

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121924\
 Data File : VL041820.D
 Acq On : 19 Dec 2024 14:49
 Operator : SY/MD
 Sample : VL1219ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1219ABS01

Quant Time: Dec 20 01:43:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024

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

Internal Standards						
1) Bromochloromethane	2.787	49	80796	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	195963	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	168530	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	146093	10.403	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	108662	7.558	ppbv	96
3) Chlorodifluoromethane	1.476	51	118722	9.010	ppbv	99
4) Chloromethane	1.534	50	54124	9.622	ppbv	98
5) Vinyl Chloride	1.580	62	49185	8.679	ppbv	99
6) Bromomethane	1.667	94	22812	8.530	ppbv	97
7) Chloroethane	1.706	64	19927	9.052	ppbv	92
8) Dichlorotetrafluoroethane	1.554	85	116539	9.057	ppbv	94
9) Propene	1.483	41	42133	7.377	ppbv	97
10) Heptane	4.985	43	126583	8.629	ppbv	99
11) Trichlorofluoromethane	1.877	101	138063	9.041	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.140	101	100710	8.671	ppbv	97
13) Ethanol	1.722	45	3547	7.501	ppbv	93
14) Bromoethene	1.784	108	33699	8.594	ppbv	99
15) Acetone	1.835	43	120575	7.670	ppbv	99
16) 1,3-Butadiene	1.609	39	57220	9.244	ppbv	96
17) tert-Butyl alcohol	2.039	59	136270	8.738	ppbv	100
18) 1,1-Dichloroethene	2.036	96	42177	8.662	ppbv	93
19) Isopropyl Alcohol	1.887	45	68559	7.268	ppbv #	37
20) Methylene Chloride	2.062	84	38360	8.557	ppbv	97
21) Allyl Chloride	2.097	41	79053	9.272	ppbv	98
22) trans-1,2-Dichloroethene	2.343	96	46926	8.419	ppbv	95
23) Vinyl Acetate	2.463	43	54979	7.532	ppbv #	94
24) 1,1-Dichloroethane	2.408	63	102839	9.115	ppbv	97
25) Ethyl Acetate	2.835	43	264649	9.050	ppbv	99
26) Hexane	2.829	57	95013	8.561	ppbv	92
27) Carbon Disulfide	2.152	76	87254	8.724	ppbv	95
28) Methyl tert-Butyl Ether	2.441	73	67180	7.462	ppbv	98
29) Chloroform	2.848	83	155646	9.203	ppbv	100
30) Cyclohexane	3.858	84	76745	8.127	ppbv	97
31) cis-1,2-Dichloroethene	2.722	61	94585	8.248	ppbv	97
32) 1,1,1-Trichloroethane	3.369	97	149002	8.666	ppbv	97
34) 2-Butanone	2.557	43	149437	9.479	ppbv	99
35) Carbon Tetrachloride	3.768	117	151465	10.888	ppbv	98
36) Benzene	3.658	78	189976	9.372	ppbv	99
37) 1,2-Dichloroethane	3.217	62	124857	9.899	ppbv	100
38) Trichloroethene	4.551	130	71837	8.349	ppbv	95
39) 1,2-Dichloropropane	4.315	63	68691	9.370	ppbv	94
40) 1,4-Dioxane	4.583	88	33777	9.431	ppbv #	98
41) Tetrahydrofuran	3.056	42	80588	9.124	ppbv	98
42) Bromodichloromethane	4.493	83	153057	10.548	ppbv	99
43) Methyl Methacrylate	4.884	69	70969	9.189	ppbv	98
44) 2,2,4-Trimethylpentane	4.645	57	334274	9.656	ppbv	97
45) t-1,3-Dichloropropene	6.418	75	67173	8.408	ppbv	96

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Instrument :
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Manual Integrations
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Quant Time: Dec 20 01:43:52 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M

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

QLast Update : Thu Dec 19 07:32:09 2024

Response via : Initial Calibration

Reviewed By : Semsettin Yesilyurt 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.606	75	88947	8.771	ppbv	97
47) 1,1,2-Trichloroethane	6.583	97	72669	9.490	ppbv	96
48) Dibromochloromethane	7.389	129	108637	10.390	ppbv	100
49) Bromoform	9.487	173	88652	10.358	ppbv	99
50) 4-Methyl-2-Pentanone	5.755	43	206750	9.632	ppbv	98
51) 2-Hexanone	7.441	43	162349	9.331	ppbv #	97
52) Tetrachloroethene	8.228	164	61791	8.190	ppbv	93
53) Toluene	6.939	91	201582	8.771	ppbv	100
54) 1,2-Dibromoethane	7.652	107	100209	9.497	ppbv	96
56) 1,1,1,2-Tetrachloroethane	8.927	131	95280	10.664	ppbv	100
57) Chlorobenzene	8.927	112	168612	9.777	ppbv	99
58) Ethyl Benzene	9.357	91	291119	9.595	ppbv	100
59) m/p-Xylene	9.555	91	500696m	20.524	ppbv	
60) o-Xylene	9.966	91	249559	10.201	ppbv	100
61) Styrene	9.875	104	104520	9.880	ppbv	99
62) Isopropylbenzene	10.542	105	369582	10.055	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.966	83	163278	10.662	ppbv	98
64) n-propylbenzene	10.992	120	95547	10.281	ppbv	98
65) tert-Butylbenzene	11.536	119	332294	10.020	ppbv	97
66) Benzyl Chloride	11.620	91	24851	8.507	ppbv	99
67) sec-Butylbenzene	11.772	105	480545	10.472	ppbv	100
69) p-Isopropyltoluene	11.930	119	398238	10.530	ppbv	100
70) n-Butylbenzene	12.286	91	398457	10.905	ppbv	99
71) 2-Chlorotoluene	10.904	91	278779	9.936	ppbv	99
72) 4-Ethyltoluene	11.128	105	307317	10.642	ppbv	99
73) 1,3,5-Trimethylbenzene	11.205	105	263169	10.984	ppbv	96
74) 1,2,4-Trimethylbenzene	11.539	105	286070	11.104	ppbv	90
75) 1,3-Dichlorobenzene	11.610	146	169639	10.327	ppbv	99
76) 1,4-Dichlorobenzene	11.675	146	167846	10.344	ppbv	99
77) 1,2-Dichlorobenzene	11.950	146	161258	10.203	ppbv	100
78) Hexachloro-1,3-Butadiene	13.885	225	94266	8.044	ppbv	99
79) Naphthalene	13.516	128	200671	11.178	ppbv	99
80) Naphthalene,2-methyl-	14.461	142	85944	15.478	ppbv	98
81) 1,2,4-Trichlorobenzene	13.445	180	92768	9.457	ppbv	99

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

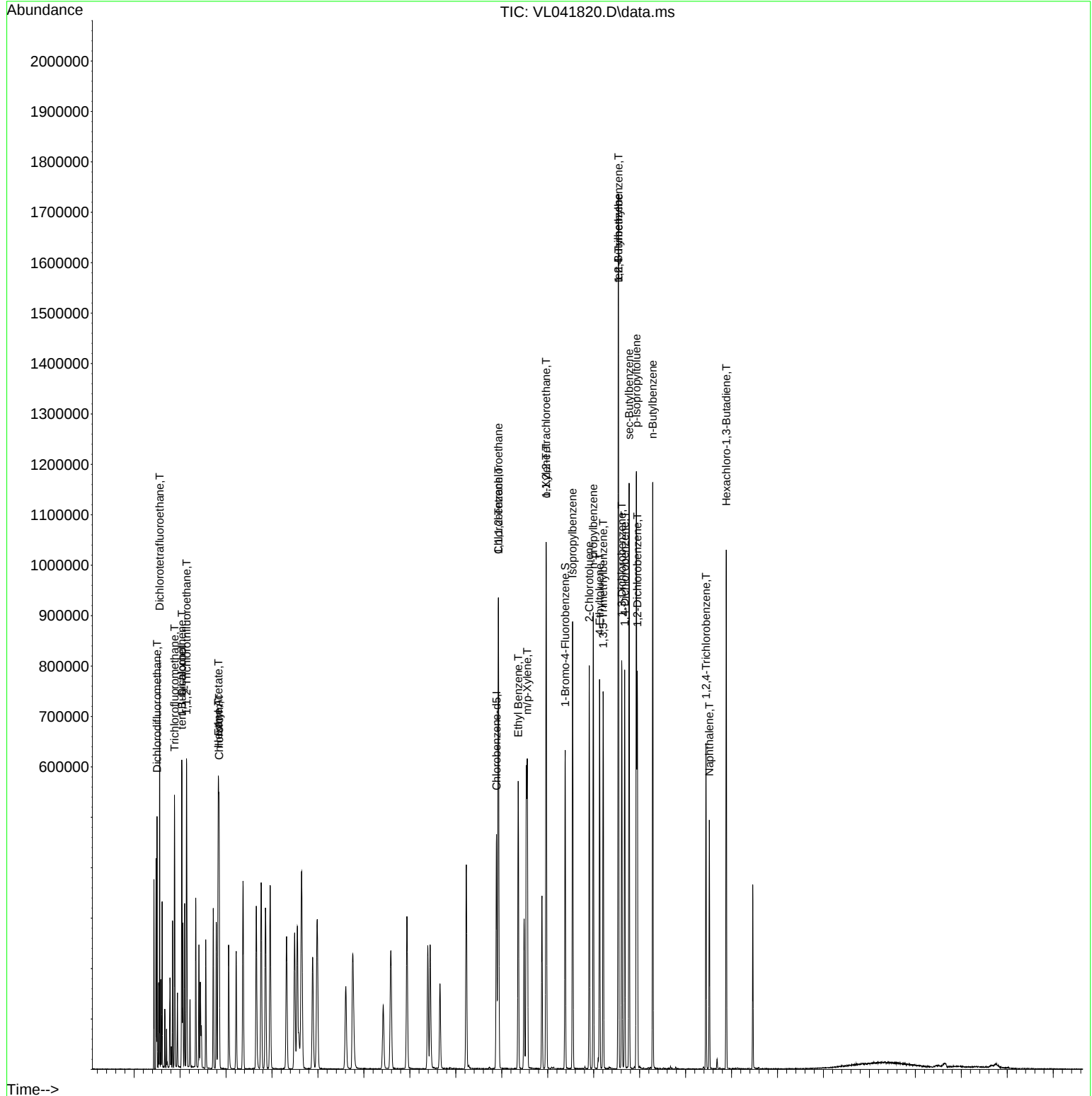
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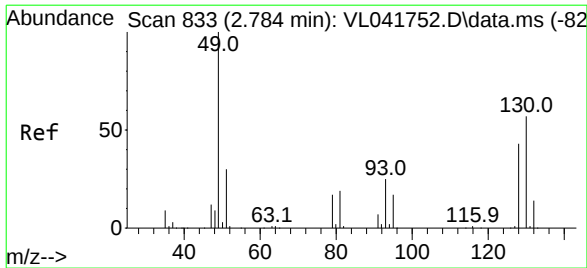
Instrument :
MSVOA_L
ClientSampleId :
VL1219ABS01

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Supervised By :Mahesh Dadoda 12/20/2024





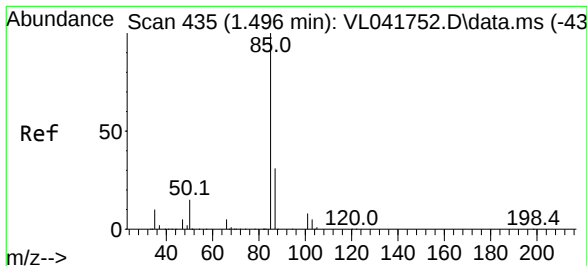
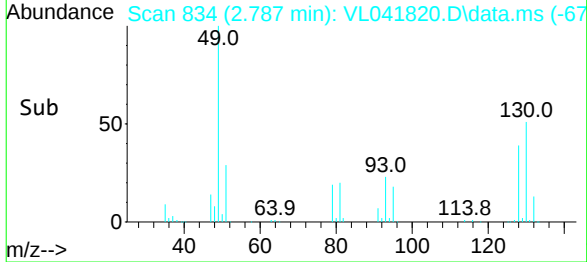
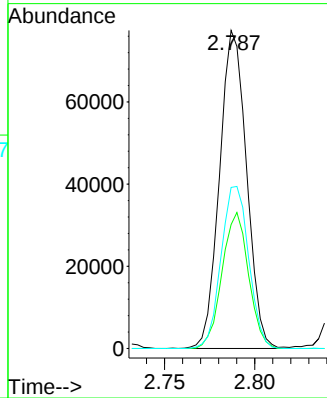
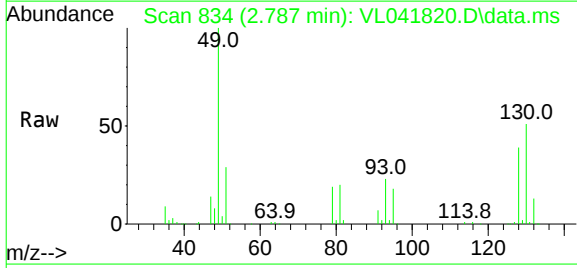
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 833
Delta R.T. 0.003 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

Instrument :
MSVOA_L
ClientSampleId :
VL1219ABS01

Tgt Ion: 49 Resp: 80796
Ion Ratio Lower Upper
49 100
128 41.8 21.6 64.6
130 52.1 28.3 85.0

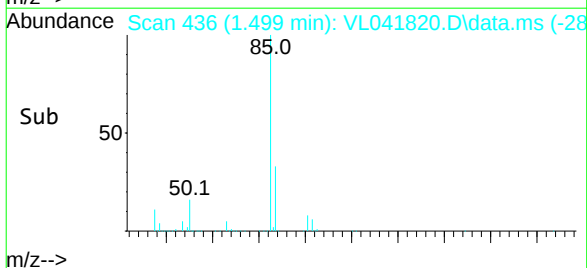
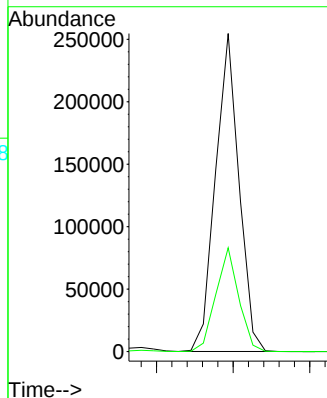
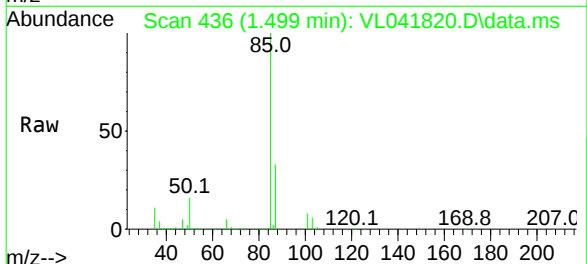
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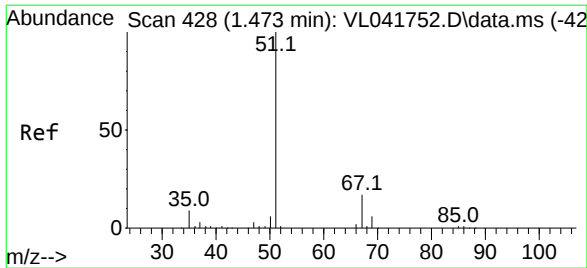
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#2
Dichlorodifluoromethane
Concen: 7.558 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

Tgt Ion: 85 Resp: 108662
Ion Ratio Lower Upper
85 100
87 32.6 24.5 36.7





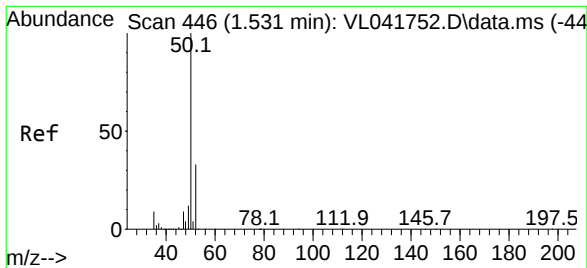
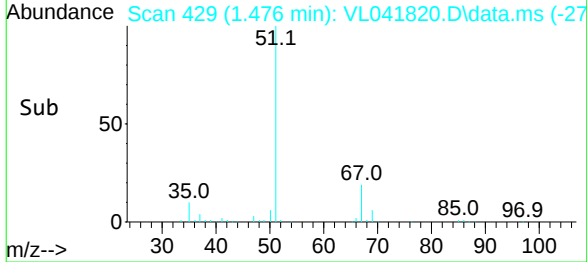
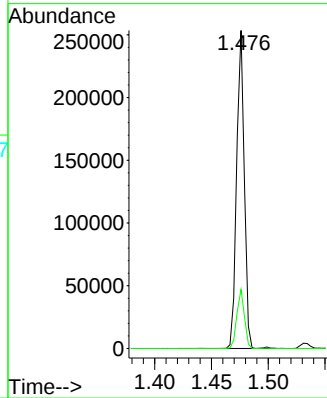
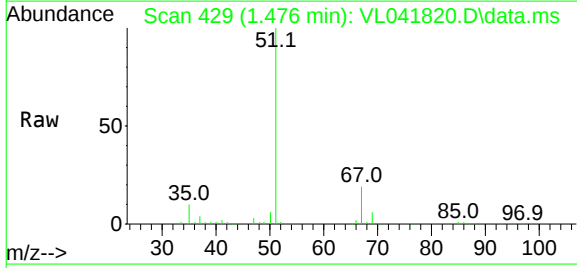
#3
Chlorodifluoromethane
Concen: 9.010 ppbv
RT: 1.476 min Scan# 428
Delta R.T. 0.003 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

Instrument :
MSVOA_L
ClientSampleId :
VL1219ABS01

Tgt Ion: 51 Resp: 118722
Ion Ratio Lower Upper
51 100
67 18.3 15.0 22.4

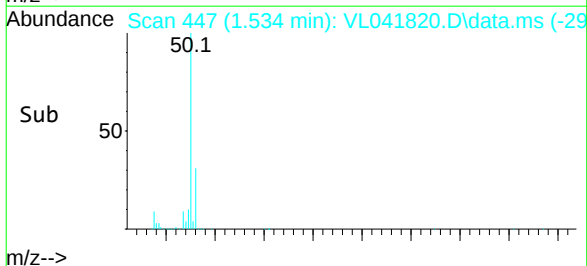
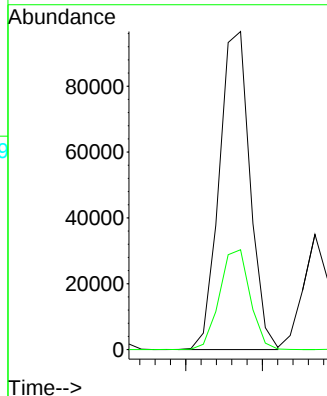
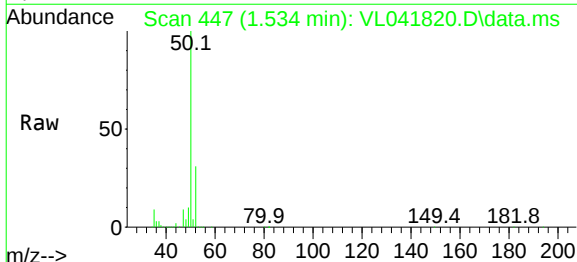
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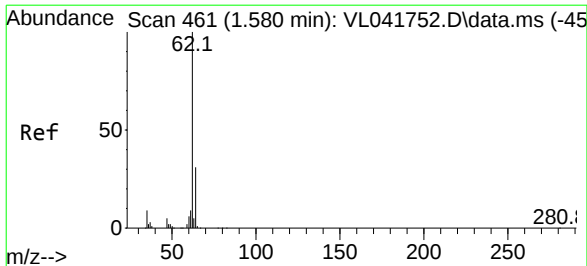
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#4
Chloromethane
Concen: 9.622 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

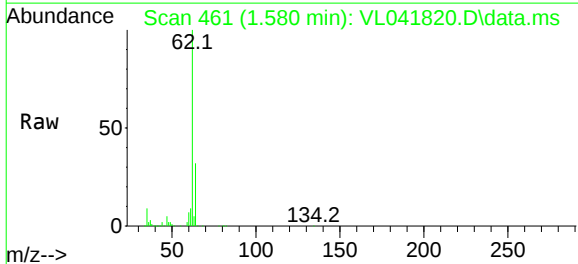
Tgt Ion: 50 Resp: 54124
Ion Ratio Lower Upper
50 100
52 31.4 26.2 39.2





#5
 Vinyl Chloride
 Concen: 8.679 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL041820.D
 Acq: 19 Dec 2024 14:49

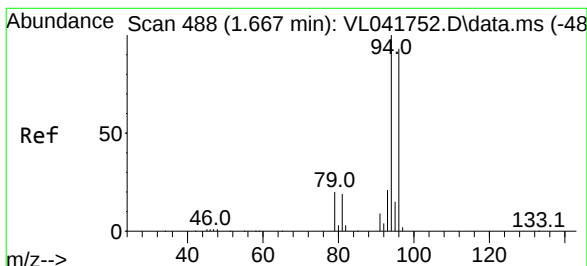
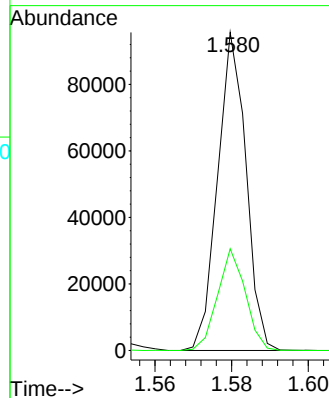
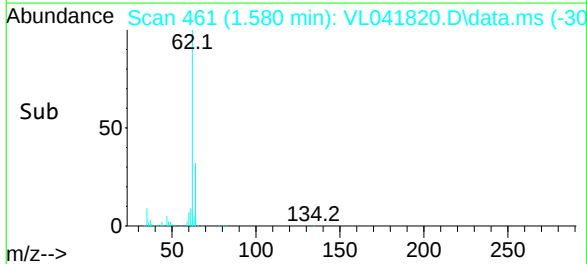
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1219ABS01



Tgt Ion: 62 Resp: 49185
 Ion Ratio Lower Upper
 62 100
 64 32.0 25.1 37.7

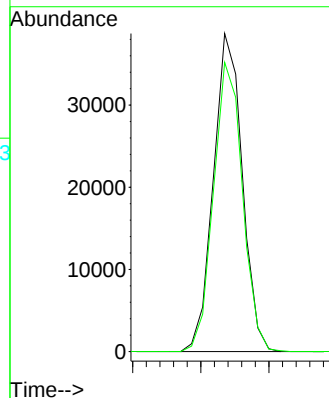
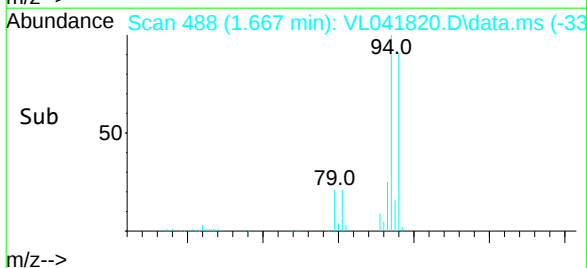
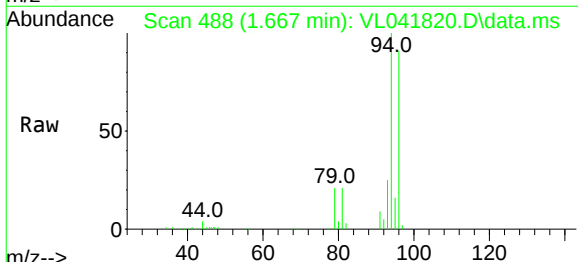
Manual Integrations
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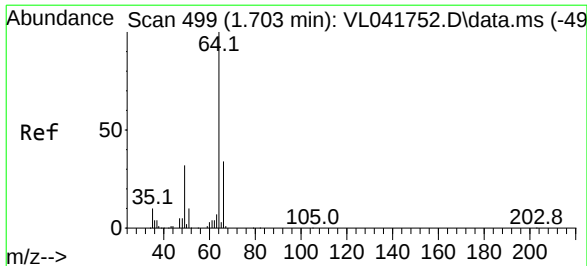
Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#6
 Bromomethane
 Concen: 8.530 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.000 min
 Lab File: VL041820.D
 Acq: 19 Dec 2024 14:49

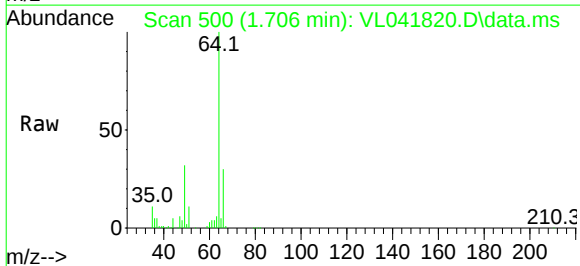
Tgt Ion: 94 Resp: 22812
 Ion Ratio Lower Upper
 94 100
 96 90.9 74.7 112.1





#7
Chloroethane
Concen: 9.052 ppbv
RT: 1.706 min Scan# 50
Delta R.T. 0.003 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

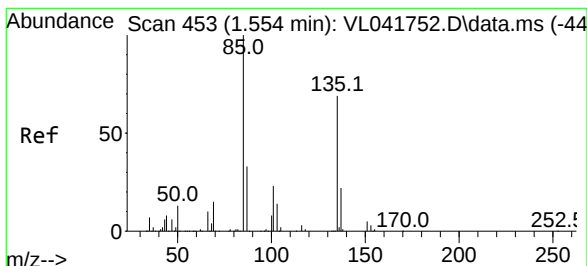
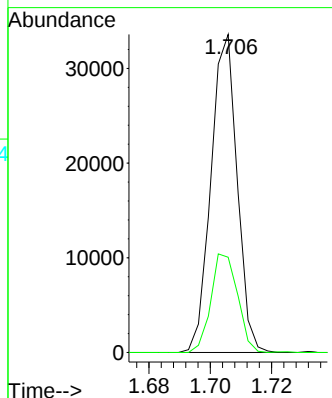
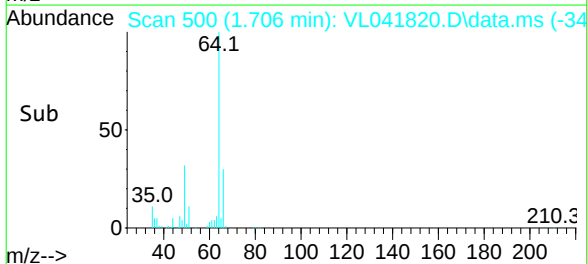
Instrument :
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Tgt Ion: 64 Resp: 19927
Ion Ratio Lower Upper
64 100
66 29.9 27.5 41.3

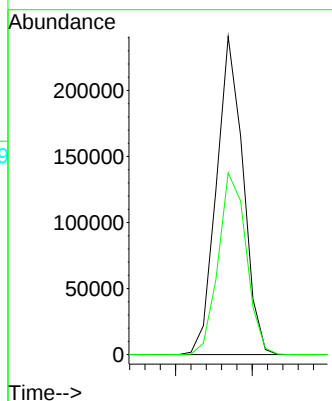
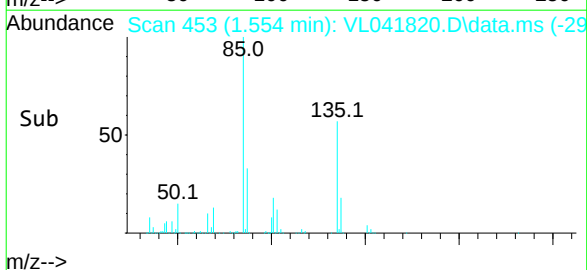
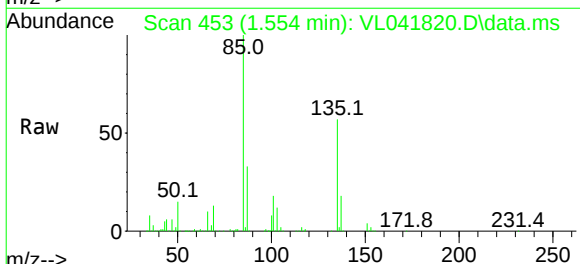
Manual Integrations
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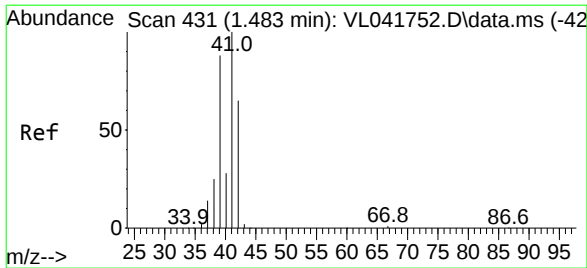
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#8
Dichlorotetrafluoroethane
Concen: 9.057 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

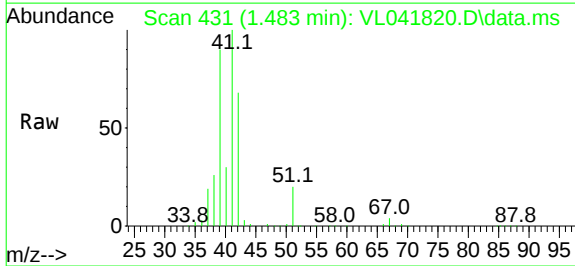
Tgt Ion: 85 Resp: 116539
Ion Ratio Lower Upper
85 100
135 60.0 51.9 77.9





#9
Propene
Concen: 7.377 ppbv
RT: 1.483 min Scan# 431
Delta R.T. -0.000 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

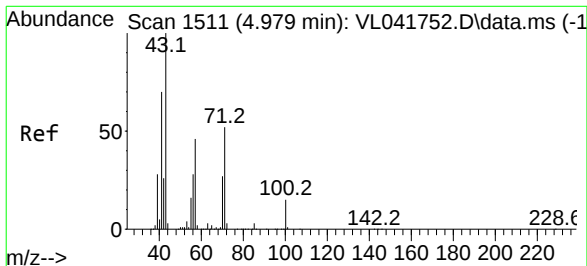
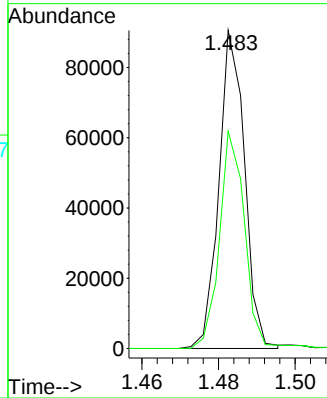
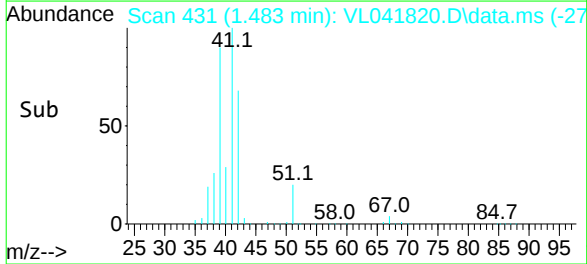
Instrument :
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Tgt Ion: 41 Resp: 42133
Ion Ratio Lower Upper
41 100
42 67.9 52.4 78.6

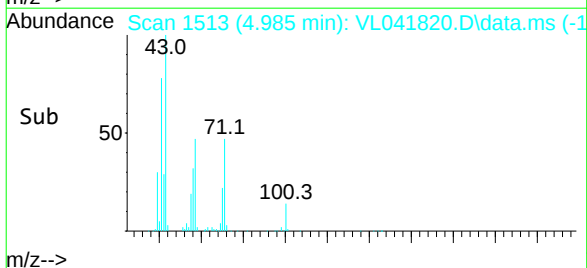
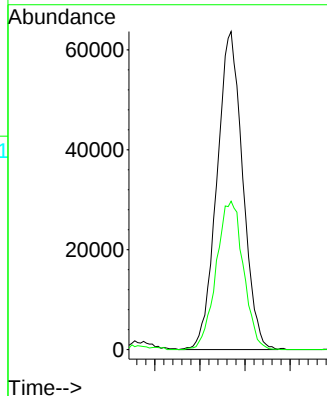
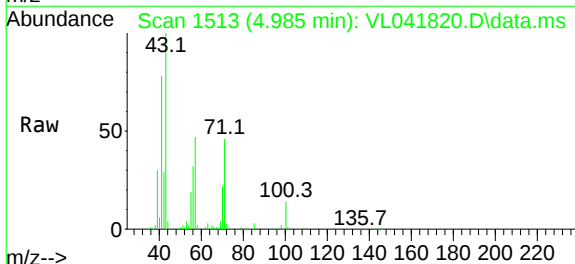
Manual Integrations
APPROVED

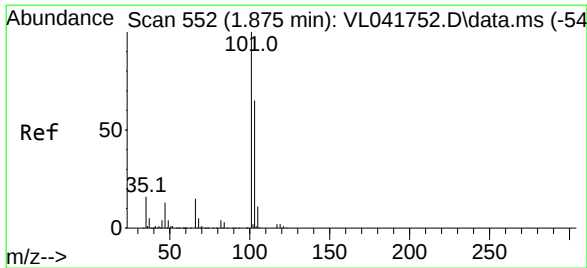
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#10
Heptane
Concen: 8.629 ppbv
RT: 4.985 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

Tgt Ion: 43 Resp: 126583
Ion Ratio Lower Upper
43 100
57 49.0 38.5 57.7





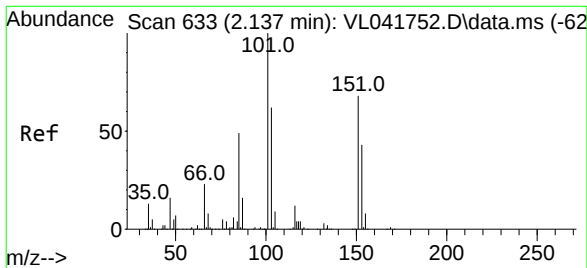
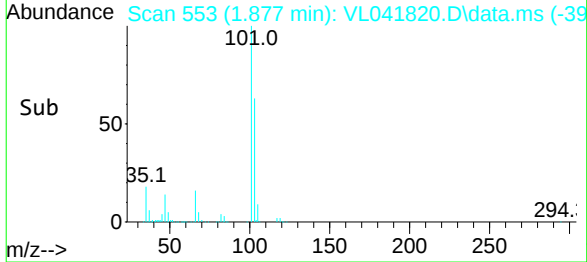
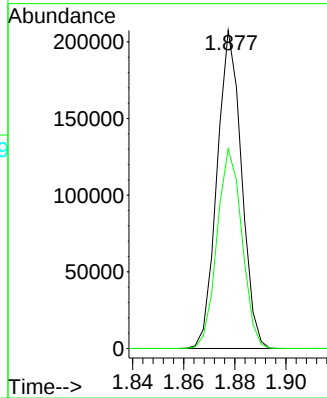
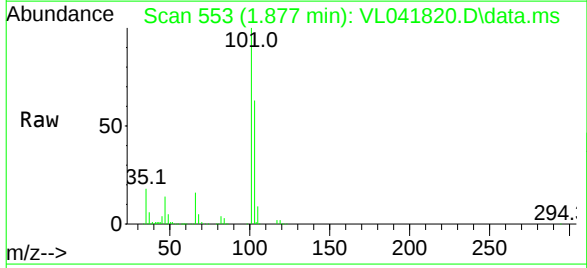
#11
Trichlorofluoromethane
Concen: 9.041 ppbv
RT: 1.877 min Scan# 552
Delta R.T. 0.003 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

Instrument :
MSVOA_L
ClientSampleId :
VL1219ABS01

Tgt Ion:101 Resp: 138063
Ion Ratio Lower Upper
101 100
103 62.8 51.8 77.8

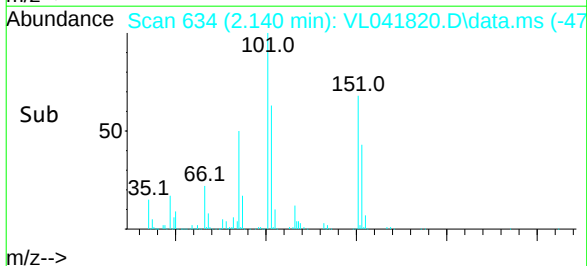
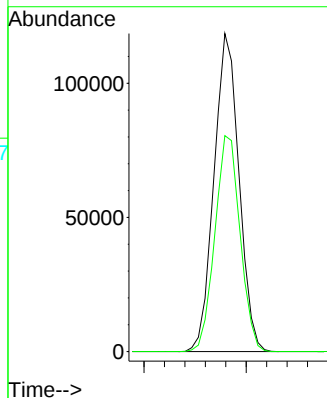
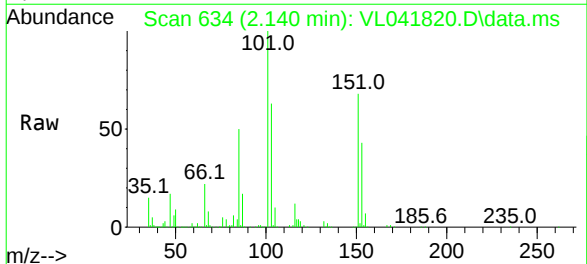
Manual Integrations
APPROVED

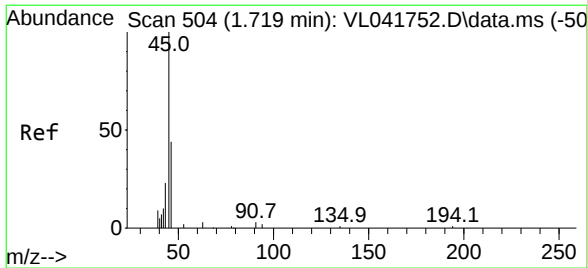
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.671 ppbv
RT: 2.140 min Scan# 634
Delta R.T. 0.003 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

Tgt Ion:101 Resp: 100710
Ion Ratio Lower Upper
101 100
151 68.4 56.8 85.2





#13

Ethanol

Concen: 7.501 ppbv

RT: 1.722 min Scan# 50

Delta R.T. 0.003 min

Lab File: VL041820.D

Acq: 19 Dec 2024 14:49

Instrument :

MSVOA_L

ClientSampleId :

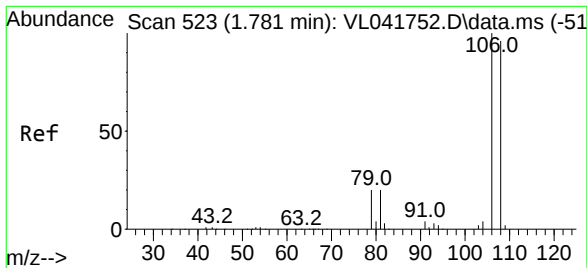
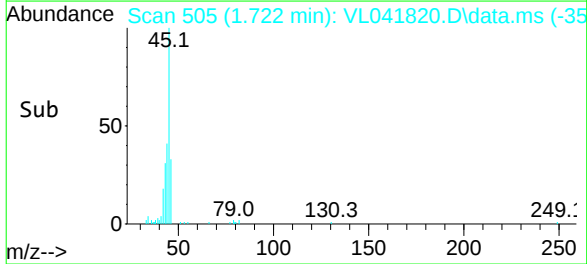
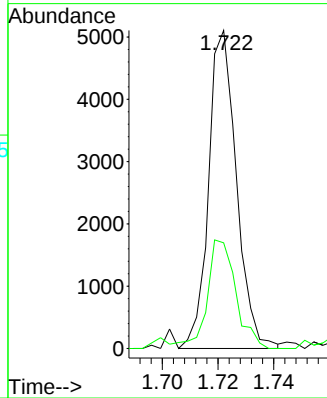
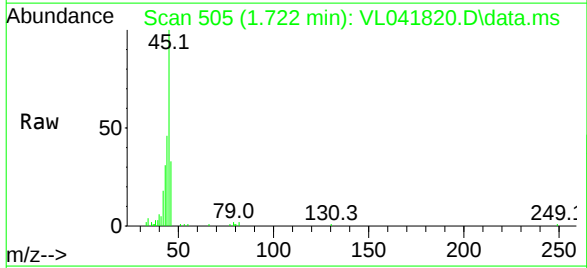
VL1219ABS01

Tgt Ion: 45 Resp: 3547

Ion	Ratio	Lower	Upper
45	100		
46	36.9	16.4	65.8

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#14

Bromoethene

Concen: 8.594 ppbv

RT: 1.784 min Scan# 524

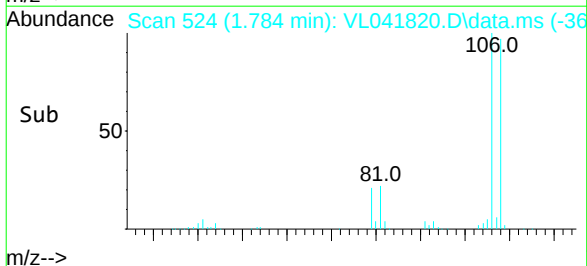
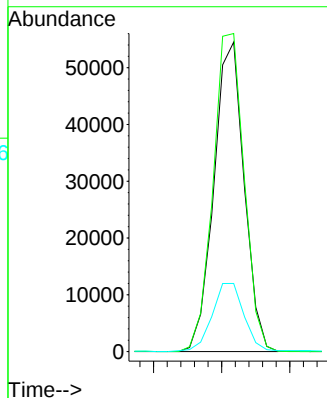
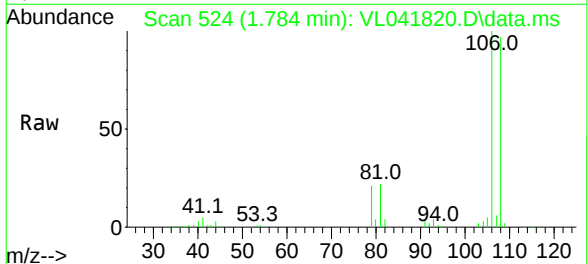
Delta R.T. 0.003 min

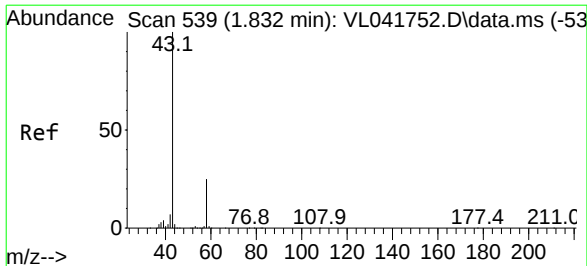
Lab File: VL041820.D

Acq: 19 Dec 2024 14:49

Tgt Ion:108 Resp: 33699

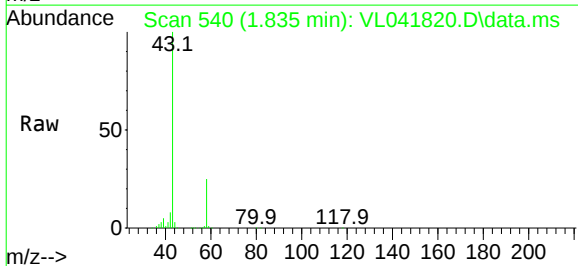
Ion	Ratio	Lower	Upper
108	100		
106	105.4	84.1	126.1
79	24.4	17.4	26.0





#15
Acetone
Concen: 7.670 ppbv
RT: 1.835 min Scan# 54
Delta R.T. 0.003 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

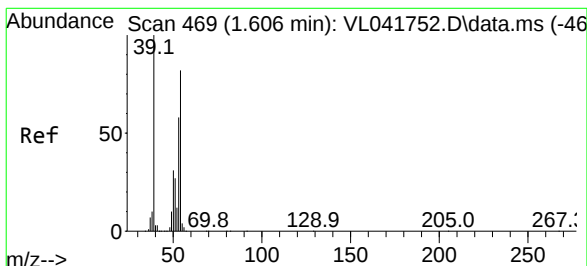
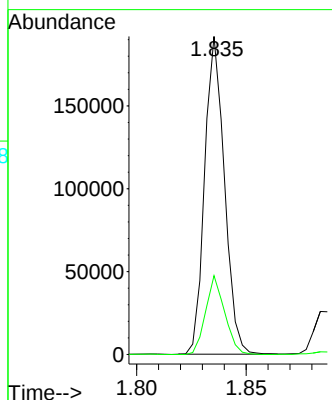
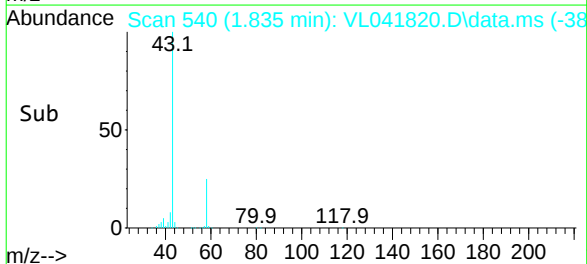
Instrument :
MSVOA_L
ClientSampleId :
VL1219ABS01



Tgt Ion: 43 Resp: 120575
Ion Ratio Lower Upper
43 100
58 24.0 19.7 29.5

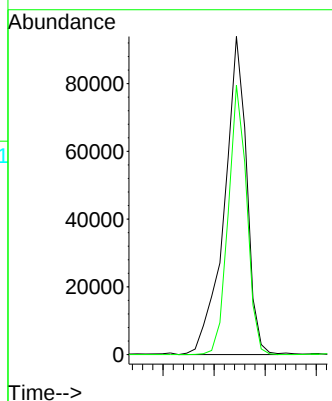
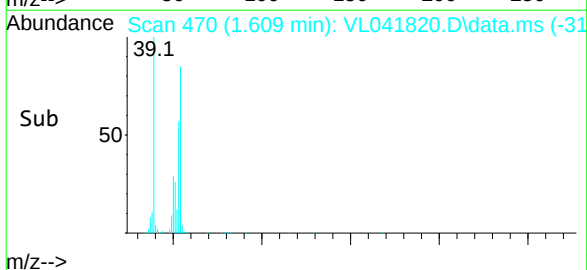
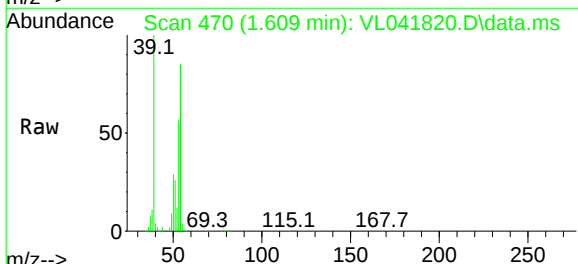
Manual Integrations
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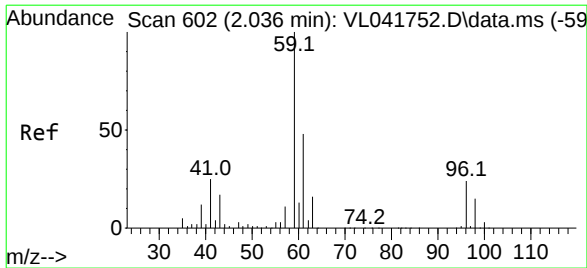
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#16
1,3-Butadiene
Concen: 9.244 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.003 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

Tgt Ion: 39 Resp: 57220
Ion Ratio Lower Upper
39 100
54 70.0 58.4 87.6





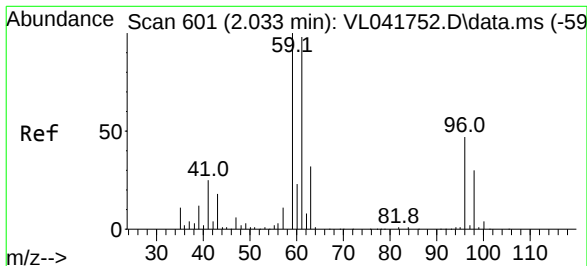
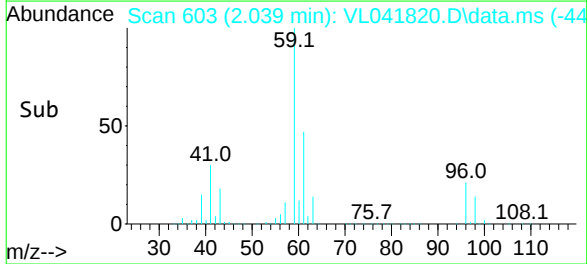
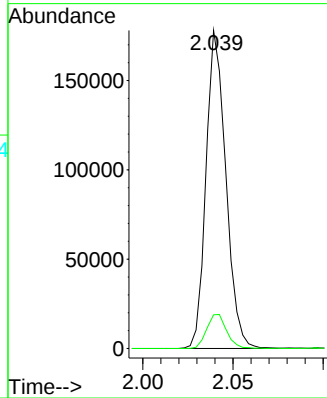
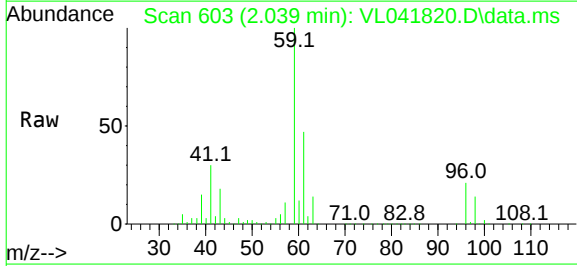
#17
tert-Butyl alcohol
Concen: 8.738 ppbv
RT: 2.039 min Scan# 602
Delta R.T. 0.003 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

Instrument :
MSVOA_1
ClientSampleId :
VL1219ABS01

Tgt Ion: 59 Resp: 136270
Ion Ratio Lower Upper
59 100
57 10.8 8.6 13.0

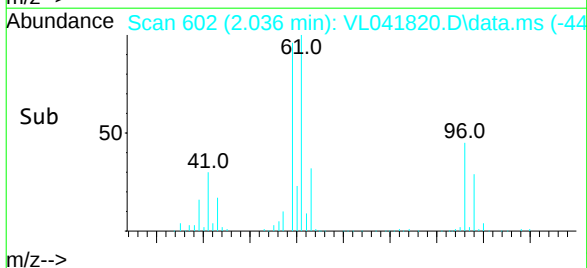
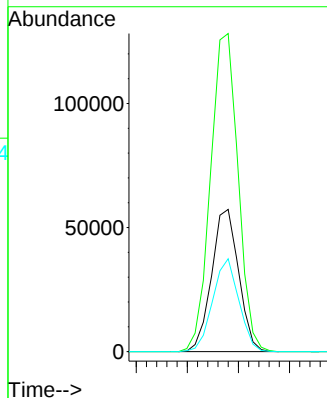
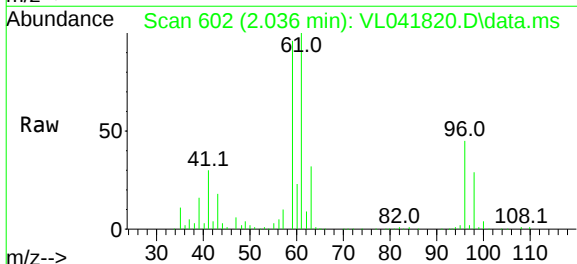
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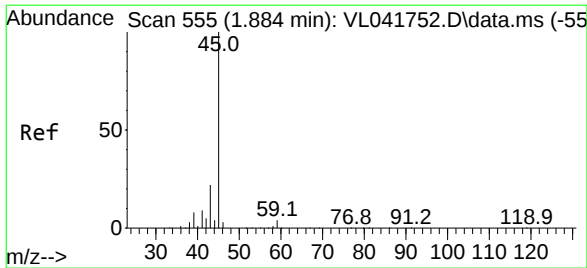
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#18
1,1-Dichloroethene
Concen: 8.662 ppbv
RT: 2.036 min Scan# 602
Delta R.T. 0.003 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

Tgt Ion: 96 Resp: 42177
Ion Ratio Lower Upper
96 100
61 223.7 167.7 251.5
98 65.3 51.1 76.7





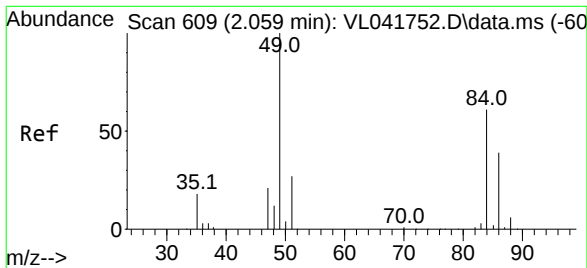
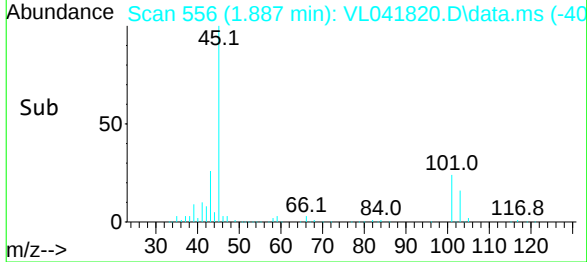
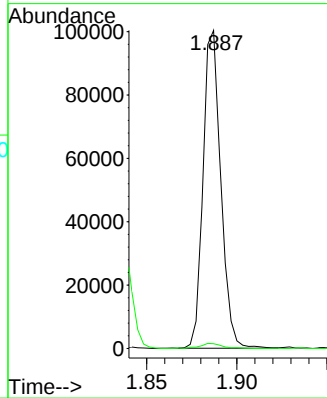
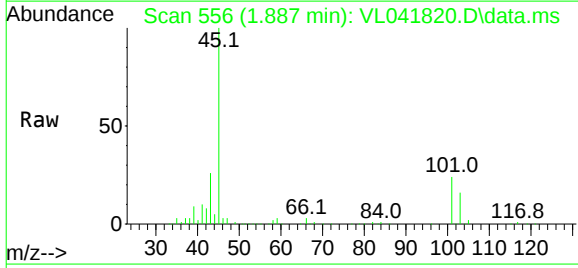
#19
Isopropyl Alcohol
Concen: 7.268 ppbv
RT: 1.887 min Scan# 555
Delta R.T. 0.003 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

Instrument :
MSVOA_L
ClientSampleId :
VL1219ABS01

Tgt Ion: 45 Resp: 68559
Ion Ratio Lower Upper
45 100
58 2.1 33.3 49.9#

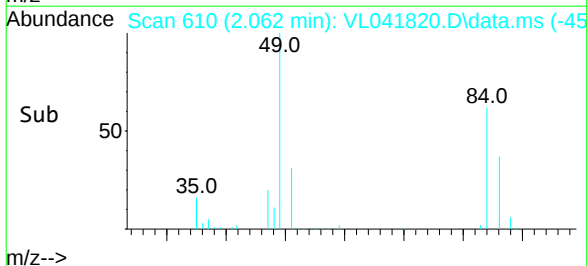
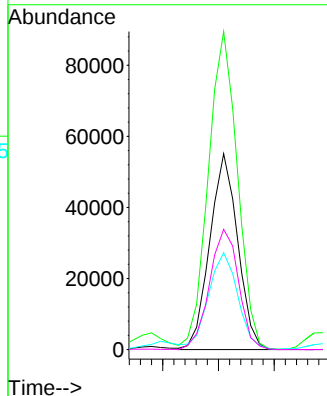
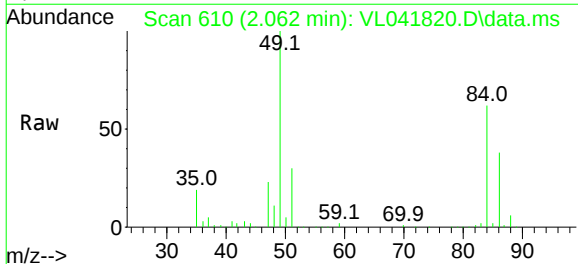
Manual Integrations
APPROVED

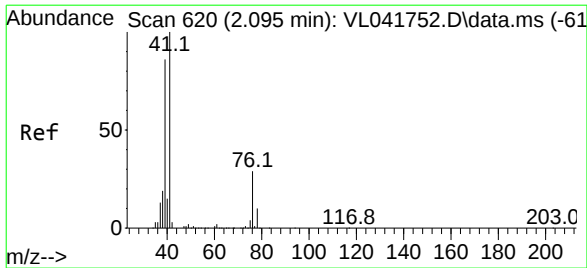
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#20
Methylene Chloride
Concen: 8.557 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

Tgt Ion: 84 Resp: 38360
Ion Ratio Lower Upper
84 100
49 162.2 132.6 198.8
51 49.3 37.6 56.4
86 61.4 51.4 77.0





#21

Allyl Chloride

Concen: 9.272 ppbv

RT: 2.097 min Scan# 621

Delta R.T. 0.003 min

Lab File: VL041820.D

Acq: 19 Dec 2024 14:49

Instrument :

MSVOA_L

ClientSampleId :

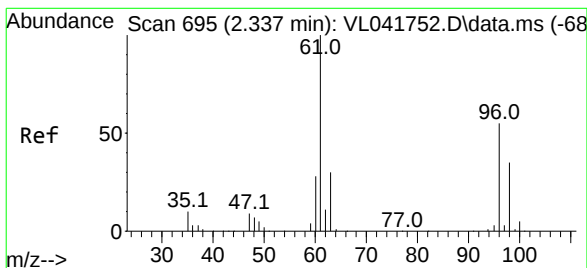
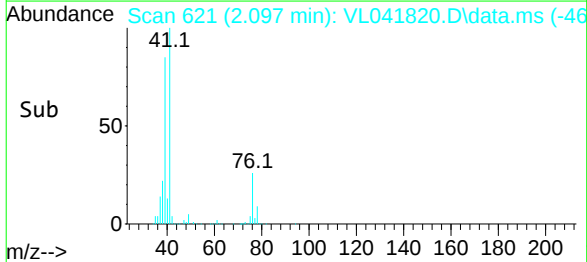
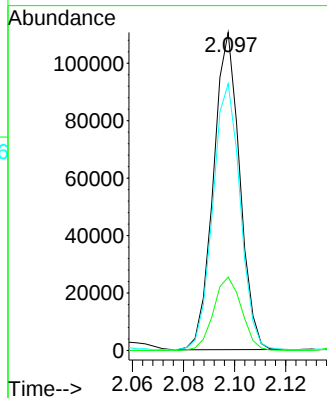
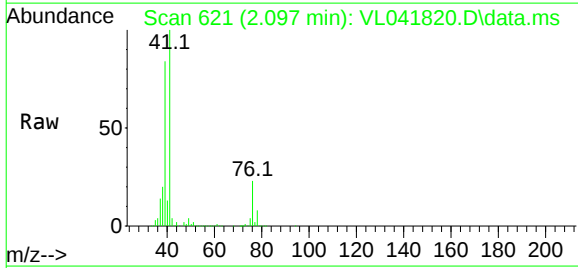
VL1219ABS01

Tgt Ion:	41	Resp:	79053
Ion	Ratio	Lower	Upper
41	100		
76	24.6	22.3	33.5
39	87.0	69.2	103.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#22

trans-1,2-Dichloroethene

Concen: 8.419 ppbv

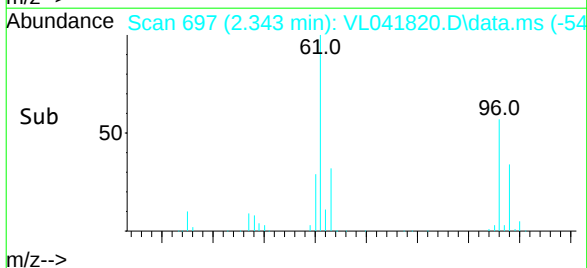
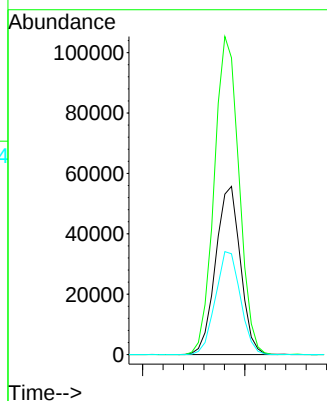
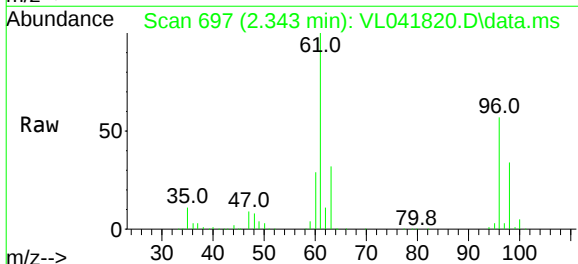
RT: 2.343 min Scan# 697

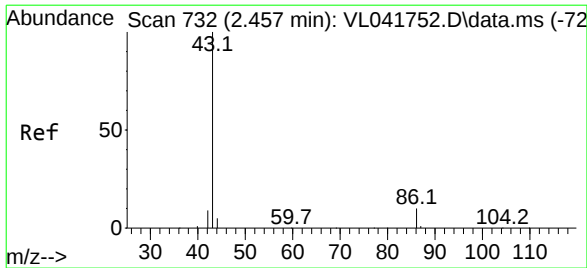
Delta R.T. 0.006 min

Lab File: VL041820.D

Acq: 19 Dec 2024 14:49

Tgt Ion:	96	Resp:	46926
Ion	Ratio	Lower	Upper
96	100		
61	176.4	146.3	219.5
98	59.9	50.8	76.2





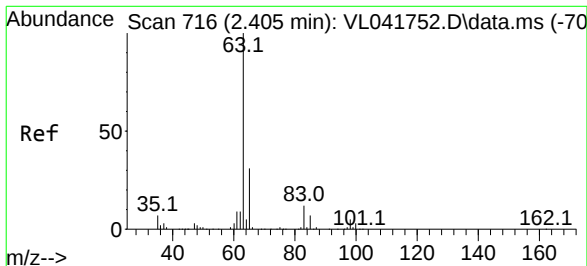
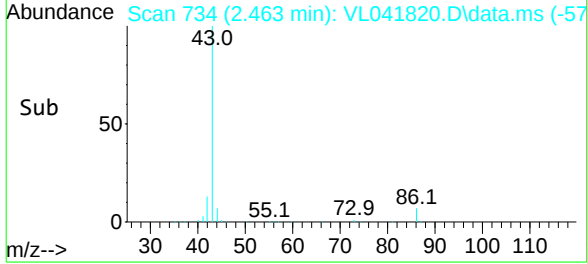
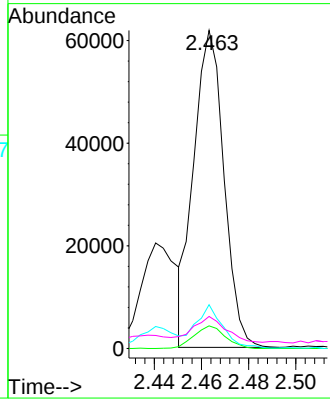
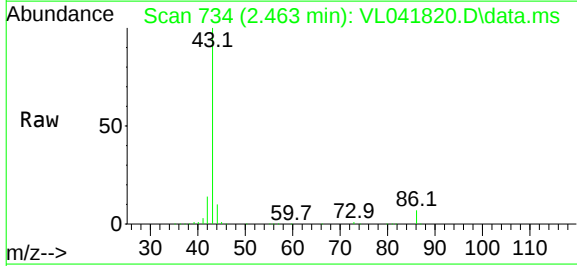
#23
 Vinyl Acetate
 Concen: 7.532 ppbv
 RT: 2.463 min Scan# 732
 Delta R.T. 0.006 min
 Lab File: VL041820.D
 Acq: 19 Dec 2024 14:49

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1219ABS01

Tgt Ion:	43	Resp:	54979
Ion	Ratio	Lower	Upper
43	100		
86	7.1	6.6	10.0
42	13.6	8.2	12.2
44	7.7	5.0	7.4

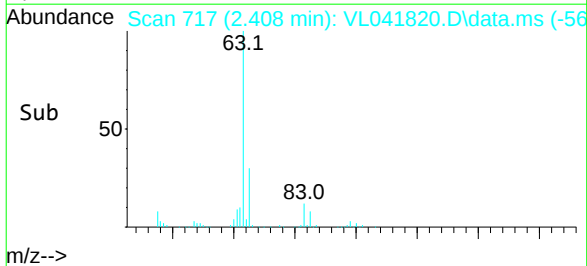
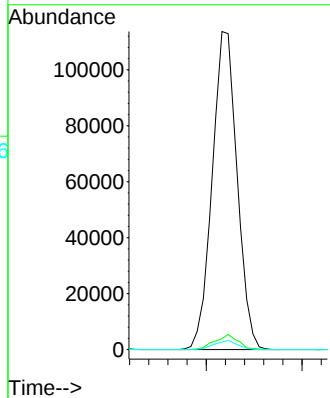
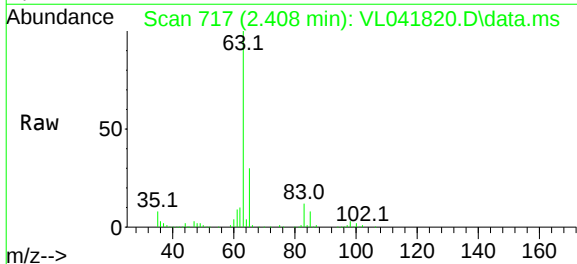
Manual Integrations
 APPROVED

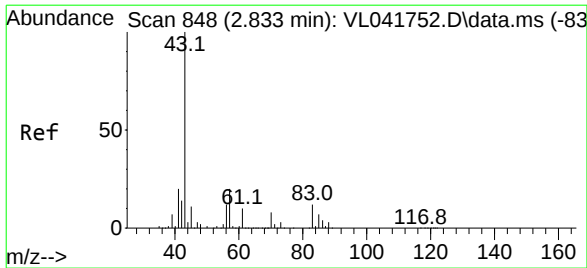
Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#24
 1,1-Dichloroethane
 Concen: 9.115 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. 0.003 min
 Lab File: VL041820.D
 Acq: 19 Dec 2024 14:49

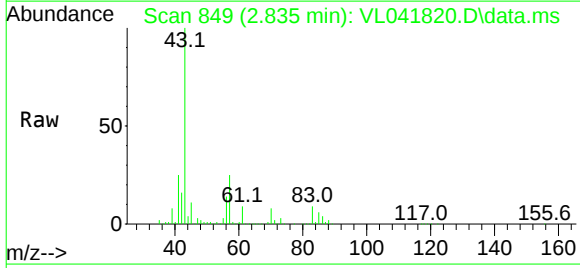
Tgt Ion:	63	Resp:	102839
Ion	Ratio	Lower	Upper
63	100		
98	3.4	2.3	6.8
100	2.3	1.4	4.2





#25
Ethyl Acetate
Concen: 9.050 ppbv
RT: 2.835 min Scan# 84
Delta R.T. 0.003 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

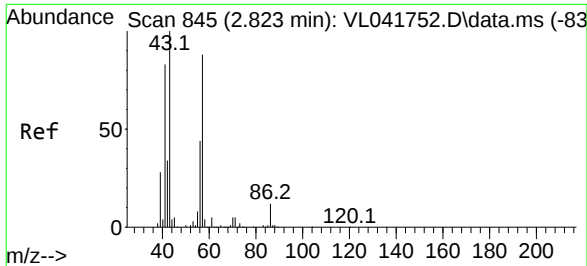
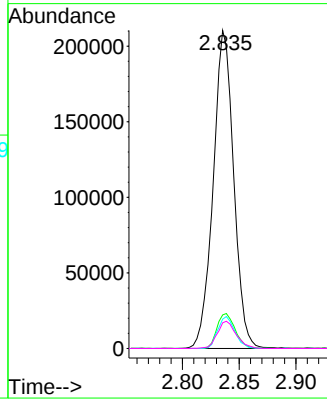
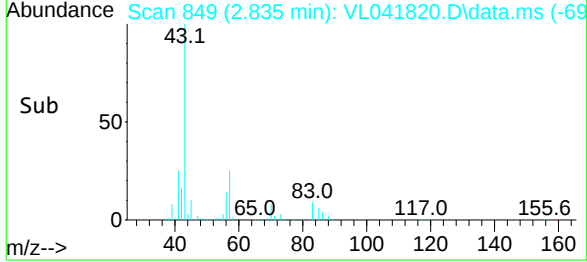
Instrument :
MSVOA_L
ClientSampleId :
VL1219ABS01



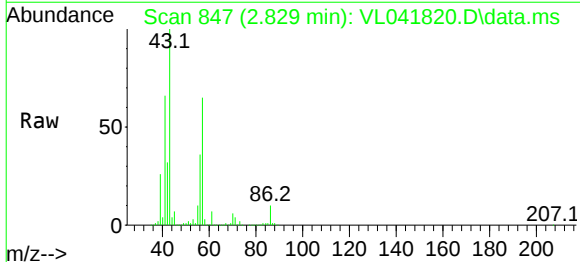
Tgt Ion: 43 Resp: 264649
Ion Ratio Lower Upper
43 100
45 9.8 8.1 12.1
61 8.4 7.0 10.6
70 7.9 6.5 9.7

Manual Integrations
APPROVED

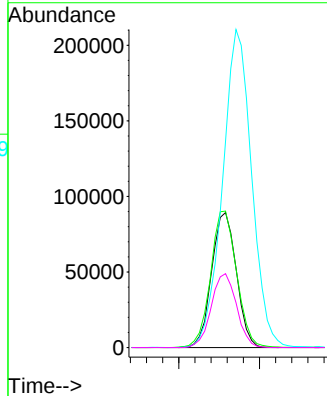
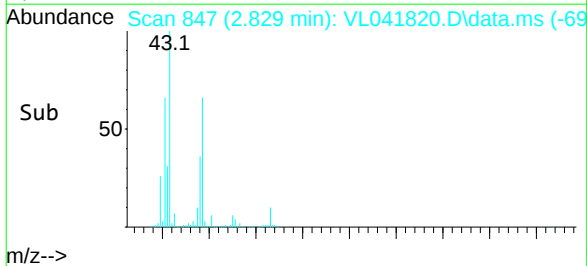
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

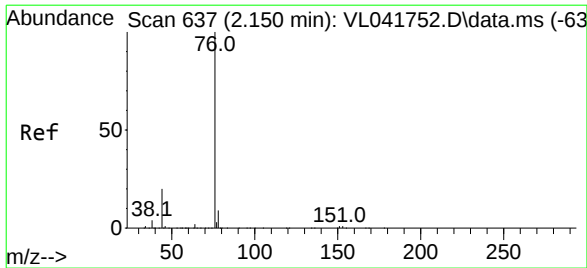


#26
Hexane
Concen: 8.561 ppbv
RT: 2.829 min Scan# 847
Delta R.T. 0.006 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49



Tgt Ion: 57 Resp: 95013
Ion Ratio Lower Upper
57 100
41 107.2 79.6 119.4
43 278.5 211.0 316.6
56 56.1 42.6 63.8





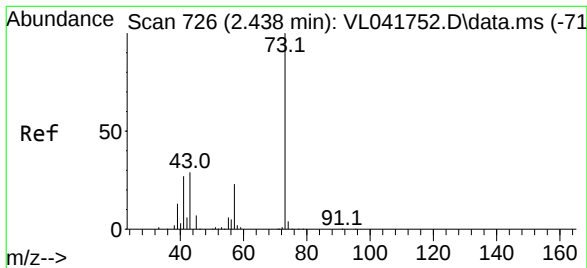
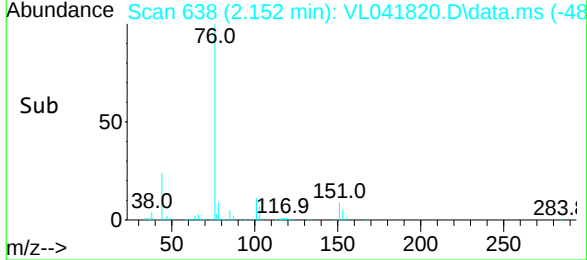
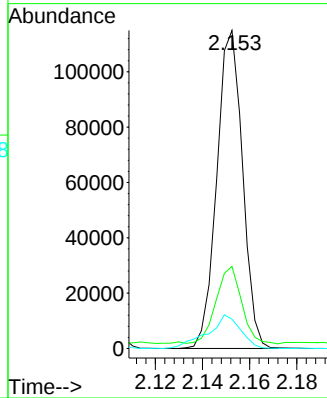
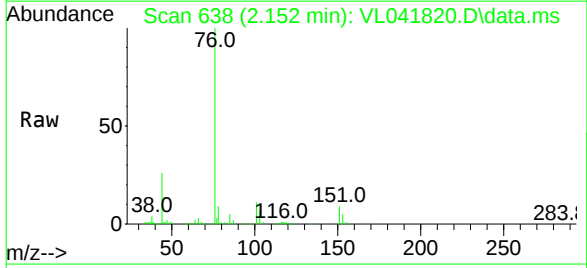
#27
Carbon Disulfide
Concen: 8.724 ppbv
RT: 2.152 min Scan# 637
Delta R.T. 0.003 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

Instrument :
MSVOA_L
ClientSampleId :
VL1219ABS01

Tgt Ion: 76 Resp: 87254
Ion Ratio Lower Upper
76 100
44 25.1 17.6 26.4
78 13.4 10.2 15.4

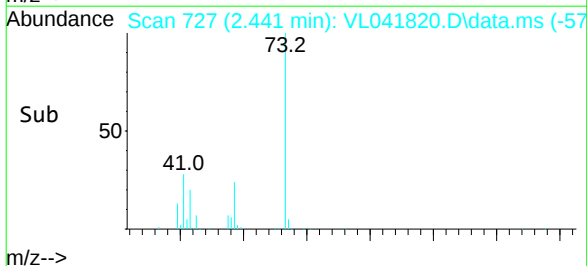
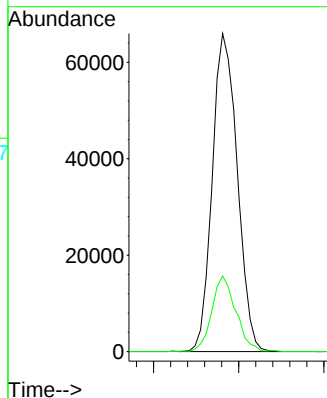
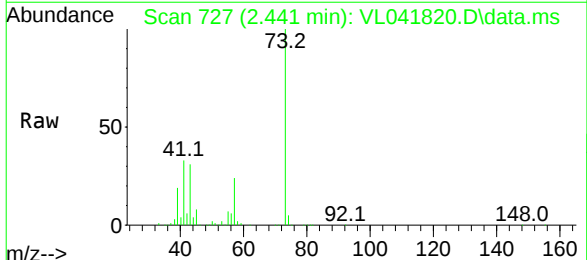
Manual Integrations
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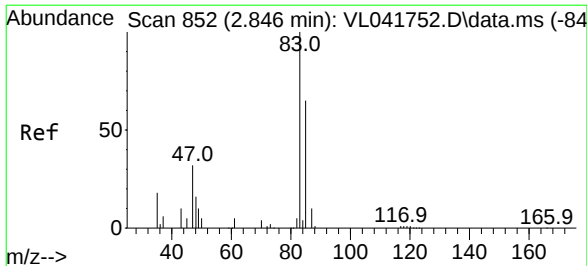
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#28
Methyl tert-Butyl Ether
Concen: 7.462 ppbv
RT: 2.441 min Scan# 727
Delta R.T. 0.003 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

Tgt Ion: 73 Resp: 67180
Ion Ratio Lower Upper
73 100
57 23.0 17.6 26.4





#29

Chloroform

Concen: 9.203 ppbv

RT: 2.848 min Scan# 85

Delta R.T. 0.003 min

Lab File: VL041820.D

Acq: 19 Dec 2024 14:49

Instrument :

MSVOA_L

ClientSampleId :

VL1219ABS01

Tgt Ion: 83 Resp: 155646

Ion Ratio Lower Upper

83 100

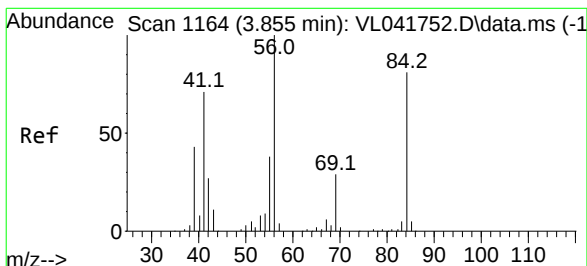
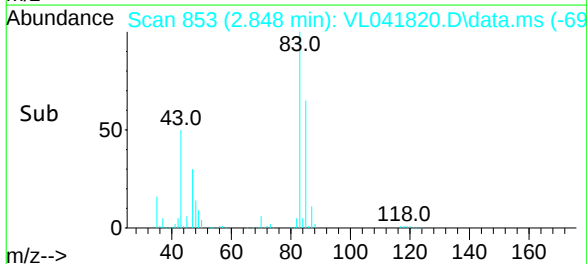
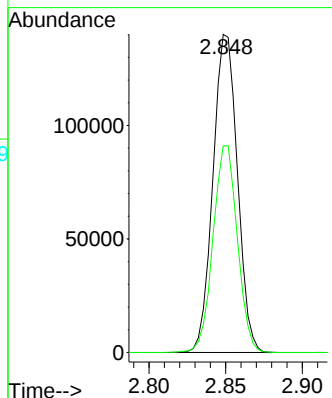
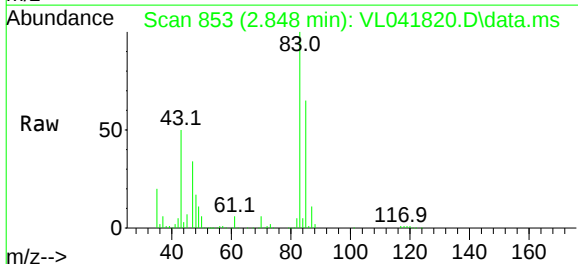
85 64.9 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#30

Cyclohexane

Concen: 8.127 ppbv

RT: 3.858 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VL041820.D

Acq: 19 Dec 2024 14:49

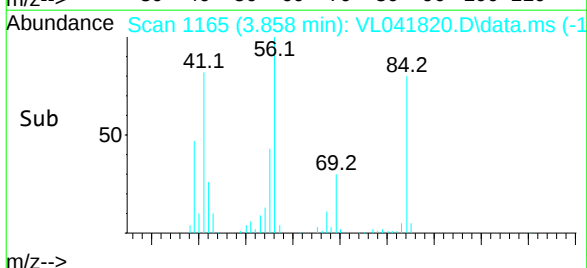
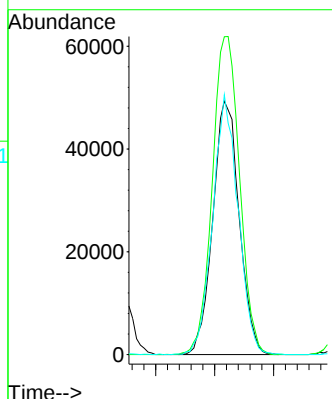
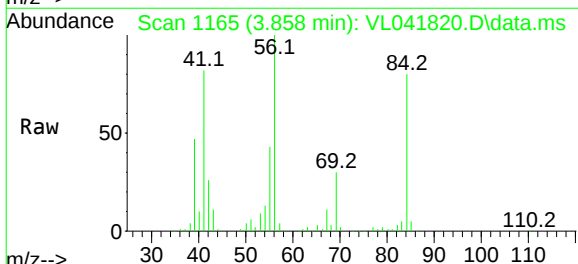
Tgt Ion: 84 Resp: 76745

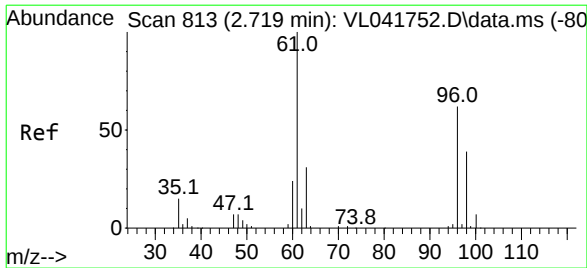
Ion Ratio Lower Upper

84 100

56 129.6 102.3 153.5

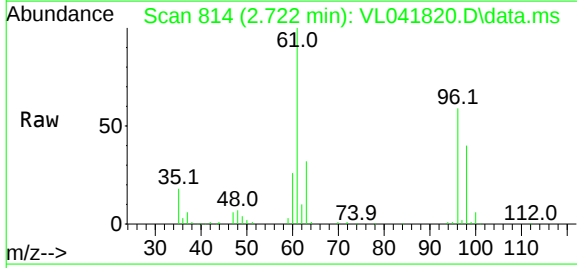
41 98.4 74.0 111.0





#31
 cis-1,2-Dichloroethene
 Concen: 8.248 ppbv
 RT: 2.722 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VL041820.D
 Acq: 19 Dec 2024 14:49

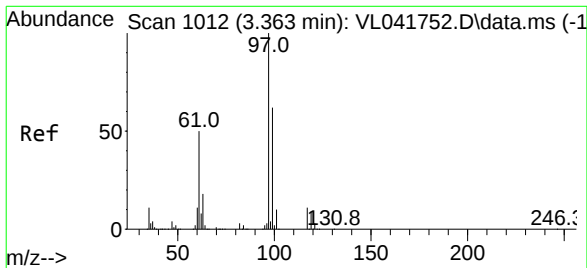
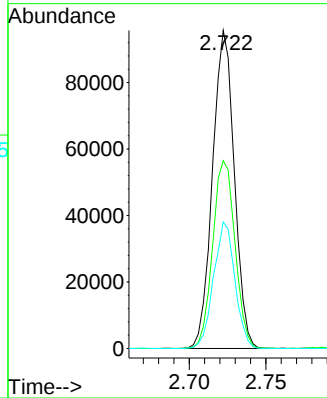
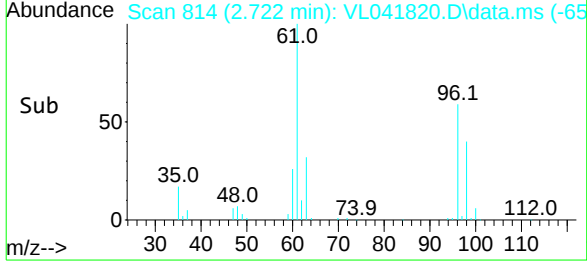
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1219ABS01



Tgt Ion: 61 Resp: 94585
 Ion Ratio Lower Upper
 61 100
 96 59.1 49.7 74.5
 98 39.8 30.8 46.2

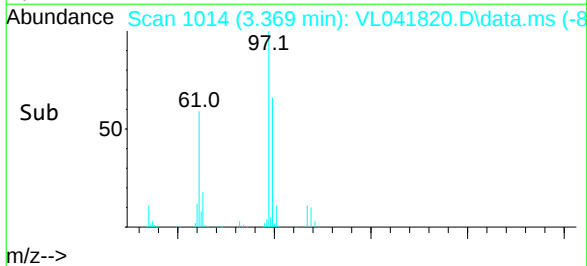
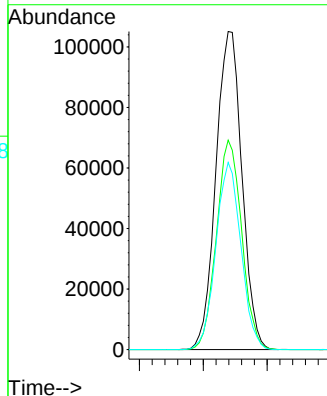
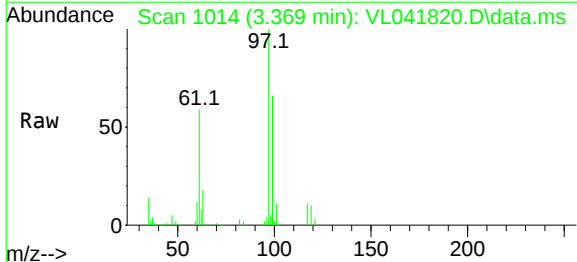
Manual Integrations
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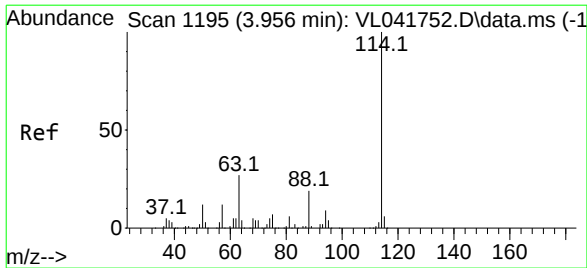
Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#32
 1,1,1-Trichloroethane
 Concen: 8.666 ppbv
 RT: 3.369 min Scan# 1014
 Delta R.T. 0.006 min
 Lab File: VL041820.D
 Acq: 19 Dec 2024 14:49

Tgt Ion: 97 Resp: 149002
 Ion Ratio Lower Upper
 97 100
 99 63.9 51.0 76.4
 61 56.6 42.2 63.2





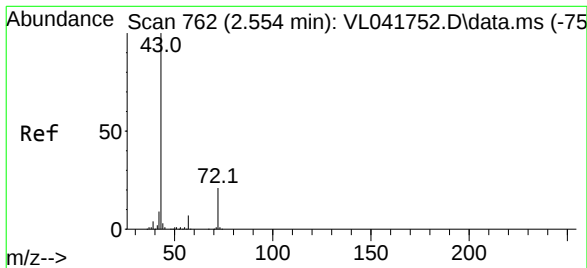
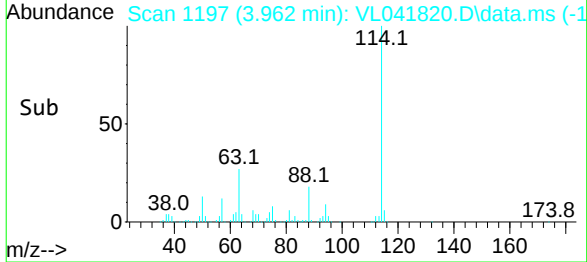
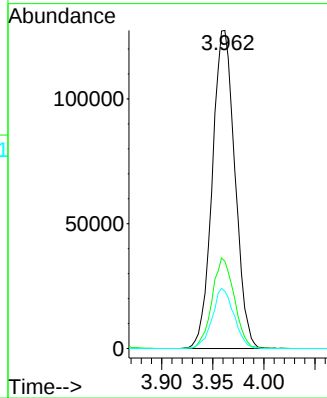
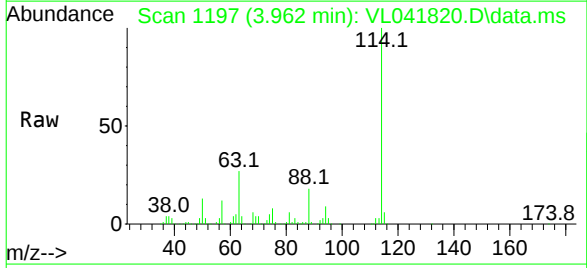
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

Instrument :
MSVOA_L
ClientSampleId :
VL1219ABS01

Tgt Ion:114 Resp: 195963
Ion Ratio Lower Upper
114 100
63 27.9 21.8 32.8
88 18.1 14.8 22.2

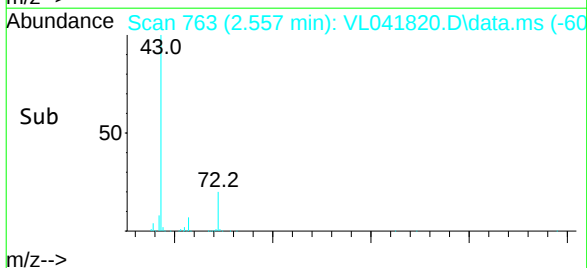
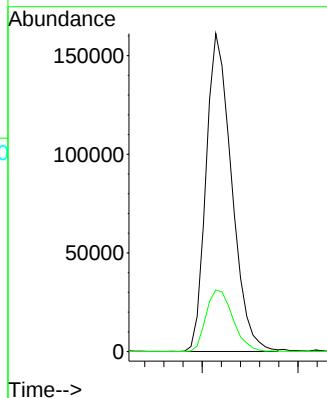
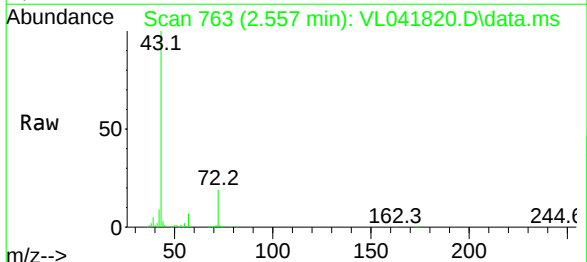
Manual Integrations
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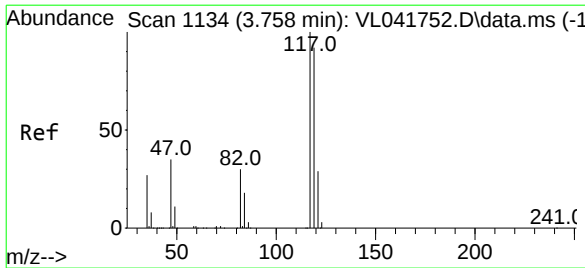
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#34
2-Butanone
Concen: 9.479 ppbv
RT: 2.557 min Scan# 763
Delta R.T. 0.003 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

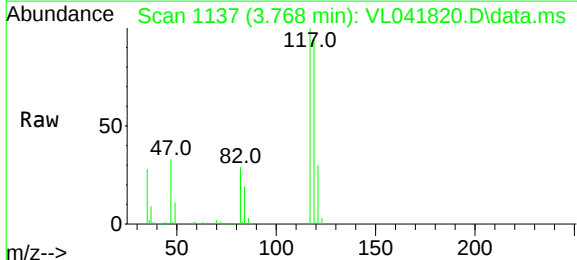
Tgt Ion: 43 Resp: 149437
Ion Ratio Lower Upper
43 100
72 20.5 16.8 25.2





#35
Carbon Tetrachloride
Concen: 10.888 ppbv
RT: 3.768 min Scan# 11
Delta R.T. 0.009 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

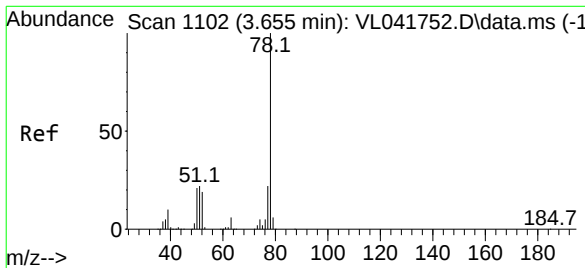
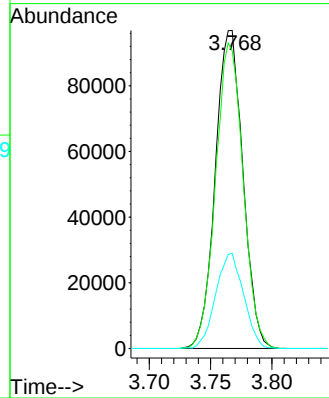
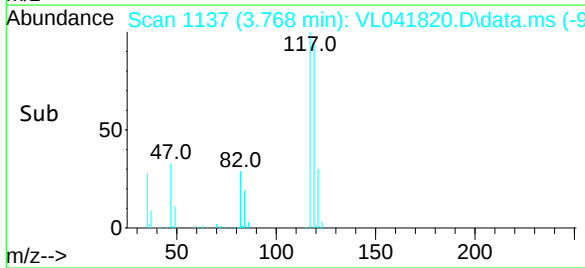
Instrument :
MSVOA_L
ClientSampleId :
VL1219ABS01



Tgt Ion:117 Resp: 151465
Ion Ratio Lower Upper
117 100
119 93.6 73.7 110.5
121 30.0 23.0 34.4

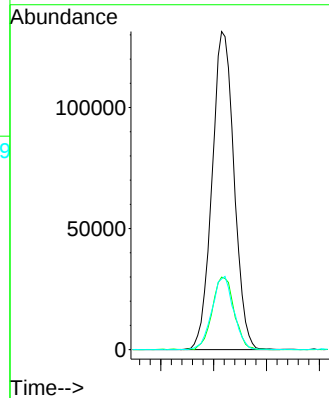
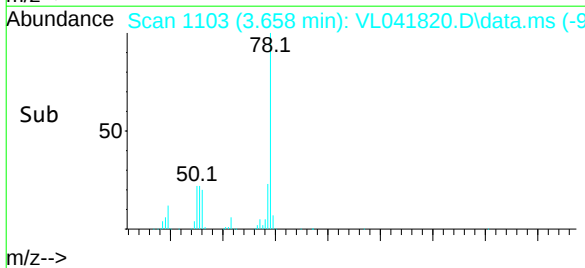
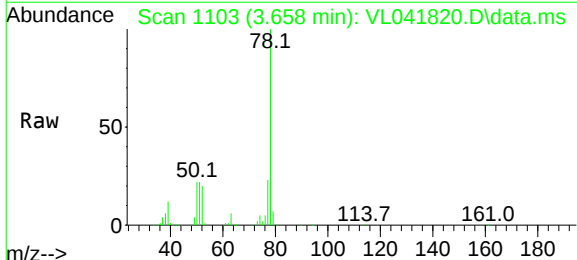
Manual Integrations
APPROVED

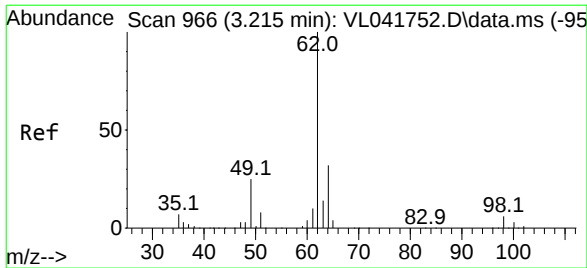
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#36
Benzene
Concen: 9.372 ppbv
RT: 3.658 min Scan# 1103
Delta R.T. 0.003 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

Tgt Ion: 78 Resp: 189976
Ion Ratio Lower Upper
78 100
77 22.8 17.8 26.6
50 22.2 17.2 25.8





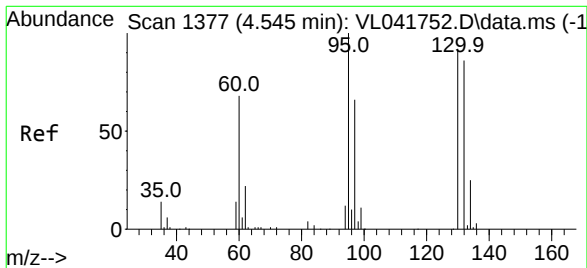
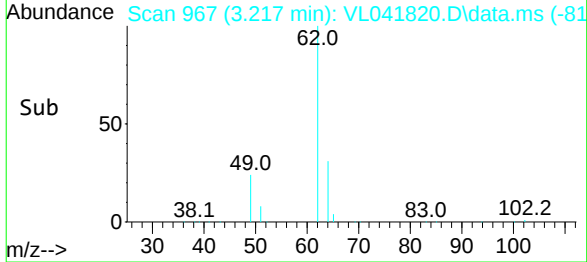
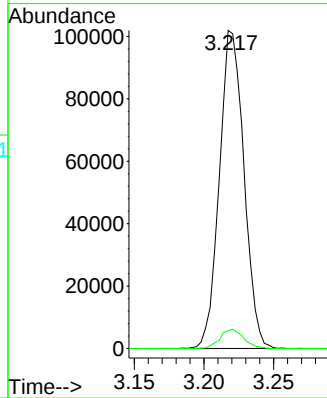
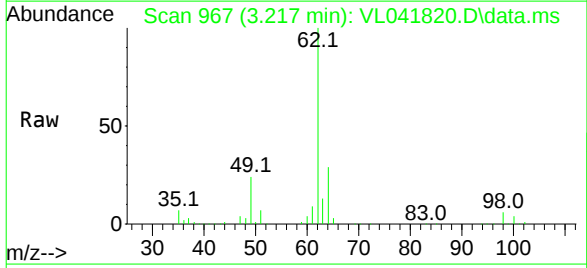
#37
1,2-Dichloroethane
Concen: 9.899 ppbv
RT: 3.217 min Scan# 966
Delta R.T. 0.003 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

Instrument :
MSVOA_L
ClientSampleId :
VL1219ABS01

Tgt Ion: 62 Resp: 124857
Ion Ratio Lower Upper
62 100
98 5.8 4.7 7.1

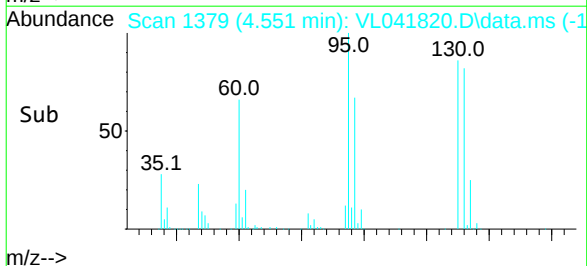
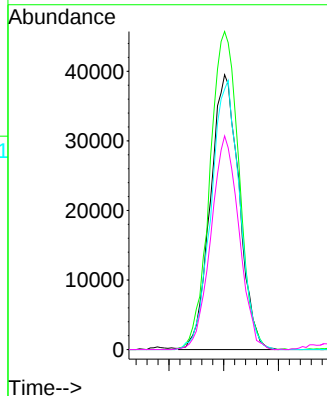
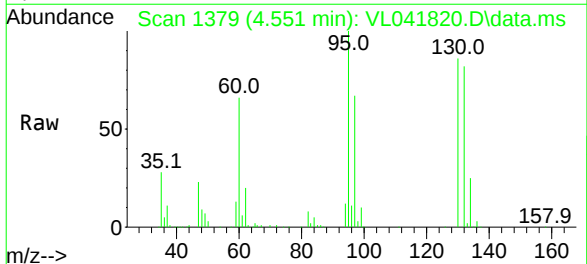
Manual Integrations
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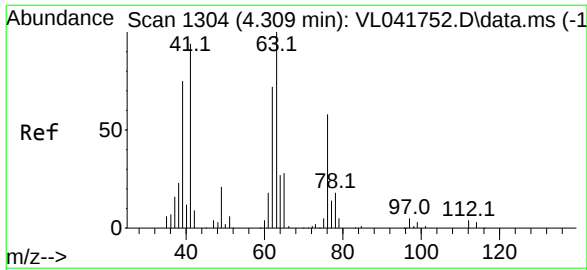
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#38
Trichloroethene
Concen: 8.349 ppbv
RT: 4.551 min Scan# 1379
Delta R.T. 0.006 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

Tgt Ion:130 Resp: 71837
Ion Ratio Lower Upper
130 100
95 115.6 87.0 130.6
132 94.7 75.0 112.6
97 77.7 57.2 85.8





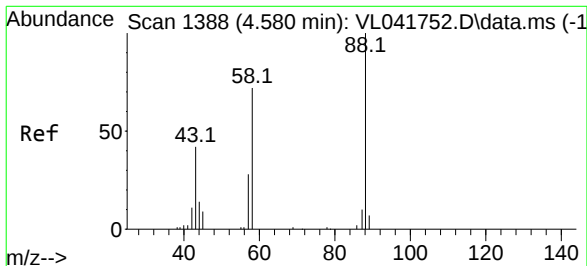
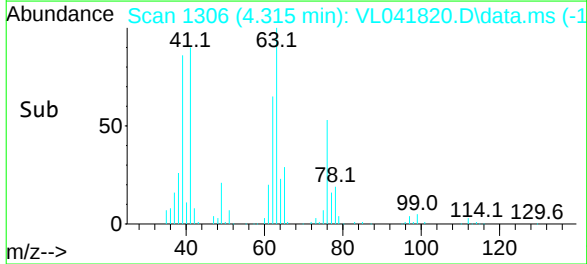
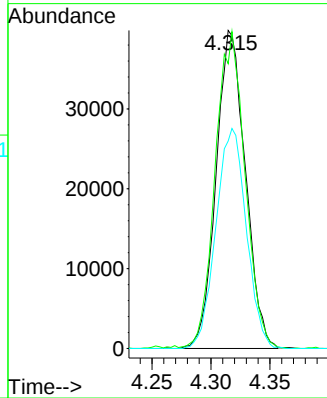
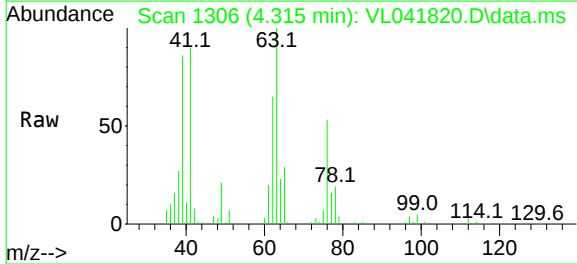
#39
1,2-Dichloropropane
Concen: 9.370 ppbv
RT: 4.315 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

Instrument :
MSVOA_L
ClientSampleId :
VL1219ABS01

Tgt Ion: 63 Resp: 68691
Ion Ratio Lower Upper
63 100
41 89.2 75.3 112.9
62 65.2 57.3 85.9

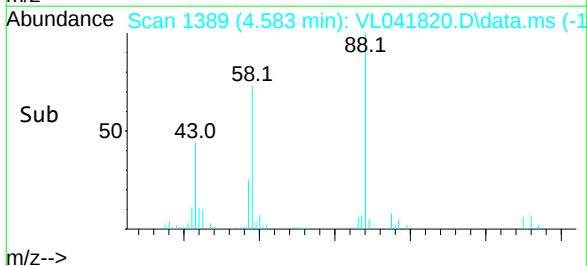
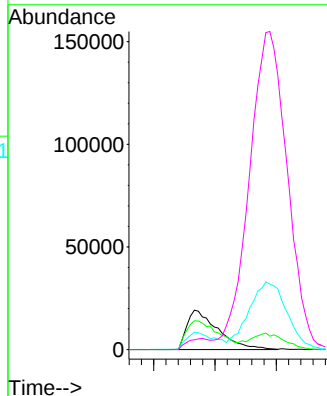
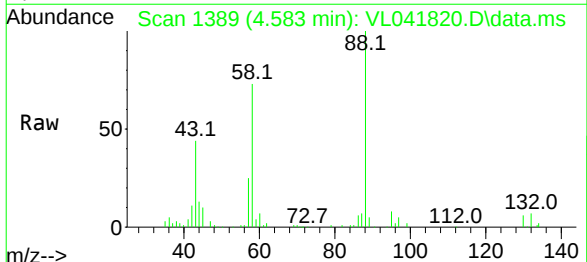
Manual Integrations
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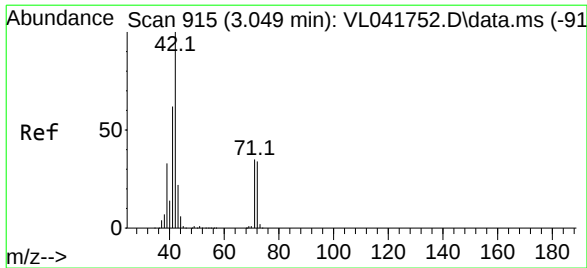
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#40
1,4-Dioxane
Concen: 9.431 ppbv
RT: 4.583 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

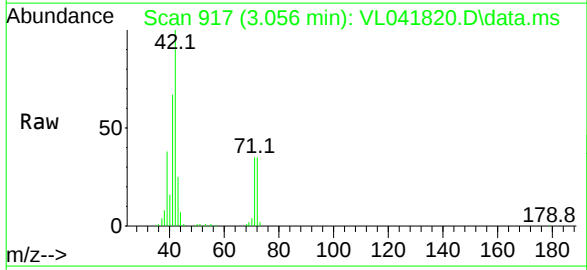
Tgt Ion: 88 Resp: 33777
Ion Ratio Lower Upper
88 100
58 78.8 61.0 91.6
43 36.3 29.4 44.0
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 9.124 ppbv
RT: 3.056 min Scan# 91
Delta R.T. 0.006 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

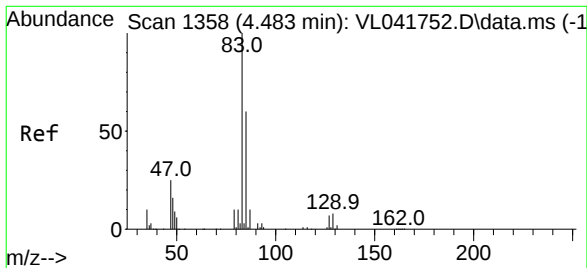
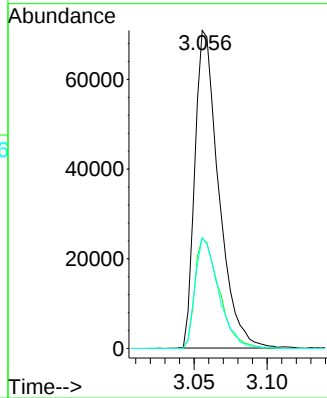
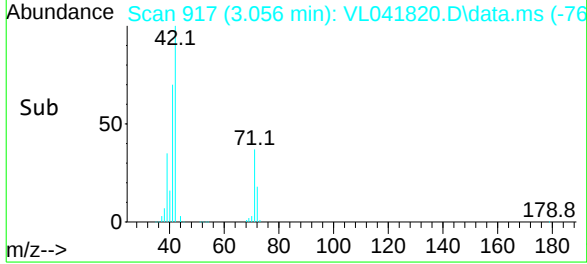
Instrument :
MSVOA_L
ClientSampleId :
VL1219ABS01



Tgt Ion: 42 Resp: 80588
Ion Ratio Lower Upper
42 100
72 35.1 29.1 43.7
71 34.4 28.4 42.6

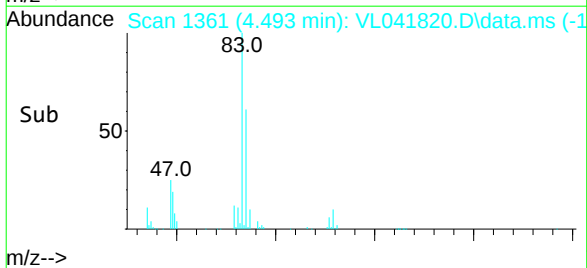
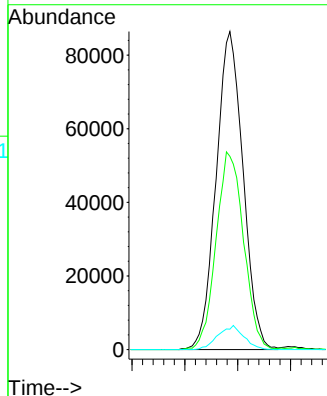
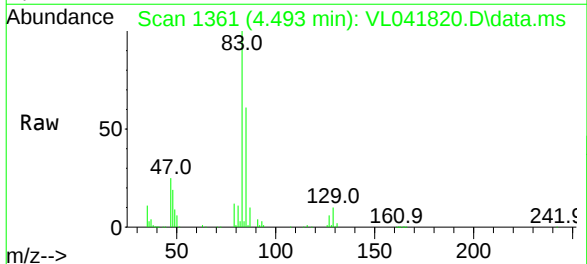
Manual Integrations
APPROVED

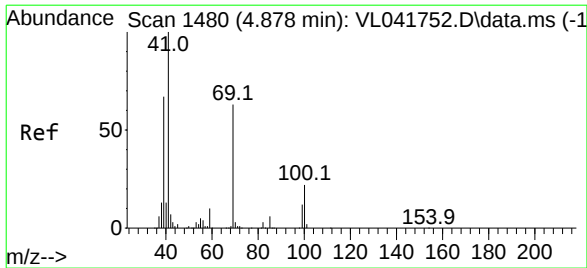
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#42
Bromodichloromethane
Concen: 10.548 ppbv
RT: 4.493 min Scan# 1361
Delta R.T. 0.009 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

Tgt Ion: 83 Resp: 153057
Ion Ratio Lower Upper
83 100
85 60.7 48.0 72.0
127 6.4 5.8 8.8





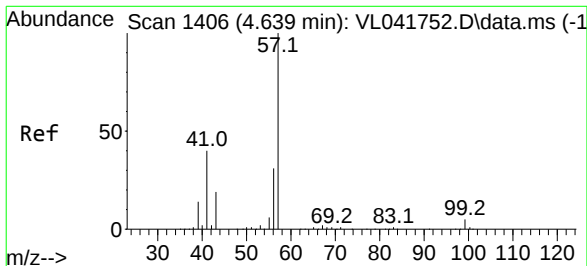
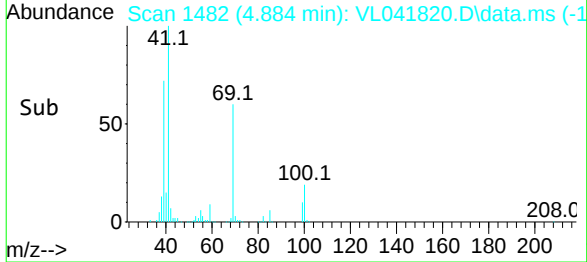
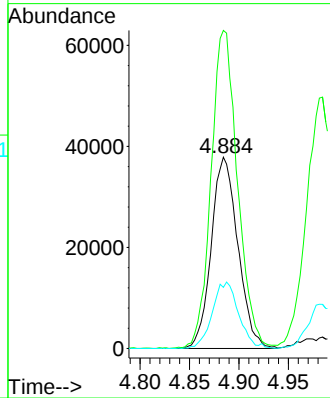
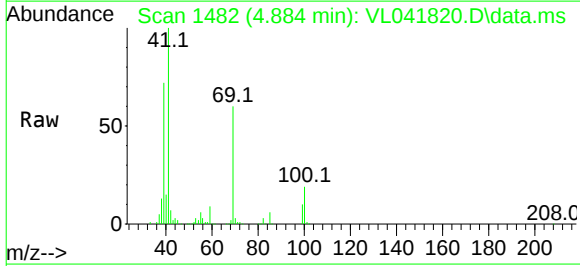
#43
Methyl Methacrylate
Concen: 9.189 ppbv
RT: 4.884 min Scan# 1480
Delta R.T. 0.006 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

Instrument :
MSVOA_L
ClientSampleId :
VL1219ABS01

Tgt Ion: 69 Resp: 70969
Ion Ratio Lower Upper
69 100
41 165.4 130.3 195.5
100 34.5 28.3 42.5

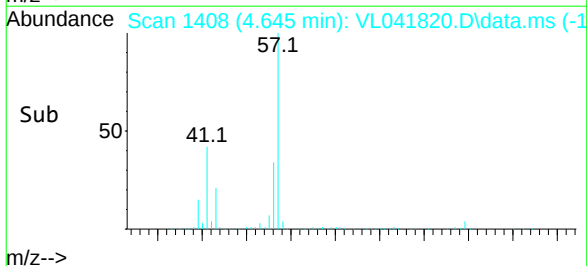
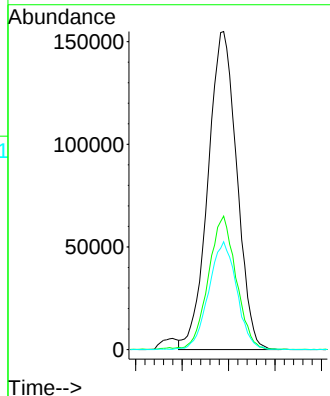
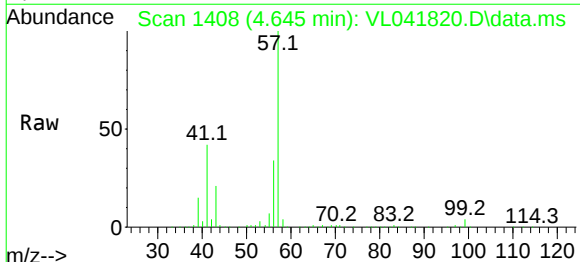
Manual Integrations
APPROVED

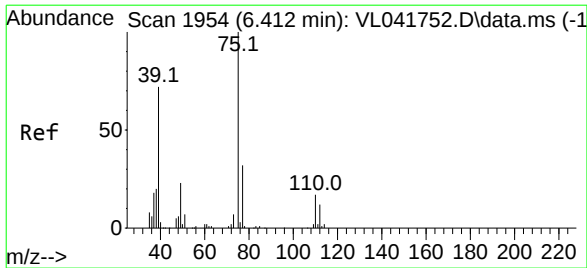
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#44
2,2,4-Trimethylpentane
Concen: 9.656 ppbv
RT: 4.645 min Scan# 1408
Delta R.T. 0.006 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

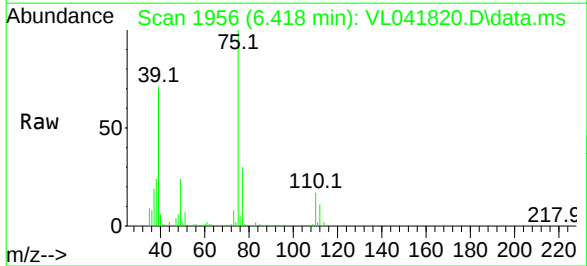
Tgt Ion: 57 Resp: 334274
Ion Ratio Lower Upper
57 100
41 40.8 30.7 46.1
56 33.0 25.4 38.0





#45
 t-1,3-Dichloropropene
 Concen: 8.408 ppbv
 RT: 6.418 min Scan# 1954
 Delta R.T. 0.006 min
 Lab File: VL041820.D
 Acq: 19 Dec 2024 14:49

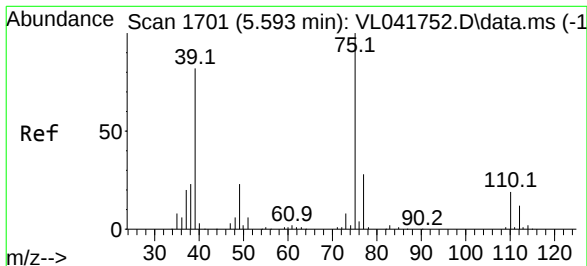
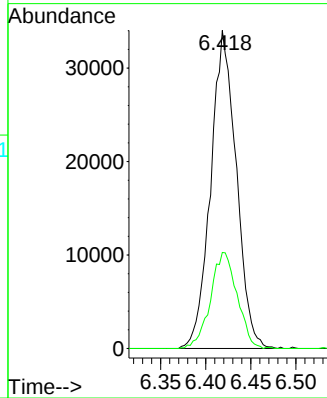
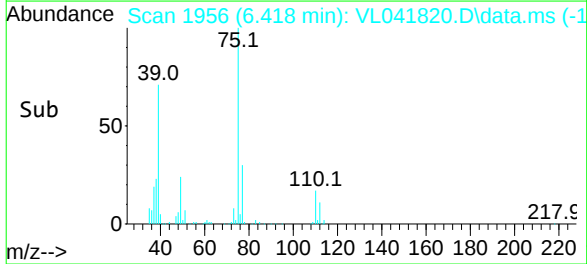
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1219ABS01



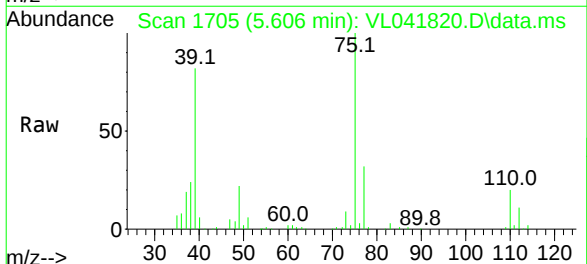
Tgt Ion: 75 Resp: 67173
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.9 38.9

Manual Integrations
 APPROVED

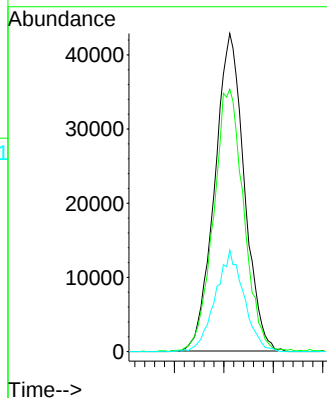
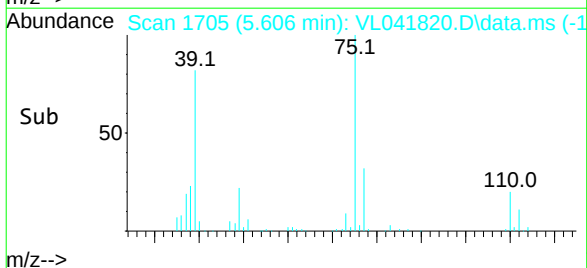
Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024

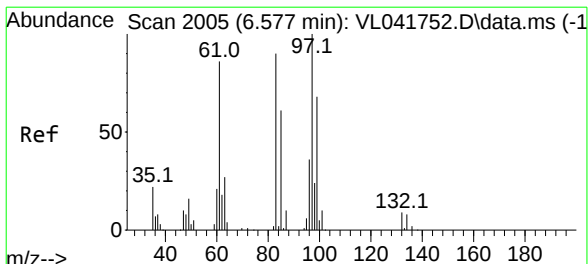


#46
 cis-1,3-Dichloropropene
 Concen: 8.771 ppbv
 RT: 5.606 min Scan# 1705
 Delta R.T. 0.013 min
 Lab File: VL041820.D
 Acq: 19 Dec 2024 14:49



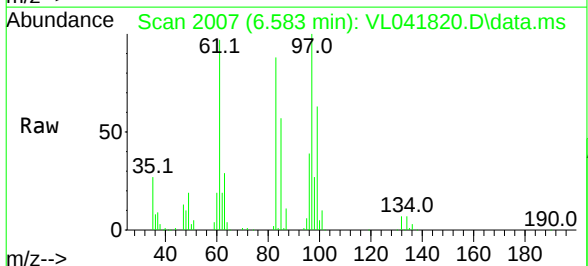
Tgt Ion: 75 Resp: 88947
 Ion Ratio Lower Upper
 75 100
 39 82.2 65.2 97.8
 77 31.8 22.0 33.0





#47
 1,1,2-Trichloroethane
 Concen: 9.490 ppbv
 RT: 6.583 min Scan# 2007
 Delta R.T. 0.006 min
 Lab File: VL041820.D
 Acq: 19 Dec 2024 14:49

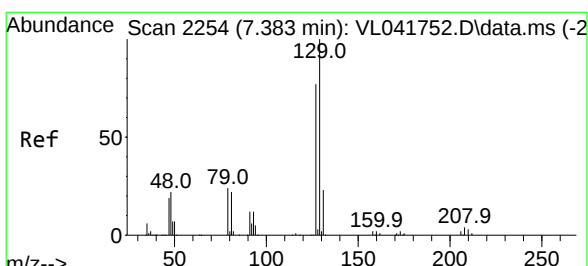
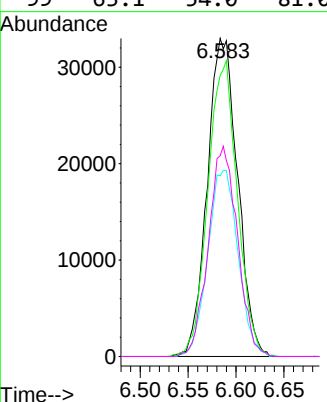
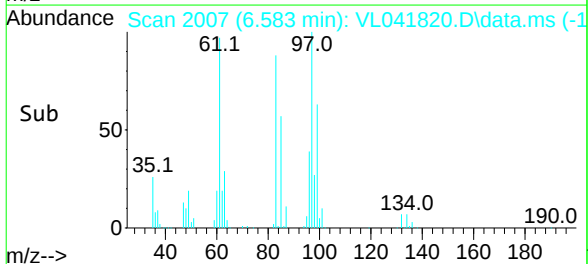
Instrument : MSVOA_L
 ClientSampleId : VL1219ABS01



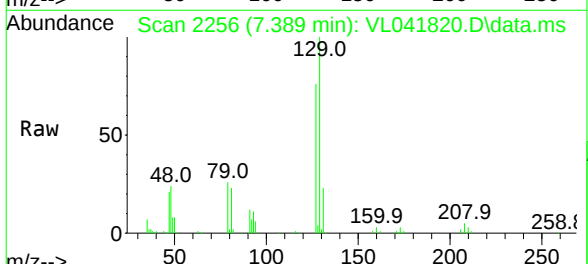
Tgt Ion:	97	Resp:	72669
Ion	Ratio	Lower	Upper
97	100		
83	88.2	72.3	108.5
85	56.8	48.5	72.7
99	63.1	54.0	81.0

Manual Integrations
 APPROVED

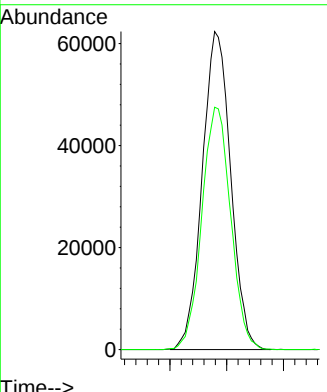
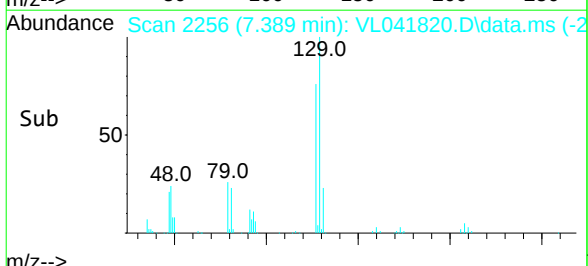
Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024

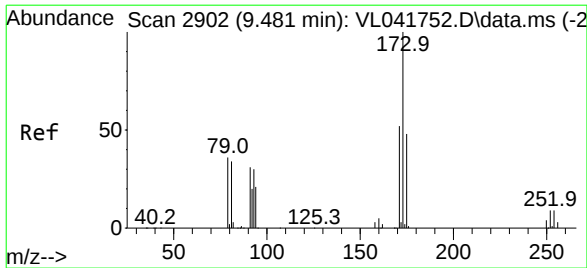


#48
 Dibromochloromethane
 Concen: 10.390 ppbv
 RT: 7.389 min Scan# 2256
 Delta R.T. 0.006 min
 Lab File: VL041820.D
 Acq: 19 Dec 2024 14:49



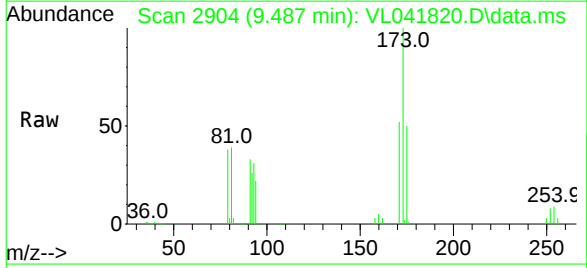
Tgt Ion:	129	Resp:	108637
Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.8	116.3





#49
Bromoform
Concen: 10.358 ppbv
RT: 9.487 min Scan# 2904
Delta R.T. 0.006 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

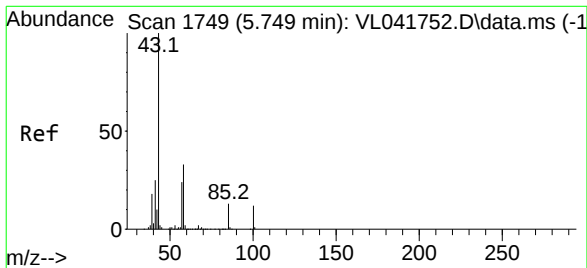
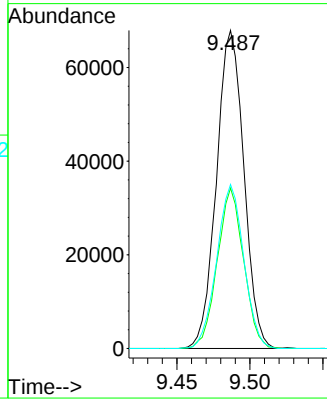
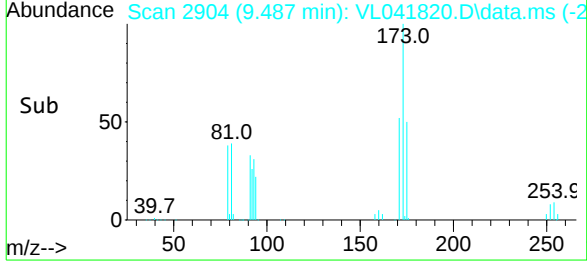
Instrument :
MSVOA_L
ClientSampleId :
VL1219ABS01



Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.4	38.2	57.2
171	51.1	41.1	61.7

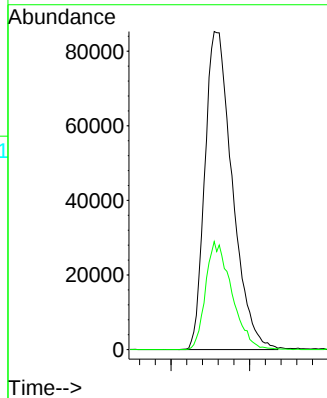
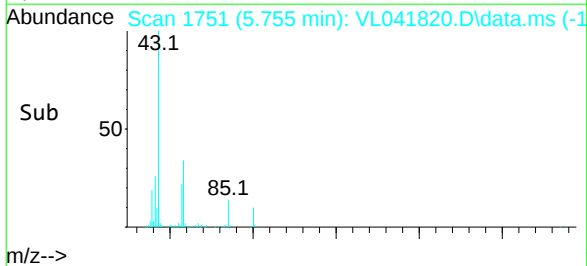
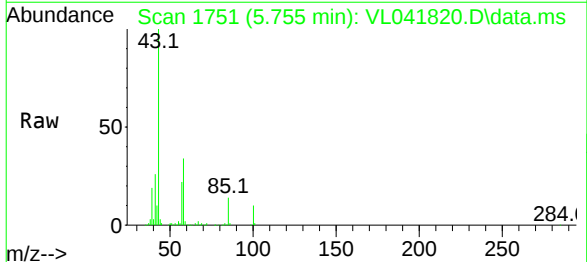
Manual Integrations
APPROVED

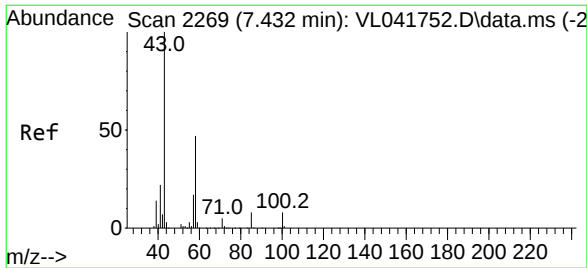
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#50
4-Methyl-2-Pentanone
Concen: 9.632 ppbv
RT: 5.755 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.4	26.8	40.2





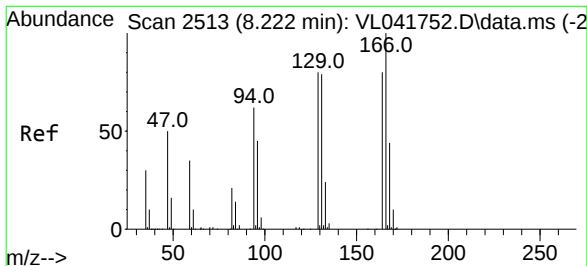
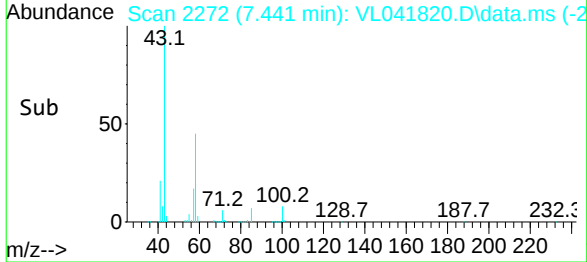
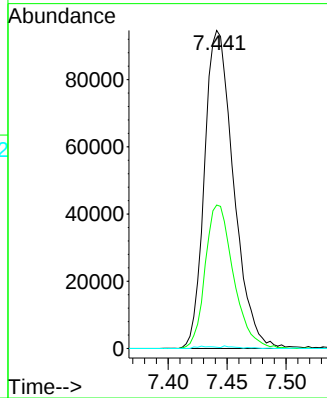
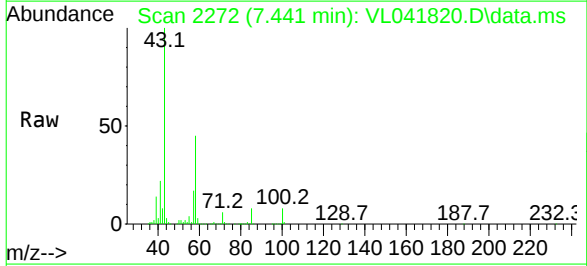
#51
2-Hexanone
Concen: 9.331 ppbv
RT: 7.441 min Scan# 2269
Delta R.T. 0.009 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

Instrument :
MSVOA_L
ClientSampleId :
VL1219ABS01

Tgt Ion: 43 Resp: 162349
Ion Ratio Lower Upper
43 100
58 43.9 36.6 55.0
98 0.9 0.1 0.1

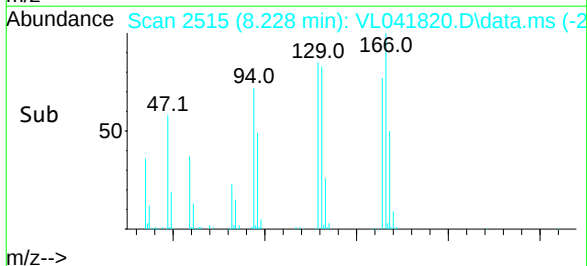
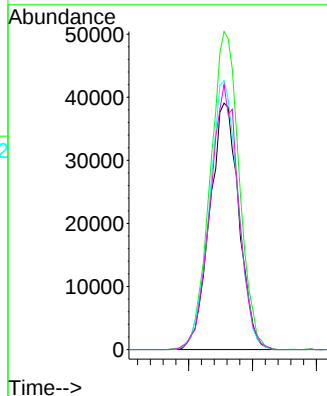
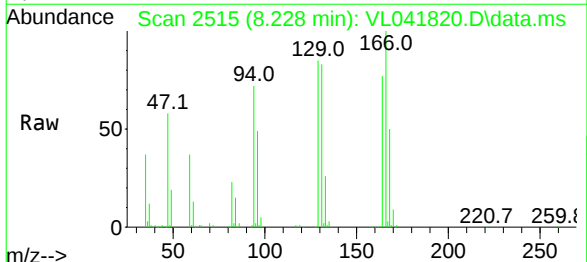
Manual Integrations
APPROVED

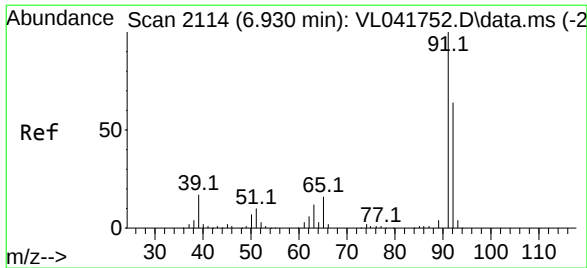
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#52
Tetrachloroethene
Concen: 8.190 ppbv
RT: 8.228 min Scan# 2515
Delta R.T. 0.006 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

Tgt Ion:164 Resp: 61791
Ion Ratio Lower Upper
164 100
166 129.1 99.8 149.6
129 109.2 79.6 119.4
131 107.6 78.6 117.8





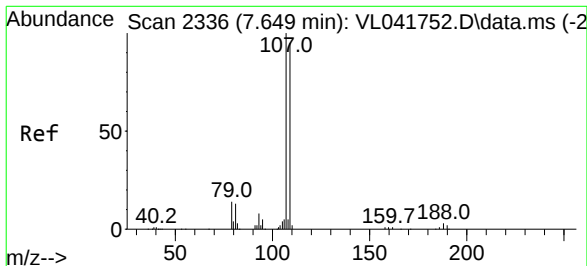
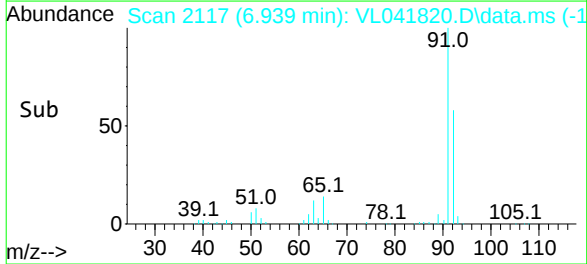
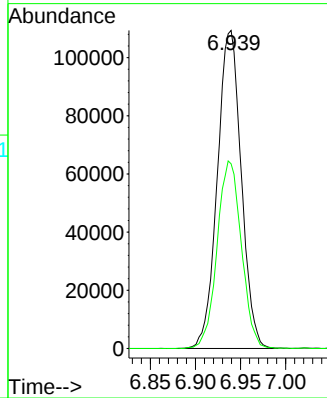
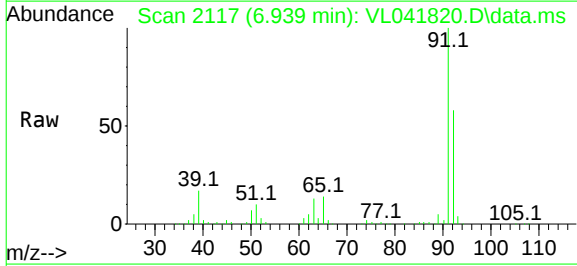
#53
Toluene
Concen: 8.771 ppbv
RT: 6.939 min Scan# 2114
Delta R.T. 0.009 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

Instrument :
MSVOA_L
ClientSampleId :
VL1219ABS01

Tgt Ion: 91 Resp: 201582
Ion Ratio Lower Upper
91 100
92 59.9 47.9 71.9

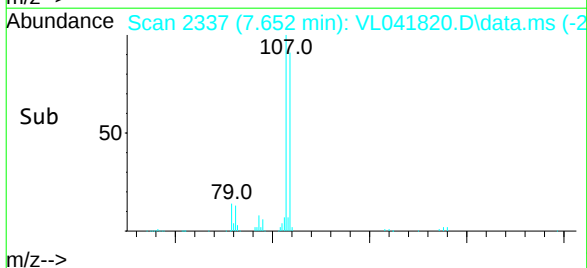
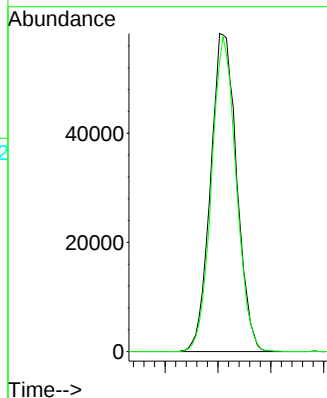
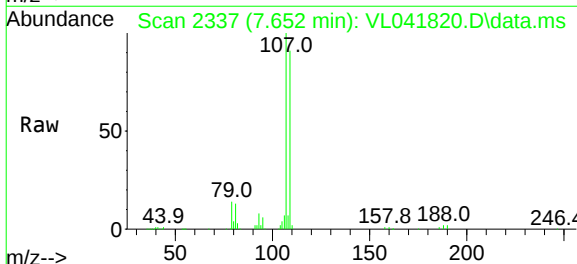
Manual Integrations
APPROVED

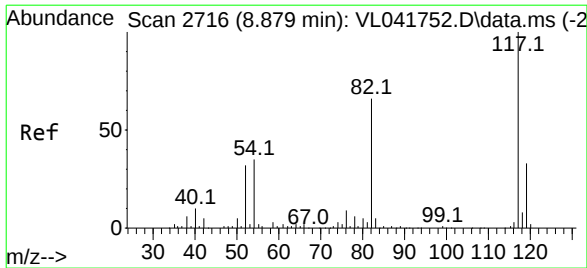
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#54
1,2-Dibromoethane
Concen: 9.497 ppbv
RT: 7.652 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

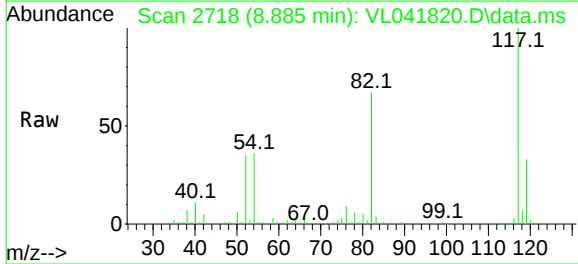
Tgt Ion:107 Resp: 100209
Ion Ratio Lower Upper
107 100
109 91.0 75.9 113.9





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2716
Delta R.T. 0.006 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

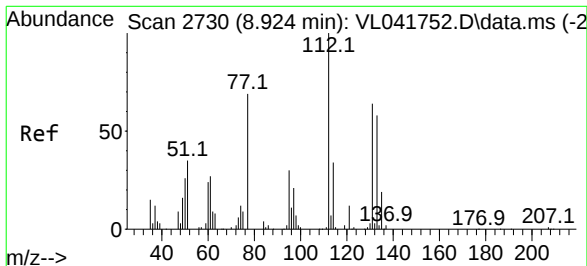
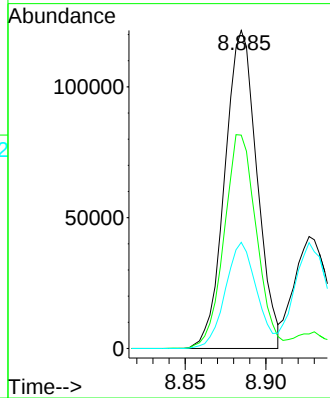
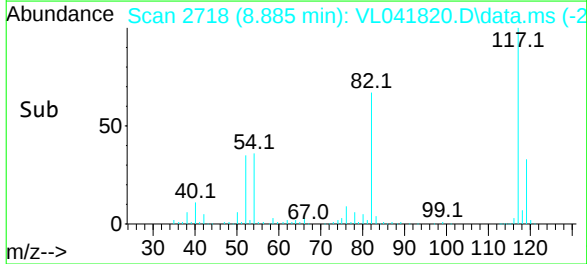
Instrument :
MSVOA_L
ClientSampleId :
VL1219ABS01



Tgt Ion:117 Resp: 168536
Ion Ratio Lower Upper
117 100
82 72.7 53.8 80.8
119 33.0 26.7 40.1

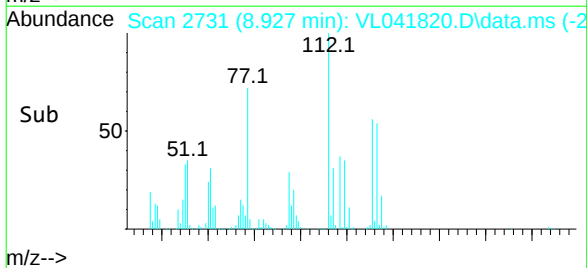
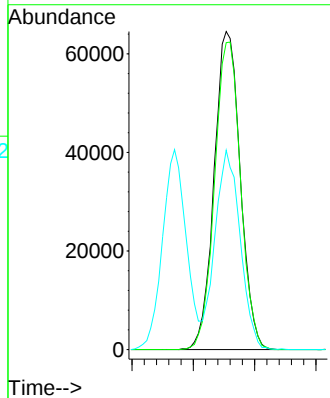
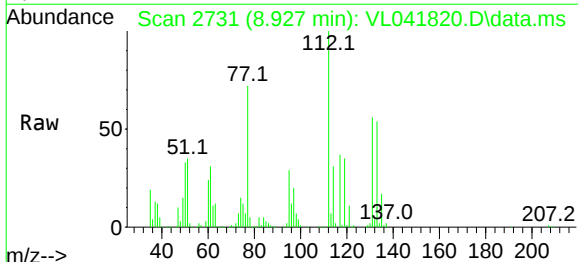
Manual Integrations
APPROVED

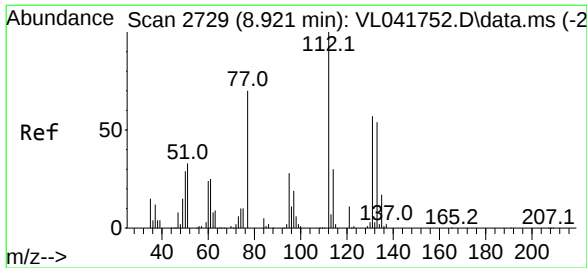
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 10.664 ppbv
RT: 8.927 min Scan# 2731
Delta R.T. 0.003 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

Tgt Ion:131 Resp: 95280
Ion Ratio Lower Upper
131 100
133 96.1 76.8 115.2
119 61.2 49.0 73.6





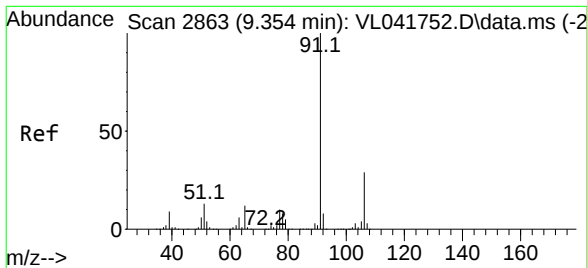
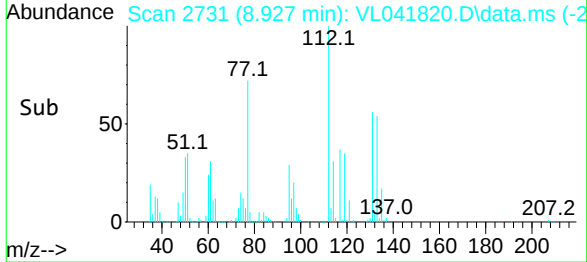
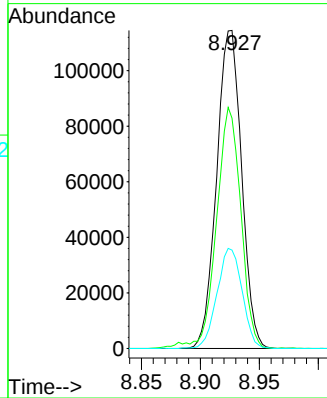
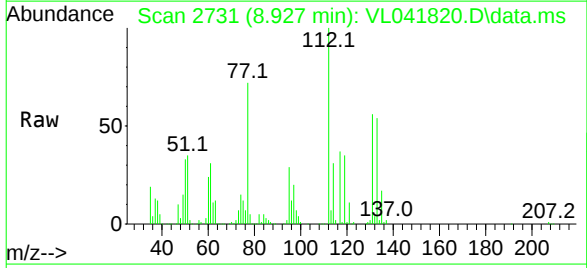
#57
Chlorobenzene
Concen: 9.777 ppbv
RT: 8.927 min Scan# 2729
Delta R.T. 0.006 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

Instrument :
MSVOA_L
ClientSampleId :
VL1219ABS01

Tgt Ion: 112 Resp: 168612
Ion Ratio Lower Upper
112 100
77 72.4 57.4 86.0
114 30.9 27.4 33.4

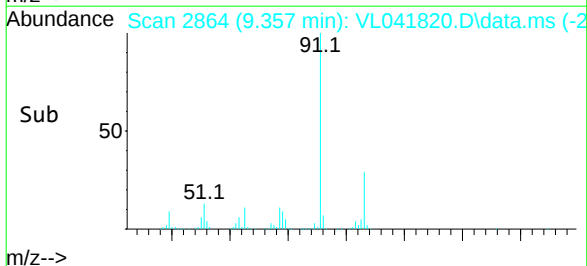
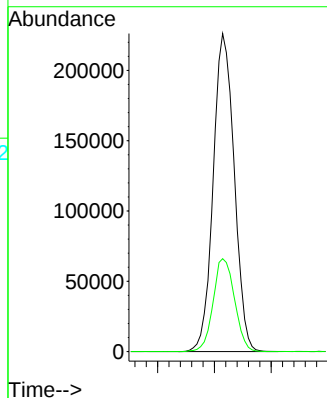
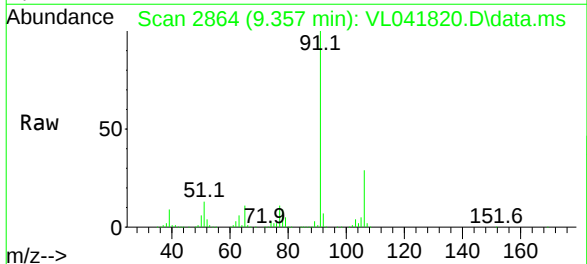
Manual Integrations
APPROVED

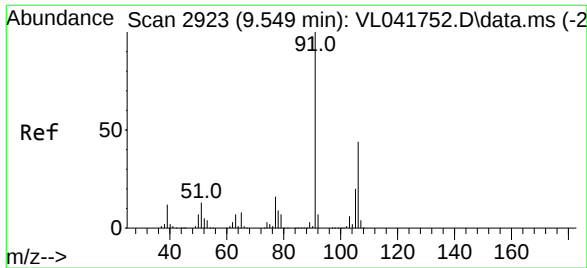
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#58
Ethyl Benzene
Concen: 9.595 ppbv
RT: 9.357 min Scan# 2864
Delta R.T. 0.003 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

Tgt Ion: 91 Resp: 291119
Ion Ratio Lower Upper
91 100
106 29.2 23.5 35.3





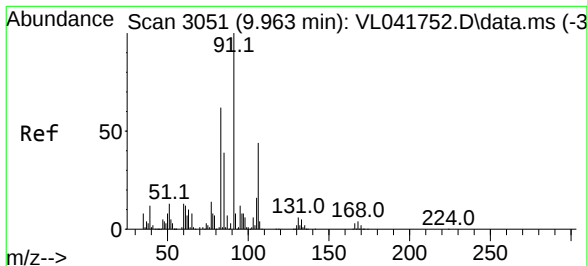
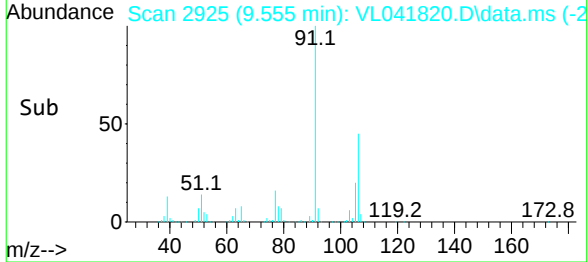
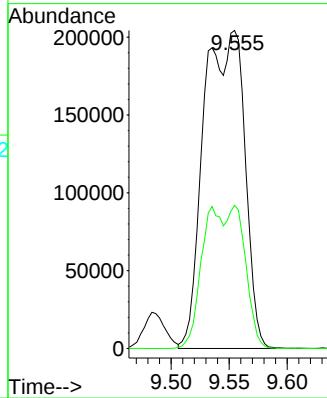
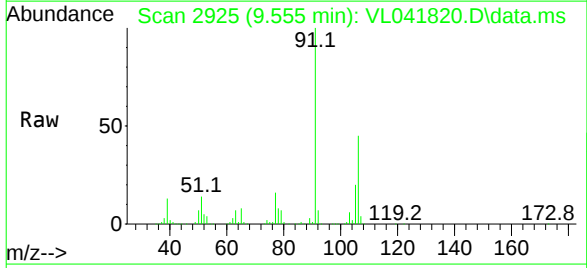
#59
m/p-Xylene
Concen: 20.524 ppbv m
RT: 9.555 min Scan# 29
Delta R.T. 0.006 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

Instrument :
MSVOA_L
ClientSampleId :
VL1219ABS01

Tgt Ion: 91 Resp: 500696
Ion Ratio Lower Upper
91 100
106 45.3 0.0 0.0#

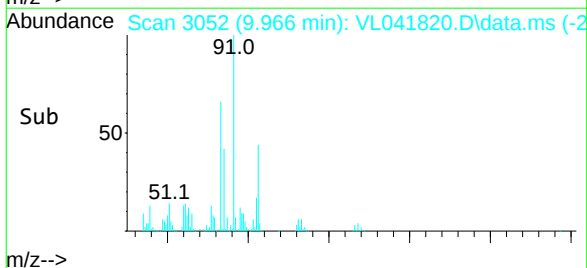
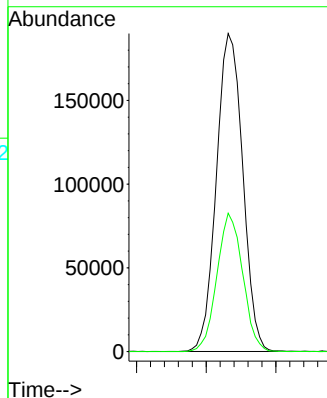
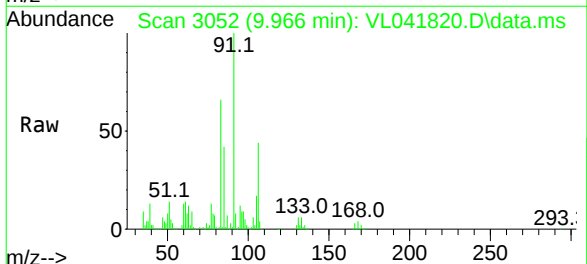
Manual Integrations
APPROVED

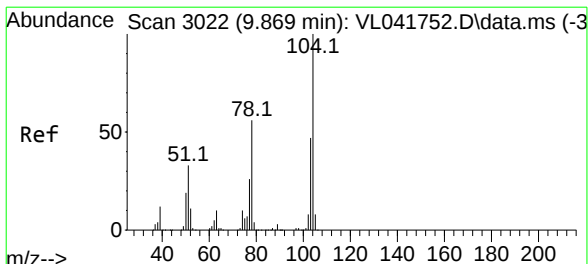
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#60
o-Xylene
Concen: 10.201 ppbv
RT: 9.966 min Scan# 3052
Delta R.T. 0.003 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

Tgt Ion: 91 Resp: 249559
Ion Ratio Lower Upper
91 100
106 42.5 21.1 63.4





#61
 Styrene
 Concen: 9.880 ppbv
 RT: 9.875 min Scan# 3022
 Delta R.T. 0.006 min
 Lab File: VL041820.D
 Acq: 19 Dec 2024 14:49

Instrument :

MSVOA_L

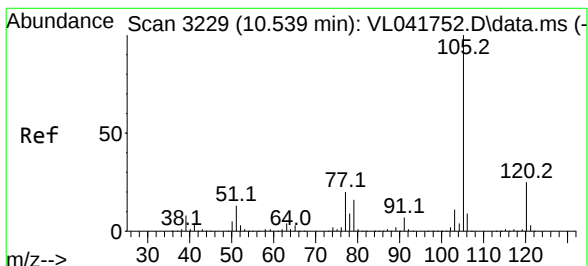
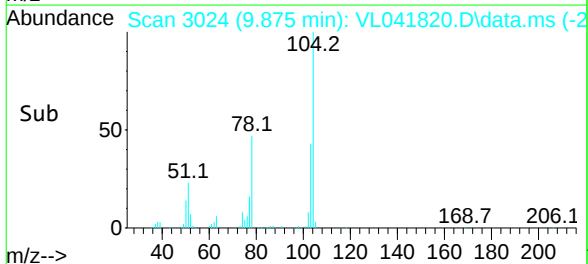
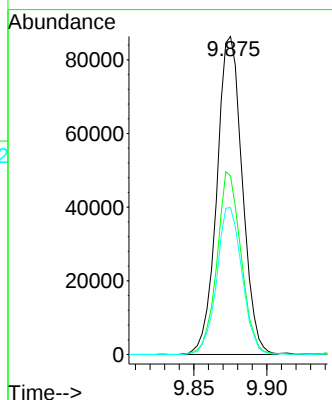
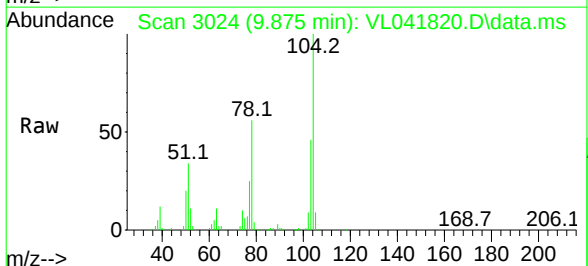
ClientSampleId :

VL1219ABS01

Tgt Ion:	104	Resp:	104520
Ion Ratio	Lower	Upper	
104	100		
78	54.6	43.8	65.6
103	46.1	37.8	56.6

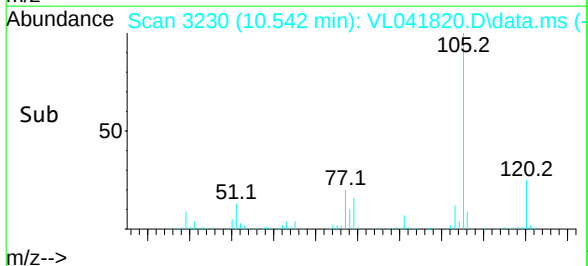
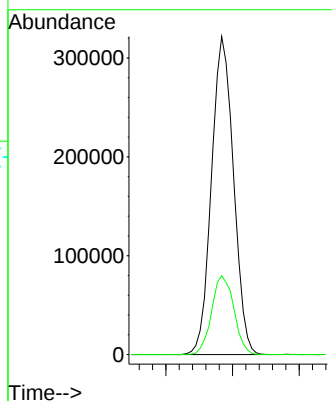
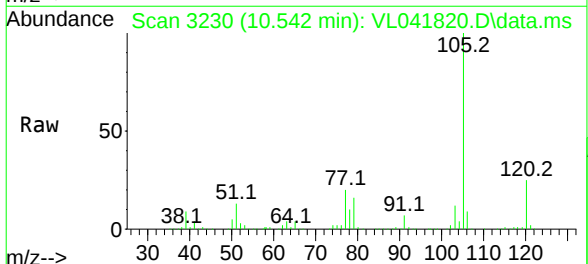
Manual Integrations
 APPROVED

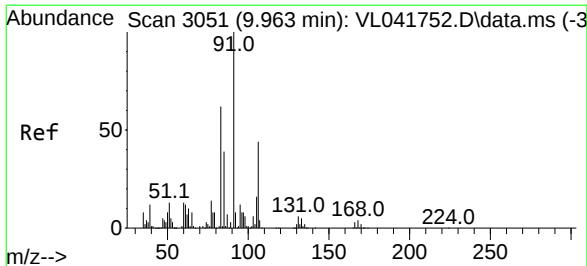
Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#62
 Isopropylbenzene
 Concen: 10.055 ppbv
 RT: 10.542 min Scan# 3230
 Delta R.T. 0.003 min
 Lab File: VL041820.D
 Acq: 19 Dec 2024 14:49

Tgt Ion:	105	Resp:	369582
Ion Ratio	Lower	Upper	
105	100		
120	25.1	19.8	29.8





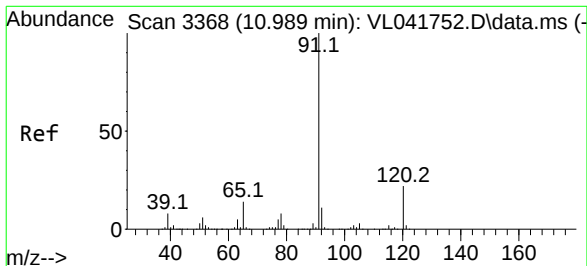
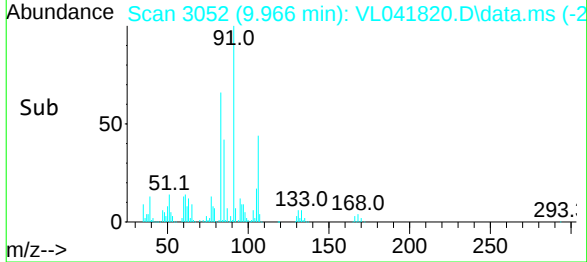
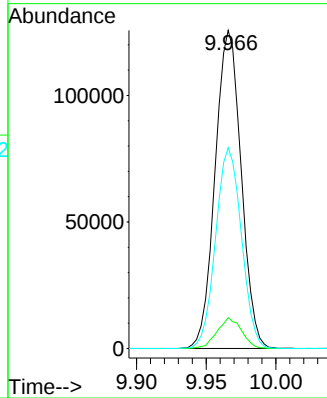
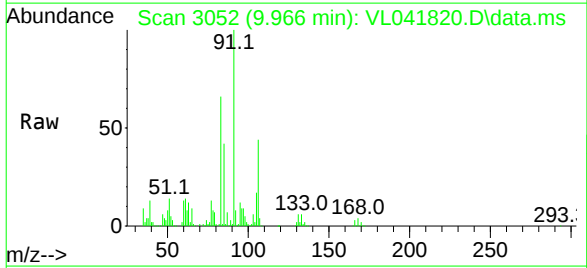
#63
1,1,2,2-Tetrachloroethane
Concen: 10.662 ppbv
RT: 9.966 min Scan# 3051
Delta R.T. 0.003 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

Instrument :
MSVOA_L
ClientSampleId :
VL1219ABS01

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.1	4.9	14.7
85	62.4	32.0	96.2

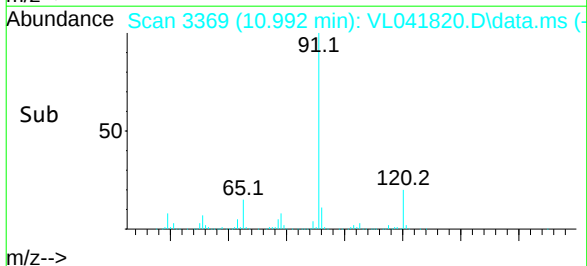
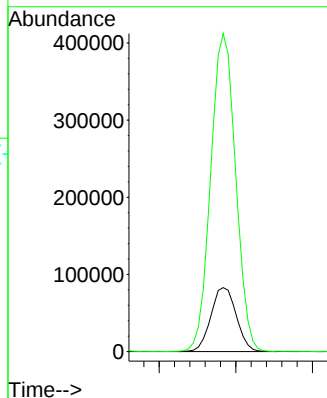
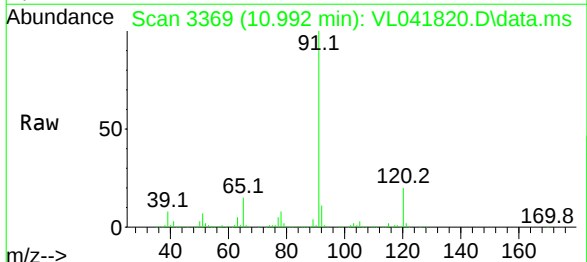
Manual Integrations
APPROVED

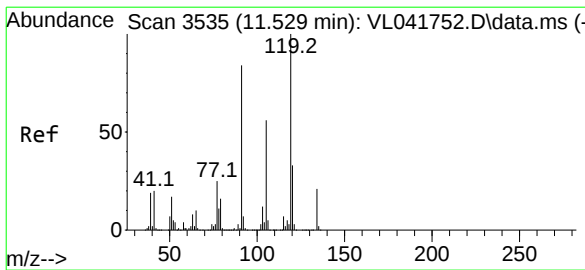
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#64
n-propylbenzene
Concen: 10.281 ppbv
RT: 10.992 min Scan# 3369
Delta R.T. 0.003 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

Tgt Ion	Ratio	Lower	Upper
120	100		
91	489.2	387.3	580.9





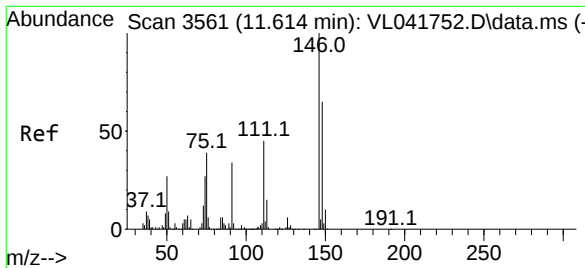
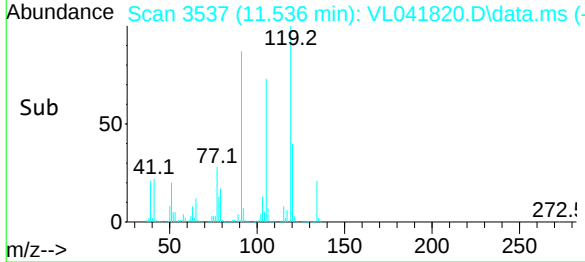
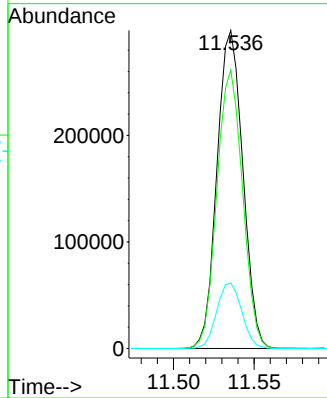
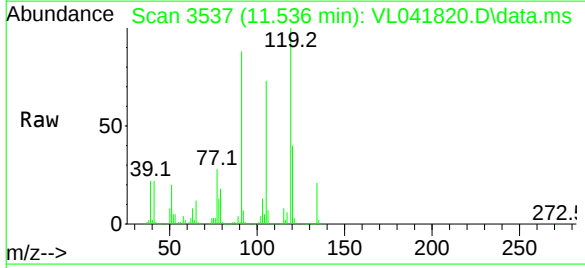
#65
tert-Butylbenzene
Concen: 10.020 ppbv
RT: 11.536 min Scan# 3535
Delta R.T. 0.006 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

Instrument :
MSVOA_L
ClientSampleId :
VL1219ABS01

Tgt Ion:	119	Resp:	332294
Ion	Ratio	Lower	Upper
119	100		
91	87.2	67.0	100.4
134	20.0	16.5	24.7

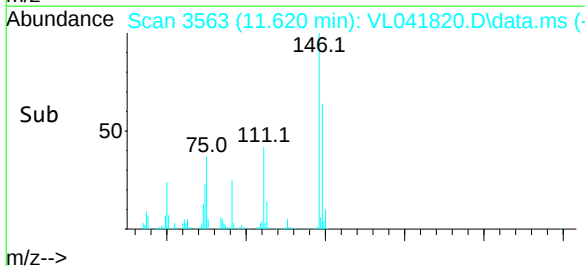
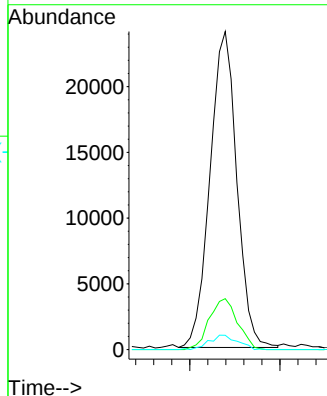
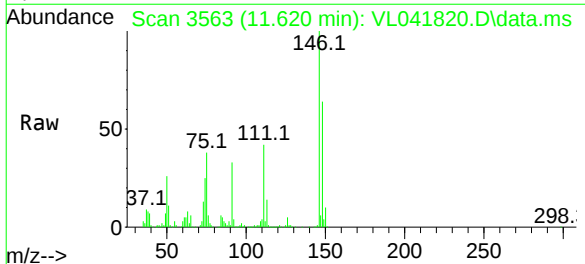
Manual Integrations
APPROVED

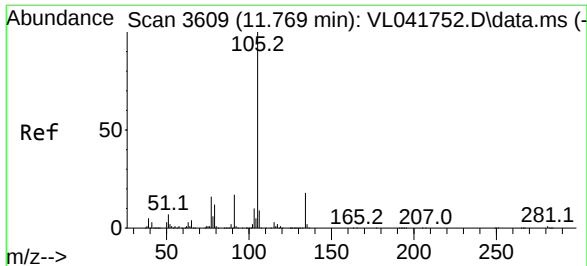
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#66
Benzyl Chloride
Concen: 8.507 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. 0.006 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

Tgt Ion:	91	Resp:	24851
Ion	Ratio	Lower	Upper
91	100		
126	17.0	13.9	20.9
128	4.9	4.4	6.6





#67

sec-Butylbenzene

Concen: 10.472 ppbv

RT: 11.772 min Scan# 3609

Delta R.T. 0.003 min

Lab File: VL041820.D

Acq: 19 Dec 2024 14:49

Instrument :

MSVOA_L

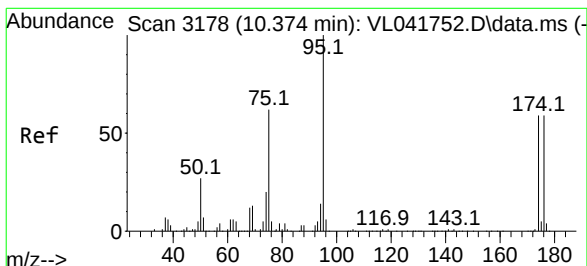
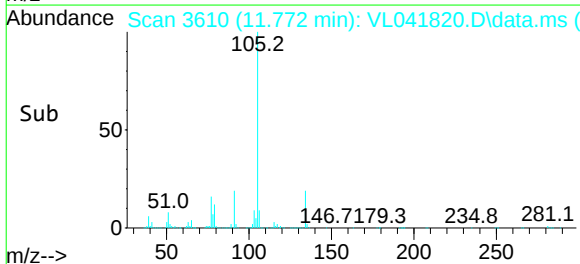
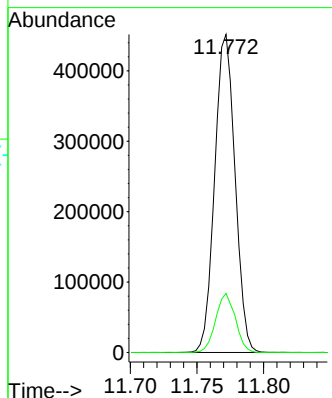
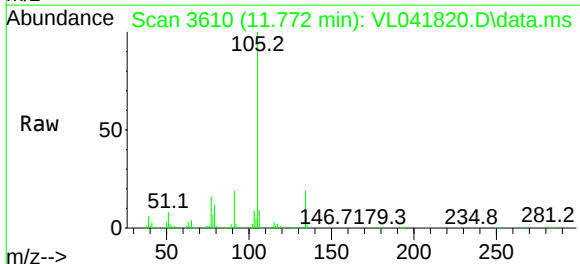
ClientSampleId :

VL1219ABS01

Tgt Ion: 105 Resp: 480545
 Ion Ratio Lower Upper
 105 100
 134 18.0 14.5 21.7

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024



#68

1-Bromo-4-Fluorobenzene

Concen: 10.403 ppbv

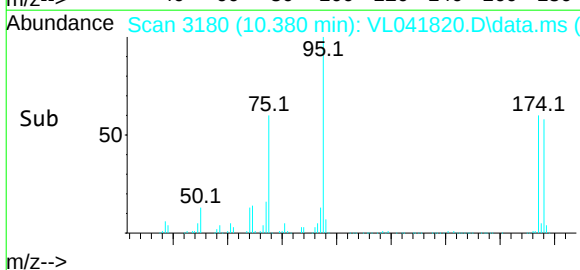
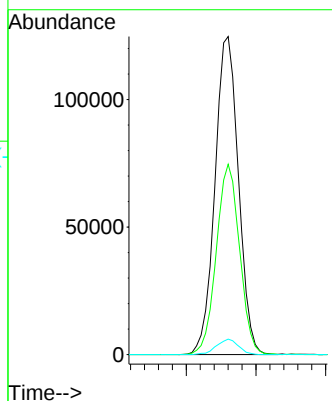
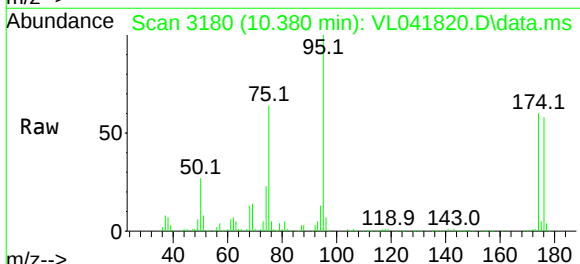
RT: 10.380 min Scan# 3180

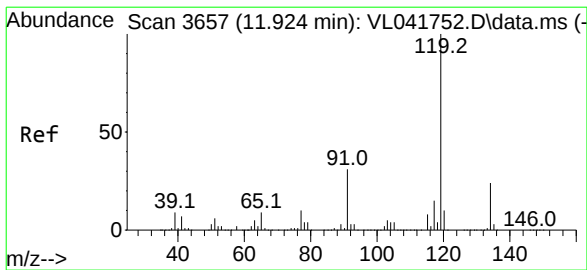
Delta R.T. 0.006 min

Lab File: VL041820.D

Acq: 19 Dec 2024 14:49

Tgt Ion: 95 Resp: 146093
 Ion Ratio Lower Upper
 95 100
 174 59.2 47.6 71.4
 175 4.6 3.7 5.5





#69

p-Isopropyltoluene

Concen: 10.530 ppbv

RT: 11.930 min Scan# 3657

Delta R.T. 0.006 min

Lab File: VL041820.D

Acq: 19 Dec 2024 14:49

Instrument :

MSVOA_L

ClientSampleId :

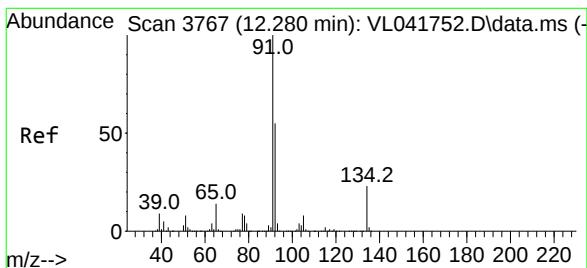
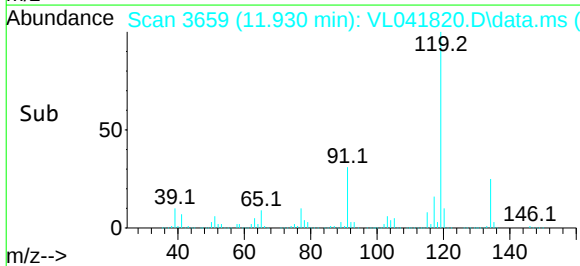
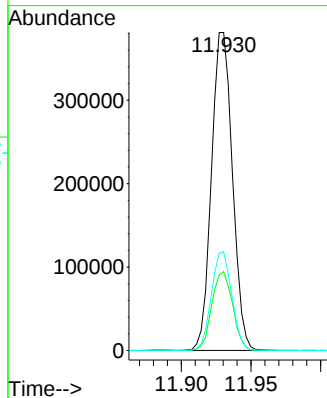
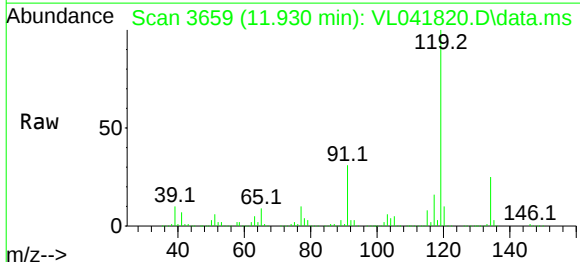
VL1219ABS01

Tgt Ion:	119	Resp:	398238
Ion	Ratio	Lower	Upper
119	100		
134	24.6	19.6	29.4
91	30.4	24.4	36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#70

n-Butylbenzene

Concen: 10.905 ppbv

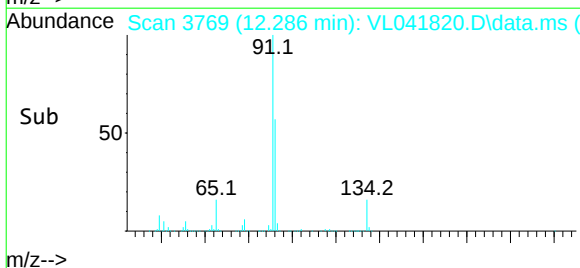
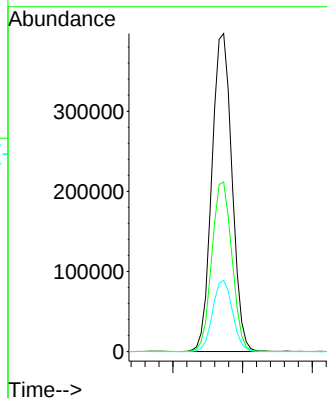
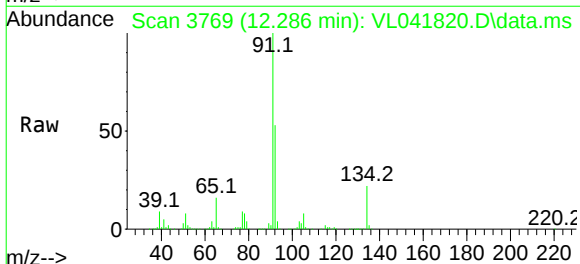
RT: 12.286 min Scan# 3769

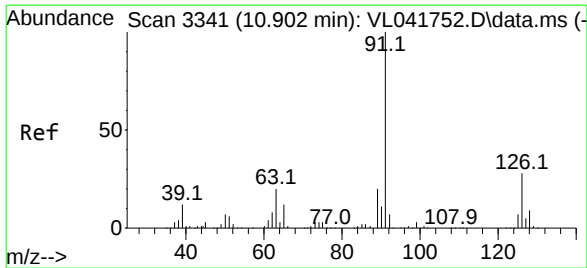
Delta R.T. 0.006 min

Lab File: VL041820.D

Acq: 19 Dec 2024 14:49

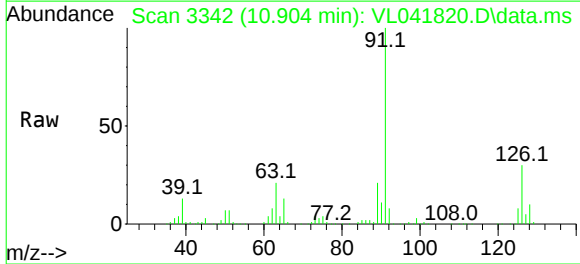
Tgt Ion:	91	Resp:	398457
Ion	Ratio	Lower	Upper
91	100		
92	53.4	43.2	64.8
134	22.1	18.2	27.4





#71
2-Chlorotoluene
Concen: 9.936 ppbv
RT: 10.904 min Scan# 3341
Delta R.T. 0.003 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

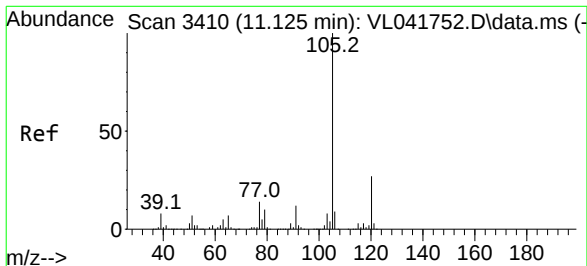
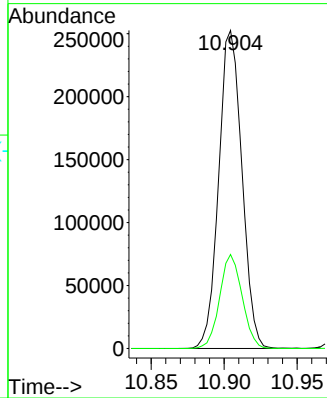
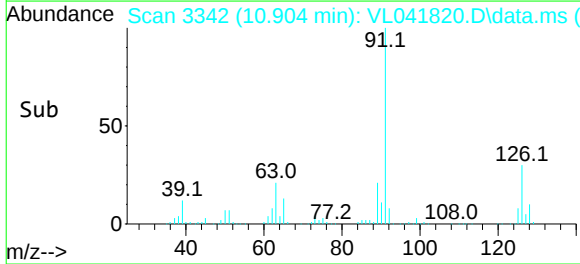
Instrument :
MSVOA_L
ClientSampleId :
VL1219ABS01



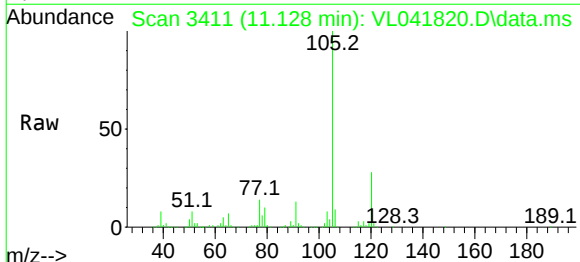
Tgt Ion: 91 Resp: 278779
Ion Ratio Lower Upper
91 100
126 28.6 11.6 46.4

Manual Integrations
APPROVED

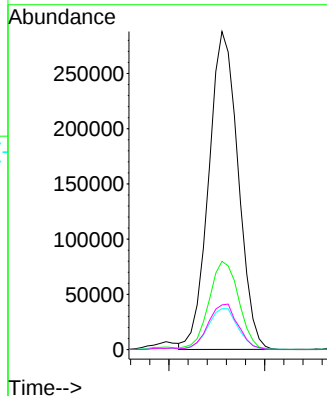
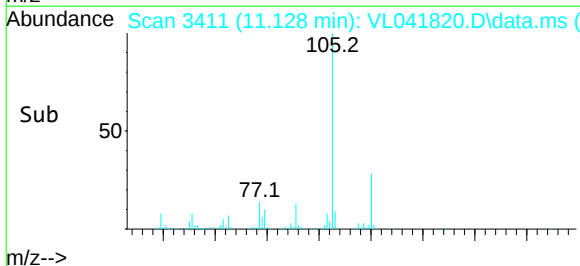
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

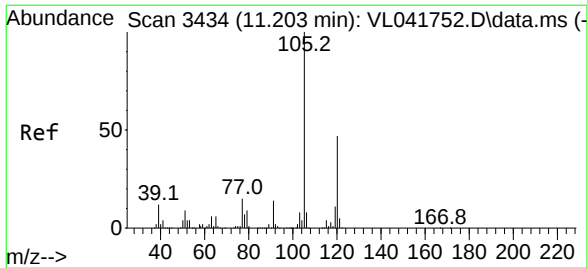


#72
4-Ethyltoluene
Concen: 10.642 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. 0.003 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49



Tgt Ion:105 Resp: 307317
Ion Ratio Lower Upper
105 100
120 28.8 23.3 34.9
91 13.9 10.9 16.3
77 15.0 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 10.984 ppbv

RT: 11.205 min Scan# 3434

Delta R.T. 0.003 min

Lab File: VL041820.D

Acq: 19 Dec 2024 14:49

Instrument :

MSVOA_L

ClientSampleId :

VL1219ABS01

Tgt Ion:105 Resp: 263169

Ion Ratio Lower Upper

105 100

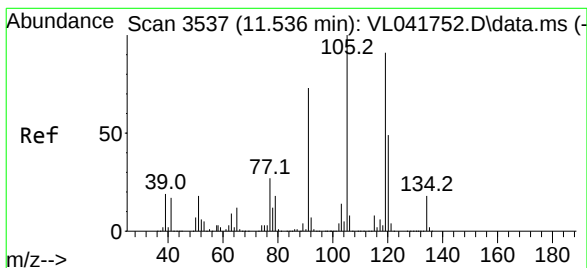
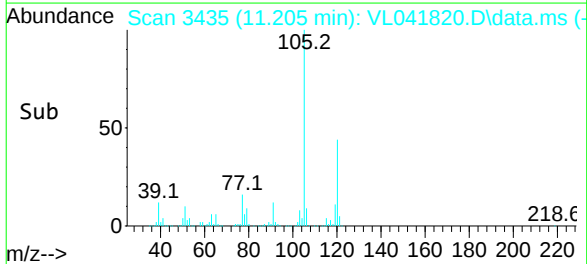
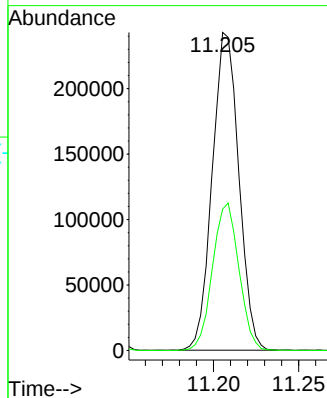
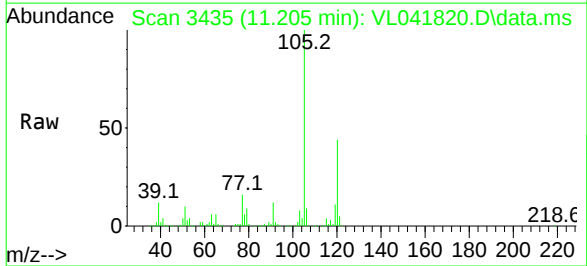
120 44.5 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#74

1,2,4-Trimethylbenzene

Concen: 11.104 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. 0.003 min

Lab File: VL041820.D

Acq: 19 Dec 2024 14:49

Tgt Ion:105 Resp: 286070

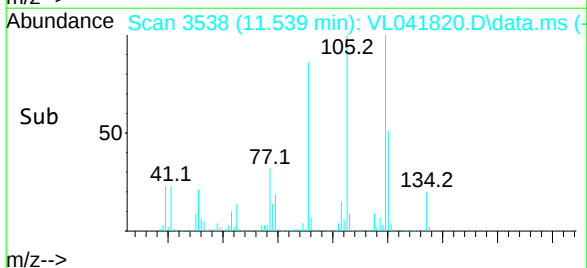
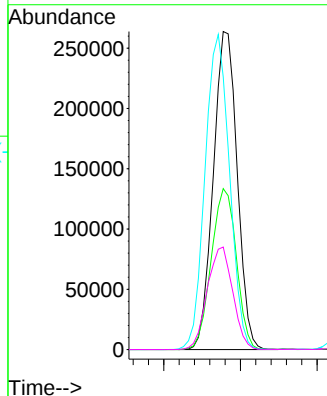
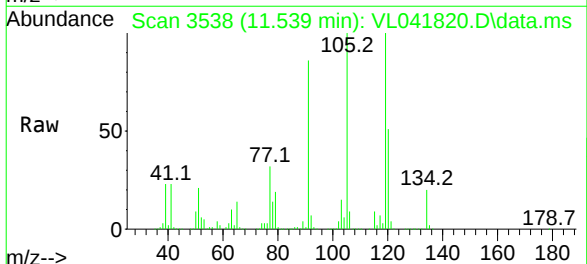
Ion Ratio Lower Upper

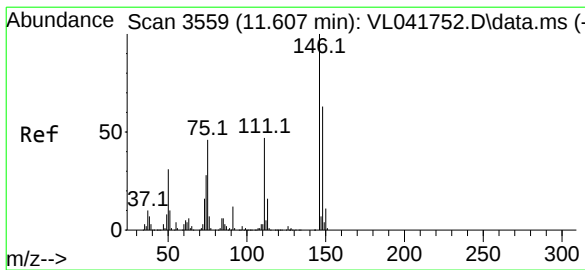
105 100

120 50.6 39.0 58.4

91 85.7 58.1 87.1

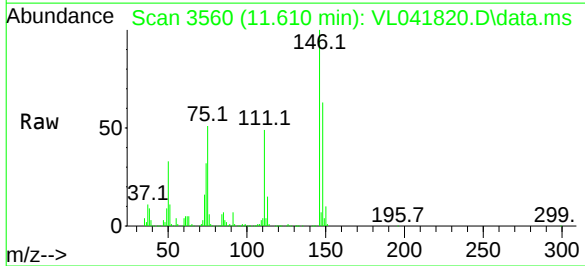
77 32.2 21.8 32.8





#75
1,3-Dichlorobenzene
Concen: 10.327 ppbv
RT: 11.610 min Scan# 3559
Delta R.T. 0.003 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

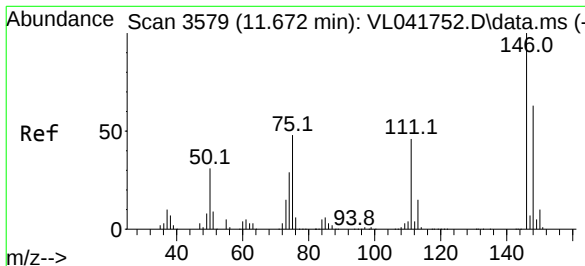
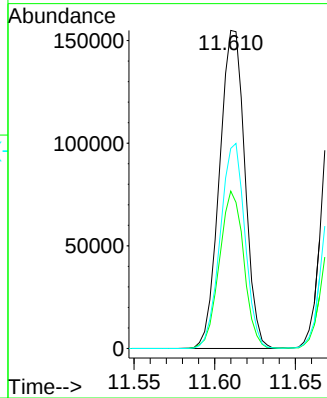
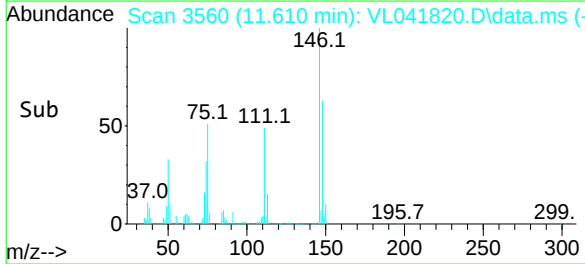
Instrument :
MSVOA_L
ClientSampleId :
VL1219ABS01



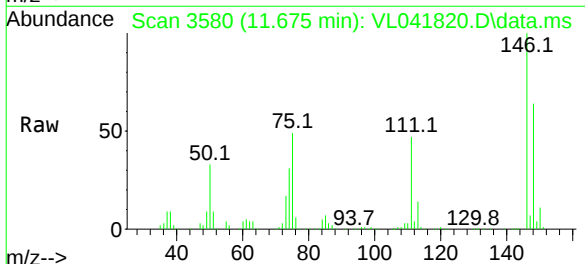
Tgt Ion:146 Resp: 169639
Ion Ratio Lower Upper
146 100
111 47.7 23.4 70.3
148 62.6 31.6 95.0

Manual Integrations
APPROVED

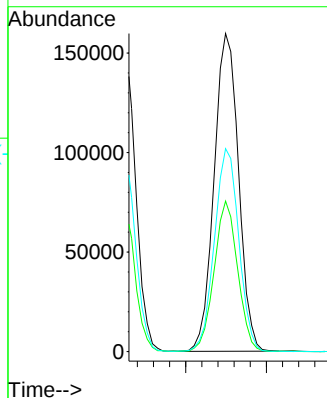
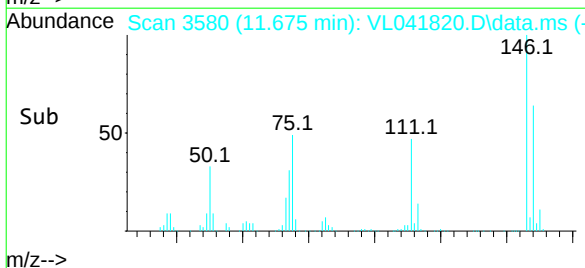
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

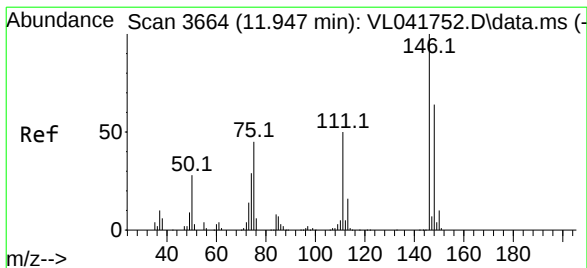


#76
1,4-Dichlorobenzene
Concen: 10.344 ppbv
RT: 11.675 min Scan# 3580
Delta R.T. 0.003 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49



Tgt Ion:146 Resp: 167846
Ion Ratio Lower Upper
146 100
111 45.8 22.7 68.1
148 63.9 31.4 94.0





#77

1,2-Dichlorobenzene

Concen: 10.203 ppbv

RT: 11.950 min Scan# 3664

Delta R.T. 0.003 min

Lab File: VL041820.D

Acq: 19 Dec 2024 14:49

Instrument :

MSVOA_L

ClientSampleId :

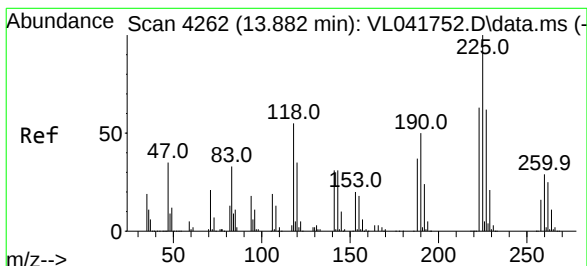
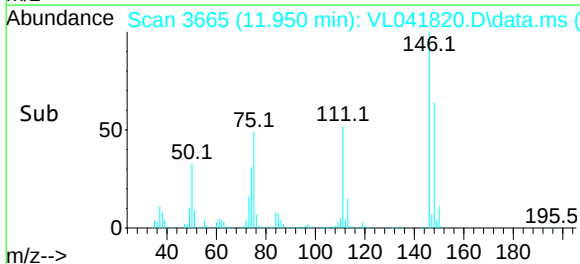
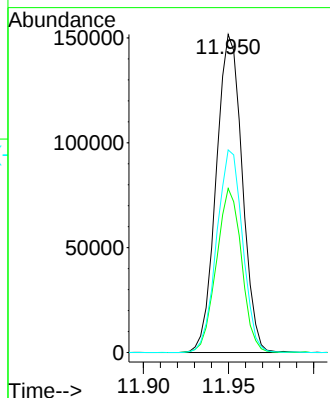
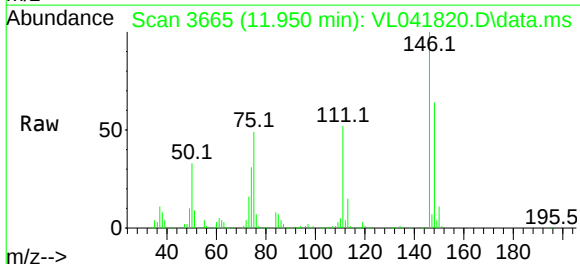
VL1219ABS01

Tgt Ion:	146	Resp:	161258
Ion	Ratio	Lower	Upper
146	100		
111	50.0	24.8	74.3
148	63.5	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#78

Hexachloro-1,3-Butadiene

Concen: 8.044 ppbv

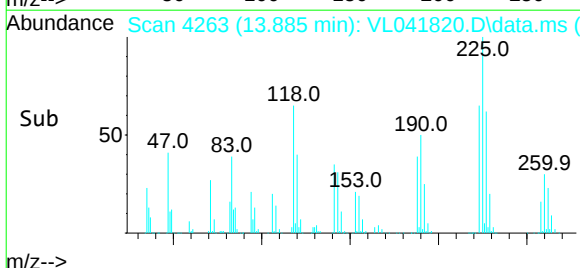
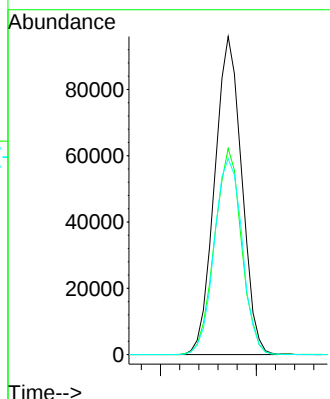
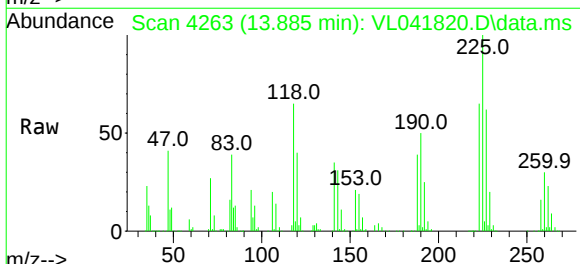
RT: 13.885 min Scan# 4263

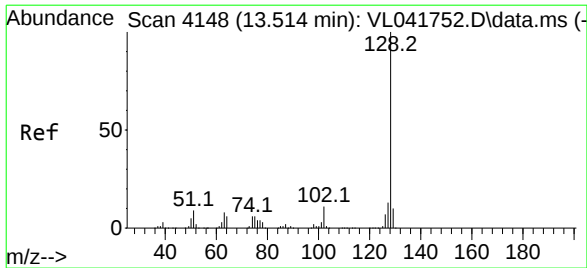
Delta R.T. 0.003 min

Lab File: VL041820.D

Acq: 19 Dec 2024 14:49

Tgt Ion:	225	Resp:	94266
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.5	75.7
227	63.6	50.3	75.5





#79

Naphthalene

Concen: 11.178 ppbv

RT: 13.516 min Scan# 4148

Delta R.T. 0.003 min

Lab File: VL041820.D

Acq: 19 Dec 2024 14:49

Instrument :

MSVOA_L

ClientSampleId :

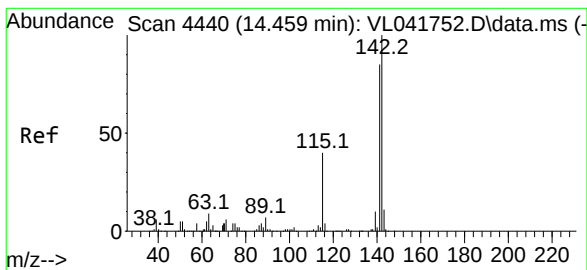
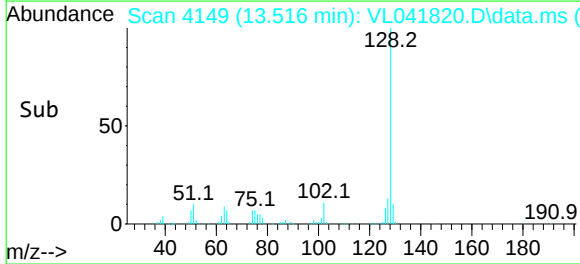
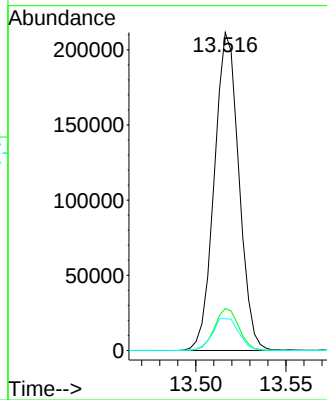
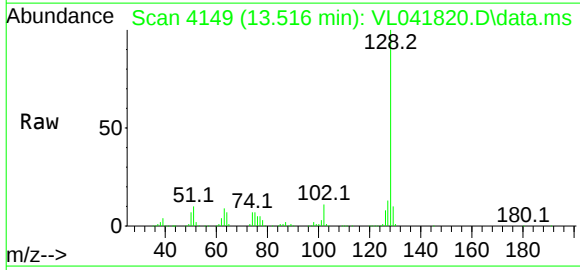
VL1219ABS01

Tgt Ion:	128	Resp:	200671
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.7	16.1
129	10.0	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#80

Naphthalene, 2-methyl-

Concen: 15.478 ppbv

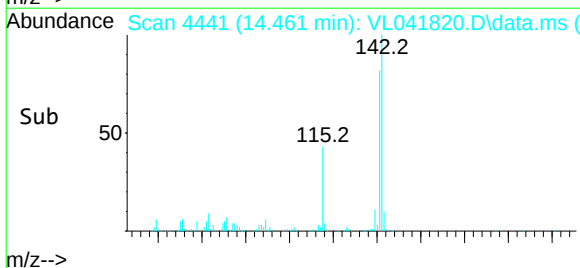
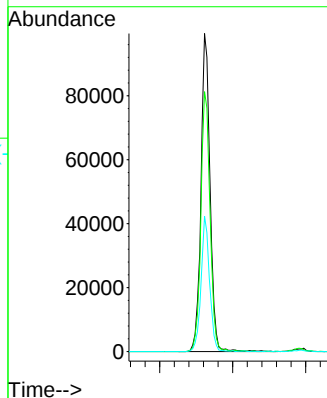
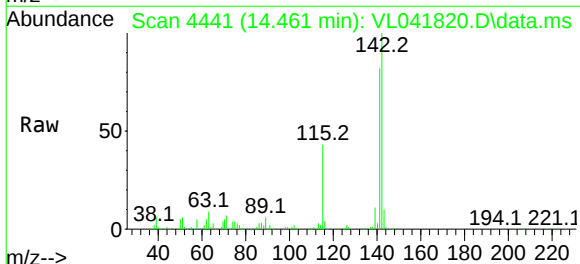
RT: 14.461 min Scan# 4441

Delta R.T. 0.003 min

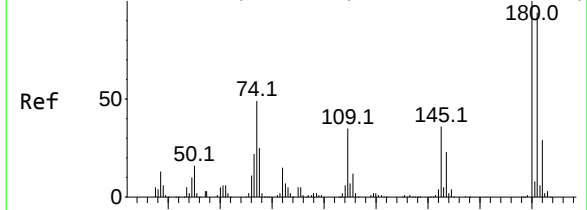
Lab File: VL041820.D

Acq: 19 Dec 2024 14:49

Tgt Ion:	142	Resp:	85944
Ion Ratio	Lower	Upper	
142	100		
141	83.0	68.4	102.6
115	40.4	32.5	48.7



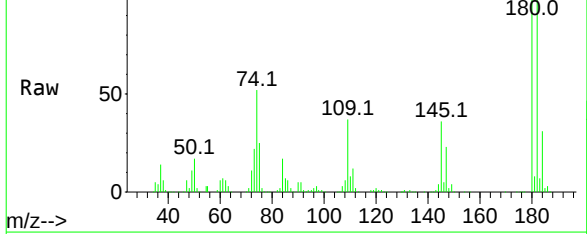
Abundance Scan 4125 (13.439 min): VL041752.D\data.ms (-



#81
1,2,4-Trichlorobenzene
Concen: 9.457 ppbv
RT: 13.445 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL041820.D
Acq: 19 Dec 2024 14:49

Instrument :
MSVOA_L
ClientSampleId :
VL1219ABS01

Abundance Scan 4127 (13.445 min): VL041820.D\data.ms



Tgt Ion:180 Resp: 92768
Ion Ratio Lower Upper
180 100
182 95.7 77.0 115.6
184 30.5 23.8 35.8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

Abundance Scan 4127 (13.445 min): VL041820.D\data.ms (-

