

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
 Data File : VL041591.D
 Acq On : 16 Sep 2024 12:36
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Quant Time: Sep 17 07:23:30 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M

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

QLast Update : Tue Sep 17 05:12:12 2024

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 09/17/2024
 Supervised By : Mahesh Dadoda 09/17/2024

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

Internal Standards						
1) Bromochloromethane	5.166	49	1007876	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.626	114	2828824	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	2557349	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.751 95 1914464 10.111 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.710	85	101189	0.723	ppbv	96
3) Chlorodifluoromethane	2.655	51	71898	0.601	ppbv	99
4) Chloromethane	2.793	50	39035	0.689	ppbv	90
5) Vinyl Chloride	2.896	62	31972	0.554	ppbv	91
6) Bromomethane	3.099	94	16392	0.584	ppbv	99
7) Chloroethane	3.179	64	13318	0.613	ppbv	98
8) Dichlorotetrafluoroethane	2.835	85	89844	0.600	ppbv	95
9) Propene	2.677	41	25238	0.485	ppbv	88
10) Heptane	7.549	43	52953m	0.447	ppbv	
11) Trichlorofluoromethane	3.539	101	87284	0.576	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.041	101	61766	0.562	ppbv	93
13) Ethanol	3.227	45	2374m	0.709	ppbv	
14) Bromoethene	3.343	108	21604	0.511	ppbv #	91
15) Acetone	3.455	43	89461	0.777	ppbv	92
16) 1,3-Butadiene	2.967	39	33974	0.578	ppbv	93
17) tert-Butyl alcohol	3.870	59	54674	0.500	ppbv	95
18) 1,1-Dichloroethene	3.861	96	23326	0.483	ppbv	96
19) Isopropyl Alcohol	3.565	45	34766m	0.560	ppbv	
20) Methylene Chloride	3.909	84	34011	0.768	ppbv	93
21) Allyl Chloride	3.976	41	36721	0.501	ppbv	88
22) trans-1,2-Dichloroethene	4.420	96	25050	0.536	ppbv #	81
23) Vinyl Acetate	4.610	43	35784	0.523	ppbv #	87
24) 1,1-Dichloroethane	4.539	63	57495	0.562	ppbv #	95
25) Ethyl Acetate	5.185	43	106139	0.465	ppbv #	95
26) Hexane	5.189	57	49338	0.535	ppbv	90
27) Carbon Disulfide	4.105	76	43606	0.435	ppbv #	87
28) Methyl tert-Butyl Ether	4.571	73	31629m	0.552	ppbv	
29) Chloroform	5.246	83	86434	0.566	ppbv	97
30) Cyclohexane	6.578	84	30381m	0.419	ppbv	
31) cis-1,2-Dichloroethene	5.053	61	42156	0.473	ppbv	93
32) 1,1,1-Trichloroethane	5.979	97	77056	0.568	ppbv	96
34) 2-Butanone	4.777	43	73717m	0.569	ppbv	
35) Carbon Tetrachloride	6.471	117	75844	0.554	ppbv #	94
36) Benzene	6.346	78	90490	0.465	ppbv #	95
37) 1,2-Dichloroethane	5.783	62	57866	0.511	ppbv #	96
38) Trichloroethene	7.269	130	50656m	0.502	ppbv	
39) 1,2-Dichloropropane	7.044	63	41453m	0.523	ppbv	
40) 1,4-Dioxane	7.304	88	15716m	0.554	ppbv	
41) Tetrahydrofuran	5.558	42	29577	0.397	ppbv	96
42) Bromodichloromethane	7.224	83	77287	0.499	ppbv #	96
43) Methyl Methacrylate	7.452	69	27616	0.393	ppbv	95
44) 2,2,4-Trimethylpentane	7.304	57	160219	0.479	ppbv #	90
45) t-1,3-Dichloropropene	8.690	75	20590m	0.367	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
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 Sample : VSTDIC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024

Quant Time: Sep 17 07:23:30 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M

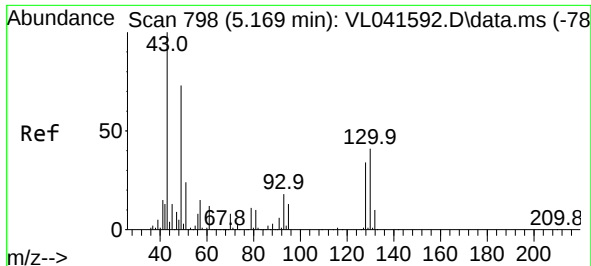
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Sep 17 05:12:12 2024

Response via : Initial Calibration

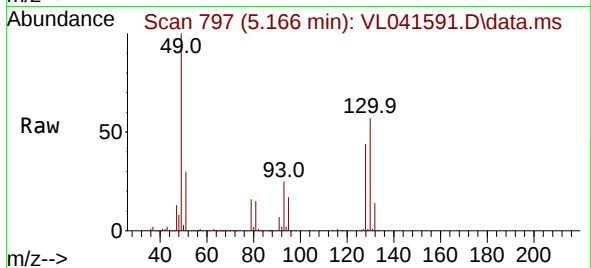
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.121	75	27915	0.331	ppbv	90
47) 1,1,2-Trichloroethane	8.876	97	41983	0.499	ppbv	92
48) Dibromochloromethane	9.687	129	56924m	0.447	ppbv	
49) Bromoform	12.375	173	45890m	0.424	ppbv	
50) 4-Methyl-2-Pentanone	8.176	43	87157m	0.424	ppbv	
51) 2-Hexanone	9.555	43	59285m	0.378	ppbv	
52) Tetrachloroethene	10.587	164	35100m	0.496	ppbv	
53) Toluene	9.192	91	74445	0.355	ppbv	95
54) 1,2-Dibromoethane	9.983	107	52272m	0.509	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.487	131	53872	0.548	ppbv #	1
57) Chlorobenzene	11.503	112	101381m	0.554	ppbv	
58) Ethyl Benzene	12.063	91	107104	0.390	ppbv	94
59) m/p-Xylene	12.349	91	212193m	0.867	ppbv	
60) o-Xylene	13.037	91	99984m	0.428	ppbv	
61) Styrene	12.876	104	31545	0.319	ppbv	94
62) Isopropylbenzene	14.005	105	163927	0.462	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.021	83	69917m	0.592	ppbv	
64) n-propylbenzene	14.899	120	39445m	0.429	ppbv	
65) tert-Butylbenzene	16.066	119	151018m	0.474	ppbv	
66) Benzyl Chloride	16.304	91	8202m	0.484	ppbv	
67) sec-Butylbenzene	16.616	105	201367	0.442	ppbv	99
69) p-Isopropyltoluene	16.973	119	148897	0.407	ppbv	94
70) n-Butylbenzene	17.870	91	162469	0.426	ppbv	98
71) 2-Chlorotoluene	14.780	91	117206m	0.454	ppbv	
72) 4-Ethyltoluene	15.172	105	108676	0.395	ppbv #	95
73) 1,3,5-Trimethylbenzene	15.333	105	100995m	0.423	ppbv	
74) 1,2,4-Trimethylbenzene	16.079	105	126032	0.442	ppbv	95
75) 1,3-Dichlorobenzene	16.307	146	86427	0.491	ppbv	93
76) 1,4-Dichlorobenzene	16.452	146	76460	0.441	ppbv	87
77) 1,2-Dichlorobenzene	17.117	146	87843m	0.507	ppbv	
78) Hexachloro-1,3-Butadiene	22.609	225	77655m	0.537	ppbv	
79) Naphthalene	21.358	128	72907m	0.360	ppbv	
80) Naphthalene,2-methyl-	24.355	142	34080	0.240	ppbv	92
81) 1,2,4-Trichlorobenzene	21.124	180	51734m	0.392	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.166 min Scan# 798
Delta R.T. -0.003 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

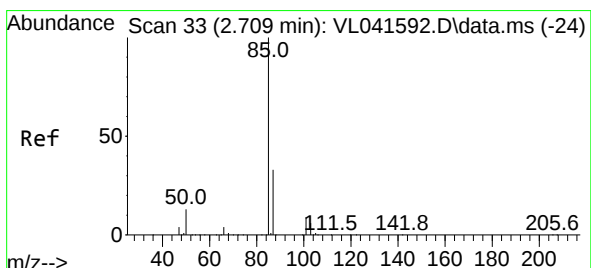
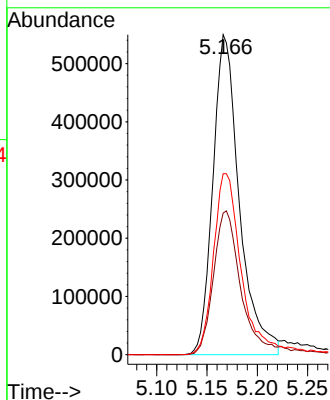
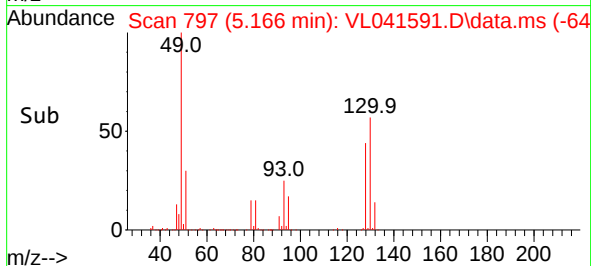
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 49 Resp: 1007870
Ion Ratio Lower Upper
49 100
128 49.2 23.8 71.5
130 62.4 30.4 91.3

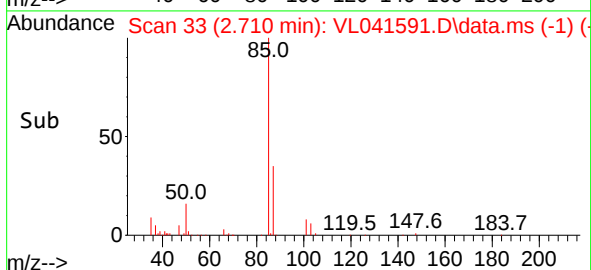
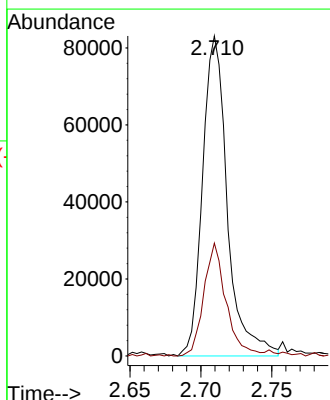
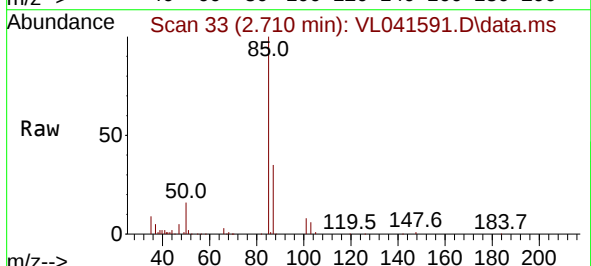
Manual Integrations
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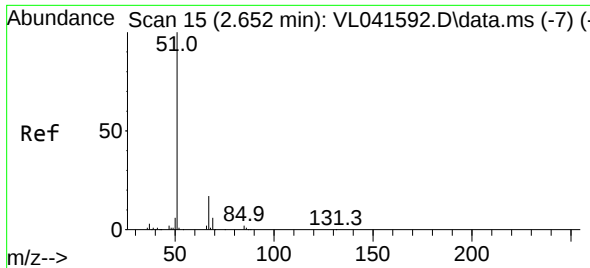
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#2
Dichlorodifluoromethane
Concen: 0.723 ppbv
RT: 2.710 min Scan# 33
Delta R.T. 0.000 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

Tgt Ion: 85 Resp: 101189
Ion Ratio Lower Upper
85 100
87 35.2 26.3 39.5





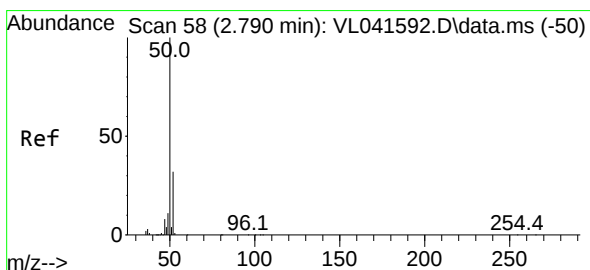
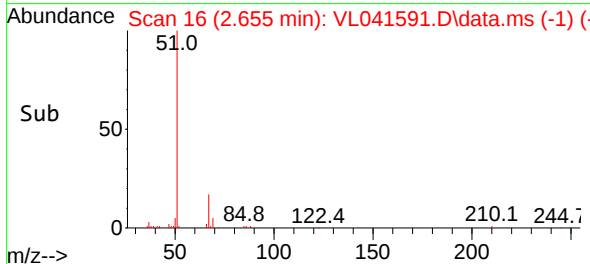
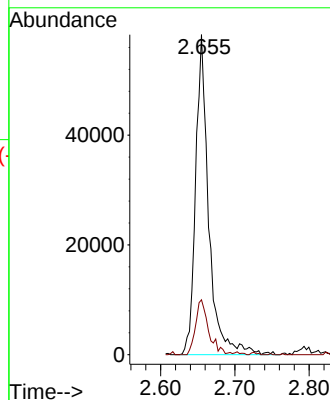
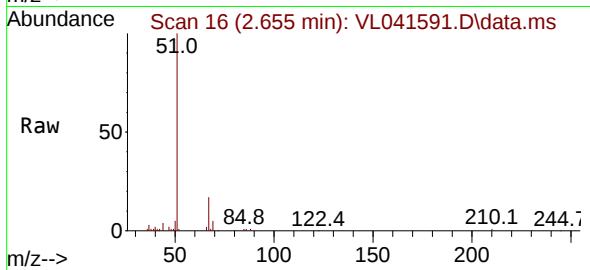
#3
Chlorodifluoromethane
Concen: 0.601 ppbv
RT: 2.655 min Scan# 15
Delta R.T. 0.003 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 51 Resp: 71898
Ion Ratio Lower Upper
51 100
67 18.0 14.1 21.1

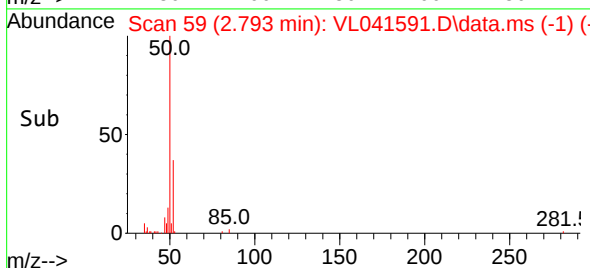
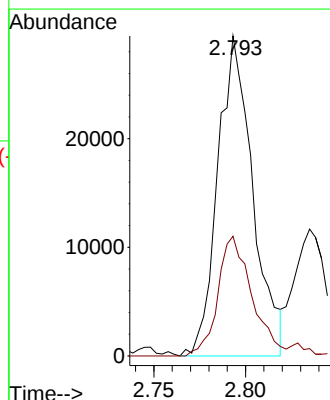
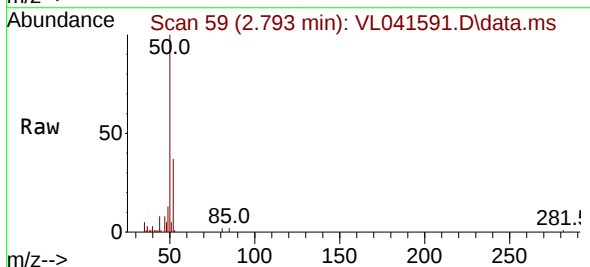
Manual Integrations
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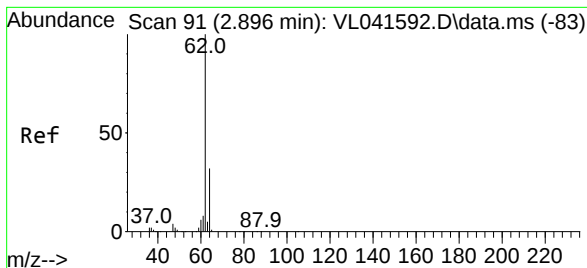
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#4
Chloromethane
Concen: 0.689 ppbv
RT: 2.793 min Scan# 59
Delta R.T. 0.003 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

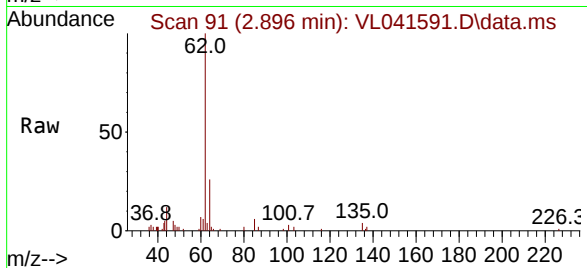
Tgt Ion: 50 Resp: 39035
Ion Ratio Lower Upper
50 100
52 37.4 25.4 38.2





#5
 Vinyl Chloride
 Concen: 0.554 ppbv
 RT: 2.896 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VL041591.D
 Acq: 16 Sep 2024 12:36

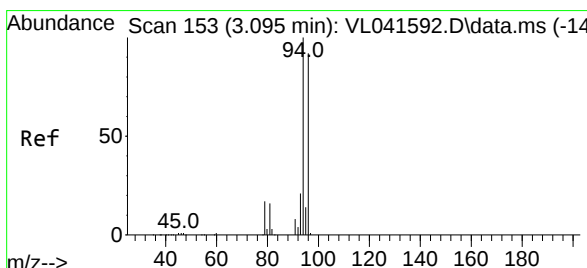
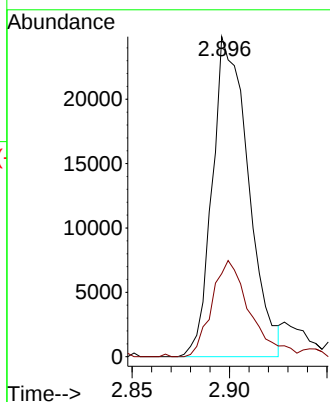
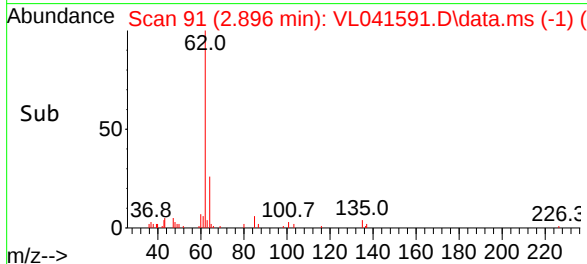
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 62 Resp: 31972
 Ion Ratio Lower Upper
 62 100
 64 27.6 26.0 39.0

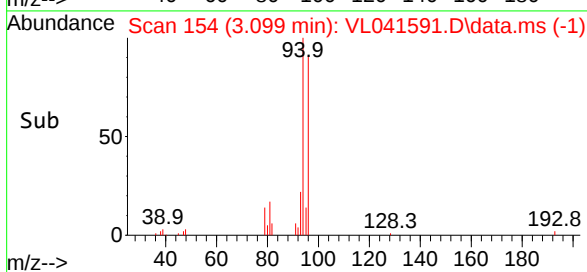
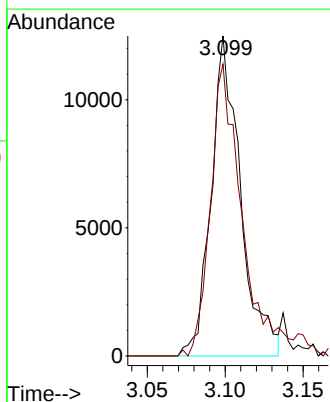
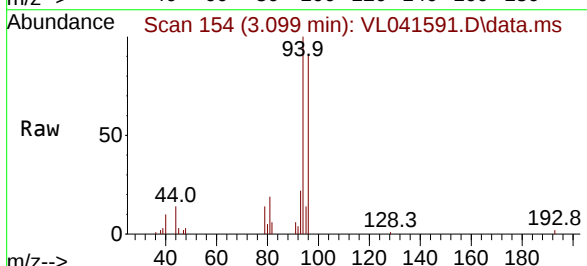
Manual Integrations
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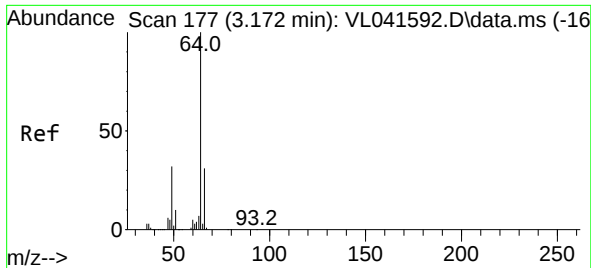
Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024



#6
 Bromomethane
 Concen: 0.584 ppbv
 RT: 3.099 min Scan# 154
 Delta R.T. 0.003 min
 Lab File: VL041591.D
 Acq: 16 Sep 2024 12:36

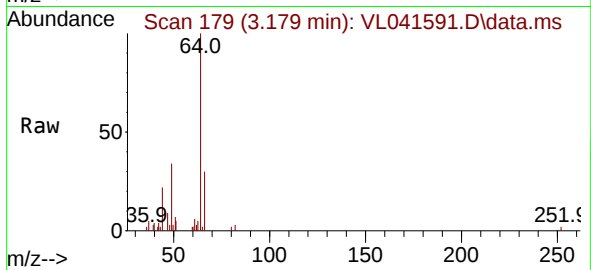
Tgt Ion: 94 Resp: 16392
 Ion Ratio Lower Upper
 94 100
 96 91.2 73.4 110.2





#7
Chloroethane
Concen: 0.613 ppbv
RT: 3.179 min Scan# 179
Delta R.T. 0.006 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

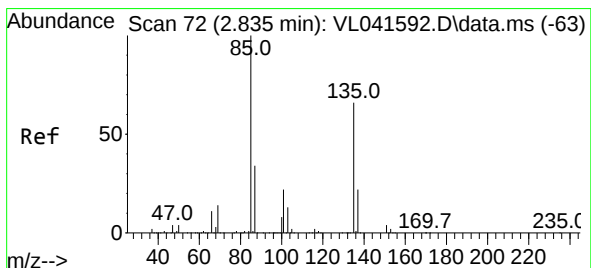
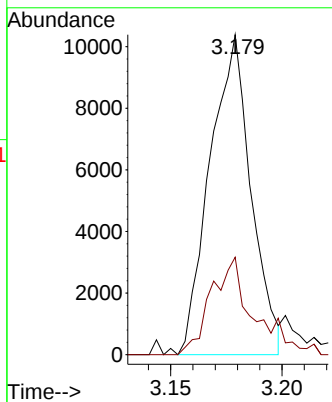
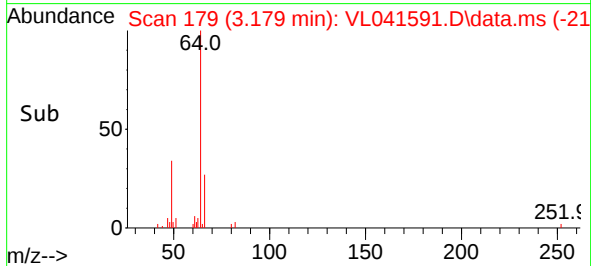
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 64 Resp: 13318
Ion Ratio Lower Upper
64 100
66 30.4 25.1 37.7

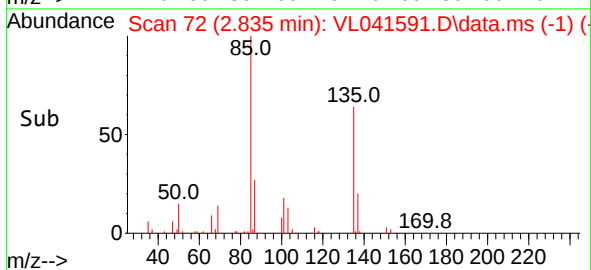
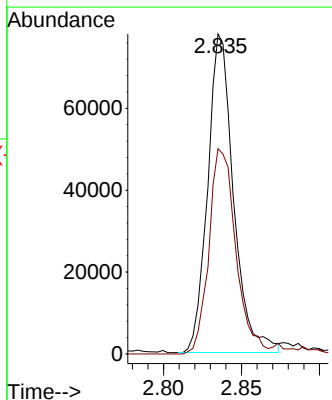
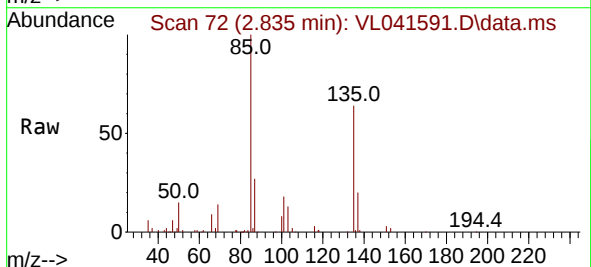
Manual Integrations
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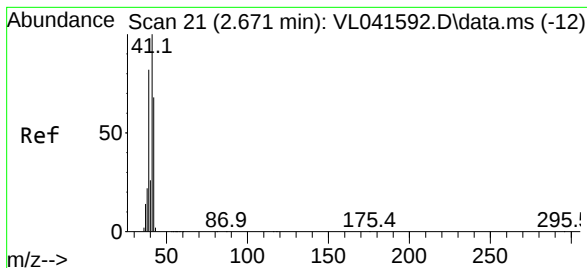
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#8
Dichlorotetrafluoroethane
Concen: 0.600 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.000 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

Tgt Ion: 85 Resp: 89844
Ion Ratio Lower Upper
85 100
135 71.1 53.9 80.9





#9

Propene

Concen: 0.485 ppbv

RT: 2.677 min Scan# 21

Delta R.T. 0.007 min

Lab File: VL041591.D

Acq: 16 Sep 2024 12:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 41 Resp: 25238

Ion Ratio Lower Upper

41 100

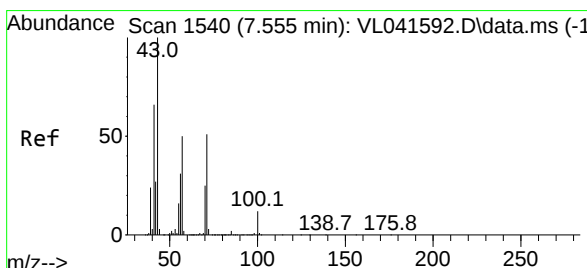
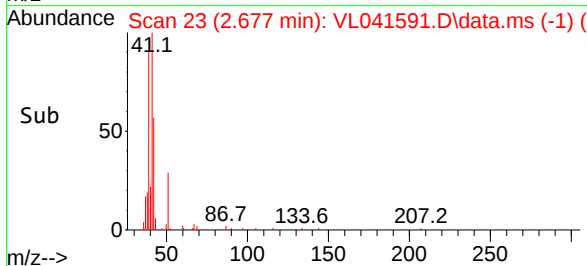
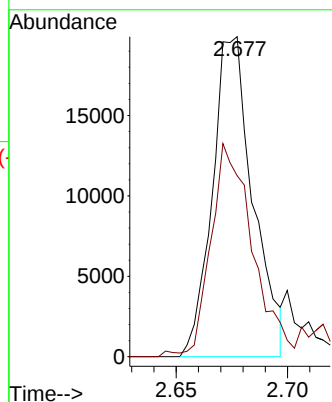
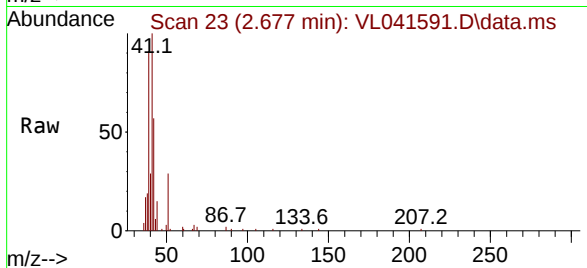
42 78.9 55.2 82.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#10

Heptane

Concen: 0.447 ppbv m

RT: 7.549 min Scan# 1538

Delta R.T. -0.006 min

Lab File: VL041591.D

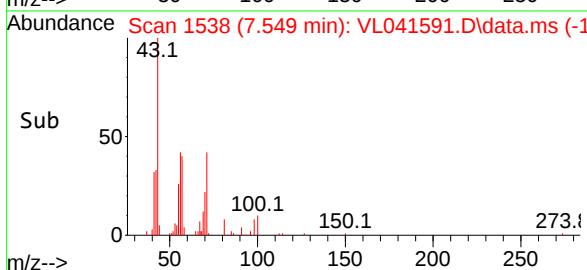
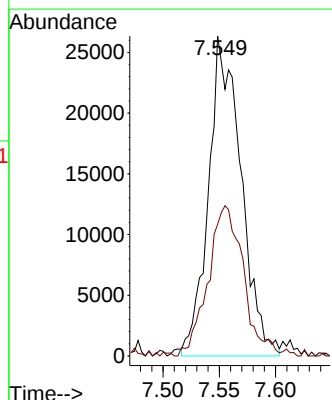
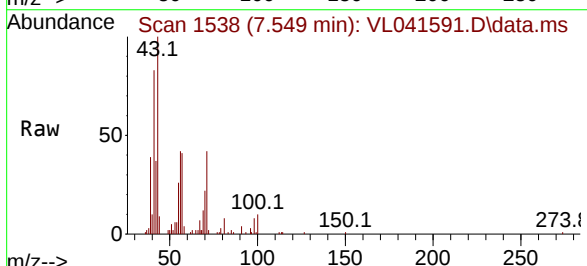
Acq: 16 Sep 2024 12:36

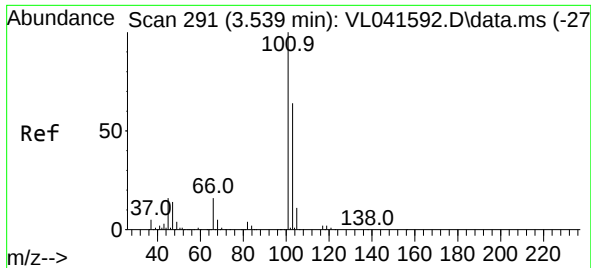
Tgt Ion: 43 Resp: 52953

Ion Ratio Lower Upper

43 100

57 0.0 39.8 59.8#





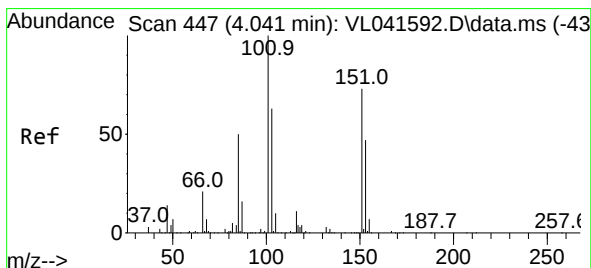
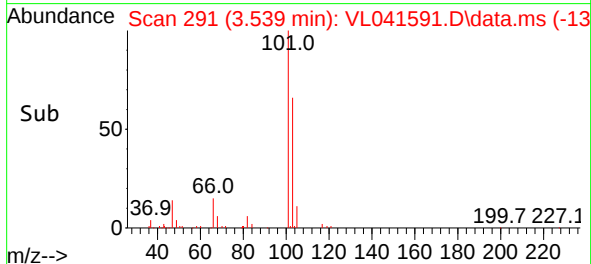
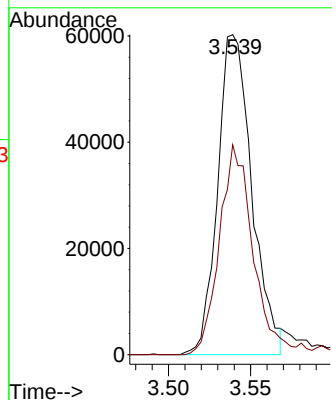
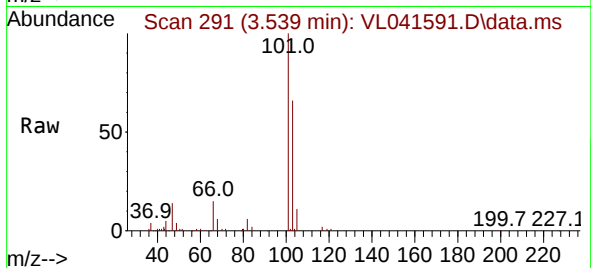
#11
 Trichlorofluoromethane
 Concen: 0.576 ppbv
 RT: 3.539 min Scan# 291
 Delta R.T. 0.000 min
 Lab File: VL041591.D
 Acq: 16 Sep 2024 12:36

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion:101 Resp: 87284
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.2 76.8

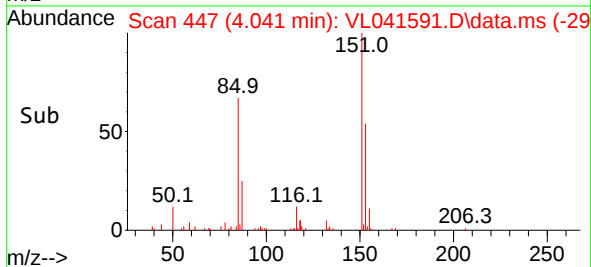
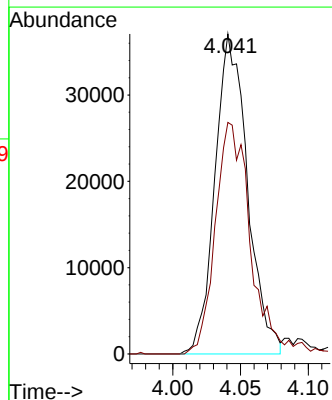
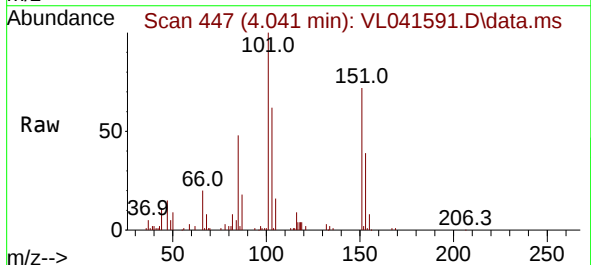
Manual Integrations
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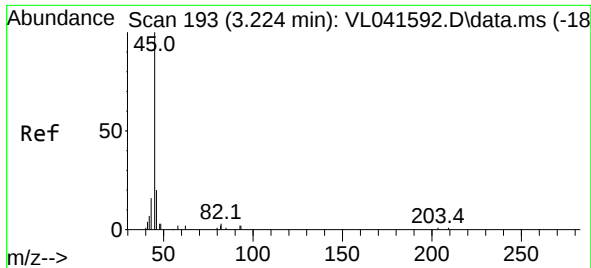
Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.562 ppbv
 RT: 4.041 min Scan# 447
 Delta R.T. 0.000 min
 Lab File: VL041591.D
 Acq: 16 Sep 2024 12:36

Tgt Ion:101 Resp: 61766
 Ion Ratio Lower Upper
 101 100
 151 79.9 59.4 89.2





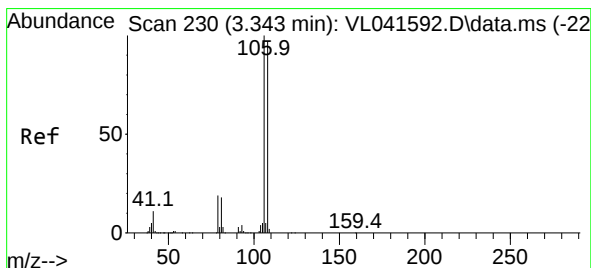
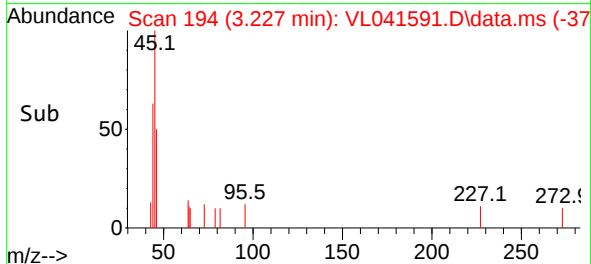
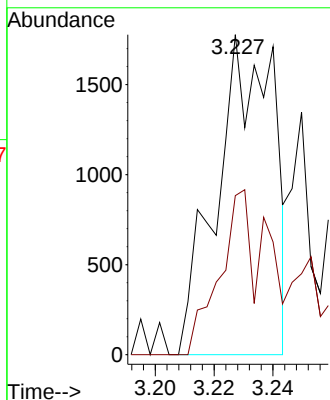
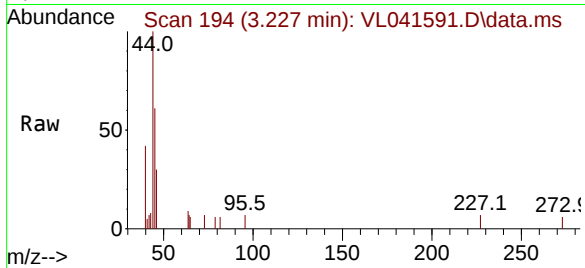
#13
Ethanol
Concen: 0.709 ppbv m
RT: 3.227 min Scan# 193
Delta R.T. 0.003 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 45 Resp: 2374
Ion Ratio Lower Upper
45 100
46 41.8 15.2 60.8

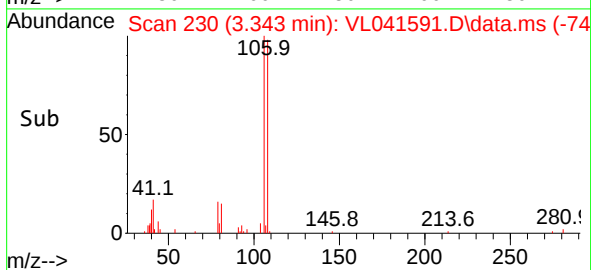
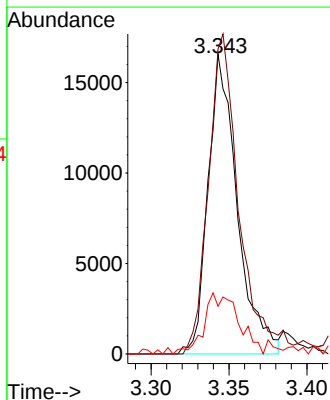
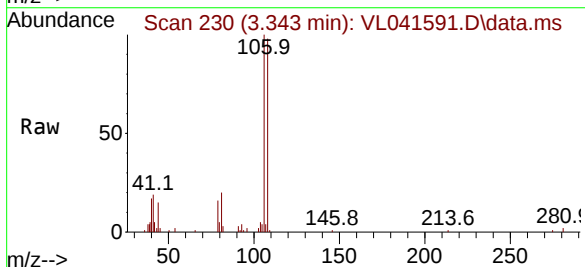
Manual Integrations
APPROVED

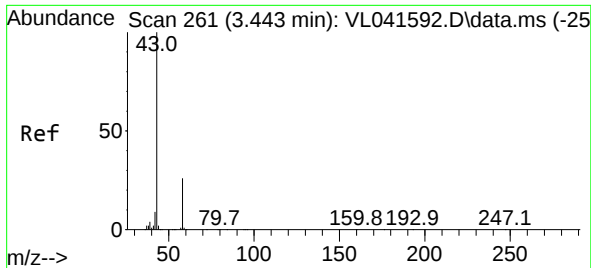
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#14
Bromoethene
Concen: 0.511 ppbv
RT: 3.343 min Scan# 230
Delta R.T. 0.000 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

Tgt Ion:108 Resp: 21604
Ion Ratio Lower Upper
108 100
106 116.8 86.5 129.7
79 27.1 16.2 24.4#





#15

Acetone

Concen: 0.777 ppbv

RT: 3.455 min Scan# 2

Delta R.T. 0.013 min

Lab File: VL041591.D

Acq: 16 Sep 2024 12:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 43 Resp: 8946

Ion Ratio Lower Upper

43 100

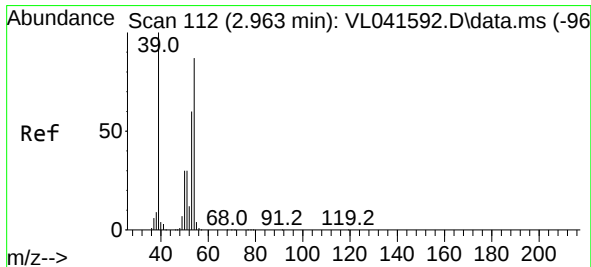
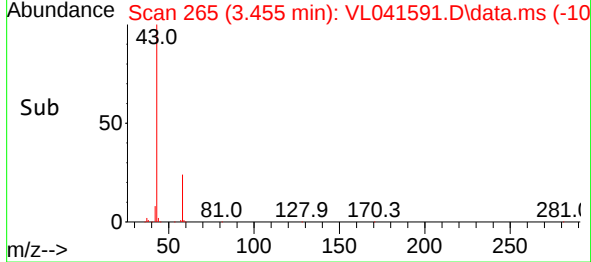
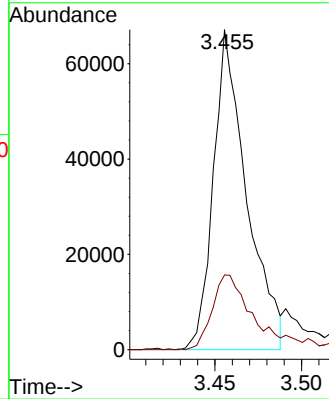
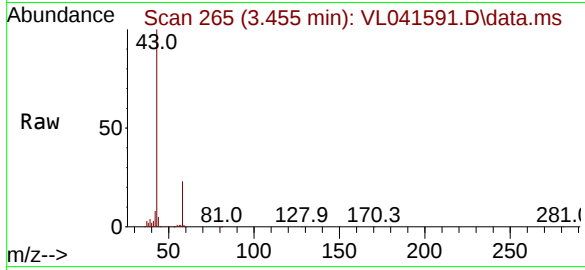
58 30.9 21.5 32.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#16

1,3-Butadiene

Concen: 0.578 ppbv

RT: 2.967 min Scan# 113

Delta R.T. 0.003 min

Lab File: VL041591.D

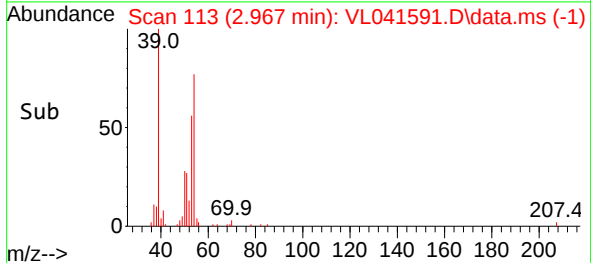
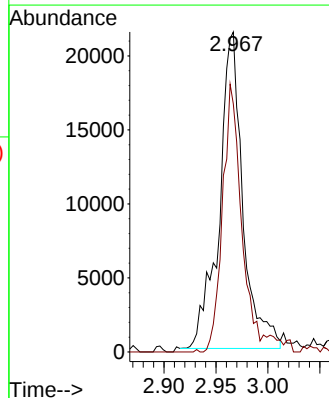
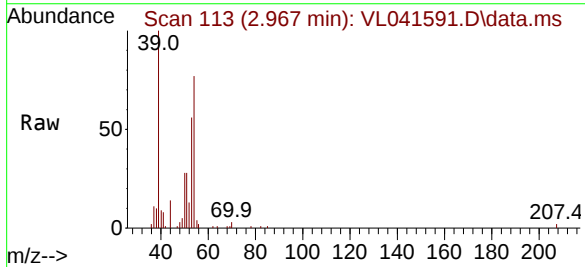
Acq: 16 Sep 2024 12:36

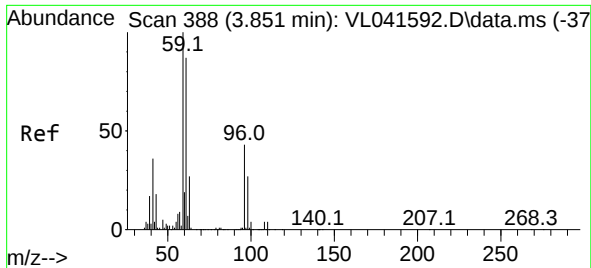
Tgt Ion: 39 Resp: 33974

Ion Ratio Lower Upper

39 100

54 72.2 62.9 94.3





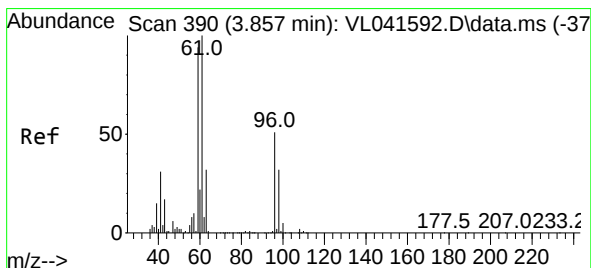
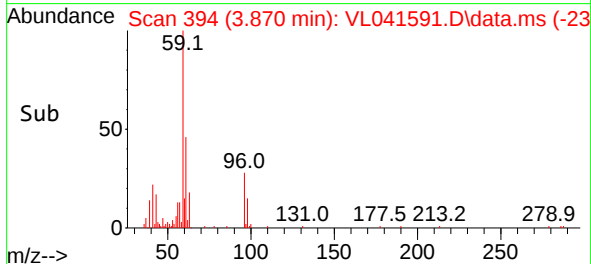
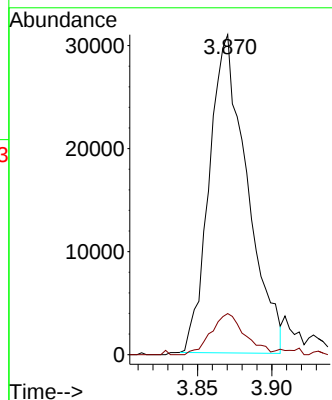
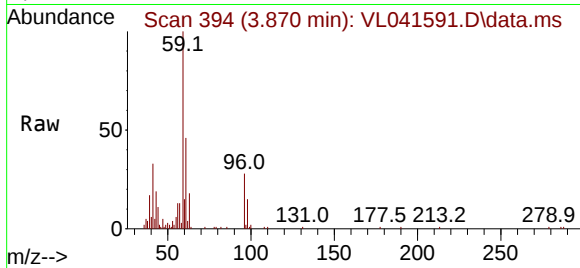
#17
tert-Butyl alcohol
Concen: 0.500 ppbv
RT: 3.870 min Scan# 394
Delta R.T. 0.019 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 59 Resp: 54674
Ion Ratio Lower Upper
59 100
57 12.8 8.7 13.1

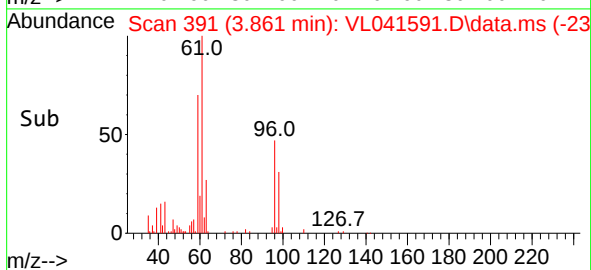
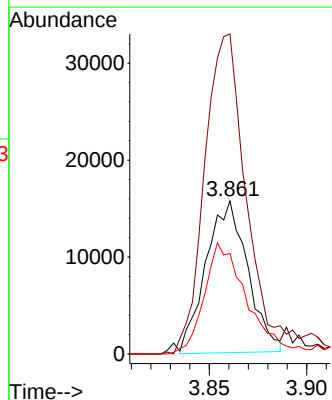
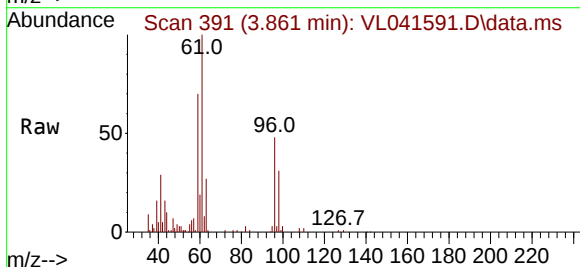
Manual Integrations
APPROVED

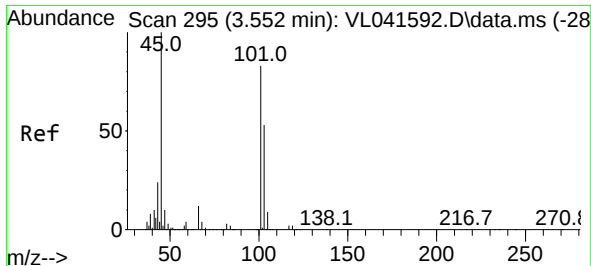
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#18
1,1-Dichloroethene
Concen: 0.483 ppbv
RT: 3.861 min Scan# 391
Delta R.T. 0.003 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

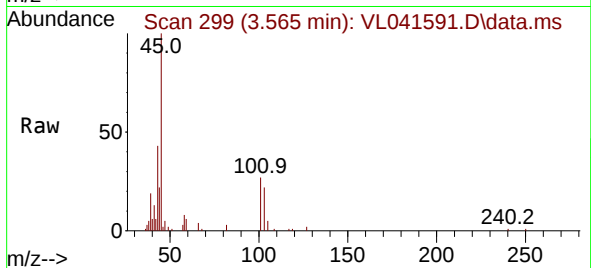
Tgt Ion: 96 Resp: 23326
Ion Ratio Lower Upper
96 100
61 202.5 155.6 233.4
98 63.3 50.6 75.8





#19
Isopropyl Alcohol
Concen: 0.560 ppbv m
RT: 3.565 min Scan# 295
Delta R.T. 0.013 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

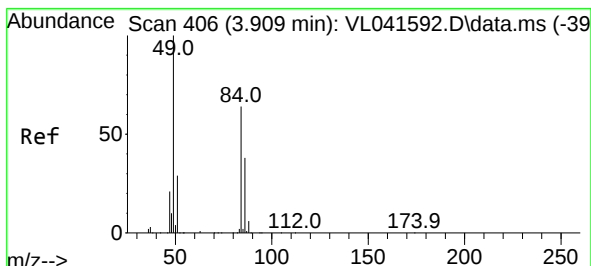
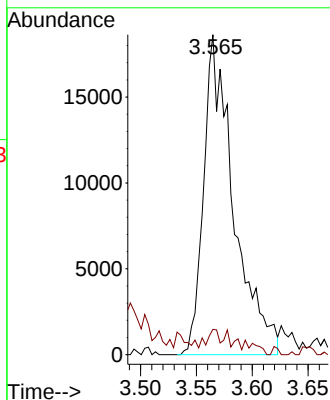
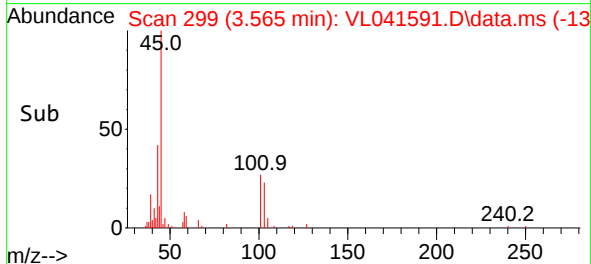
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 45 Resp: 34760
Ion Ratio Lower Upper
45 100
58 6.1 2.1 3.1

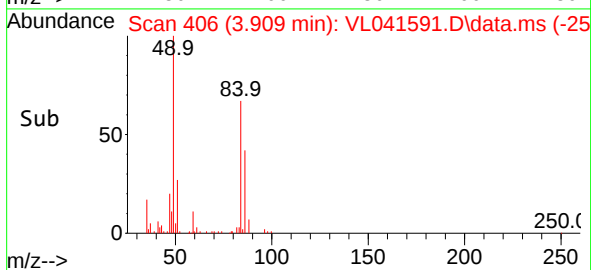
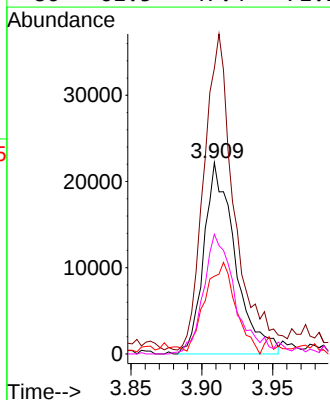
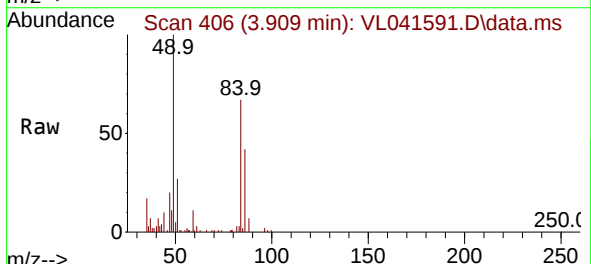
Manual Integrations
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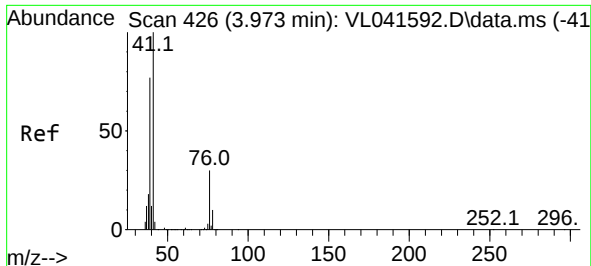
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#20
Methylene Chloride
Concen: 0.768 ppbv
RT: 3.909 min Scan# 406
Delta R.T. 0.000 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

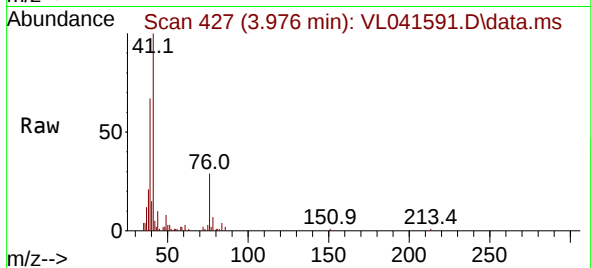
Tgt Ion: 84 Resp: 34011
Ion Ratio Lower Upper
84 100
49 147.2 124.3 186.5
51 36.9 36.3 54.5
86 61.5 47.4 71.2





#21
 Allyl Chloride
 Concen: 0.501 ppbv
 RT: 3.976 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041591.D
 Acq: 16 Sep 2024 12:36

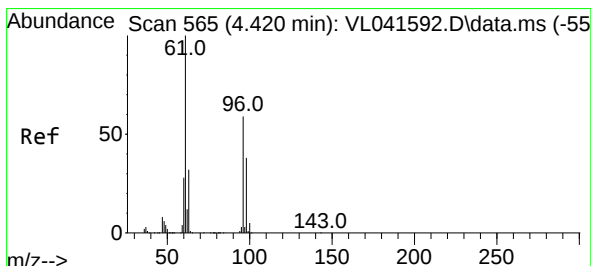
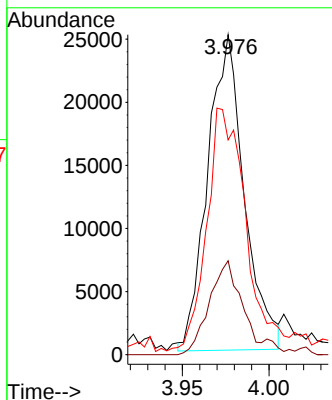
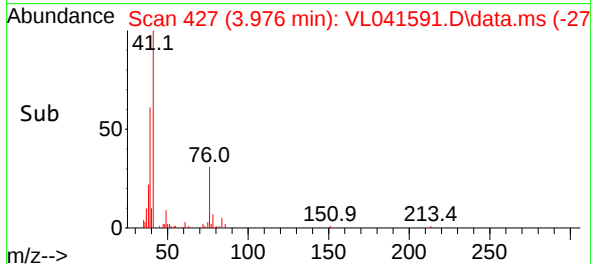
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 41 Resp: 3672
 Ion Ratio Lower Upper
 41 100
 76 29.0 23.8 35.6
 39 94.3 63.9 95.9

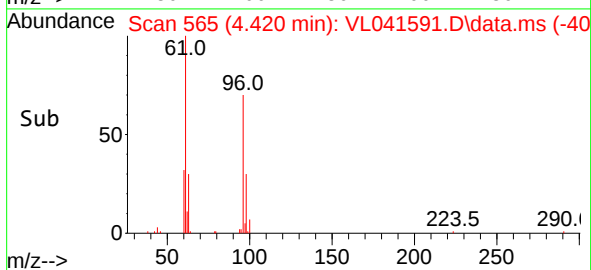
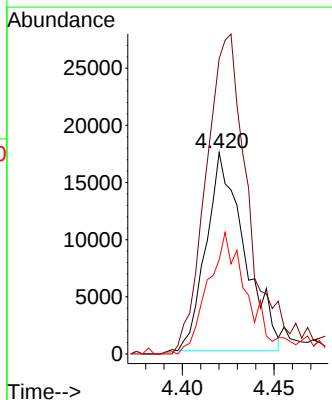
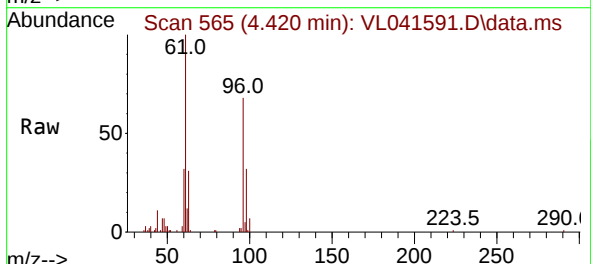
Manual Integrations
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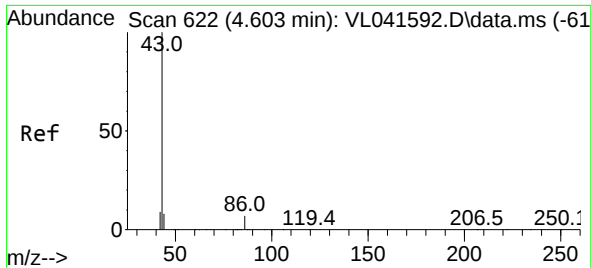
Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024



#22
 trans-1,2-Dichloroethene
 Concen: 0.536 ppbv
 RT: 4.420 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: VL041591.D
 Acq: 16 Sep 2024 12:36

Tgt Ion: 96 Resp: 25050
 Ion Ratio Lower Upper
 96 100
 61 144.7 135.7 203.5
 98 47.4 50.9 76.3#





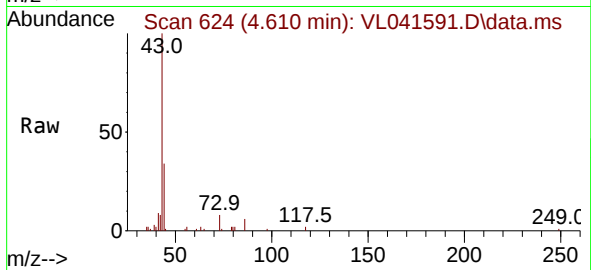
#23
 Vinyl Acetate
 Concen: 0.523 ppbv
 RT: 4.610 min Scan# 610
 Delta R.T. 0.007 min
 Lab File: VL041591.D
 Acq: 16 Sep 2024 12:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

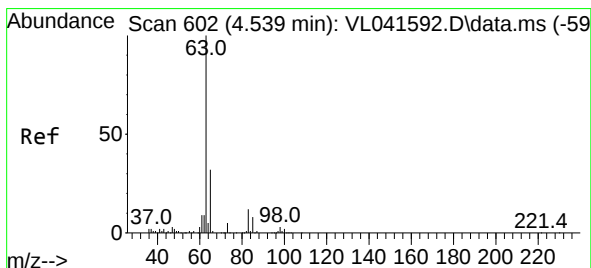
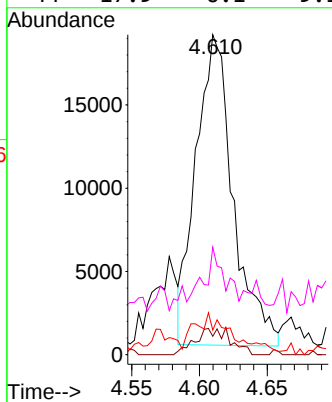
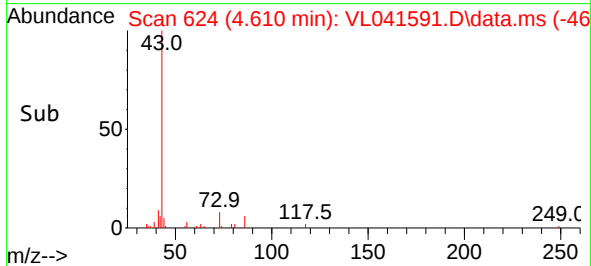


Tgt Ion: 43 Resp: 35784
 Ion Ratio Lower Upper
 43 100
 86 5.0 4.9 7.3
 42 7.2 8.0 12.0
 44 17.9 6.1 9.1#

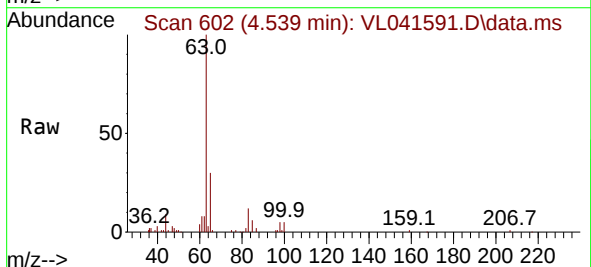
Manual Integrations

APPROVED

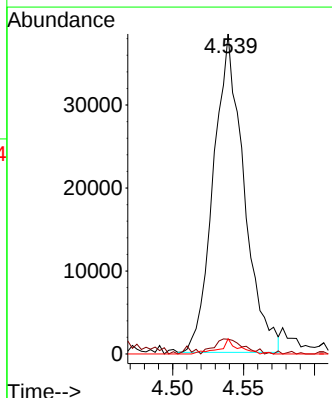
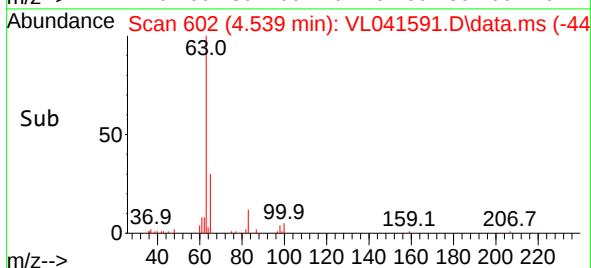
Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024

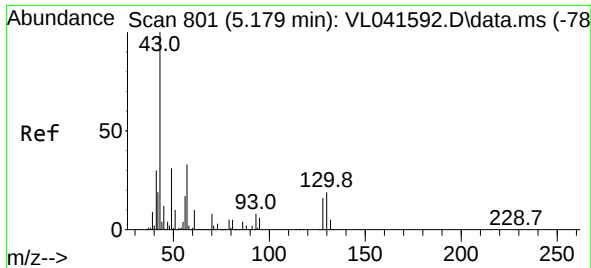


#24
 1,1-Dichloroethane
 Concen: 0.562 ppbv
 RT: 4.539 min Scan# 602
 Delta R.T. 0.000 min
 Lab File: VL041591.D
 Acq: 16 Sep 2024 12:36



Tgt Ion: 63 Resp: 57495
 Ion Ratio Lower Upper
 63 100
 98 4.6 1.7 5.1
 100 4.8 1.1 3.3#





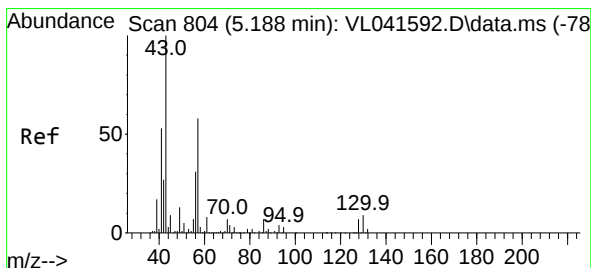
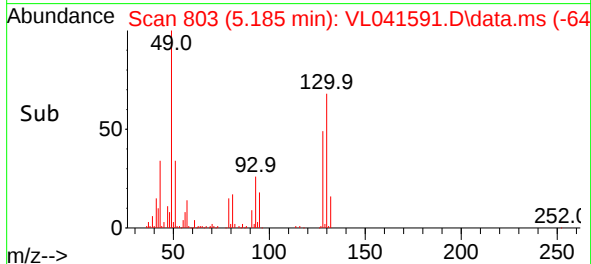
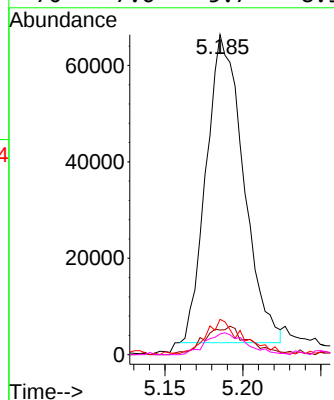
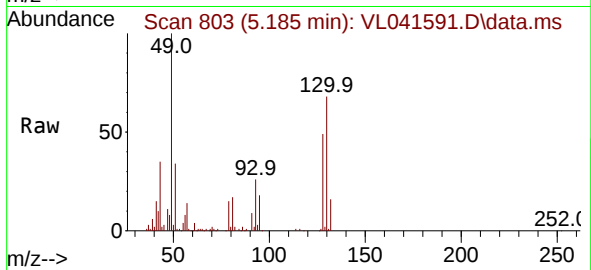
#25
Ethyl Acetate
Concen: 0.465 ppbv
RT: 5.185 min Scan# 801
Delta R.T. 0.007 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 106139
Ion Ratio Lower Upper
43 100
45 11.5 8.2 12.2
61 12.8 8.0 12.0
70 7.6 5.7 8.5

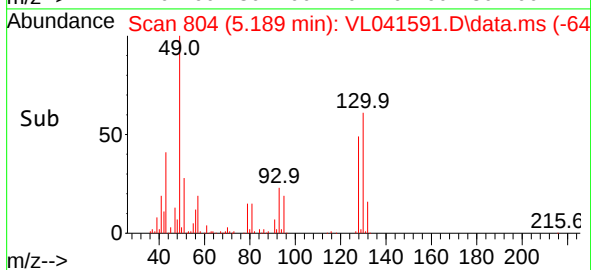
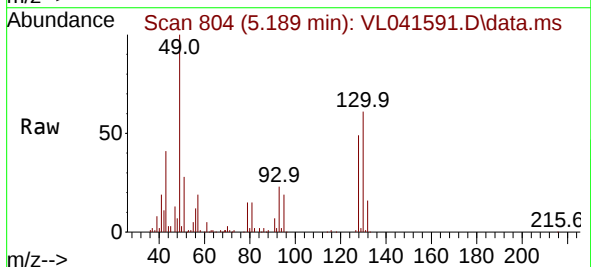
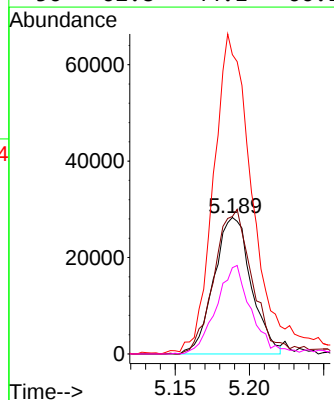
Manual Integrations
APPROVED

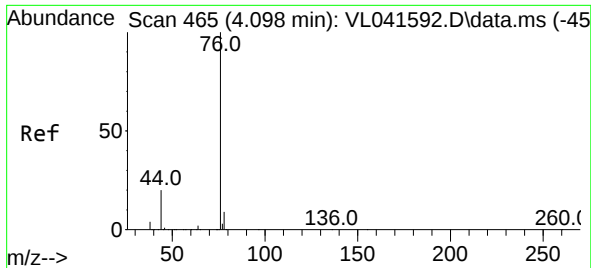
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#26
Hexane
Concen: 0.535 ppbv
RT: 5.189 min Scan# 804
Delta R.T. 0.000 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

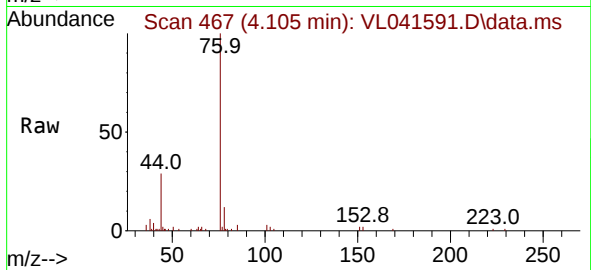
Tgt Ion: 57 Resp: 49338
Ion Ratio Lower Upper
57 100
41 113.4 75.7 113.5
43 258.0 198.5 297.7
56 62.8 44.1 66.1





#27
Carbon Disulfide
Concen: 0.435 ppbv
RT: 4.105 min Scan# 410
Delta R.T. 0.007 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

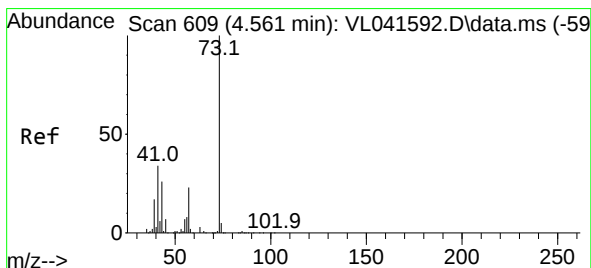
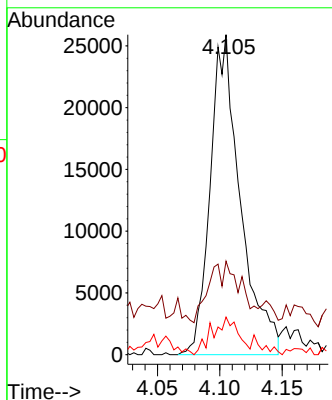
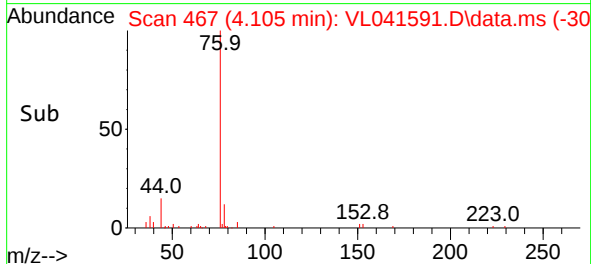
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 76 Resp: 43600
Ion Ratio Lower Upper
76 100
44 25.5 15.8 23.8
78 14.3 7.5 11.3

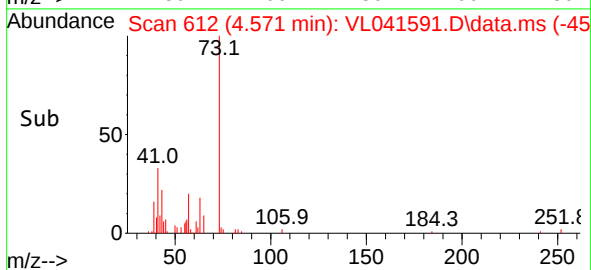
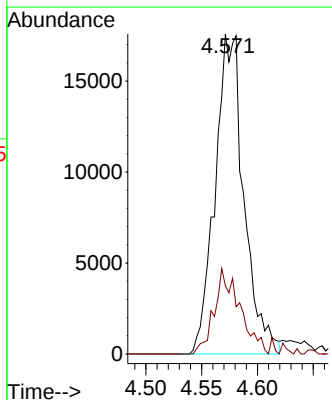
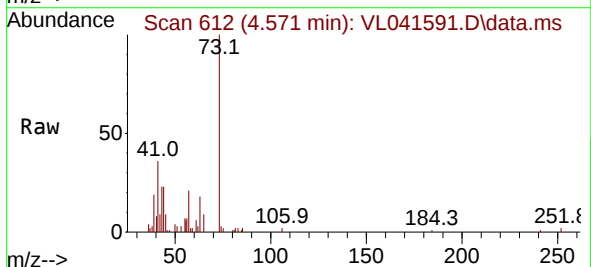
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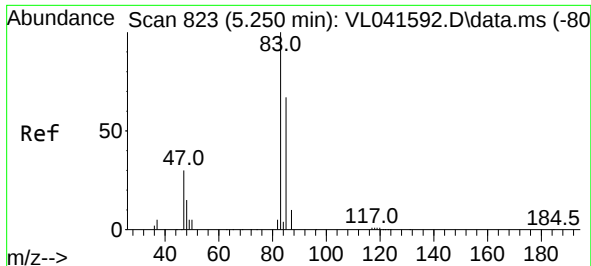
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#28
Methyl tert-Butyl Ether
Concen: 0.552 ppbv m
RT: 4.571 min Scan# 612
Delta R.T. 0.010 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

Tgt Ion: 73 Resp: 31629
Ion Ratio Lower Upper
73 100
57 24.3 19.3 28.9





#29

Chloroform

Concen: 0.566 ppbv

RT: 5.246 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL041591.D

Acq: 16 Sep 2024 12:36

Instrument :

MSVOA_L

ClientSampleId :

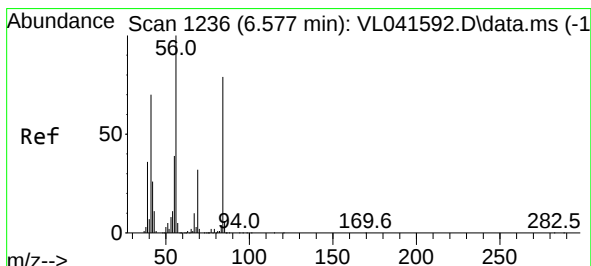
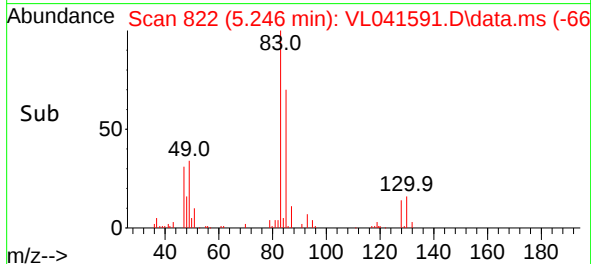
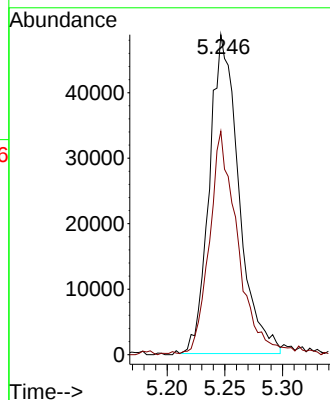
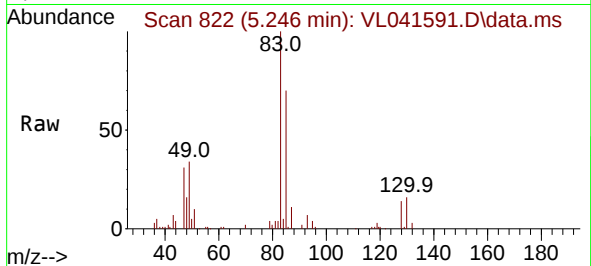
VSTDICC0.5

Tgt Ion: 83 Resp: 86434
 Ion Ratio Lower Upper
 83 100
 85 69.7 53.8 80.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024



#30

Cyclohexane

Concen: 0.419 ppbv m

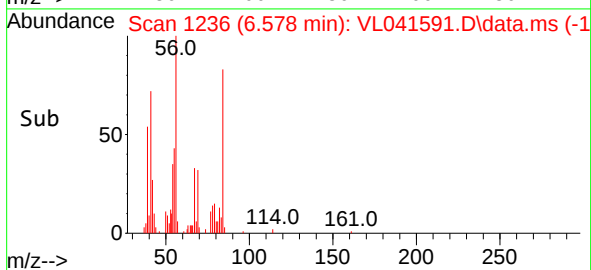
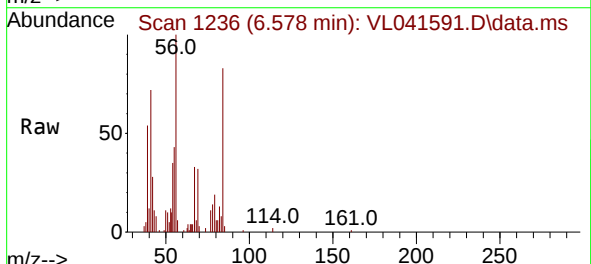
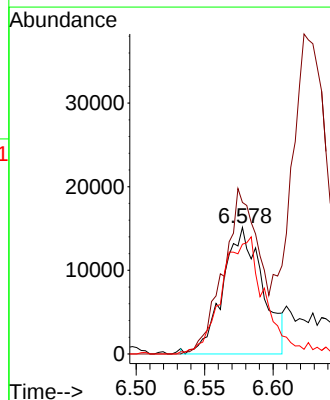
RT: 6.578 min Scan# 1236

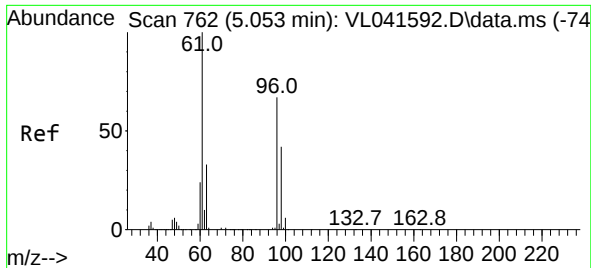
Delta R.T. 0.000 min

Lab File: VL041591.D

Acq: 16 Sep 2024 12:36

Tgt Ion: 84 Resp: 30381
 Ion Ratio Lower Upper
 84 100
 56 127.6 111.5 167.3
 41 0.0 70.9 106.3#





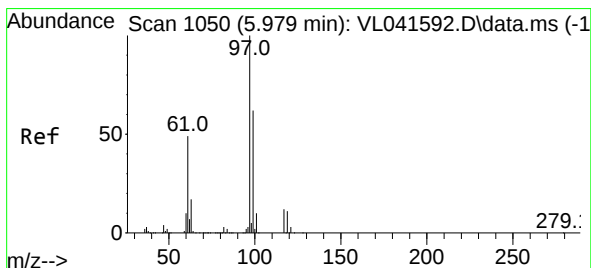
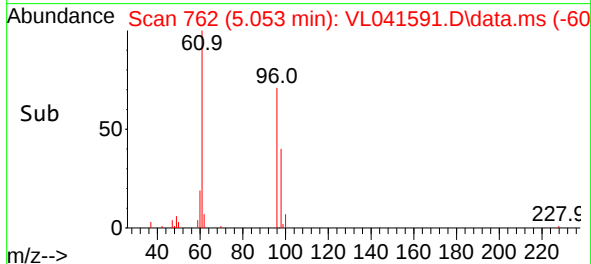
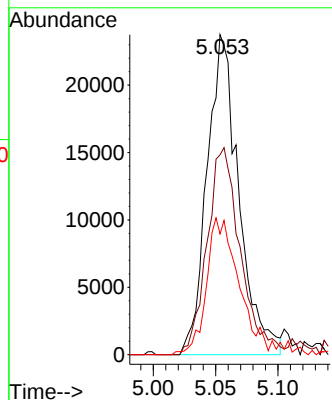
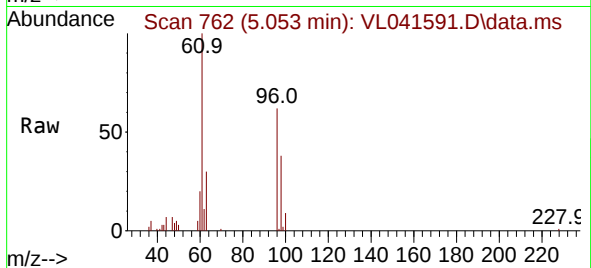
#31
 cis-1,2-Dichloroethene
 Concen: 0.473 ppbv
 RT: 5.053 min Scan# 762
 Delta R.T. 0.000 min
 Lab File: VL041591.D
 Acq: 16 Sep 2024 12:36

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 61 Resp: 42150
 Ion Ratio Lower Upper
 61 100
 96 62.4 53.5 80.3
 98 36.8 33.7 50.5

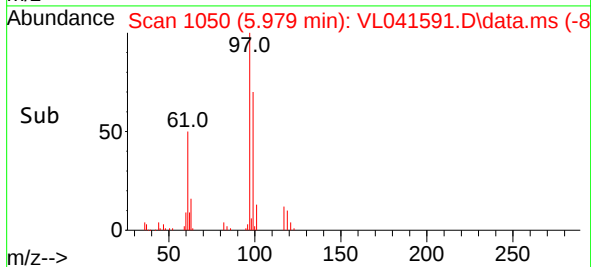
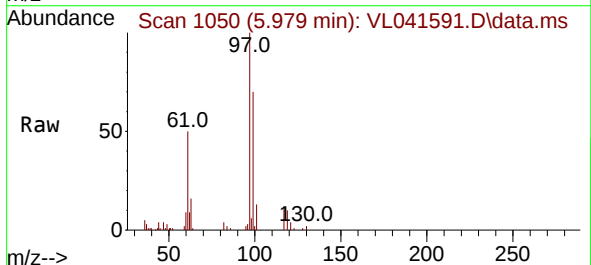
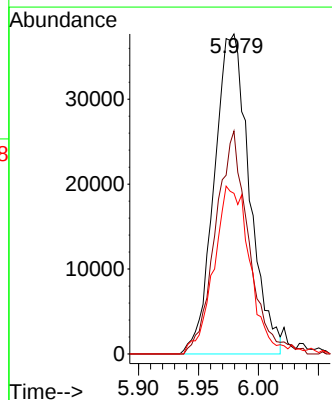
Manual Integrations
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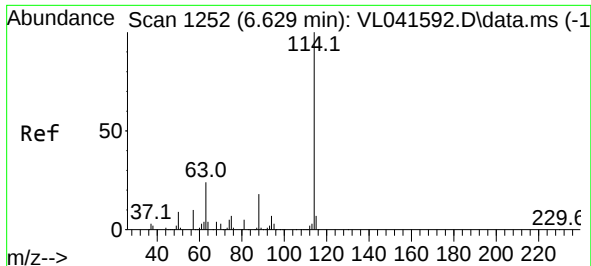
Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024



#32
 1,1,1-Trichloroethane
 Concen: 0.568 ppbv
 RT: 5.979 min Scan# 1050
 Delta R.T. 0.000 min
 Lab File: VL041591.D
 Acq: 16 Sep 2024 12:36

Tgt Ion: 97 Resp: 77056
 Ion Ratio Lower Upper
 97 100
 99 65.9 51.0 76.4
 61 54.7 41.0 61.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.626 min Scan# 114

Delta R.T. -0.003 min

Lab File: VL041591.D

Acq: 16 Sep 2024 12:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:114 Resp: 2828824

Ion Ratio Lower Upper

114 100

63 25.5 20.2 30.2

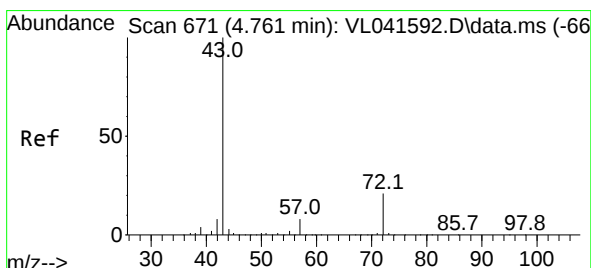
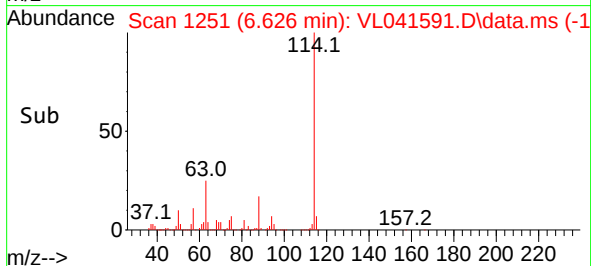
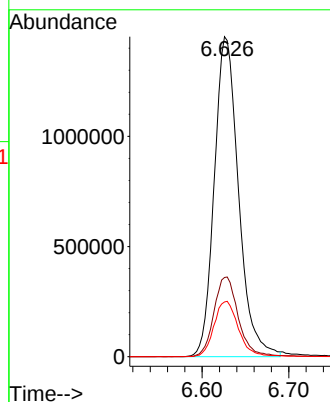
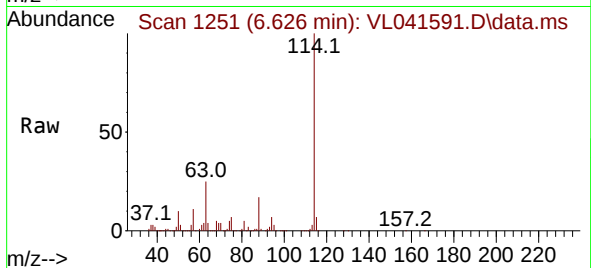
88 17.7 14.2 21.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#34

2-Butanone

Concen: 0.569 ppbv m

RT: 4.777 min Scan# 676

Delta R.T. 0.016 min

Lab File: VL041591.D

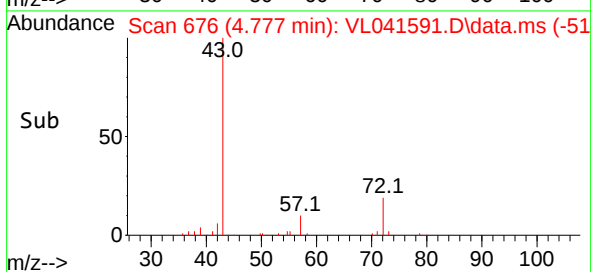
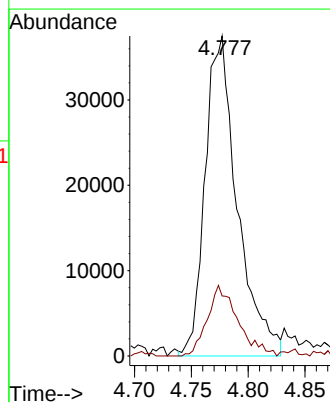
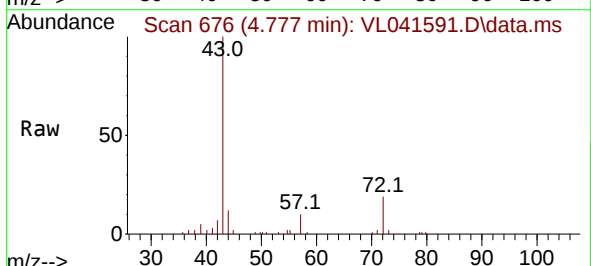
Acq: 16 Sep 2024 12:36

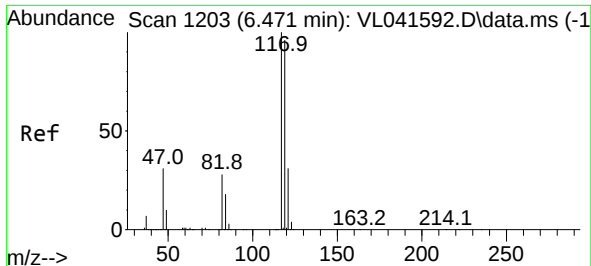
Tgt Ion: 43 Resp: 73717

Ion Ratio Lower Upper

43 100

72 22.5 16.8 25.2





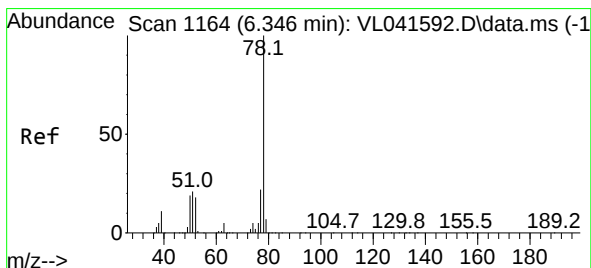
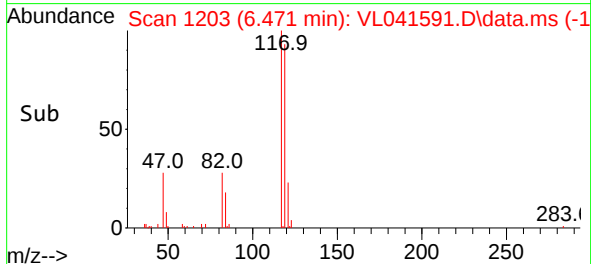
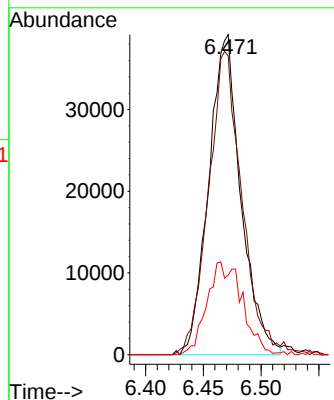
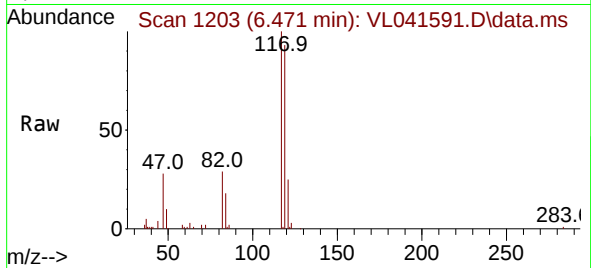
#35
Carbon Tetrachloride
Concen: 0.554 ppbv
RT: 6.471 min Scan# 117
Delta R.T. 0.000 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 117 Resp: 7584
Ion Ratio Lower Upper
117 100
119 91.8 76.8 115.2
121 24.9 25.0 37.6

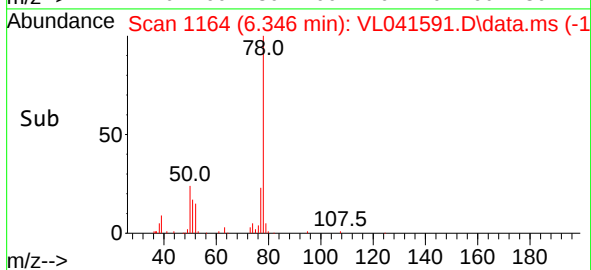
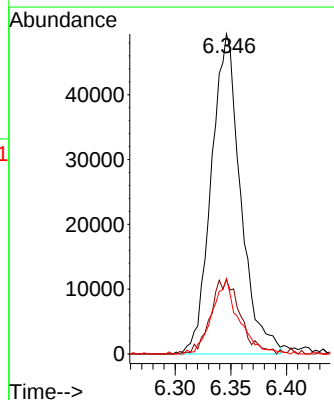
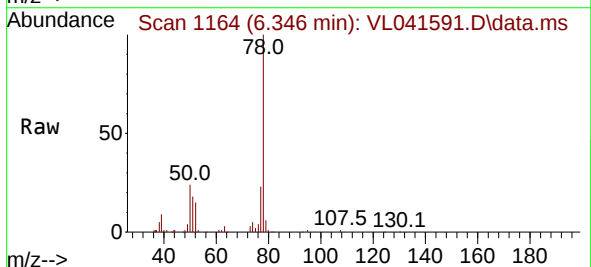
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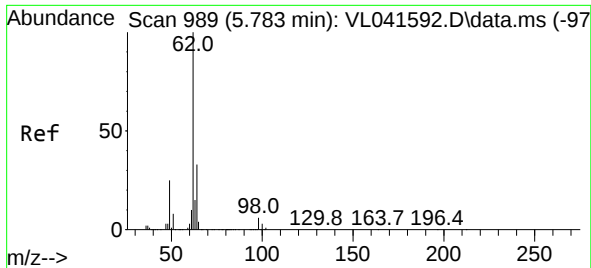
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#36
Benzene
Concen: 0.465 ppbv
RT: 6.346 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

Tgt Ion: 78 Resp: 90490
Ion Ratio Lower Upper
78 100
77 22.5 17.8 26.6
50 23.5 15.4 23.0





#37

1,2-Dichloroethane

Concen: 0.511 ppbv

RT: 5.783 min Scan# 91

Delta R.T. 0.000 min

Lab File: VL041591.D

Acq: 16 Sep 2024 12:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 62 Resp: 5786

Ion Ratio Lower Upper

62 100

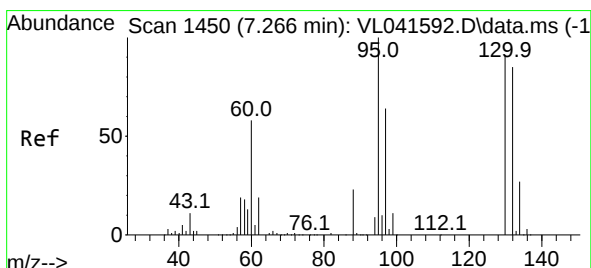
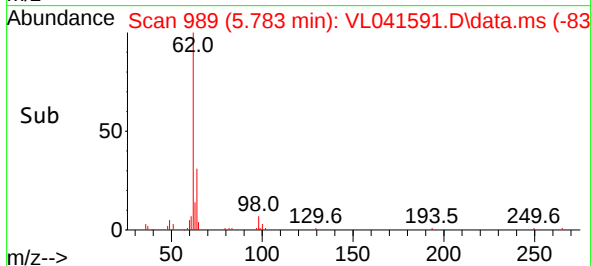
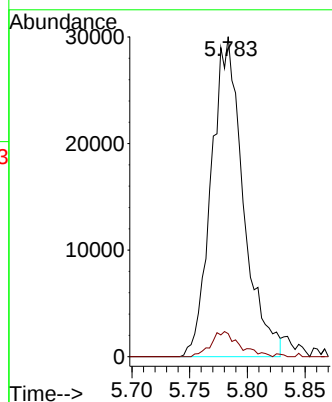
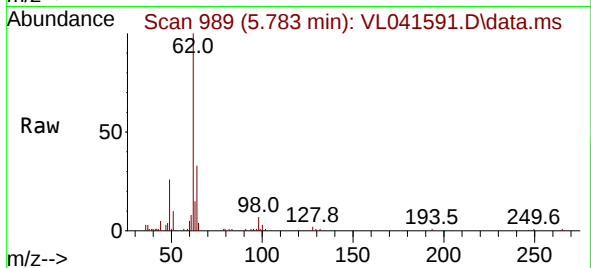
98 7.3 4.8 7.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#38

Trichloroethene

Concen: 0.502 ppbv m

RT: 7.269 min Scan# 1451

Delta R.T. 0.003 min

Lab File: VL041591.D

Acq: 16 Sep 2024 12:36

Tgt Ion:130 Resp: 50656

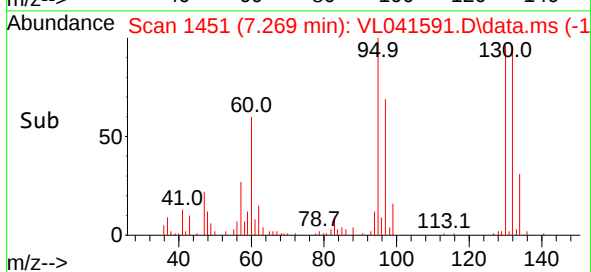
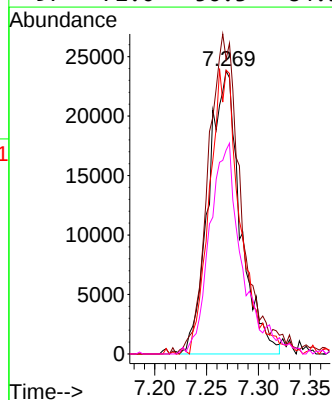
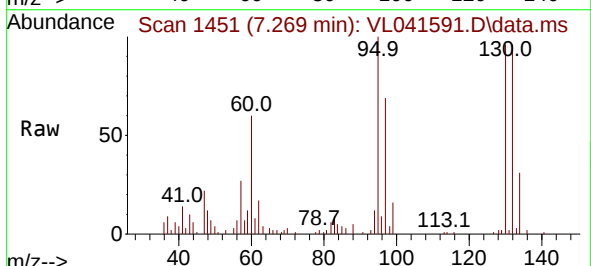
Ion Ratio Lower Upper

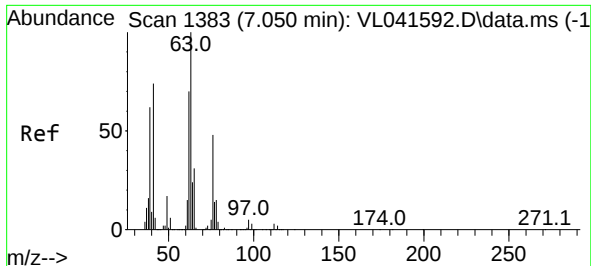
130 100

95 104.1 87.7 131.5

132 100.3 74.5 111.7

97 72.0 56.3 84.5





#39

1,2-Dichloropropane

Concen: 0.523 ppbv m

RT: 7.044 min Scan# 1455

Delta R.T. -0.006 min

Lab File: VL041591.D

Acq: 16 Sep 2024 12:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 63 Resp: 4145

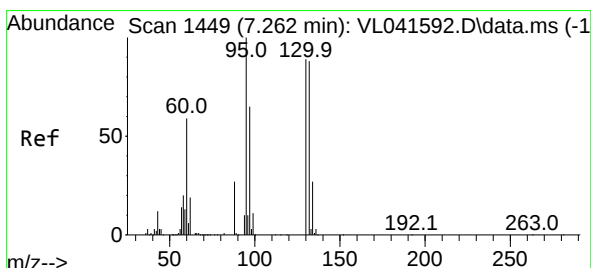
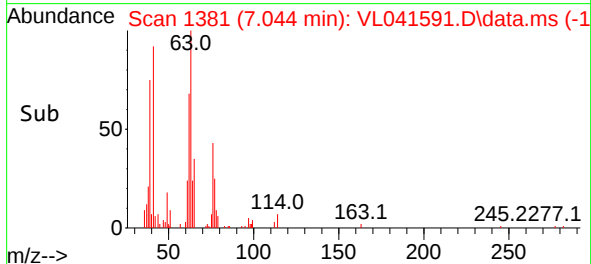
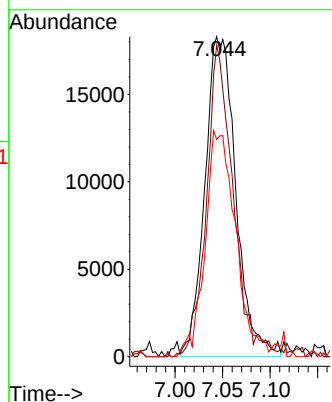
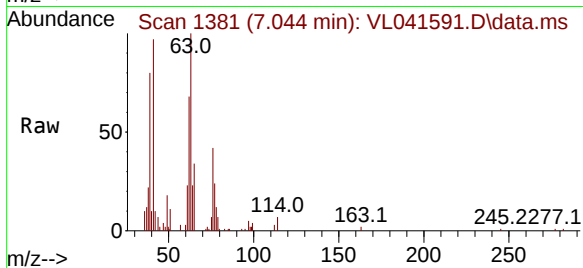
Ion	Ratio	Lower	Upper
63	100		
41	97.3	59.5	89.3
62	67.9	56.2	84.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#40

1,4-Dioxane

Concen: 0.554 ppbv m

RT: 7.304 min Scan# 1462

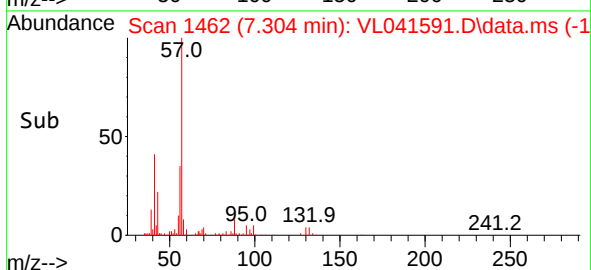
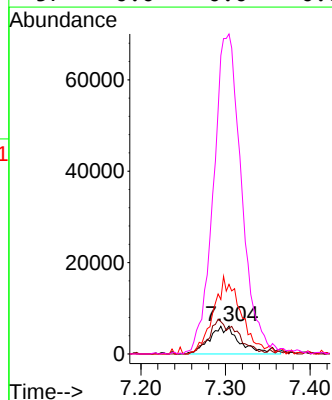
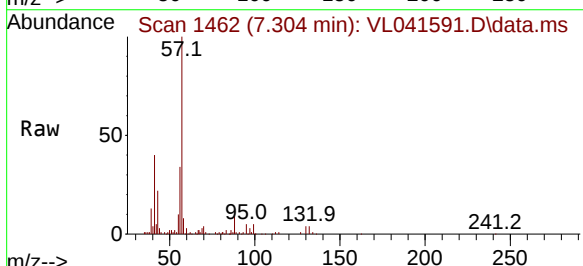
Delta R.T. 0.042 min

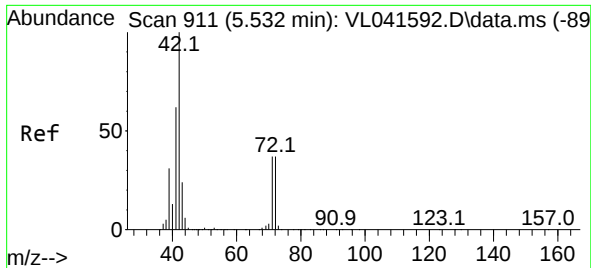
Lab File: VL041591.D

Acq: 16 Sep 2024 12:36

Tgt Ion: 88 Resp: 15716

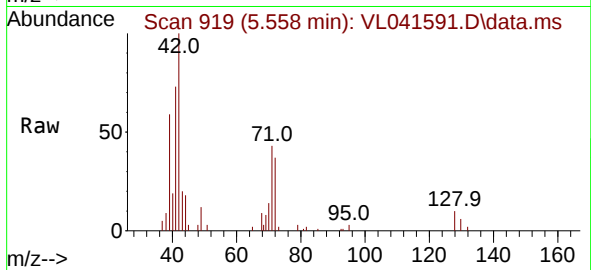
Ion	Ratio	Lower	Upper
88	100		
58	0.0	100.2	150.4
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 0.397 ppbv
RT: 5.558 min Scan# 911
Delta R.T. 0.026 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

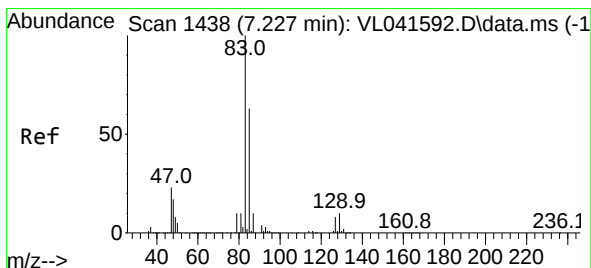
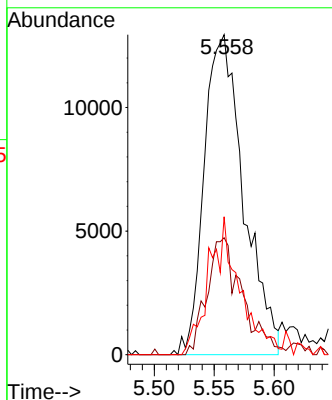
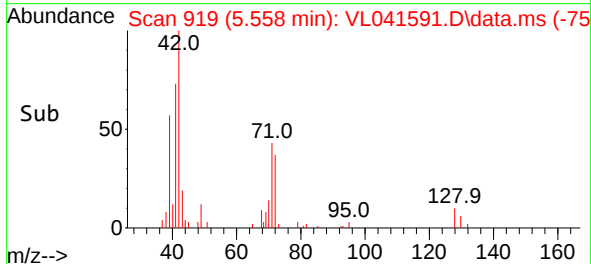
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



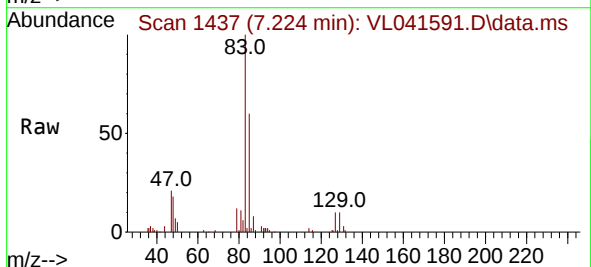
Tgt Ion: 42 Resp: 2957
Ion Ratio Lower Upper
42 100
72 32.9 30.2 45.2
71 37.1 29.6 44.4

Manual Integrations
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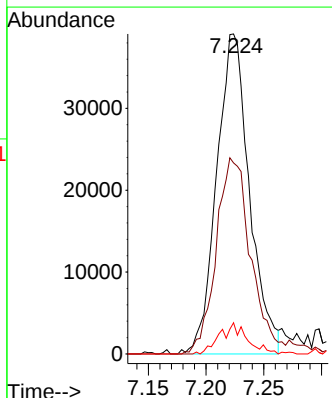
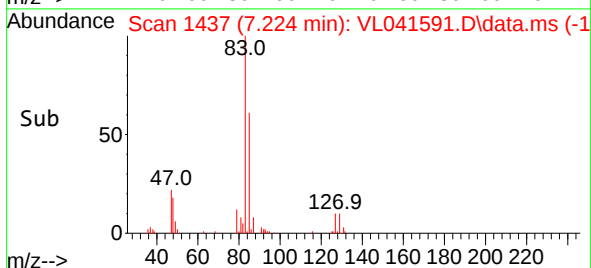
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

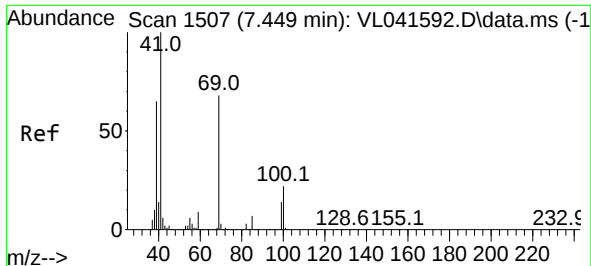


#42
Bromodichloromethane
Concen: 0.499 ppbv
RT: 7.224 min Scan# 1437
Delta R.T. -0.003 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36



Tgt Ion: 83 Resp: 77287
Ion Ratio Lower Upper
83 100
85 59.7 50.5 75.7
127 9.8 6.5 9.7#





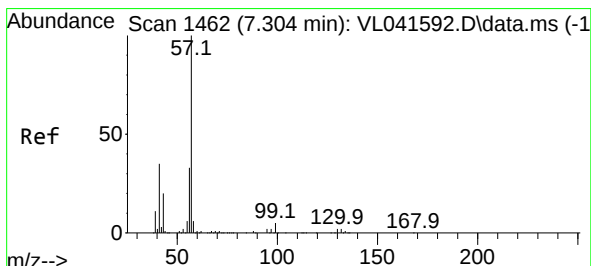
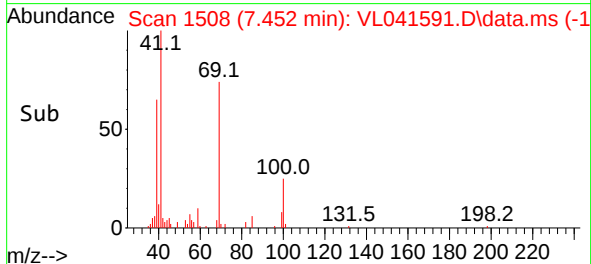
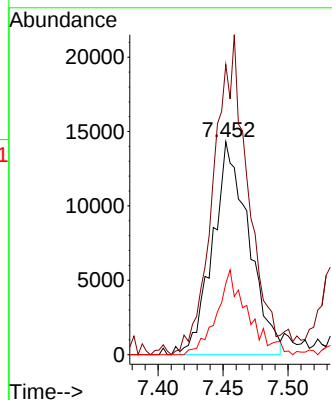
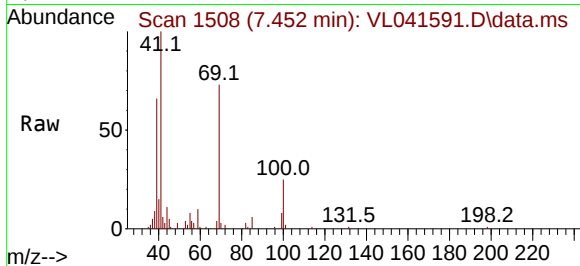
#43
Methyl Methacrylate
Concen: 0.393 ppbv
RT: 7.452 min Scan# 1508
Delta R.T. 0.003 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 69 Resp: 27610
Ion Ratio Lower Upper
69 100
41 146.2 121.8 182.6
100 35.3 26.5 39.7

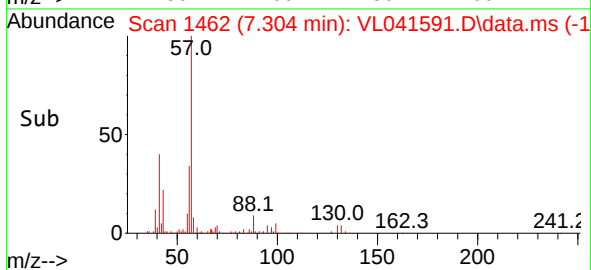
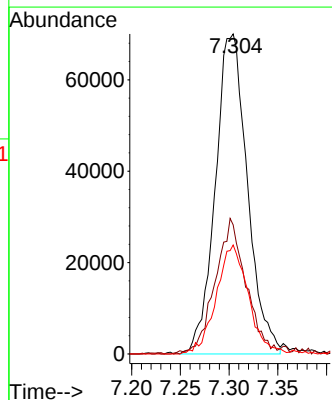
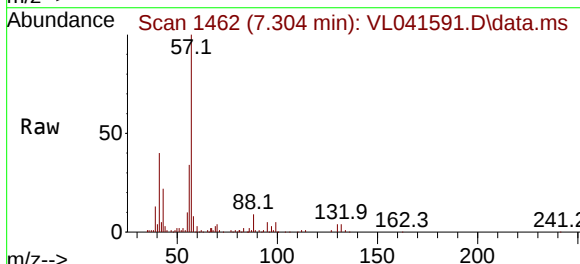
Manual Integrations
APPROVED

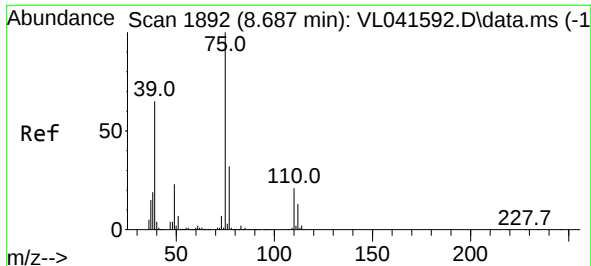
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#44
2,2,4-Trimethylpentane
Concen: 0.479 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.000 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

Tgt Ion: 57 Resp: 160219
Ion Ratio Lower Upper
57 100
41 42.4 27.0 40.6#
56 34.6 25.5 38.3





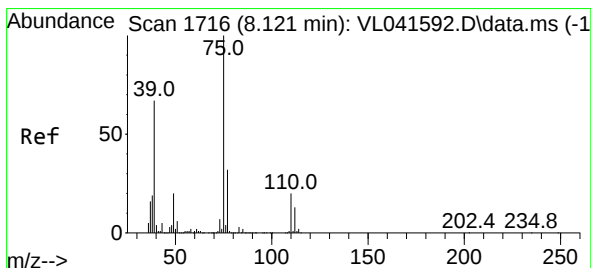
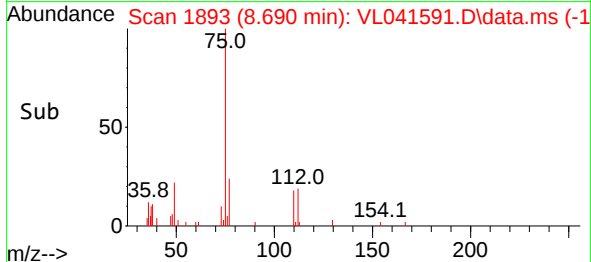
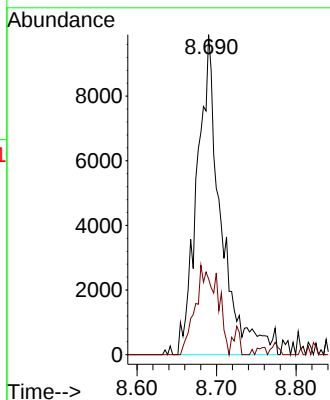
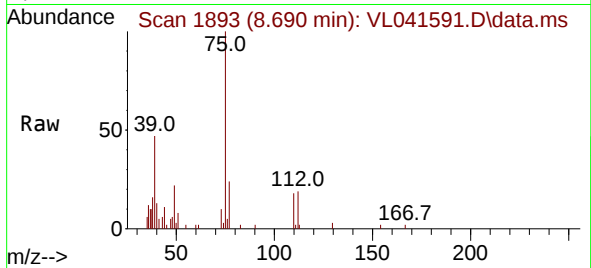
#45
t-1,3-Dichloropropene
Concen: 0.367 ppbv m
RT: 8.690 min Scan# 1892
Delta R.T. 0.003 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 75 Resp: 20590
Ion Ratio Lower Upper
75 100
77 23.7 25.4 38.0

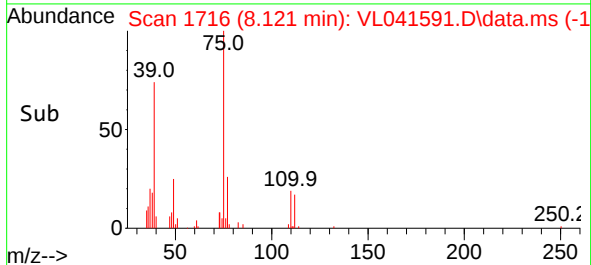
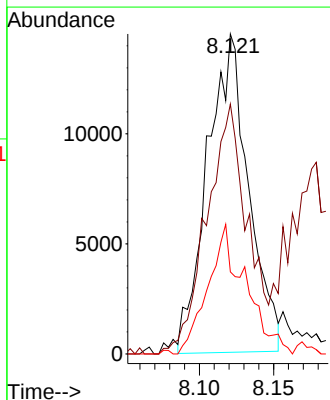
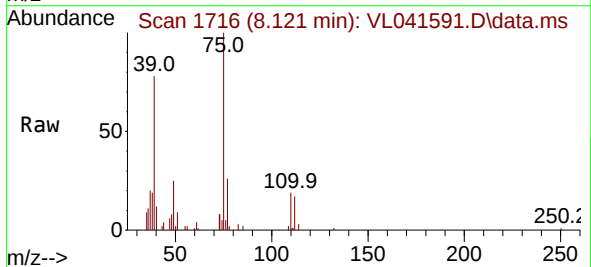
Manual Integrations
APPROVED

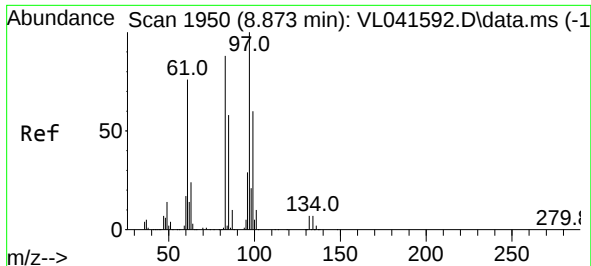
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#46
cis-1,3-Dichloropropene
Concen: 0.331 ppbv
RT: 8.121 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

Tgt Ion: 75 Resp: 27915
Ion Ratio Lower Upper
75 100
39 76.1 54.0 81.0
77 26.4 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 0.499 ppbv

RT: 8.876 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VL041591.D

Acq: 16 Sep 2024 12:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 97 Resp: 4198

Ion Ratio Lower Upper

97 100

83 83.9 70.2 105.4

85 63.2 46.3 69.5

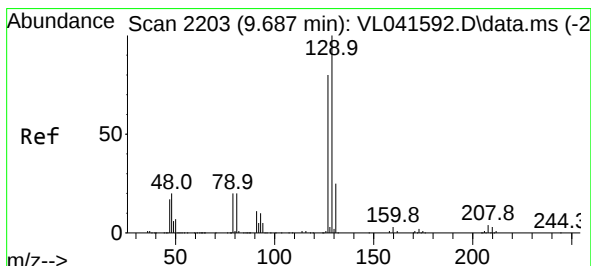
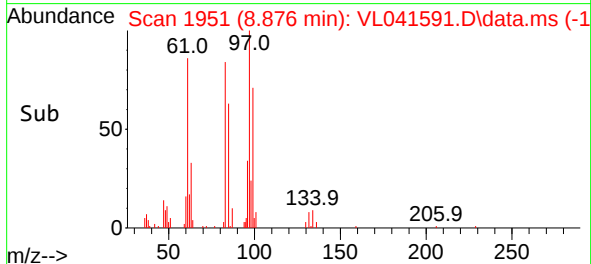
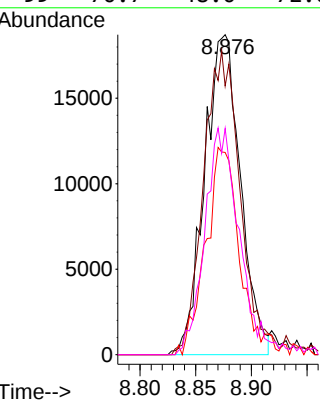
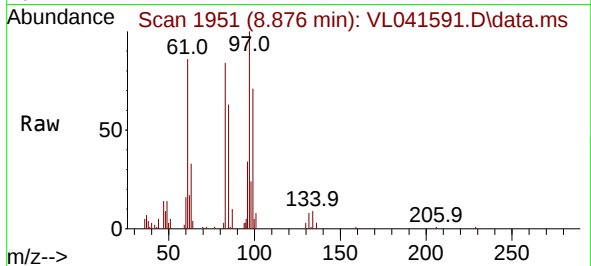
99 70.7 48.0 72.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#48

Dibromochloromethane

Concen: 0.447 ppbv m

RT: 9.687 min Scan# 2203

Delta R.T. 0.000 min

Lab File: VL041591.D

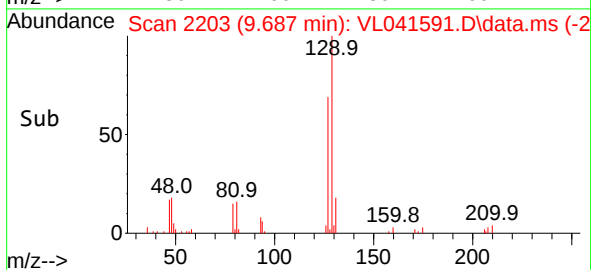
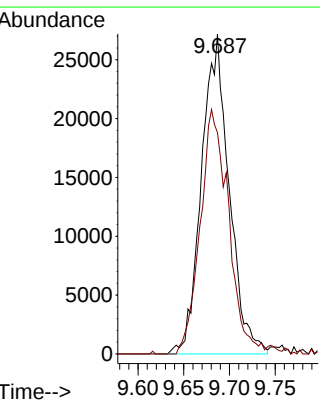
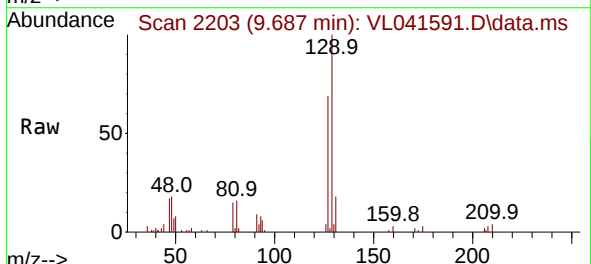
Acq: 16 Sep 2024 12:36

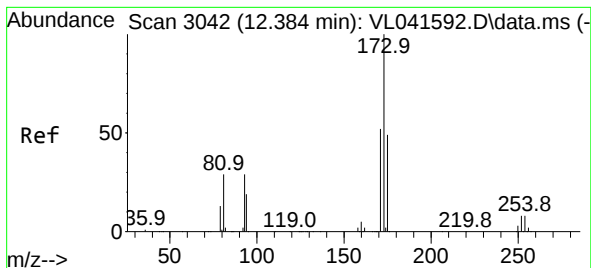
Tgt Ion:129 Resp: 56924

Ion Ratio Lower Upper

129 100

127 79.9 39.3 117.9





#49

Bromoform

Concen: 0.424 ppbv m

RT: 12.375 min Scan# 3042

Delta R.T. -0.010 min

Lab File: VL041591.D

Acq: 16 Sep 2024 12:36

Instrument :

MSVOA_L

ClientSampleId :

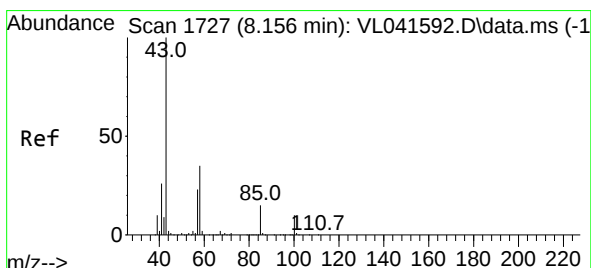
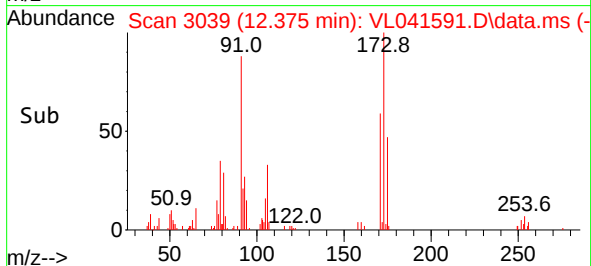
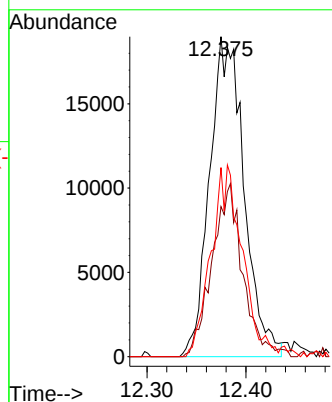
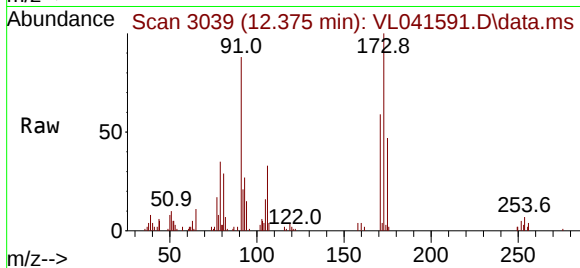
VSTDICC0.5

Tgt Ion:173 Resp: 45890
 Ion Ratio Lower Upper
 173 100
 175 0.0 40.1 60.1
 171 0.0 42.2 63.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024



#50

4-Methyl-2-Pentanone

Concen: 0.424 ppbv m

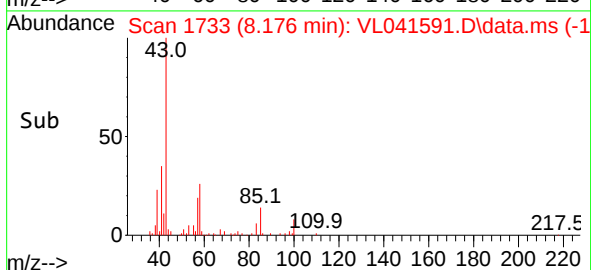
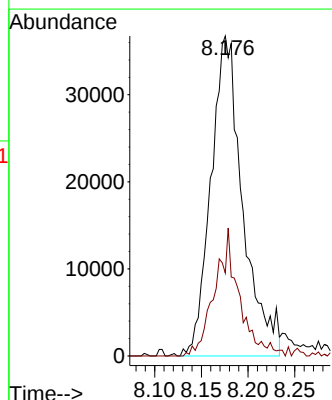
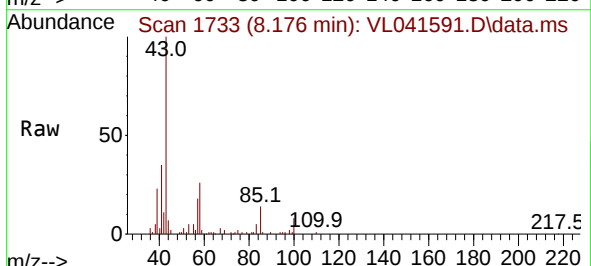
RT: 8.176 min Scan# 1733

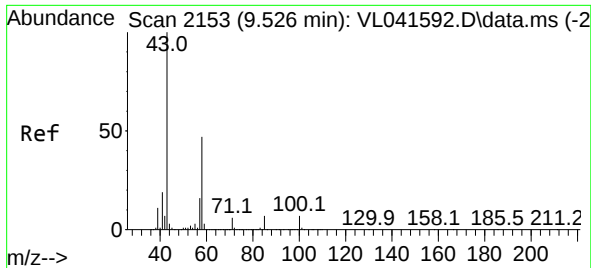
Delta R.T. 0.019 min

Lab File: VL041591.D

Acq: 16 Sep 2024 12:36

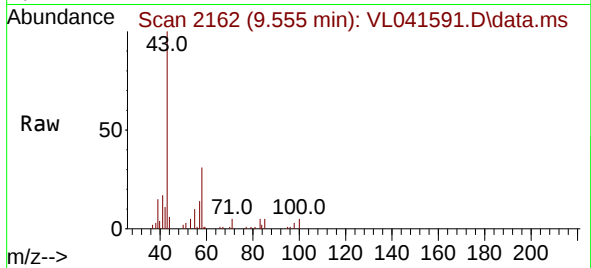
Tgt Ion: 43 Resp: 87157
 Ion Ratio Lower Upper
 43 100
 58 30.5 27.8 41.8





#51
2-Hexanone
Concen: 0.378 ppbv m
RT: 9.555 min Scan# 2153
Delta R.T. 0.029 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

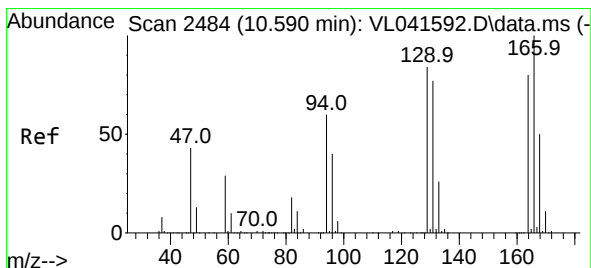
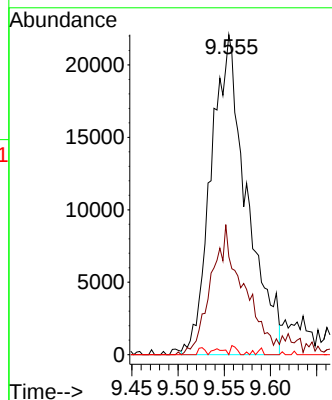
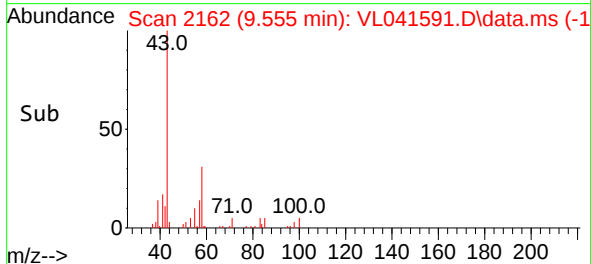
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



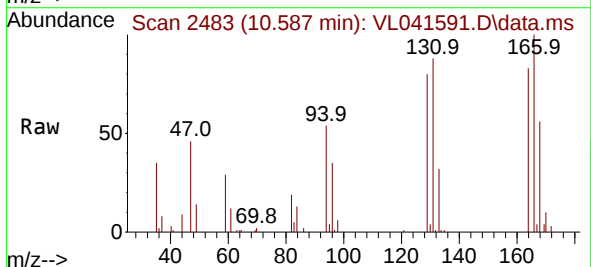
Tgt Ion: 43 Resp: 5928
Ion Ratio Lower Upper
43 100
58 37.4 37.2 55.8
98 1.1 0.5 0.7

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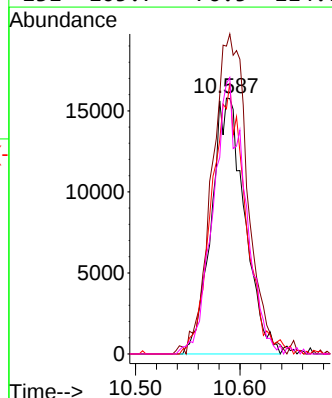
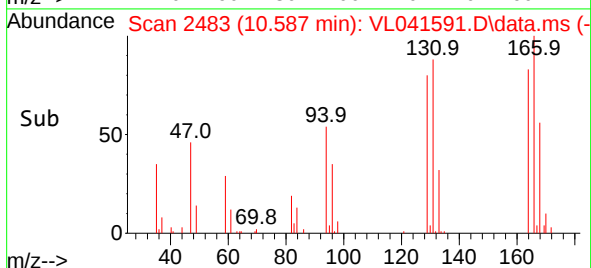
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

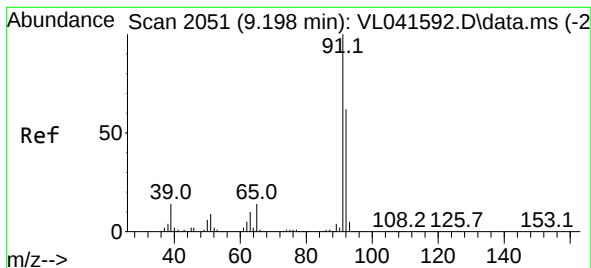


#52
Tetrachloroethene
Concen: 0.496 ppbv m
RT: 10.587 min Scan# 2483
Delta R.T. -0.003 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36



Tgt Ion:164 Resp: 35100
Ion Ratio Lower Upper
164 100
166 120.3 99.4 149.2
129 95.8 83.5 125.3
131 105.7 76.5 114.7





#53

Toluene

Concen: 0.355 ppbv

RT: 9.192 min Scan# 2051

Delta R.T. -0.006 min

Lab File: VL041591.D

Acq: 16 Sep 2024 12:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 91 Resp: 7444

Ion Ratio Lower Upper

91 100

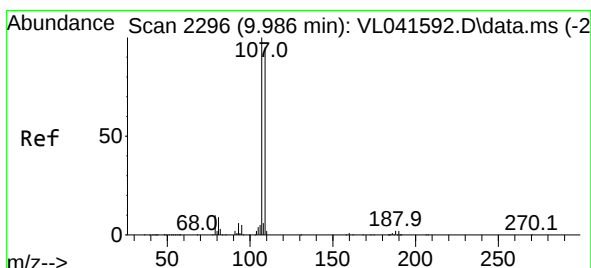
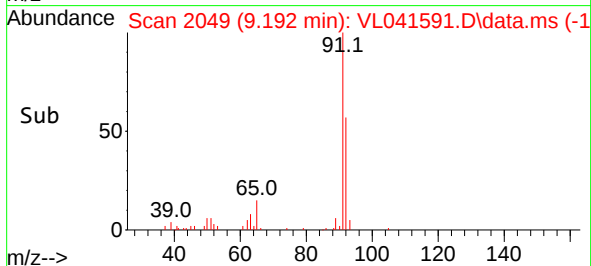
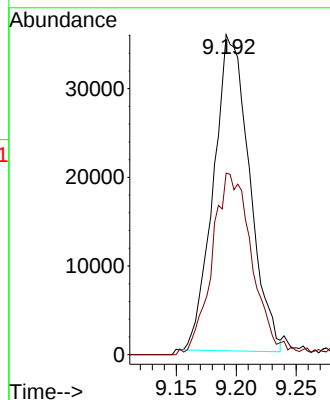
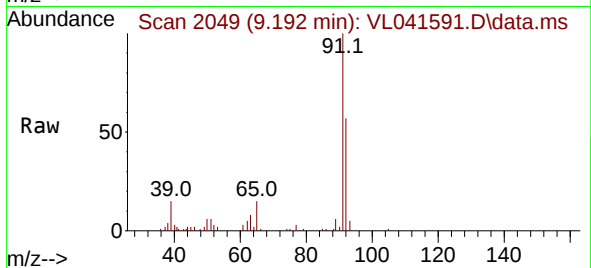
92 64.8 48.9 73.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#54

1,2-Dibromoethane

Concen: 0.509 ppbv m

RT: 9.983 min Scan# 2295

Delta R.T. -0.003 min

Lab File: VL041591.D

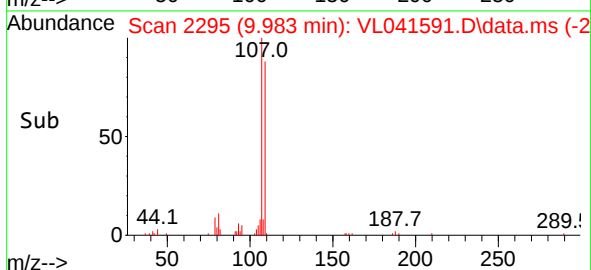
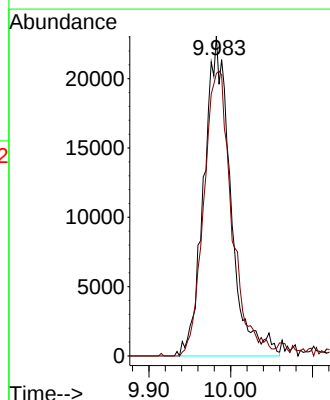
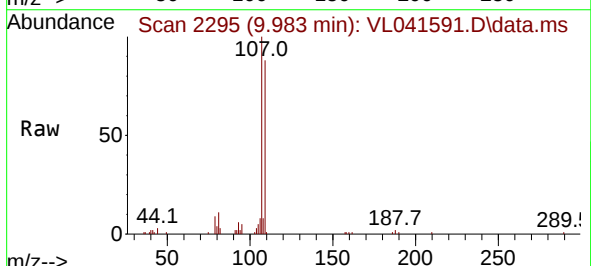
Acq: 16 Sep 2024 12:36

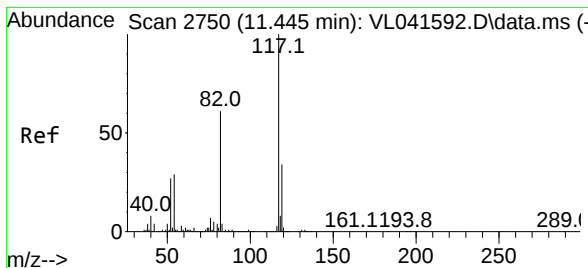
Tgt Ion:107 Resp: 52272

Ion Ratio Lower Upper

107 100

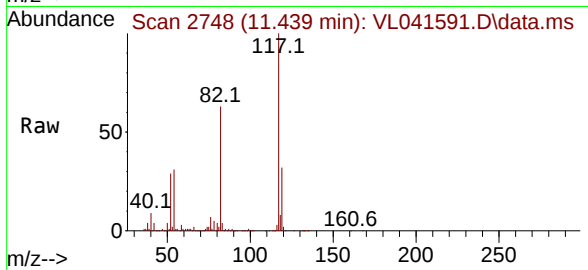
109 88.3 75.7 113.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

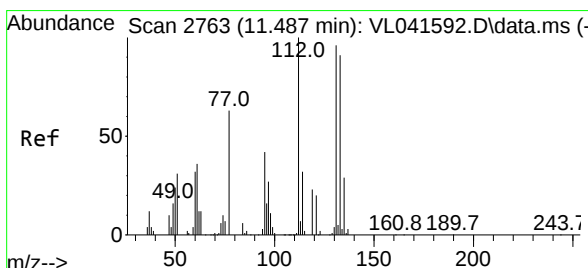
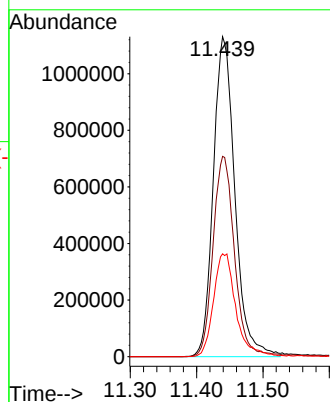
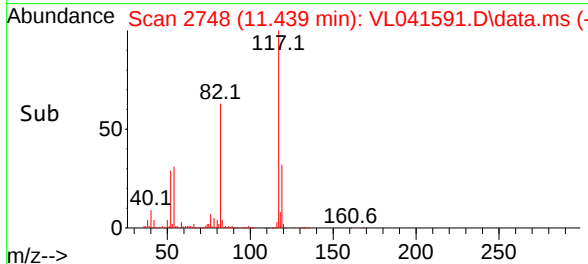
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



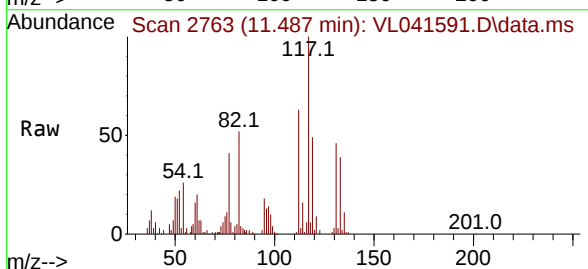
Tgt Ion:117 Resp: 2557349
Ion Ratio Lower Upper
117 100
82 62.7 49.4 74.2
119 33.6 24.4 36.6

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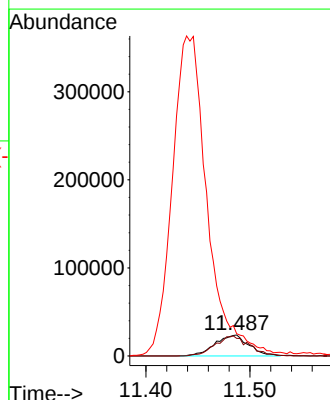
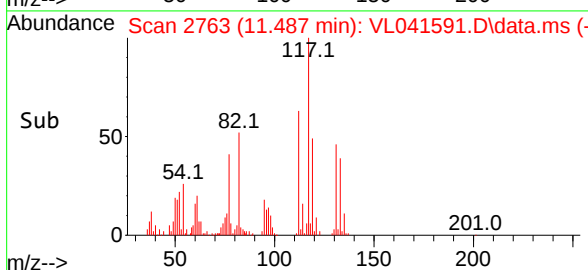
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

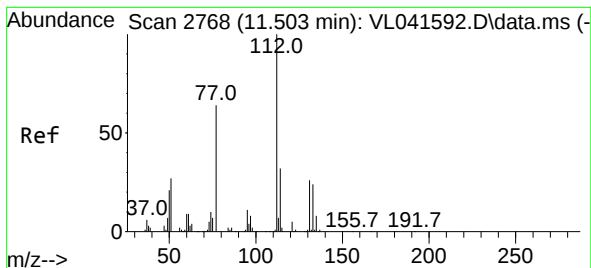


#56
1,1,1,2-Tetrachloroethane
Concen: 0.548 ppbv
RT: 11.487 min Scan# 2763
Delta R.T. 0.000 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36



Tgt Ion:131 Resp: 53872
Ion Ratio Lower Upper
131 100
133 96.4 76.6 115.0
119 1603.4 48.5 72.7#





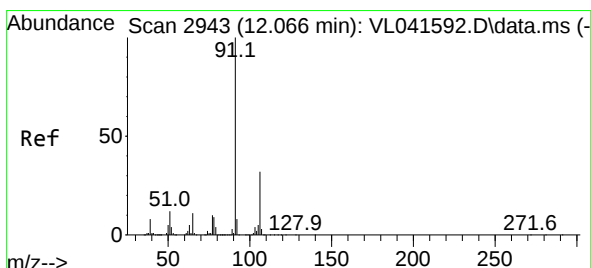
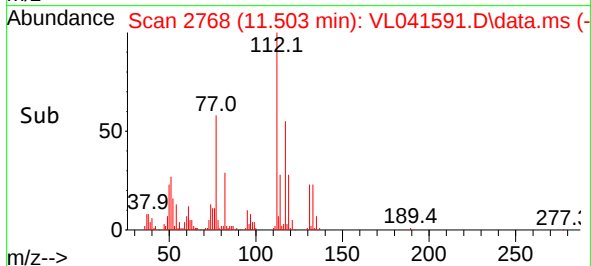
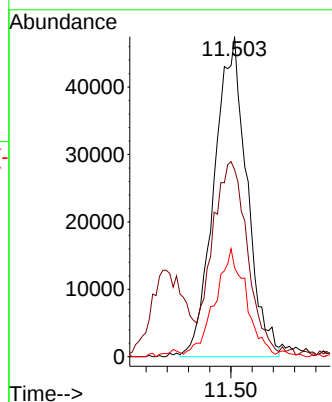
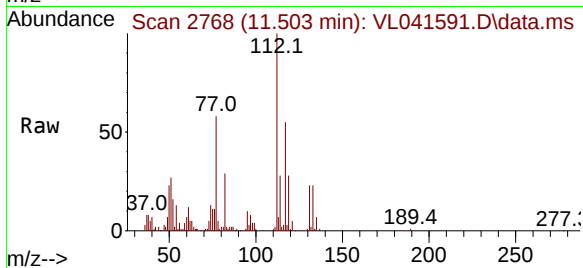
#57
Chlorobenzene
Concen: 0.554 ppbv m
RT: 11.503 min Scan# 2768
Delta R.T. 0.000 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 112 Resp: 10138
Ion Ratio Lower Upper
112 100
77 58.4 52.0 78.0
114 27.7 28.6 35.0

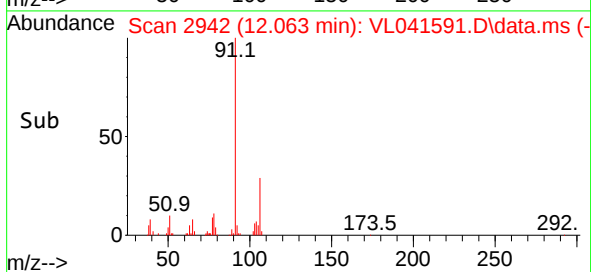
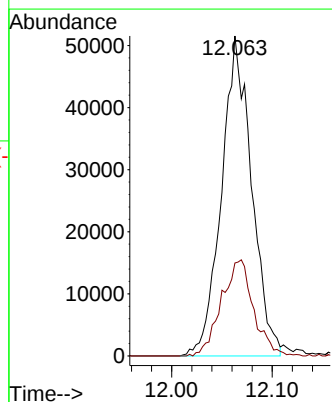
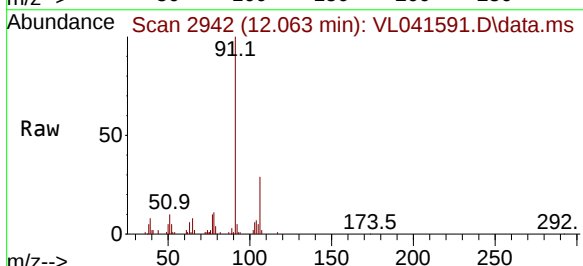
Manual Integrations
APPROVED

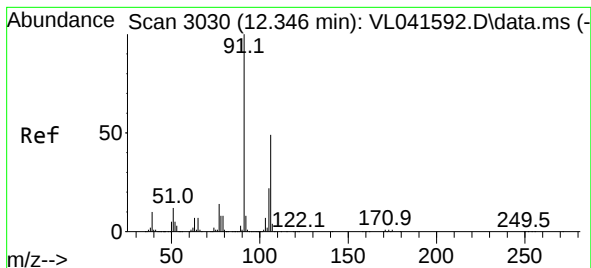
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#58
Ethyl Benzene
Concen: 0.390 ppbv
RT: 12.063 min Scan# 2942
Delta R.T. -0.003 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

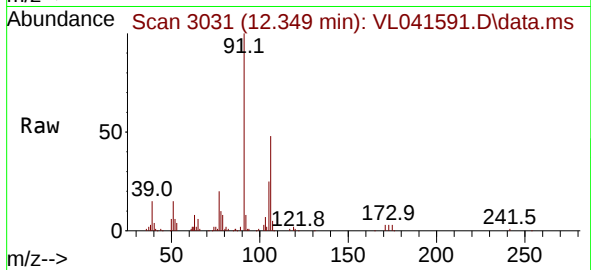
Tgt Ion: 91 Resp: 107104
Ion Ratio Lower Upper
91 100
106 29.0 25.8 38.6





#59
m/p-Xylene
Concen: 0.867 ppbv m
RT: 12.349 min Scan# 3031
Delta R.T. 0.003 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

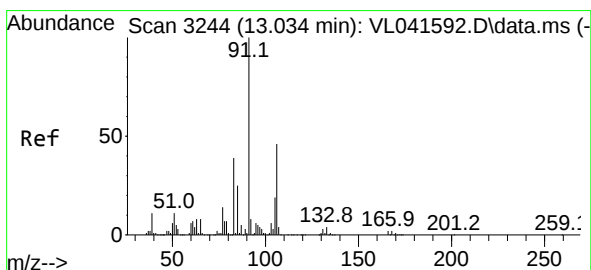
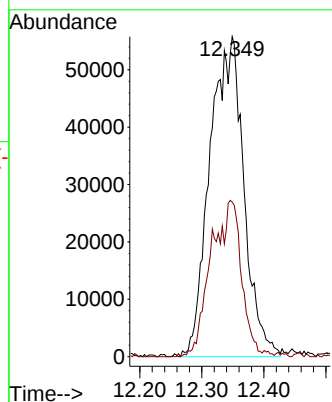
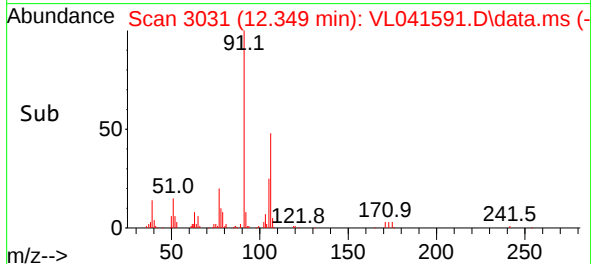
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



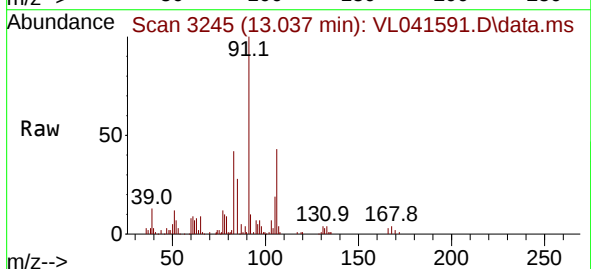
Tgt Ion: 91 Resp: 21219
Ion Ratio Lower Upper
91 100
106 0.0 36.8 55.2

Manual Integrations
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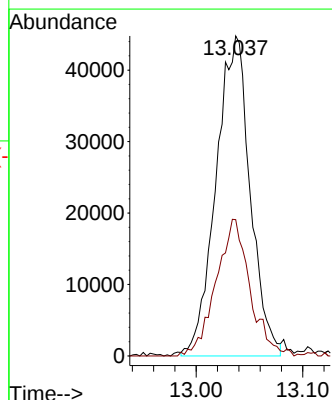
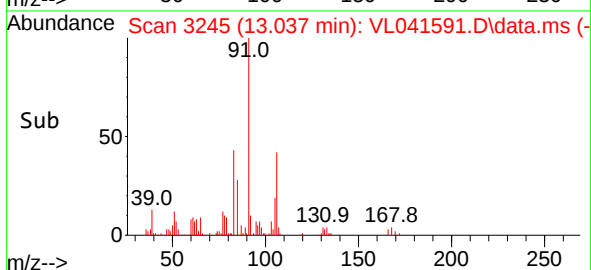
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

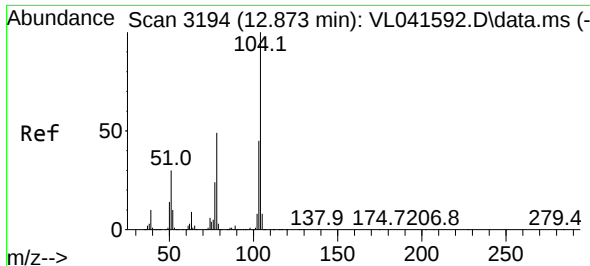


#60
o-Xylene
Concen: 0.428 ppbv m
RT: 13.037 min Scan# 3245
Delta R.T. 0.003 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36



Tgt Ion: 91 Resp: 99984
Ion Ratio Lower Upper
91 100
106 0.0 23.1 69.3





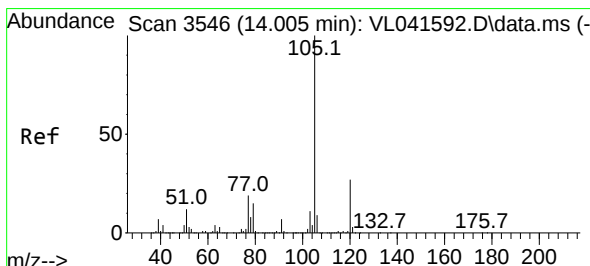
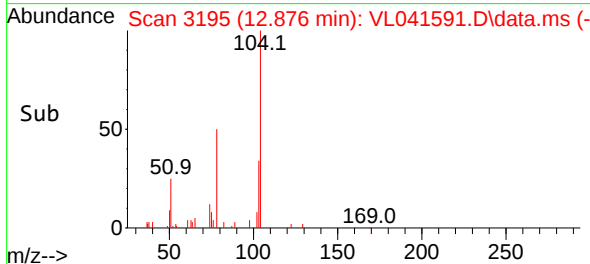
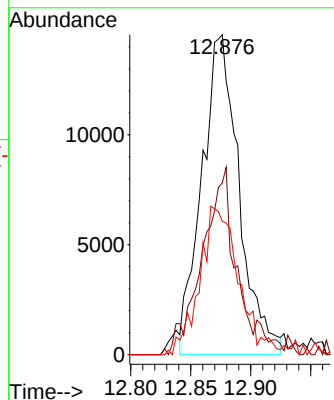
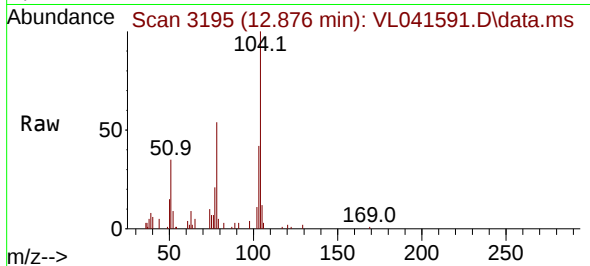
#61
Styrene
Concen: 0.319 ppbv
RT: 12.876 min Scan# 3194
Delta R.T. 0.003 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:104 Resp: 3154
Ion Ratio Lower Upper
104 100
78 55.4 39.8 59.6
103 48.7 37.4 56.0

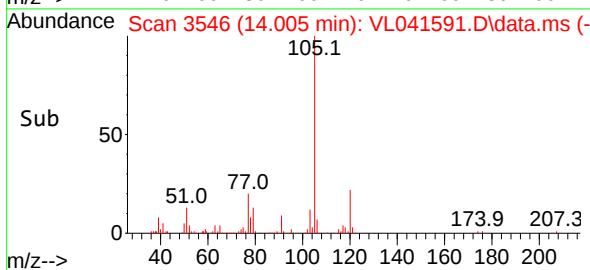
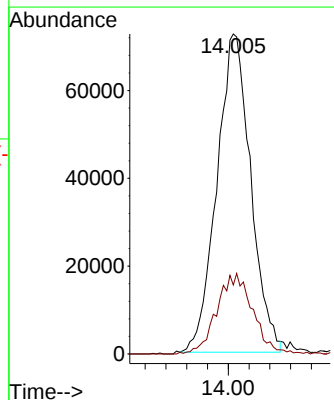
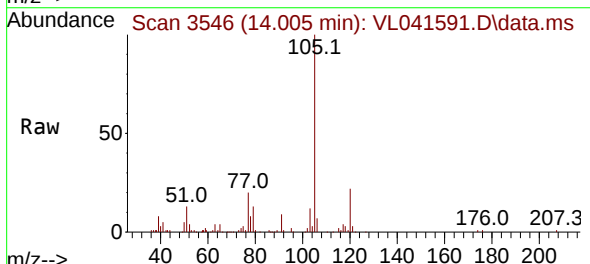
Manual Integrations
APPROVED

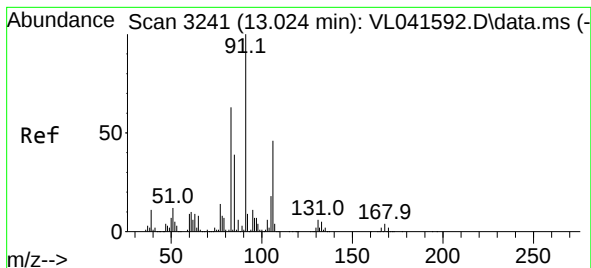
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#62
Isopropylbenzene
Concen: 0.462 ppbv
RT: 14.005 min Scan# 3546
Delta R.T. 0.000 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

Tgt Ion:105 Resp: 163927
Ion Ratio Lower Upper
105 100
120 26.8 20.9 31.3





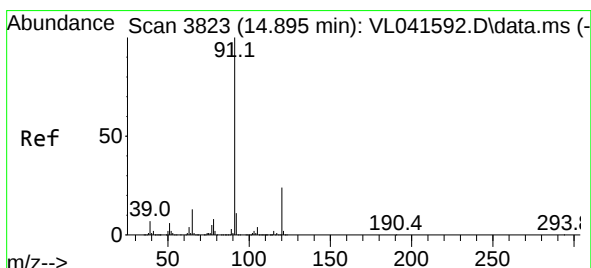
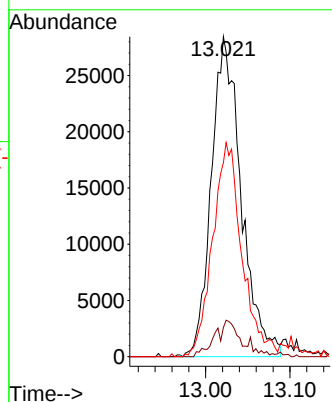
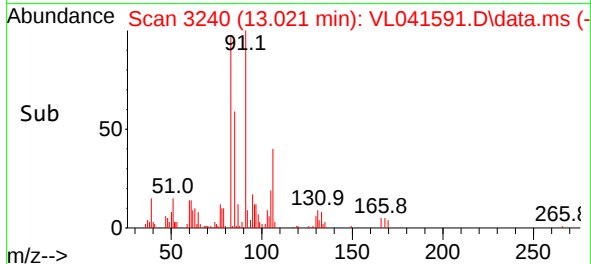
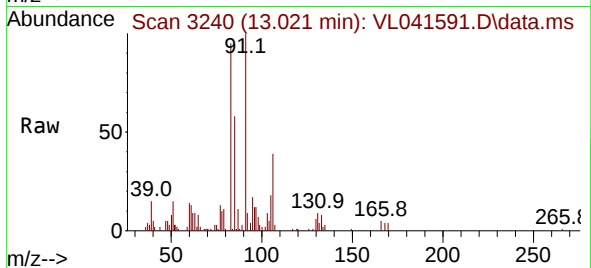
#63
1,1,2,2-Tetrachloroethane
Concen: 0.592 ppbv m
RT: 13.021 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 83 Resp: 6991
Ion Ratio Lower Upper
83 100
131 10.7 4.8 14.4
85 68.2 32.5 97.4

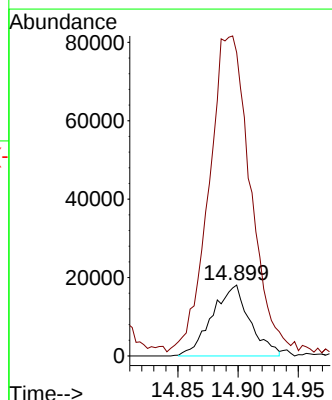
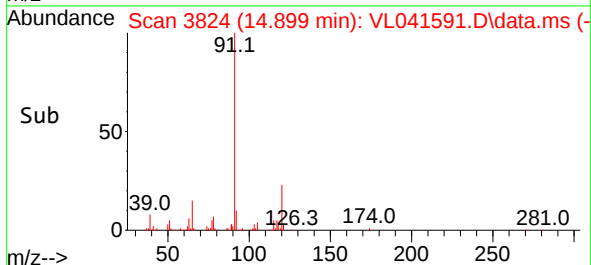
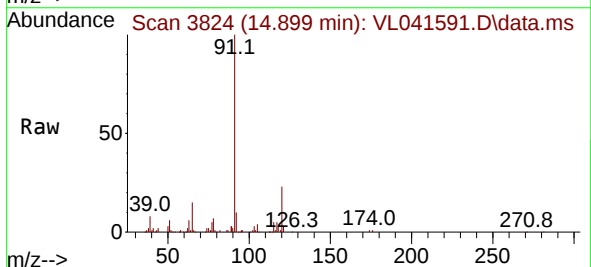
Manual Integrations
APPROVED

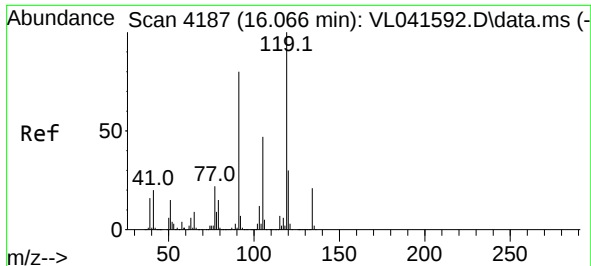
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#64
n-propylbenzene
Concen: 0.429 ppbv m
RT: 14.899 min Scan# 3824
Delta R.T. 0.003 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

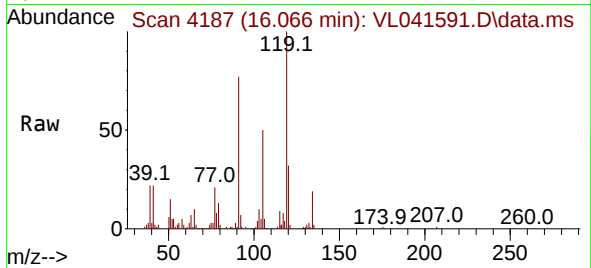
Tgt Ion:120 Resp: 39445
Ion Ratio Lower Upper
120 100
91 503.2 366.4 549.6





#65
tert-Butylbenzene
Concen: 0.474 ppbv m
RT: 16.066 min Scan# 4187
Delta R.T. 0.000 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

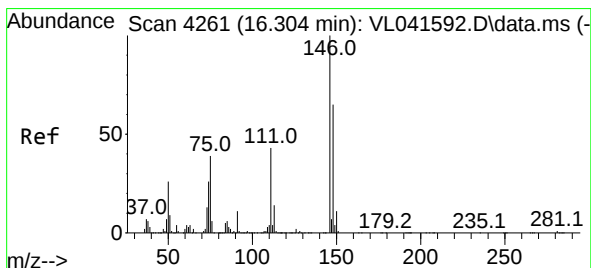
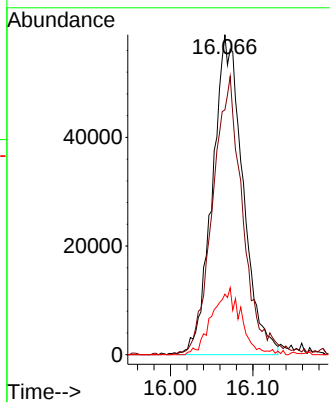
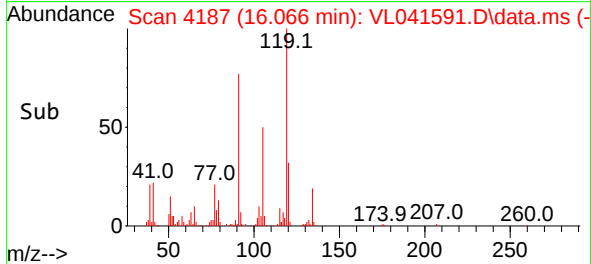
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 119 Resp: 151018
Ion Ratio Lower Upper
119 100
91 0.0 64.6 96.8
134 0.0 15.8 23.8

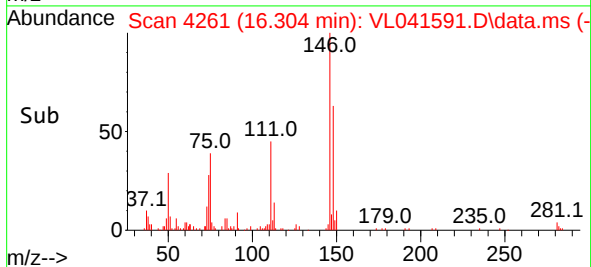
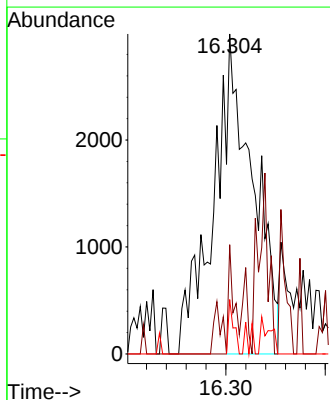
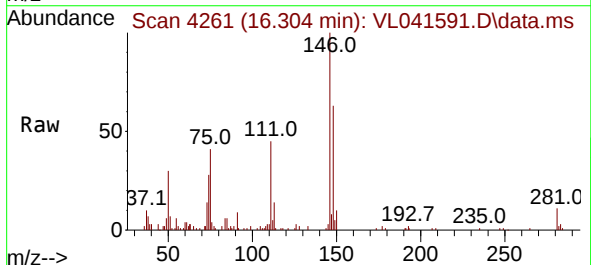
Manual Integrations
APPROVED

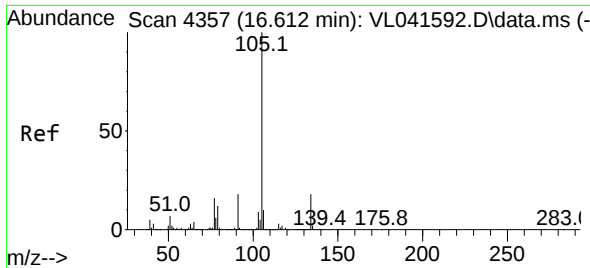
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#66
Benzyl Chloride
Concen: 0.484 ppbv m
RT: 16.304 min Scan# 4261
Delta R.T. 0.000 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

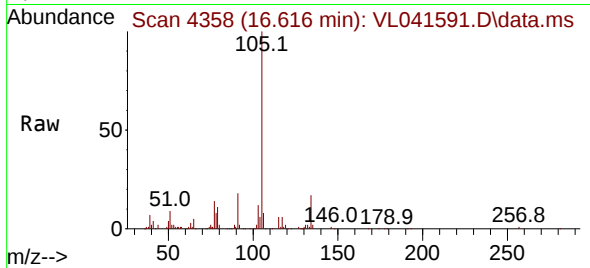
Tgt Ion: 91 Resp: 8202
Ion Ratio Lower Upper
91 100
126 6.4 15.4 23.2
128 6.5 4.8 7.2





#67
 sec-Butylbenzene
 Concen: 0.442 ppbv
 RT: 16.616 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041591.D
 Acq: 16 Sep 2024 12:36

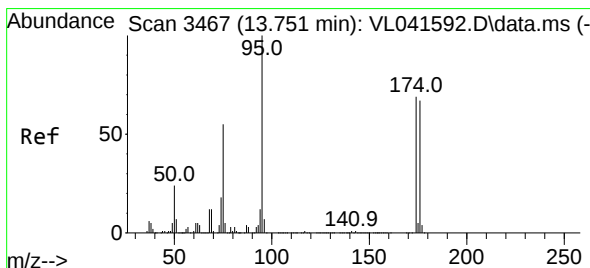
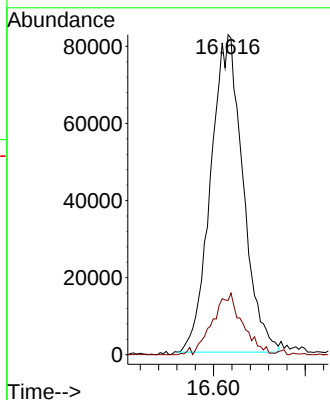
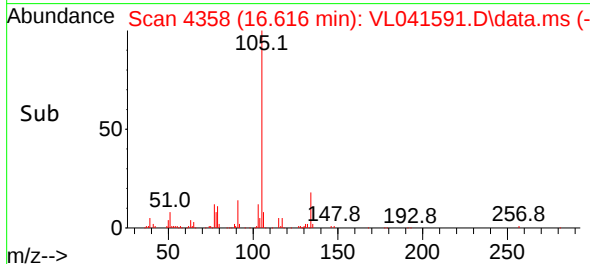
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 105 Resp: 20136
 Ion Ratio Lower Upper
 105 100
 134 18.6 14.6 21.8

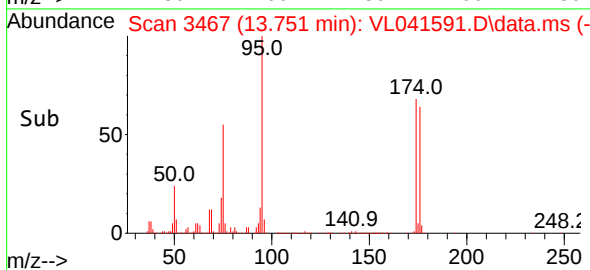
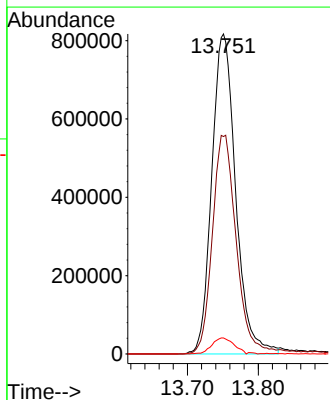
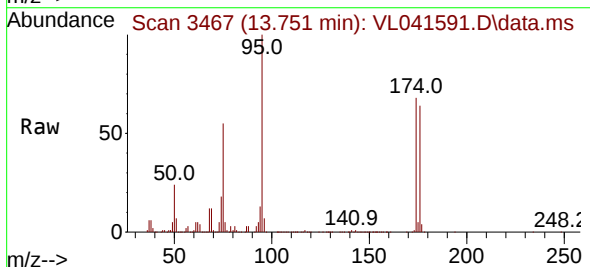
Manual Integrations
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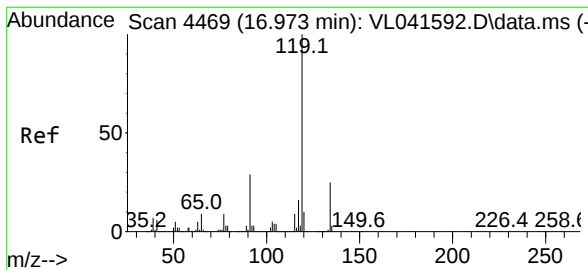
Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.111 ppbv
 RT: 13.751 min Scan# 3467
 Delta R.T. 0.000 min
 Lab File: VL041591.D
 Acq: 16 Sep 2024 12:36

Tgt Ion: 95 Resp: 1914464
 Ion Ratio Lower Upper
 95 100
 174 70.1 55.8 83.8
 175 5.0 4.1 6.1





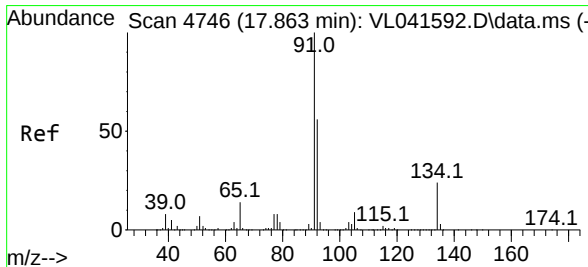
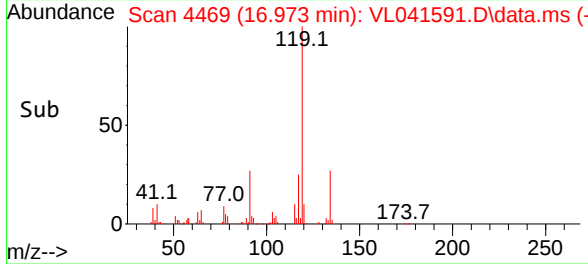
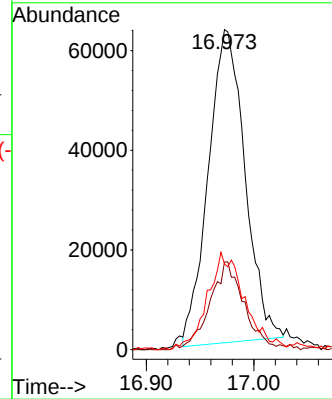
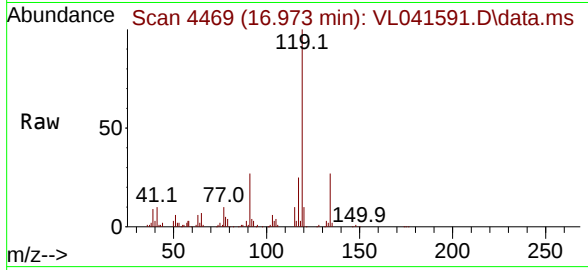
#69
p-Isopropyltoluene
Concen: 0.407 ppbv
RT: 16.973 min Scan# 4469
Delta R.T. 0.000 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:119	Resp: 14889
Ion Ratio	Lower Upper
119 100	
134 27.0	20.5 30.7
91 33.5	23.1 34.7

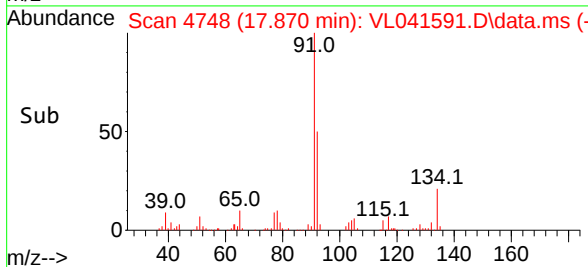
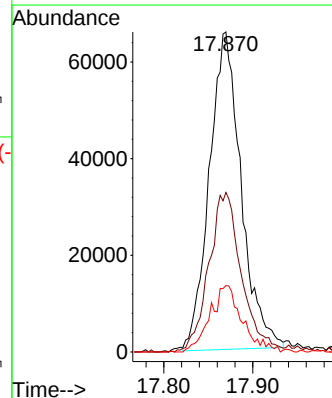
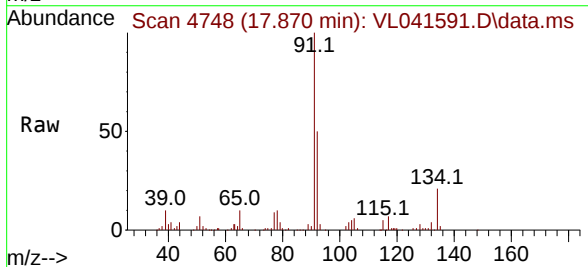
Manual Integrations
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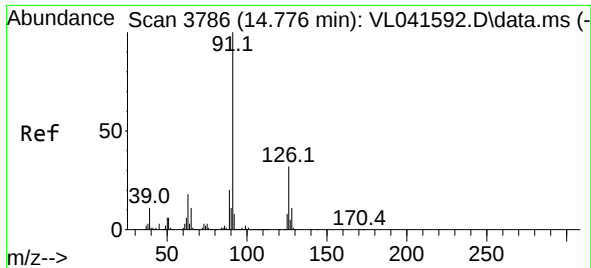
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#70
n-Butylbenzene
Concen: 0.426 ppbv
RT: 17.870 min Scan# 4748
Delta R.T. 0.007 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

Tgt Ion: 91	Resp: 162469
Ion Ratio	Lower Upper
91 100	
92 52.7	43.2 64.8
134 21.5	18.6 27.8





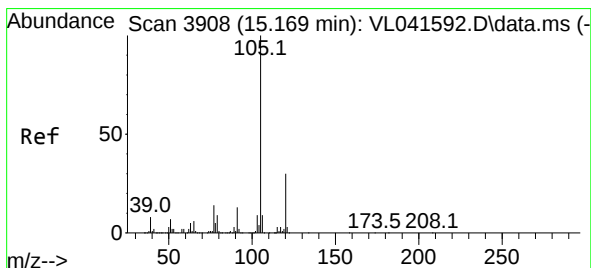
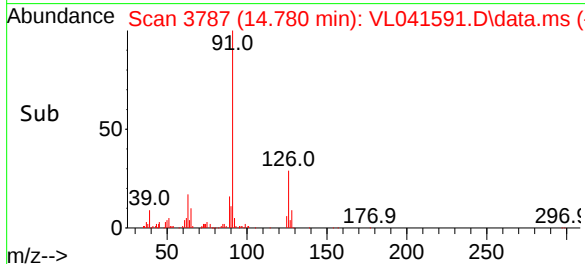
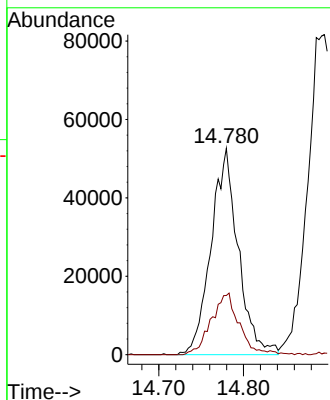
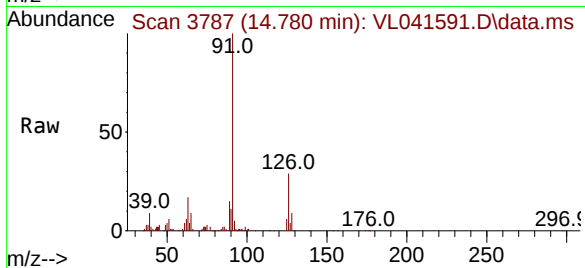
#71
2-Chlorotoluene
Concen: 0.454 ppbv m
RT: 14.780 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 117200
Ion Ratio Lower Upper
91 100
126 0.0 12.9 51.5

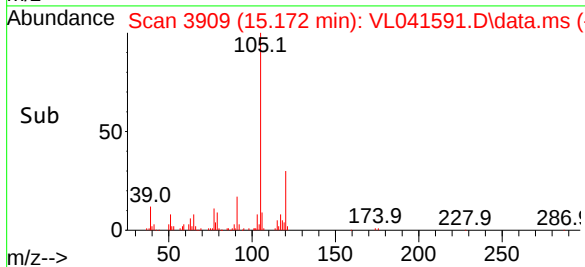
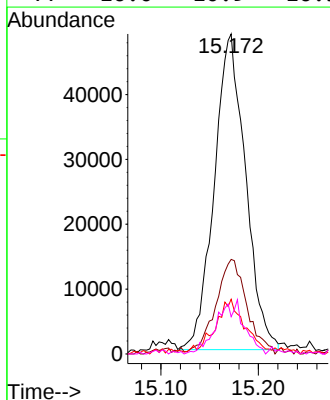
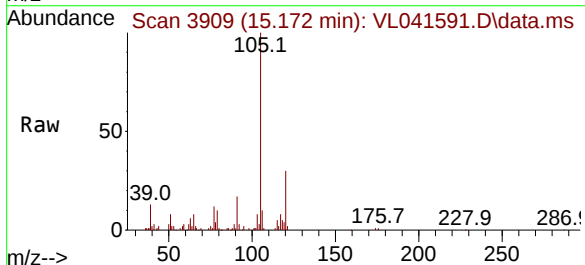
Manual Integrations
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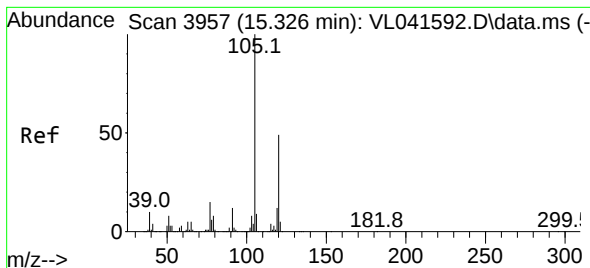
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#72
4-Ethyltoluene
Concen: 0.395 ppbv
RT: 15.172 min Scan# 3909
Delta R.T. 0.003 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

Tgt Ion:105 Resp: 108676
Ion Ratio Lower Upper
105 100
120 30.5 24.1 36.1
91 18.7 10.2 15.2#
77 16.0 10.9 16.3





#73

1,3,5-Trimethylbenzene

Concen: 0.423 ppbv m

RT: 15.333 min Scan# 3957

Delta R.T. 0.007 min

Lab File: VL041591.D

Acq: 16 Sep 2024 12:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion:105 Resp: 10099

Ion Ratio Lower Upper

105 100

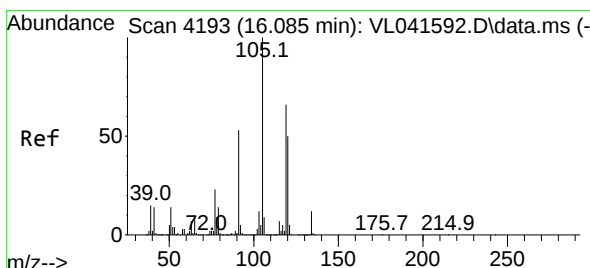
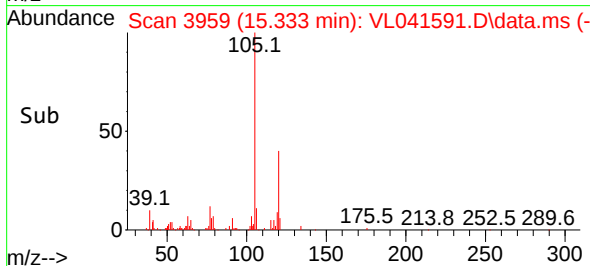
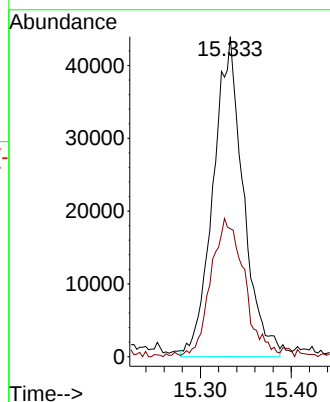
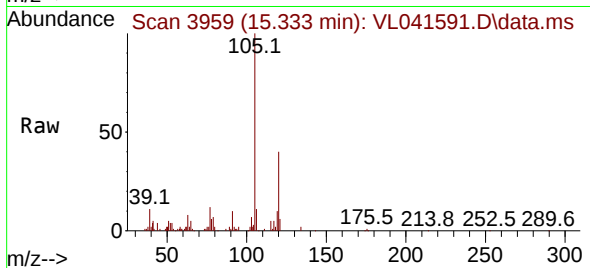
120 40.0 39.4 59.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#74

1,2,4-Trimethylbenzene

Concen: 0.442 ppbv

RT: 16.079 min Scan# 4191

Delta R.T. -0.006 min

Lab File: VL041591.D

Acq: 16 Sep 2024 12:36

Tgt Ion:105 Resp: 126032

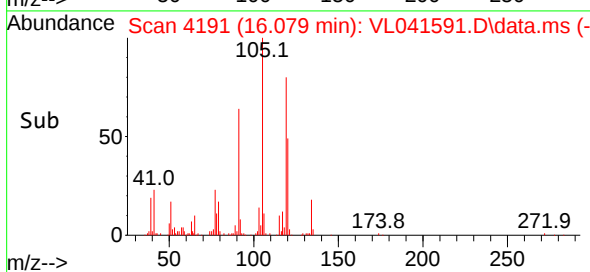
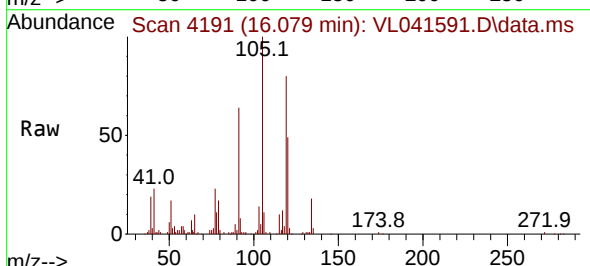
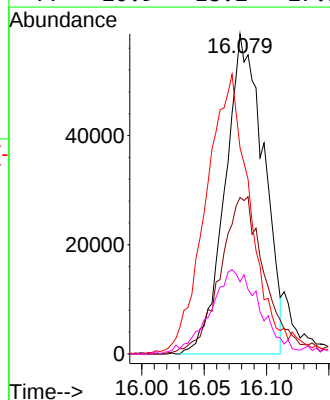
Ion Ratio Lower Upper

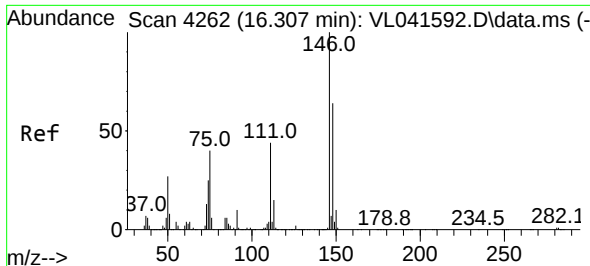
105 100

120 47.2 39.9 59.9

91 57.1 42.6 63.8

77 20.9 18.2 27.2





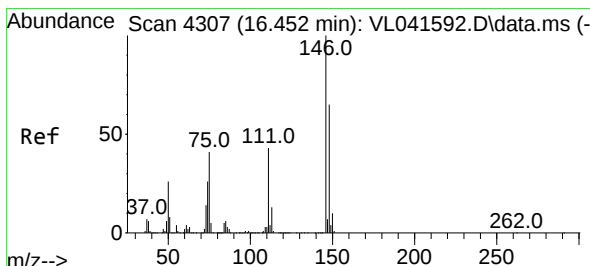
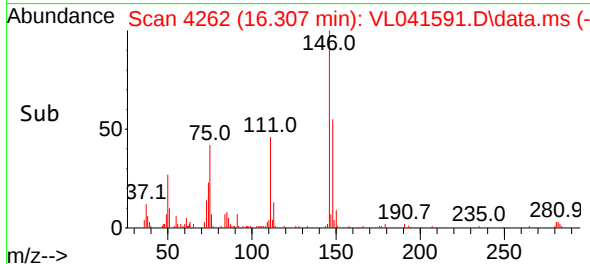
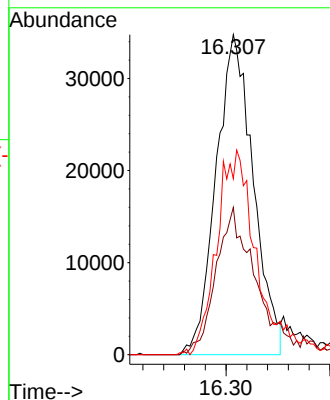
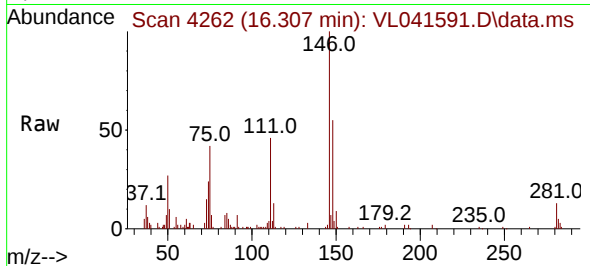
#75
1,3-Dichlorobenzene
Concen: 0.491 ppbv
RT: 16.307 min Scan# 4262
Delta R.T. 0.000 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:146 Resp: 8642
Ion Ratio Lower Upper
146 100
111 51.0 22.4 67.0
148 68.2 32.1 96.5

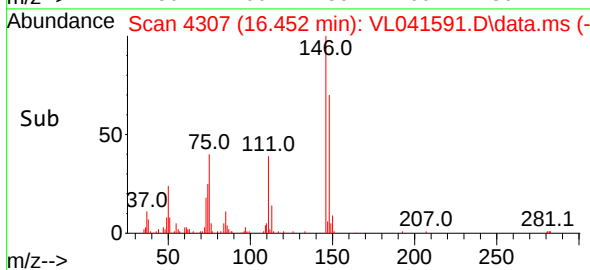
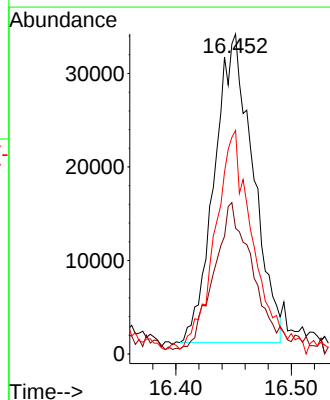
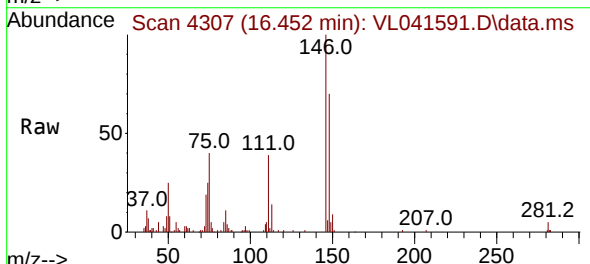
Manual Integrations
APPROVED

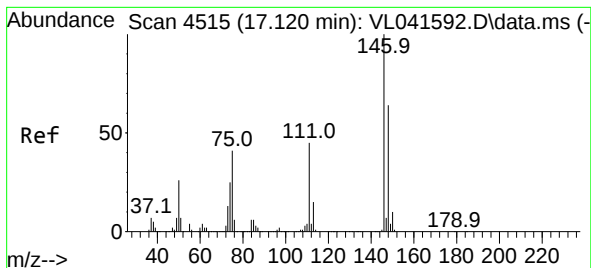
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#76
1,4-Dichlorobenzene
Concen: 0.441 ppbv
RT: 16.452 min Scan# 4307
Delta R.T. 0.000 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

Tgt Ion:146 Resp: 76460
Ion Ratio Lower Upper
146 100
111 55.2 22.4 67.3
148 73.9 32.8 98.4





#77

1,2-Dichlorobenzene

Concen: 0.507 ppbv m

RT: 17.117 min Scan# 4514

Delta R.T. -0.003 min

Lab File: VL041591.D

Acq: 16 Sep 2024 12:36

Instrument :

MSVOA_L

ClientSampleId :

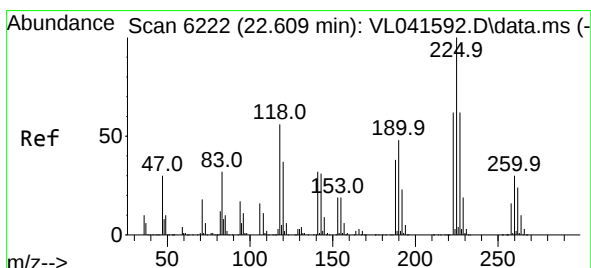
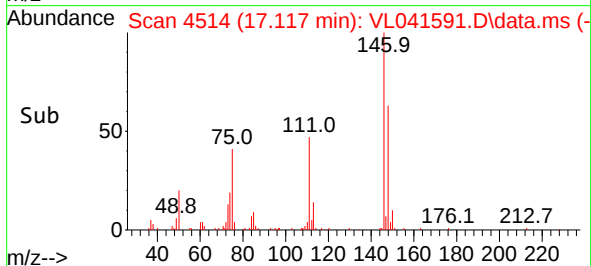
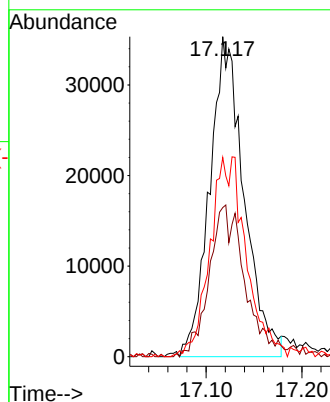
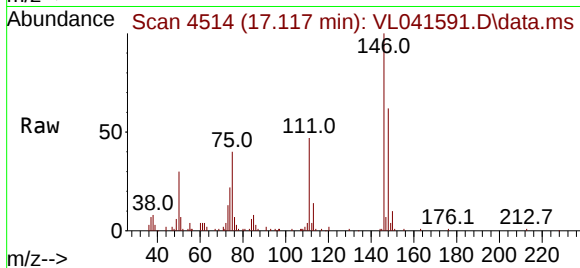
VSTDICC0.5

Tgt Ion:	146	Resp:	8784
Ion Ratio	Lower	Upper	
146	100		
111	0.0	23.4	70.0
148	0.0	32.5	97.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#78

Hexachloro-1,3-Butadiene

Concen: 0.537 ppbv m

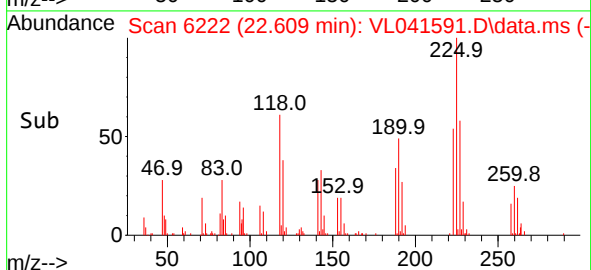
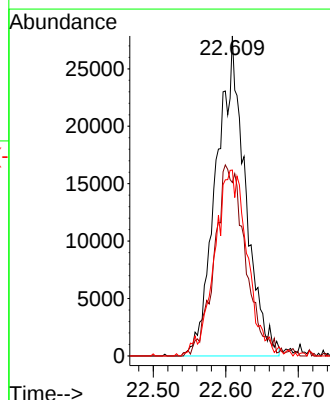
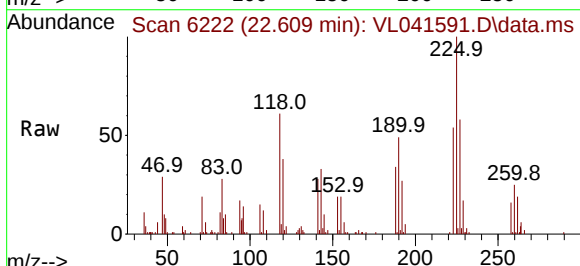
RT: 22.609 min Scan# 6222

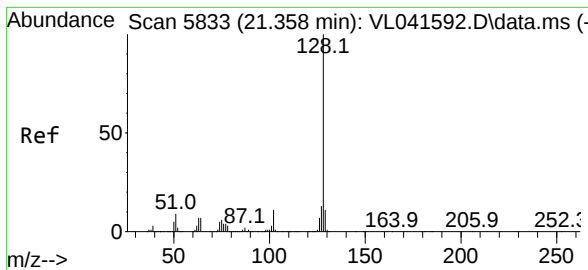
Delta R.T. 0.000 min

Lab File: VL041591.D

Acq: 16 Sep 2024 12:36

Tgt Ion:	225	Resp:	77655
Ion Ratio	Lower	Upper	
225	100		
223	64.5	50.6	75.8
227	0.0	50.9	76.3





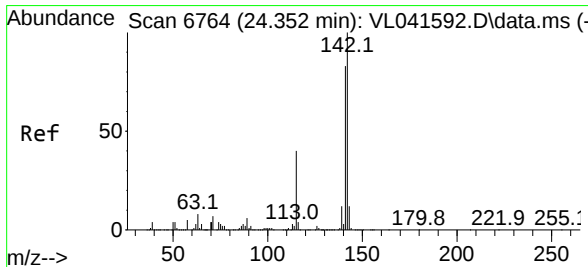
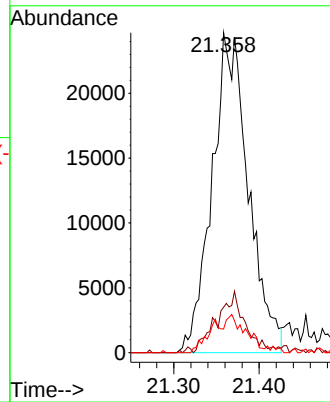
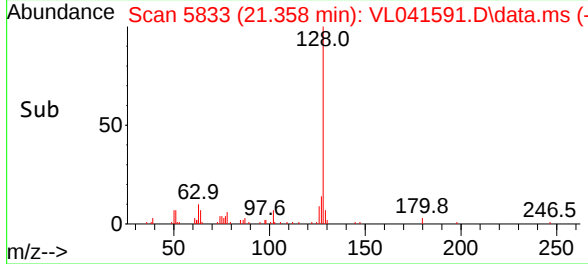
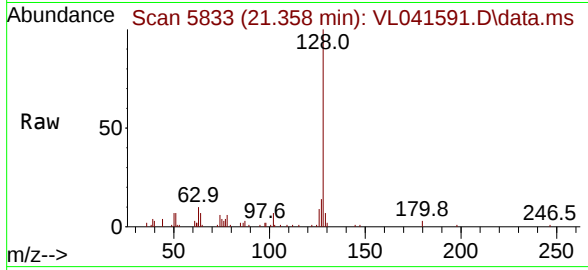
#79
Naphthalene
Concen: 0.360 ppbv m
RT: 21.358 min Scan# 5833
Delta R.T. 0.000 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:	128	Resp:	7290
Ion Ratio	Lower	Upper	
128	100		
127	14.2	10.1	15.1
129	7.4	9.1	13.7

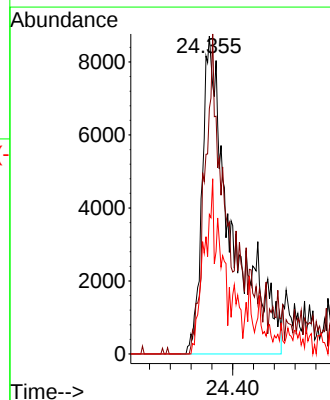
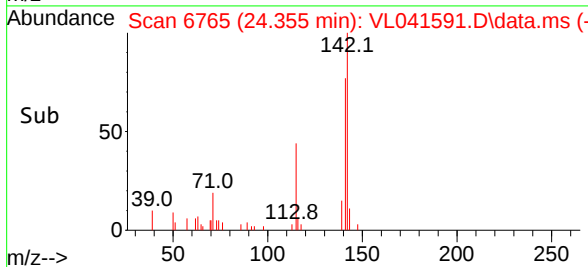
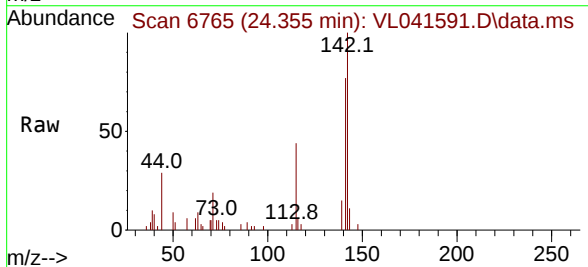
Manual Integrations
APPROVED

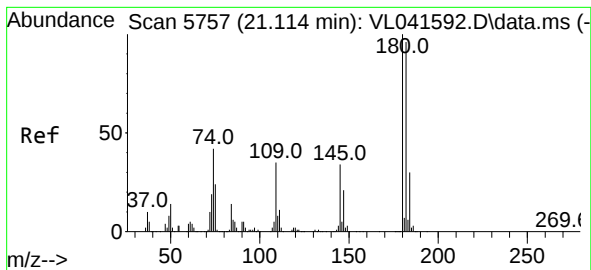
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#80
Naphthalene,2-methyl-
Concen: 0.240 ppbv
RT: 24.355 min Scan# 6765
Delta R.T. 0.003 min
Lab File: VL041591.D
Acq: 16 Sep 2024 12:36

Tgt Ion:	142	Resp:	34080
Ion Ratio	Lower	Upper	
142	100		
141	91.5	66.3	99.5
115	36.8	31.4	47.2





#81

1,2,4-Trichlorobenzene

Concen: 0.392 ppbv m

RT: 21.124 min Scan# 51

Delta R.T. 0.010 min

Lab File: VL041591.D

Acq: 16 Sep 2024 12:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:180 Resp: 51734

Ion Ratio Lower Upper

180 100

182 97.2 76.5 114.7

184 0.0 24.7 37.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024

