

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041736.D
 Acq On : 11 Dec 2024 23:41
 Operator : SY/MD
 Sample : VL1211ABS02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1211ABS02

Manual Integrations
 APPROVED

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

Quant Time: Dec 12 13:40:07 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)

Internal Standards						
1) Bromochloromethane	2.787	49	261097	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	1256819	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	1119484	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.383 95 748643 10.173 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	573861	12.522	ppbv	99
3) Chlorodifluoromethane	1.473	51	312858	8.802	ppbv	100
4) Chloromethane	1.531	50	151976	12.496	ppbv	100
5) Vinyl Chloride	1.580	62	183614	12.327	ppbv	98
6) Bromomethane	1.667	94	109854	11.245	ppbv	98
7) Chloroethane	1.706	64	80077	12.358	ppbv	100
8) Dichlorotetrafluoroethane	1.554	85	505121	13.517	ppbv	93
9) Propene	1.483	41	140359	9.261	ppbv	100
10) Heptane	4.985	43	389580	9.298	ppbv	100
11) Trichlorofluoromethane	1.877	101	636038	12.053	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.140	101	544749	11.465	ppbv	96
13) Ethanol	1.719	45	4539	3.621	ppbv	94
14) Bromoethene	1.780	108	220586	12.666	ppbv	99
15) Acetone	1.832	43	272588	9.043	ppbv	97
16) 1,3-Butadiene	1.609	39	115584	11.430	ppbv	95
17) tert-Butyl alcohol	2.036	59	459881	10.523	ppbv	99
18) 1,1-Dichloroethene	2.036	96	249219	11.544	ppbv	93
19) Isopropyl Alcohol	1.884	45	176169	6.152	ppbv	89
20) Methylene Chloride	2.062	84	196900	10.783	ppbv	99
21) Allyl Chloride	2.098	41	191604	11.288	ppbv	97
22) trans-1,2-Dichloroethene	2.340	96	283158	11.297	ppbv	99
23) Vinyl Acetate	2.460	43	192655	10.554	ppbv	99
24) 1,1-Dichloroethane	2.408	63	390113	11.492	ppbv	99
25) Ethyl Acetate	4.985	43	389580	9.298	ppbv #	100
26) Hexane	2.829	57	373436	9.190	ppbv	97
27) Carbon Disulfide	2.153	76	482015	11.521	ppbv	99
28) Methyl tert-Butyl Ether	2.437	73	305838	10.028	ppbv	100
29) Chloroform	2.848	83	571553	9.188	ppbv	100
30) Cyclohexane	3.862	84	417800	9.155	ppbv	97
31) cis-1,2-Dichloroethene	2.722	61	345579	9.181	ppbv	100
32) 1,1,1-Trichloroethane	3.370	97	568384	9.292	ppbv	99
34) 2-Butanone	2.554	43	399186	9.071	ppbv	99
35) Carbon Tetrachloride	3.768	117	587873	10.043	ppbv	99
36) Benzene	3.661	78	924536	9.356	ppbv	99
37) 1,2-Dichloroethane	3.217	62	341701	9.572	ppbv	99
38) Trichloroethene	4.551	130	665444	12.985	ppbv	99
39) 1,2-Dichloropropane	4.315	63	299887	9.524	ppbv	99
40) 1,4-Dioxane	4.583	88	164924	8.681	ppbv #	98
41) Tetrahydrofuran	3.052	42	252295	9.514	ppbv	99
42) Bromodichloromethane	4.493	83	575114	9.979	ppbv	98
43) Methyl Methacrylate	4.881	69	336365	9.450	ppbv	99
44) 2,2,4-Trimethylpentane	4.645	57	1295064	9.415	ppbv	100
45) t-1,3-Dichloropropene	6.418	75	272243	7.839	ppbv	99

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Manual Integrations
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Quant Time: Dec 12 13:40:07 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

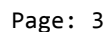
Response via : Initial Calibration

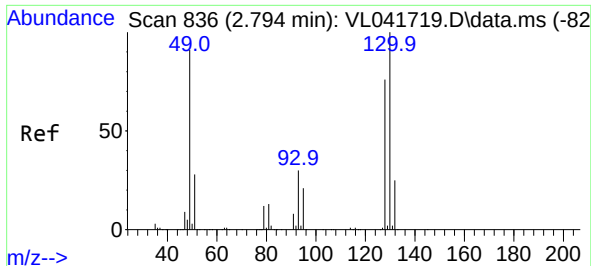
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.606	75	393505	8.536	ppbv	99
47) 1,1,2-Trichloroethane	6.587	97	387693	9.247	ppbv	98
48) Dibromochloromethane	7.393	129	591298	9.788	ppbv	99
49) Bromoform	9.490	173	562391	9.730	ppbv	100
50) 4-Methyl-2-Pentanone	5.752	43	602605	9.548	ppbv	99
51) 2-Hexanone	7.441	43	473720	9.125	ppbv	99
52) Tetrachloroethene	8.231	164	463566	8.854	ppbv	99
53) Toluene	6.940	91	1119426	9.218	ppbv	100
54) 1,2-Dibromoethane	7.658	107	528001	9.212	ppbv	98
56) 1,1,1,2-Tetrachloroethane	8.930	131	490202	9.418	ppbv	100
57) Chlorobenzene	8.927	112	933220	9.161	ppbv	99
58) Ethyl Benzene	9.361	91	1398960	9.338	ppbv	100
59) m/p-Xylene	9.558	91	2128084m	18.536	ppbv	
60) o-Xylene	9.969	91	1073122	9.428	ppbv	99
61) Styrene	9.875	104	599403	9.540	ppbv	99
62) Isopropylbenzene	10.545	105	1695295	9.029	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.969	83	390592	5.304	ppbv	100
64) n-propylbenzene	10.995	120	510127	9.227	ppbv	97
65) tert-Butylbenzene	11.539	119	1626384	9.137	ppbv	99
66) Benzyl Chloride	10.908	91	1150559	9.014	ppbv	99
67) sec-Butylbenzene	11.775	105	2093007	9.084	ppbv	99
69) p-Isopropyltoluene	11.934	119	1823257	9.175	ppbv	99
70) n-Butylbenzene	12.290	91	1549304	9.395	ppbv	99
71) 2-Chlorotoluene	10.908	91	1150559	9.014	ppbv	98
72) 4-Ethyltoluene	11.131	105	1389535	9.454	ppbv	99
73) 1,3,5-Trimethylbenzene	11.212	105	1145161	9.631	ppbv	100
74) 1,2,4-Trimethylbenzene	11.545	105	1257260	9.726	ppbv	97
75) 1,3-Dichlorobenzene	11.613	146	928333	8.987	ppbv	100
76) 1,4-Dichlorobenzene	11.678	146	923709	9.054	ppbv	100
77) 1,2-Dichlorobenzene	11.953	146	883309	9.031	ppbv	100
78) Hexachloro-1,3-Butadiene	13.892	225	771483	9.596	ppbv	100
79) Naphthalene	13.523	128	1230885	11.125	ppbv	100
80) Naphthalene,2-methyl-	14.468	142	920550	22.997	ppbv	99
81) 1,2,4-Trichlorobenzene	13.448	180	746302	10.713	ppbv	100

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

Manual Integrations

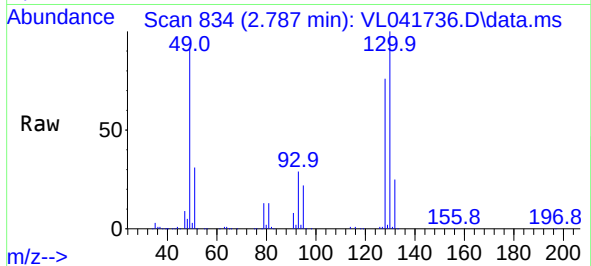
Quant Time: Dec 12 13:40:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
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#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. -0.007 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

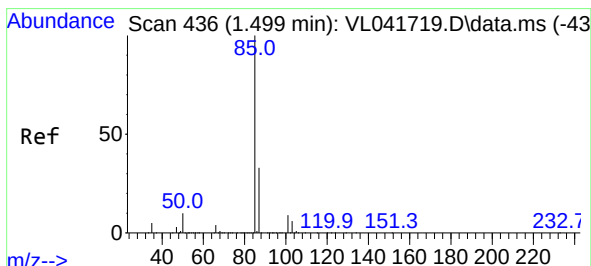
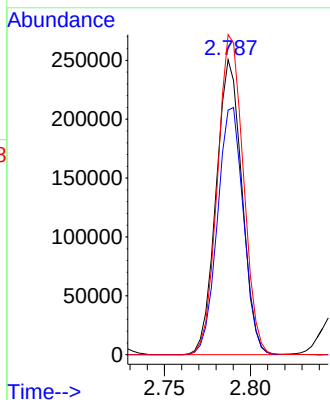
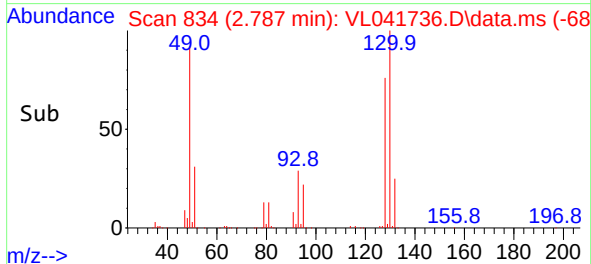
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS02



Tgt Ion: 49 Resp: 26109
Ion Ratio Lower Upper
49 100
128 85.0 42.8 128.3
130 109.1 55.8 167.4

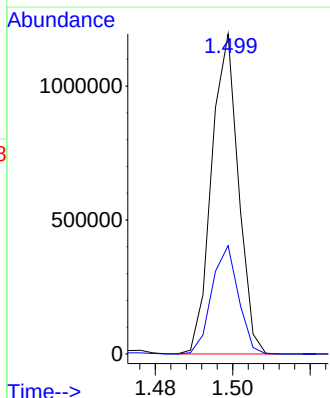
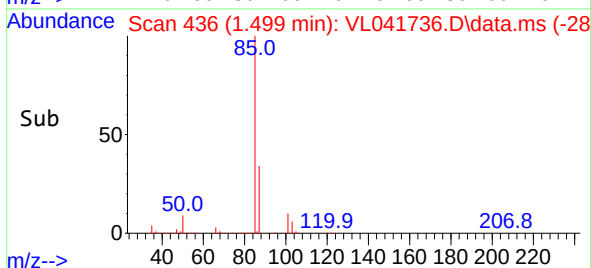
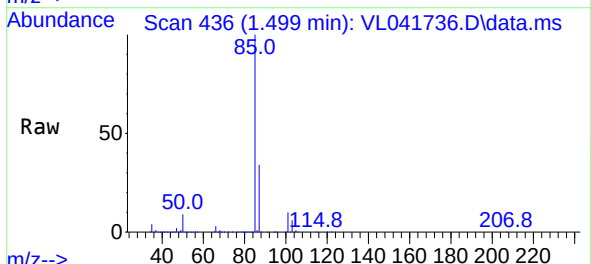
Manual Integrations
APPROVED

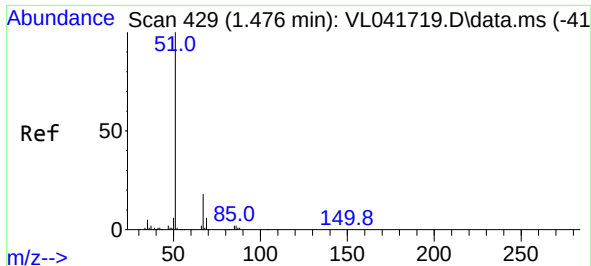
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#2
Dichlorodifluoromethane
Concen: 12.522 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

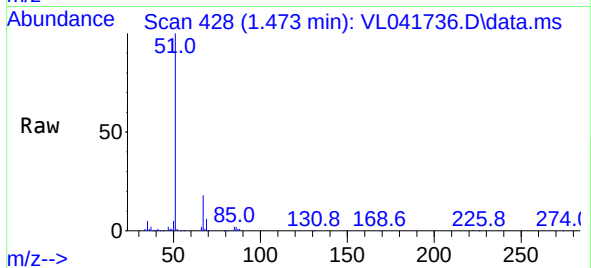
Tgt Ion: 85 Resp: 573861
Ion Ratio Lower Upper
85 100
87 33.9 26.6 39.8





#3
Chlorodifluoromethane
Concen: 8.802 ppbv
RT: 1.473 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

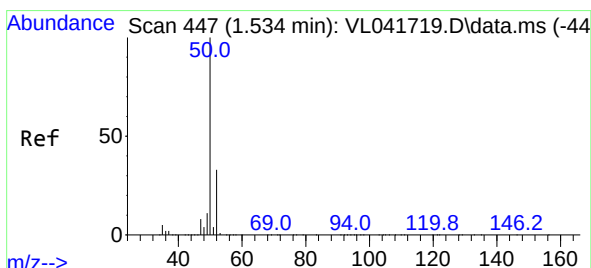
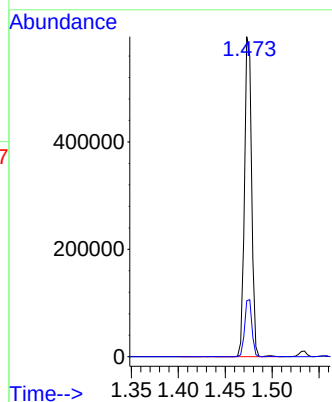
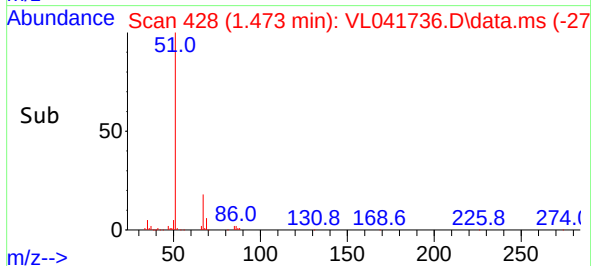
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS02



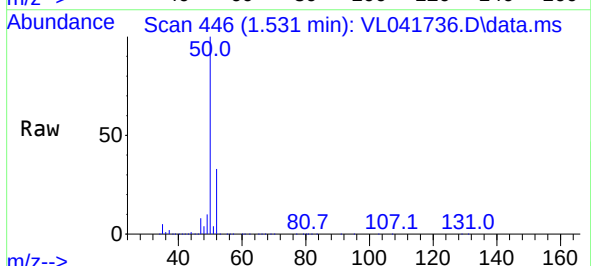
Tgt Ion: 51 Resp: 31285
Ion Ratio Lower Upper
51 100
67 18.2 14.6 21.8

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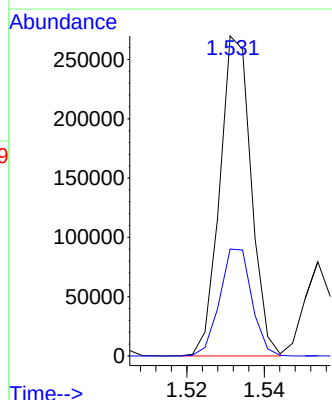
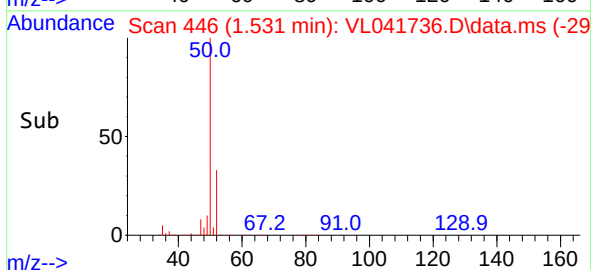
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

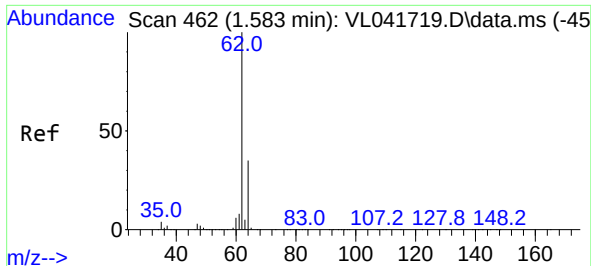


#4
Chloromethane
Concen: 12.496 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.003 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41



Tgt Ion: 50 Resp: 151976
Ion Ratio Lower Upper
50 100
52 33.4 26.6 40.0





#5
 Vinyl Chloride
 Concen: 12.327 ppbv
 RT: 1.580 min Scan# 40
 Delta R.T. -0.003 min
 Lab File: VL041736.D
 Acq: 11 Dec 2024 23:41

Instrument :

MSVOA_L

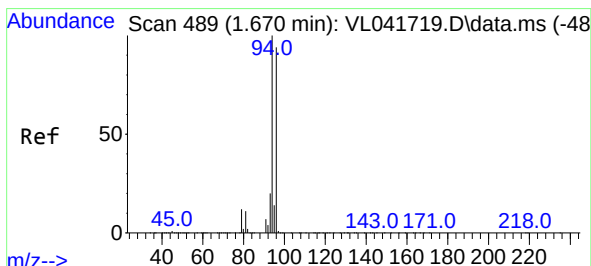
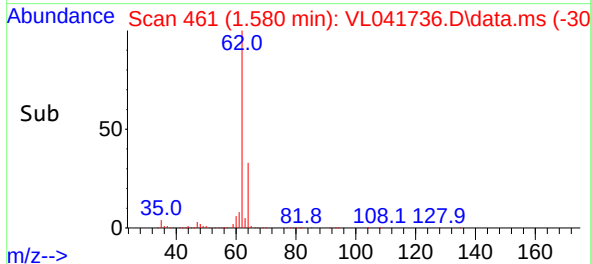
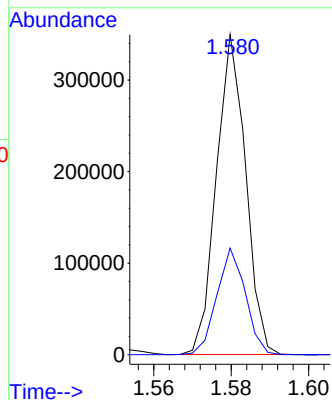
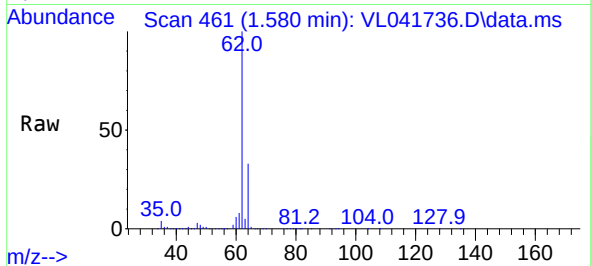
ClientSampleId :

VL1211ABS02

Tgt Ion: 62 Resp: 183614
 Ion Ratio Lower Upper
 62 100
 64 33.3 27.6 41.4

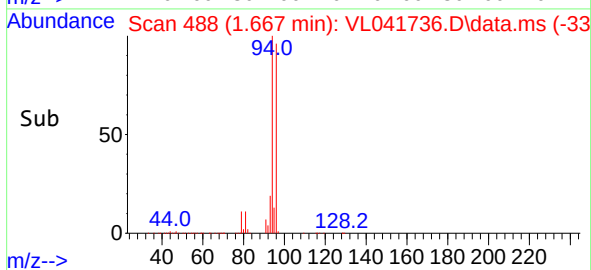
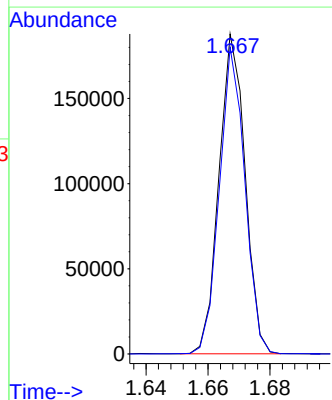
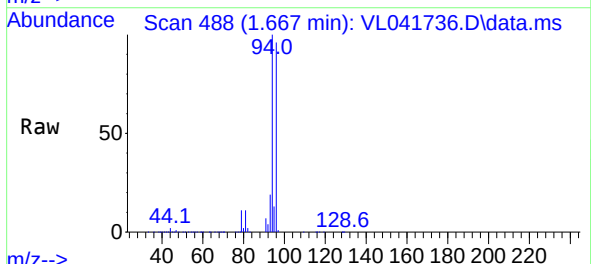
Manual Integrations
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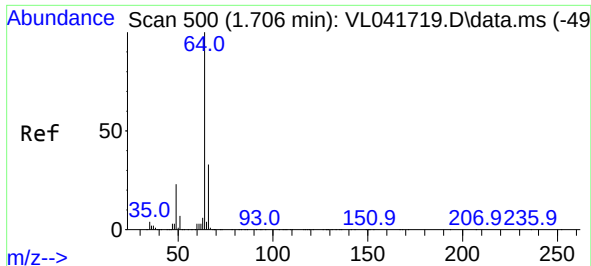
Reviewed By :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024



#6
 Bromomethane
 Concen: 11.245 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.003 min
 Lab File: VL041736.D
 Acq: 11 Dec 2024 23:41

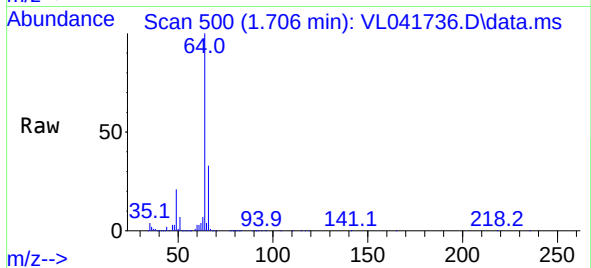
Tgt Ion: 94 Resp: 109854
 Ion Ratio Lower Upper
 94 100
 96 95.8 75.4 113.0





#7
Chloroethane
Concen: 12.358 ppbv
RT: 1.706 min Scan# 500
Delta R.T. -0.000 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

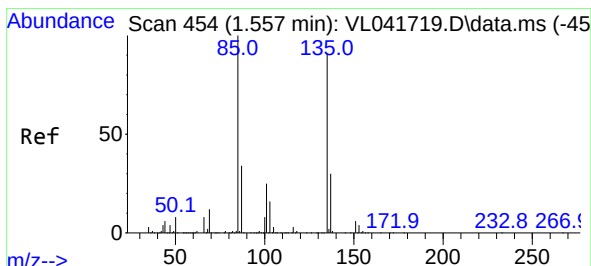
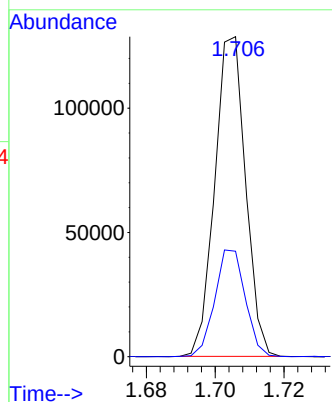
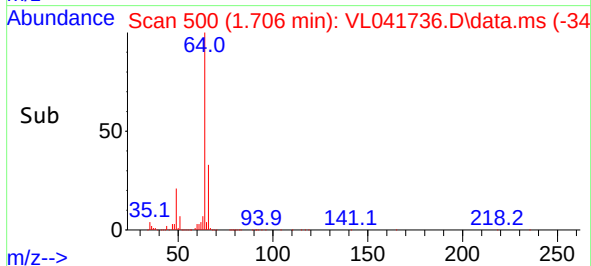
Instrument :
MSVOA_L
ClientSampleId :
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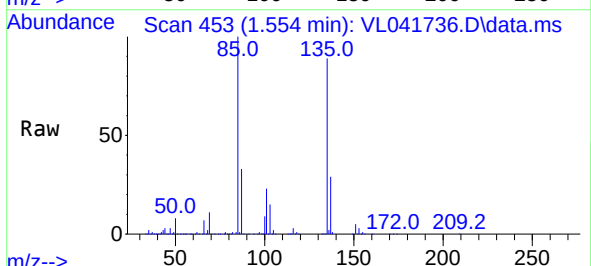
Tgt Ion: 64 Resp: 80072
Ion Ratio Lower Upper
64 100
66 32.9 26.5 39.7

Manual Integrations
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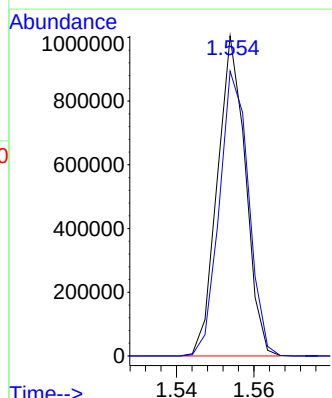
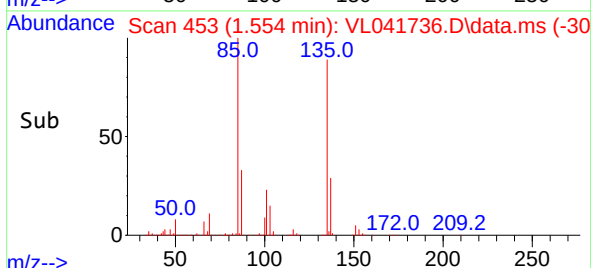
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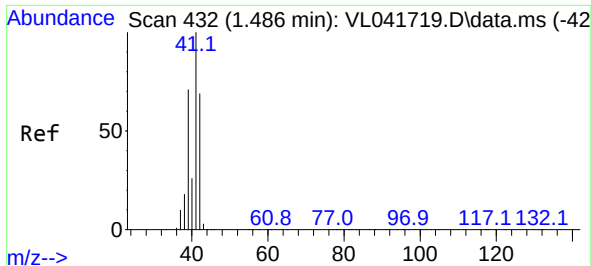


#8
Dichlorotetrafluoroethane
Concen: 13.517 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.003 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41



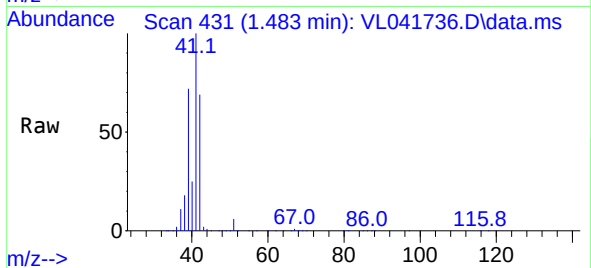
Tgt Ion: 85 Resp: 505121
Ion Ratio Lower Upper
85 100
135 92.9 69.0 103.6





#9
Propene
Concen: 9.261 ppbv
RT: 1.483 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

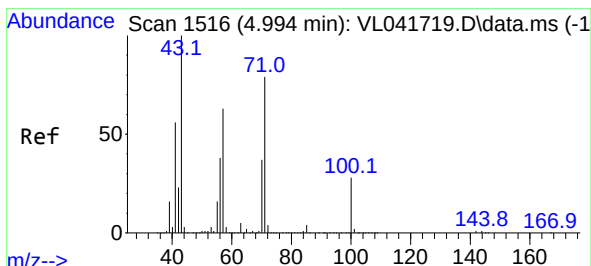
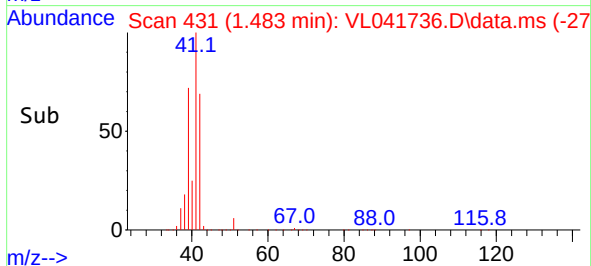
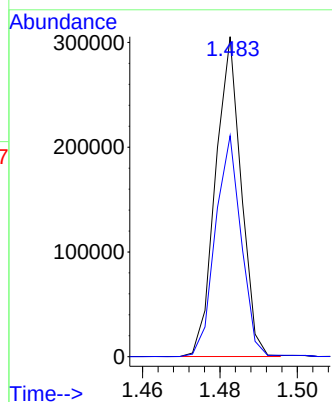
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS02



Tgt Ion: 41 Resp: 140359
Ion Ratio Lower Upper
41 100
42 70.1 56.2 84.4

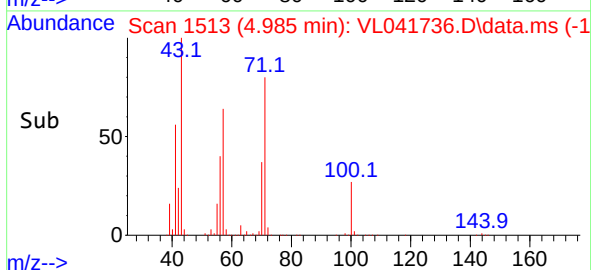
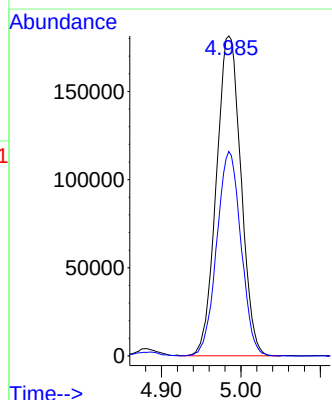
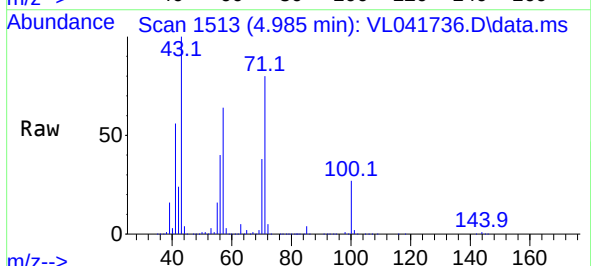
Manual Integrations
APPROVED

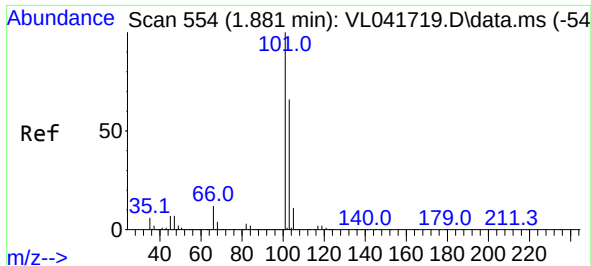
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#10
Heptane
Concen: 9.298 ppbv
RT: 4.985 min Scan# 1513
Delta R.T. -0.010 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

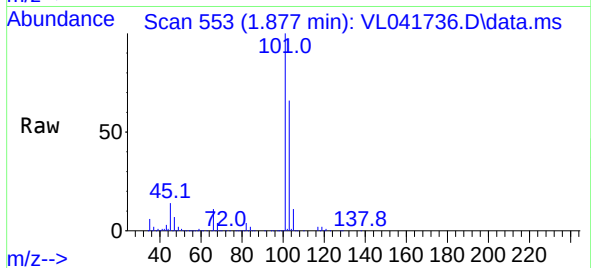
Tgt Ion: 43 Resp: 389580
Ion Ratio Lower Upper
43 100
57 63.1 50.5 75.7





#11
Trichlorofluoromethane
Concen: 12.053 ppbv
RT: 1.877 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

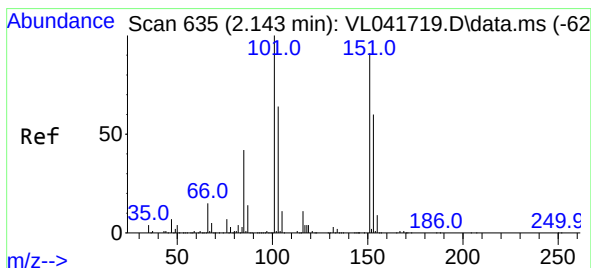
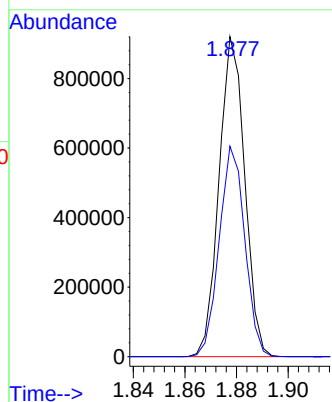
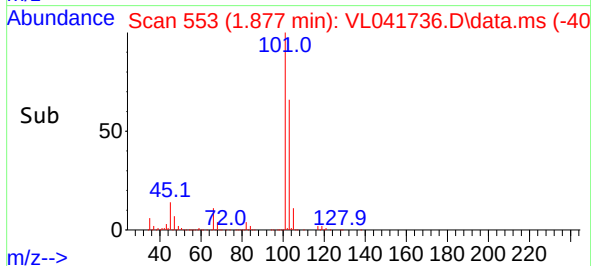
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS02



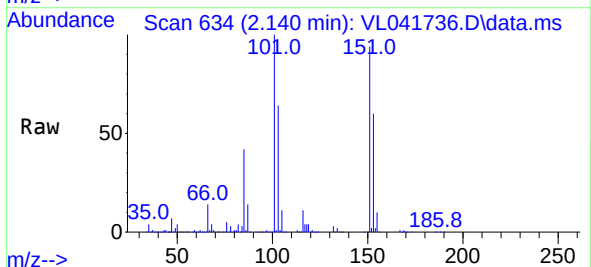
Tgt Ion:101 Resp: 636038
Ion Ratio Lower Upper
101 100
103 65.7 52.7 79.1

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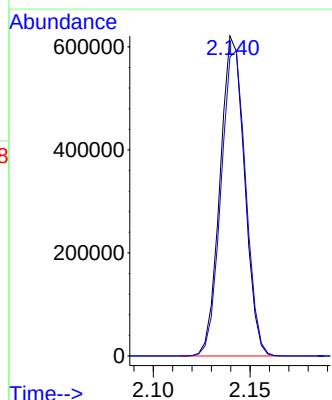
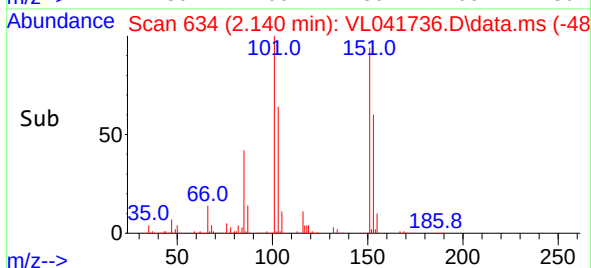
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

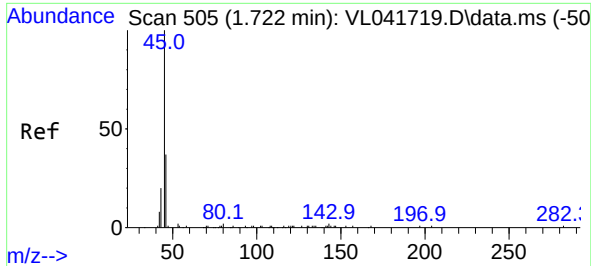


#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.465 ppbv
RT: 2.140 min Scan# 634
Delta R.T. -0.003 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41



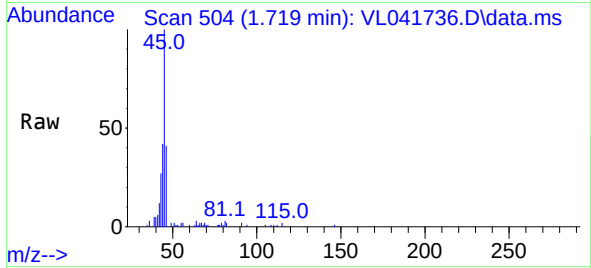
Tgt Ion:101 Resp: 544749
Ion Ratio Lower Upper
101 100
151 96.4 74.4 111.6





#13
Ethanol
Concen: 3.621 ppbv
RT: 1.719 min Scan# 505
Delta R.T. -0.003 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

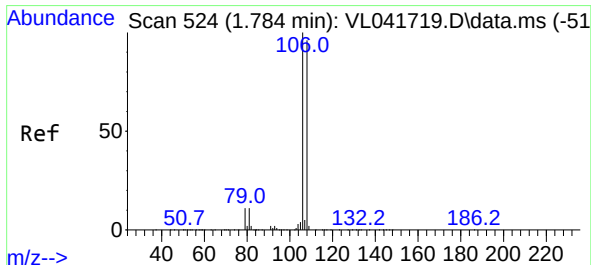
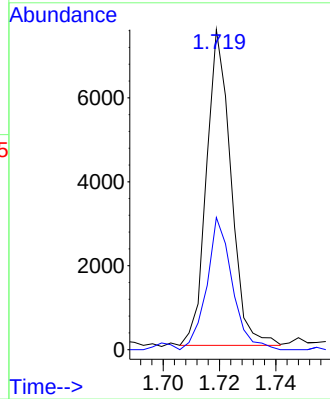
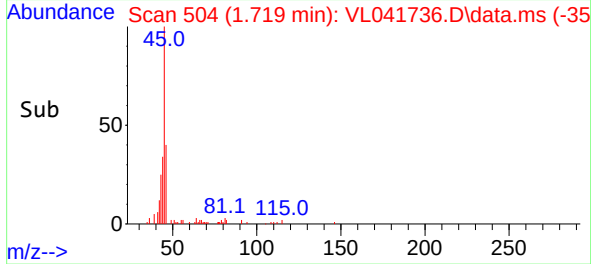
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS02



Tgt Ion: 45 Resp: 4539
Ion Ratio Lower Upper
45 100
46 45.2 16.6 66.6

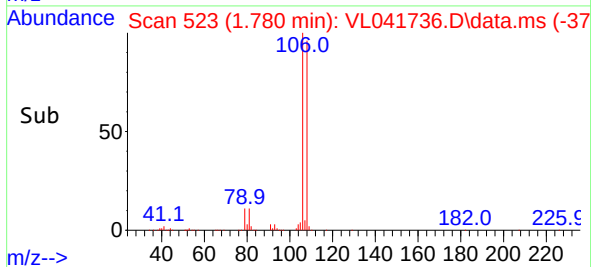
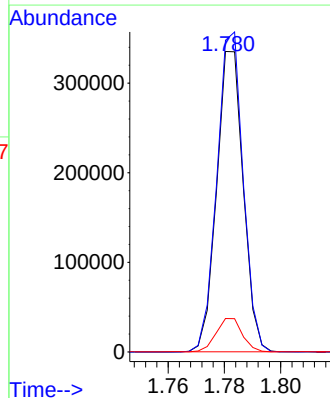
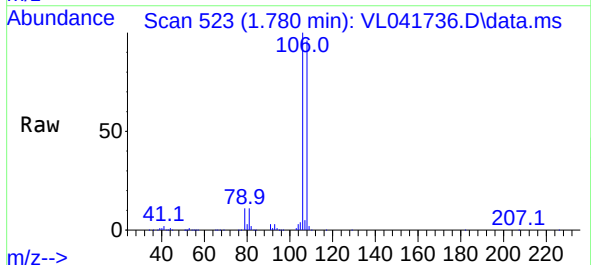
Manual Integrations
APPROVED

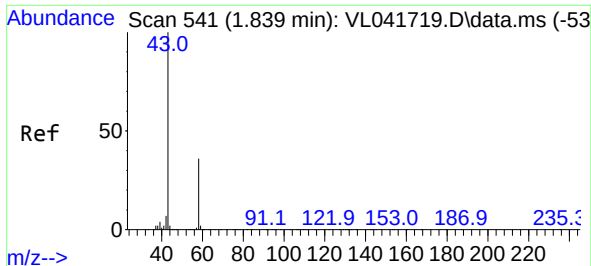
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#14
Bromoethene
Concen: 12.666 ppbv
RT: 1.780 min Scan# 523
Delta R.T. -0.003 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

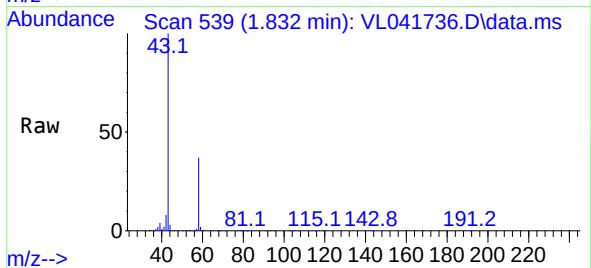
Tgt Ion:108 Resp: 220586
Ion Ratio Lower Upper
108 100
106 105.1 83.5 125.3
79 11.2 9.3 13.9





#15
Acetone
Concen: 9.043 ppbv
RT: 1.832 min Scan# 51
Delta R.T. -0.007 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

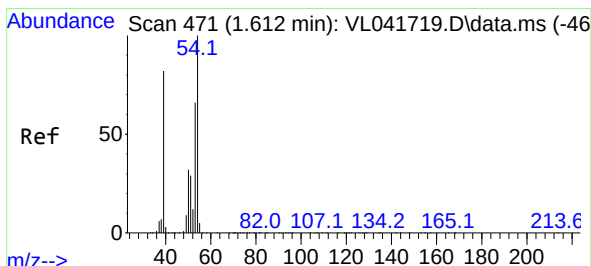
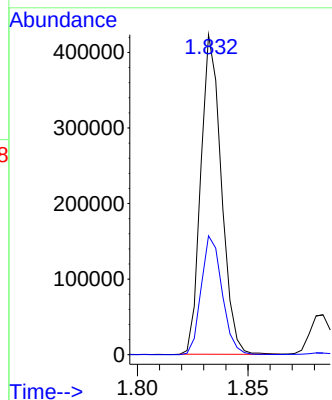
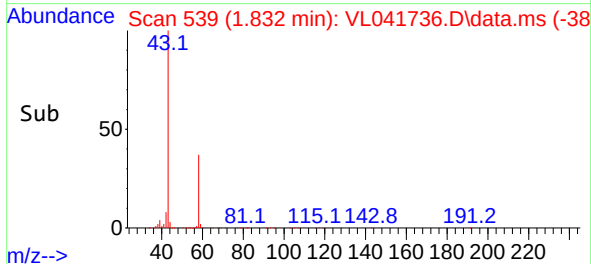
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS02



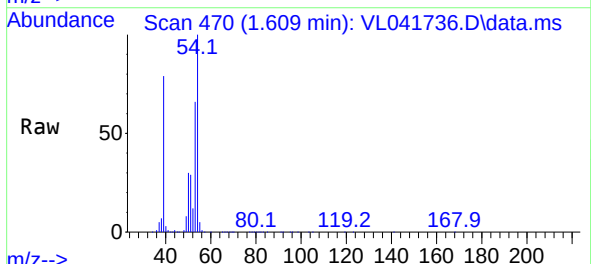
Tgt Ion: 43 Resp: 272588
Ion Ratio Lower Upper
43 100
58 37.9 28.9 43.3

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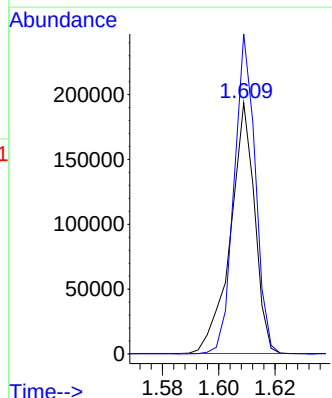
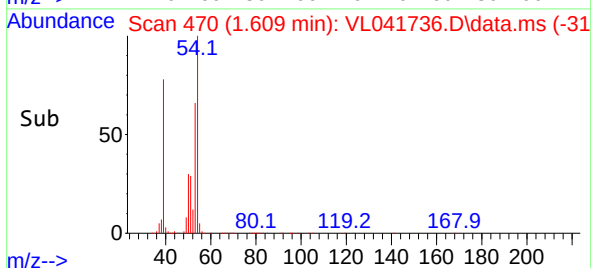
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

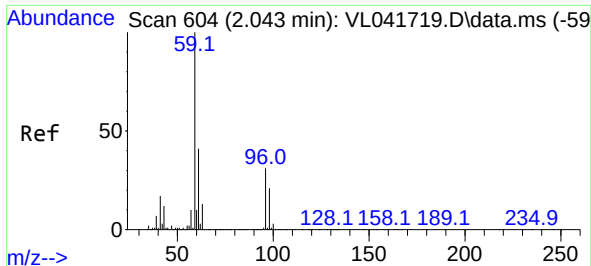


#16
1,3-Butadiene
Concen: 11.430 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.003 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41



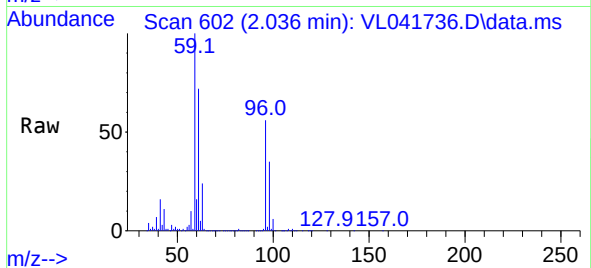
Tgt Ion: 39 Resp: 115584
Ion Ratio Lower Upper
39 100
54 111.6 85.0 127.6





#17
tert-Butyl alcohol
Concen: 10.523 ppbv
RT: 2.036 min Scan# 604
Delta R.T. -0.007 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

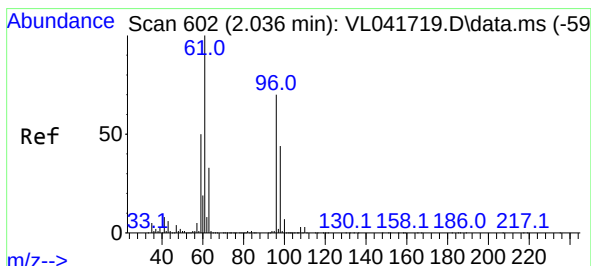
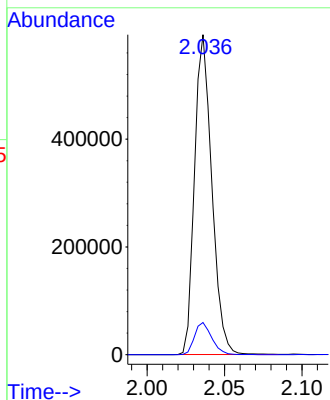
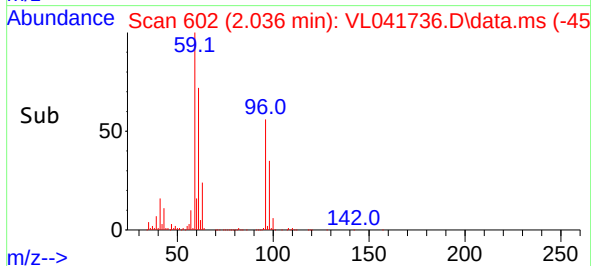
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS02



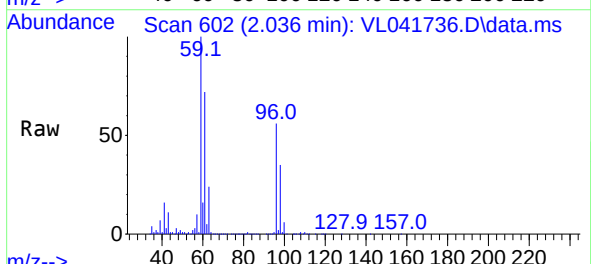
Tgt Ion: 59 Resp: 45988
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

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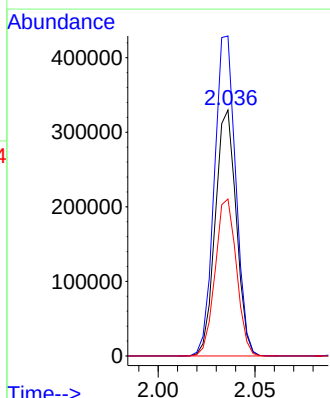
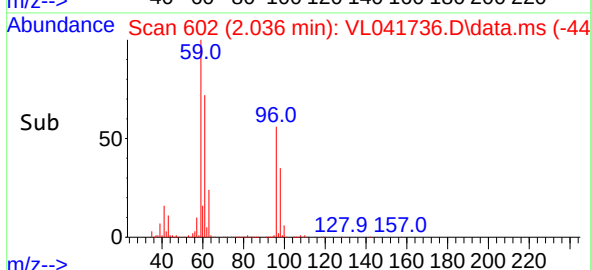
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

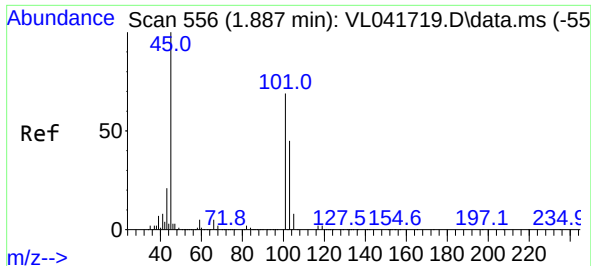


#18
1,1-Dichloroethene
Concen: 11.544 ppbv
RT: 2.036 min Scan# 602
Delta R.T. -0.000 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41



Tgt Ion: 96 Resp: 249219
Ion Ratio Lower Upper
96 100
61 130.1 114.4 171.6
98 63.8 50.6 75.8





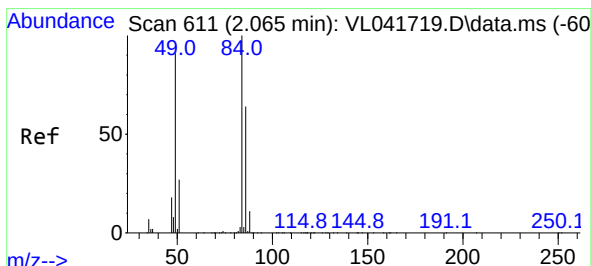
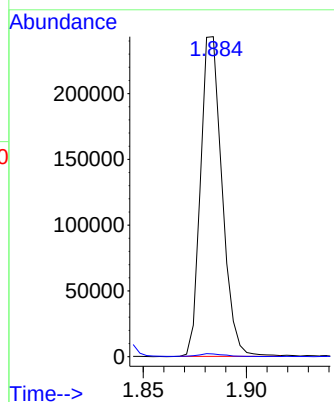
#19
Isopropyl Alcohol
Concen: 6.152 ppbv
RT: 1.884 min Scan# 511
Delta R.T. -0.003 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS02

Tgt Ion: 45 Resp: 176169
Ion Ratio Lower Upper
45 100
58 58.7 40.6 61.0

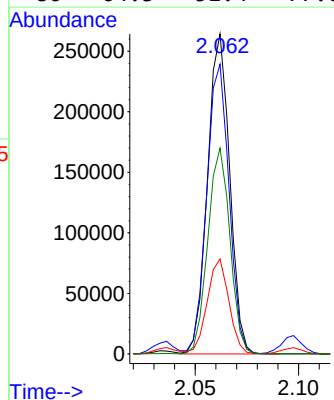
Manual Integrations
APPROVED

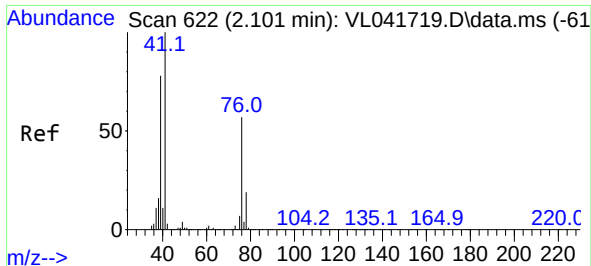
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#20
Methylene Chloride
Concen: 10.783 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.003 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

Tgt Ion: 84 Resp: 196900
Ion Ratio Lower Upper
84 100
49 89.5 73.6 110.4
51 28.9 22.7 34.1
86 64.3 51.4 77.0





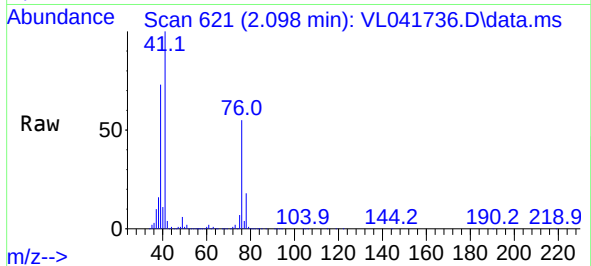
#21
Allyl Chloride
Concen: 11.288 ppbv
RT: 2.098 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

Instrument :

MSVOA_L

ClientSampleId :

VL1211ABS02

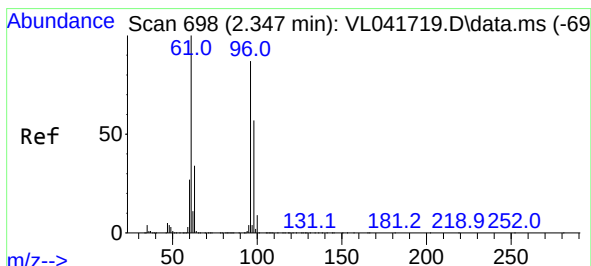
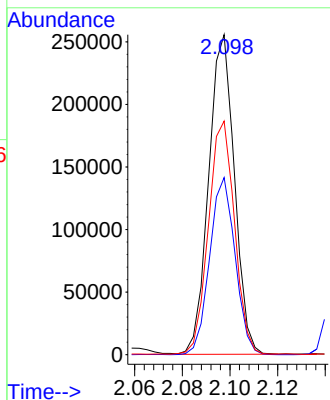
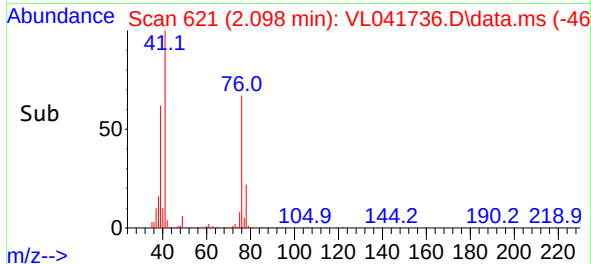


Tgt Ion: 41 Resp: 191604
Ion Ratio Lower Upper
41 100
76 54.7 44.2 66.2
39 74.0 62.8 94.2

Manual Integrations

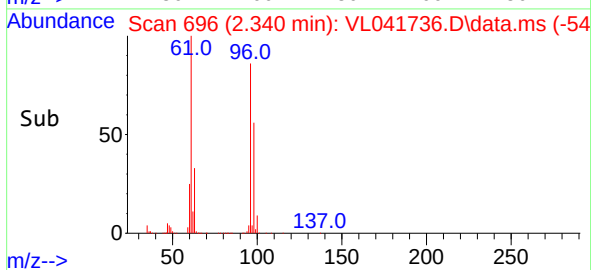
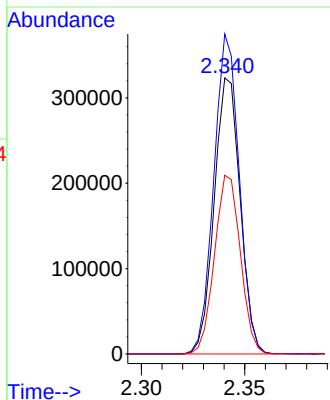
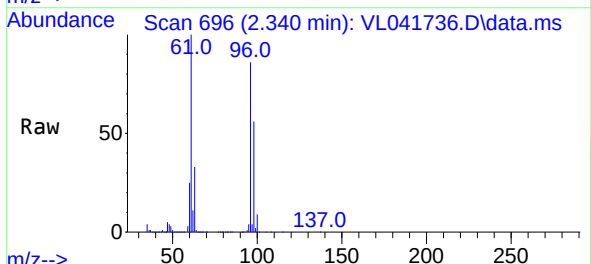
APPROVED

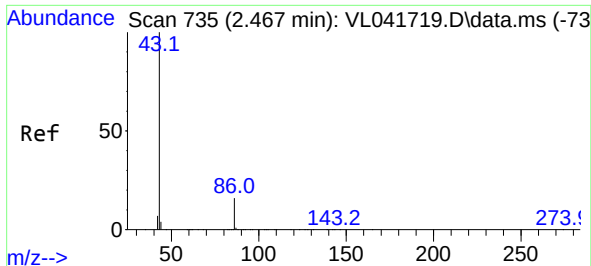
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#22
trans-1,2-Dichloroethene
Concen: 11.297 ppbv
RT: 2.340 min Scan# 696
Delta R.T. -0.007 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

Tgt Ion: 96 Resp: 283158
Ion Ratio Lower Upper
96 100
61 116.0 91.8 137.6
98 64.7 52.7 79.1





#23

Vinyl Acetate

Concen: 10.554 ppbv

RT: 2.460 min Scan# 711

Delta R.T. -0.007 min

Lab File: VL041736.D

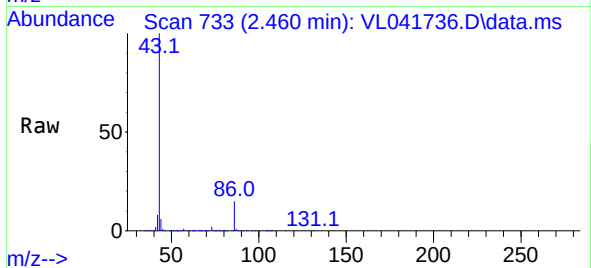
Acq: 11 Dec 2024 23:41

Instrument :

MSVOA_L

ClientSampleId :

VL1211ABS02



Tgt Ion: 43 Resp: 192658

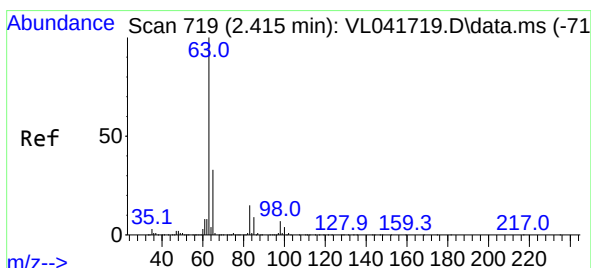
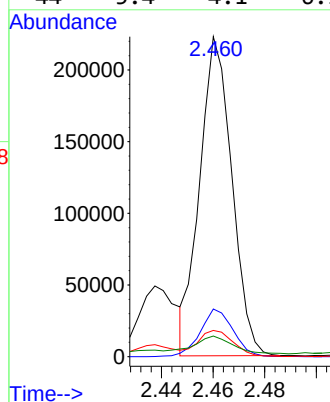
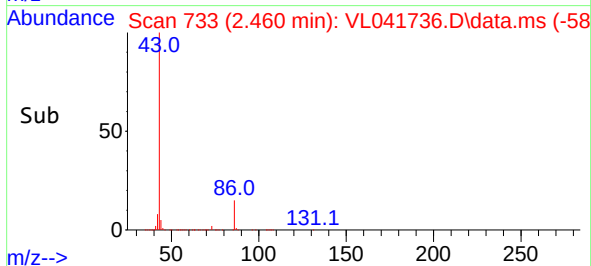
Ion	Ratio	Lower	Upper
43	100		
86	14.9	11.5	17.3
42	8.1	6.6	10.0
44	5.4	4.1	6.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024

Supervised By :Semsettin Yesilyurt 12/13/2024



#24

1,1-Dichloroethane

Concen: 11.492 ppbv

RT: 2.408 min Scan# 717

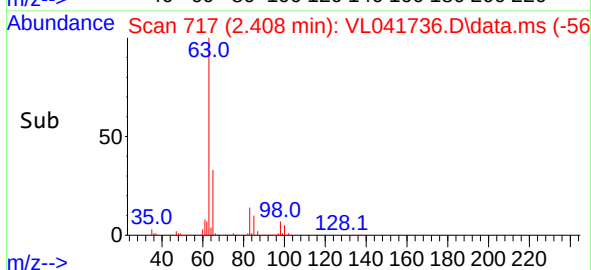
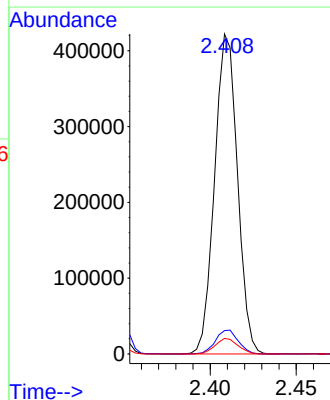
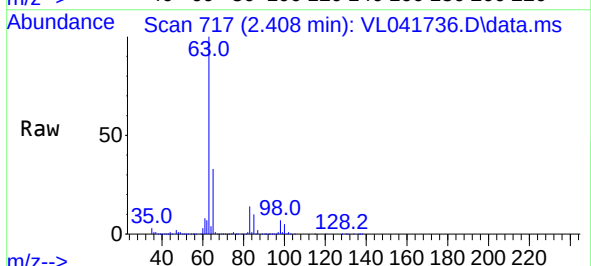
Delta R.T. -0.007 min

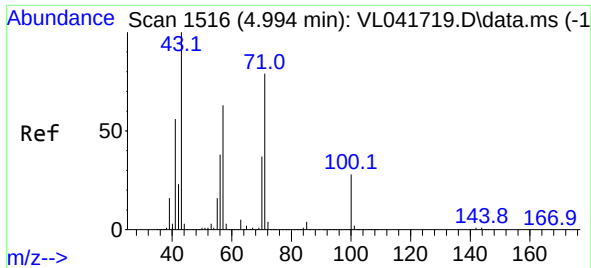
Lab File: VL041736.D

Acq: 11 Dec 2024 23:41

Tgt Ion: 63 Resp: 390113

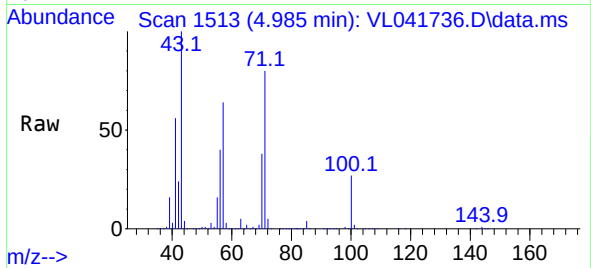
Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.6	10.8
100	4.9	2.3	6.8





#25
Ethyl Acetate
Concen: 9.298 ppbv
RT: 4.985 min Scan# 1513
Delta R.T. -0.010 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

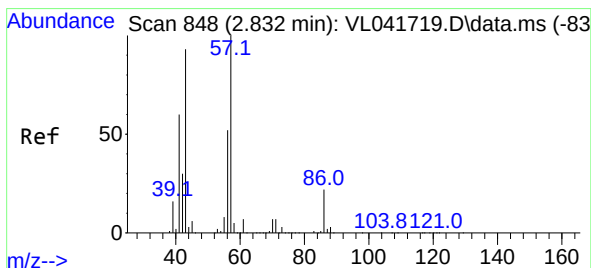
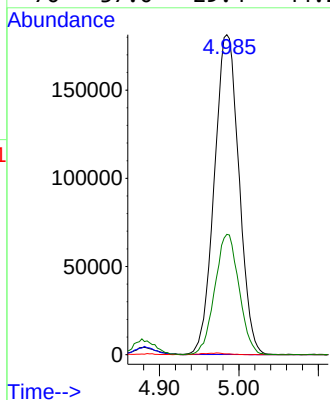
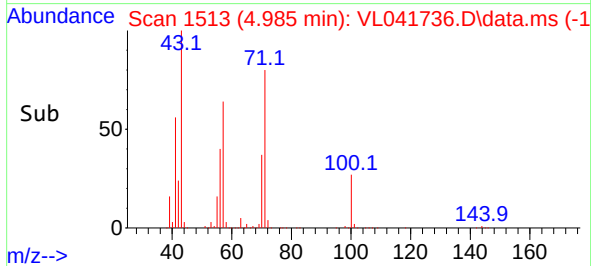
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS02



Tgt Ion: 43 Resp: 389580
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

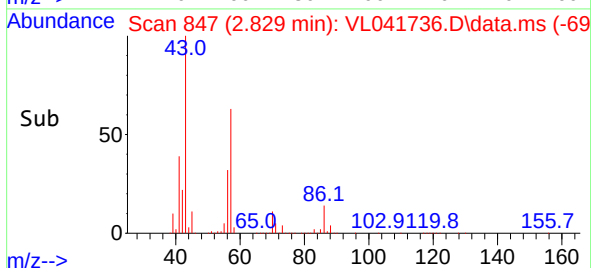
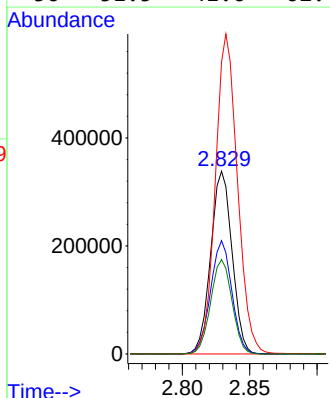
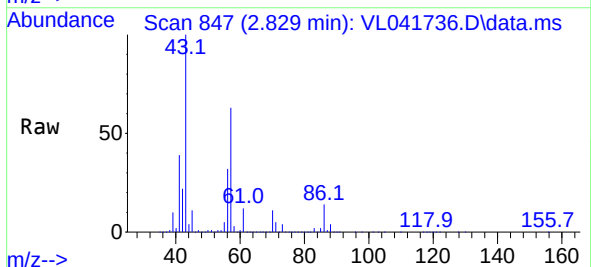
Manual Integrations
APPROVED

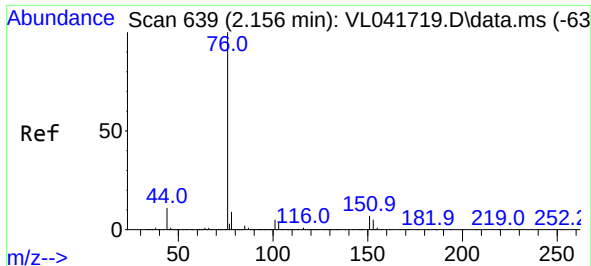
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#26
Hexane
Concen: 9.190 ppbv
RT: 2.829 min Scan# 847
Delta R.T. -0.003 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

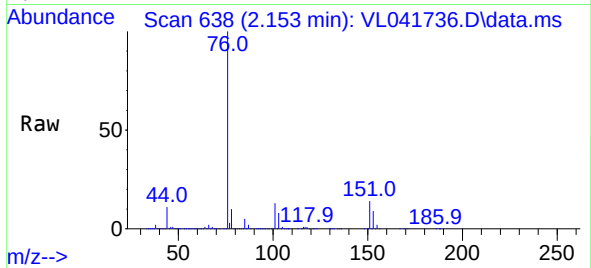
Tgt Ion: 57 Resp: 373436
Ion Ratio Lower Upper
57 100
41 62.0 49.5 74.3
43 181.1 150.6 225.8
56 51.5 41.6 62.4





#27
Carbon Disulfide
Concen: 11.521 ppbv
RT: 2.153 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

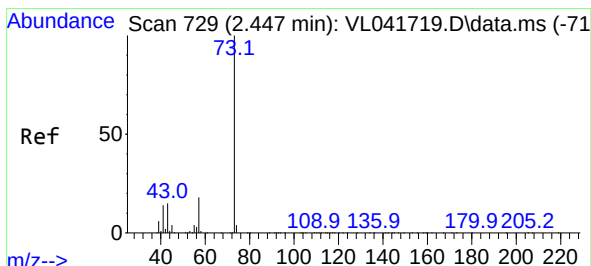
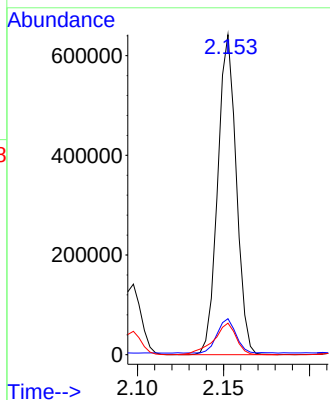
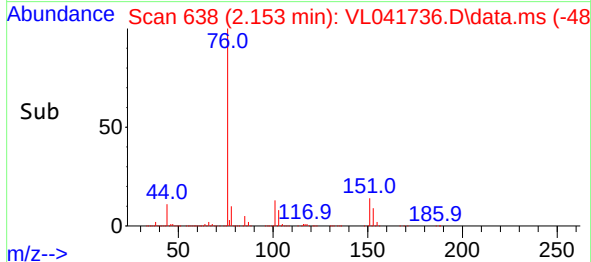
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS02



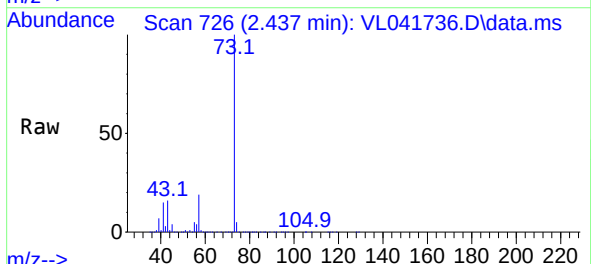
Tgt Ion: 76 Resp: 482015
Ion Ratio Lower Upper
76 100
44 11.1 9.4 14.0
78 12.0 9.4 14.0

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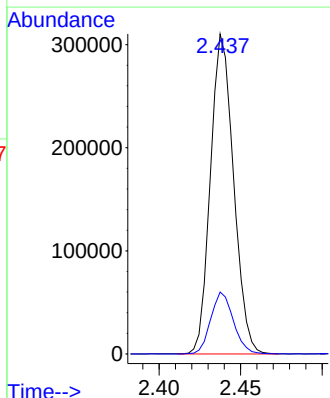
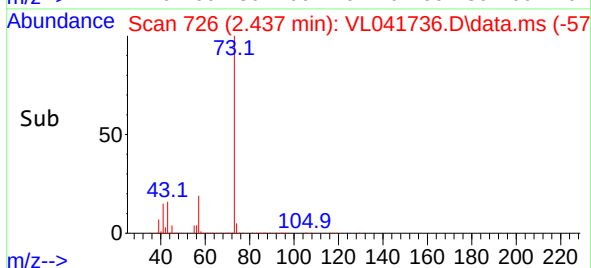
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

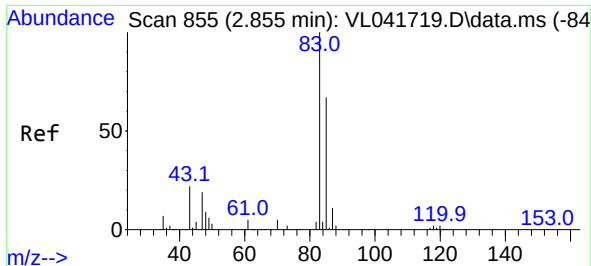


#28
Methyl tert-Butyl Ether
Concen: 10.028 ppbv
RT: 2.437 min Scan# 726
Delta R.T. -0.010 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41



Tgt Ion: 73 Resp: 305838
Ion Ratio Lower Upper
73 100
57 19.0 15.3 22.9





#29

Chloroform

Concen: 9.188 ppbv

RT: 2.848 min Scan# 81

Delta R.T. -0.007 min

Lab File: VL041736.D

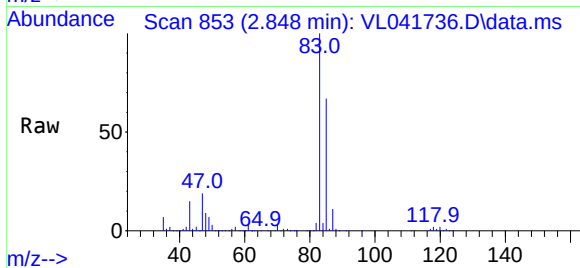
Acq: 11 Dec 2024 23:41

Instrument :

MSVOA_L

ClientSampleId :

VL1211ABS02



Tgt Ion: 83 Resp: 57155

Ion Ratio Lower Upper

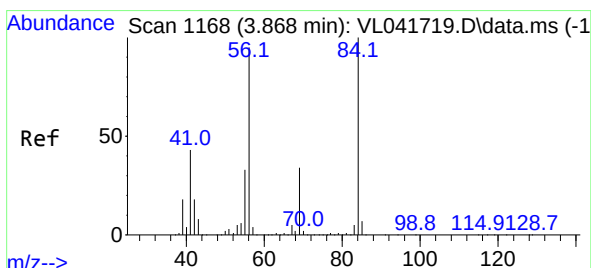
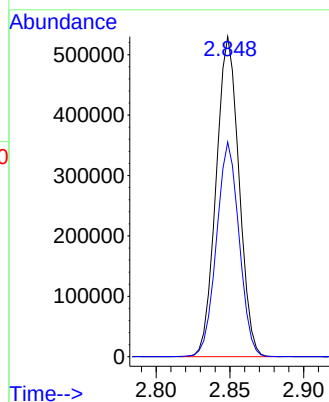
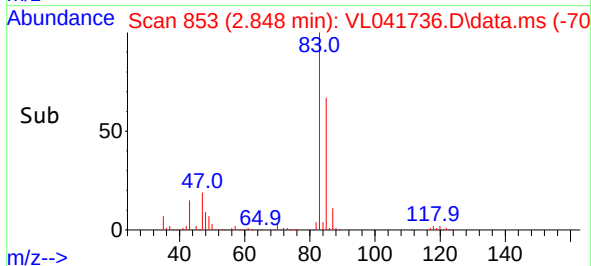
83 100

85 67.0 53.6 80.4

Manual Integrations

APPROVED

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



#30

Cyclohexane

Concen: 9.155 ppbv

RT: 3.862 min Scan# 1166

Delta R.T. -0.007 min

Lab File: VL041736.D

Acq: 11 Dec 2024 23:41

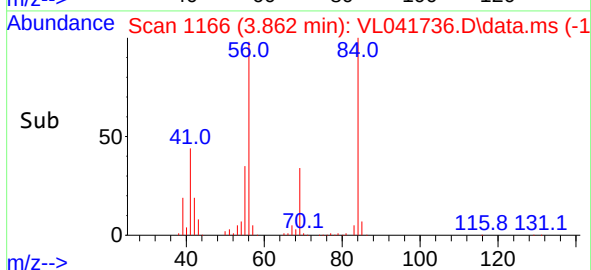
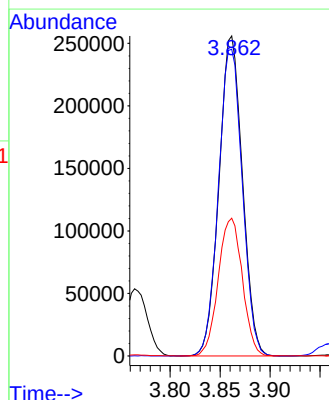
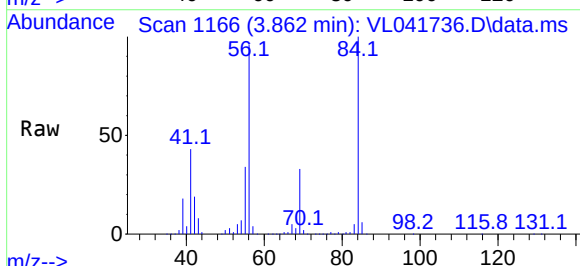
Tgt Ion: 84 Resp: 417800

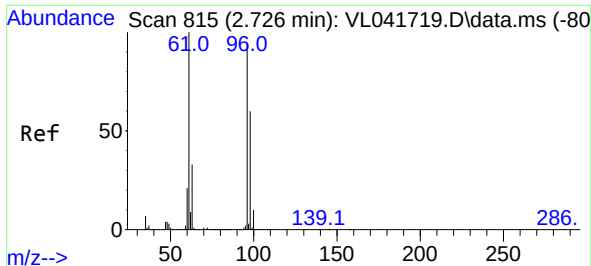
Ion Ratio Lower Upper

84 100

56 97.7 76.0 114.0

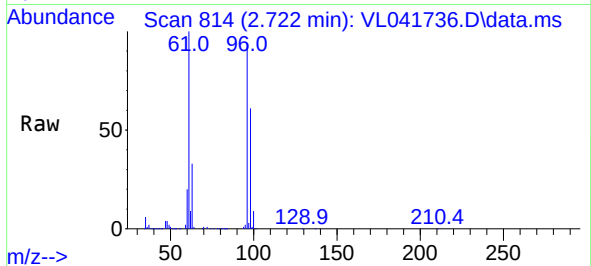
41 44.2 34.2 51.4





#31
cis-1,2-Dichloroethene
Concen: 9.181 ppbv
RT: 2.722 min Scan# 815
Delta R.T. -0.003 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

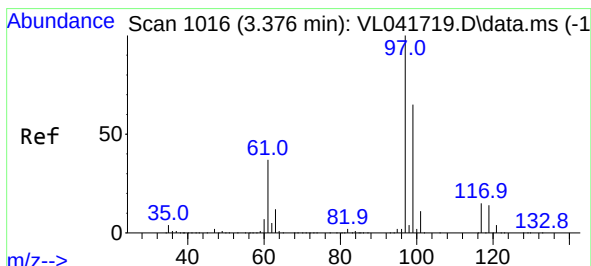
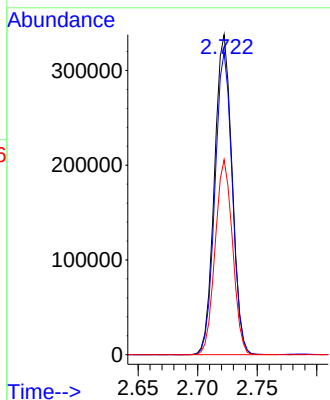
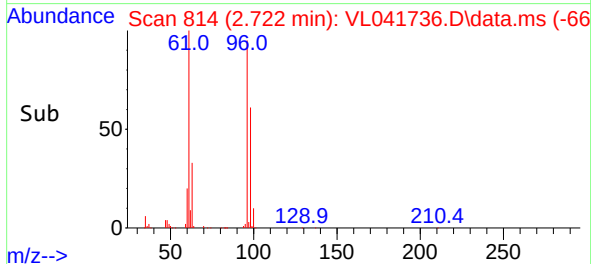
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS02



Tgt Ion: 61 Resp: 345579
Ion Ratio Lower Upper
61 100
96 94.4 75.4 113.2
98 60.9 48.3 72.5

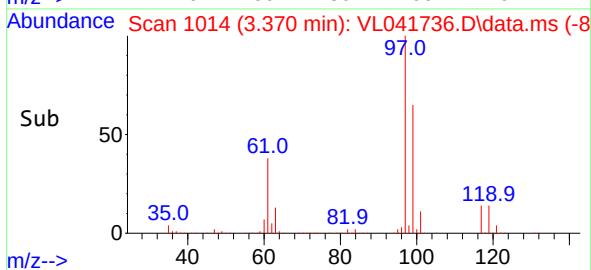
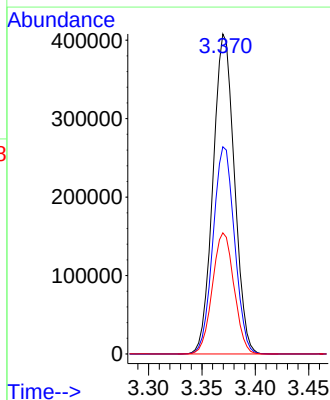
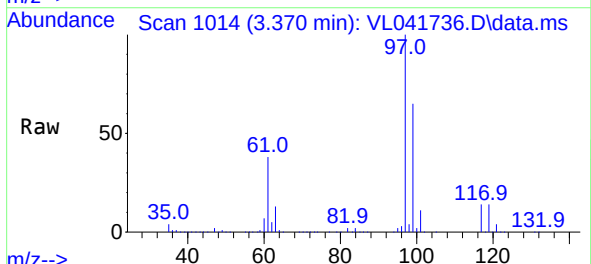
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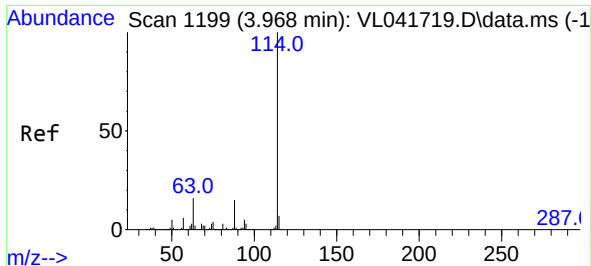
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#32
1,1,1-Trichloroethane
Concen: 9.292 ppbv
RT: 3.370 min Scan# 1014
Delta R.T. -0.007 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

Tgt Ion: 97 Resp: 568384
Ion Ratio Lower Upper
97 100
99 65.1 52.2 78.2
61 38.3 29.8 44.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. -0.010 min

Lab File: VL041736.D

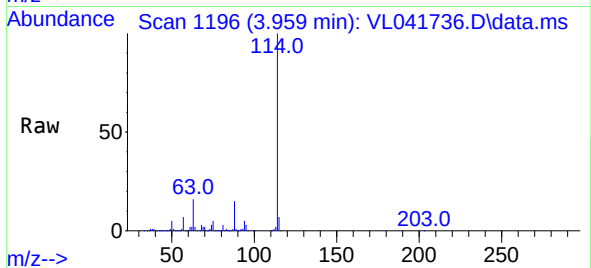
Acq: 11 Dec 2024 23:41

Instrument :

MSVOA_L

ClientSampleId :

VL1211ABS02



Tgt Ion:114 Resp: 1256819

Ion Ratio Lower Upper

114 100

63 16.2 12.9 19.3

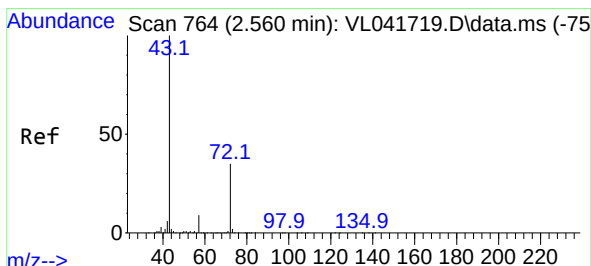
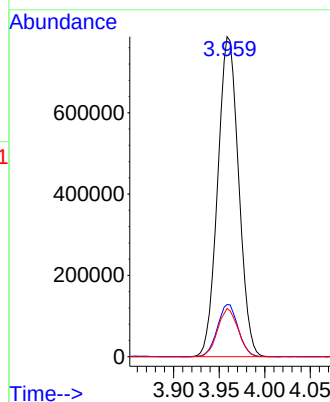
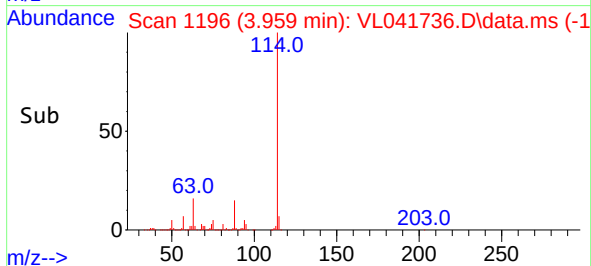
88 14.7 11.8 17.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/13/2024

Supervised By :Semsettin Yesilyurt 12/13/2024



#34

2-Butanone

Concen: 9.071 ppbv

RT: 2.554 min Scan# 762

Delta R.T. -0.007 min

Lab File: VL041736.D

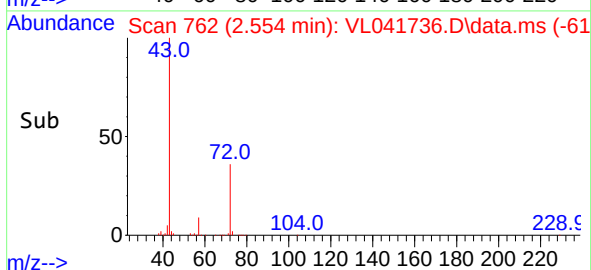
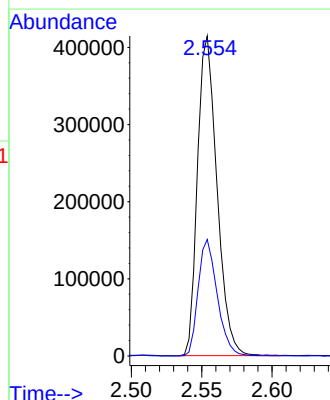
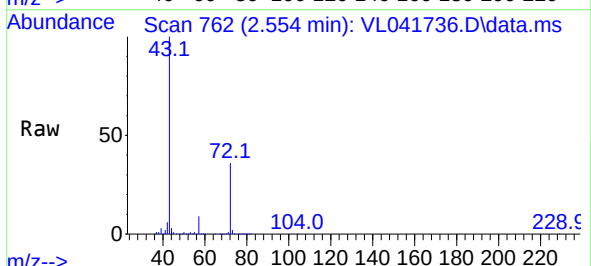
Acq: 11 Dec 2024 23:41

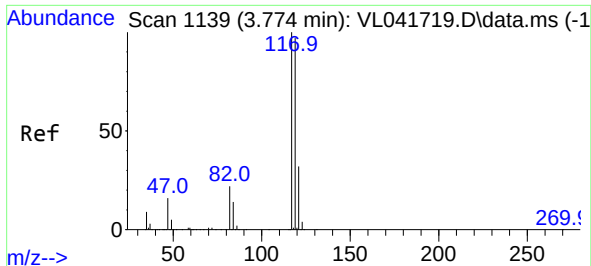
Tgt Ion: 43 Resp: 399186

Ion Ratio Lower Upper

43 100

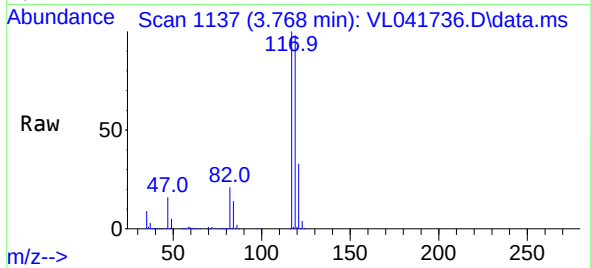
72 35.8 28.3 42.5





#35
Carbon Tetrachloride
Concen: 10.043 ppbv
RT: 3.768 min Scan# 1137
Delta R.T. -0.007 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

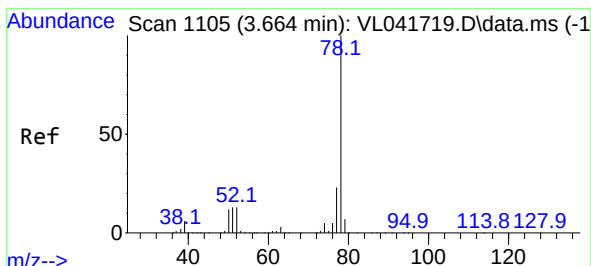
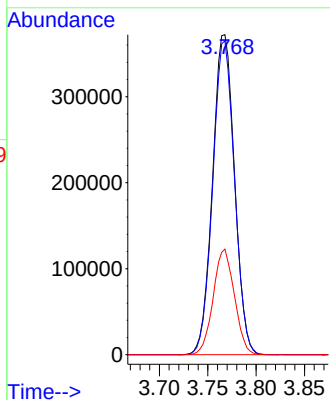
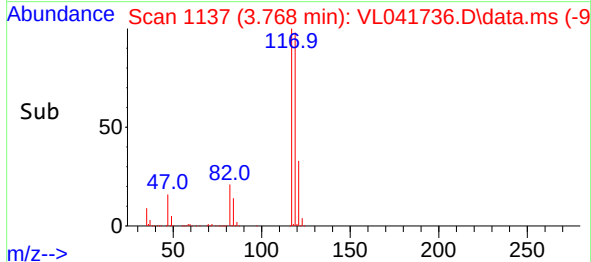
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS02



Tgt Ion: 117 Resp: 58787
Ion Ratio Lower Upper
117 100
119 98.0 77.7 116.5
121 33.0 25.5 38.3

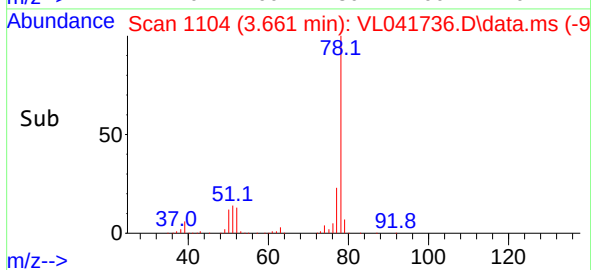
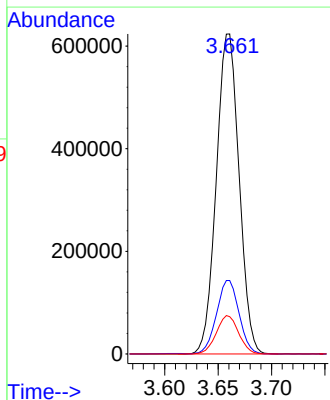
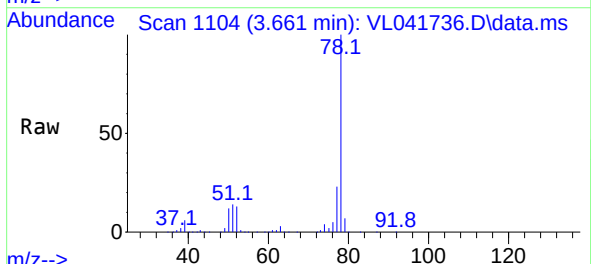
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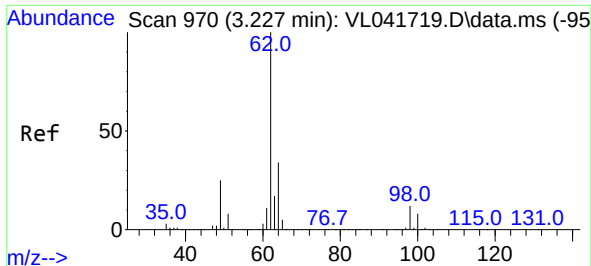
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#36
Benzene
Concen: 9.356 ppbv
RT: 3.661 min Scan# 1104
Delta R.T. -0.003 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

Tgt Ion: 78 Resp: 924536
Ion Ratio Lower Upper
78 100
77 22.9 18.6 27.8
50 11.7 9.5 14.3





#37

1,2-Dichloroethane

Concen: 9.572 ppbv

RT: 3.217 min Scan# 9

Delta R.T. -0.010 min

Lab File: VL041736.D

Acq: 11 Dec 2024 23:41

Instrument :

MSVOA_L

ClientSampleId :

VL1211ABS02

Tgt Ion: 62 Resp: 34170

Ion Ratio Lower Upper

62 100

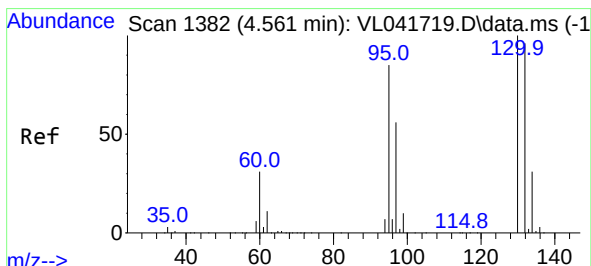
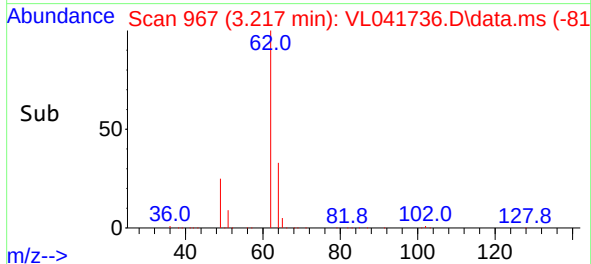
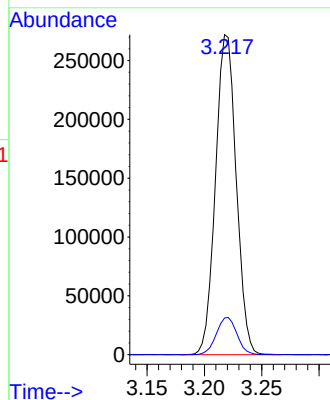
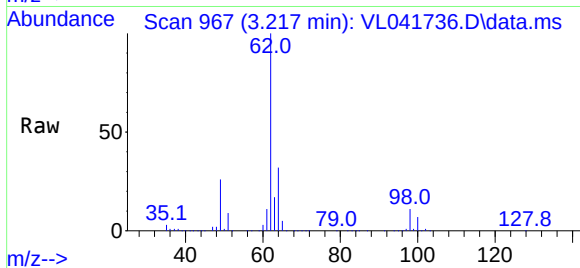
98 11.6 9.4 14.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/13/2024

Supervised By :Semsettin Yesilyurt 12/13/2024



#38

Trichloroethene

Concen: 12.985 ppbv

RT: 4.551 min Scan# 1379

Delta R.T. -0.010 min

Lab File: VL041736.D

Acq: 11 Dec 2024 23:41

Tgt Ion:130 Resp: 665444

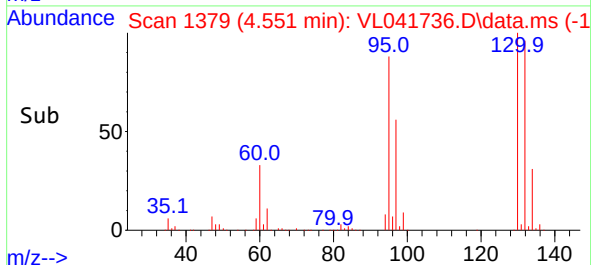
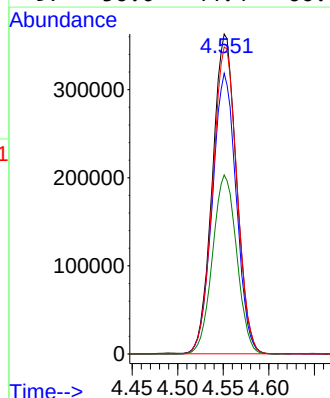
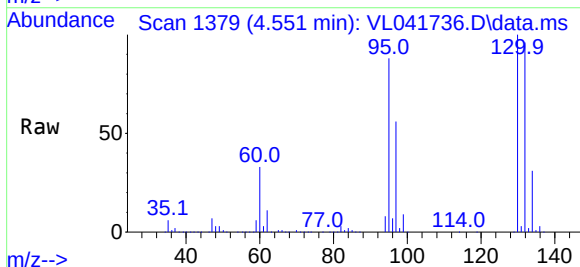
Ion Ratio Lower Upper

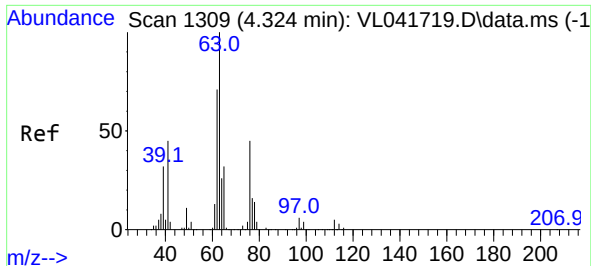
130 100

95 87.7 68.0 102.0

132 95.9 76.5 114.7

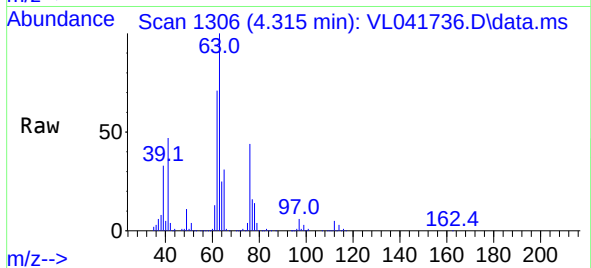
97 56.0 44.4 66.6





#39
1,2-Dichloropropane
Concen: 9.524 ppbv
RT: 4.315 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

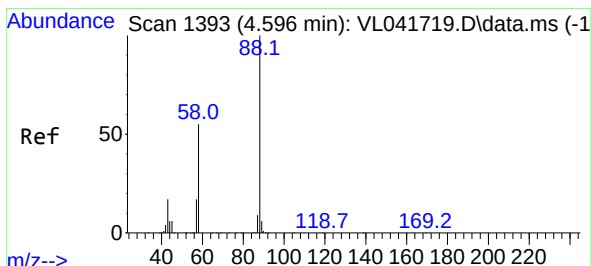
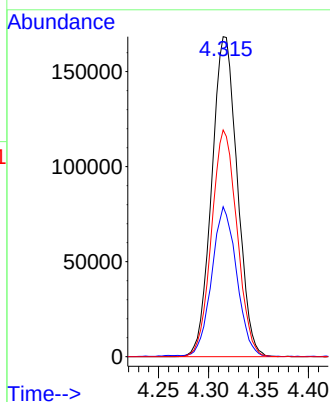
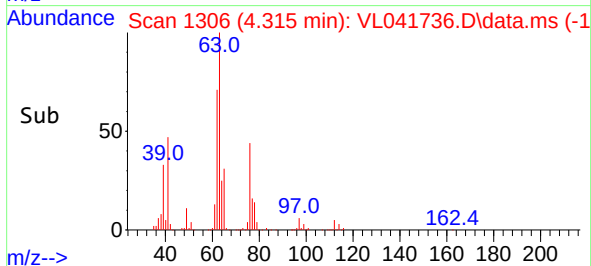
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS02



Tgt Ion: 63 Resp: 29988
Ion Ratio Lower Upper
63 100
41 46.7 36.4 54.6
62 70.8 56.6 85.0

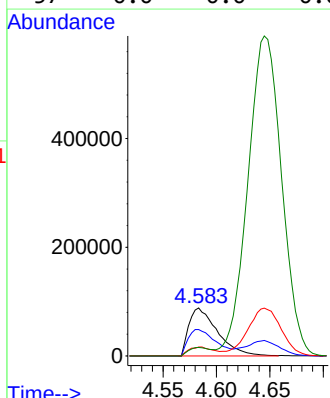
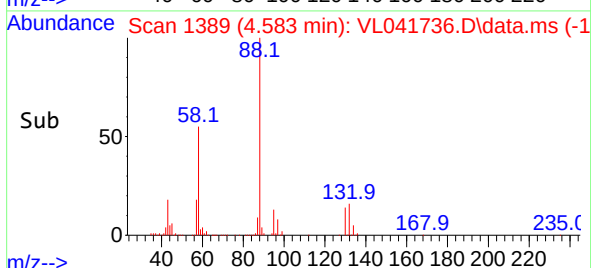
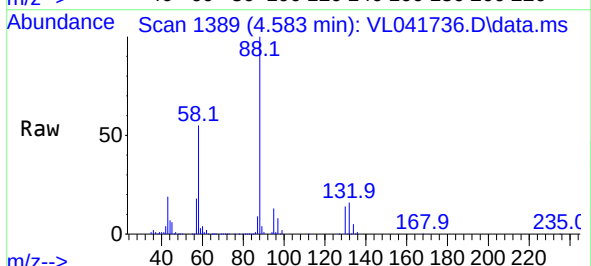
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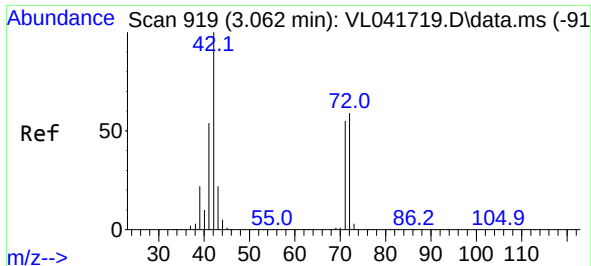
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#40
1,4-Dioxane
Concen: 8.681 ppbv
RT: 4.583 min Scan# 1389
Delta R.T. -0.013 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

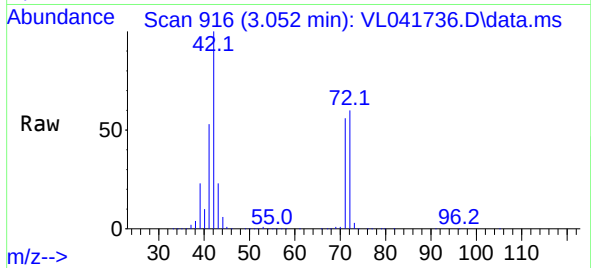
Tgt Ion: 88 Resp: 164924
Ion Ratio Lower Upper
88 100
58 55.3 45.7 68.5
43 17.6 0.0 0.0#
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 9.514 ppbv
RT: 3.052 min Scan# 919
Delta R.T. -0.010 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

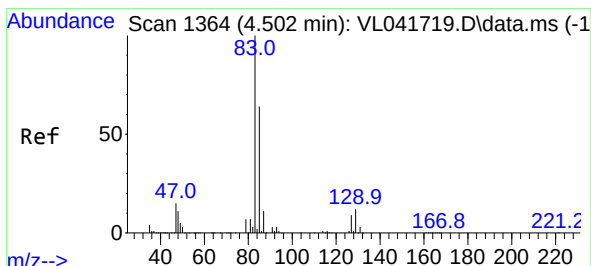
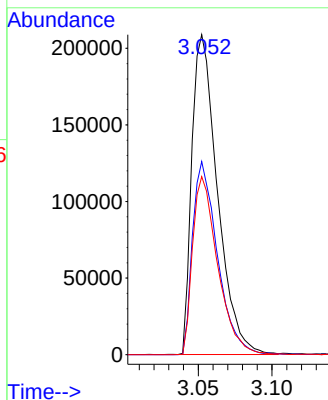
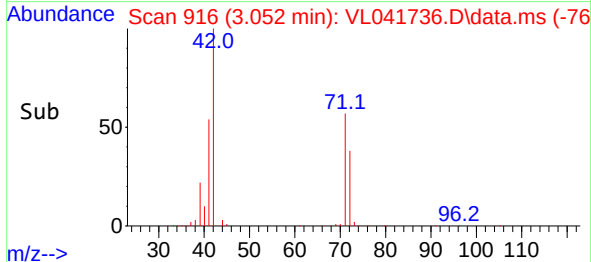
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS02



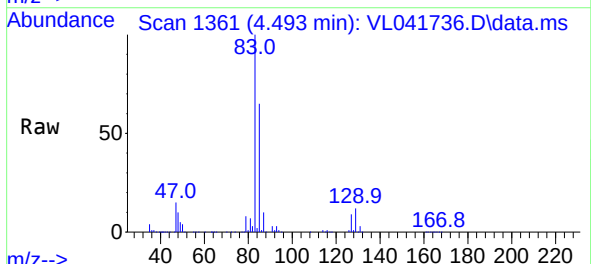
Tgt Ion: 42 Resp: 252295
Ion Ratio Lower Upper
42 100
72 59.1 47.4 71.0
71 54.8 44.4 66.6

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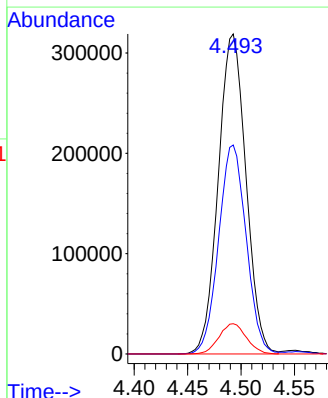
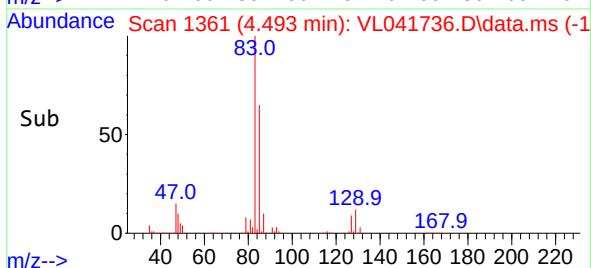
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

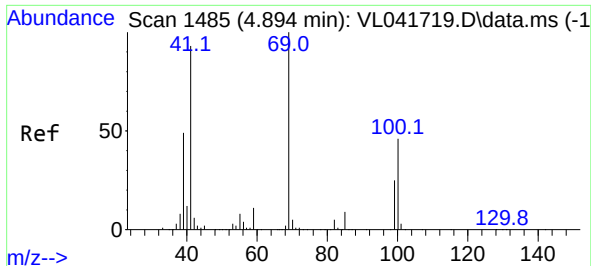


#42
Bromodichloromethane
Concen: 9.979 ppbv
RT: 4.493 min Scan# 1361
Delta R.T. -0.010 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41



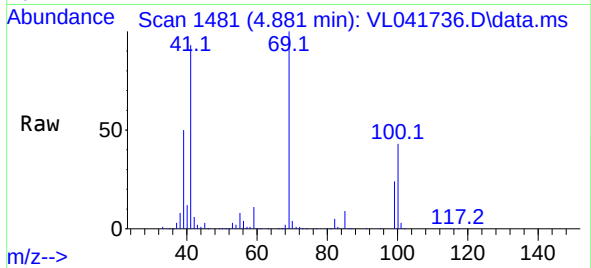
Tgt Ion: 83 Resp: 575114
Ion Ratio Lower Upper
83 100
85 65.3 51.0 76.6
127 9.5 7.6 11.4





#43
Methyl Methacrylate
Concen: 9.450 ppbv
RT: 4.881 min Scan# 1408
Delta R.T. -0.013 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

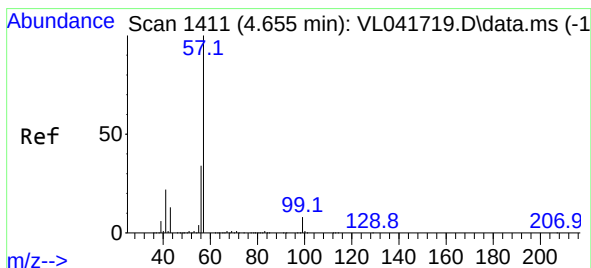
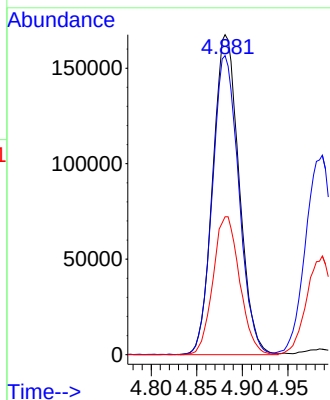
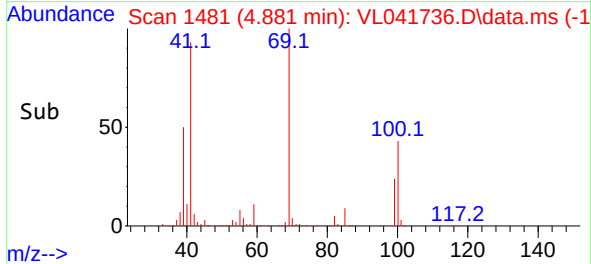
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS02



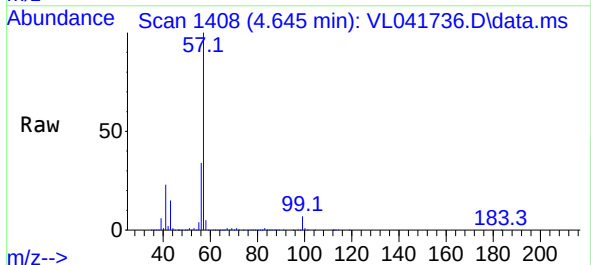
Tgt Ion: 69 Resp: 33636
Ion Ratio Lower Upper
69 100
41 93.7 74.6 112.0
100 43.6 35.5 53.3

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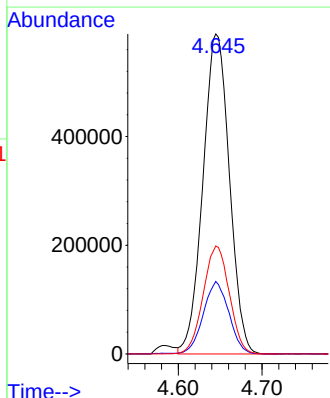
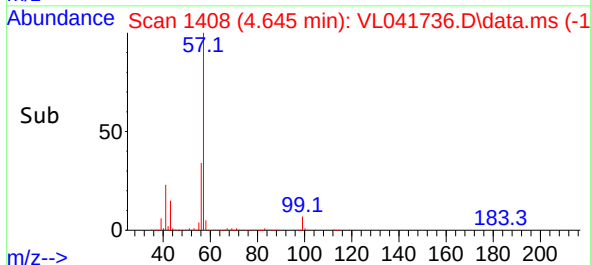
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

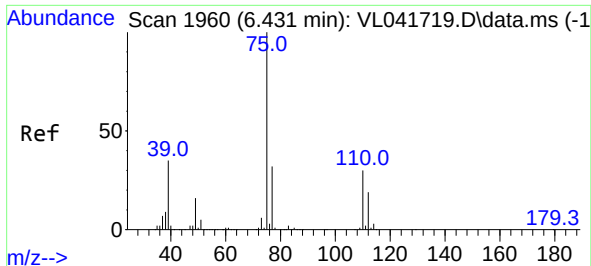


#44
2,2,4-Trimethylpentane
Concen: 9.415 ppbv
RT: 4.645 min Scan# 1408
Delta R.T. -0.010 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41



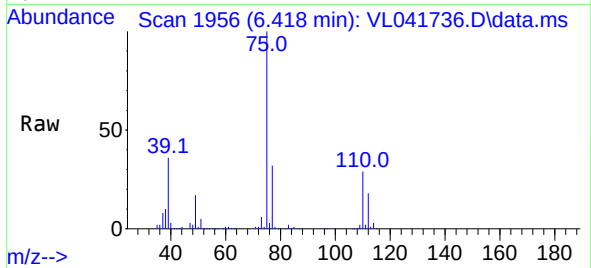
Tgt Ion: 57 Resp: 1295064
Ion Ratio Lower Upper
57 100
41 22.0 17.2 25.8
56 33.3 26.6 40.0





#45
t-1,3-Dichloropropene
Concen: 7.839 ppbv
RT: 6.418 min Scan# 1956
Delta R.T. -0.013 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

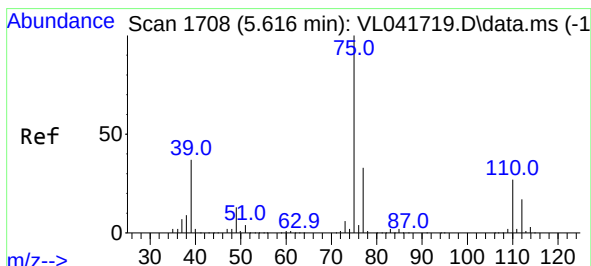
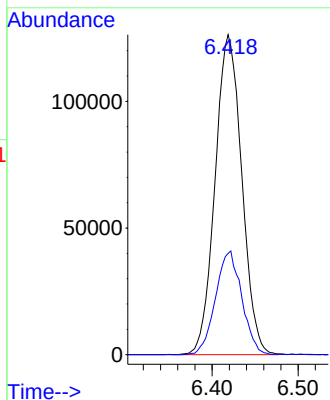
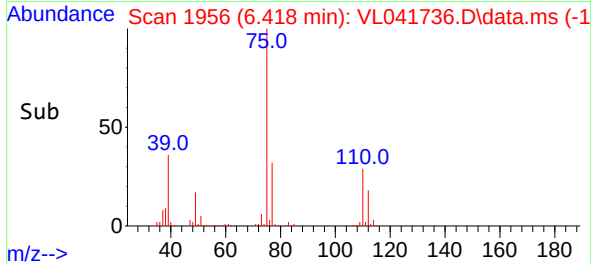
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS02



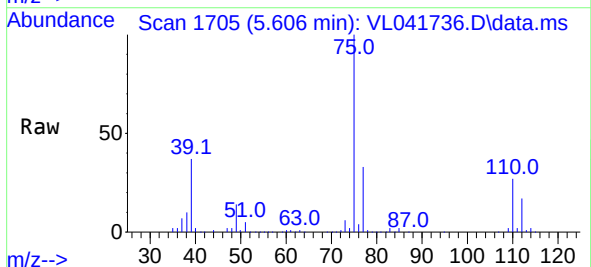
Tgt Ion: 75 Resp: 27224
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.6

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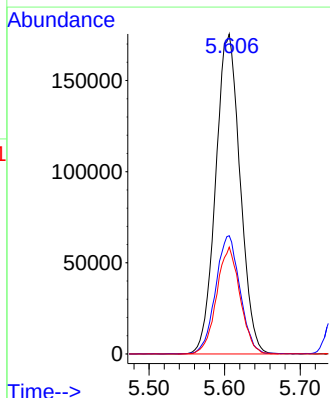
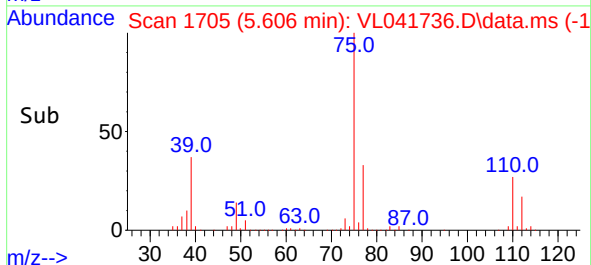
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

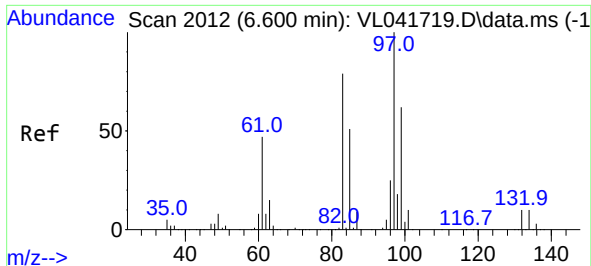


#46
cis-1,3-Dichloropropene
Concen: 8.536 ppbv
RT: 5.606 min Scan# 1705
Delta R.T. -0.010 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41



Tgt Ion: 75 Resp: 393505
Ion Ratio Lower Upper
75 100
39 36.9 29.8 44.6
77 33.4 26.2 39.2





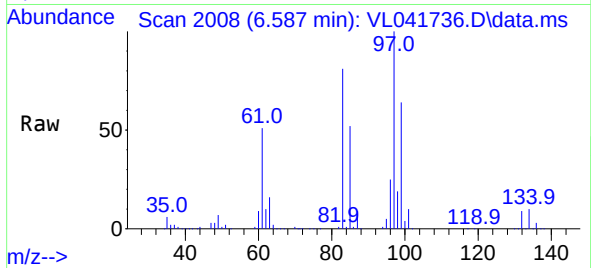
#47
1,1,2-Trichloroethane
Concen: 9.247 ppbv
RT: 6.587 min Scan# 2012
Delta R.T. -0.013 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

Instrument :

MSVOA_L

ClientSampleId :

VL1211ABS02

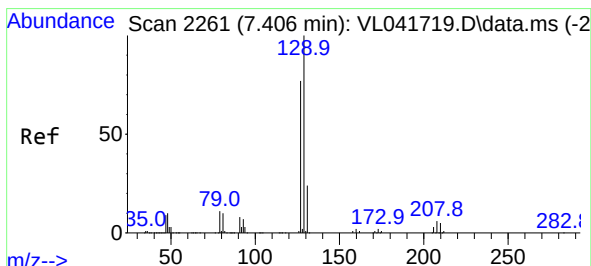
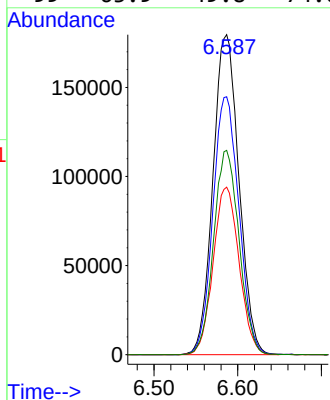
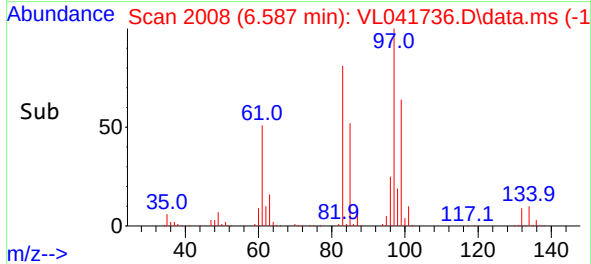


Tgt Ion: 97 Resp: 38769
Ion Ratio Lower Upper
97 100
83 80.6 63.0 94.4
85 52.4 41.0 61.6
99 63.9 49.8 74.6

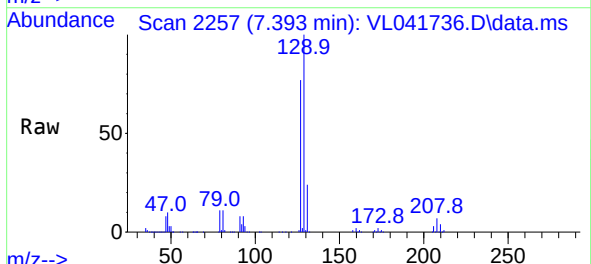
Manual Integrations

APPROVED

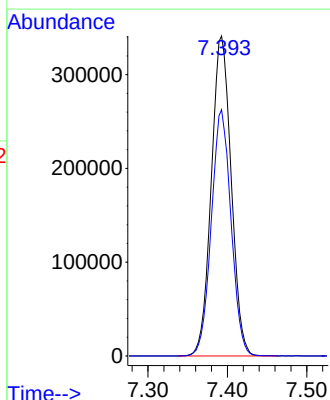
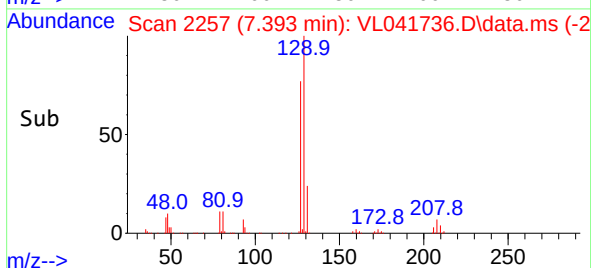
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

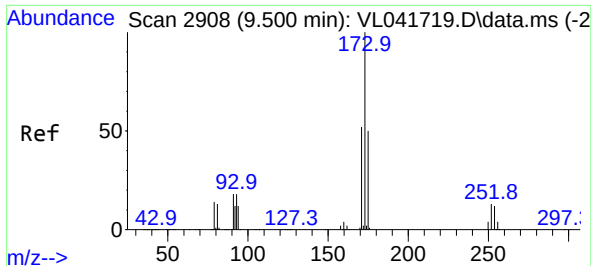


#48
Dibromochloromethane
Concen: 9.788 ppbv
RT: 7.393 min Scan# 2257
Delta R.T. -0.013 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41



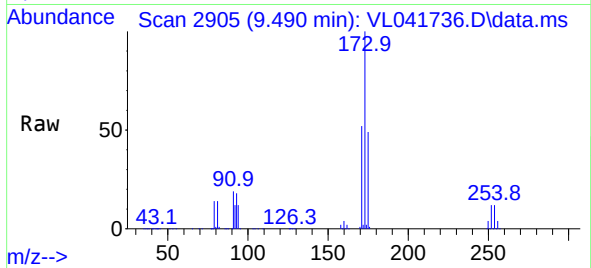
Tgt Ion:129 Resp: 591298
Ion Ratio Lower Upper
129 100
127 76.3 38.6 115.7





#49
Bromoform
Concen: 9.730 ppbv
RT: 9.490 min Scan# 2908
Delta R.T. -0.010 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

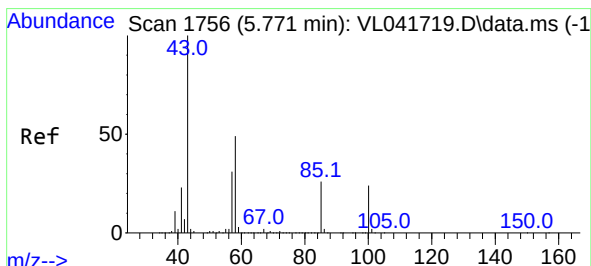
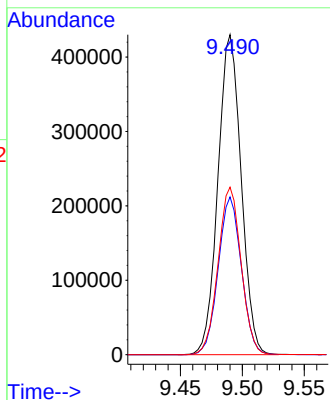
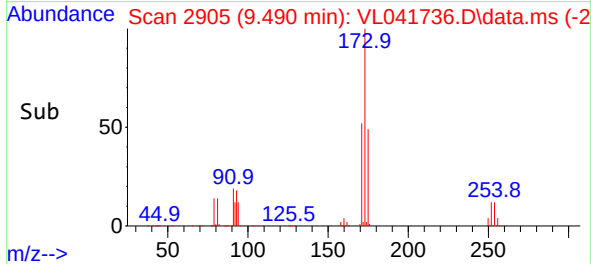
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS02



Tgt Ion:173 Resp: 56239
Ion Ratio Lower Upper
173 100
175 49.2 39.5 59.3
171 51.9 41.4 62.0

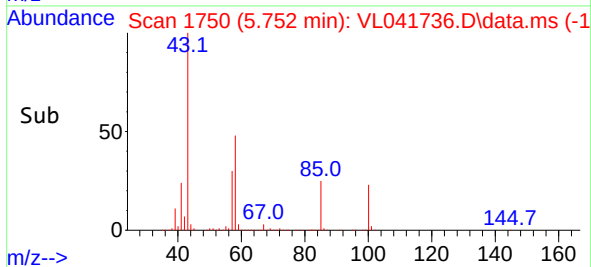
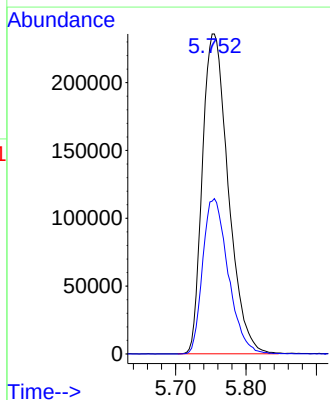
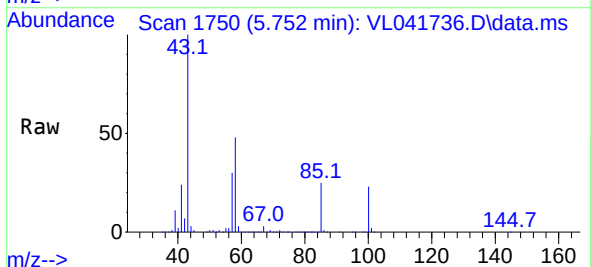
Manual Integrations
APPROVED

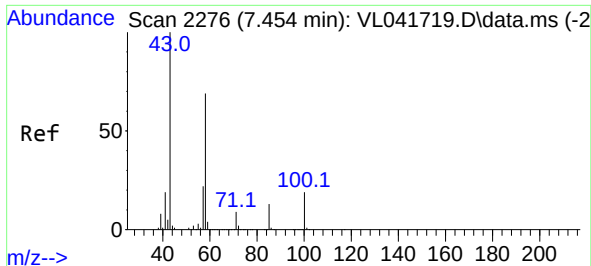
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#50
4-Methyl-2-Pentanone
Concen: 9.548 ppbv
RT: 5.752 min Scan# 1750
Delta R.T. -0.019 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

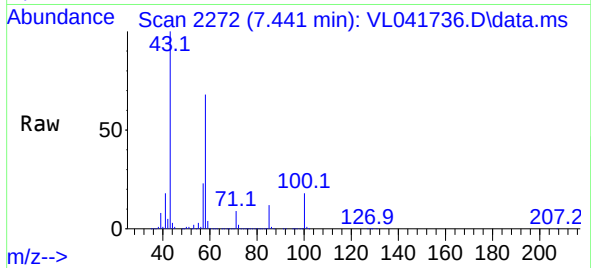
Tgt Ion: 43 Resp: 602605
Ion Ratio Lower Upper
43 100
58 47.9 38.9 58.3





#51
2-Hexanone
Concen: 9.125 ppbv
RT: 7.441 min Scan# 2116
Delta R.T. -0.013 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

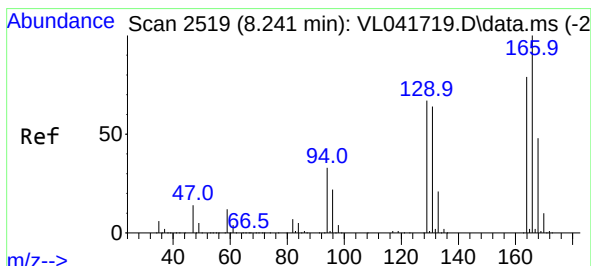
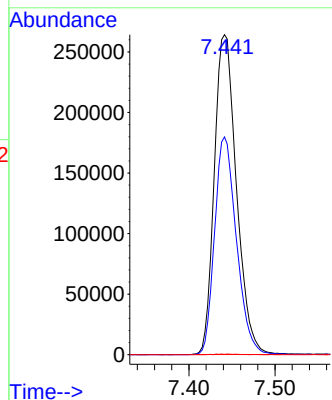
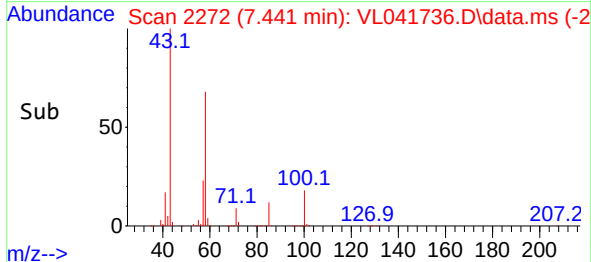
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS02



Tgt Ion: 43 Resp: 473720
Ion Ratio Lower Upper
43 100
58 67.2 54.2 81.4
98 0.2 0.2 0.2

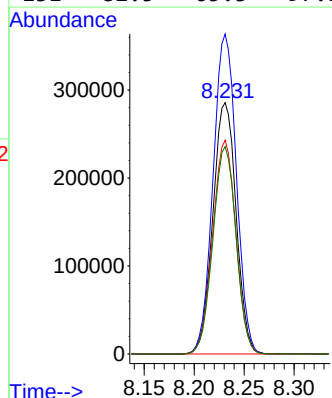
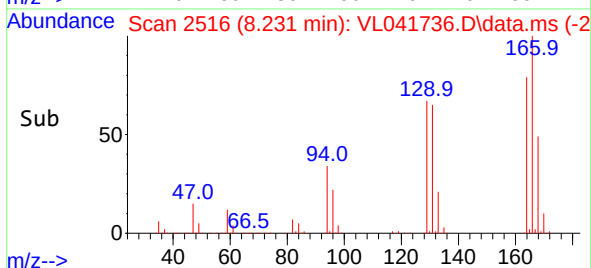
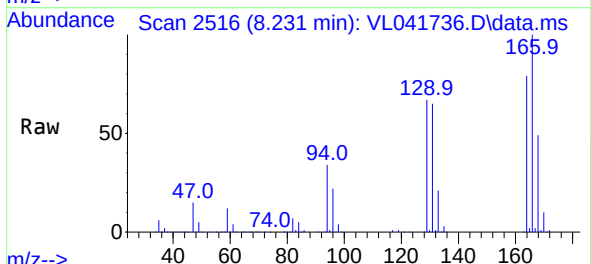
Manual Integrations
APPROVED

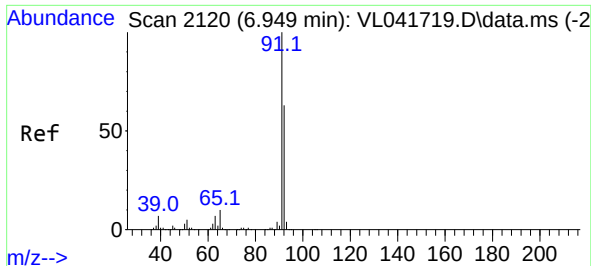
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#52
Tetrachloroethene
Concen: 8.854 ppbv
RT: 8.231 min Scan# 2516
Delta R.T. -0.010 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

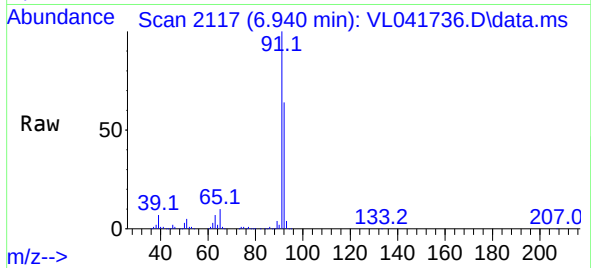
Tgt Ion:164 Resp: 463566
Ion Ratio Lower Upper
164 100
166 127.3 101.4 152.0
129 85.1 67.6 101.4
131 82.5 65.3 97.9





#53
Toluene
Concen: 9.218 ppbv
RT: 6.940 min Scan# 2117
Delta R.T. -0.010 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

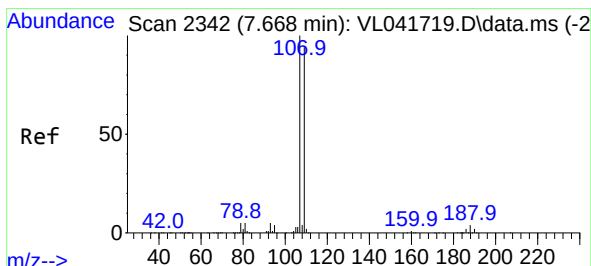
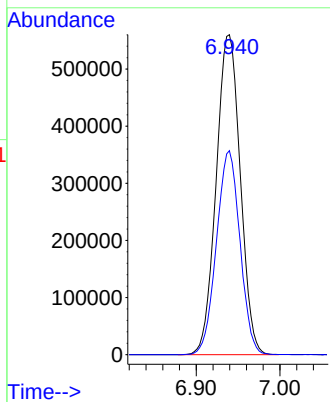
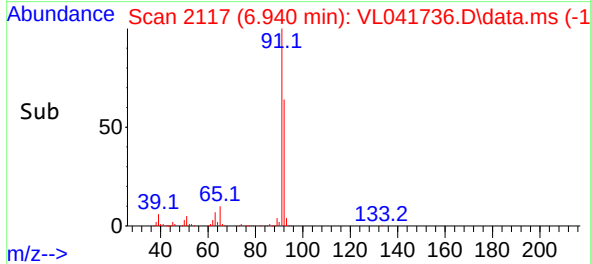
Instrument : MSVOA_L
ClientSampleId : VL1211ABS02



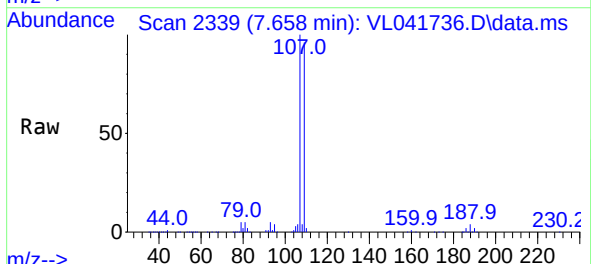
Tgt Ion: 91 Resp: 1119420
Ion Ratio Lower Upper
91 100
92 62.2 49.7 74.5

Manual Integrations
APPROVED

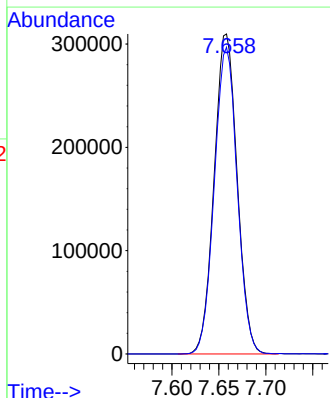
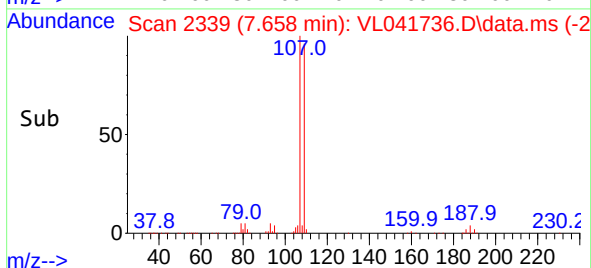
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

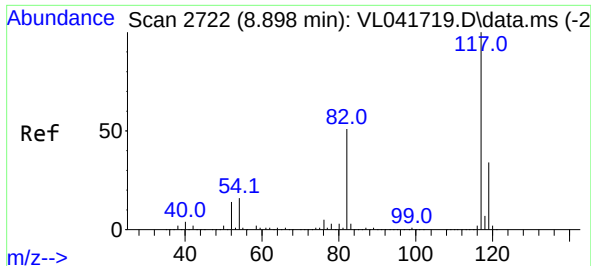


#54
1,2-Dibromoethane
Concen: 9.212 ppbv
RT: 7.658 min Scan# 2339
Delta R.T. -0.010 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41



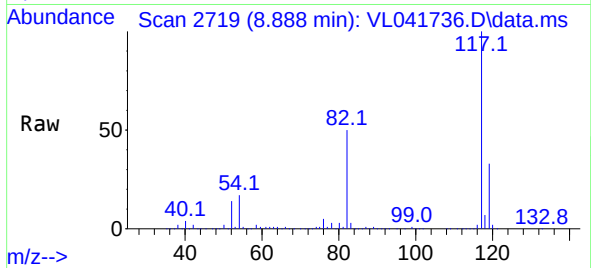
Tgt Ion:107 Resp: 528001
Ion Ratio Lower Upper
107 100
109 95.9 75.5 113.3





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

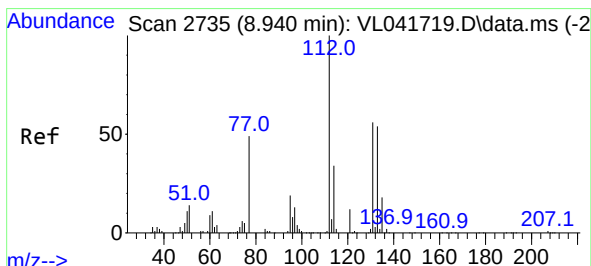
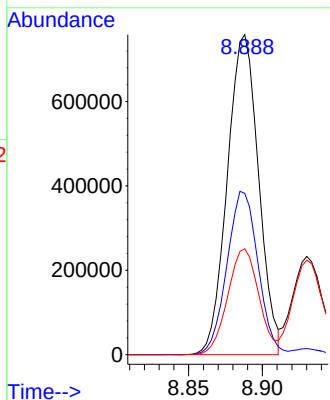
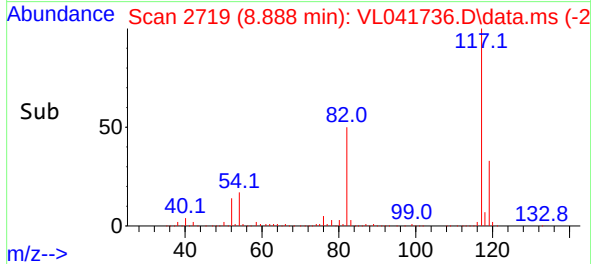
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS02



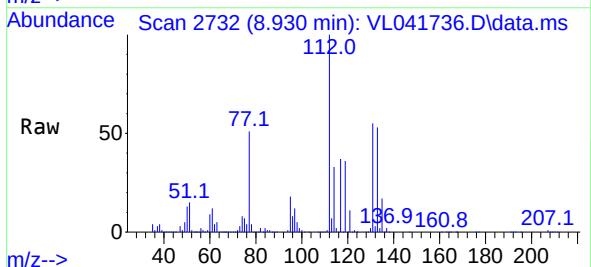
Tgt Ion:117 Resp: 1119484
Ion Ratio Lower Upper
117 100
82 52.4 41.3 61.9
119 33.3 25.8 38.8

Manual Integrations
APPROVED

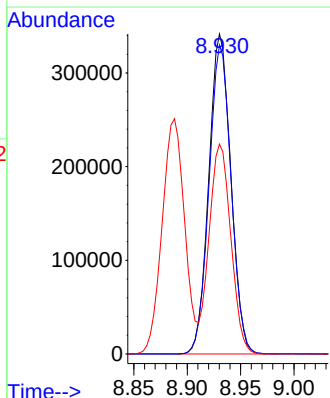
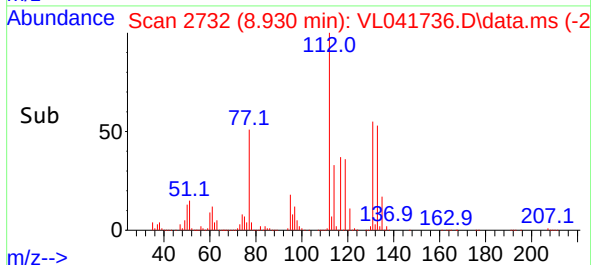
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

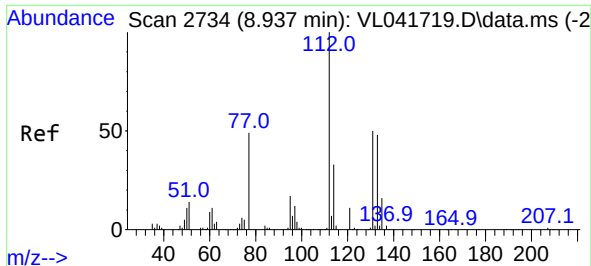


#56
1,1,1,2-Tetrachloroethane
Concen: 9.418 ppbv
RT: 8.930 min Scan# 2732
Delta R.T. -0.010 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41



Tgt Ion:131 Resp: 490202
Ion Ratio Lower Upper
131 100
133 96.7 76.9 115.3
119 65.6 52.6 78.8





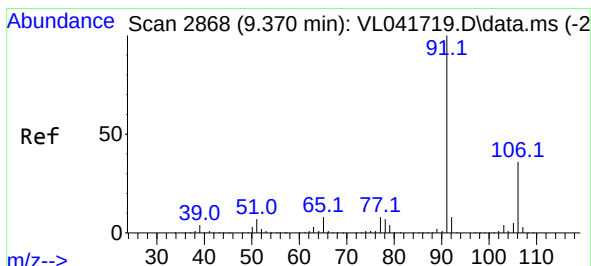
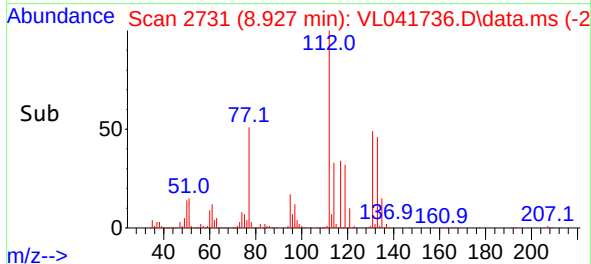
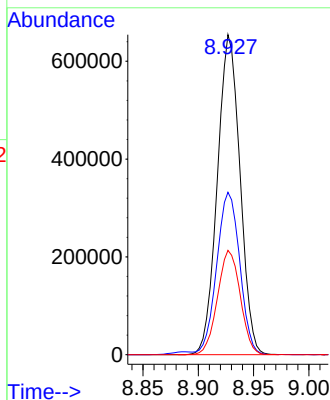
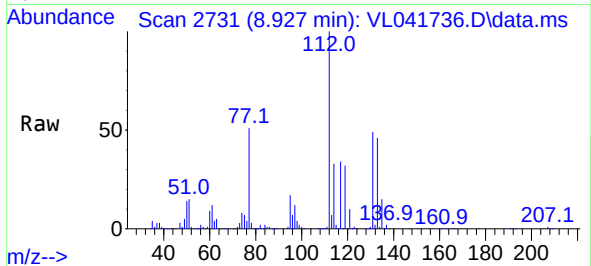
#57
Chlorobenzene
Concen: 9.161 ppbv
RT: 8.927 min Scan# 211
Delta R.T. -0.010 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS02

Tgt Ion:112 Resp: 933220
Ion Ratio Lower Upper
112 100
77 50.7 40.1 60.1
114 32.6 30.2 36.9

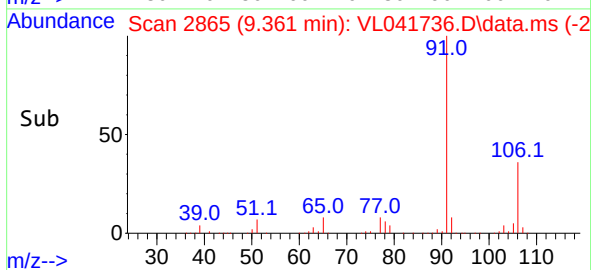
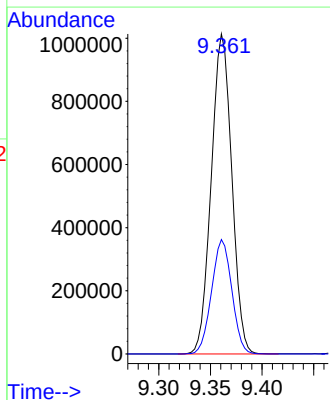
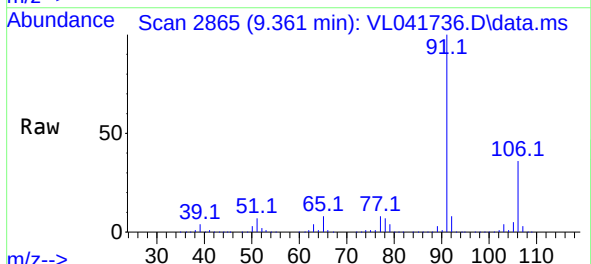
Manual Integrations
APPROVED

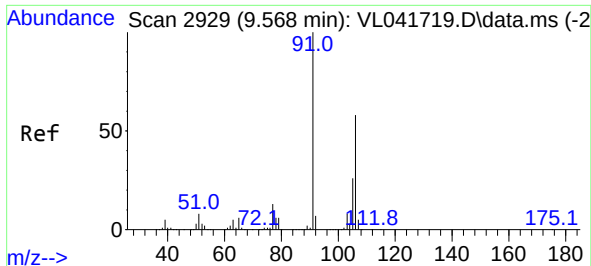
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#58
Ethyl Benzene
Concen: 9.338 ppbv
RT: 9.361 min Scan# 2865
Delta R.T. -0.010 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

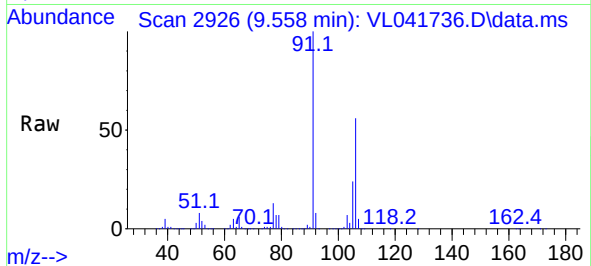
Tgt Ion: 91 Resp: 1398960
Ion Ratio Lower Upper
91 100
106 35.8 28.6 43.0





#59
m/p-Xylene
Concen: 18.536 ppbv m
RT: 9.558 min Scan# 2929
Delta R.T. -0.010 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

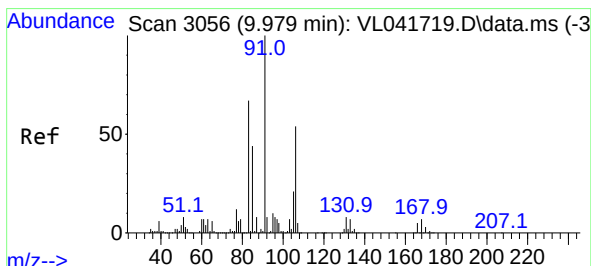
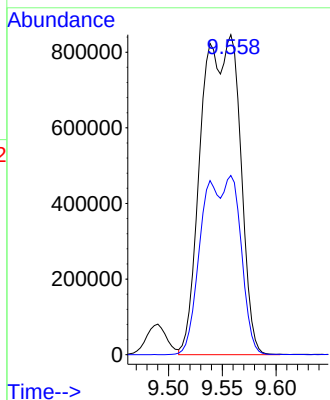
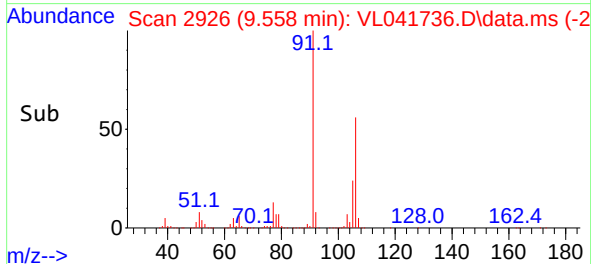
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS02



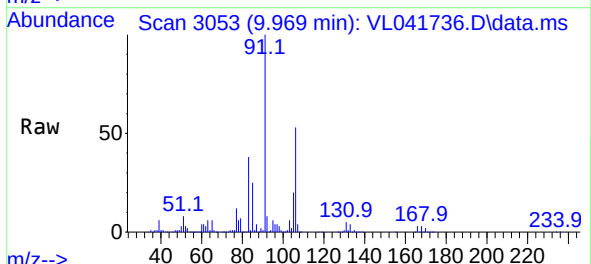
Tgt Ion: 91 Resp: 2128084
Ion Ratio Lower Upper
91 100
106 55.9 45.1 67.7

Manual Integrations
APPROVED

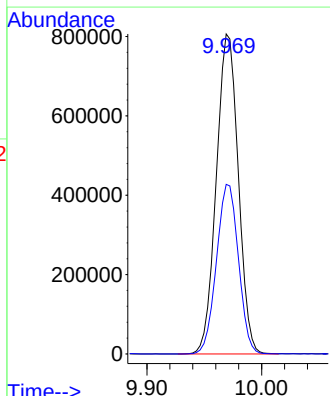
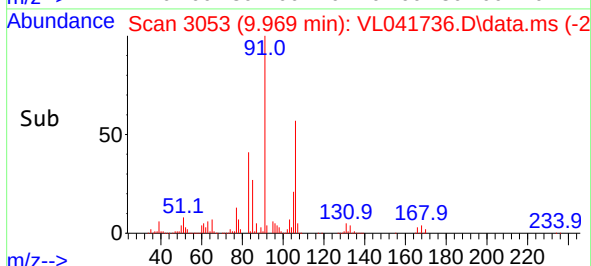
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

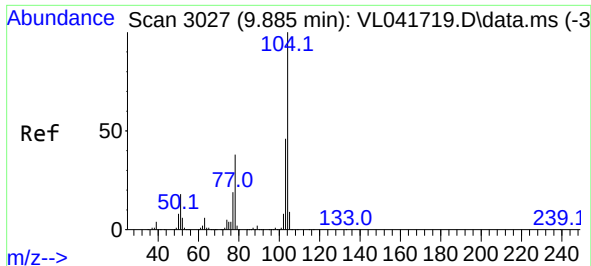


#60
o-Xylene
Concen: 9.428 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. -0.010 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41



Tgt Ion: 91 Resp: 1073122
Ion Ratio Lower Upper
91 100
106 53.1 26.8 80.4





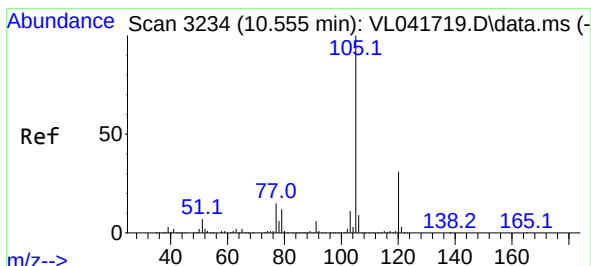
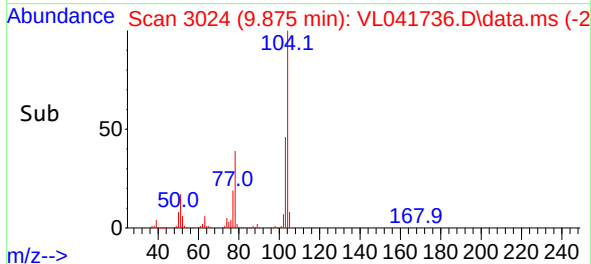
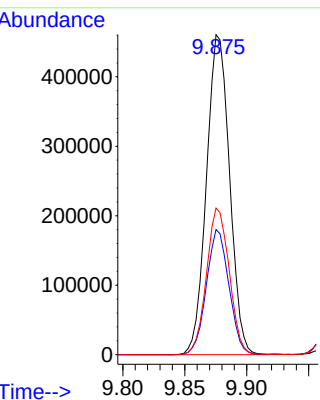
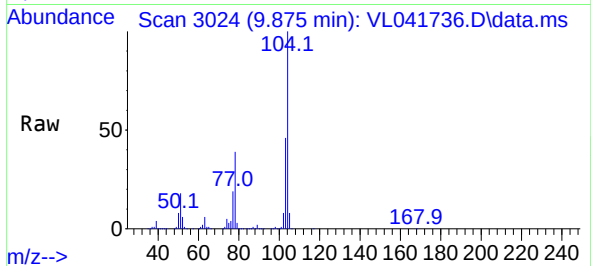
#61
Styrene
Concen: 9.540 ppbv
RT: 9.875 min Scan# 3027
Delta R.T. -0.010 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS02

Tgt Ion:104 Resp: 59940
Ion Ratio Lower Upper
104 100
78 38.3 30.2 45.4
103 45.2 36.7 55.1

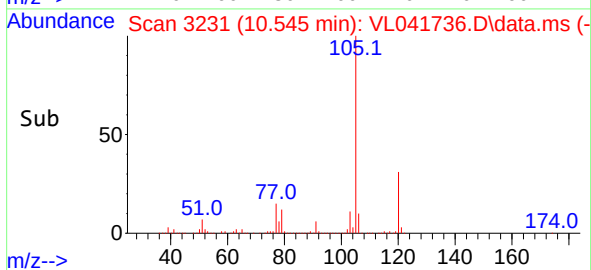
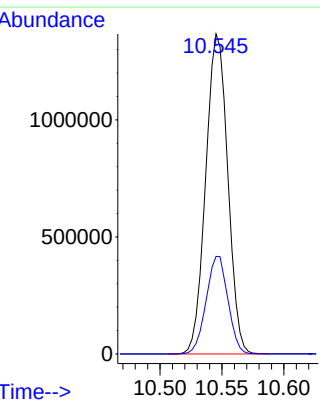
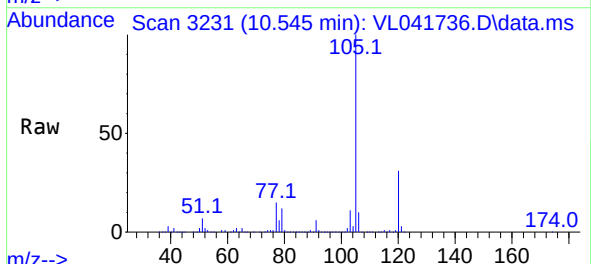
Manual Integrations
APPROVED

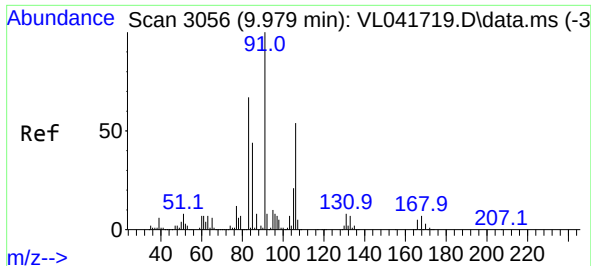
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#62
Isopropylbenzene
Concen: 9.029 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. -0.010 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

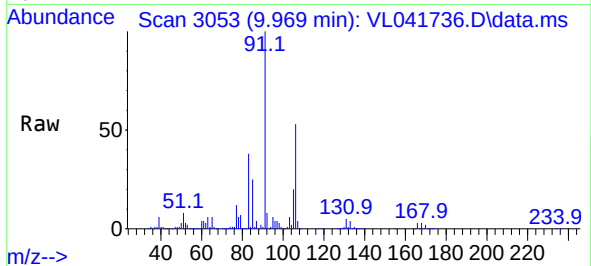
Tgt Ion:105 Resp: 1695295
Ion Ratio Lower Upper
105 100
120 30.1 24.3 36.5





#63
1,1,2,2-Tetrachloroethane
Concen: 5.304 ppbv
RT: 9.969 min Scan# 3056
Delta R.T. -0.010 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

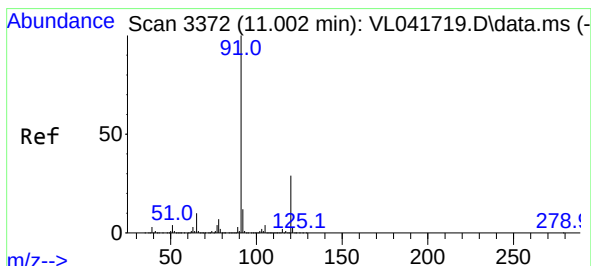
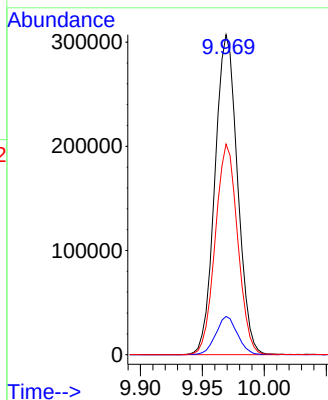
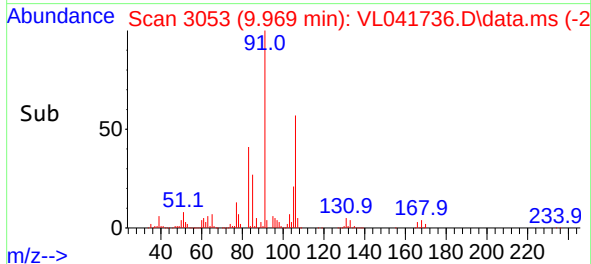
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS02



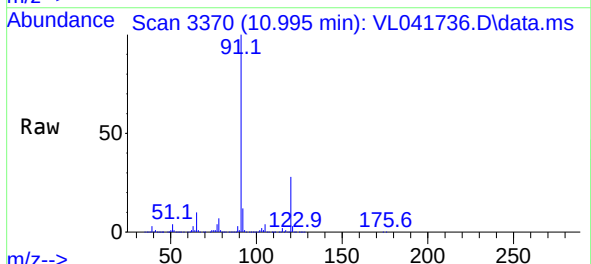
Tgt Ion: 83 Resp: 390592
Ion Ratio Lower Upper
83 100
131 11.4 5.9 17.6
85 65.4 32.8 98.4

Manual Integrations
APPROVED

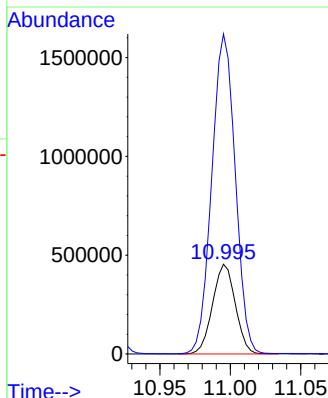
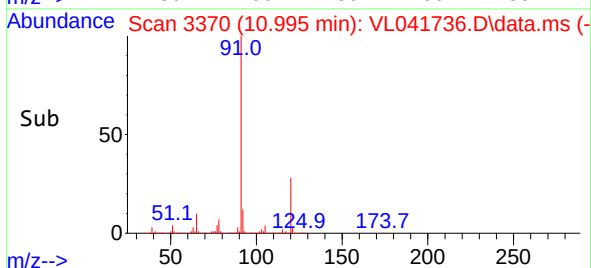
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

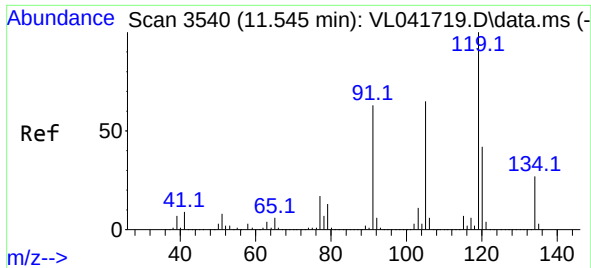


#64
n-propylbenzene
Concen: 9.227 ppbv
RT: 10.995 min Scan# 3370
Delta R.T. -0.007 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41



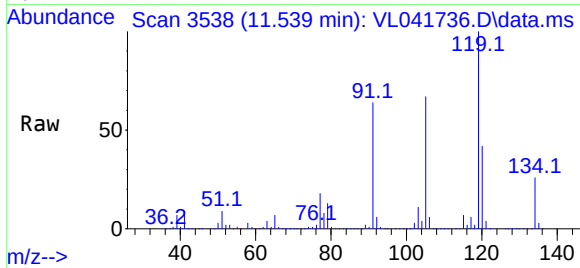
Tgt Ion:120 Resp: 510127
Ion Ratio Lower Upper
120 100
91 369.5 290.8 436.2





#65
tert-Butylbenzene
Concen: 9.137 ppbv
RT: 11.539 min Scan# 311
Delta R.T. -0.007 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

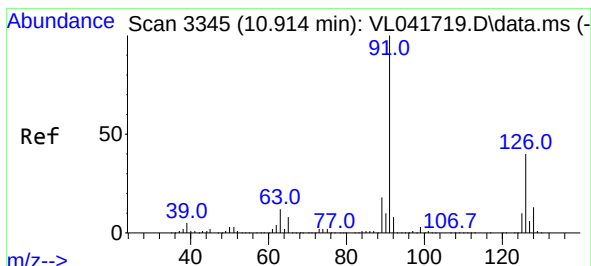
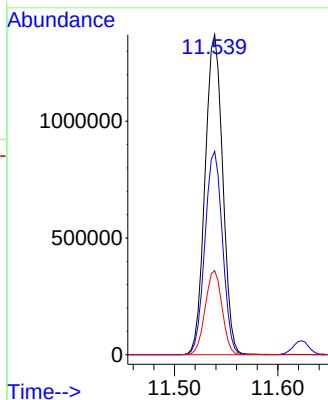
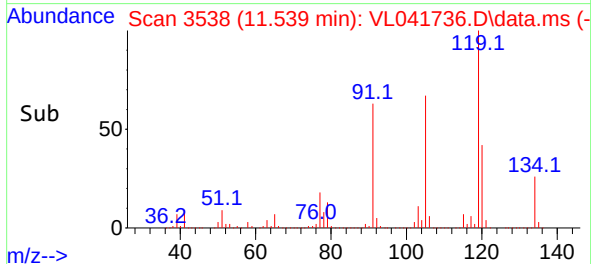
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS02



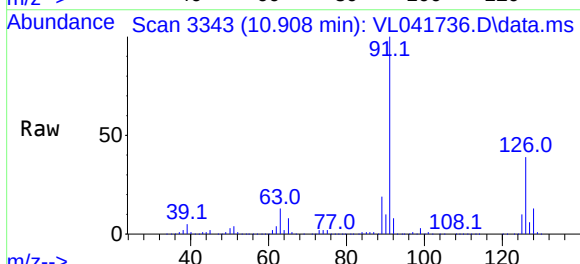
Tgt Ion: 119 Resp: 1626384
Ion Ratio Lower Upper
119 100
91 63.4 50.2 75.4
134 25.2 20.4 30.6

Manual Integrations
APPROVED

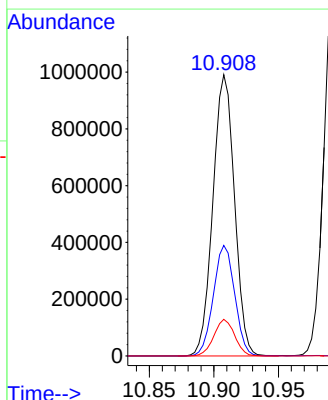
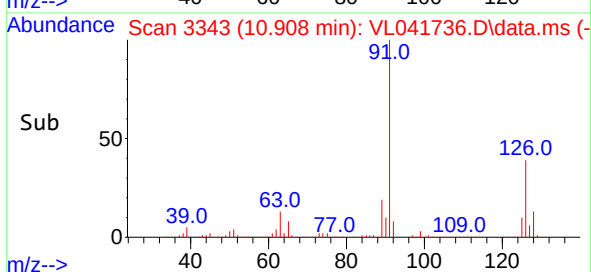
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

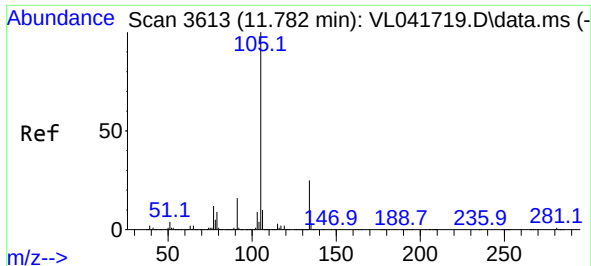


#66
Benzyl Chloride
Concen: 9.014 ppbv
RT: 10.908 min Scan# 3343
Delta R.T. -0.007 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41



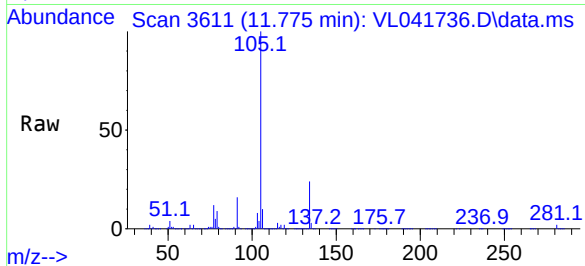
Tgt Ion: 91 Resp: 1150559
Ion Ratio Lower Upper
91 100
126 38.8 31.8 47.8
128 12.6 10.3 15.5





#67
sec-Butylbenzene
Concen: 9.084 ppbv
RT: 11.775 min Scan# 30
Delta R.T. -0.007 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

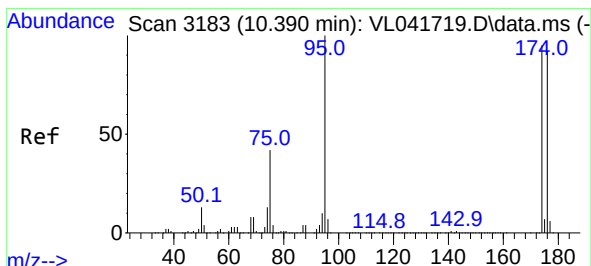
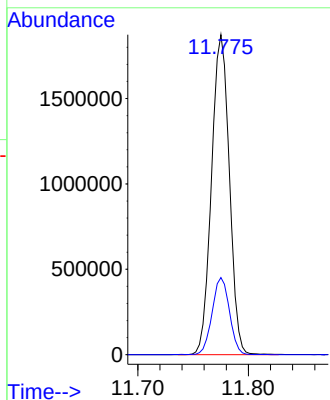
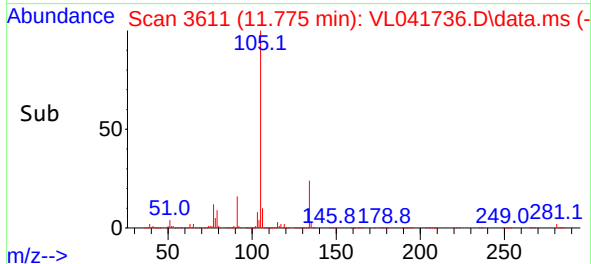
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS02



Tgt Ion:105 Resp: 209300
Ion Ratio Lower Upper
105 100
134 23.5 19.3 28.9

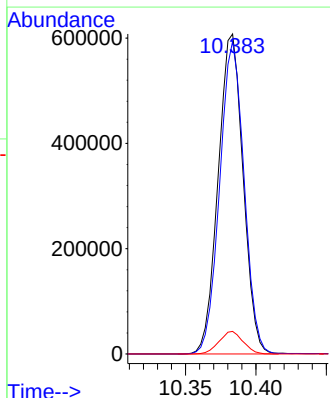
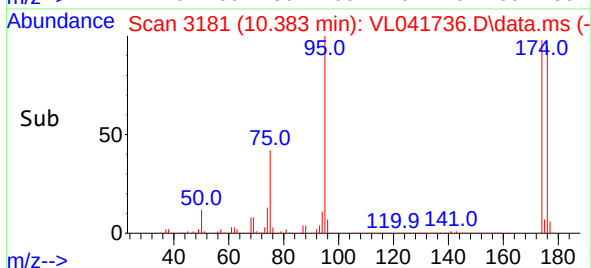
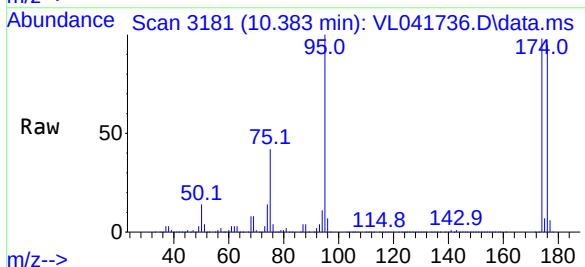
Manual Integrations
APPROVED

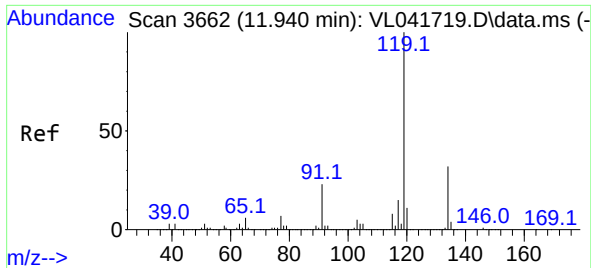
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 10.173 ppbv
RT: 10.383 min Scan# 3181
Delta R.T. -0.007 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

Tgt Ion: 95 Resp: 748643
Ion Ratio Lower Upper
95 100
174 95.5 76.7 115.1
175 6.8 5.4 8.2





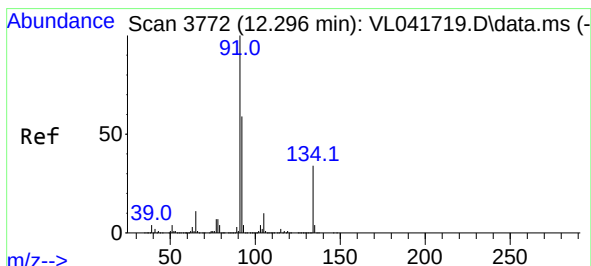
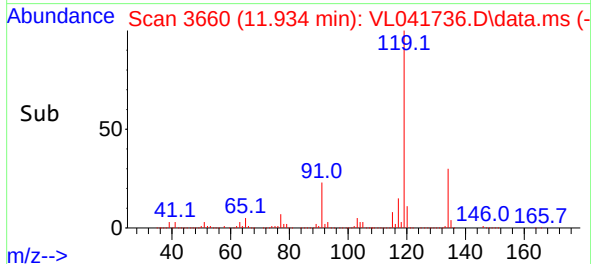
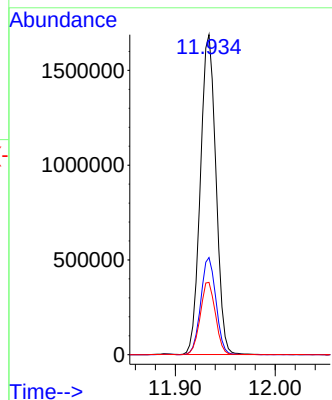
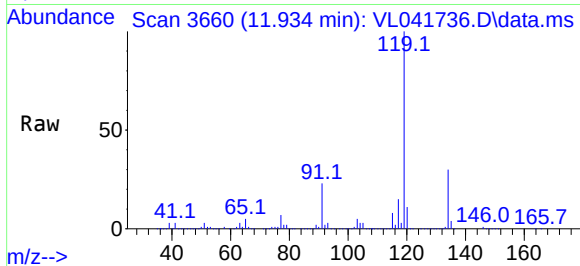
#69
p-Isopropyltoluene
Concen: 9.175 ppbv
RT: 11.934 min Scan# 3660
Delta R.T. -0.007 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS02

Tgt Ion:119 Resp: 182325
Ion Ratio Lower Upper
119 100
134 29.9 24.6 36.8
91 22.2 17.8 26.8

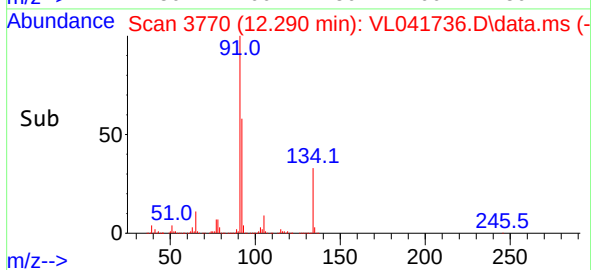
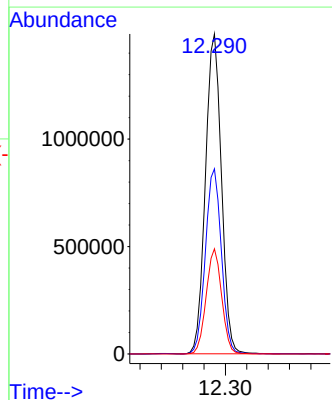
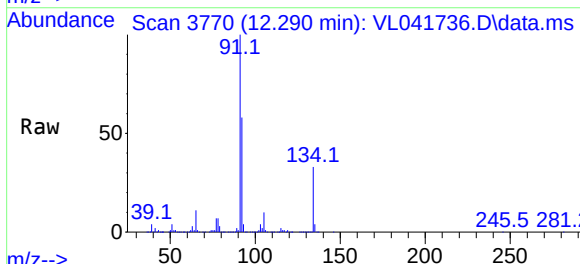
Manual Integrations
APPROVED

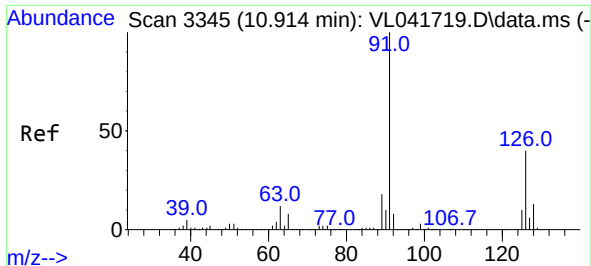
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#70
n-Butylbenzene
Concen: 9.395 ppbv
RT: 12.290 min Scan# 3770
Delta R.T. -0.007 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

Tgt Ion: 91 Resp: 1549304
Ion Ratio Lower Upper
91 100
92 58.0 46.7 70.1
134 31.9 26.2 39.4





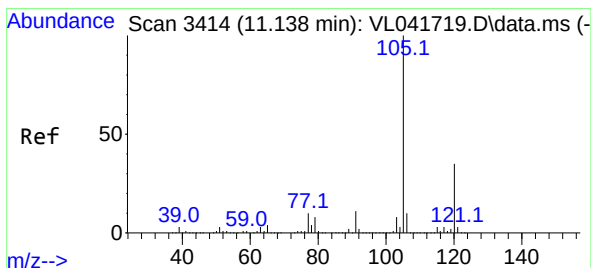
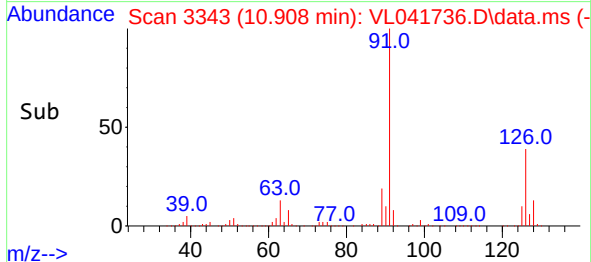
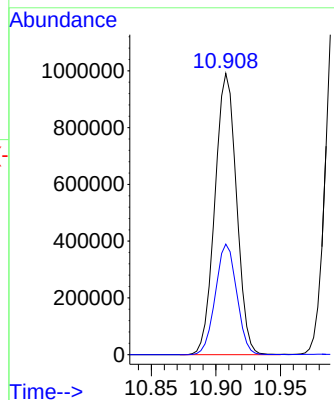
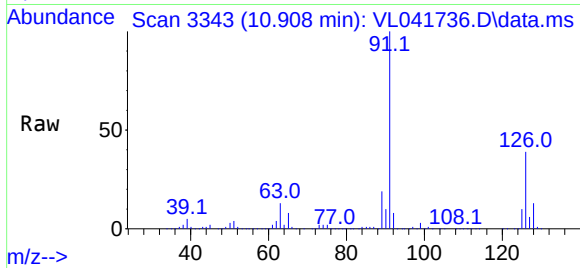
#71
2-Chlorotoluene
Concen: 9.014 ppbv
RT: 10.908 min Scan# 31
Delta R.T. -0.007 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS02

Tgt Ion: 91 Resp: 115055
Ion Ratio Lower Upper
91 100
126 38.8 15.9 63.7

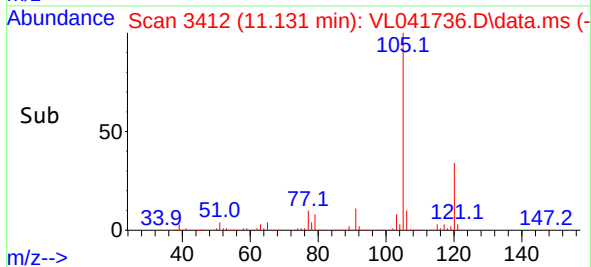
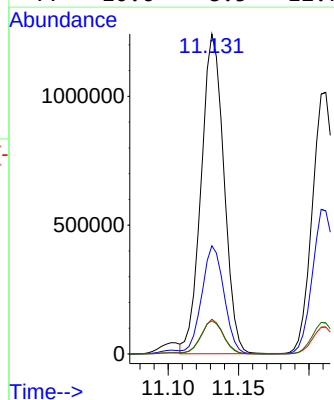
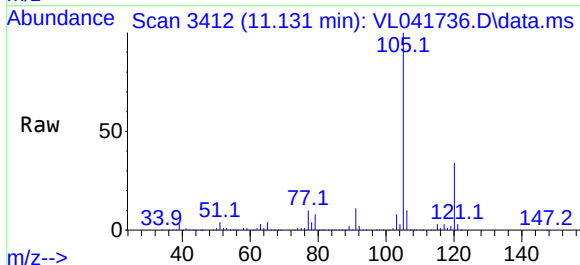
Manual Integrations
APPROVED

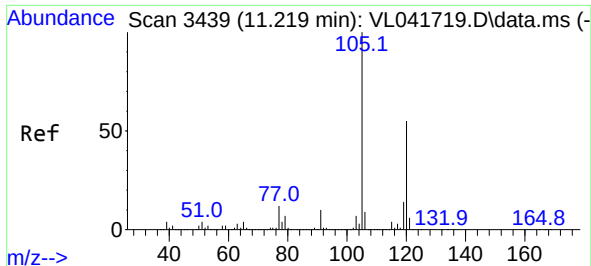
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#72
4-Ethyltoluene
Concen: 9.454 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. -0.007 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

Tgt Ion:105 Resp: 1389535
Ion Ratio Lower Upper
105 100
120 34.4 28.0 42.0
91 10.9 8.8 13.2
77 10.6 8.5 12.7





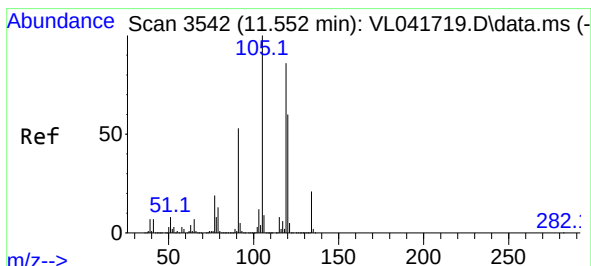
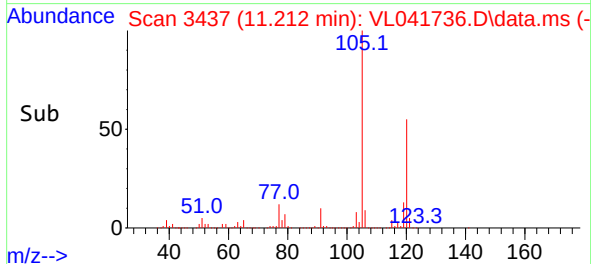
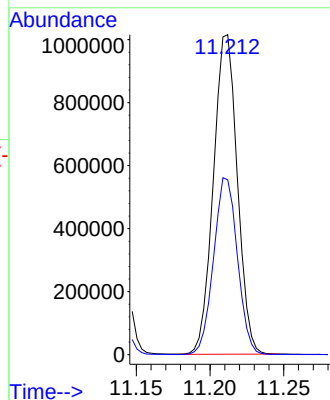
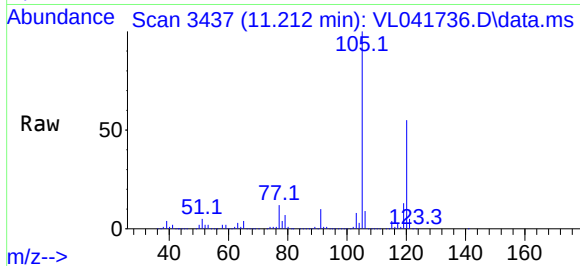
#73
1,3,5-Trimethylbenzene
Concen: 9.631 ppbv
RT: 11.212 min Scan# 3439
Delta R.T. -0.007 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS02

Tgt Ion:105 Resp: 114516
Ion Ratio Lower Upper
105 100
120 54.7 43.6 65.4

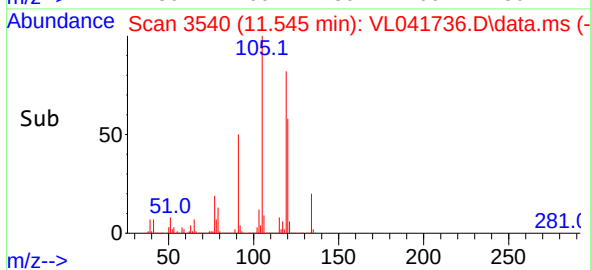
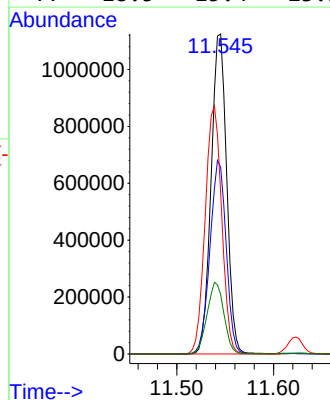
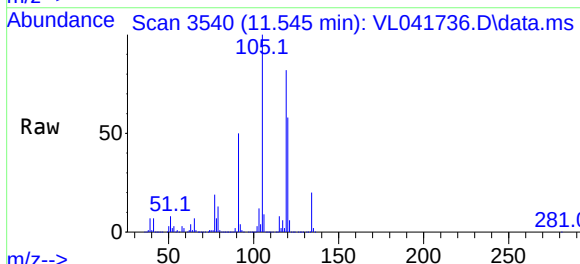
Manual Integrations
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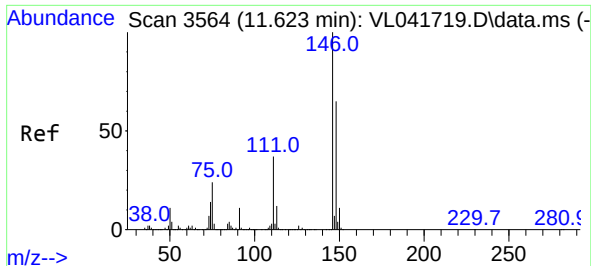
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#74
1,2,4-Trimethylbenzene
Concen: 9.726 ppbv
RT: 11.545 min Scan# 3540
Delta R.T. -0.007 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

Tgt Ion:105 Resp: 1257260
Ion Ratio Lower Upper
105 100
120 58.3 47.8 71.6
91 50.3 42.5 63.7
77 18.5 15.4 23.2





#75

1,3-Dichlorobenzene

Concen: 8.987 ppbv

RT: 11.613 min Scan# 3561

Delta R.T. -0.010 min

Lab File: VL041736.D

Acq: 11 Dec 2024 23:41

Instrument :

MSVOA_L

ClientSampleId :

VL1211ABS02

Tgt Ion:146 Resp: 92833

Ion Ratio Lower Upper

146 100

111 36.9 18.4 55.2

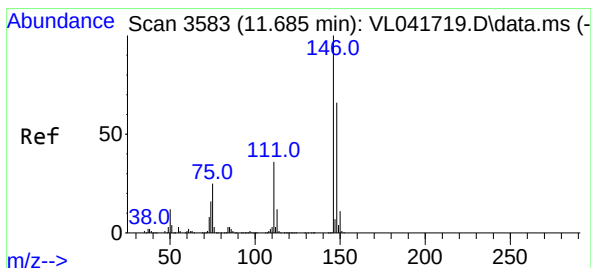
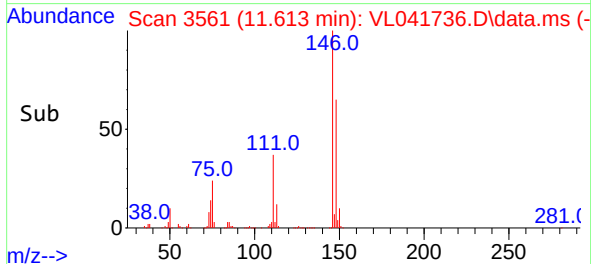
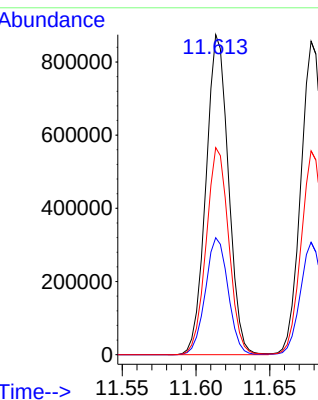
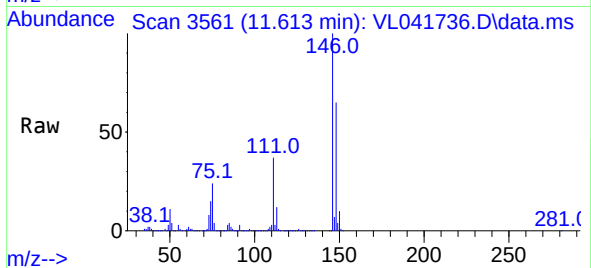
148 64.8 32.4 97.2

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: 9.054 ppbv

RT: 11.678 min Scan# 3581

Delta R.T. -0.007 min

Lab File: VL041736.D

Acq: 11 Dec 2024 23:41

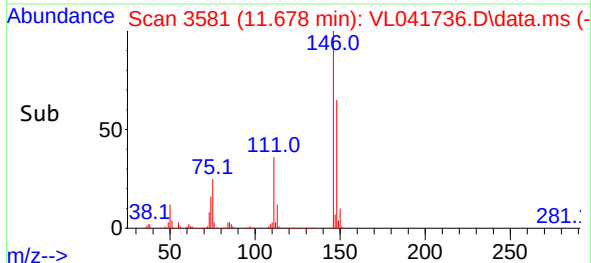
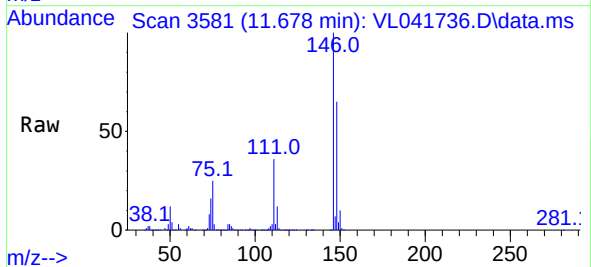
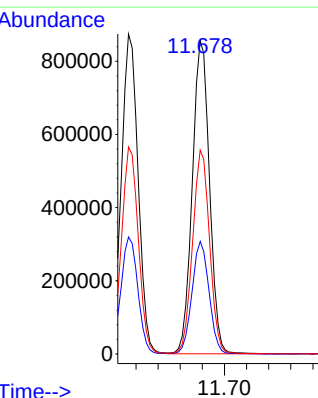
Tgt Ion:146 Resp: 923709

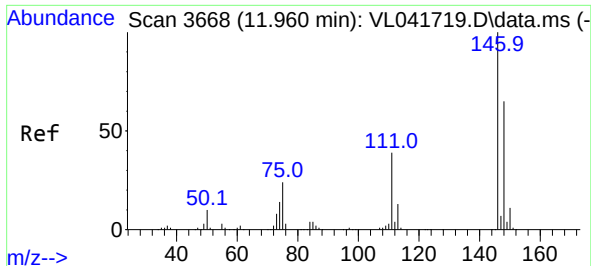
Ion Ratio Lower Upper

146 100

111 35.6 17.8 53.4

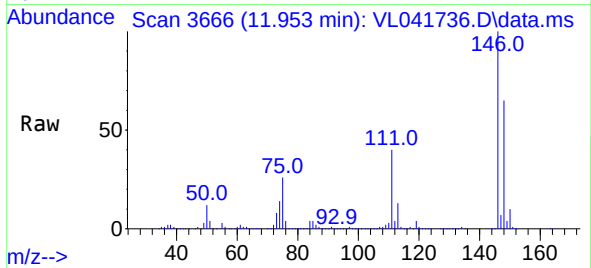
148 64.6 32.4 97.2





#77
1,2-Dichlorobenzene
Concen: 9.031 ppbv
RT: 11.953 min Scan# 30
Delta R.T. -0.007 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

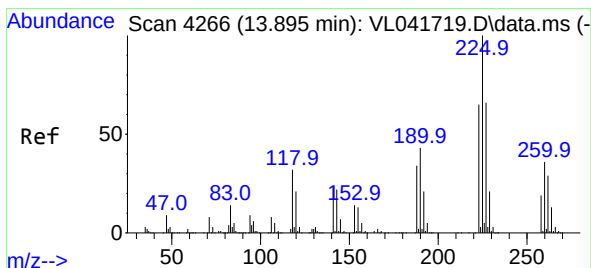
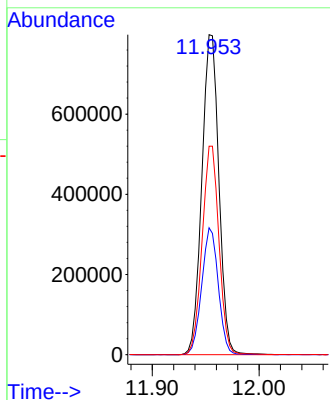
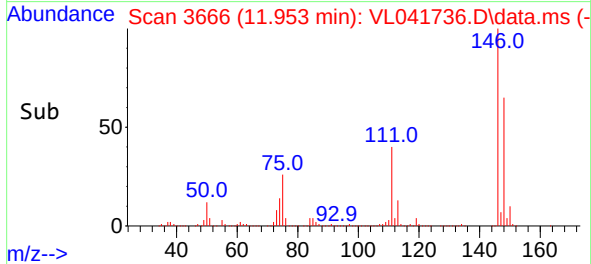
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS02



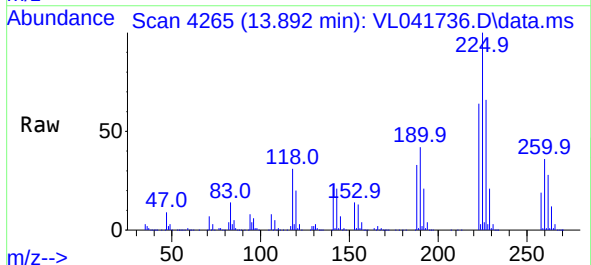
Tgt Ion:146 Resp: 883309
Ion Ratio Lower Upper
146 100
111 38.7 19.2 57.6
148 64.5 32.4 97.2

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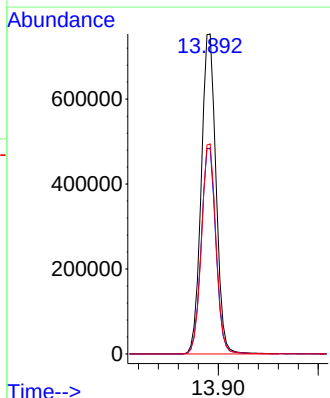
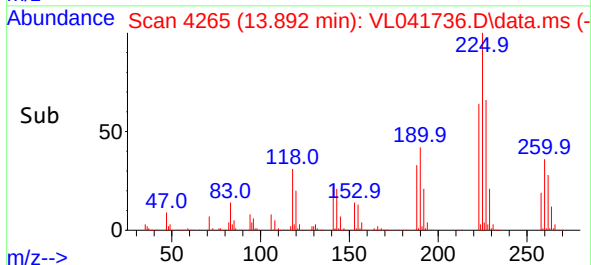
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

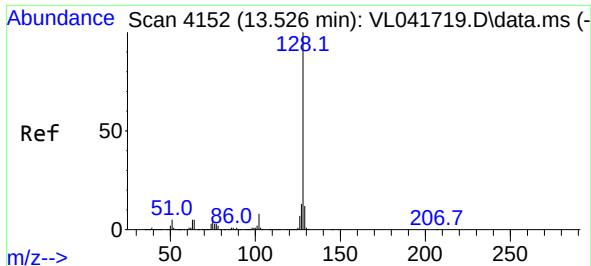


#78
Hexachloro-1,3-Butadiene
Concen: 9.596 ppbv
RT: 13.892 min Scan# 4265
Delta R.T. -0.003 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41



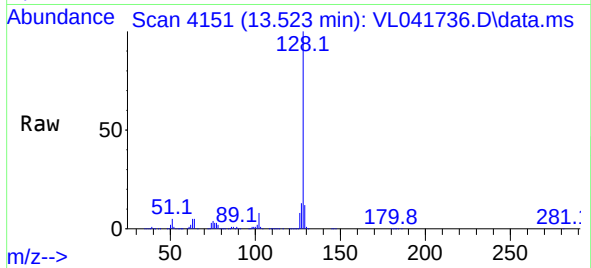
Tgt Ion:225 Resp: 771483
Ion Ratio Lower Upper
225 100
223 64.0 51.1 76.7
227 64.9 51.8 77.6





#79
Naphthalene
Concen: 11.125 ppbv
RT: 13.523 min Scan# 4152
Delta R.T. -0.003 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

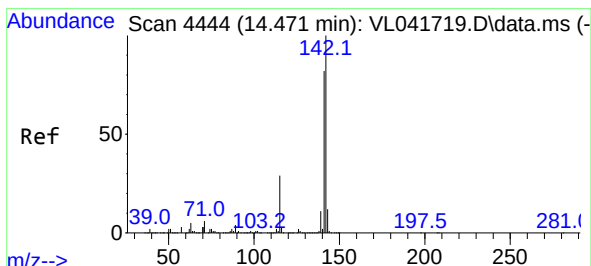
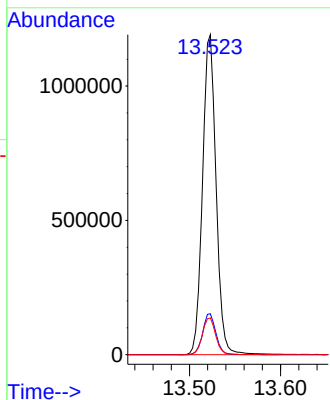
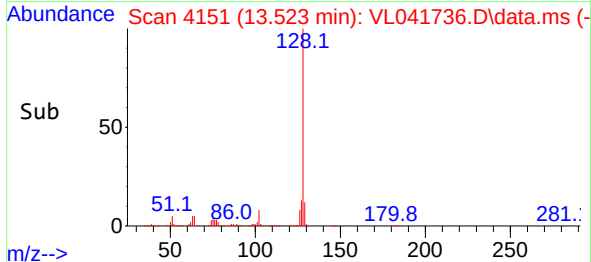
Instrument :
MSVOA_L
ClientSampleId :
VL1211ABS02



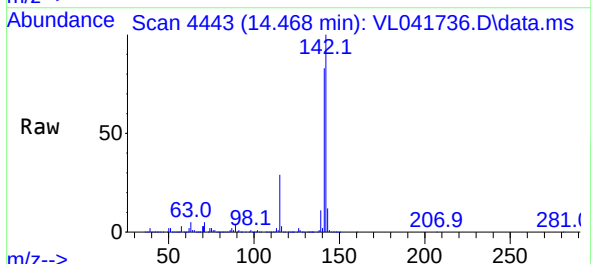
Tgt Ion:128 Resp: 1230885
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.5 9.4 14.0

Manual Integrations
APPROVED

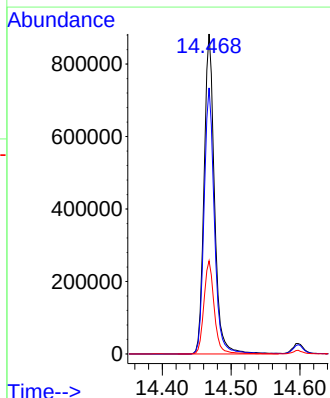
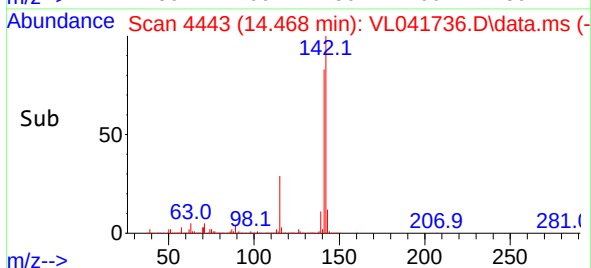
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



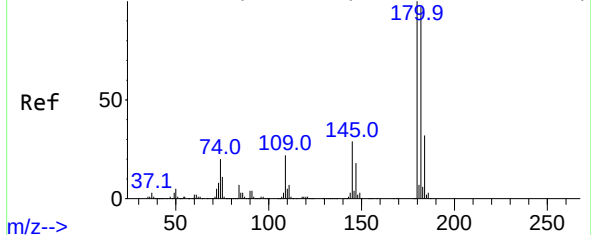
#80
Naphthalene,2-methyl-
Concen: 22.997 ppbv
RT: 14.468 min Scan# 4443
Delta R.T. -0.003 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41



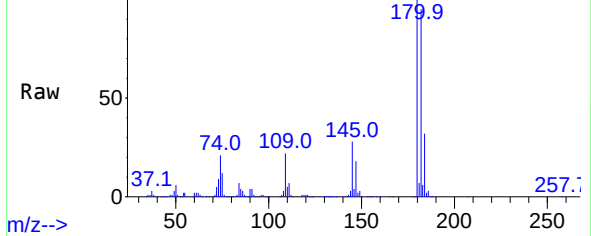
Tgt Ion:142 Resp: 920550
Ion Ratio Lower Upper
142 100
141 82.9 66.0 99.0
115 29.1 22.8 34.2



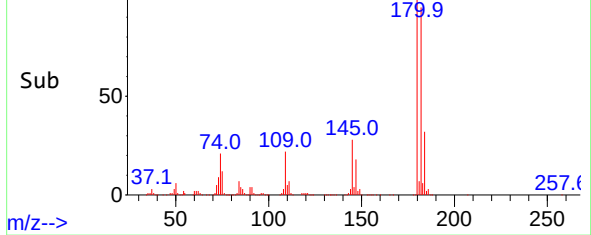
Abundance Scan 4130 (13.455 min): VL041719.D\data.ms (-



Abundance Scan 4128 (13.448 min): VL041736.D\data.ms



Abundance Scan 4128 (13.448 min): VL041736.D\data.ms (-



#81

1,2,4-Trichlorobenzene

Concen: 10.713 ppbv

RT: 13.448 min Scan# 41

Delta R.T. -0.007 min

Lab File: VL041736.D

Acq: 11 Dec 2024 23:41

Instrument :

MSVOA_L

ClientSampleId :

VL1211ABS02

Tgt Ion:180 Resp: 746302

Ion Ratio Lower Upper

180 100

182 96.4 77.2 115.8

184 31.5 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024

Supervised By :Semsettin Yesilyurt 12/13/2024

