

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041721.D
 Acq On : 11 Dec 2024 15:14
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Quant Time: Dec 12 13:16:02 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 13:14:06 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	2.794	49	285565	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	1424393	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	1275972	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.393	95	834468	9.948	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	50305	1.004	ppbv	95
3) Chlorodifluoromethane	1.476	51	40893	1.052	ppbv	97
4) Chloromethane	1.535	50	13261	0.997	ppbv	96
5) Vinyl Chloride	1.583	62	15024	0.922	ppbv	99
6) Bromomethane	1.670	94	10144	0.949	ppbv	95
7) Chloroethane	1.706	64	6852	0.967	ppbv	96
8) Dichlorotetrafluoroethane	1.557	85	40247	0.985	ppbv	99
9) Propene	1.486	41	17431	1.052	ppbv	98
10) Heptane	4.994	43	47259	1.031	ppbv	99
11) Trichlorofluoromethane	1.881	101	56973	0.987	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.143	101	51818	0.997	ppbv	100
13) Ethanol	1.725	45	1716	1.252	ppbv	90
14) Bromoethene	1.784	108	18586	0.976	ppbv #	98
15) Acetone	1.839	43	36363	1.103	ppbv	97
16) 1,3-Butadiene	1.612	39	11654	1.054	ppbv	93
17) tert-Butyl alcohol	2.046	59	48665	1.018	ppbv	97
18) 1,1-Dichloroethene	2.039	96	24104	1.003	ppbv	98
19) Isopropyl Alcohol	1.891	45	36746	1.173	ppbv #	29
20) Methylene Chloride	2.065	84	19720	0.987	ppbv	98
21) Allyl Chloride	2.101	41	18501	0.997	ppbv	98
22) trans-1,2-Dichloroethene	2.347	96	26219	0.953	ppbv	94
23) Vinyl Acetate	2.467	43	21334	1.069	ppbv #	95
24) 1,1-Dichloroethane	2.415	63	36403	0.980	ppbv	99
25) Ethyl Acetate	4.994	43	47259	1.031	ppbv #	100
26) Hexane	2.832	57	45964	1.034	ppbv	96
27) Carbon Disulfide	2.156	76	42483	0.928	ppbv	96
28) Methyl tert-Butyl Ether	2.447	73	33377	1.001	ppbv	96
29) Chloroform	2.855	83	70511	1.036	ppbv	98
30) Cyclohexane	3.868	84	50673	1.015	ppbv	98
31) cis-1,2-Dichloroethene	2.729	61	42330	1.028	ppbv	97
32) 1,1,1-Trichloroethane	3.379	97	67396	1.007	ppbv	99
34) 2-Butanone	2.564	43	53437	1.071	ppbv	100
35) Carbon Tetrachloride	3.774	117	67711	1.021	ppbv	97
36) Benzene	3.667	78	116586	1.041	ppbv	98
37) 1,2-Dichloroethane	3.227	62	40996	1.013	ppbv	99
38) Trichloroethene	4.561	130	59358	1.022	ppbv	98
39) 1,2-Dichloropropane	4.328	63	36470	1.022	ppbv	98
40) 1,4-Dioxane	4.613	88	22757	1.057	ppbv #	53
41) Tetrahydrofuran	3.072	42	30134	1.003	ppbv	97
42) Bromodichloromethane	4.506	83	63873	0.978	ppbv	99
43) Methyl Methacrylate	4.901	69	40551	1.005	ppbv	99
44) 2,2,4-Trimethylpentane	4.655	57	163463	1.049	ppbv	98
45) t-1,3-Dichloropropene	6.432	75	36886m	0.934	ppbv	

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

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

Quant Time: Dec 12 13:16:02 2024

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

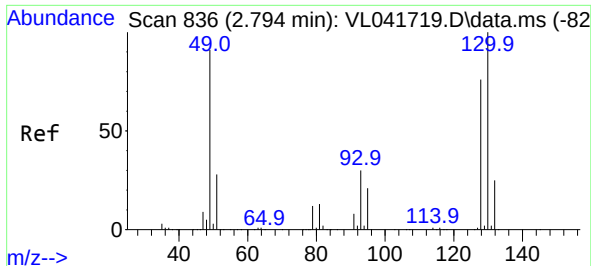
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Thu Dec 12 13:14:06 2024

Response via : Initial Calibration

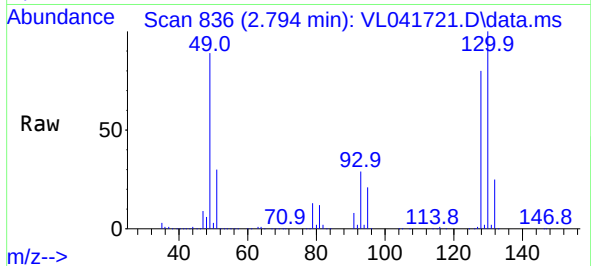
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.619	75	51435	0.984	ppbv	99
47) 1,1,2-Trichloroethane	6.603	97	47804	1.006	ppbv	97
48) Dibromochloromethane	7.406	129	61462	0.898	ppbv	100
49) Bromoform	9.500	173	56478	0.862	ppbv	99
50) 4-Methyl-2-Pentanone	5.778	43	72003	1.007	ppbv	98
51) 2-Hexanone	7.461	43	59779	1.016	ppbv #	100
52) Tetrachloroethene	8.241	164	58434	0.985	ppbv	96
53) Toluene	6.953	91	140542	1.021	ppbv	99
54) 1,2-Dibromoethane	7.671	107	66302	1.021	ppbv	97
56) 1,1,1,2-Tetrachloroethane	8.943	131	58345	0.984	ppbv #	1
57) Chlorobenzene	8.940	112	121568	1.047	ppbv	98
58) Ethyl Benzene	9.370	91	174269	1.021	ppbv	95
59) m/p-Xylene	9.568	91	271769m	2.077	ppbv	
60) o-Xylene	9.979	91	134107	1.034	ppbv	97
61) Styrene	9.888	104	69858	0.976	ppbv	100
62) Isopropylbenzene	10.555	105	223680	1.045	ppbv	97
63) 1,1,2,2-Tetrachloroethane	9.979	83	85775	1.022	ppbv	100
64) n-propylbenzene	11.002	120	64153	1.018	ppbv	91
65) tert-Butylbenzene	11.545	119	210770	1.039	ppbv	99
66) Benzyl Chloride	10.914	91	150873	1.037	ppbv	99
67) sec-Butylbenzene	11.782	105	278739	1.061	ppbv	97
69) p-Isopropyltoluene	11.940	119	235291	1.039	ppbv	97
70) n-Butylbenzene	12.296	91	194669	1.036	ppbv	97
71) 2-Chlorotoluene	10.914	91	150873	1.037	ppbv	98
72) 4-Ethyltoluene	11.141	105	172273	1.028	ppbv	98
73) 1,3,5-Trimethylbenzene	11.219	105	136839	1.010	ppbv	99
74) 1,2,4-Trimethylbenzene	11.549	105	145671	0.989	ppbv #	84
75) 1,3-Dichlorobenzene	11.620	146	121649	1.033	ppbv	99
76) 1,4-Dichlorobenzene	11.685	146	119170	1.025	ppbv	100
77) 1,2-Dichlorobenzene	11.963	146	114431	1.026	ppbv	99
78) Hexachloro-1,3-Butadiene	13.895	225	97895	1.068	ppbv	98
79) Naphthalene	13.530	128	127810	1.014	ppbv	98
80) Naphthalene,2-methyl-	14.475	142	21814	0.478	ppbv	97
81) 1,2,4-Trichlorobenzene	13.455	180	77622	0.978	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.794 min Scan# 836
Delta R.T. -0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

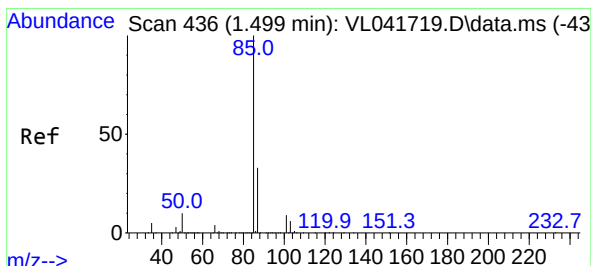
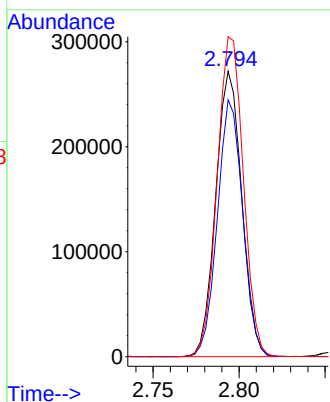
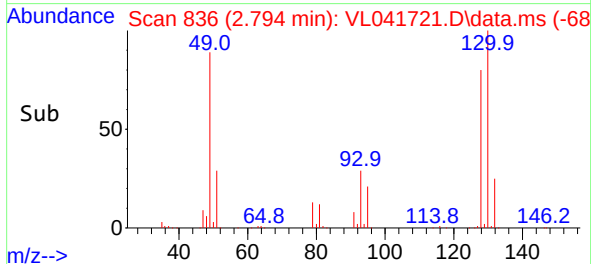
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



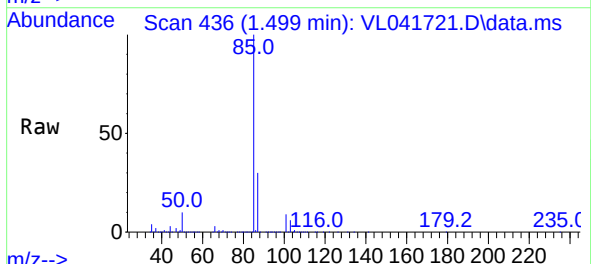
Tgt Ion: 49 Resp: 28556
Ion Ratio Lower Upper
49 100
128 88.2 42.8 128.3
130 113.4 55.8 167.4

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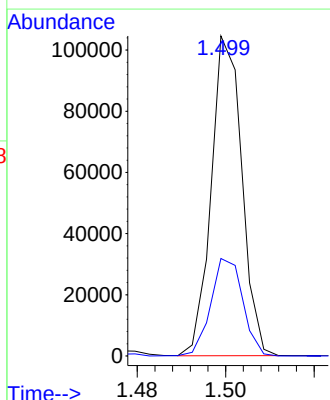
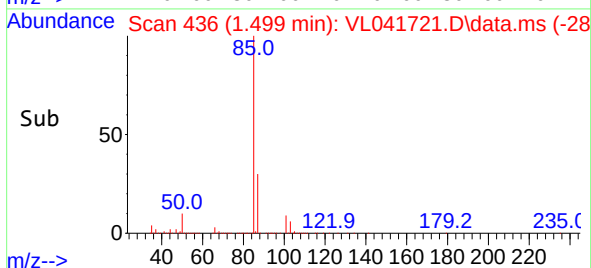
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

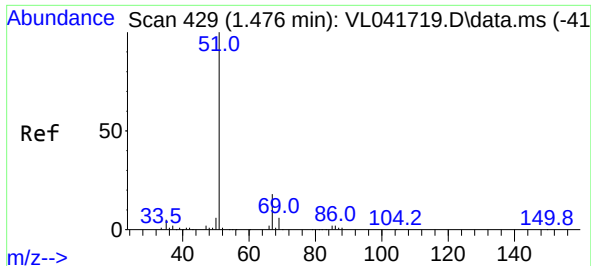


#2
Dichlorodifluoromethane
Concen: 1.004 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14



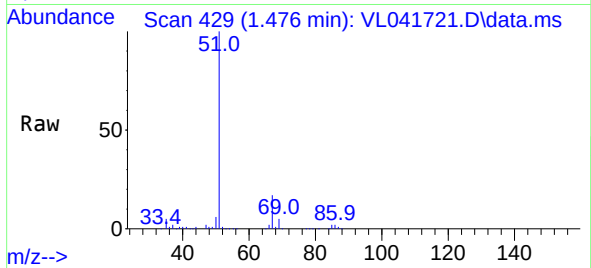
Tgt Ion: 85 Resp: 50305
Ion Ratio Lower Upper
85 100
87 30.5 26.6 39.8





#3
Chlorodifluoromethane
Concen: 1.052 ppbv
RT: 1.476 min Scan# 429
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

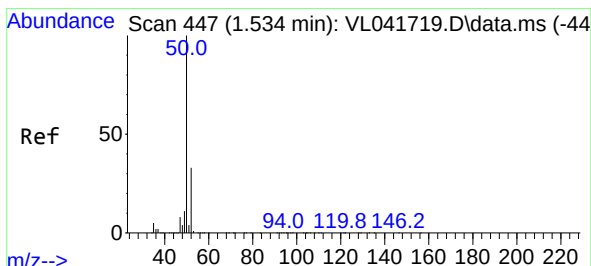
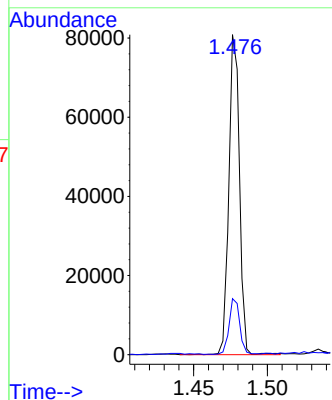
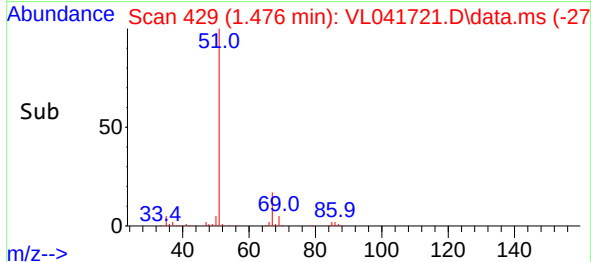
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



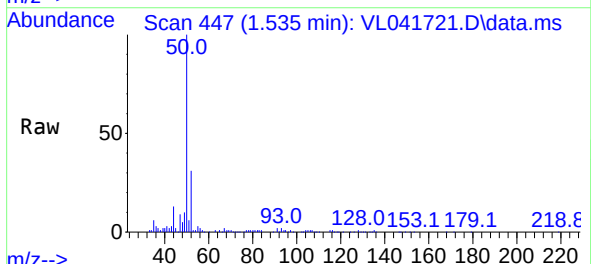
Tgt Ion: 51 Resp: 4089
Ion Ratio Lower Upper
51 100
67 19.4 14.6 21.8

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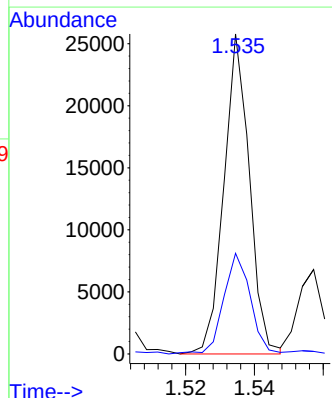
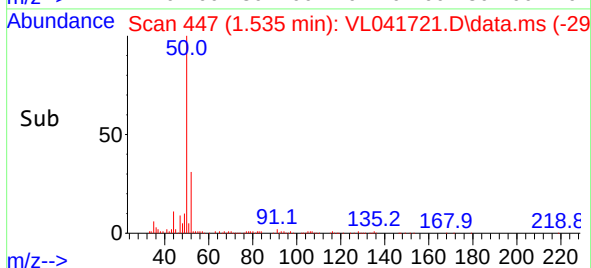
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

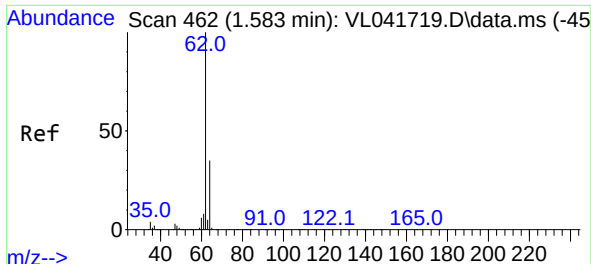


#4
Chloromethane
Concen: 0.997 ppbv
RT: 1.535 min Scan# 447
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14



Tgt Ion: 50 Resp: 13261
Ion Ratio Lower Upper
50 100
52 31.0 26.6 40.0





#5
 Vinyl Chloride
 Concen: 0.922 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. 0.000 min
 Lab File: VL041721.D
 Acq: 11 Dec 2024 15:14

Instrument :

MSVOA_L

ClientSampleId :

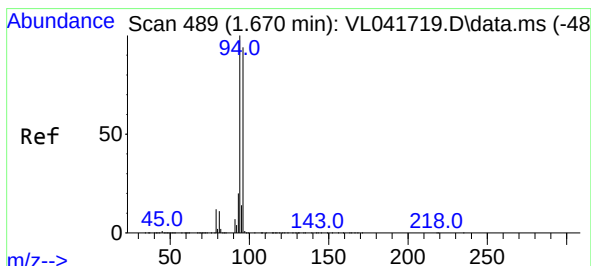
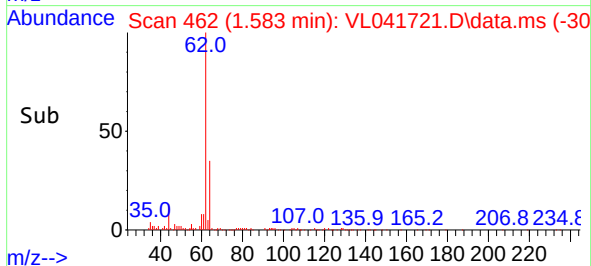
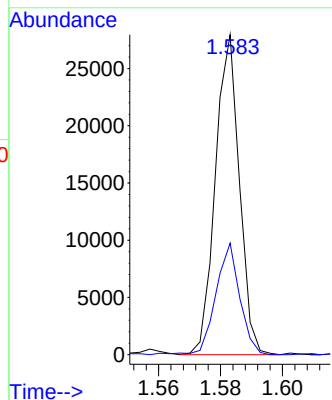
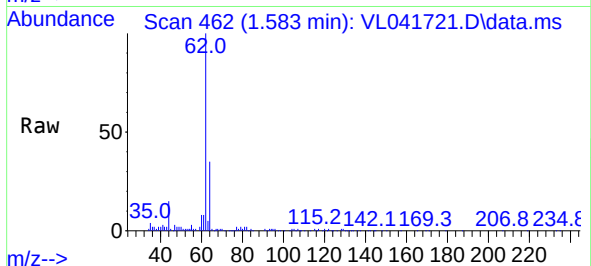
VSTDICC001

Tgt Ion: 62 Resp: 15024
 Ion Ratio Lower Upper
 62 100
 64 34.8 27.6 41.4

Manual Integrations

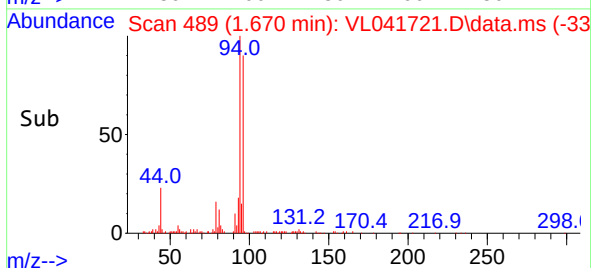
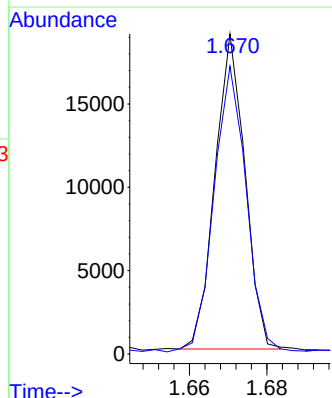
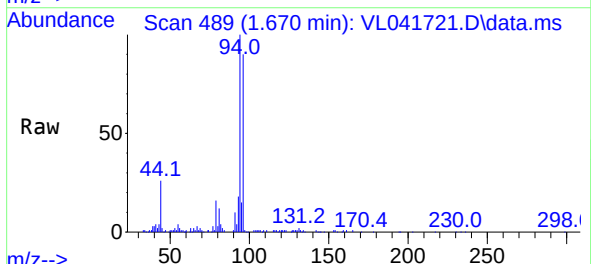
APPROVED

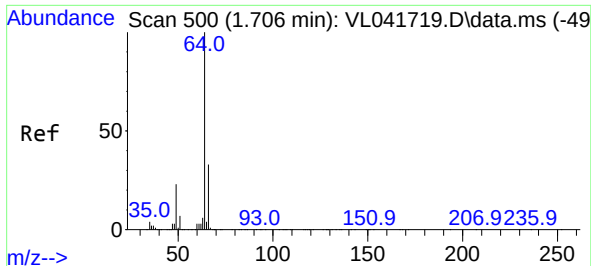
Reviewed By :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024



#6
 Bromomethane
 Concen: 0.949 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. 0.000 min
 Lab File: VL041721.D
 Acq: 11 Dec 2024 15:14

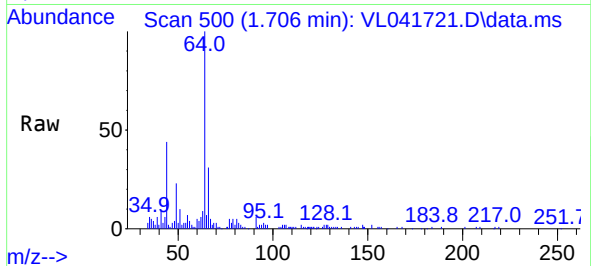
Tgt Ion: 94 Resp: 10144
 Ion Ratio Lower Upper
 94 100
 96 89.7 75.4 113.0





#7
Chloroethane
Concen: 0.967 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

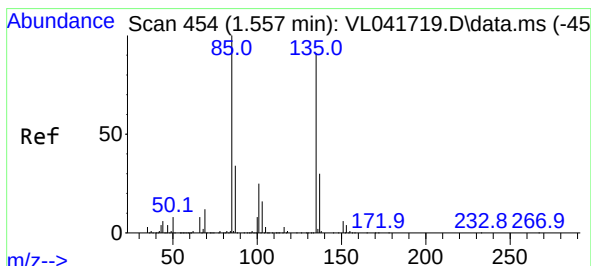
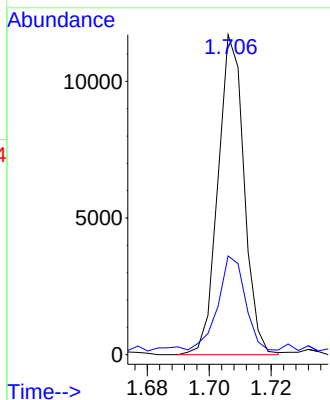
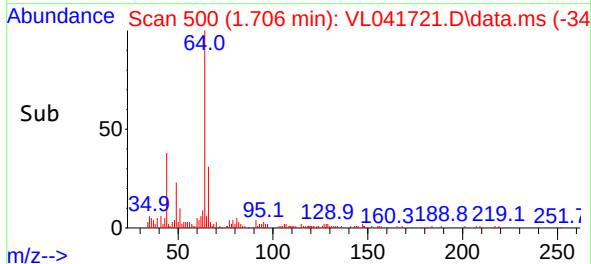
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



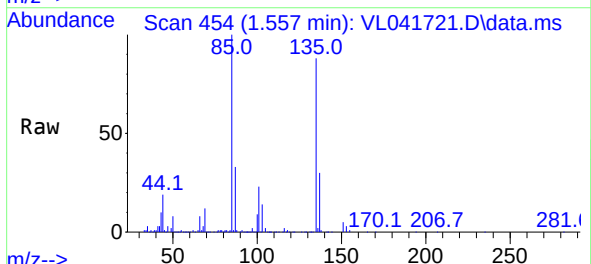
Tgt Ion: 64 Resp: 6852
Ion Ratio Lower Upper
64 100
66 30.9 26.5 39.7

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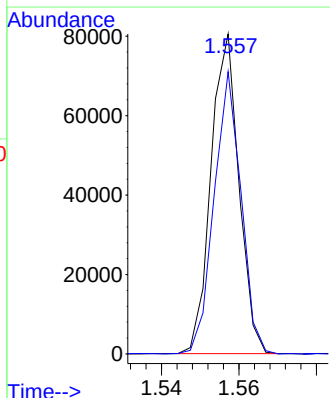
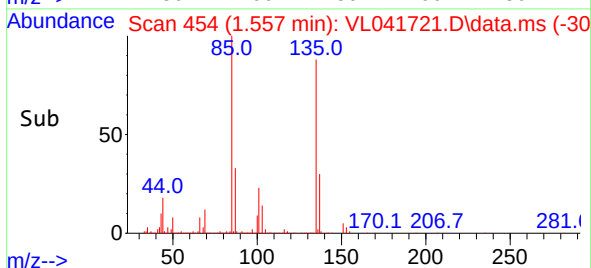
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

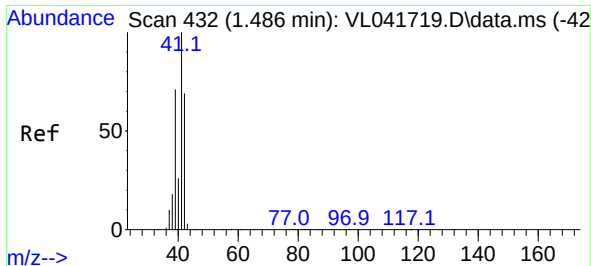


#8
Dichlorotetrafluoroethane
Concen: 0.985 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14



Tgt Ion: 85 Resp: 40247
Ion Ratio Lower Upper
85 100
135 85.6 69.0 103.6





#9

Propene

Concen: 1.052 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041721.D

Acq: 11 Dec 2024 15:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion: 41 Resp: 1743

Ion Ratio Lower Upper

41 100

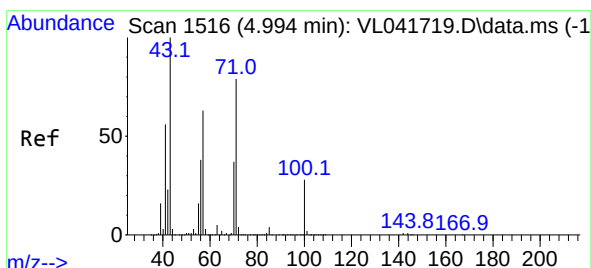
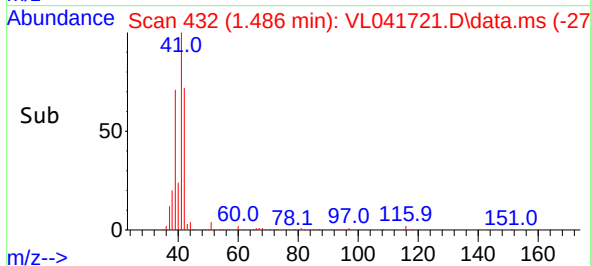
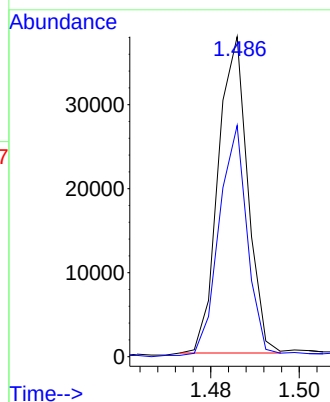
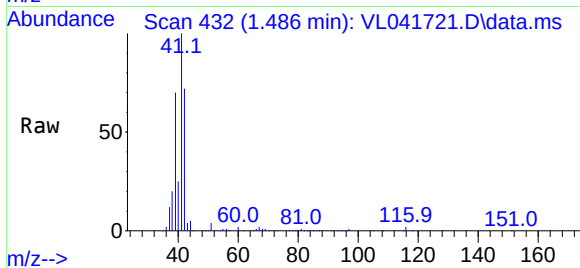
42 72.2 56.2 84.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/13/2024

Supervised By :Semsettin Yesilyurt 12/13/2024



#10

Heptane

Concen: 1.031 ppbv

RT: 4.994 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VL041721.D

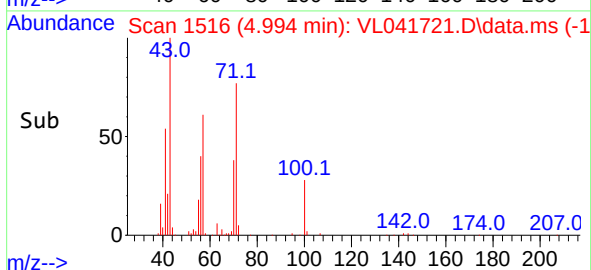
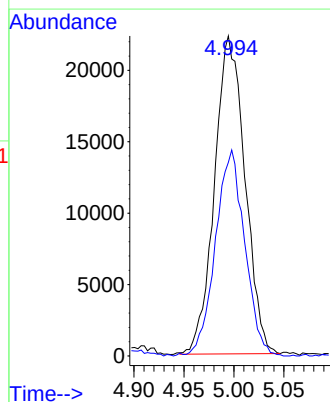
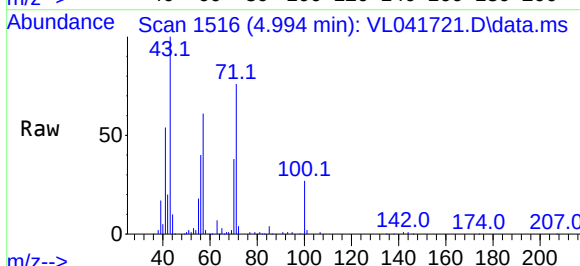
Acq: 11 Dec 2024 15:14

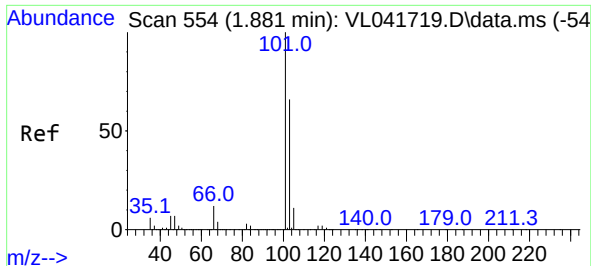
Tgt Ion: 43 Resp: 47259

Ion Ratio Lower Upper

43 100

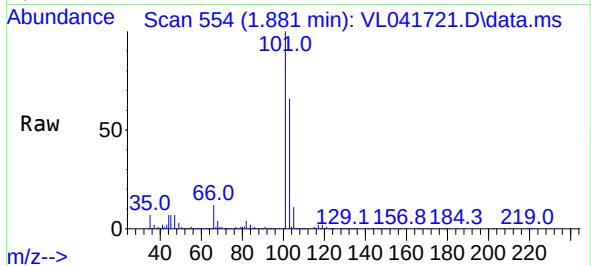
57 62.4 50.5 75.7





#11
Trichlorofluoromethane
Concen: 0.987 ppbv
RT: 1.881 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

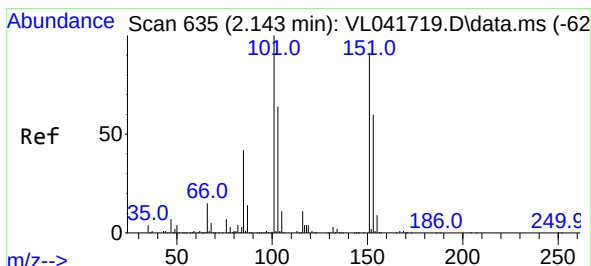
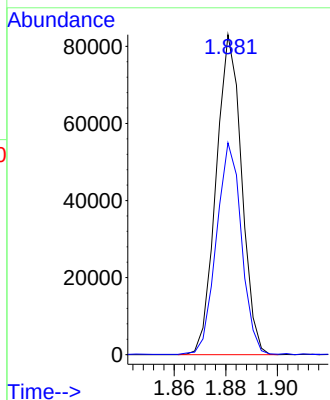
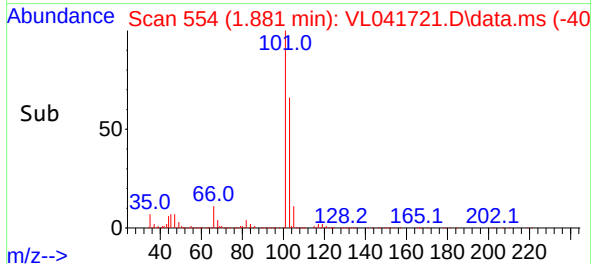
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



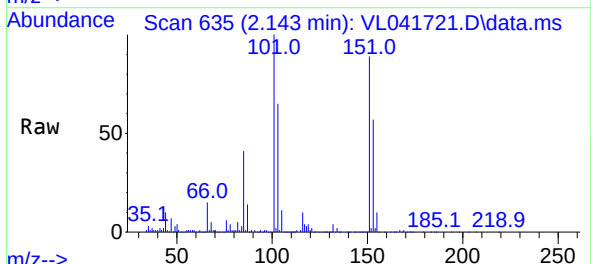
Tgt Ion:101 Resp: 5697
Ion Ratio Lower Upper
101 100
103 66.1 52.7 79.1

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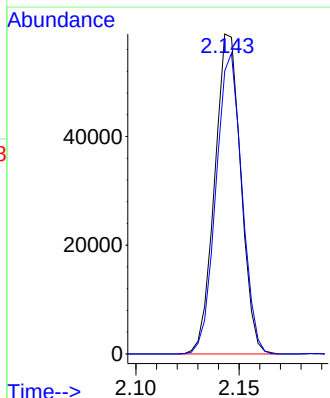
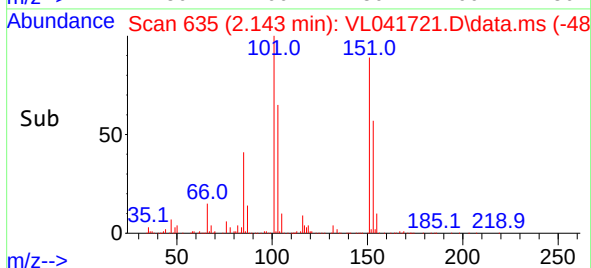
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

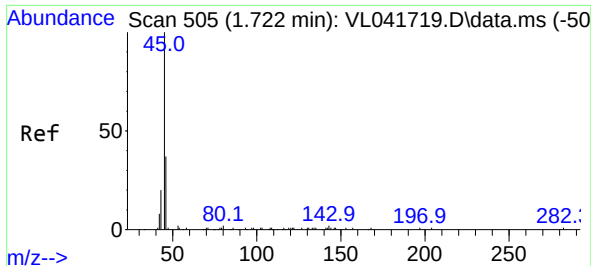


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.997 ppbv
RT: 2.143 min Scan# 635
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14



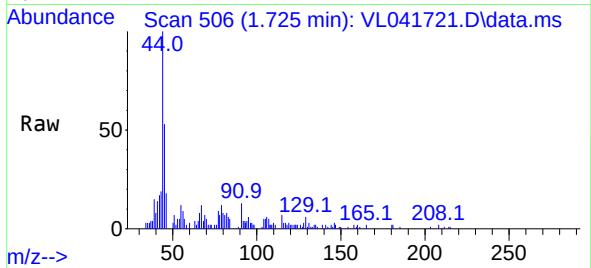
Tgt Ion:101 Resp: 51818
Ion Ratio Lower Upper
101 100
151 93.1 74.4 111.6





#13
Ethanol
Concen: 1.252 ppbv
RT: 1.725 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

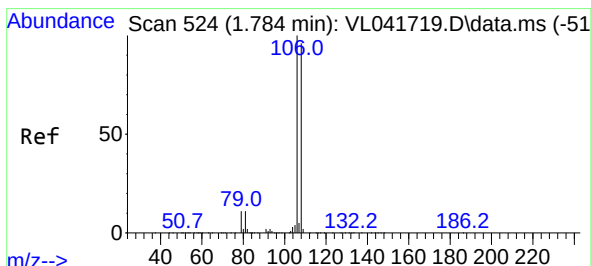
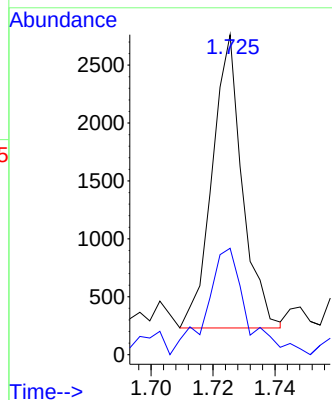
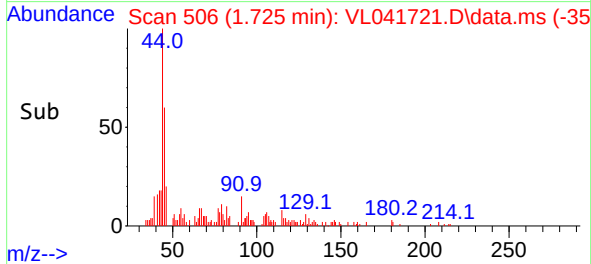
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



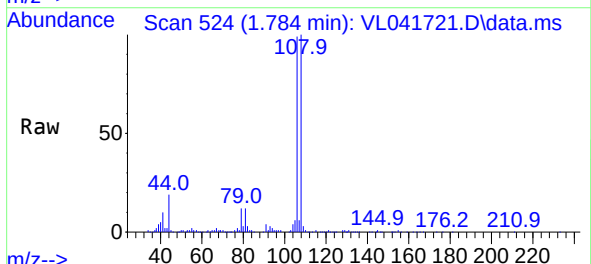
Tgt Ion: 45 Resp: 1710
Ion Ratio Lower Upper
45 100
46 48.2 16.6 66.6

Manual Integrations
APPROVED

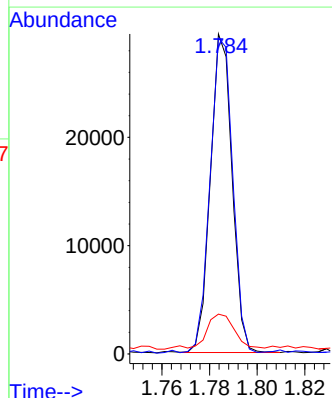
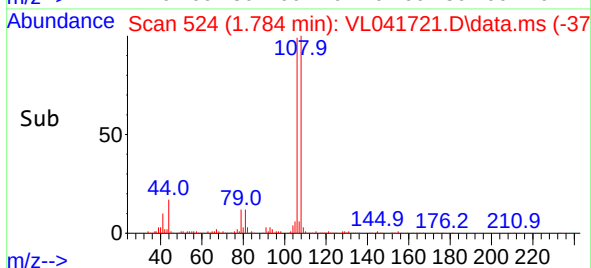
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

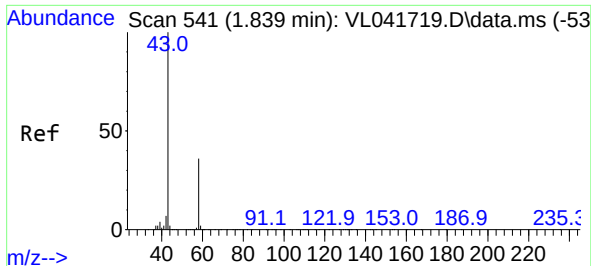


#14
Bromoethene
Concen: 0.976 ppbv
RT: 1.784 min Scan# 524
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14



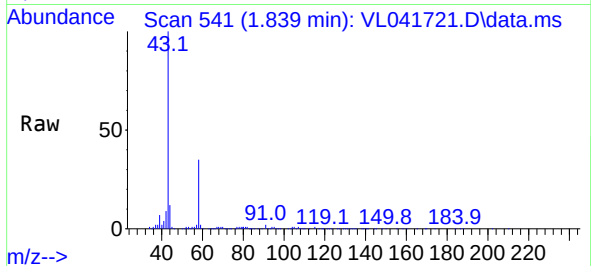
Tgt Ion:108 Resp: 18586
Ion Ratio Lower Upper
108 100
106 105.5 83.5 125.3
79 16.7 9.3 13.9





#15
Acetone
Concen: 1.103 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

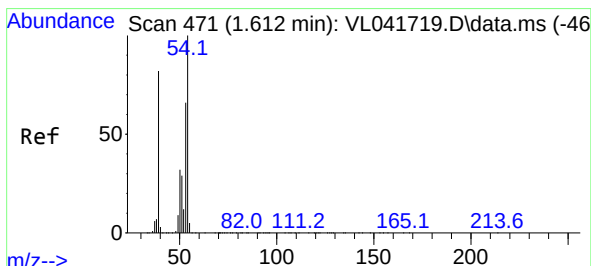
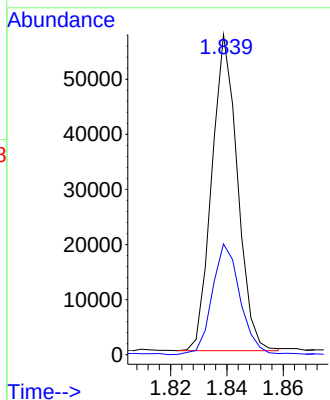
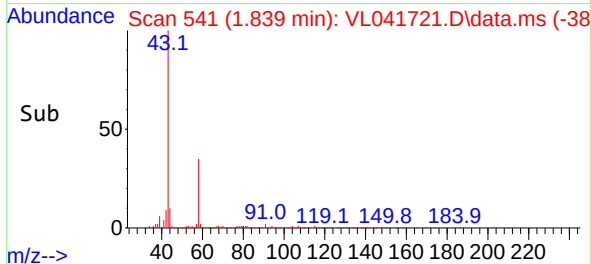
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



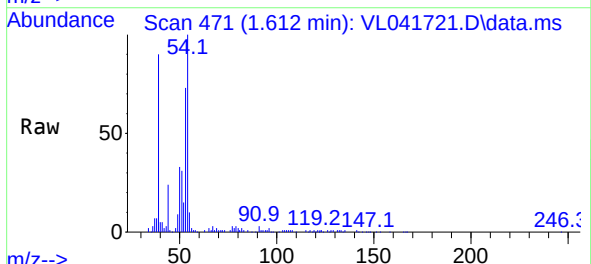
Tgt Ion: 43 Resp: 3636
Ion Ratio Lower Upper
43 100
58 38.1 28.9 43.3

Manual Integrations
APPROVED

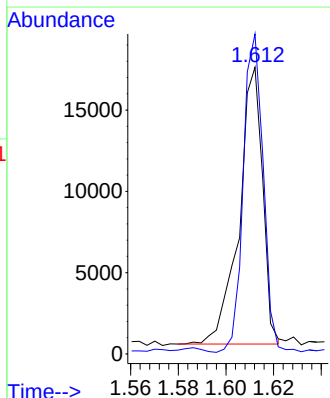
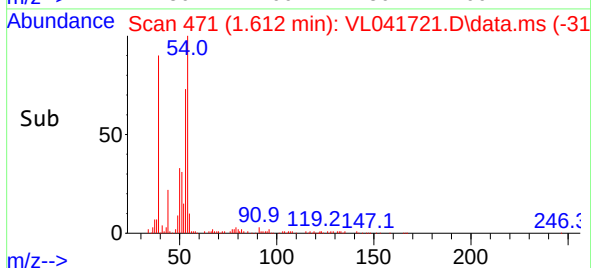
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

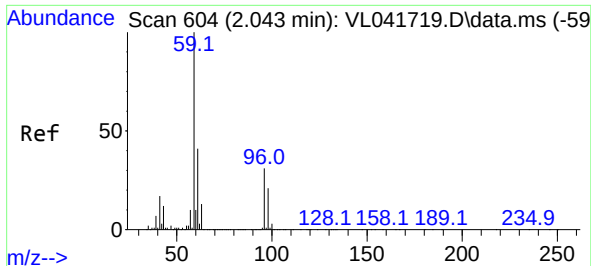


#16
1,3-Butadiene
Concen: 1.054 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14



Tgt Ion: 39 Resp: 11654
Ion Ratio Lower Upper
39 100
54 99.1 85.0 127.6





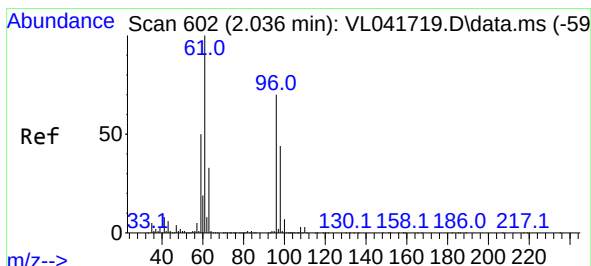
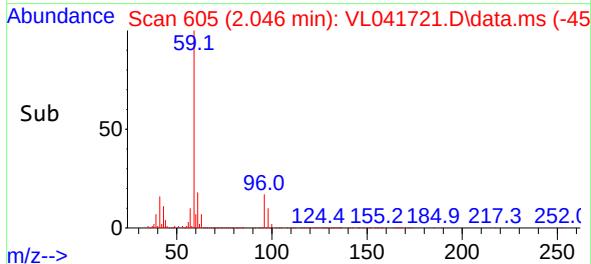
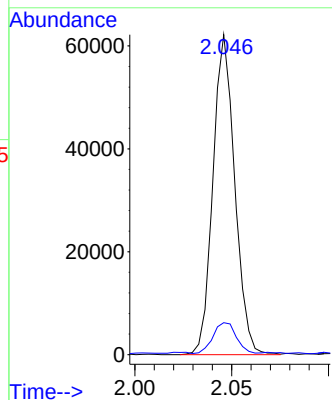
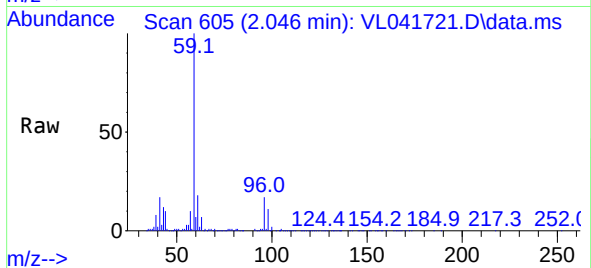
#17
tert-Butyl alcohol
Concen: 1.018 ppbv
RT: 2.046 min Scan# 604
Delta R.T. 0.003 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 59 Resp: 4866
Ion Ratio Lower Upper
59 100
57 11.2 8.2 12.4

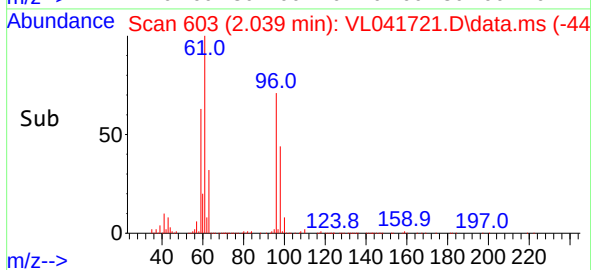
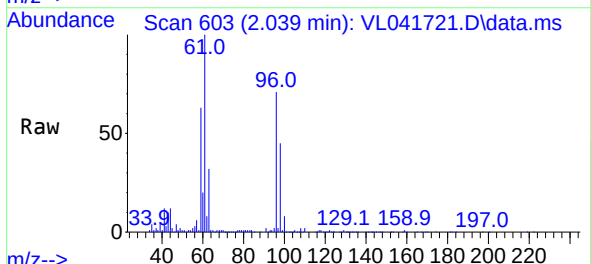
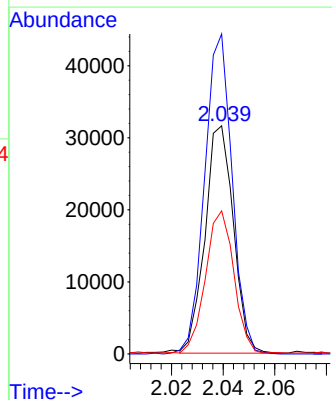
Manual Integrations
APPROVED

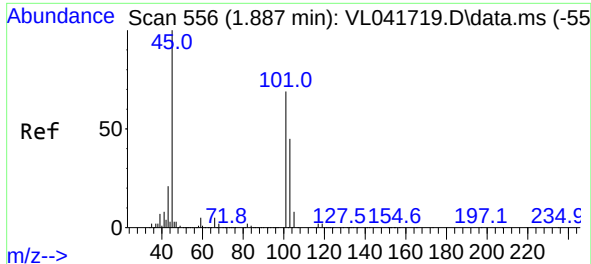
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#18
1,1-Dichloroethene
Concen: 1.003 ppbv
RT: 2.039 min Scan# 603
Delta R.T. 0.003 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

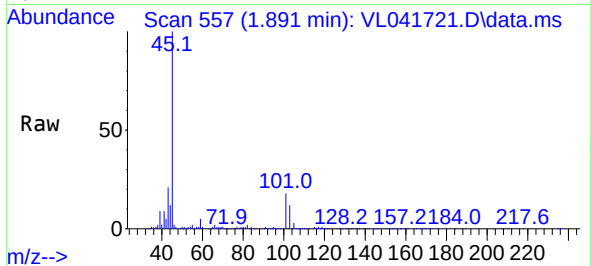
Tgt Ion: 96 Resp: 24104
Ion Ratio Lower Upper
96 100
61 140.8 114.4 171.6
98 62.5 50.6 75.8





#19
Isopropyl Alcohol
Concen: 1.173 ppbv
RT: 1.891 min Scan# 557
Delta R.T. 0.003 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

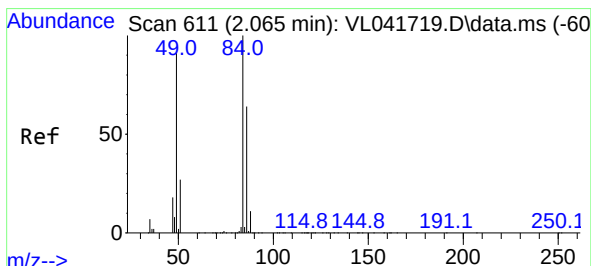
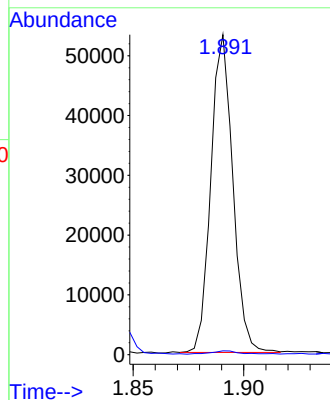
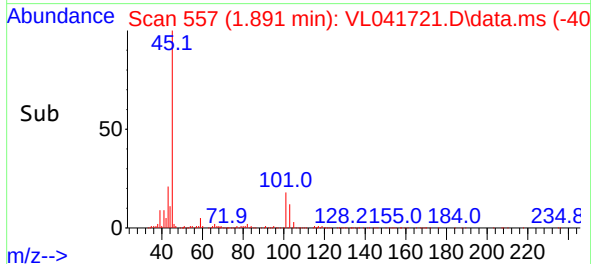
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



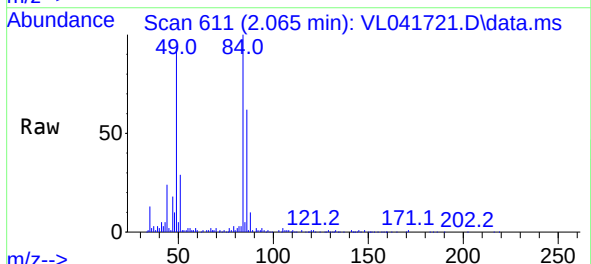
Tgt Ion: 45 Resp: 36740
Ion Ratio Lower Upper
45 100
58 1.7 40.6 61.0

Manual Integrations
APPROVED

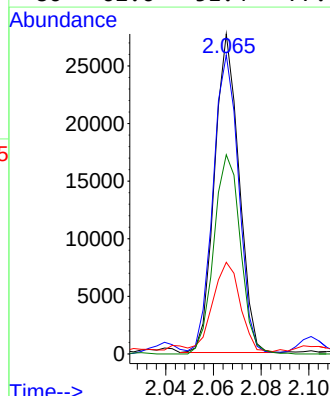
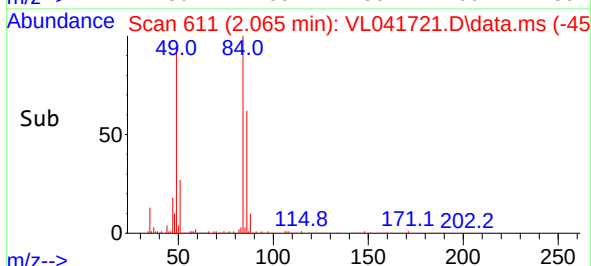
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

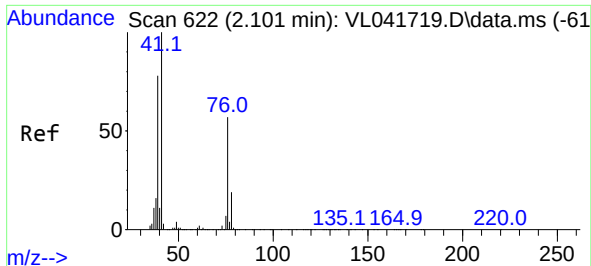


#20
Methylene Chloride
Concen: 0.987 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14



Tgt Ion: 84 Resp: 19720
Ion Ratio Lower Upper
84 100
49 93.3 73.6 110.4
51 27.4 22.7 34.1
86 62.6 51.4 77.0





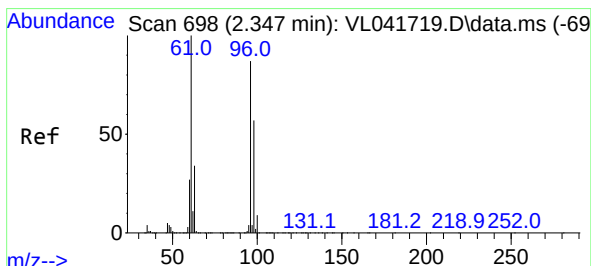
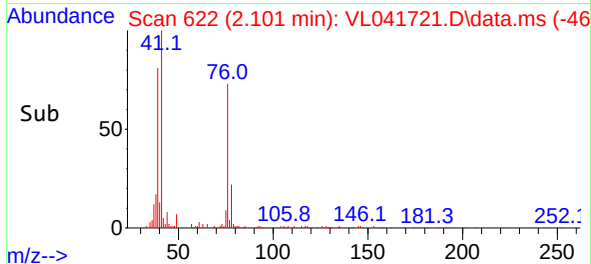
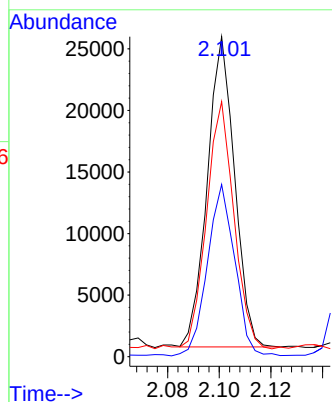
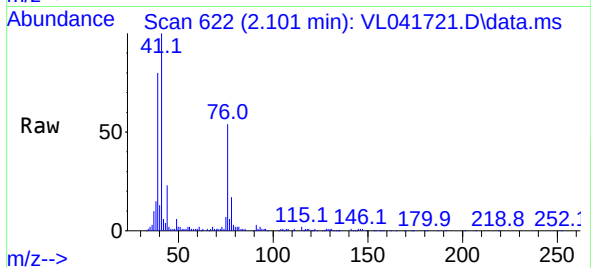
#21
Allyl Chloride
Concen: 0.997 ppbv
RT: 2.101 min Scan# 611
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 41 Resp: 1850
Ion Ratio Lower Upper
41 100
76 55.1 44.2 66.2
39 81.7 62.8 94.2

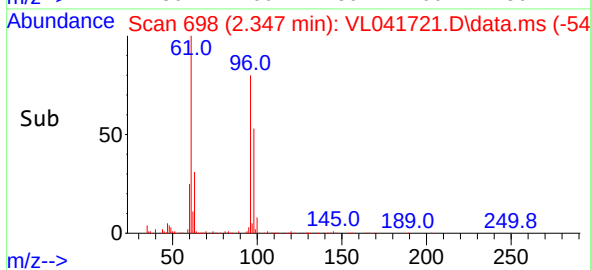
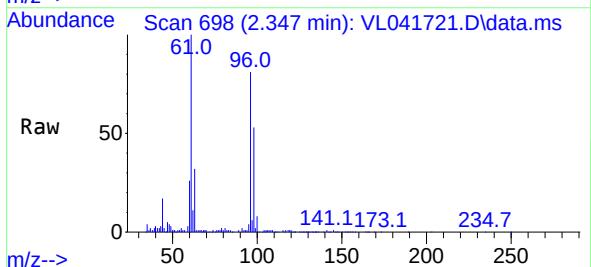
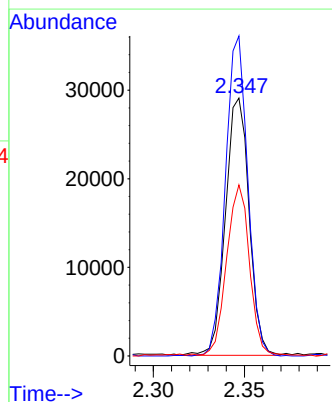
Manual Integrations
APPROVED

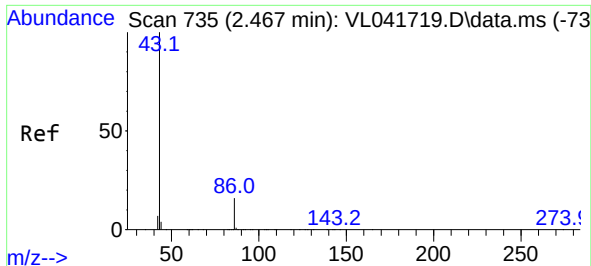
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#22
trans-1,2-Dichloroethene
Concen: 0.953 ppbv
RT: 2.347 min Scan# 698
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

Tgt Ion: 96 Resp: 26219
Ion Ratio Lower Upper
96 100
61 124.4 91.8 137.6
98 65.8 52.7 79.1





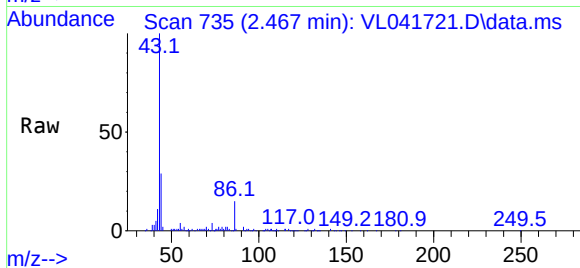
#23
 Vinyl Acetate
 Concen: 1.069 ppbv
 RT: 2.467 min Scan# 719
 Delta R.T. 0.000 min
 Lab File: VL041721.D
 Acq: 11 Dec 2024 15:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001



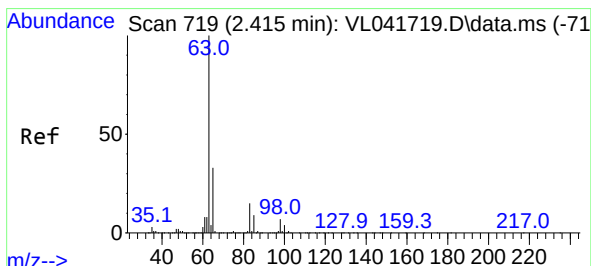
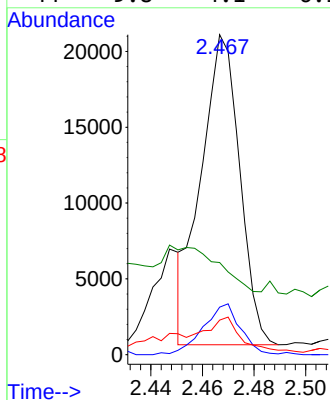
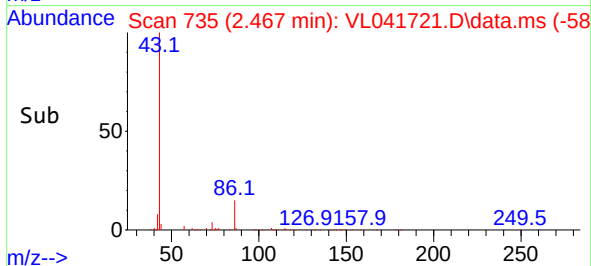
Tgt Ion: 43 Resp: 21334

Ion	Ratio	Lower	Upper
43	100		
86	15.0	11.5	17.3
42	9.7	6.6	10.0
44	9.8	4.1	6.1

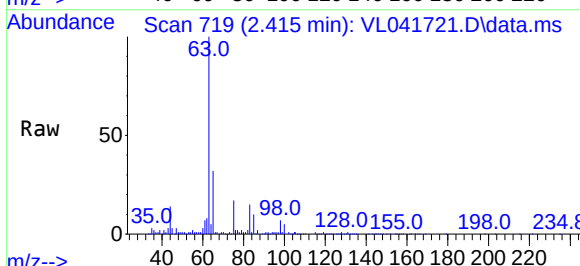
Manual Integrations

APPROVED

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

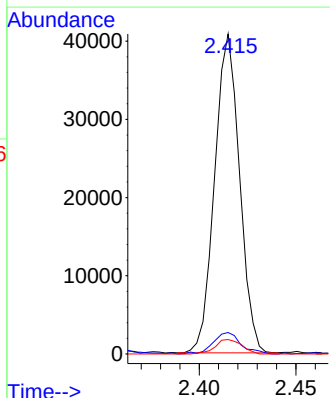
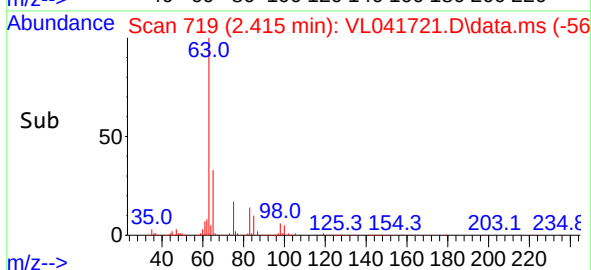


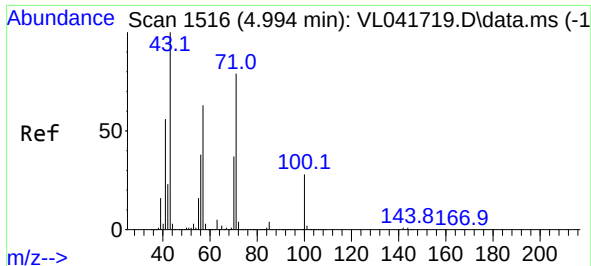
#24
 1,1-Dichloroethane
 Concen: 0.980 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. 0.000 min
 Lab File: VL041721.D
 Acq: 11 Dec 2024 15:14



Tgt Ion: 63 Resp: 36403

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.6	10.8
100	4.5	2.3	6.8





#25
Ethyl Acetate
Concen: 1.031 ppbv
RT: 4.994 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

Instrument :

MSVOA_L

ClientSampleId :

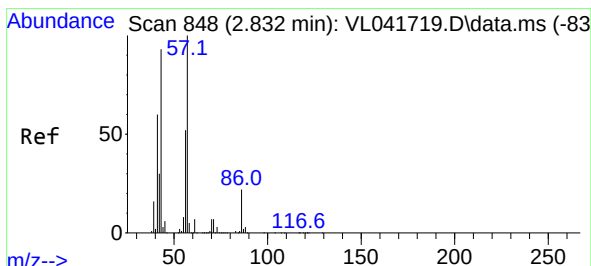
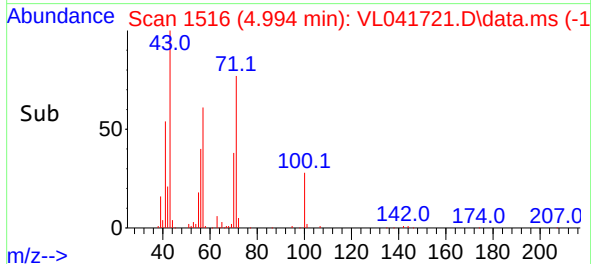
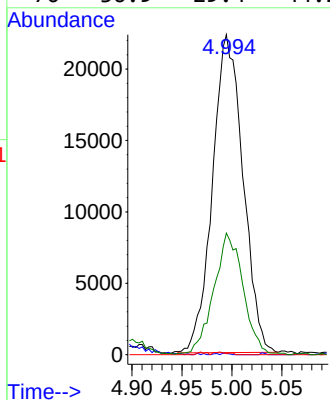
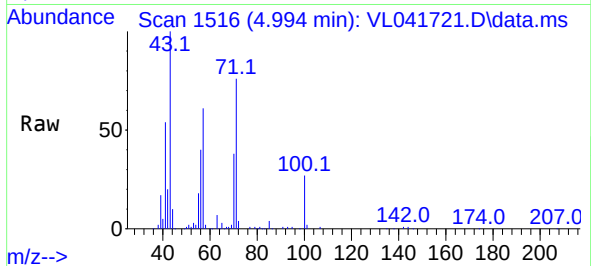
VSTDICC001

Tgt Ion: 43 Resp: 47259
Ion Ratio Lower Upper
43 100
45 0.2 0.0 0.0
61 0.4 0.4 0.6
70 36.9 29.4 44.2

Manual Integrations

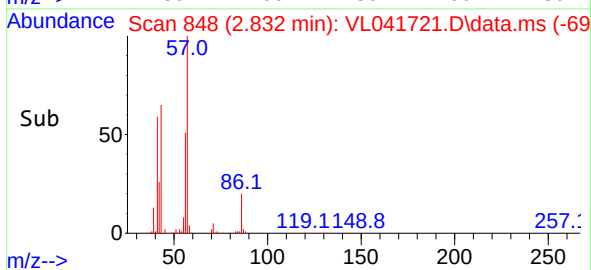
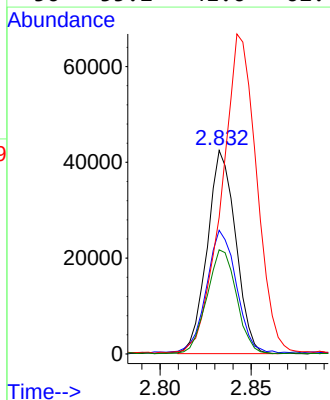
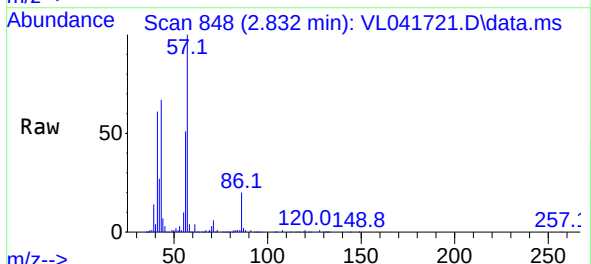
APPROVED

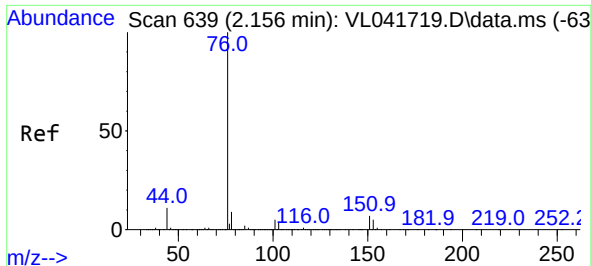
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#26
Hexane
Concen: 1.034 ppbv
RT: 2.832 min Scan# 848
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

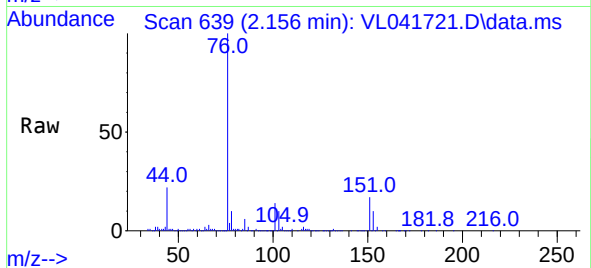
Tgt Ion: 57 Resp: 45964
Ion Ratio Lower Upper
57 100
41 64.6 49.5 74.3
43 194.5 150.6 225.8
56 55.2 41.6 62.4





#27
Carbon Disulfide
Concen: 0.928 ppbv
RT: 2.156 min Scan# 639
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

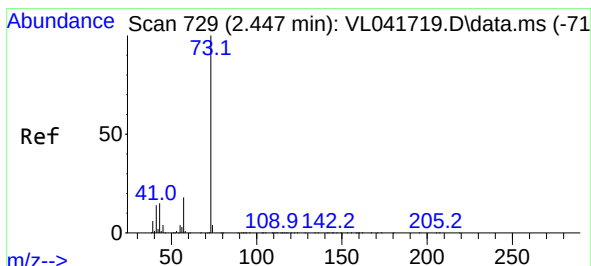
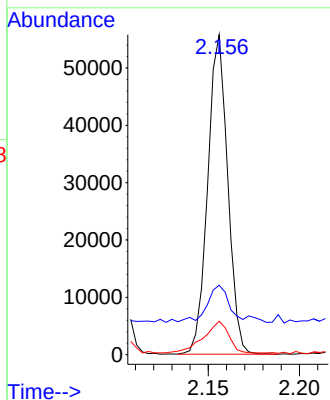
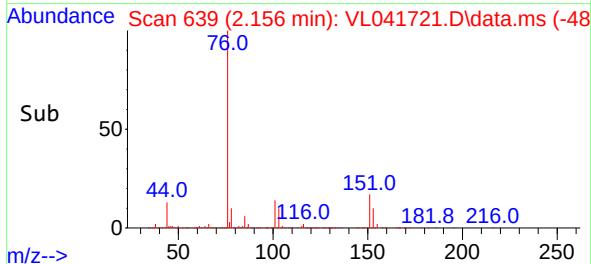
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



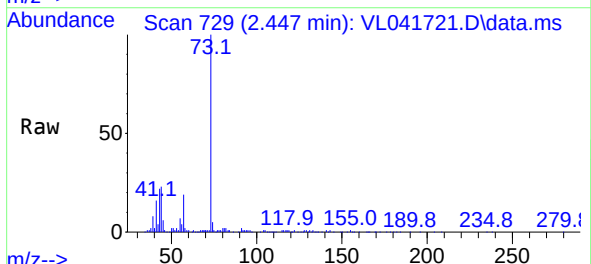
Tgt Ion: 76 Resp: 4248
Ion Ratio Lower Upper
76 100
44 13.4 9.4 14.0
78 12.9 9.4 14.0

Manual Integrations
APPROVED

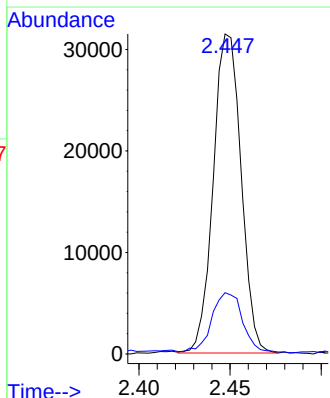
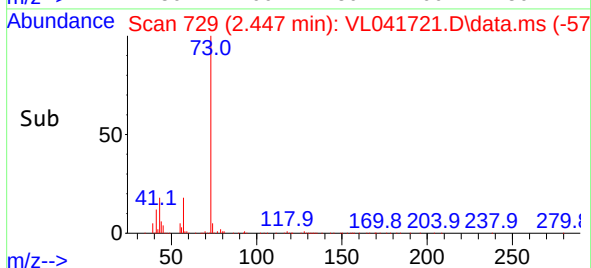
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

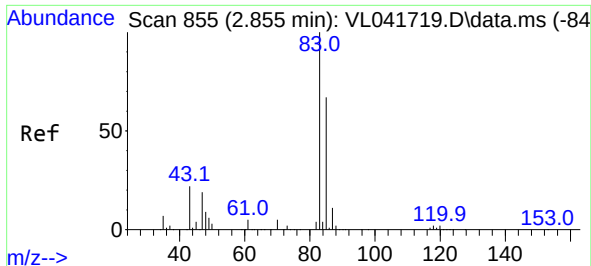


#28
Methyl tert-Butyl Ether
Concen: 1.001 ppbv
RT: 2.447 min Scan# 729
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14



Tgt Ion: 73 Resp: 33377
Ion Ratio Lower Upper
73 100
57 21.1 15.3 22.9





#29

Chloroform

Concen: 1.036 ppbv

RT: 2.855 min Scan# 855

Delta R.T. 0.000 min

Lab File: VL041721.D

Acq: 11 Dec 2024 15:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 83 Resp: 7051

Ion Ratio Lower Upper

83 100

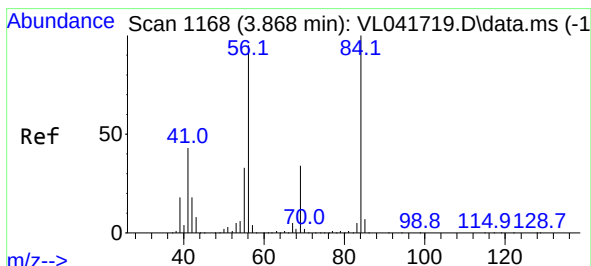
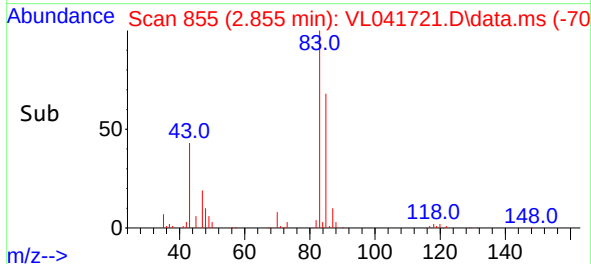
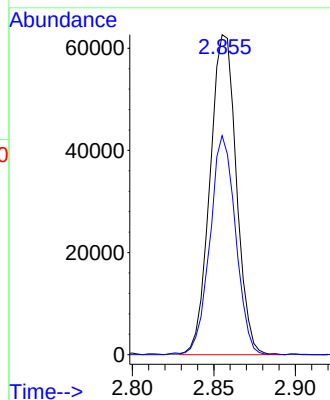
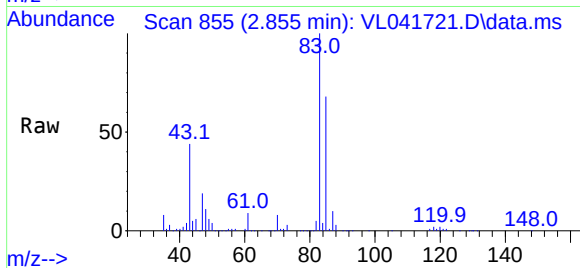
85 68.4 53.6 80.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/13/2024

Supervised By :Semsettin Yesilyurt 12/13/2024



#30

Cyclohexane

Concen: 1.015 ppbv

RT: 3.868 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VL041721.D

Acq: 11 Dec 2024 15:14

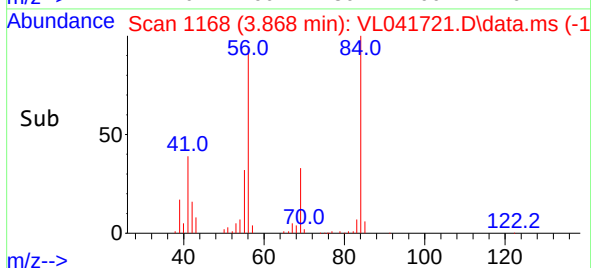
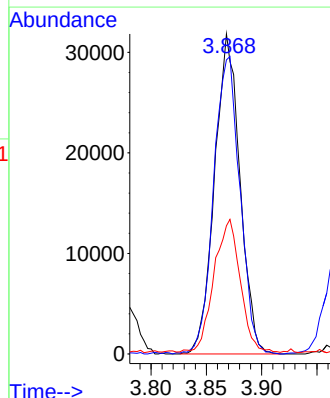
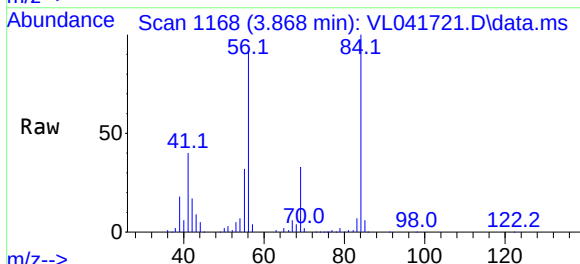
Tgt Ion: 84 Resp: 50673

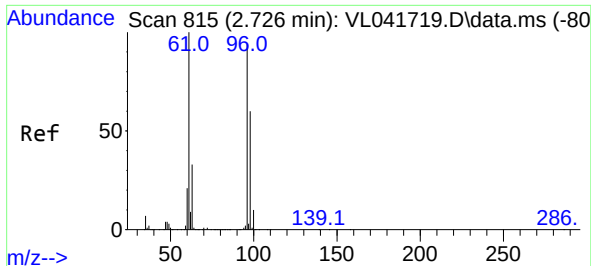
Ion Ratio Lower Upper

84 100

56 97.0 76.0 114.0

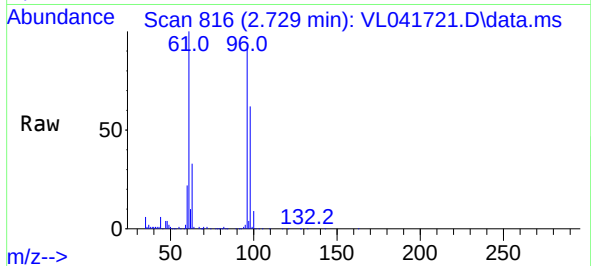
41 44.5 34.2 51.4





#31
cis-1,2-Dichloroethene
Concen: 1.028 ppbv
RT: 2.729 min Scan# 815
Delta R.T. 0.003 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

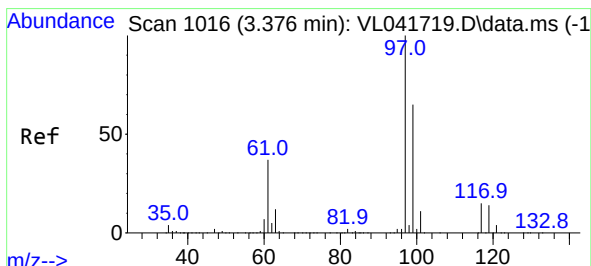
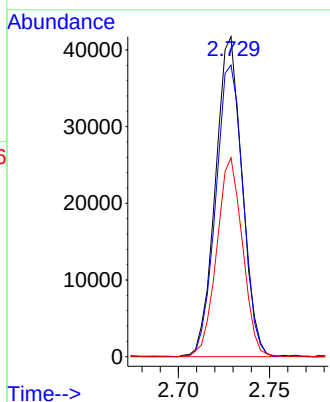
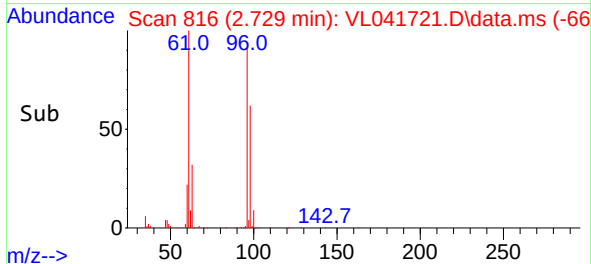
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 61 Resp: 42330
Ion Ratio Lower Upper
61 100
96 91.1 75.4 113.2
98 62.2 48.3 72.5

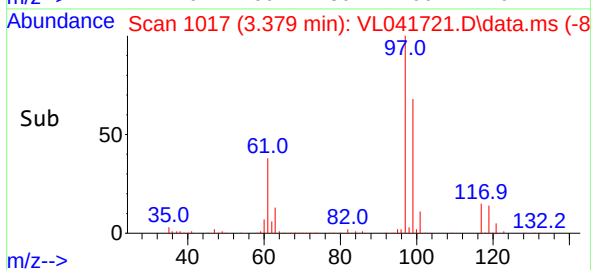
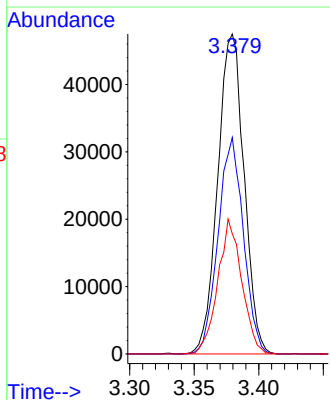
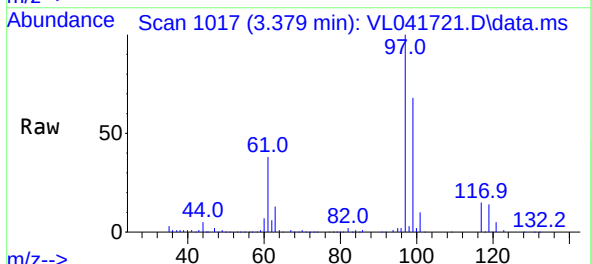
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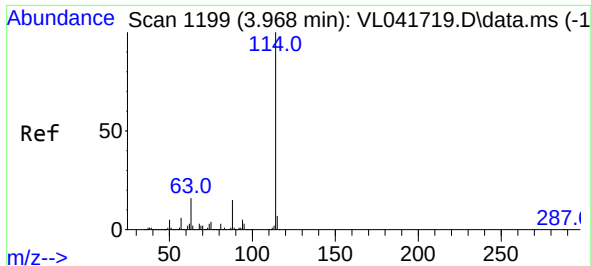
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#32
1,1,1-Trichloroethane
Concen: 1.007 ppbv
RT: 3.379 min Scan# 1017
Delta R.T. 0.003 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

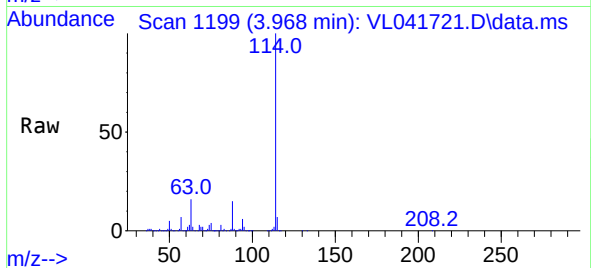
Tgt Ion: 97 Resp: 67396
Ion Ratio Lower Upper
97 100
99 65.0 52.2 78.2
61 38.4 29.8 44.8





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.968 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

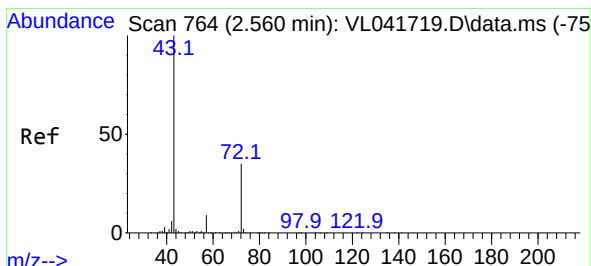
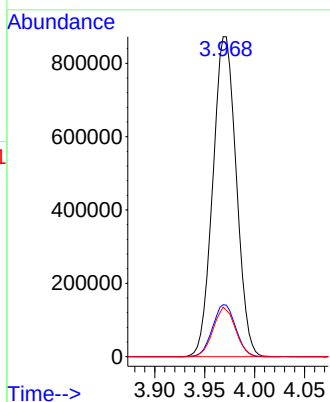
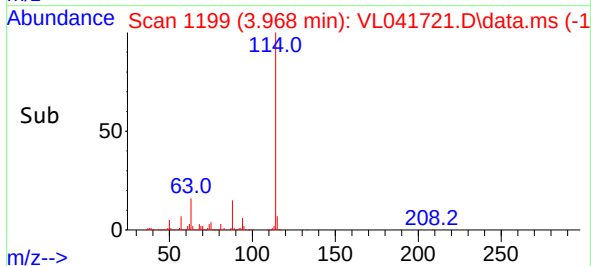
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion:114 Resp: 142439
Ion Ratio Lower Upper
114 100
63 16.1 12.9 19.3
88 14.7 11.8 17.6

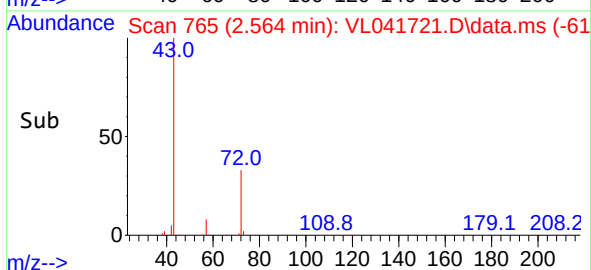
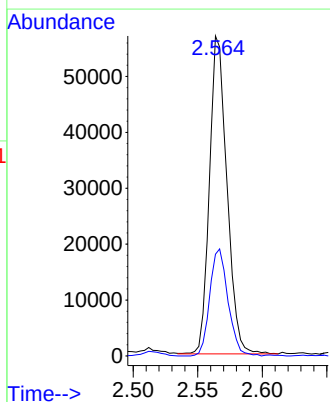
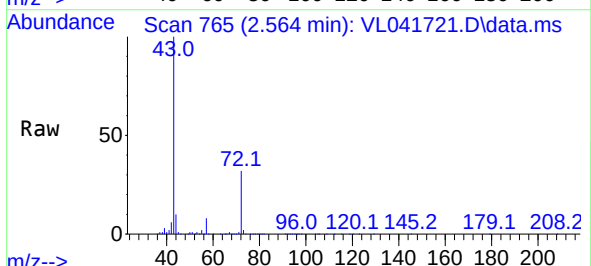
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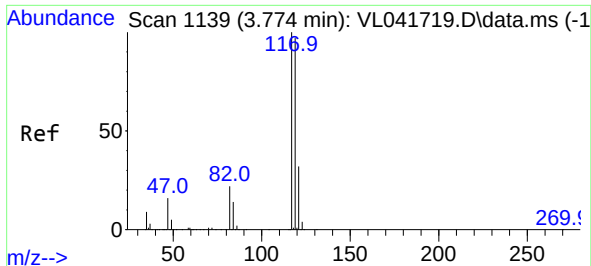
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#34
2-Butanone
Concen: 1.071 ppbv
RT: 2.564 min Scan# 765
Delta R.T. 0.003 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

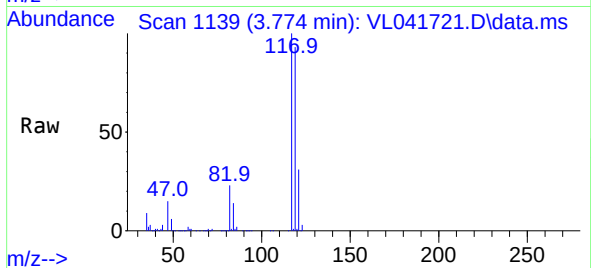
Tgt Ion: 43 Resp: 53437
Ion Ratio Lower Upper
43 100
72 35.5 28.3 42.5





#35
Carbon Tetrachloride
Concen: 1.021 ppbv
RT: 3.774 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

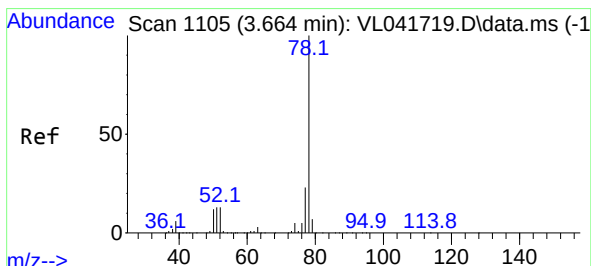
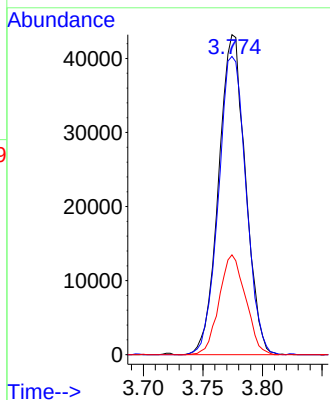
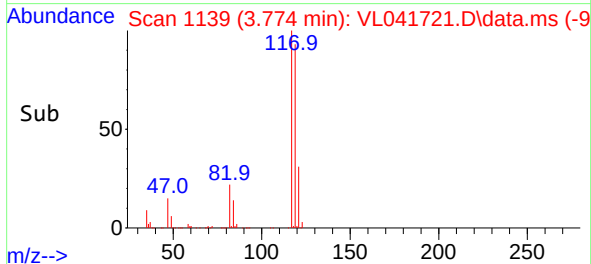
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



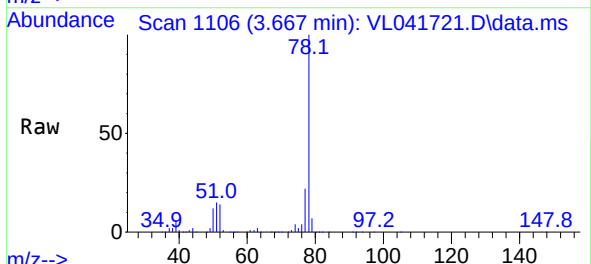
Tgt Ion: 117 Resp: 6771
Ion Ratio Lower Upper
117 100
119 93.2 77.7 116.5
121 31.2 25.5 38.3

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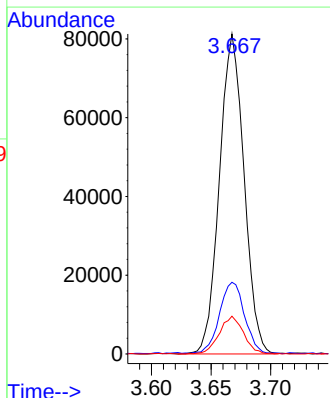
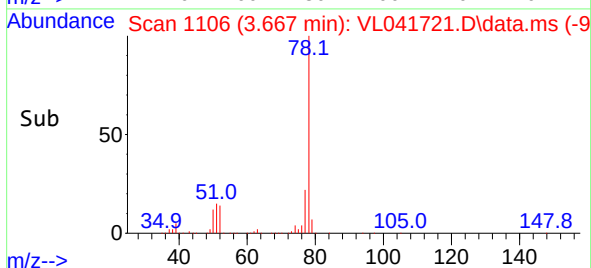
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

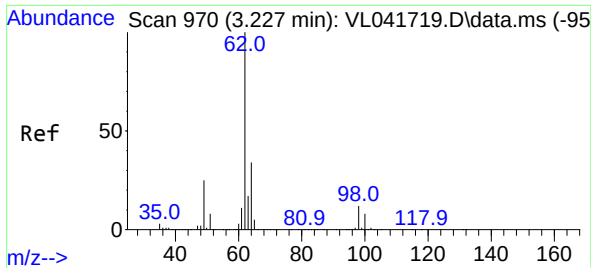


#36
Benzene
Concen: 1.041 ppbv
RT: 3.667 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14



Tgt Ion: 78 Resp: 116586
Ion Ratio Lower Upper
78 100
77 22.0 18.6 27.8
50 11.7 9.5 14.3





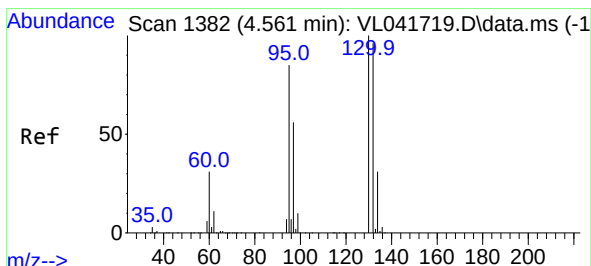
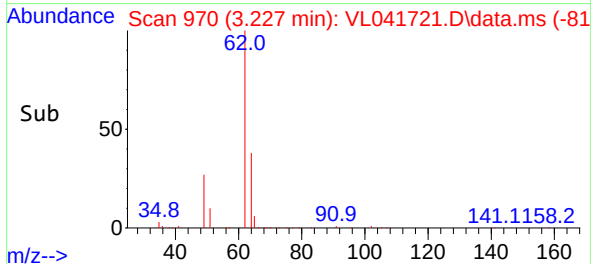
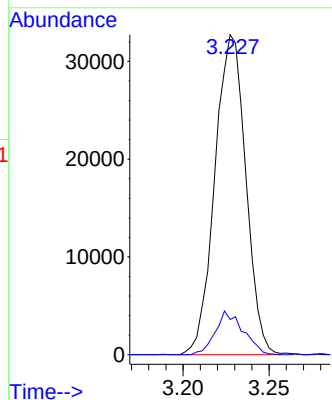
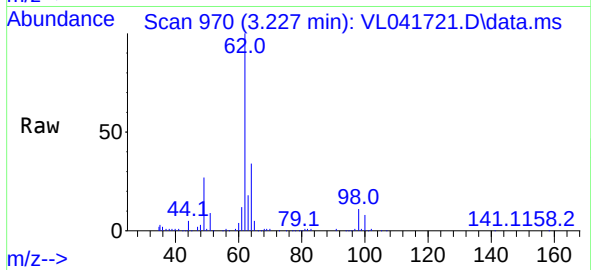
#37
1,2-Dichloroethane
Concen: 1.013 ppbv
RT: 3.227 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 62 Resp: 40990
Ion Ratio Lower Upper
62 100
98 12.2 9.4 14.2

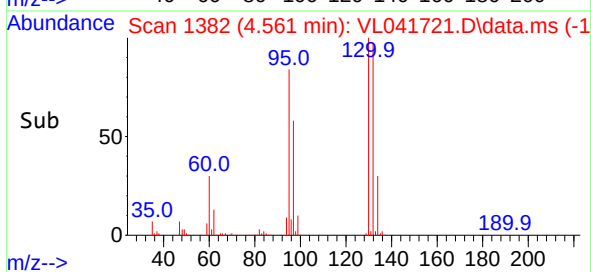
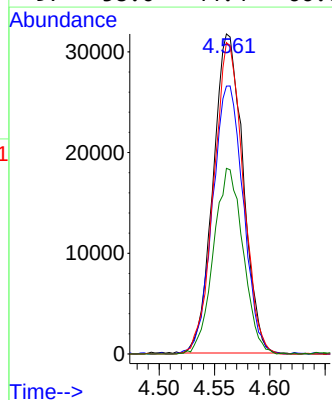
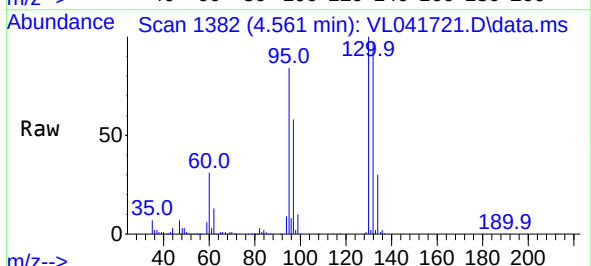
Manual Integrations
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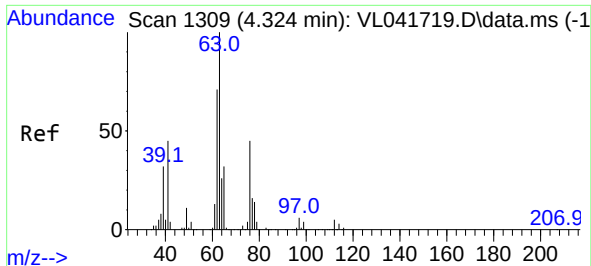
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#38
Trichloroethene
Concen: 1.022 ppbv
RT: 4.561 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

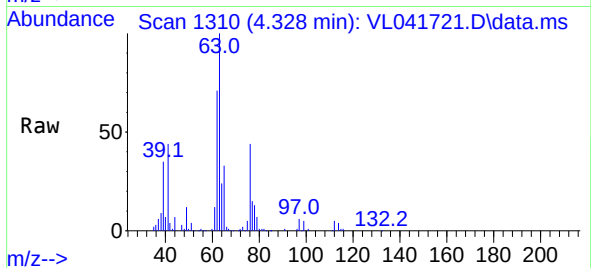
Tgt Ion:130 Resp: 59358
Ion Ratio Lower Upper
130 100
95 83.8 68.0 102.0
132 97.6 76.5 114.7
97 58.0 44.4 66.6





#39
1,2-Dichloropropane
Concen: 1.022 ppbv
RT: 4.328 min Scan# 1309
Delta R.T. 0.003 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

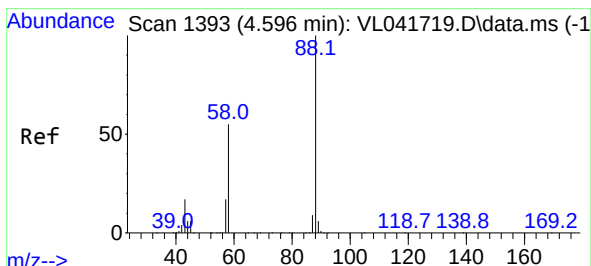
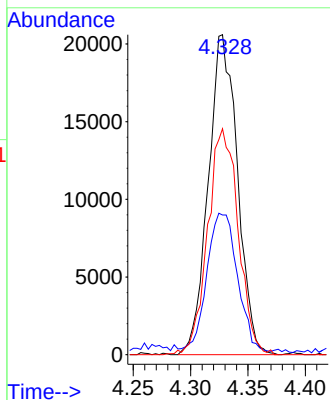
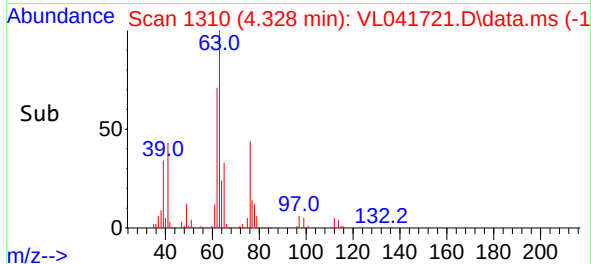
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 63 Resp: 36470
Ion Ratio Lower Upper
63 100
41 42.0 36.4 54.6
62 70.6 56.6 85.0

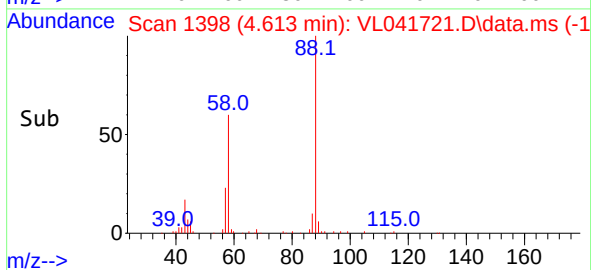
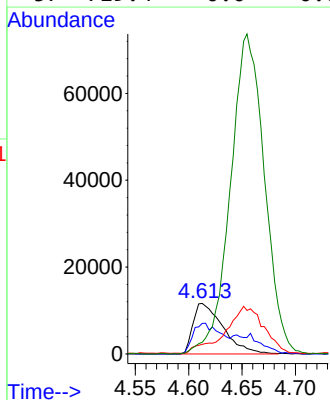
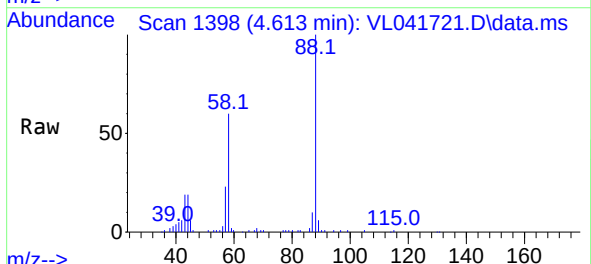
Manual Integrations
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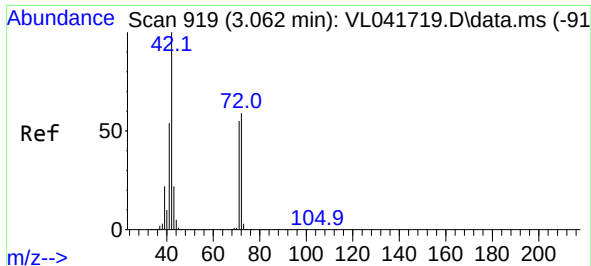
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#40
1,4-Dioxane
Concen: 1.057 ppbv
RT: 4.613 min Scan# 1398
Delta R.T. 0.016 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

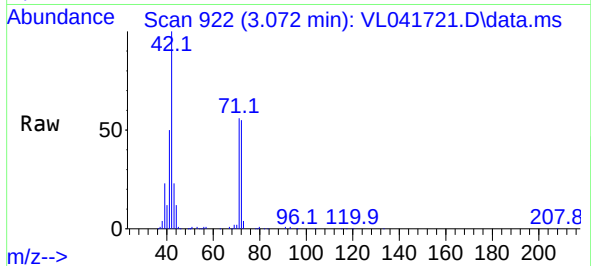
Tgt Ion: 88 Resp: 22757
Ion Ratio Lower Upper
88 100
58 91.6 45.7 68.5#
43 120.3 0.0 0.0#
57 719.4 0.0 0.0#





#41
Tetrahydrofuran
Concen: 1.003 ppbv
RT: 3.072 min Scan# 919
Delta R.T. 0.010 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

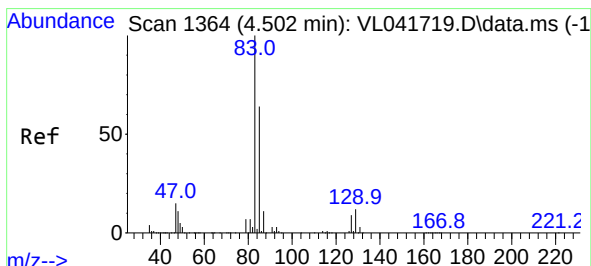
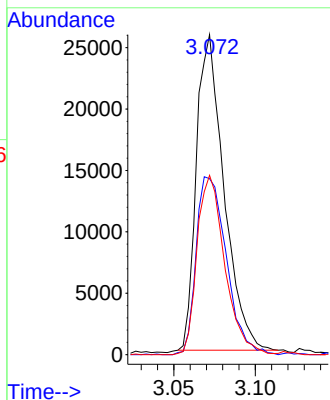
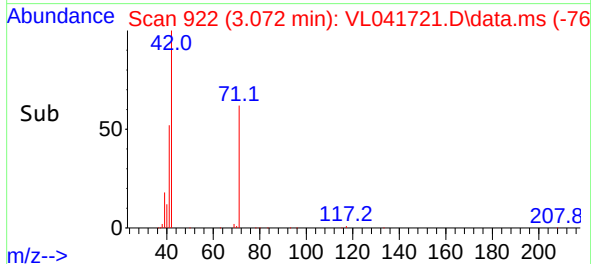
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



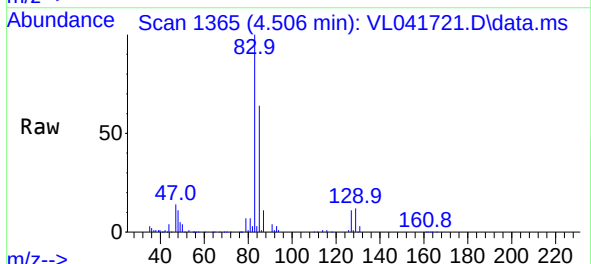
Tgt Ion: 42 Resp: 30134
Ion Ratio Lower Upper
42 100
72 62.1 47.4 71.0
71 57.7 44.4 66.6

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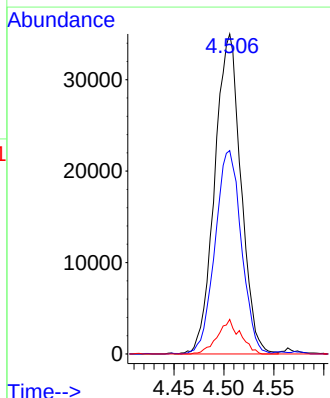
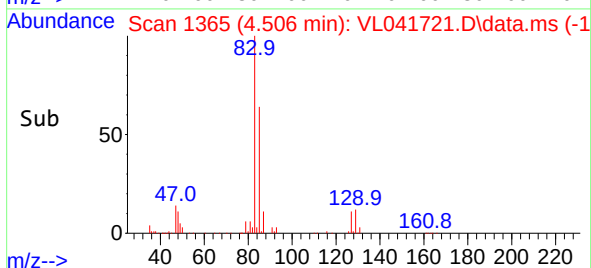
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

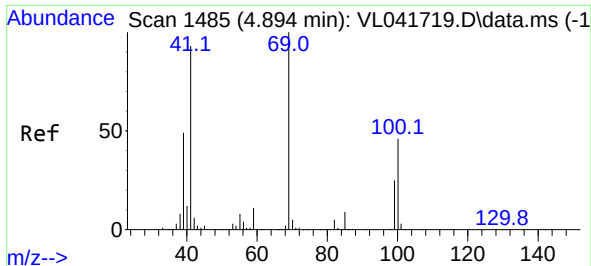


#42
Bromodichloromethane
Concen: 0.978 ppbv
RT: 4.506 min Scan# 1365
Delta R.T. 0.003 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14



Tgt Ion: 83 Resp: 63873
Ion Ratio Lower Upper
83 100
85 63.4 51.0 76.6
127 10.8 7.6 11.4





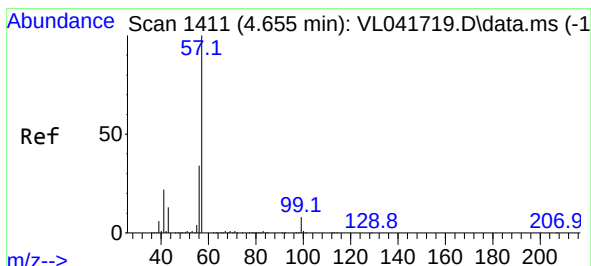
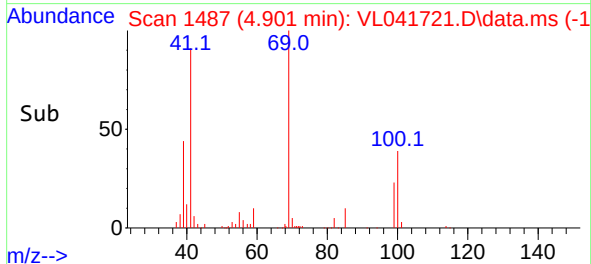
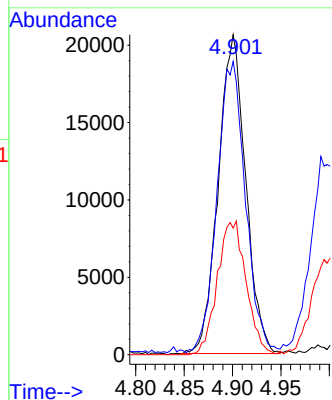
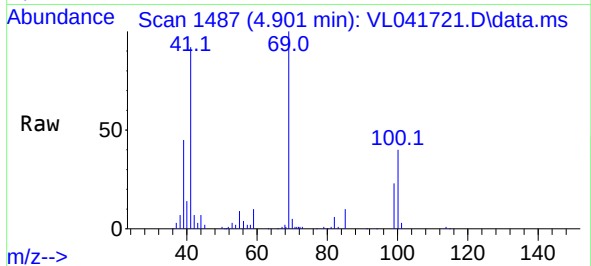
#43
Methyl Methacrylate
Concen: 1.005 ppbv
RT: 4.901 min Scan# 1487
Delta R.T. 0.007 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 69 Resp: 4055
Ion Ratio Lower Upper
69 100
41 94.5 74.6 112.0
100 43.9 35.5 53.3

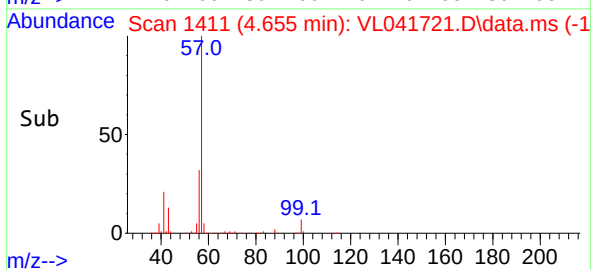
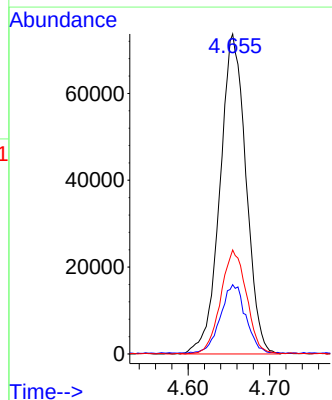
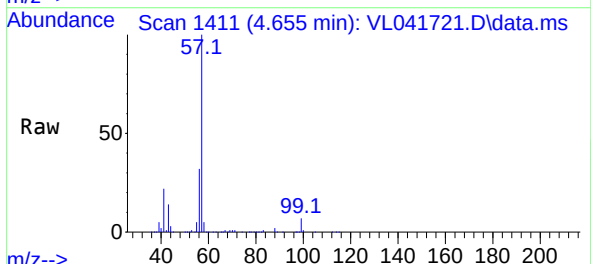
Manual Integrations
APPROVED

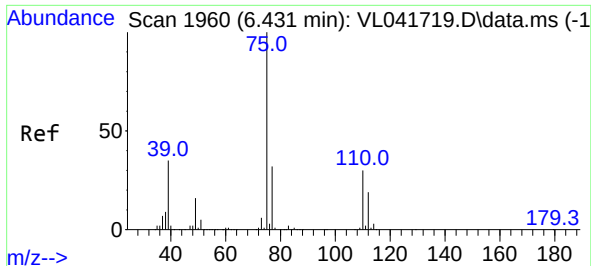
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#44
2,2,4-Trimethylpentane
Concen: 1.049 ppbv
RT: 4.655 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

Tgt Ion: 57 Resp: 163463
Ion Ratio Lower Upper
57 100
41 20.9 17.2 25.8
56 32.2 26.6 40.0





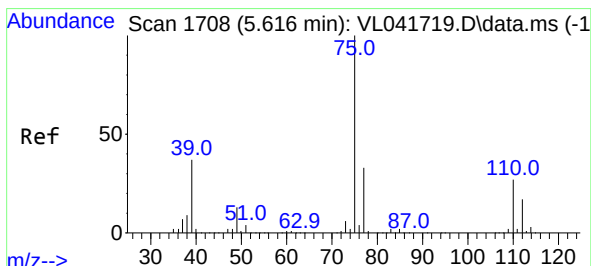
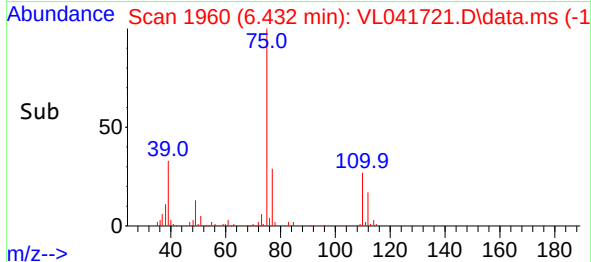
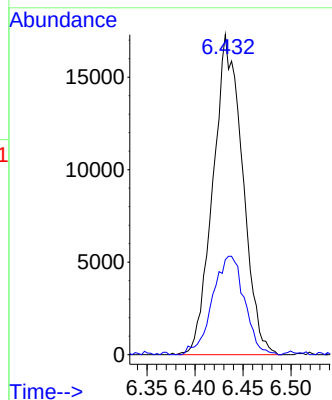
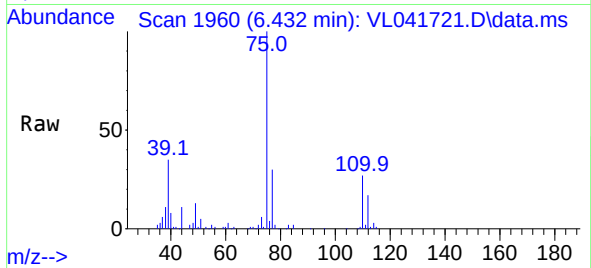
#45
t-1,3-Dichloropropene
Concen: 0.934 ppbv m
RT: 6.432 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 3688
Ion Ratio Lower Upper
75 100
77 29.7 25.8 38.6

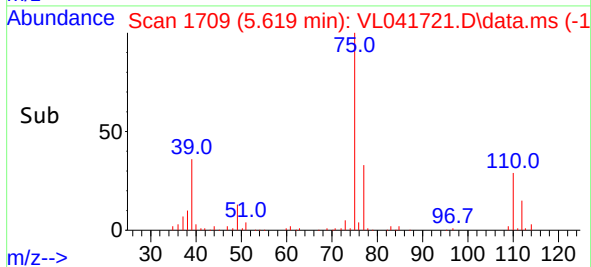
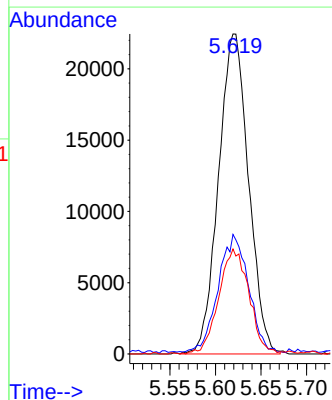
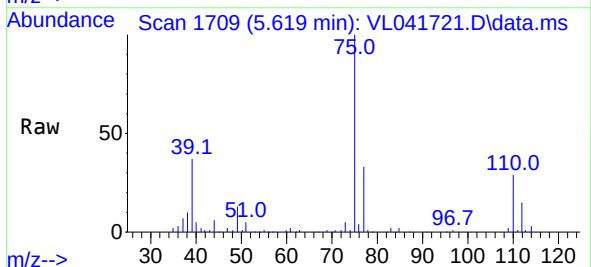
Manual Integrations
APPROVED

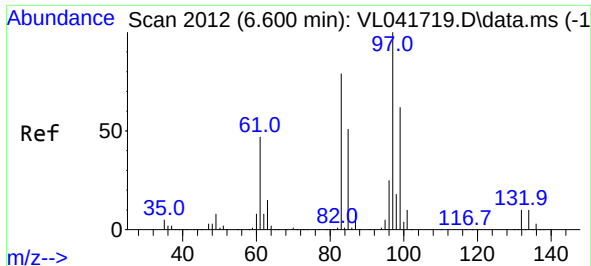
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#46
cis-1,3-Dichloropropene
Concen: 0.984 ppbv
RT: 5.619 min Scan# 1709
Delta R.T. 0.003 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

Tgt Ion: 75 Resp: 51435
Ion Ratio Lower Upper
75 100
39 36.6 29.8 44.6
77 32.8 26.2 39.2





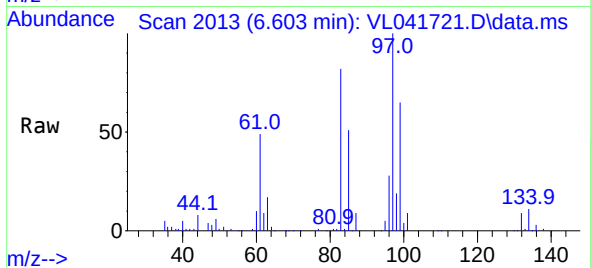
#47
1,1,2-Trichloroethane
Concen: 1.006 ppbv
RT: 6.603 min Scan# 2012
Delta R.T. 0.003 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

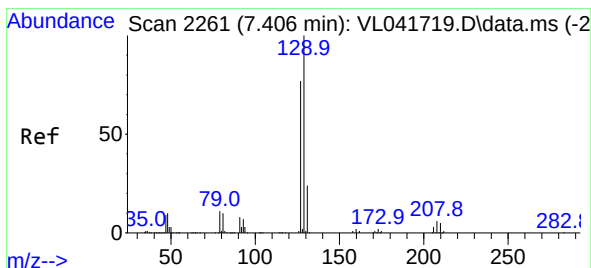
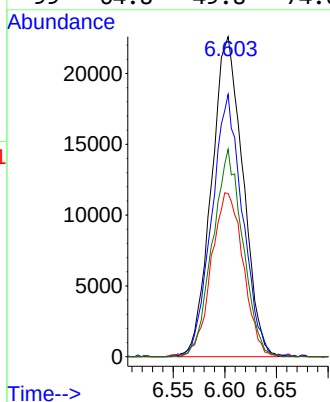
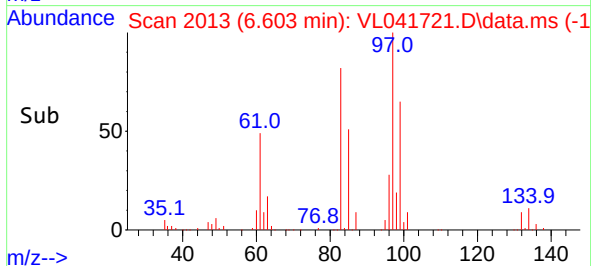


Tgt Ion: 97 Resp: 47804
Ion Ratio Lower Upper
97 100
83 81.5 63.0 94.4
85 50.5 41.0 61.6
99 64.8 49.8 74.6

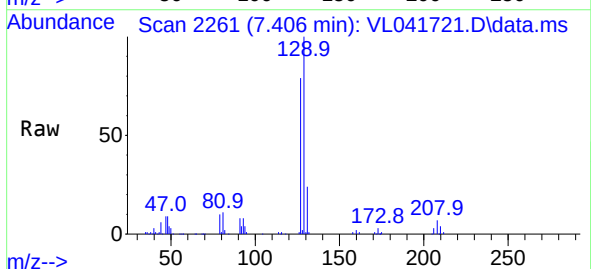
Manual Integrations

APPROVED

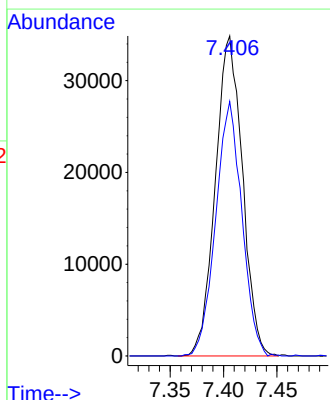
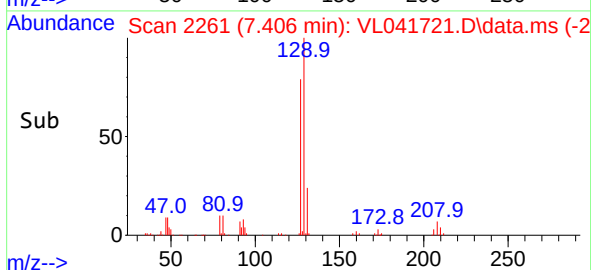
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

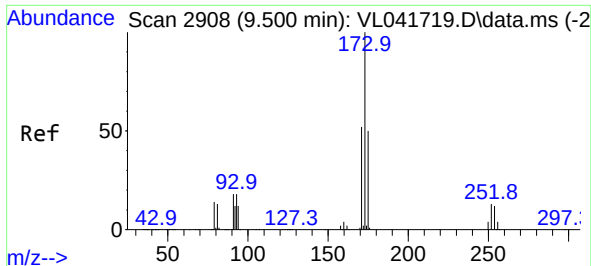


#48
Dibromochloromethane
Concen: 0.898 ppbv
RT: 7.406 min Scan# 2261
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14



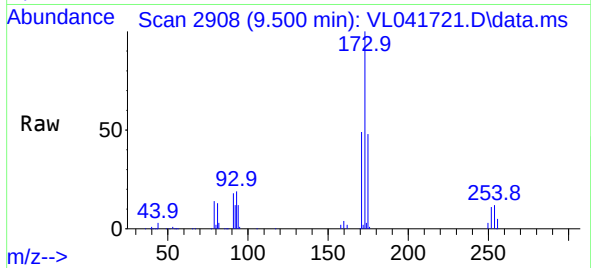
Tgt Ion:129 Resp: 61462
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.7





#49
Bromoform
Concen: 0.862 ppbv
RT: 9.500 min Scan# 2908
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

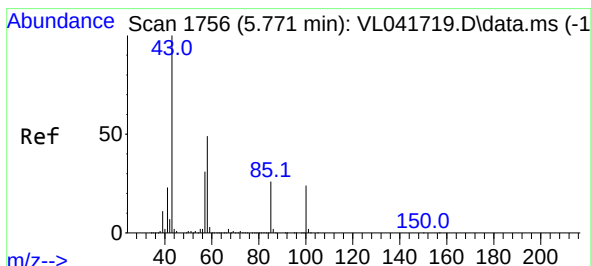
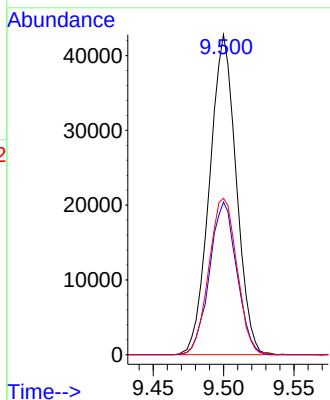
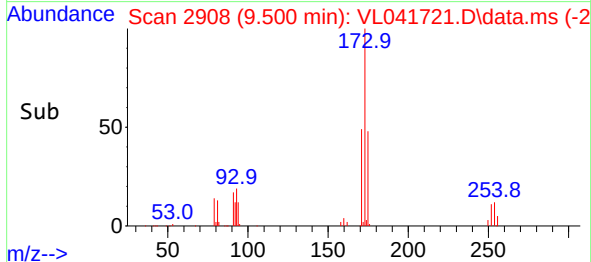
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



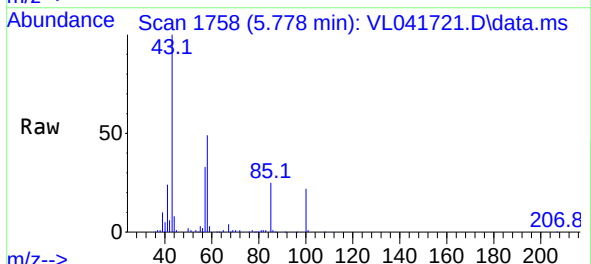
Tgt Ion: 173 Resp: 56478
Ion Ratio Lower Upper
173 100
175 48.7 39.5 59.3
171 51.5 41.4 62.0

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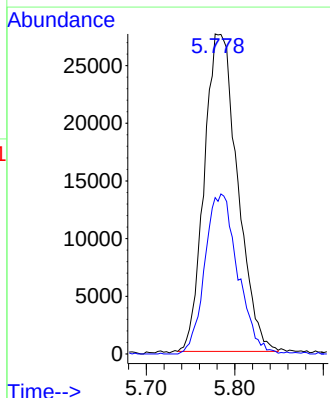
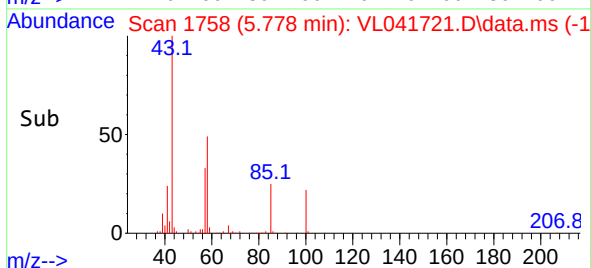
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

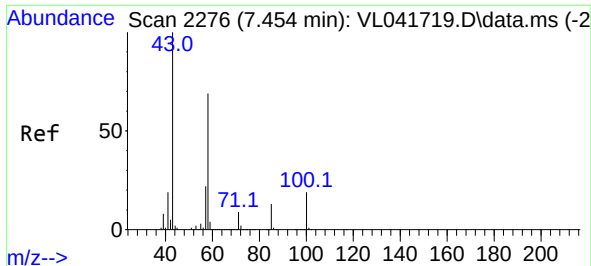


#50
4-Methyl-2-Pentanone
Concen: 1.007 ppbv
RT: 5.778 min Scan# 1758
Delta R.T. 0.007 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14



Tgt Ion: 43 Resp: 72003
Ion Ratio Lower Upper
43 100
58 50.1 38.9 58.3





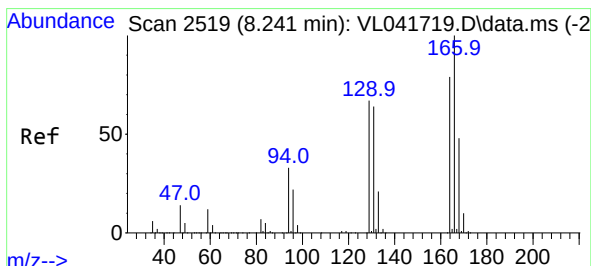
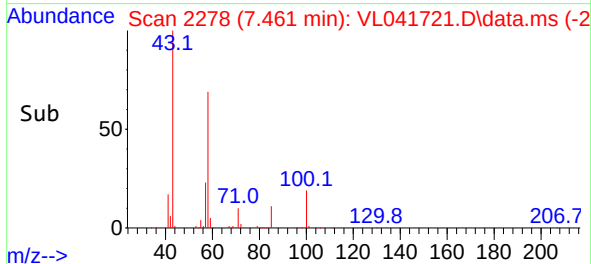
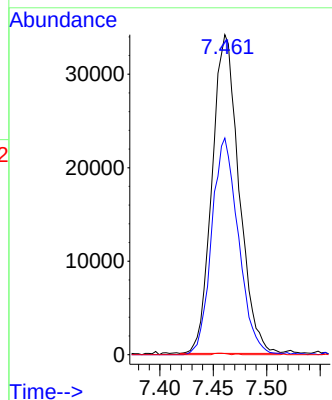
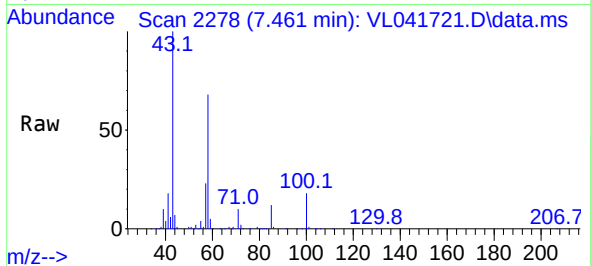
#51
2-Hexanone
Concen: 1.016 ppbv
RT: 7.461 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 59779
Ion Ratio Lower Upper
43 100
58 67.6 54.2 81.4
98 0.2 0.2 0.2

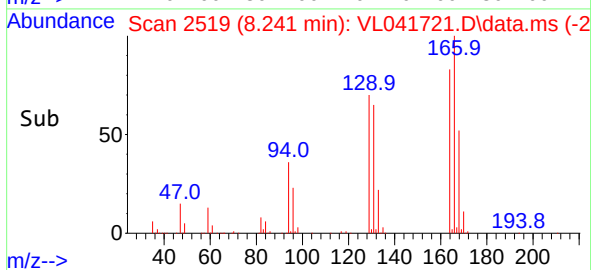
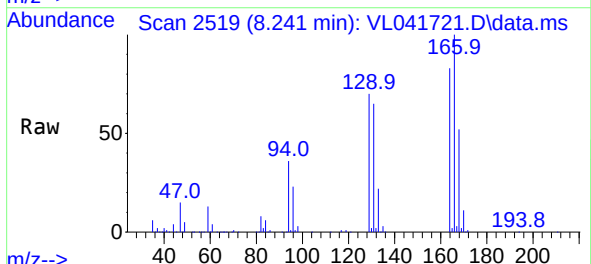
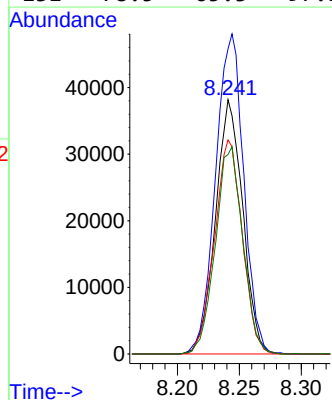
Manual Integrations
APPROVED

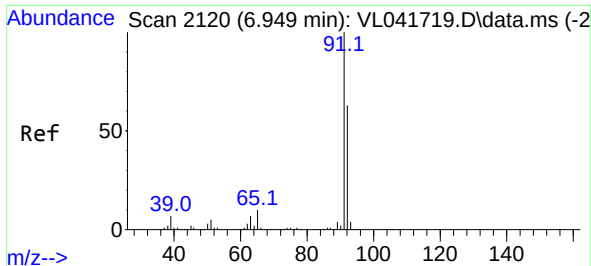
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#52
Tetrachloroethene
Concen: 0.985 ppbv
RT: 8.241 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

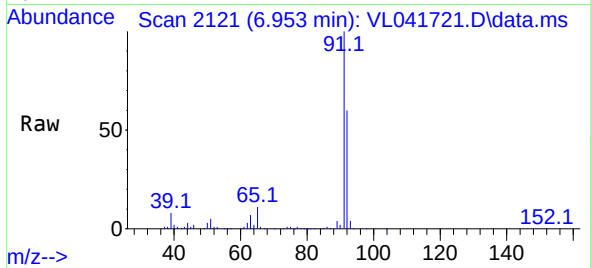
Tgt Ion:164 Resp: 58434
Ion Ratio Lower Upper
164 100
166 120.0 101.4 152.0
129 84.2 67.6 101.4
131 78.5 65.3 97.9





#53
Toluene
Concen: 1.021 ppbv
RT: 6.953 min Scan# 2120
Delta R.T. 0.003 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

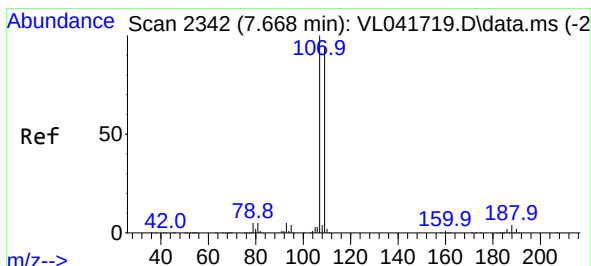
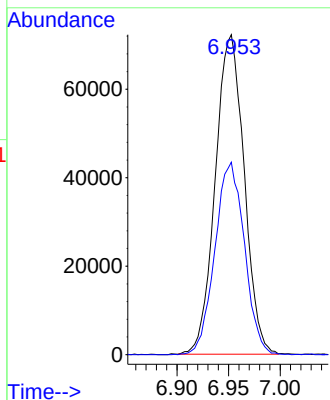
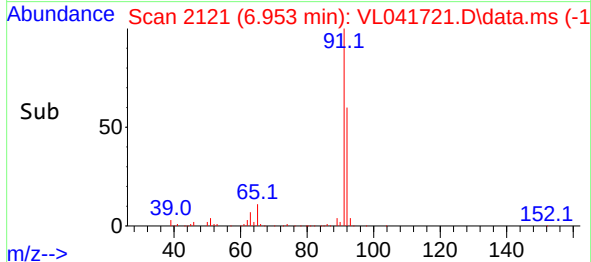
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



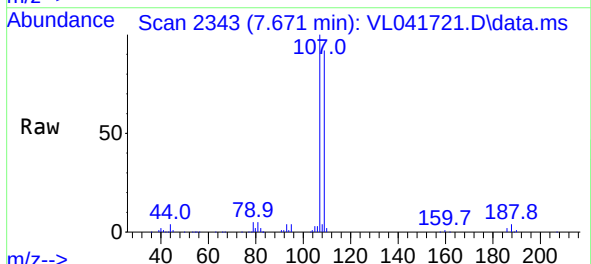
Tgt Ion: 91 Resp: 14054
Ion Ratio Lower Upper
91 100
92 61.6 49.7 74.5

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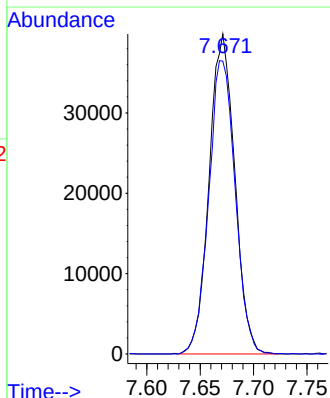
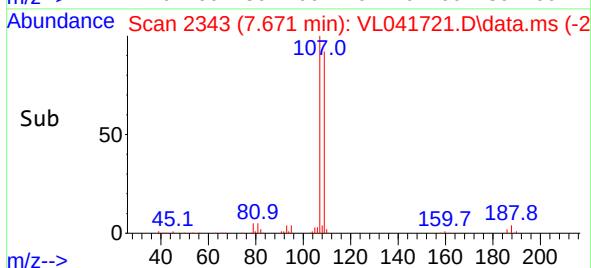
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

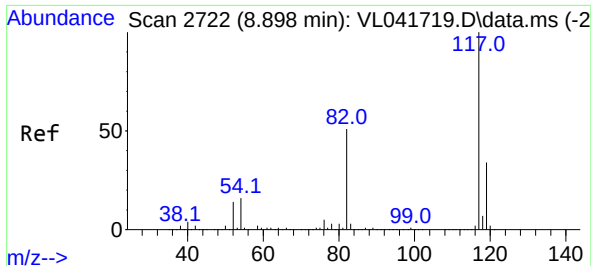


#54
1,2-Dibromoethane
Concen: 1.021 ppbv
RT: 7.671 min Scan# 2343
Delta R.T. 0.003 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14



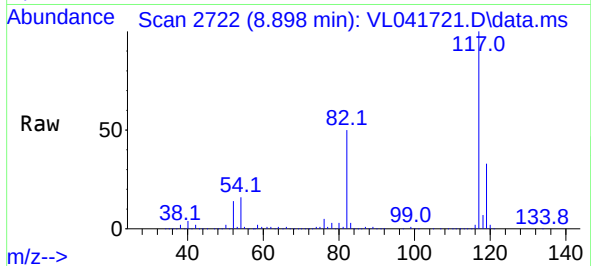
Tgt Ion:107 Resp: 66302
Ion Ratio Lower Upper
107 100
109 91.5 75.5 113.3





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 2722
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

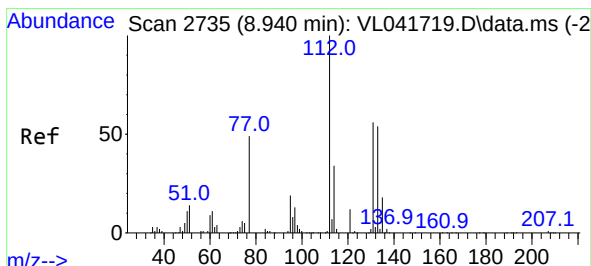
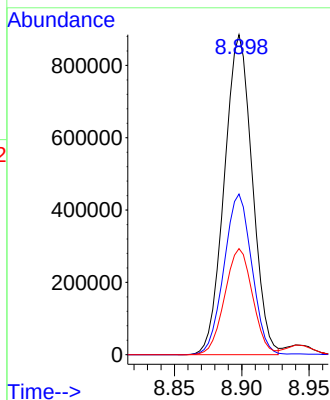
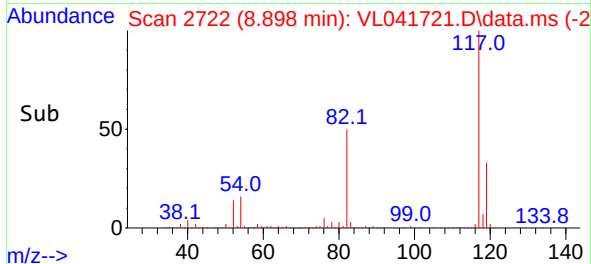
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



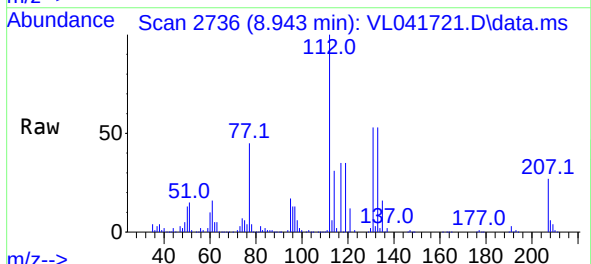
Tgt Ion:117 Resp: 127597
Ion Ratio Lower Upper
117 100
82 50.3 41.3 61.9
119 33.7 25.8 38.8

Manual Integrations
APPROVED

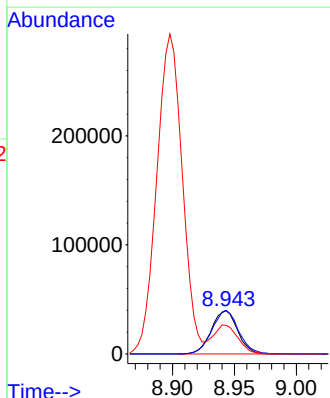
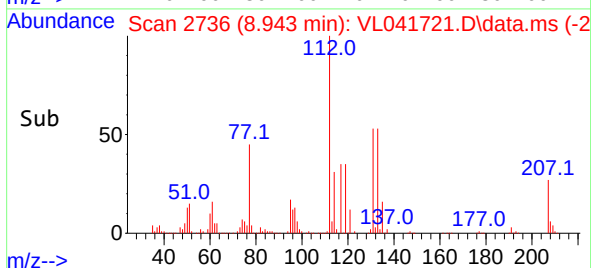
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

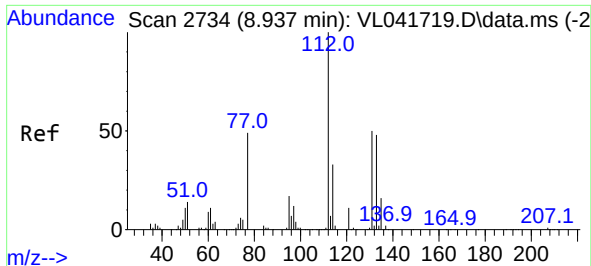


#56
1,1,1,2-Tetrachloroethane
Concen: 0.984 ppbv
RT: 8.943 min Scan# 2736
Delta R.T. 0.003 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14



Tgt Ion:131 Resp: 58345
Ion Ratio Lower Upper
131 100
133 103.0 76.9 115.3
119 789.1 52.6 78.8#





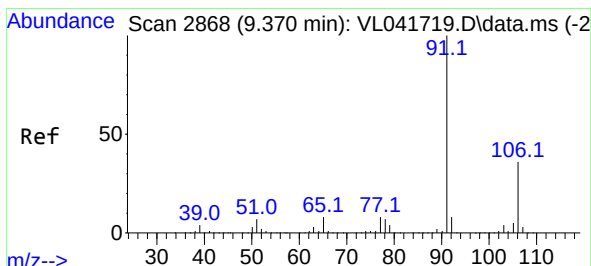
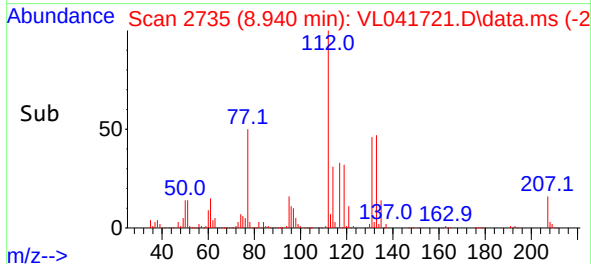
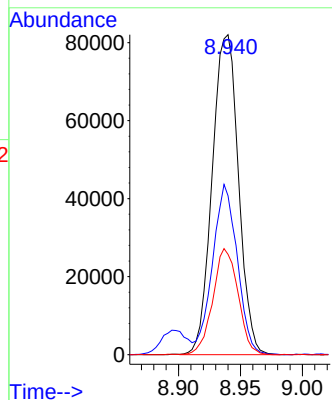
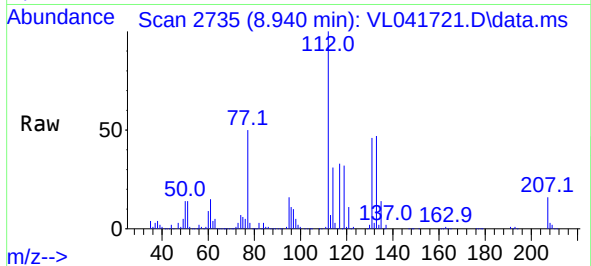
#57
Chlorobenzene
Concen: 1.047 ppbv
RT: 8.940 min Scan# 21156
Delta R.T. 0.003 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 112 Resp: 121568
Ion Ratio Lower Upper
112 100
77 49.6 40.1 60.1
114 31.3 30.2 36.9

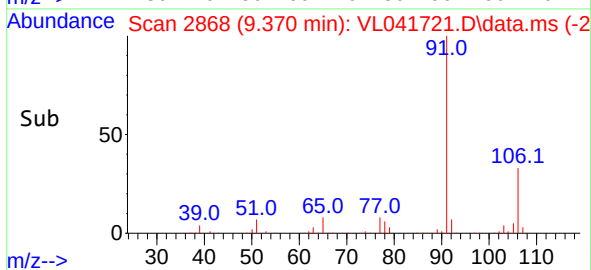
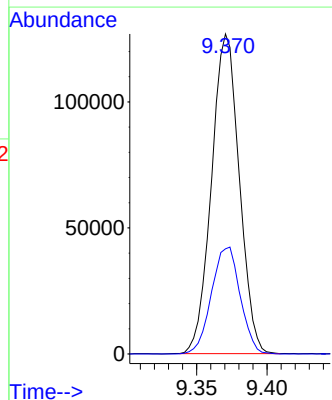
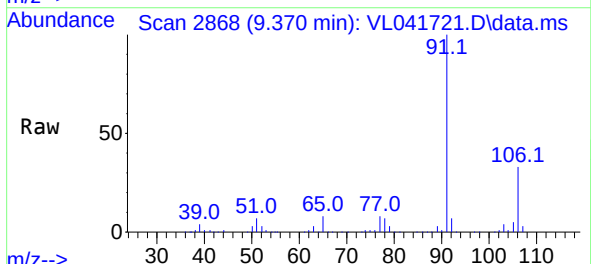
Manual Integrations
APPROVED

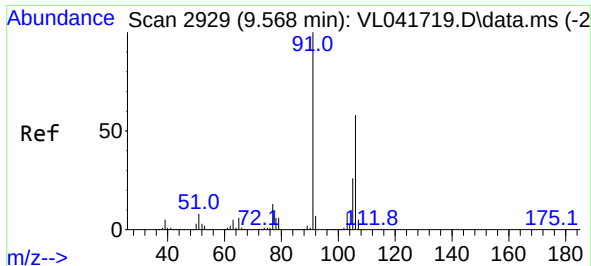
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#58
Ethyl Benzene
Concen: 1.021 ppbv
RT: 9.370 min Scan# 2868
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

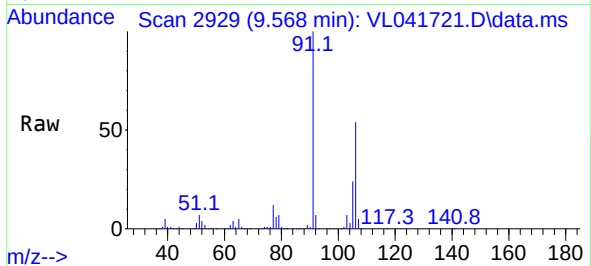
Tgt Ion: 91 Resp: 174269
Ion Ratio Lower Upper
91 100
106 32.9 28.6 43.0





#59
m/p-Xylene
Concen: 2.077 ppbv m
RT: 9.568 min Scan# 2929
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

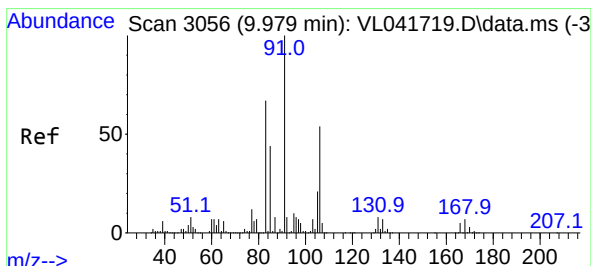
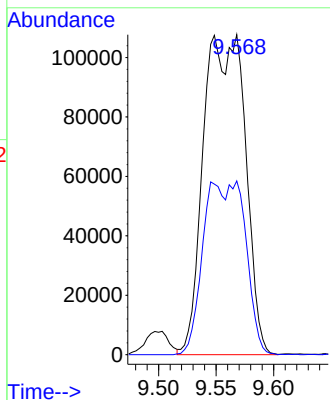
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 91 Resp: 271769
Ion Ratio Lower Upper
91 100
106 54.9 45.1 67.7

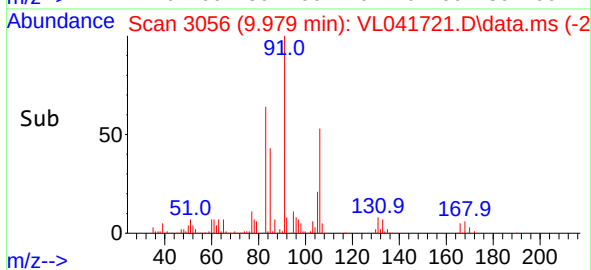
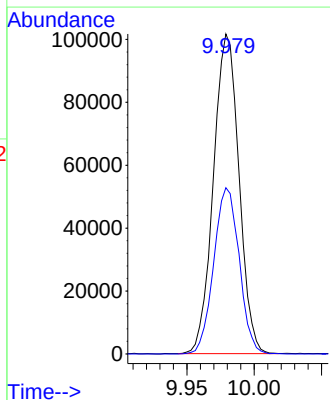
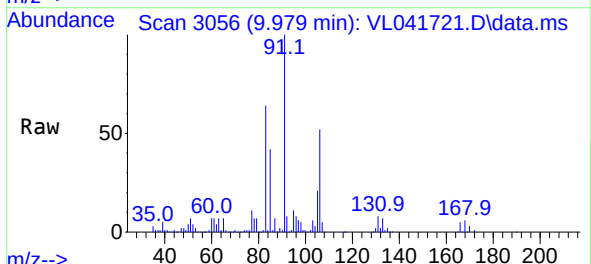
Manual Integrations
APPROVED

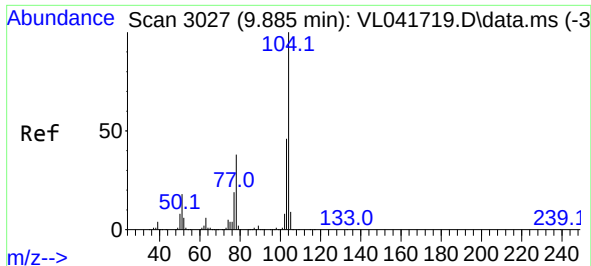
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#60
o-Xylene
Concen: 1.034 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

Tgt Ion: 91 Resp: 134107
Ion Ratio Lower Upper
91 100
106 51.7 26.8 80.4





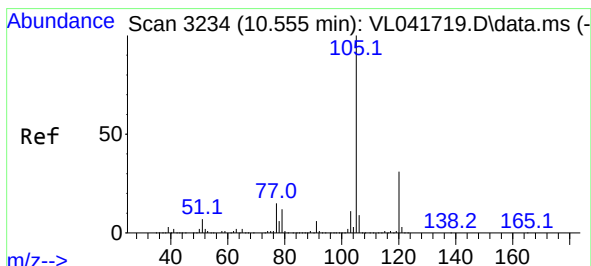
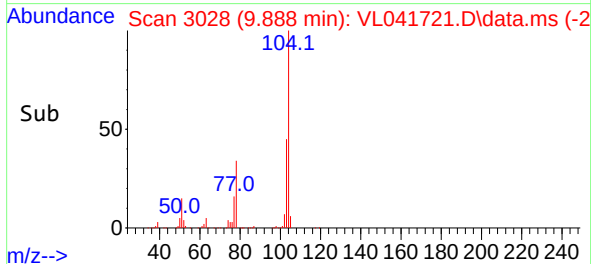
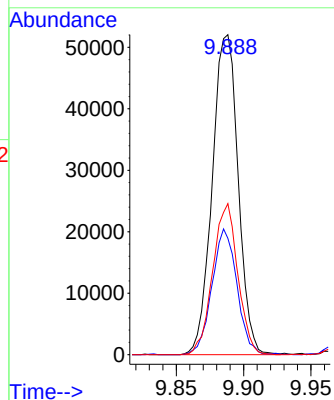
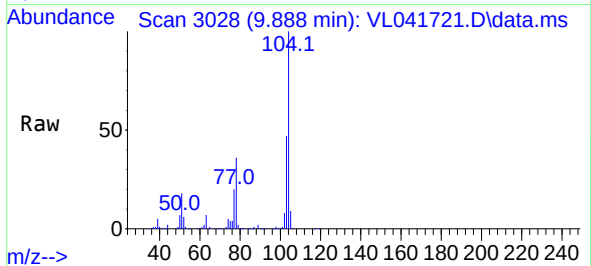
#61
Styrene
Concen: 0.976 ppbv
RT: 9.888 min Scan# 3027
Delta R.T. 0.003 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:104 Resp: 69858
Ion Ratio Lower Upper
104 100
78 38.0 30.2 45.4
103 45.6 36.7 55.1

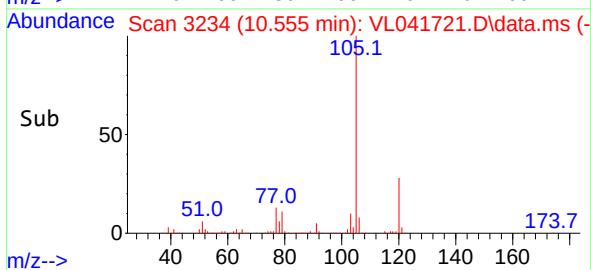
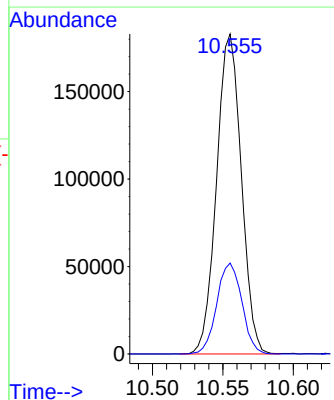
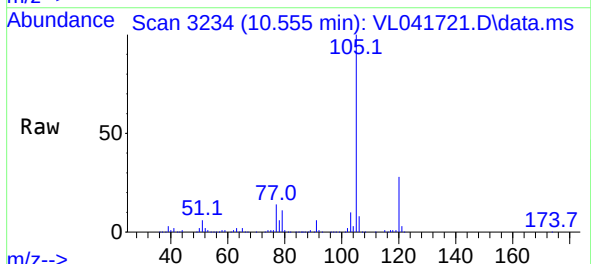
Manual Integrations
APPROVED

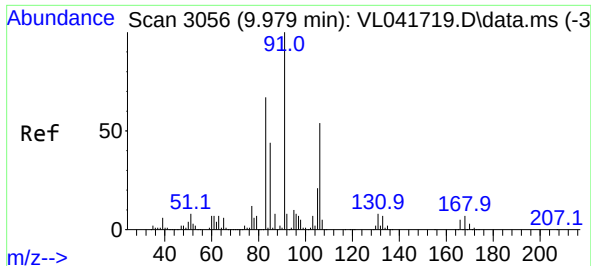
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#62
Isopropylbenzene
Concen: 1.045 ppbv
RT: 10.555 min Scan# 3234
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

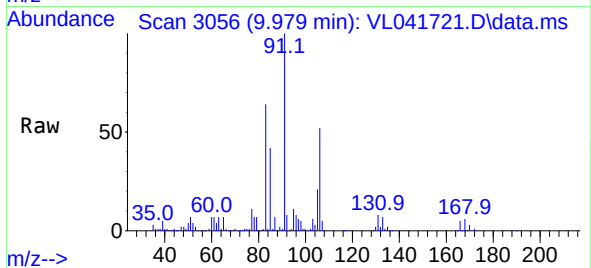
Tgt Ion:105 Resp: 223680
Ion Ratio Lower Upper
105 100
120 28.8 24.3 36.5





#63
1,1,2,2-Tetrachloroethane
Concen: 1.022 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

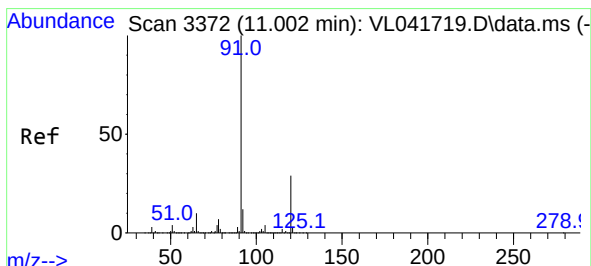
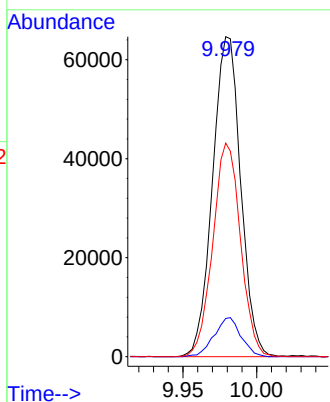
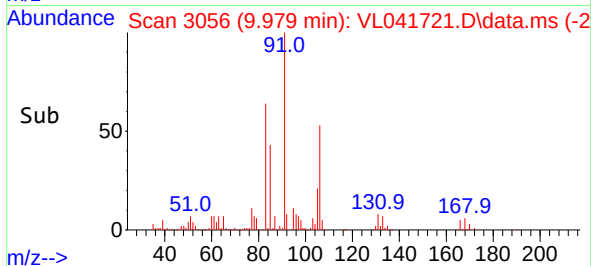
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



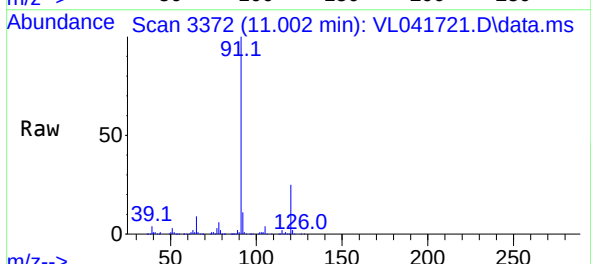
Tgt Ion: 83 Resp: 85775
Ion Ratio Lower Upper
83 100
131 11.7 5.9 17.6
85 65.7 32.8 98.4

Manual Integrations
APPROVED

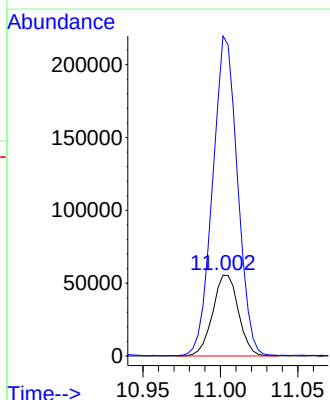
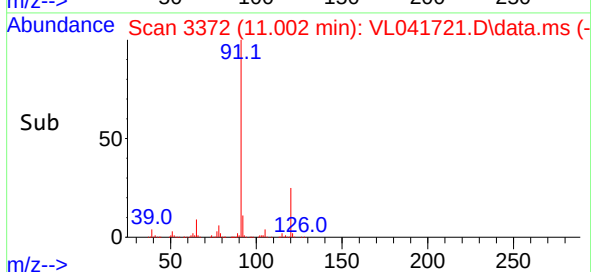
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

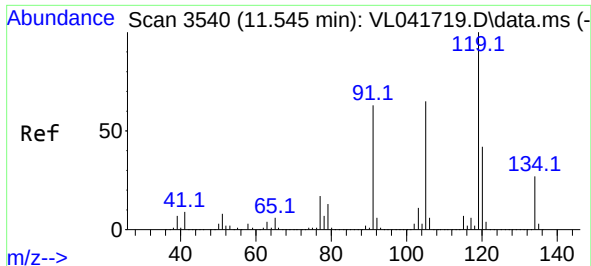


#64
n-propylbenzene
Concen: 1.018 ppbv
RT: 11.002 min Scan# 3372
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14



Tgt Ion:120 Resp: 64153
Ion Ratio Lower Upper
120 100
91 383.1 290.8 436.2





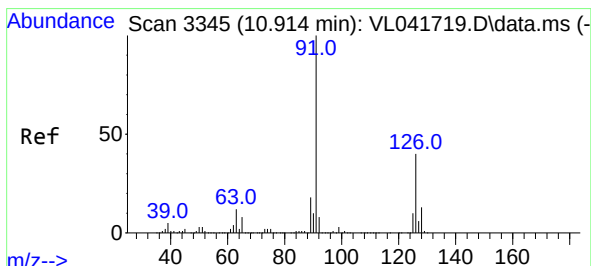
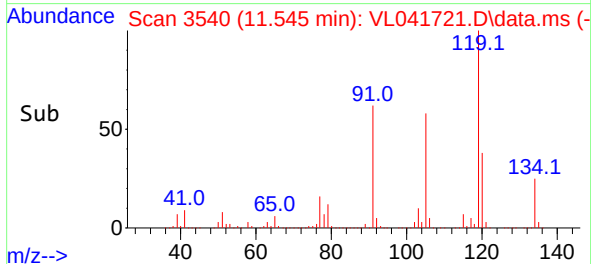
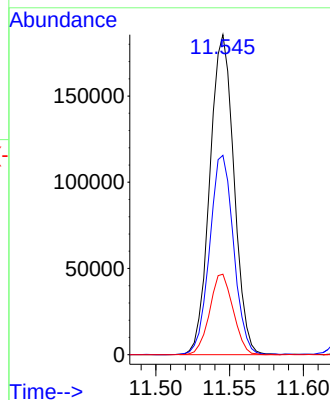
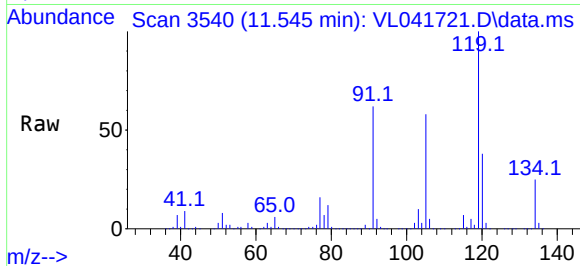
#65
tert-Butylbenzene
Concen: 1.039 ppbv
RT: 11.545 min Scan# 3540
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 119 Resp: 210770
Ion Ratio Lower Upper
119 100
91 62.2 50.2 75.4
134 24.5 20.4 30.6

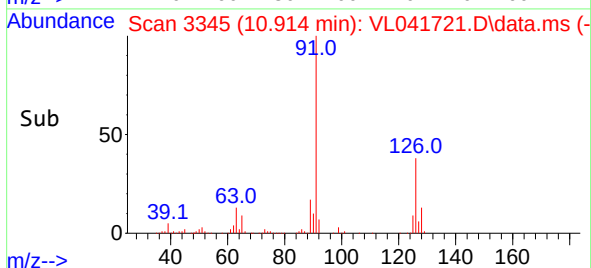
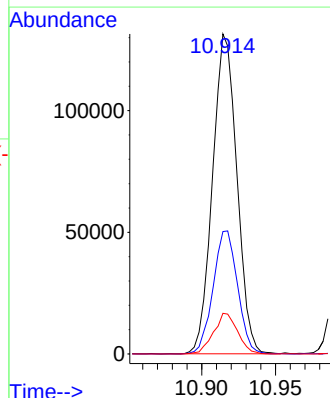
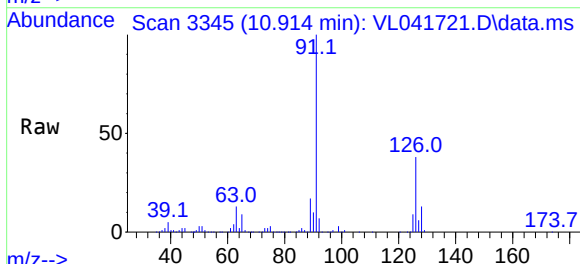
Manual Integrations
APPROVED

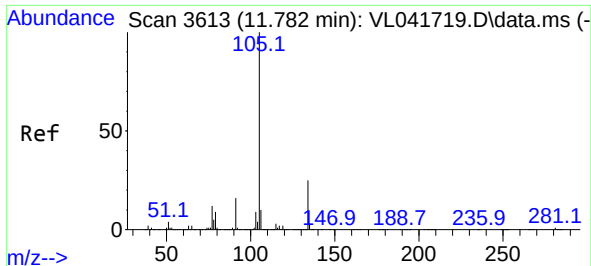
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#66
Benzyl Chloride
Concen: 1.037 ppbv
RT: 10.914 min Scan# 3345
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

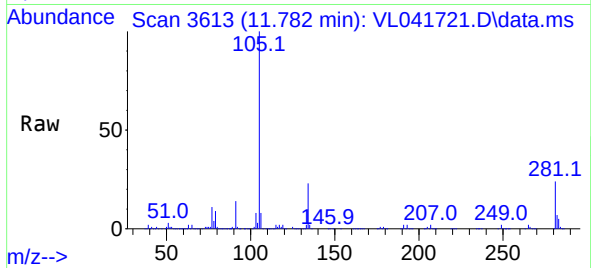
Tgt Ion: 91 Resp: 150873
Ion Ratio Lower Upper
91 100
126 38.8 31.8 47.8
128 12.6 10.3 15.5





#67
sec-Butylbenzene
Concen: 1.061 ppbv
RT: 11.782 min Scan# 30
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

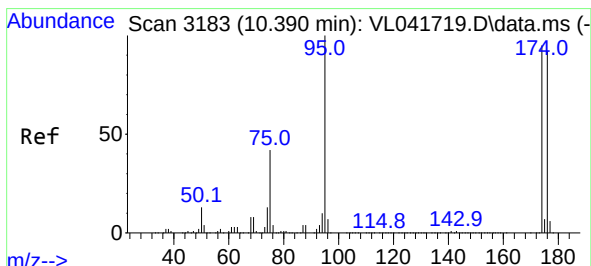
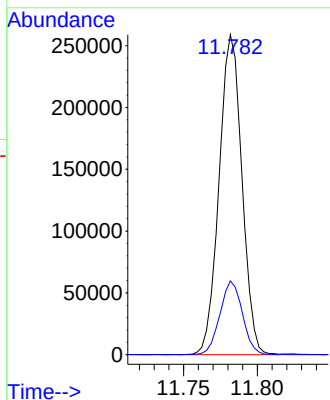
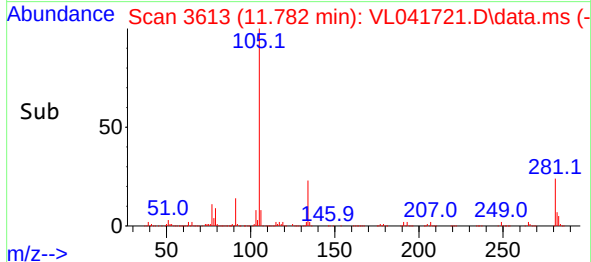
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



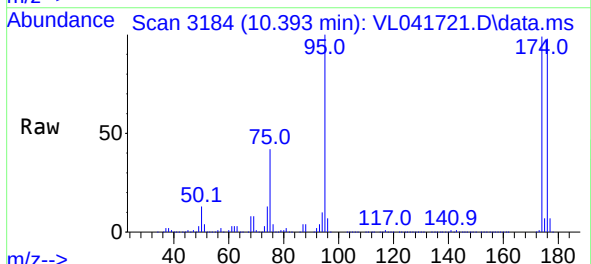
Tgt Ion:105 Resp: 278739
Ion Ratio Lower Upper
105 100
134 22.7 19.3 28.9

Manual Integrations
APPROVED

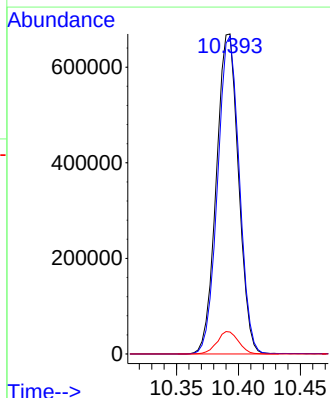
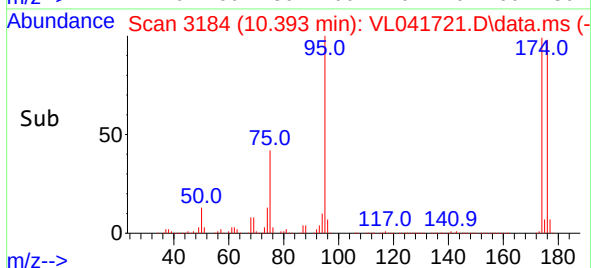
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

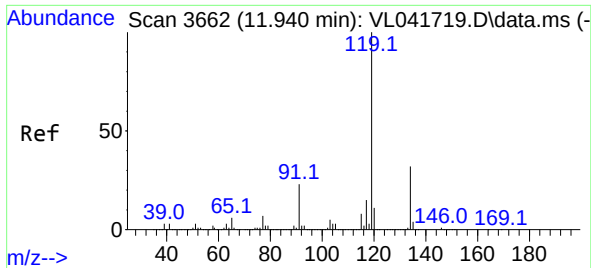


#68
1-Bromo-4-Fluorobenzene
Concen: 9.948 ppbv
RT: 10.393 min Scan# 3184
Delta R.T. 0.003 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14



Tgt Ion: 95 Resp: 834468
Ion Ratio Lower Upper
95 100
174 97.2 76.7 115.1
175 6.8 5.4 8.2





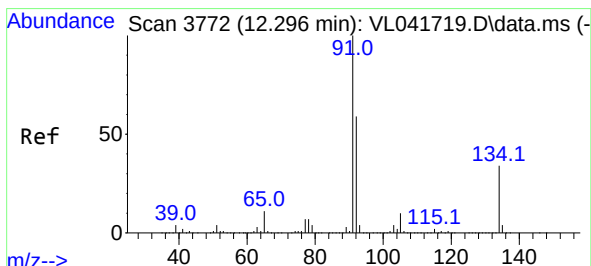
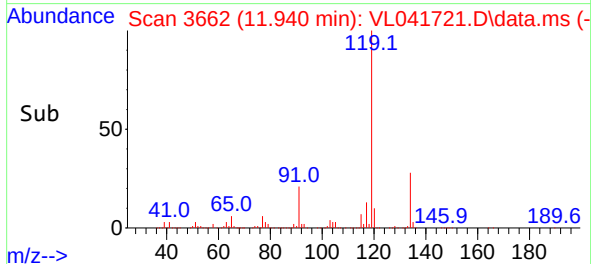
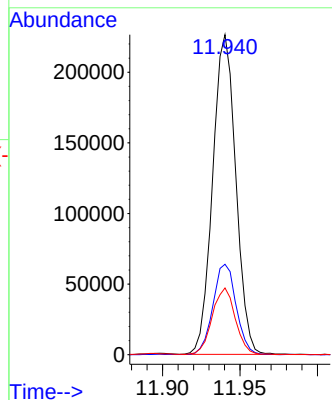
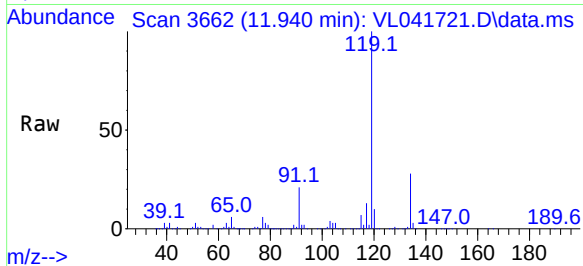
#69
p-Isopropyltoluene
Concen: 1.039 ppbv
RT: 11.940 min Scan# 3662
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:119 Resp: 23529
Ion Ratio Lower Upper
119 100
134 28.6 24.6 36.8
91 21.3 17.8 26.8

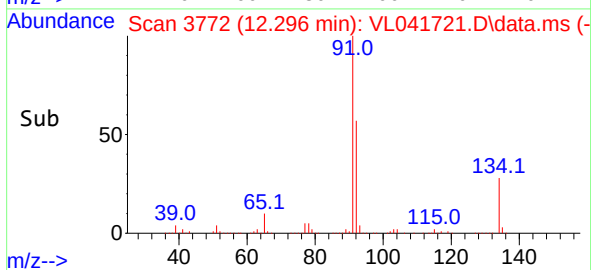
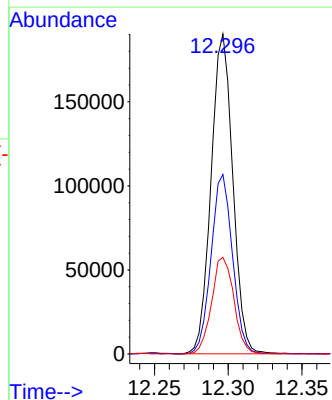
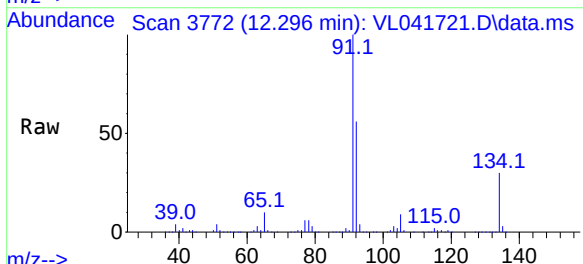
Manual Integrations
APPROVED

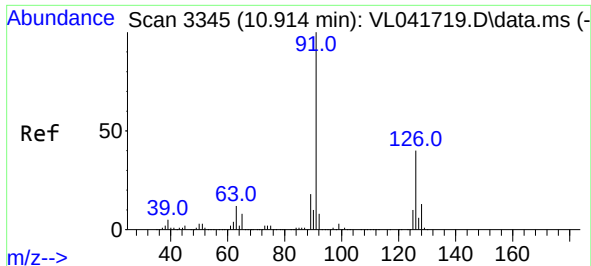
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#70
n-Butylbenzene
Concen: 1.036 ppbv
RT: 12.296 min Scan# 3772
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

Tgt Ion: 91 Resp: 194669
Ion Ratio Lower Upper
91 100
92 55.7 46.7 70.1
134 31.1 26.2 39.4





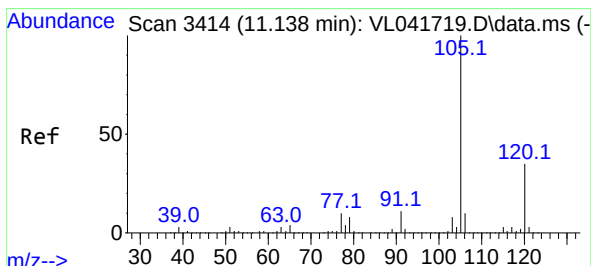
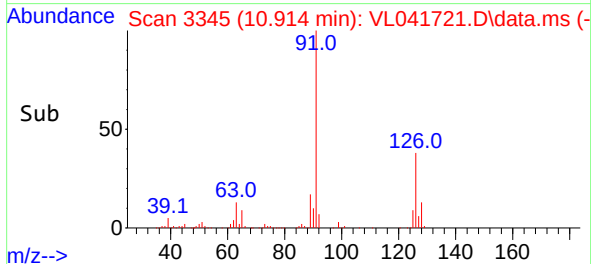
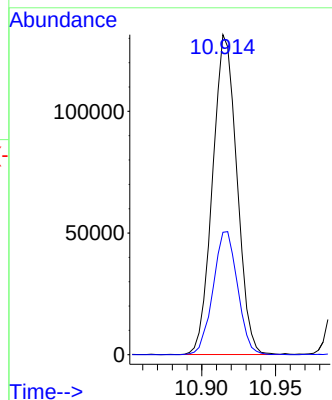
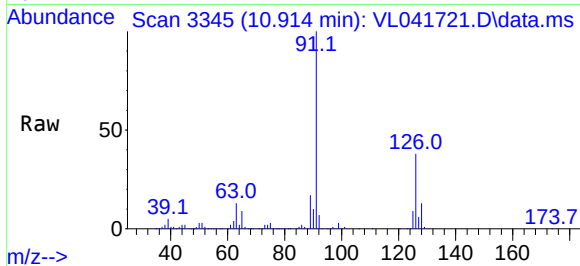
#71
2-Chlorotoluene
Concen: 1.037 ppbv
RT: 10.914 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 150873
Ion Ratio Lower Upper
91 100
126 38.8 15.9 63.7

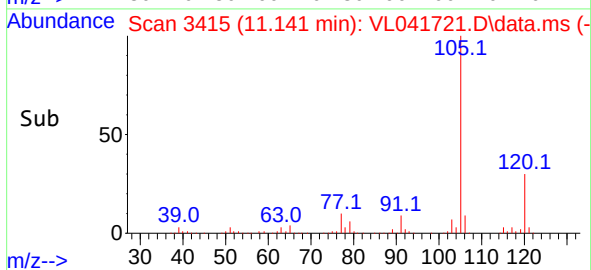
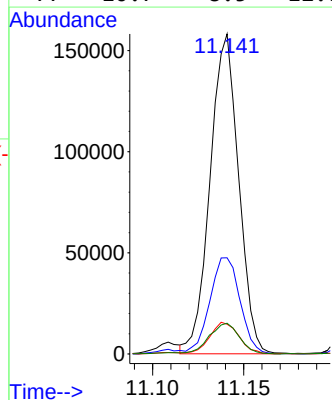
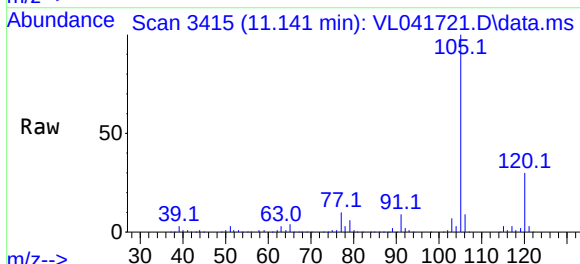
Manual Integrations
APPROVED

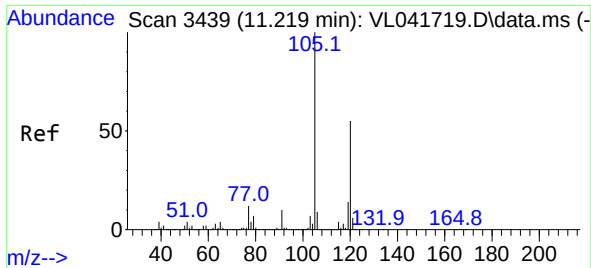
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#72
4-Ethyltoluene
Concen: 1.028 ppbv
RT: 11.141 min Scan# 3415
Delta R.T. 0.003 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

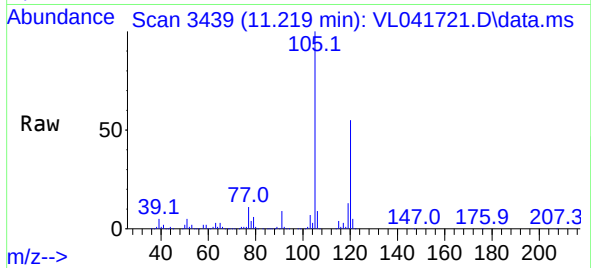
Tgt Ion:105 Resp: 172273
Ion Ratio Lower Upper
105 100
120 33.1 28.0 42.0
91 10.3 8.8 13.2
77 10.7 8.5 12.7





#73
1,3,5-Trimethylbenzene
Concen: 1.010 ppbv
RT: 11.219 min Scan# 3439
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

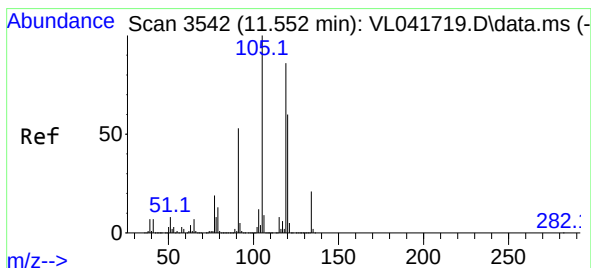
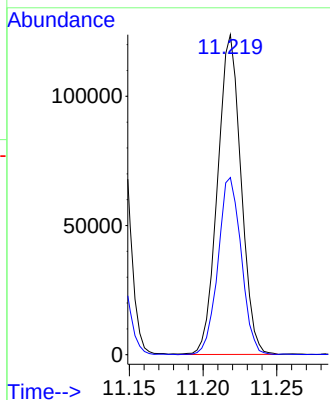
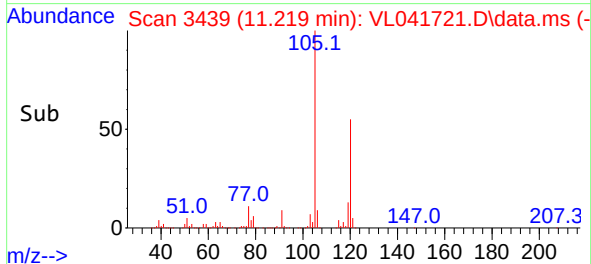
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



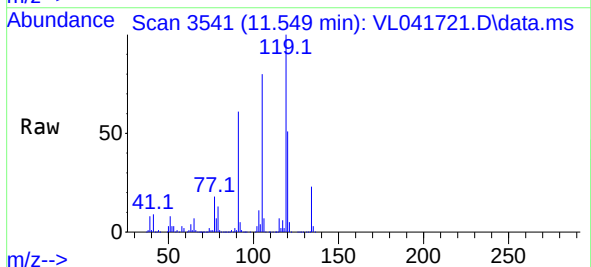
Tgt Ion:105 Resp: 136839
Ion Ratio Lower Upper
105 100
120 55.4 43.6 65.4

Manual Integrations
APPROVED

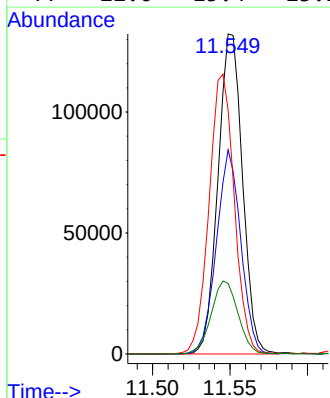
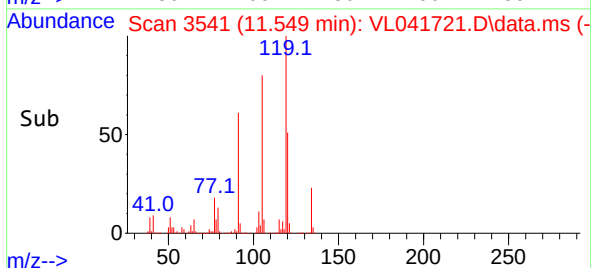
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

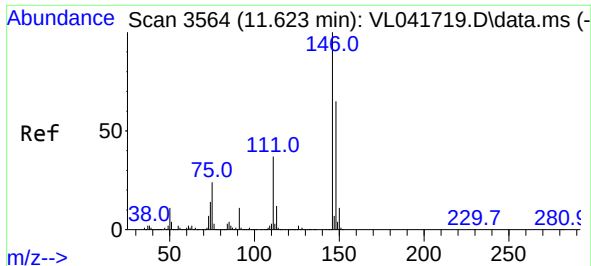


#74
1,2,4-Trimethylbenzene
Concen: 0.989 ppbv
RT: 11.549 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14



Tgt Ion:105 Resp: 145671
Ion Ratio Lower Upper
105 100
120 63.7 47.8 71.6
91 76.0 42.5 63.7#
77 22.0 15.4 23.2





#75

1,3-Dichlorobenzene

Concen: 1.033 ppbv

RT: 11.620 min Scan# 3564

Delta R.T. -0.003 min

Lab File: VL041721.D

Acq: 11 Dec 2024 15:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

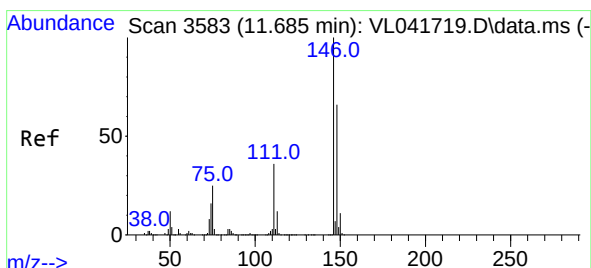
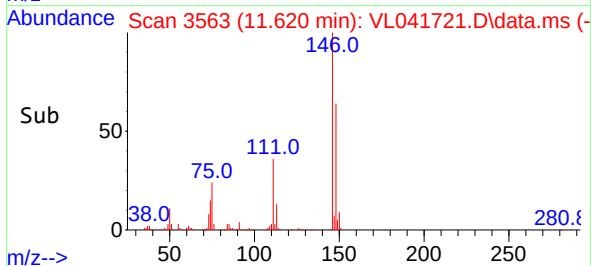
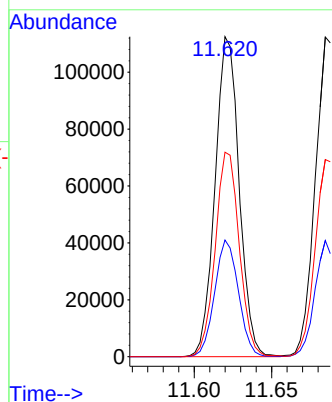
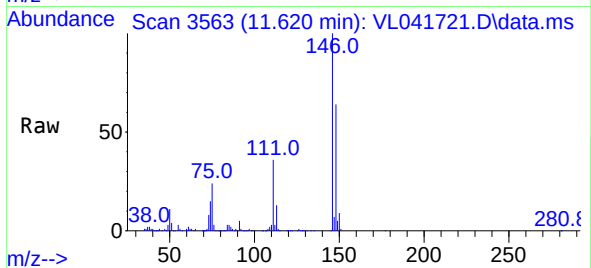
Tgt Ion:146 Resp: 121649

Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.4	55.2
148	63.8	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: 1.025 ppbv

RT: 11.685 min Scan# 3583

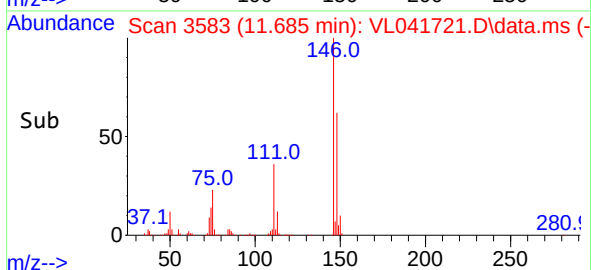
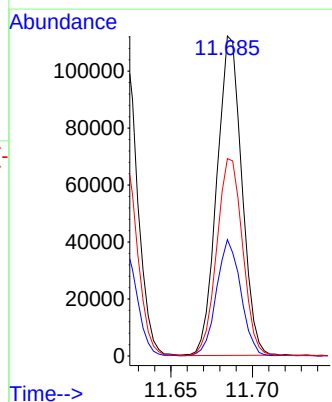
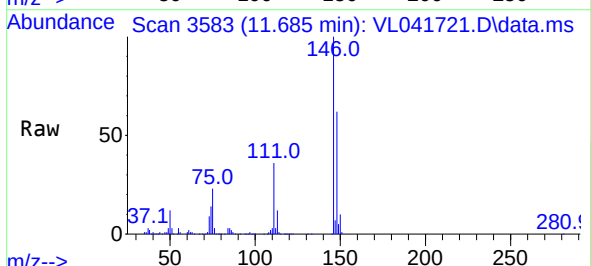
Delta R.T. 0.000 min

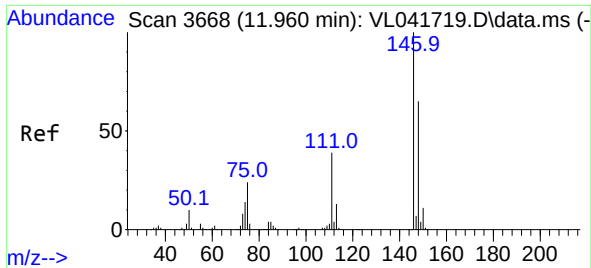
Lab File: VL041721.D

Acq: 11 Dec 2024 15:14

Tgt Ion:146 Resp: 119170

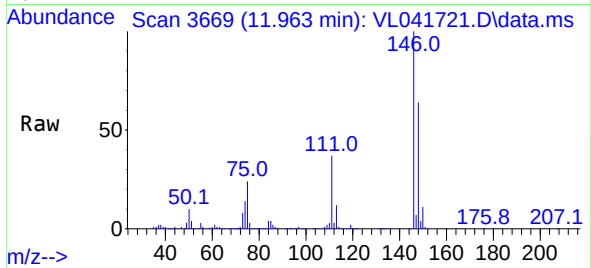
Ion	Ratio	Lower	Upper
146	100		
111	35.8	17.8	53.4
148	64.3	32.4	97.2





#77
1,2-Dichlorobenzene
Concen: 1.026 ppbv
RT: 11.963 min Scan# 3669
Delta R.T. 0.003 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

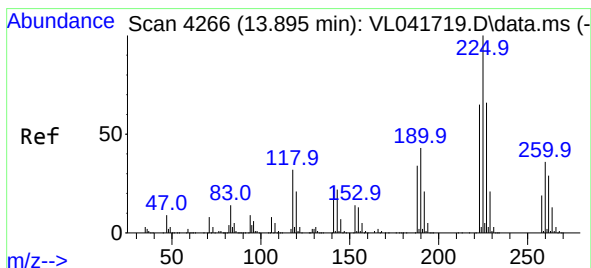
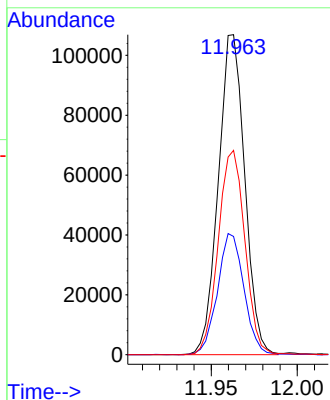
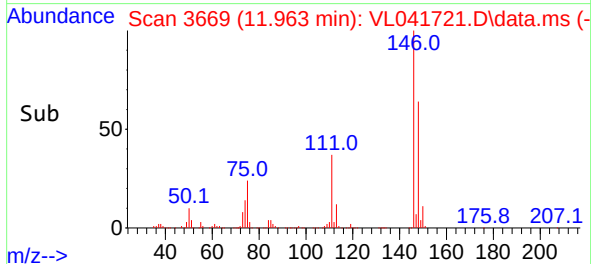
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



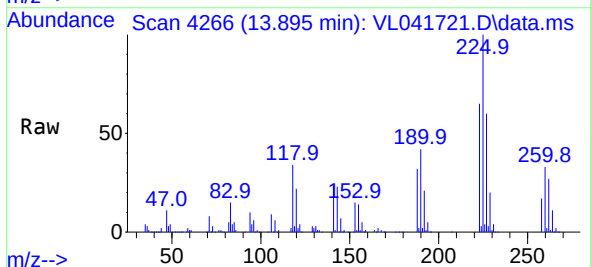
Tgt Ion:146 Resp: 11443
Ion Ratio Lower Upper
146 100
111 38.0 19.2 57.6
148 64.4 32.4 97.2

Manual Integrations
APPROVED

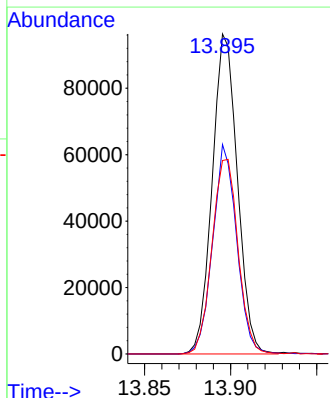
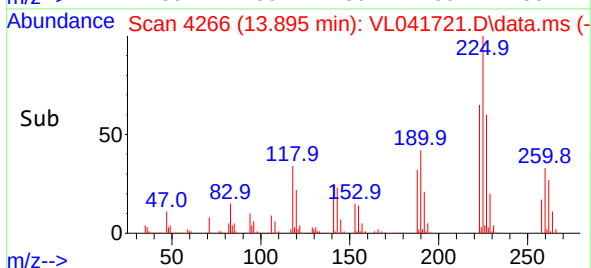
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

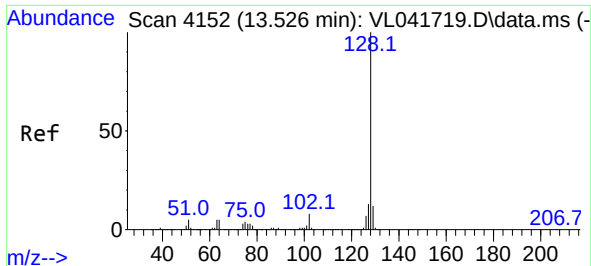


#78
Hexachloro-1,3-Butadiene
Concen: 1.068 ppbv
RT: 13.895 min Scan# 4266
Delta R.T. 0.000 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14



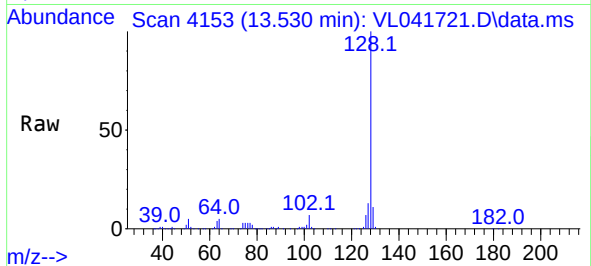
Tgt Ion:225 Resp: 97895
Ion Ratio Lower Upper
225 100
223 62.5 51.1 76.7
227 63.2 51.8 77.6





#79
Naphthalene
Concen: 1.014 ppbv
RT: 13.530 min Scan# 4153
Delta R.T. 0.003 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14

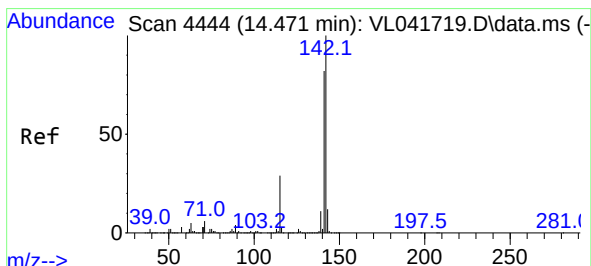
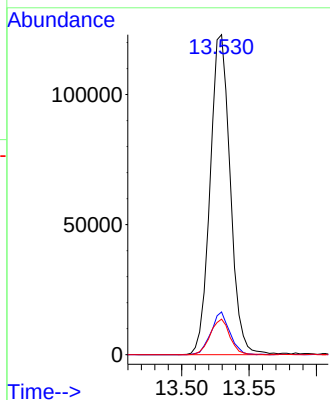
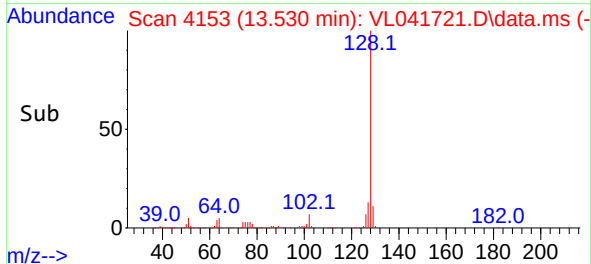
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



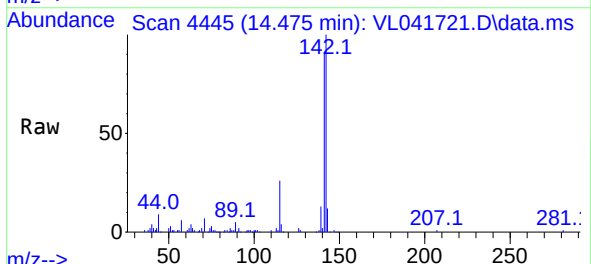
Tgt Ion:128 Resp: 127810
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.2
129 11.1 9.4 14.0

Manual Integrations
APPROVED

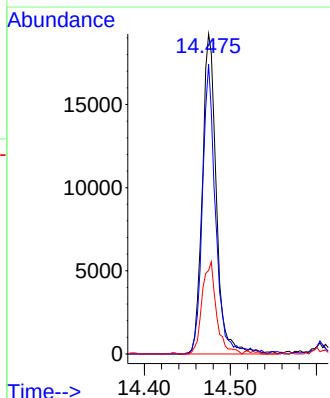
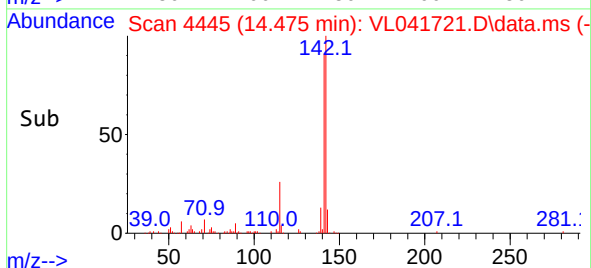
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

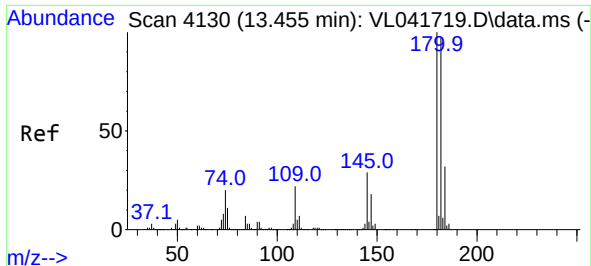


#80
Naphthalene,2-methyl-
Concen: 0.478 ppbv
RT: 14.475 min Scan# 4445
Delta R.T. 0.003 min
Lab File: VL041721.D
Acq: 11 Dec 2024 15:14



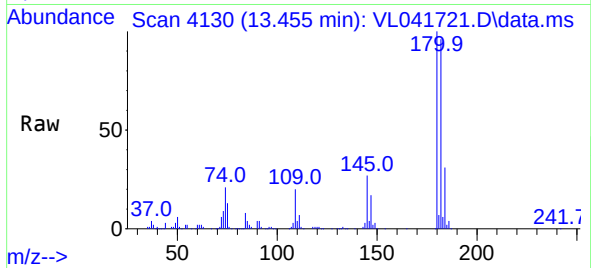
Tgt Ion:142 Resp: 21814
Ion Ratio Lower Upper
142 100
141 85.4 66.0 99.0
115 29.9 22.8 34.2





#81
 1,2,4-Trichlorobenzene
 Concen: 0.978 ppbv
 RT: 13.455 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041721.D
 Acq: 11 Dec 2024 15:14

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion:180 Resp: 7762
 Ion Ratio Lower Upper
 180 100
 182 96.6 77.2 115.8
 184 29.9 25.2 37.8

Manual Integrations
 APPROVED

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

