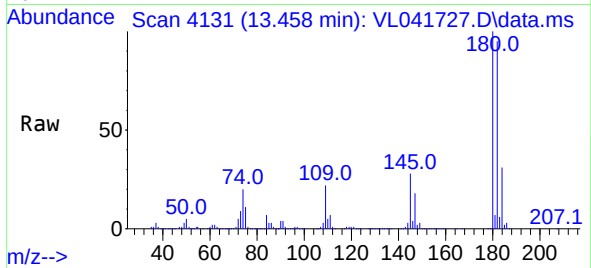
Tgt Ion:142 Resp: 1005562
Ion Ratio Lower Upper
142 100
141 82.3 66.0 99.0
115 28.8 22.8 34.2





#81
1,2,4-Trichlorobenzene
Concen: 10.660 ppbv
RT: 13.458 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041727.D
Acq: 11 Dec 2024 18:57

Instrument :
MSVOA_L
ClientSampleId :
ICVVL121124



Tgt Ion:180 Resp: 798790
Ion Ratio Lower Upper
180 100
182 95.8 77.2 115.8
184 31.6 25.2 37.8

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

