

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121824\
 Data File : VL041788.D
 Acq On : 18 Dec 2024 10:29
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Dec 19 07:49:00 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 12/19/2024
 Supervised By : Mahesh Dadoda 12/19/2024

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

Internal Standards						
1) Bromochloromethane	2.784	49	76040	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	198370	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.881	117	172190	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.377	95	150705	10.503	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.000%

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.495	85	112841	8.340	ppbv	96
3) Chlorodifluoromethane	1.473	51	112096	9.040	ppbv	98
4) Chloromethane	1.531	50	48418	9.146	ppbv	99
5) Vinyl Chloride	1.580	62	46631	8.743	ppbv	99
6) Bromomethane	1.667	94	22202	8.821	ppbv	98
7) Chloroethane	1.703	64	19203	9.269	ppbv	99
8) Dichlorotetrafluoroethane	1.554	85	111653	9.220	ppbv	96
9) Propene	1.483	41	41427	7.708	ppbv	96
10) Heptane	4.975	43	111650	8.087	ppbv	96
11) Trichlorofluoromethane	1.874	101	134331	9.347	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.136	101	96469	8.825	ppbv	98
13) Ethanol	1.719	45	3276m	7.361	ppbv	
14) Bromoethene	1.780	108	33118	8.974	ppbv	97
15) Acetone	1.832	43	111294	7.522	ppbv	99
16) 1,3-Butadiene	1.606	39	53299	9.149	ppbv	97
17) tert-Butyl alcohol	2.036	59	135516	9.233	ppbv	100
18) 1,1-Dichloroethene	2.033	96	41224	8.996	ppbv	93
19) Isopropyl Alcohol	1.884	45	64831	7.303	ppbv	99
20) Methylene Chloride	2.059	84	35699	8.462	ppbv	96
21) Allyl Chloride	2.094	41	74468	9.281	ppbv	99
22) trans-1,2-Dichloroethene	2.337	96	45331	8.641	ppbv	94
23) Vinyl Acetate	2.460	43	52709	7.673	ppbv #	95
24) 1,1-Dichloroethane	2.405	63	95779	9.020	ppbv	99
25) Ethyl Acetate	2.832	43	238771	8.675	ppbv	100
26) Hexane	2.822	57	87593	8.386	ppbv	95
27) Carbon Disulfide	2.149	76	85318	9.064	ppbv	98
28) Methyl tert-Butyl Ether	2.437	73	67965	8.021	ppbv	97
29) Chloroform	2.845	83	145536	9.143	ppbv	97
30) Cyclohexane	3.855	84	74346	8.366	ppbv	97
31) cis-1,2-Dichloroethene	2.719	61	92460	8.567	ppbv	98
32) 1,1,1-Trichloroethane	3.366	97	144038	8.902	ppbv	99
34) 2-Butanone	2.554	43	139509	8.742	ppbv	99
35) Carbon Tetrachloride	3.761	117	147726	10.490	ppbv	99
36) Benzene	3.654	78	178114	8.680	ppbv	98
37) 1,2-Dichloroethane	3.214	62	121412	9.509	ppbv	100
38) Trichloroethene	4.548	130	70175	8.057	ppbv	98
39) 1,2-Dichloropropane	4.308	63	64154	8.645	ppbv	97
40) 1,4-Dioxane	4.583	88	30262	8.347	ppbv #	96
41) Tetrahydrofuran	3.052	42	74734	8.359	ppbv	98
42) Bromodichloromethane	4.486	83	140832	9.588	ppbv	95
43) Methyl Methacrylate	4.878	69	69545	8.895	ppbv	99
44) 2,2,4-Trimethylpentane	4.635	57	302332	8.627	ppbv	97
45) t-1,3-Dichloropropene	6.412	75	69601	8.607	ppbv	96

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Quant Time: Dec 19 07:49:00 2024
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 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 12/19/2024
 Supervised By : Mahesh Dadoda 12/19/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.593	75	89328m	8.701	ppbv	
47) 1,1,2-Trichloroethane	6.580	97	67717	8.736	ppbv	93
48) Dibromochloromethane	7.386	129	101875	9.625	ppbv	97
49) Bromoform	9.483	173	83649	9.655	ppbv	99
50) 4-Methyl-2-Pentanone	5.752	43	186865	8.600	ppbv	99
51) 2-Hexanone	7.438	43	149217	8.472	ppbv #	98
52) Tetrachloroethene	8.224	164	59756	7.824	ppbv	93
53) Toluene	6.930	91	195158	8.389	ppbv	99
54) 1,2-Dibromoethane	7.648	107	94138	8.814	ppbv	97
56) 1,1,1,2-Tetrachloroethane	8.924	131	87869	9.626	ppbv	99
57) Chlorobenzene	8.920	112	157039	8.912	ppbv	97
58) Ethyl Benzene	9.354	91	281290	9.074	ppbv	97
59) m/p-Xylene	9.548	91	466737m	18.725	ppbv	
60) o-Xylene	9.963	91	232028	9.283	ppbv	100
61) Styrene	9.869	104	103216	9.550	ppbv	99
62) Isopropylbenzene	10.539	105	352903	9.397	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.963	83	144197	9.216	ppbv	99
64) n-propylbenzene	10.989	120	90043	9.483	ppbv	99
65) tert-Butylbenzene	11.532	119	314940	9.295	ppbv	98
66) Benzyl Chloride	11.616	91	22164	7.426	ppbv	100
67) sec-Butylbenzene	11.769	105	442201	9.431	ppbv	100
69) p-Isopropyltoluene	11.927	119	369746	9.569	ppbv	99
70) n-Butylbenzene	12.283	91	373294	9.999	ppbv	99
71) 2-Chlorotoluene	10.901	91	264866	9.240	ppbv	100
72) 4-Ethyltoluene	11.124	105	285469	9.676	ppbv	99
73) 1,3,5-Trimethylbenzene	11.202	105	242783	9.918	ppbv	97
74) 1,2,4-Trimethylbenzene	11.536	105	263301	10.003	ppbv	90
75) 1,3-Dichlorobenzene	11.607	146	154857	9.227	ppbv	99
76) 1,4-Dichlorobenzene	11.671	146	154115	9.296	ppbv	99
77) 1,2-Dichlorobenzene	11.947	146	145375	9.002	ppbv	99
78) Hexachloro-1,3-Butadiene	13.882	225	93437	7.804	ppbv	100
79) Naphthalene	13.513	128	200311	10.921	ppbv	98
80) Naphthalene,2-methyl-	14.458	142	94903	16.728	ppbv	97
81) 1,2,4-Trichlorobenzene	13.442	180	93675	9.346	ppbv	99

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

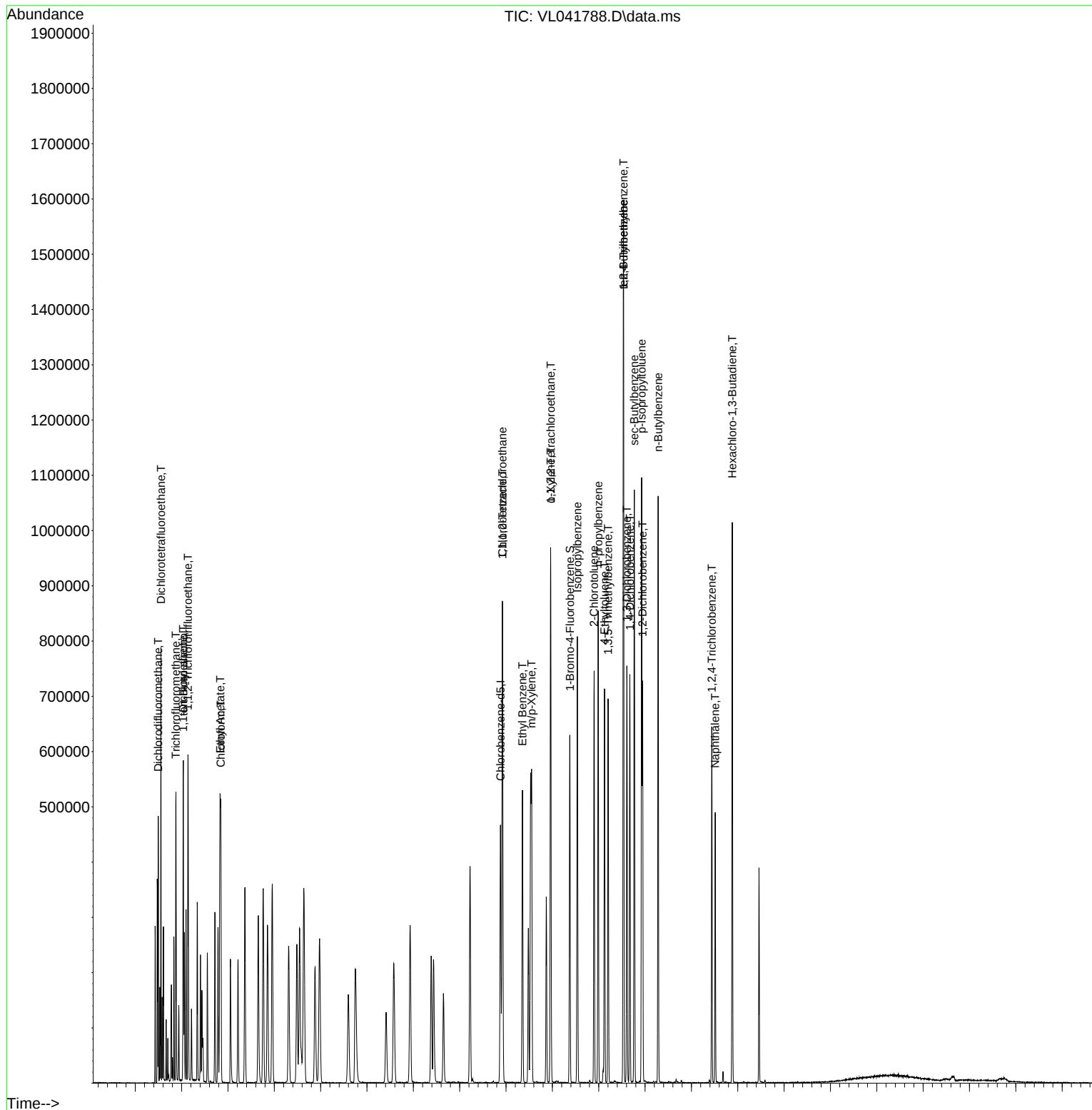
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121824\
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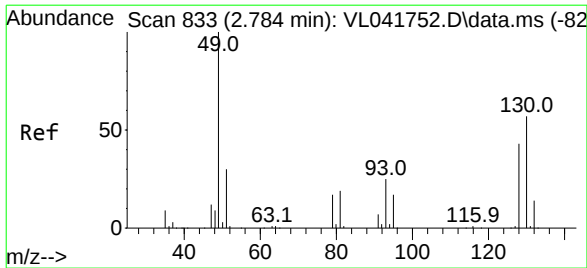
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Dec 19 07:49:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Dec 19 07:32:09 2024
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Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024





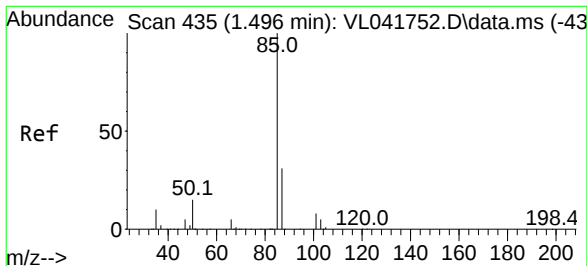
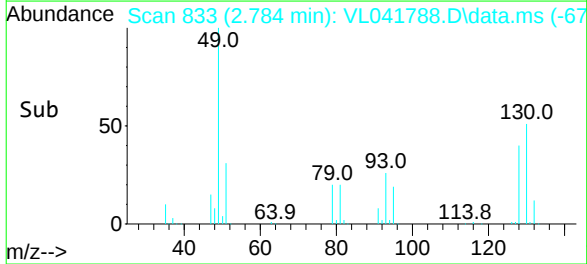
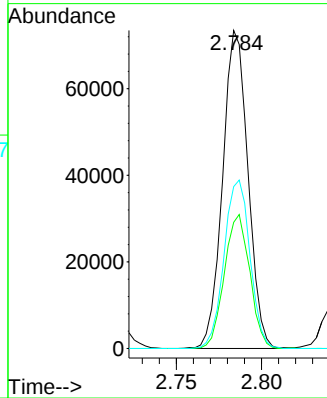
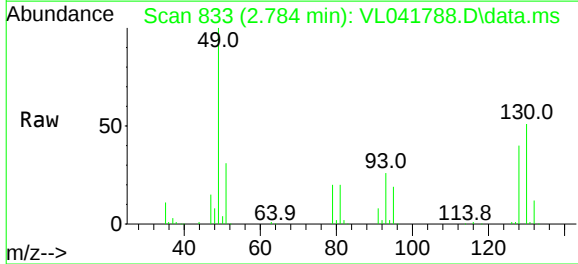
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 833
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 49 Resp: 76040
Ion Ratio Lower Upper
49 100
128 42.2 21.6 64.6
130 54.2 28.3 85.0

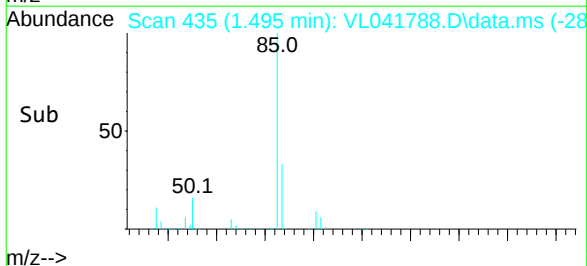
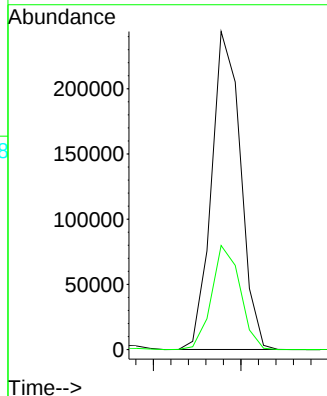
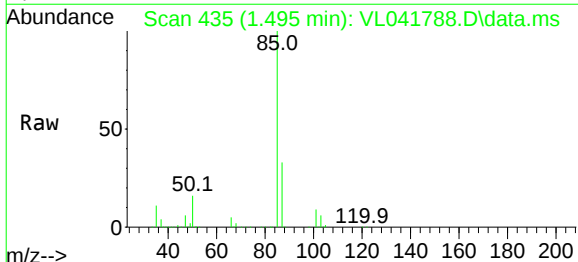
Manual Integrations
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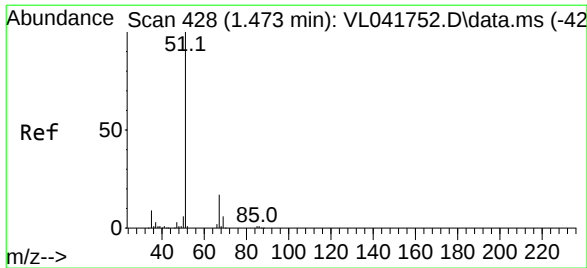
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#2
Dichlorodifluoromethane
Concen: 8.340 ppbv
RT: 1.495 min Scan# 435
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

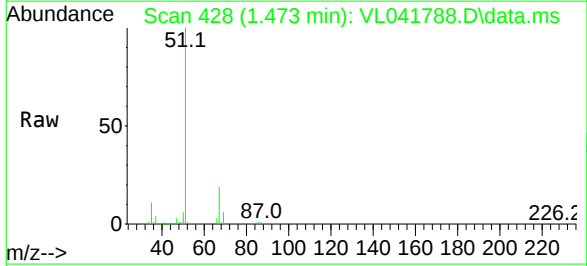
Tgt Ion: 85 Resp: 112841
Ion Ratio Lower Upper
85 100
87 32.7 24.5 36.7





#3
Chlorodifluoromethane
Concen: 9.040 ppbv
RT: 1.473 min Scan# 428
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

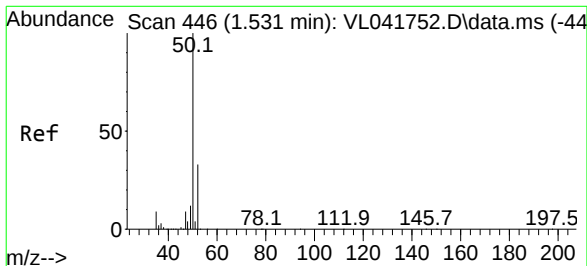
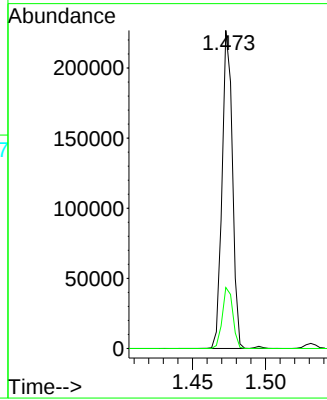
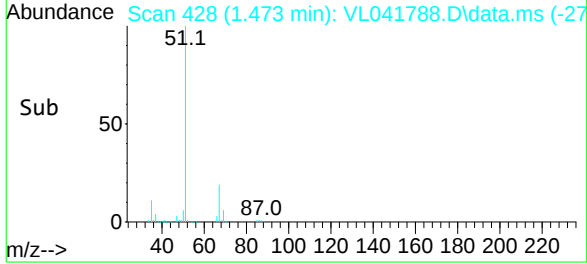
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 51 Resp: 112096
Ion Ratio Lower Upper
51 100
67 19.5 15.0 22.4

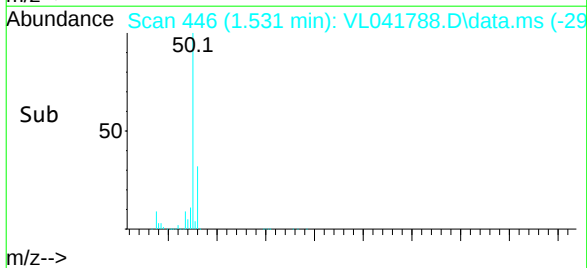
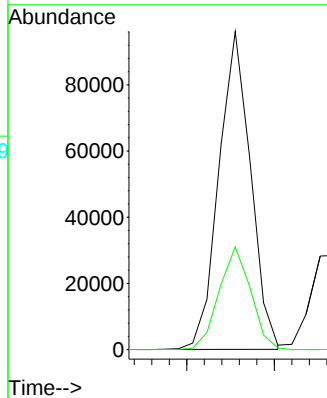
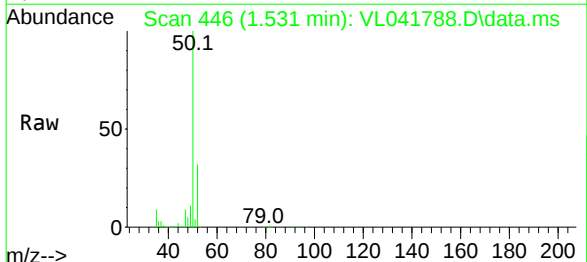
Manual Integrations
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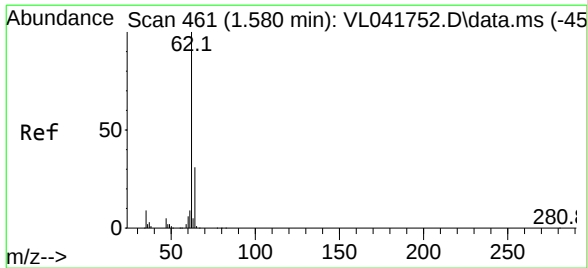
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#4
Chloromethane
Concen: 9.146 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

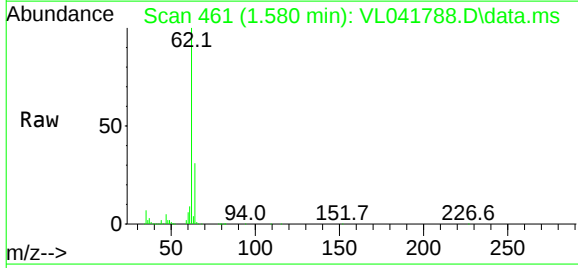
Tgt Ion: 50 Resp: 48418
Ion Ratio Lower Upper
50 100
52 32.3 26.2 39.2





#5
 Vinyl Chloride
 Concen: 8.743 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL041788.D
 Acq: 18 Dec 2024 10:29

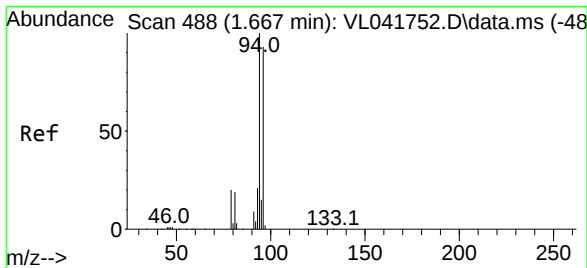
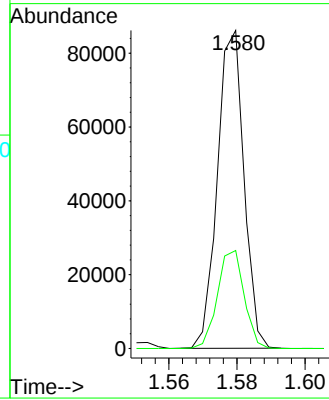
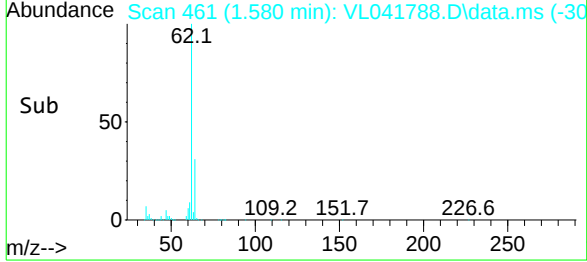
Instrument :
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 ClientSampleId :
 VSTDCCC010



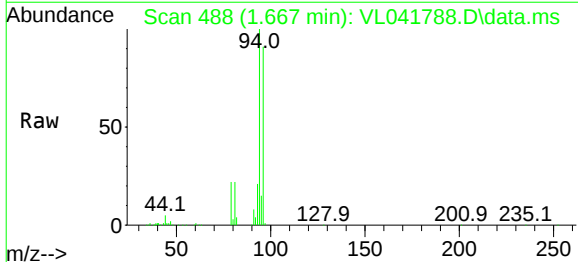
Tgt Ion: 62 Resp: 46631
 Ion Ratio Lower Upper
 62 100
 64 30.8 25.1 37.7

Manual Integrations
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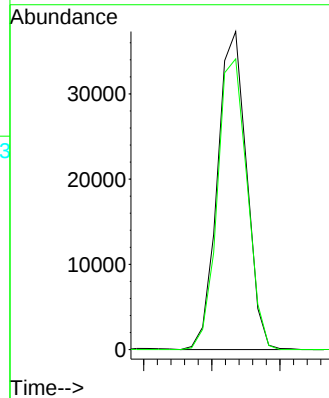
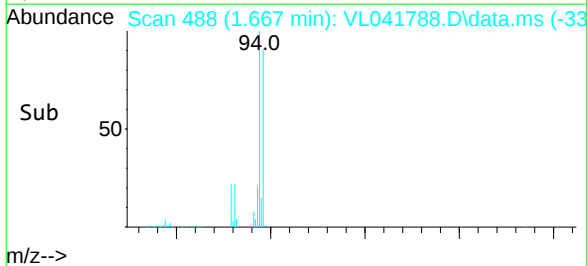
Reviewed By :Semsettin Yesilyurt 12/19/2024
 Supervised By :Mahesh Dadoda 12/19/2024

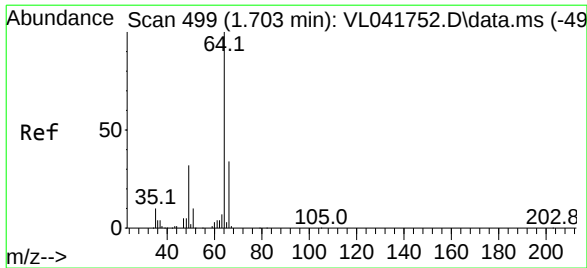


#6
 Bromomethane
 Concen: 8.821 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.000 min
 Lab File: VL041788.D
 Acq: 18 Dec 2024 10:29



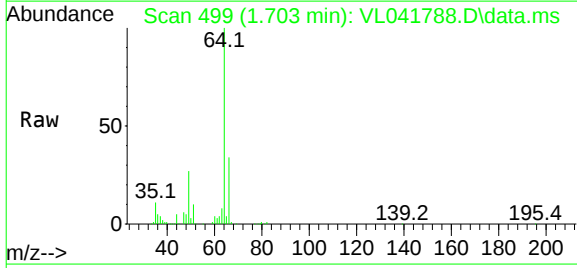
Tgt Ion: 94 Resp: 22202
 Ion Ratio Lower Upper
 94 100
 96 91.4 74.7 112.1





#7
Chloroethane
Concen: 9.269 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

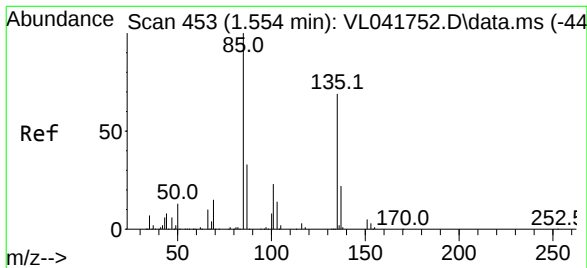
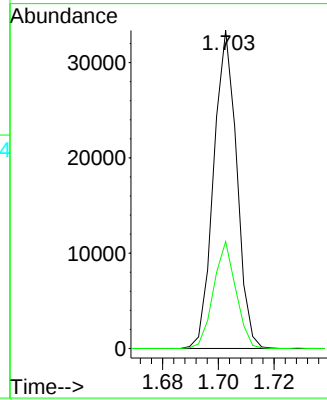
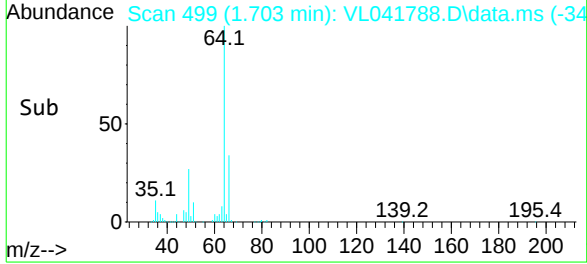
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



Tgt Ion: 64 Resp: 19203
Ion Ratio Lower Upper
64 100
66 33.6 27.5 41.3

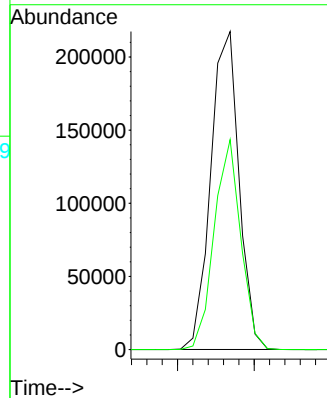
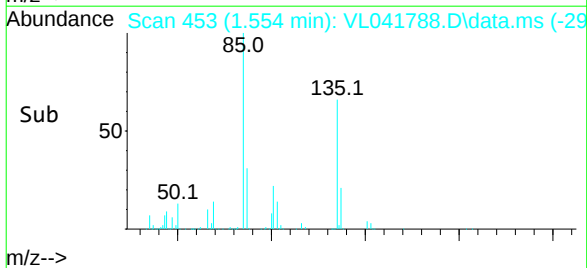
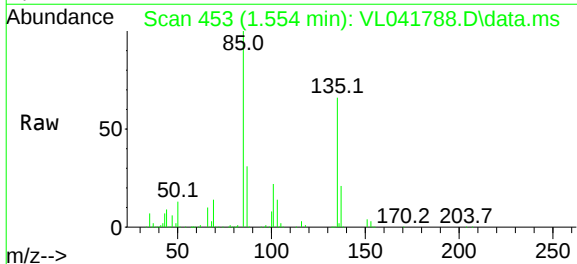
Manual Integrations
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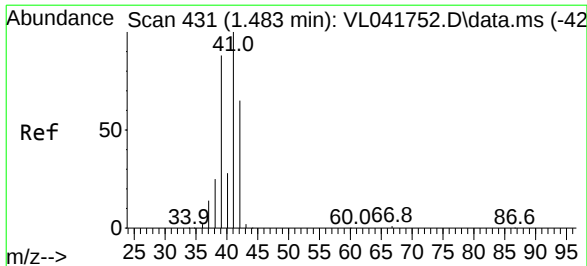
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#8
Dichlorotetrafluoroethane
Concen: 9.220 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

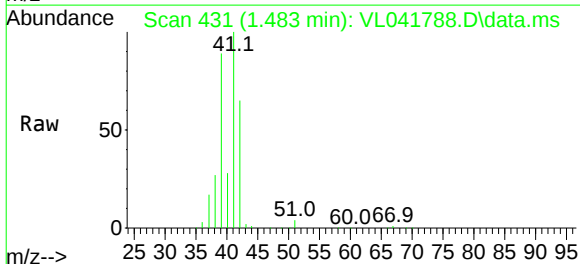
Tgt Ion: 85 Resp: 111653
Ion Ratio Lower Upper
85 100
135 62.0 51.9 77.9





#9
 Propene
 Concen: 7.708 ppbv
 RT: 1.483 min Scan# 431
 Delta R.T. -0.000 min
 Lab File: VL041788.D
 Acq: 18 Dec 2024 10:29

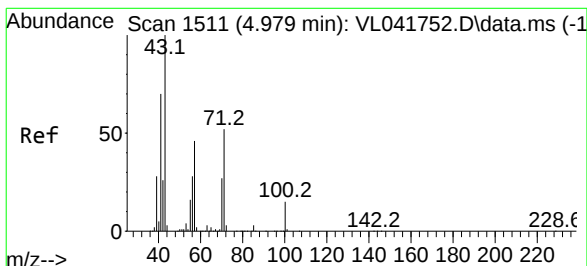
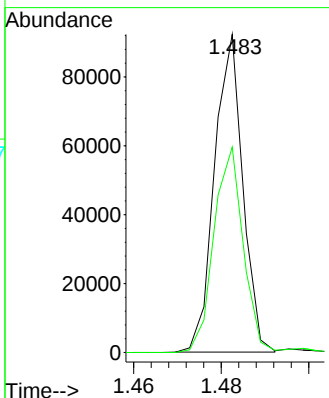
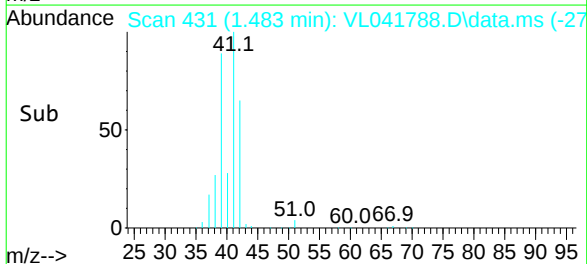
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Tgt Ion: 41 Resp: 41427
 Ion Ratio Lower Upper
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 42 68.5 52.4 78.6

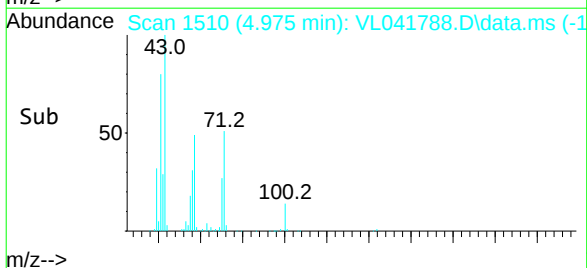
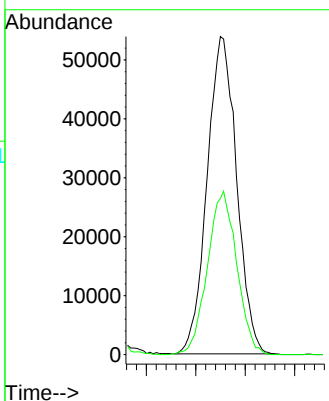
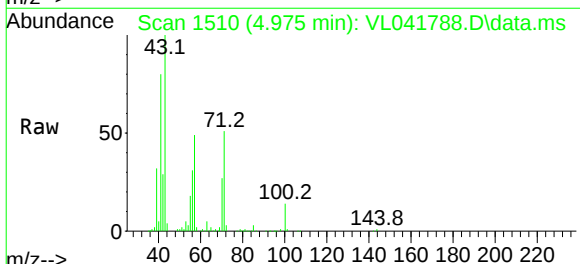
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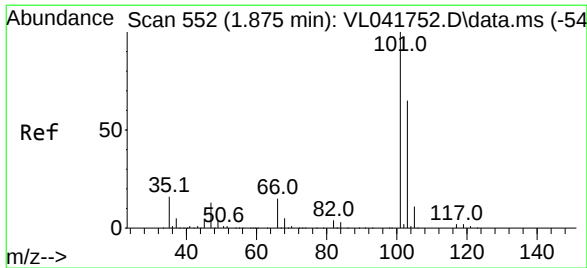
Reviewed By :Semsettin Yesilyurt 12/19/2024
 Supervised By :Mahesh Dadoda 12/19/2024



#10
 Heptane
 Concen: 8.087 ppbv
 RT: 4.975 min Scan# 1510
 Delta R.T. -0.004 min
 Lab File: VL041788.D
 Acq: 18 Dec 2024 10:29

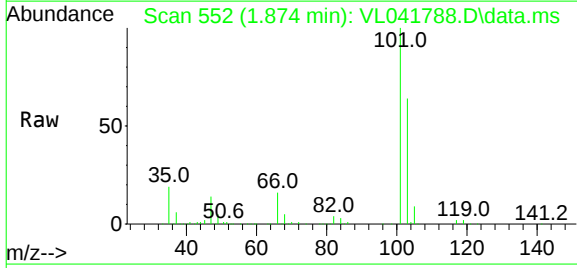
Tgt Ion: 43 Resp: 111650
 Ion Ratio Lower Upper
 43 100
 57 51.1 38.5 57.7





#11
Trichlorofluoromethane
Concen: 9.347 ppbv
RT: 1.874 min Scan# 552
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

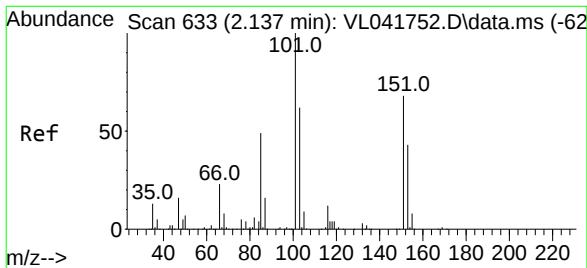
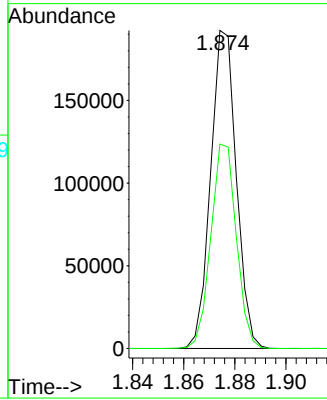
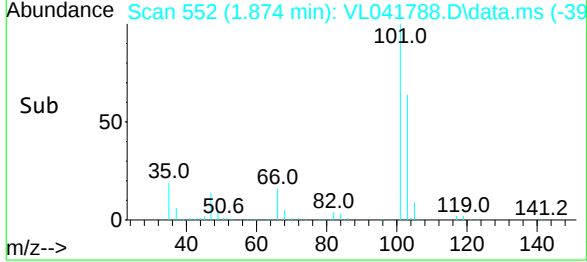
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:101 Resp: 134331
Ion Ratio Lower Upper
101 100
103 64.3 51.8 77.8

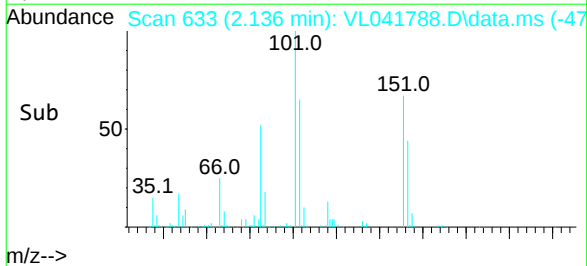
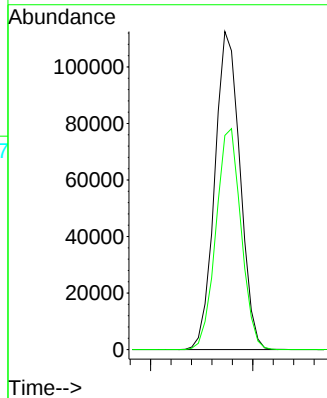
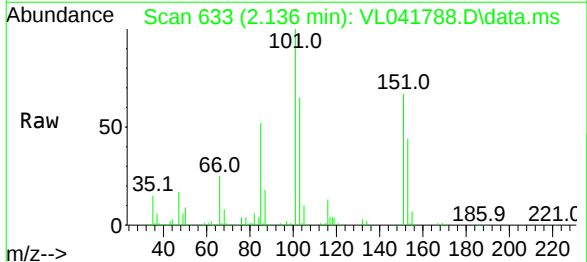
Manual Integrations
APPROVED

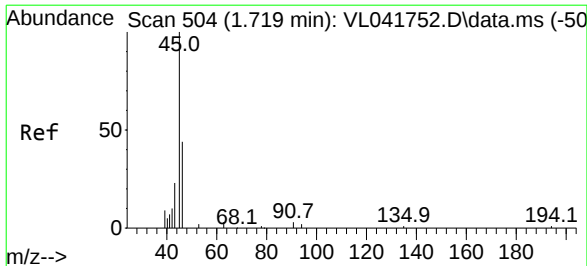
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.825 ppbv
RT: 2.136 min Scan# 633
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

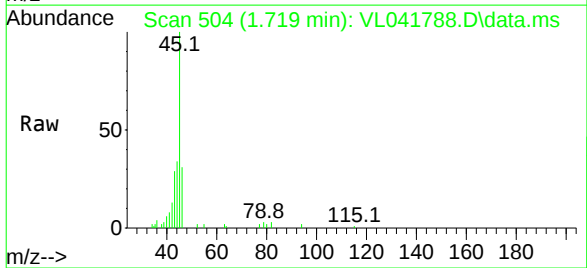
Tgt Ion:101 Resp: 96469
Ion Ratio Lower Upper
101 100
151 69.2 56.8 85.2





#13
Ethanol
Concen: 7.361 ppbv m
RT: 1.719 min Scan# 504
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

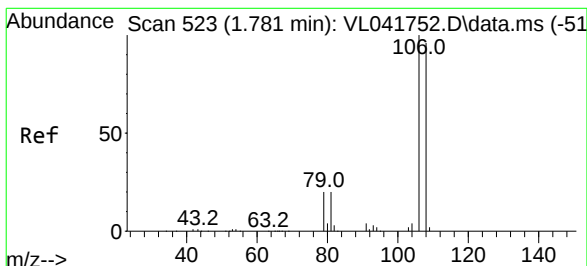
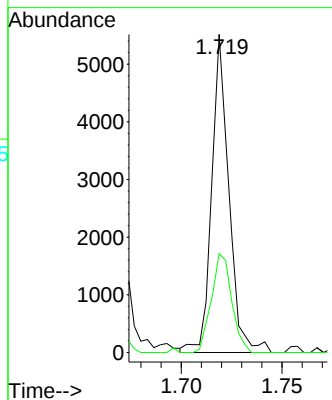
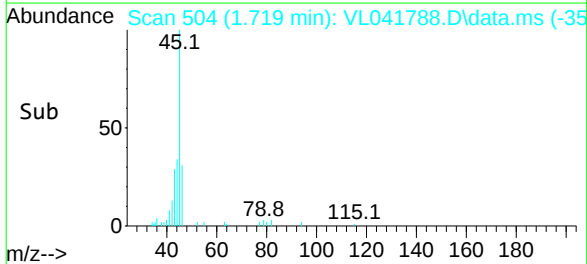
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



Tgt Ion: 45 Resp: 3276
Ion Ratio Lower Upper
45 100
46 37.1 16.4 65.8

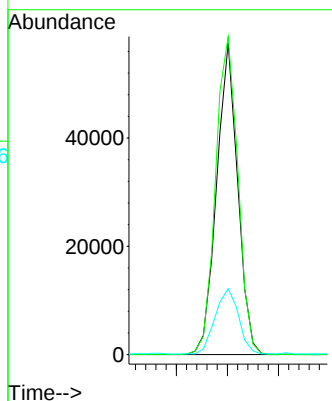
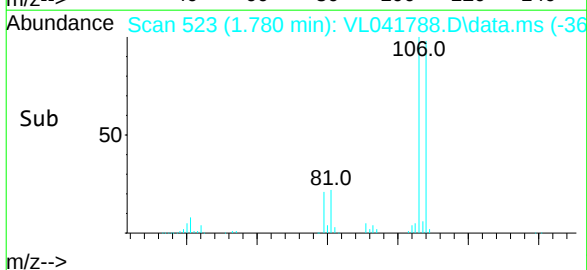
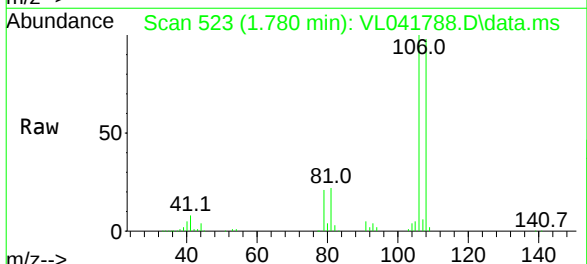
Manual Integrations
APPROVED

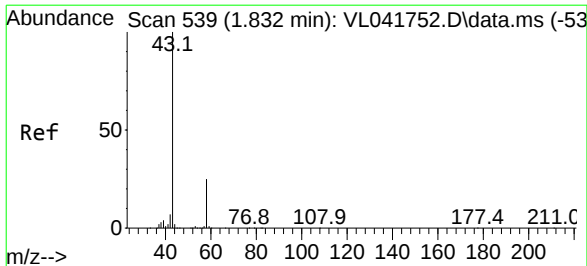
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#14
Bromoethene
Concen: 8.974 ppbv
RT: 1.780 min Scan# 523
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

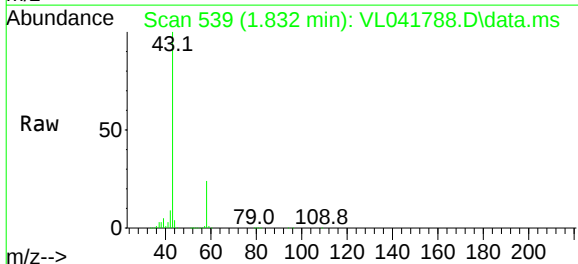
Tgt Ion:108 Resp: 33118
Ion Ratio Lower Upper
108 100
106 107.8 84.1 126.1
79 24.4 17.4 26.0





#15
Acetone
Concen: 7.522 ppbv
RT: 1.832 min Scan# 539
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

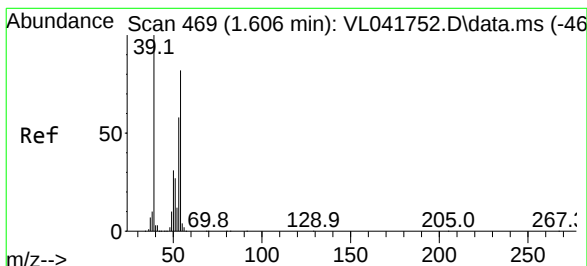
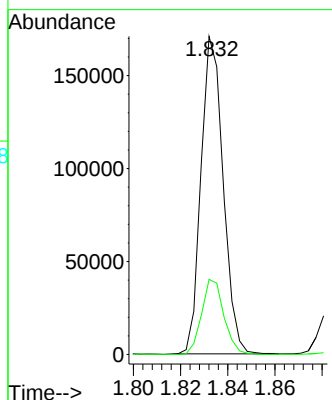
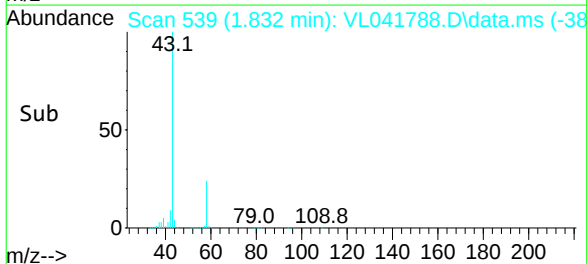
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



Tgt Ion: 43 Resp: 111294
Ion Ratio Lower Upper
43 100
58 24.0 19.7 29.5

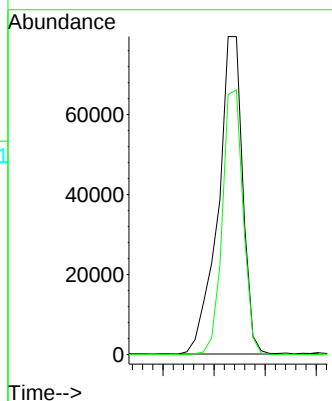
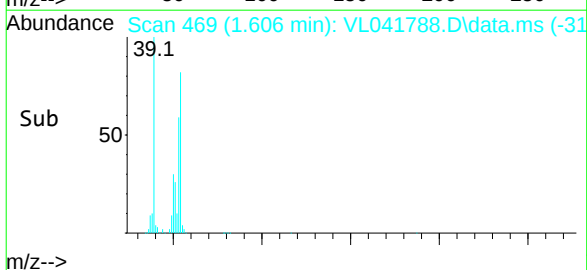
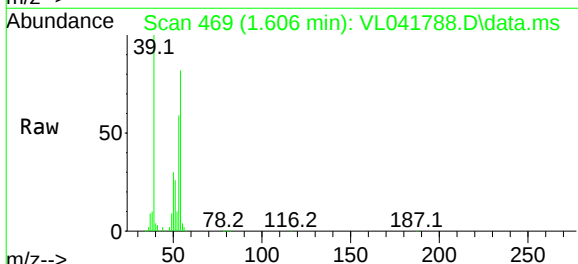
Manual Integrations
APPROVED

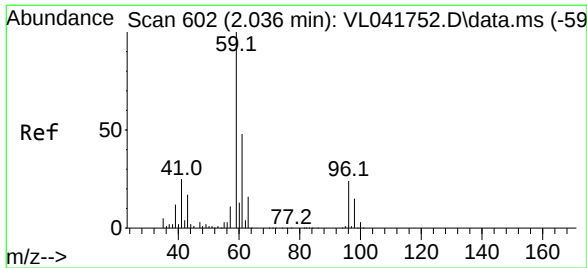
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#16
1,3-Butadiene
Concen: 9.149 ppbv
RT: 1.606 min Scan# 469
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

Tgt Ion: 39 Resp: 53299
Ion Ratio Lower Upper
39 100
54 70.3 58.4 87.6





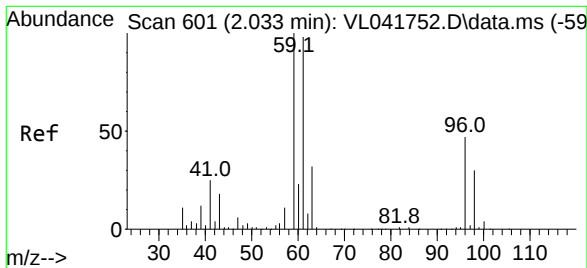
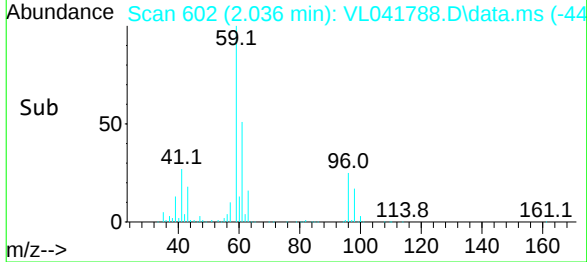
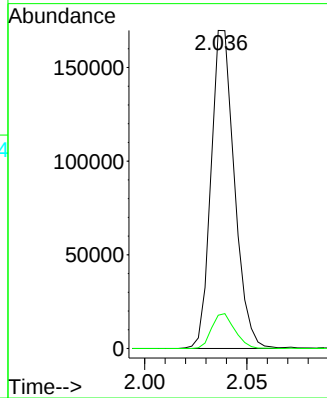
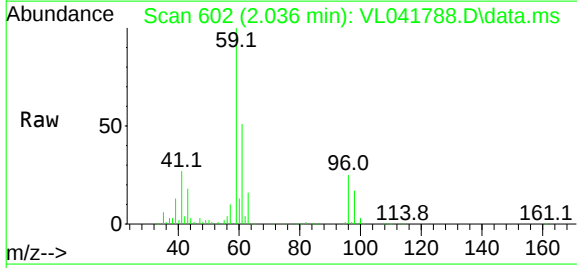
#17
tert-Butyl alcohol
Concen: 9.233 ppbv
RT: 2.036 min Scan# 602
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 135516
Ion Ratio Lower Upper
59 100
57 10.8 8.6 13.0

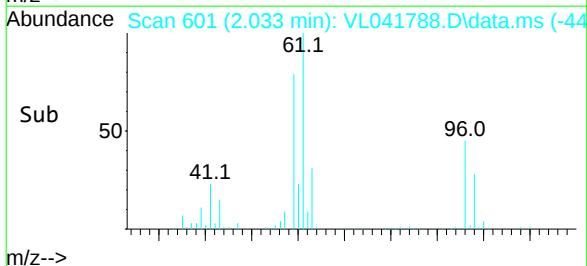
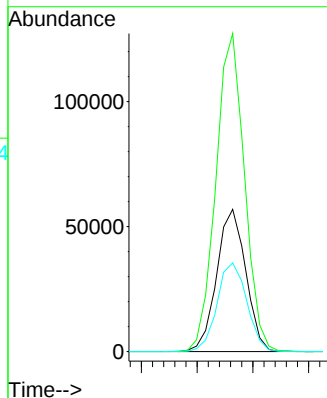
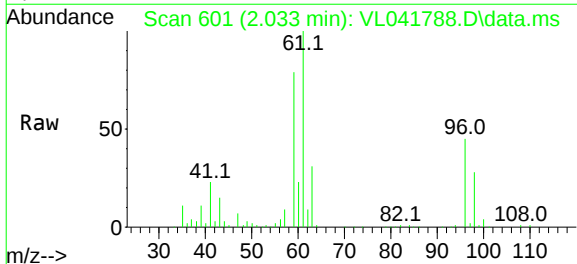
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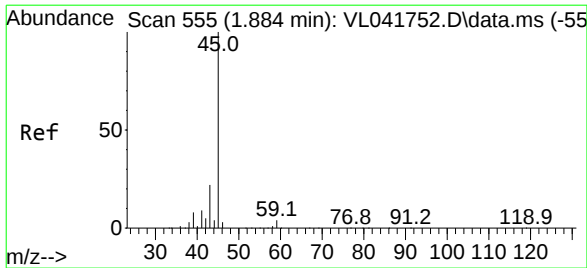
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#18
1,1-Dichloroethene
Concen: 8.996 ppbv
RT: 2.033 min Scan# 601
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

Tgt Ion: 96 Resp: 41224
Ion Ratio Lower Upper
96 100
61 223.2 167.7 251.5
98 62.3 51.1 76.7





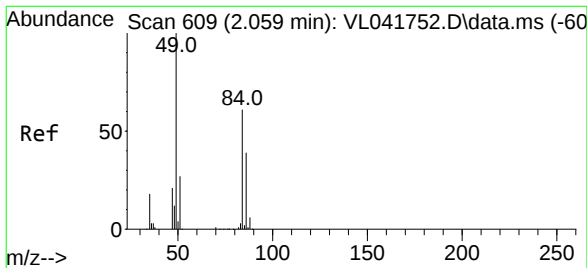
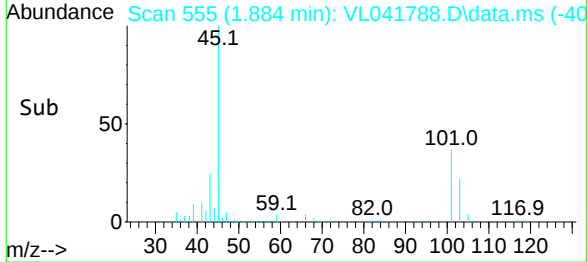
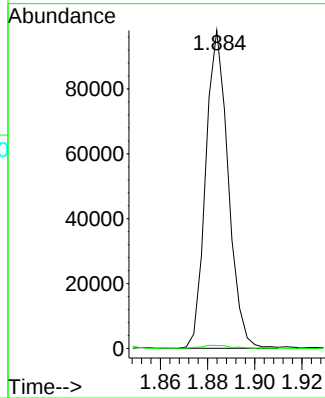
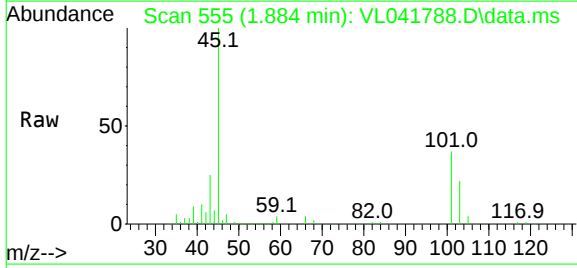
#19
Isopropyl Alcohol
Concen: 7.303 ppbv
RT: 1.884 min Scan# 555
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 64831
Ion Ratio Lower Upper
45 100
58 41.3 33.3 49.9

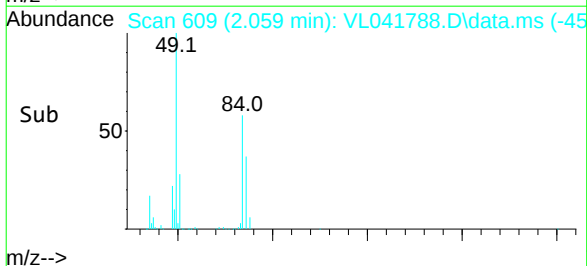
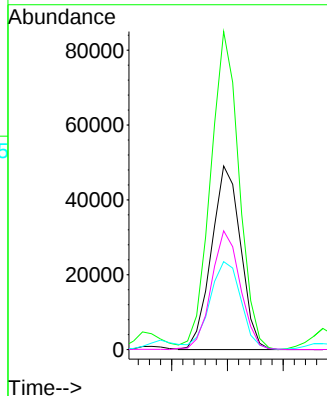
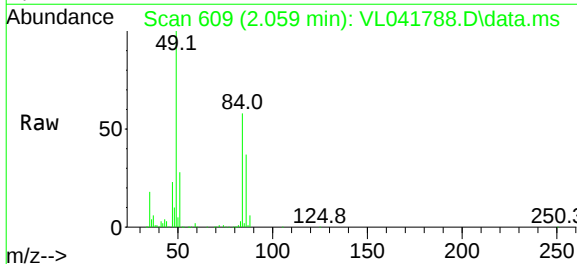
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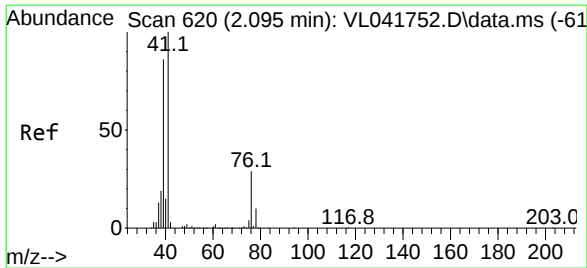
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#20
Methylene Chloride
Concen: 8.462 ppbv
RT: 2.059 min Scan# 609
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

Tgt Ion: 84 Resp: 35699
Ion Ratio Lower Upper
84 100
49 173.2 132.6 198.8
51 47.7 37.6 56.4
86 64.4 51.4 77.0





#21

Allyl Chloride

Concen: 9.281 ppbv

RT: 2.094 min Scan# 620

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_L

ClientSampleId :

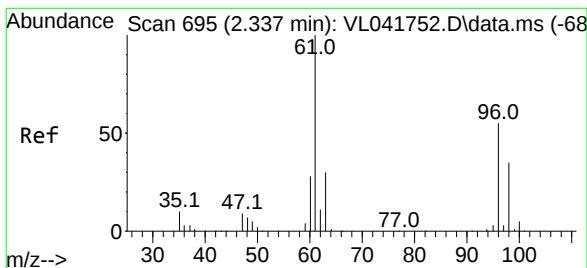
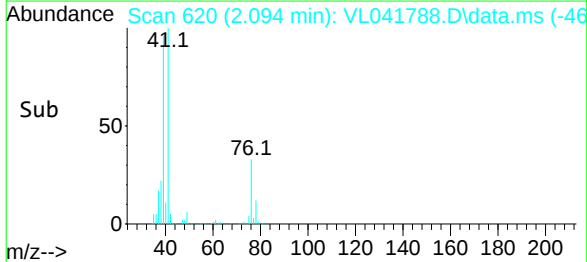
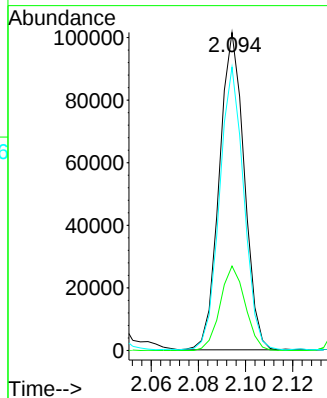
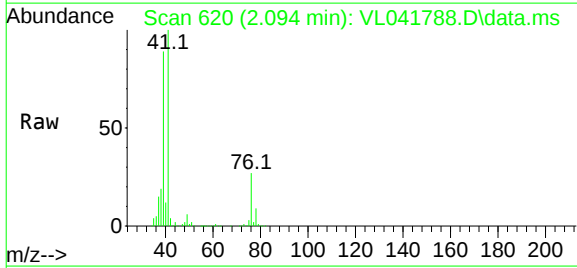
VSTDCCC010

Tgt Ion:	41	Resp:	74468
Ion	Ratio	Lower	Upper
41	100		
76	26.7	22.3	33.5
39	86.9	69.2	103.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#22

trans-1,2-Dichloroethene

Concen: 8.641 ppbv

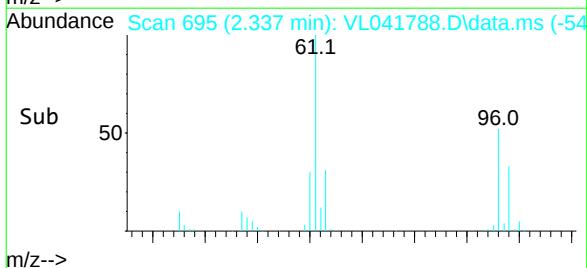
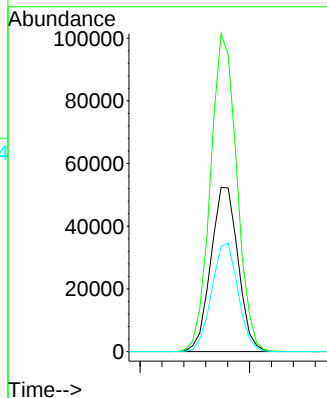
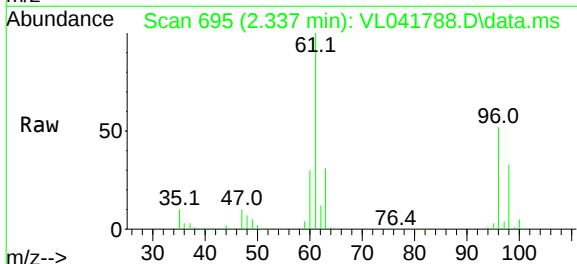
RT: 2.337 min Scan# 695

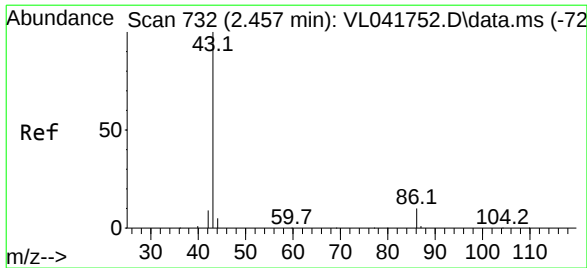
Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Tgt Ion:	96	Resp:	45331
Ion	Ratio	Lower	Upper
96	100		
61	193.5	146.3	219.5
98	64.1	50.8	76.2





#23

Vinyl Acetate

Concen: 7.673 ppbv

RT: 2.460 min Scan# 732

Delta R.T. 0.003 min

Lab File: VL041788.D

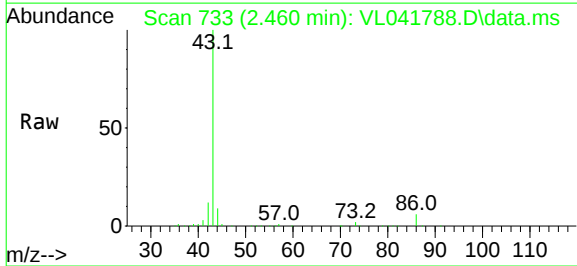
Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 43 Resp: 52709

Ion Ratio Lower Upper

43 100

86 6.3 6.6 10.0

42 12.0 8.2 12.2

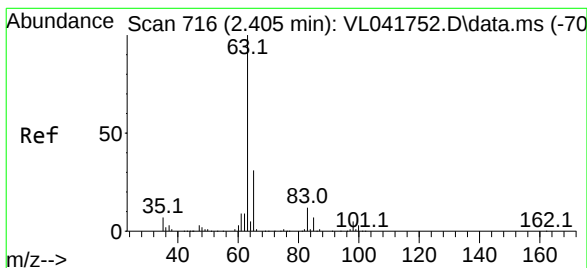
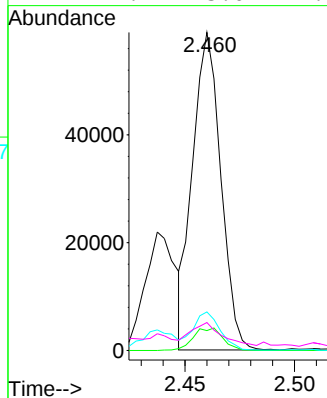
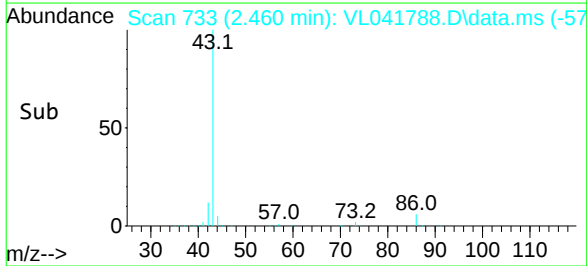
44 7.1 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/19/2024

Supervised By :Mahesh Dadoda 12/19/2024



#24

1,1-Dichloroethane

Concen: 9.020 ppbv

RT: 2.405 min Scan# 716

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

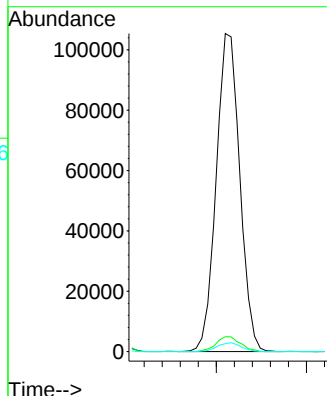
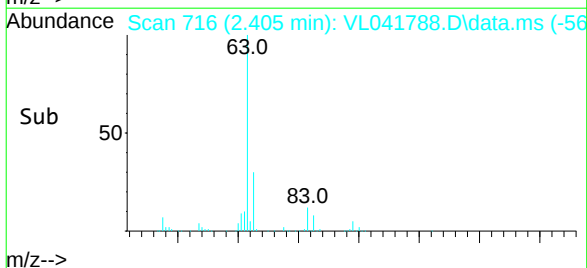
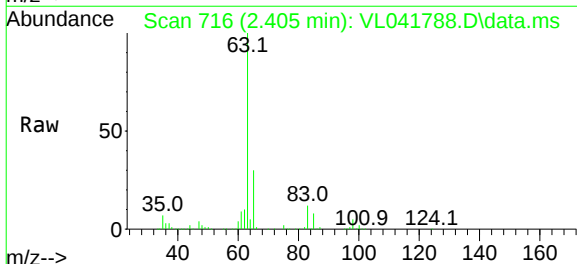
Tgt Ion: 63 Resp: 95779

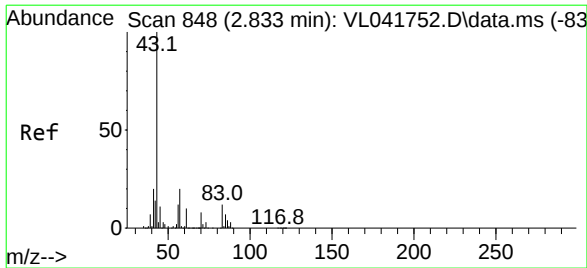
Ion Ratio Lower Upper

63 100

98 4.7 2.3 6.8

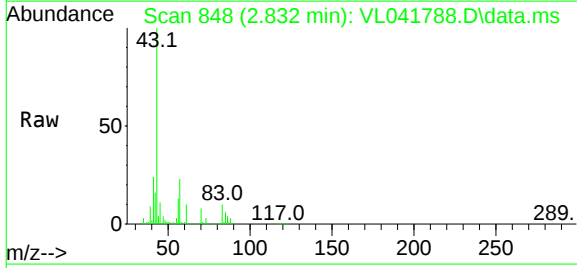
100 2.5 1.4 4.2





#25
Ethyl Acetate
Concen: 8.675 ppbv
RT: 2.832 min Scan# 848
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

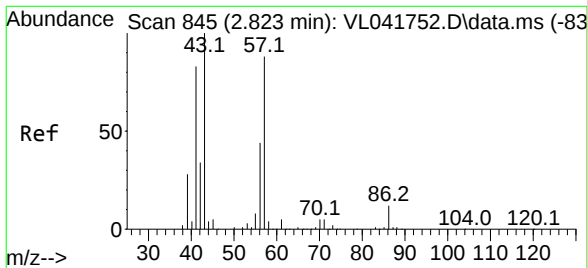
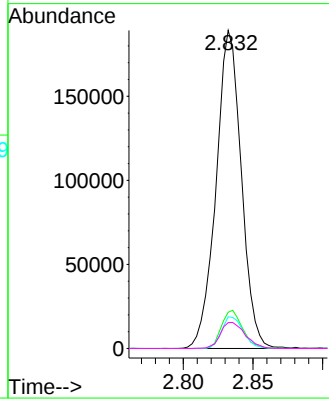
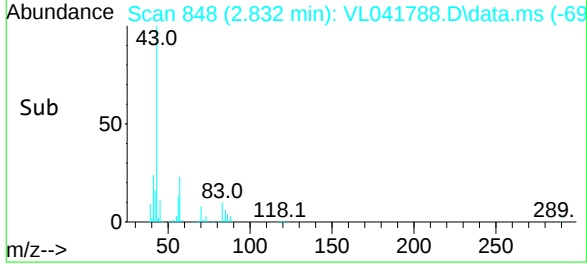
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.1	12.1
61	8.6	7.0	10.6
70	8.0	6.5	9.7

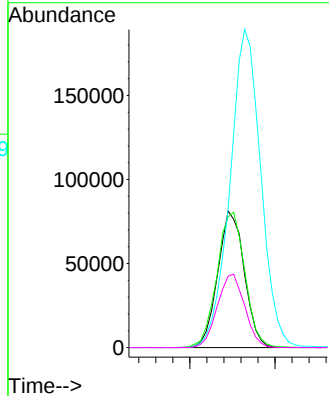
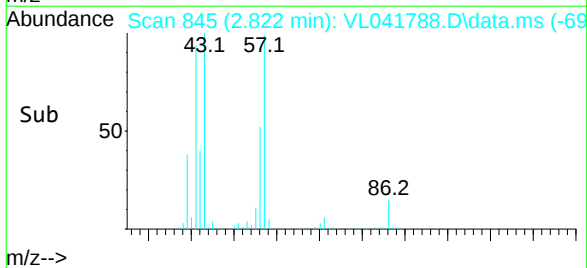
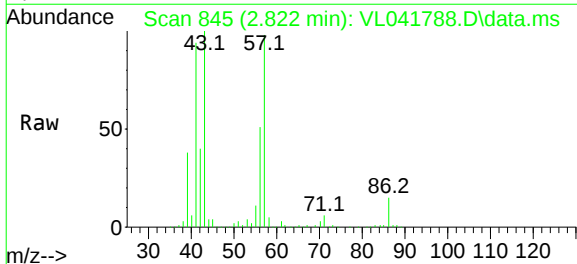
Manual Integrations
APPROVED

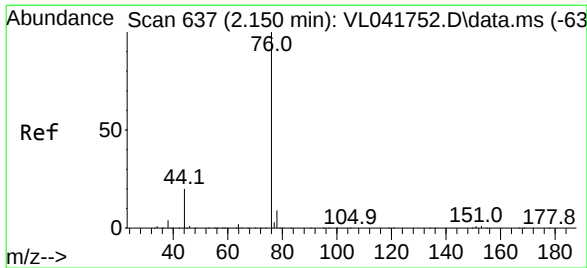
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#26
Hexane
Concen: 8.386 ppbv
RT: 2.822 min Scan# 845
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

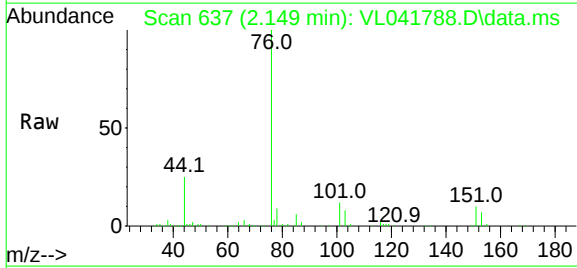
Tgt Ion	Ratio	Lower	Upper
57	100		
41	104.9	79.6	119.4
43	273.5	211.0	316.6
56	55.5	42.6	63.8





#27
Carbon Disulfide
Concen: 9.064 ppbv
RT: 2.149 min Scan# 637
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

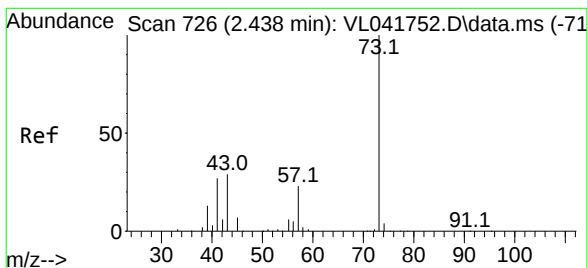
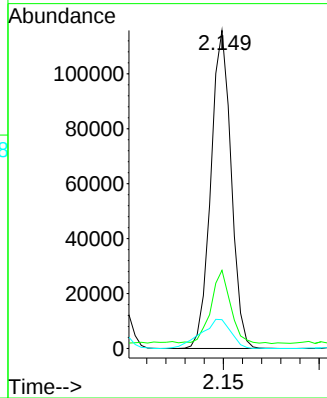
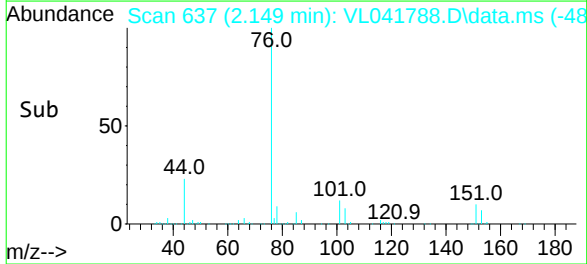
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



Tgt Ion: 76 Resp: 85318
Ion Ratio Lower Upper
76 100
44 22.8 17.6 26.4
78 13.5 10.2 15.4

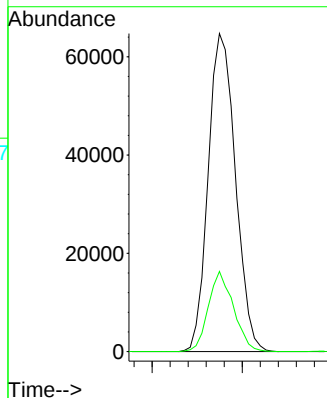
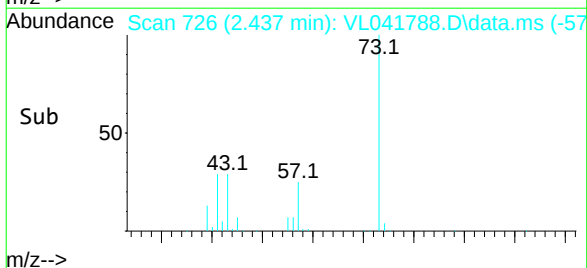
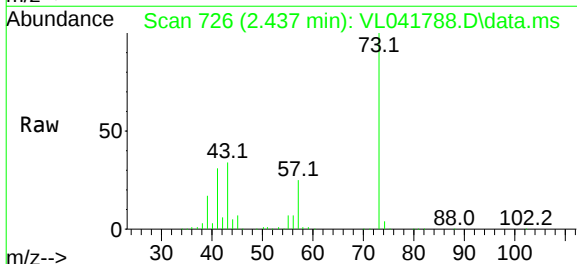
Manual Integrations
APPROVED

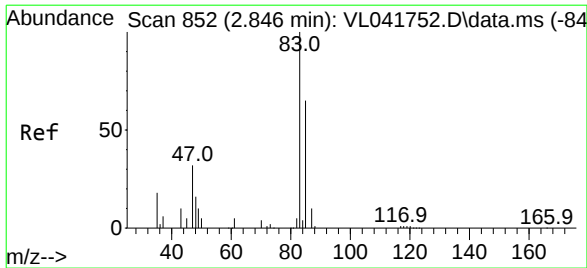
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#28
Methyl tert-Butyl Ether
Concen: 8.021 ppbv
RT: 2.437 min Scan# 726
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

Tgt Ion: 73 Resp: 67965
Ion Ratio Lower Upper
73 100
57 23.3 17.6 26.4





#29

Chloroform

Concen: 9.143 ppbv

RT: 2.845 min Scan# 85

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 145536

Ion Ratio Lower Upper

83 100

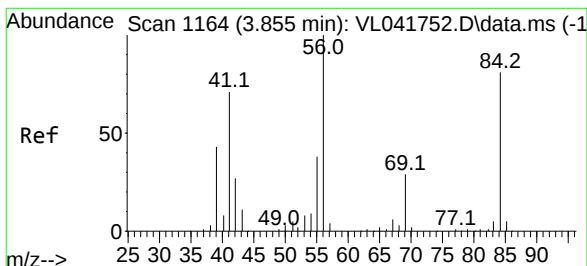
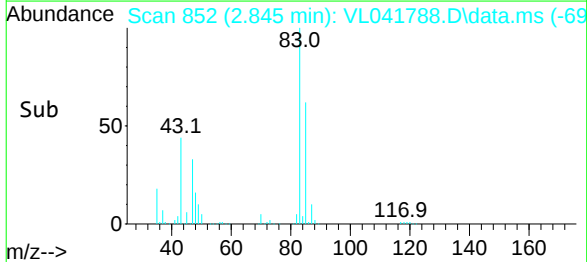
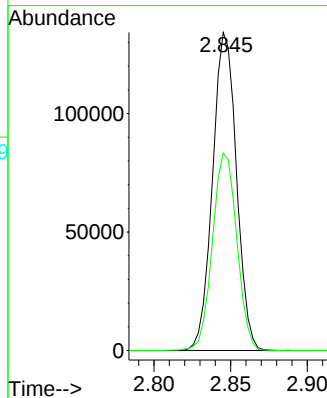
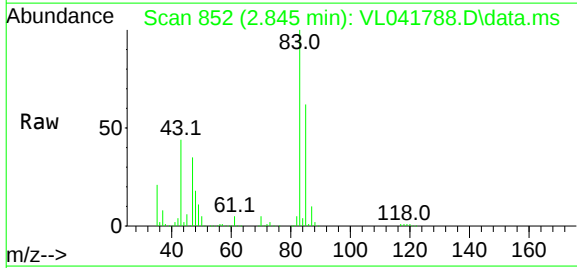
85 62.0 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/19/2024

Supervised By :Mahesh Dadoda 12/19/2024



#30

Cyclohexane

Concen: 8.366 ppbv

RT: 3.855 min Scan# 1164

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

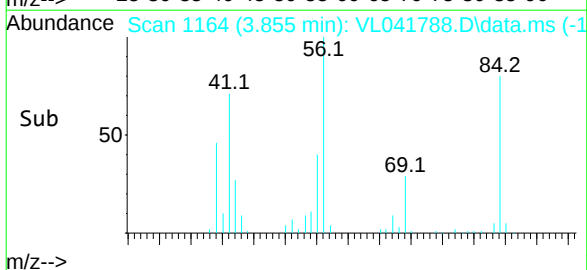
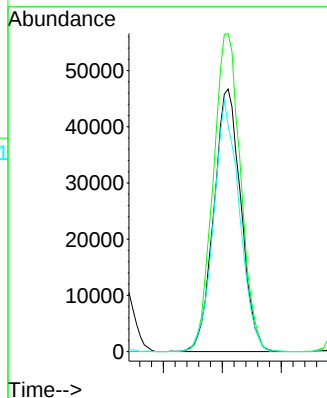
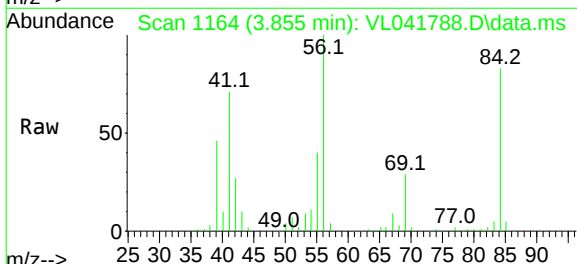
Tgt Ion: 84 Resp: 74346

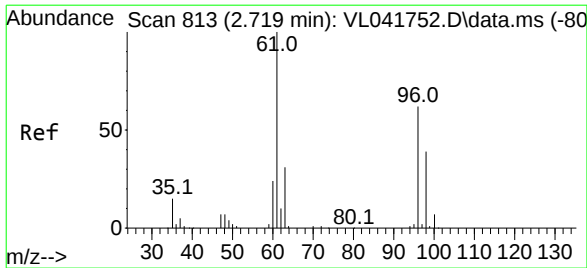
Ion Ratio Lower Upper

84 100

56 122.7 102.3 153.5

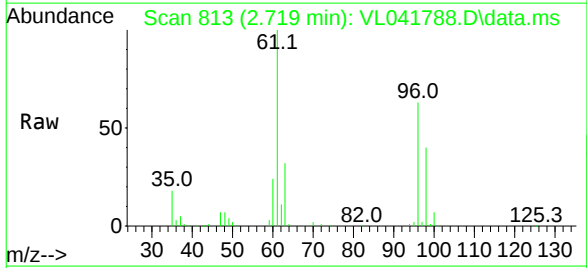
41 91.8 74.0 111.0





#31
cis-1,2-Dichloroethene
Concen: 8.567 ppbv
RT: 2.719 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

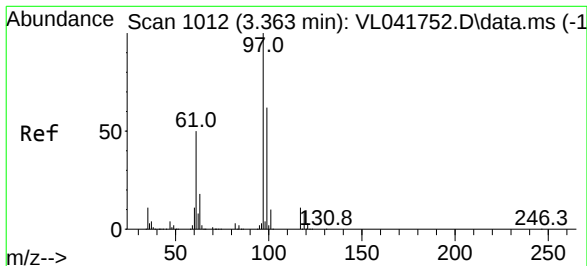
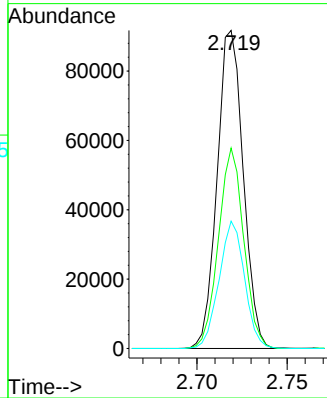
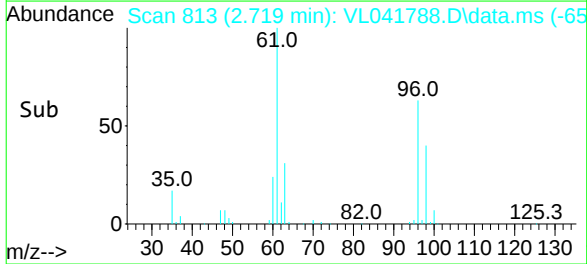
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 61 Resp: 92460
Ion Ratio Lower Upper
61 100
96 63.0 49.7 74.5
98 40.0 30.8 46.2

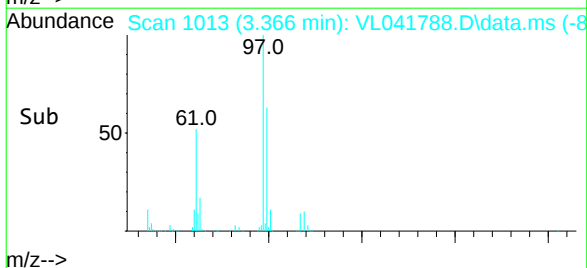
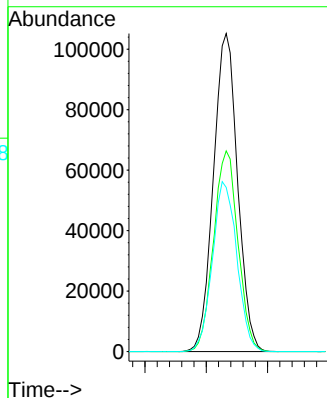
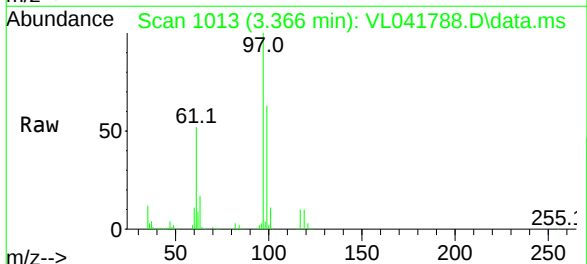
Manual Integrations
APPROVED

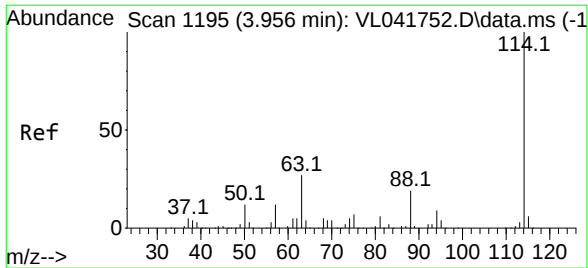
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#32
1,1,1-Trichloroethane
Concen: 8.902 ppbv
RT: 3.366 min Scan# 1013
Delta R.T. 0.003 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

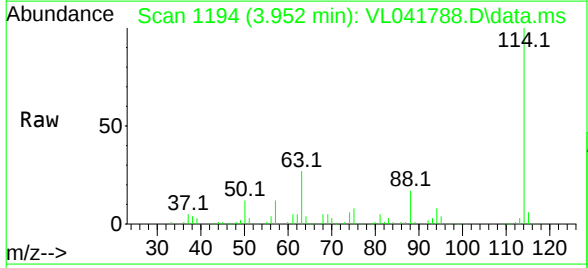
Tgt Ion: 97 Resp: 144038
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.4
61 54.0 42.2 63.2





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.952 min Scan# 1194
Delta R.T. -0.004 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

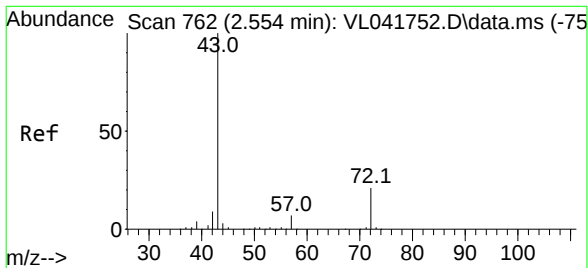
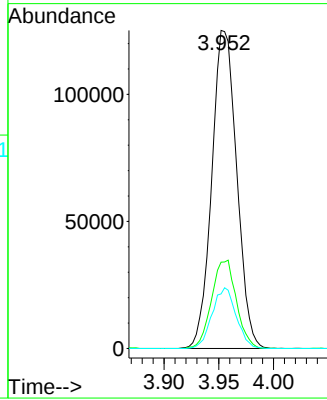
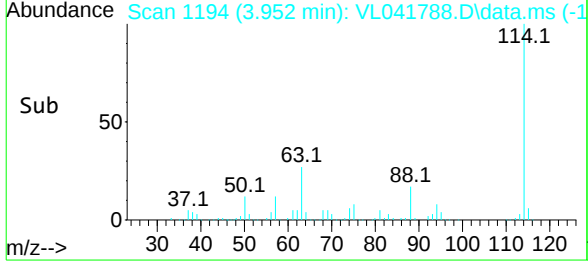
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 114 Resp: 198376
Ion Ratio Lower Upper
114 100
63 27.6 21.8 32.8
88 18.4 14.8 22.2

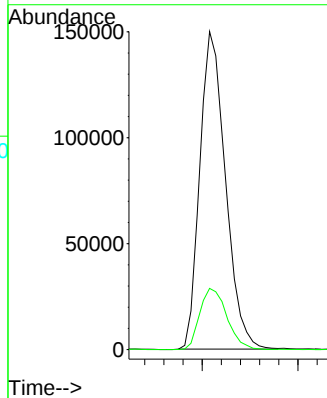
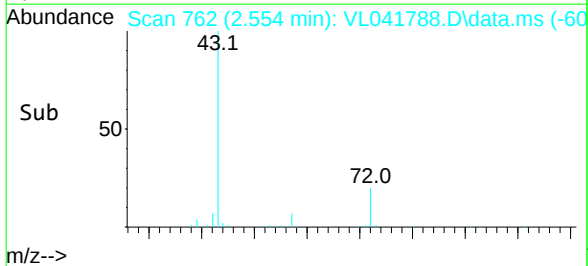
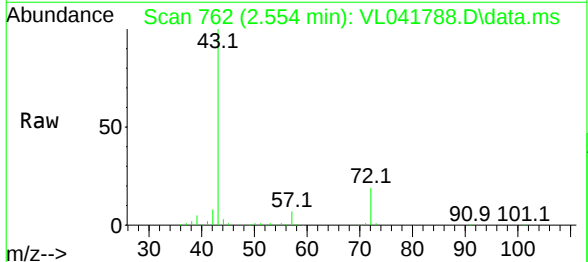
Manual Integrations
APPROVED

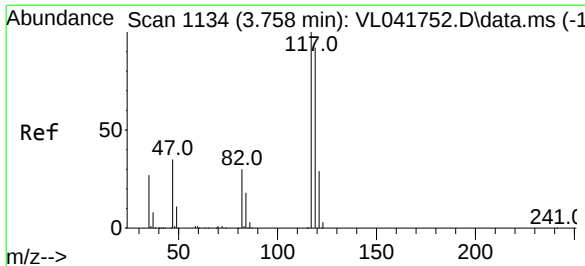
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#34
2-Butanone
Concen: 8.742 ppbv
RT: 2.554 min Scan# 762
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

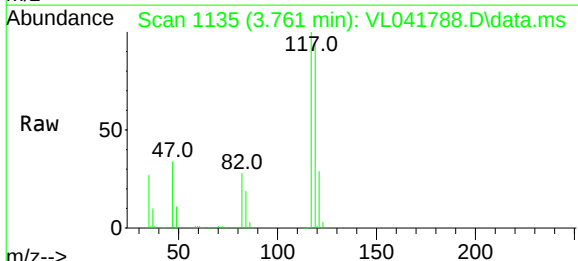
Tgt Ion: 43 Resp: 139509
Ion Ratio Lower Upper
43 100
72 20.5 16.8 25.2





#35
Carbon Tetrachloride
Concen: 10.490 ppbv
RT: 3.761 min Scan# 1134
Delta R.T. 0.003 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

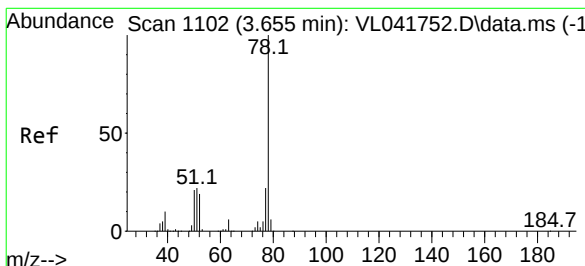
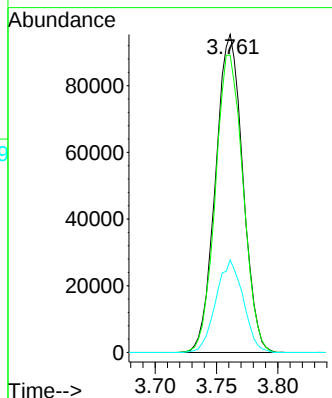
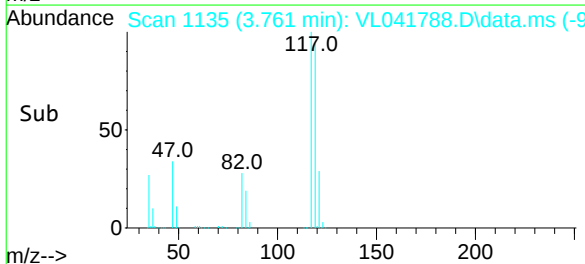
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 147726
Ion Ratio Lower Upper
117 100
119 93.5 73.7 110.5
121 29.1 23.0 34.4

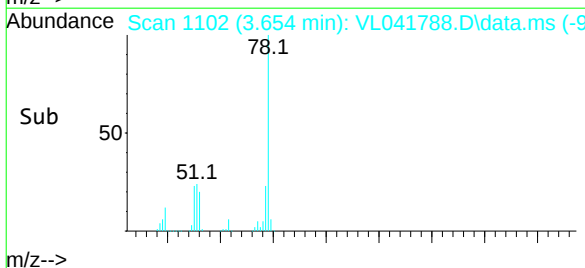
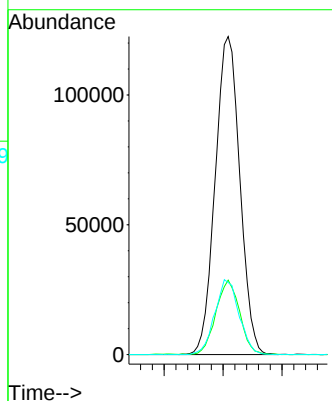
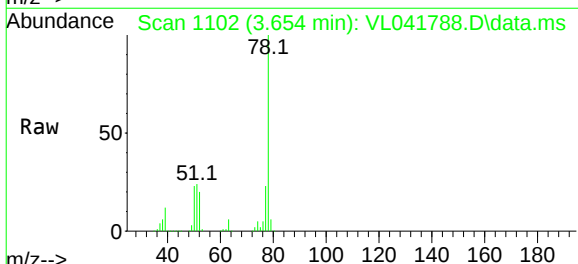
Manual Integrations
APPROVED

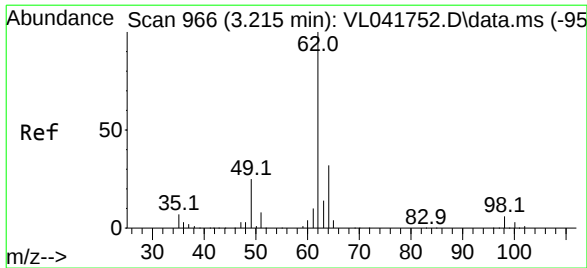
Reviewed By : Semsettin Yesilyurt 12/19/2024
Supervised By : Mahesh Dadoda 12/19/2024



#36
Benzene
Concen: 8.680 ppbv
RT: 3.654 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

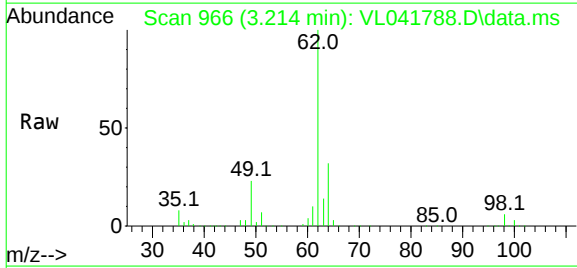
Tgt Ion: 78 Resp: 178114
Ion Ratio Lower Upper
78 100
77 23.3 17.8 26.6
50 22.6 17.2 25.8





#37
1,2-Dichloroethane
Concen: 9.509 ppbv
RT: 3.214 min Scan# 966
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

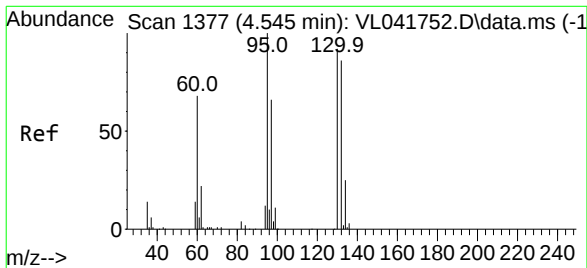
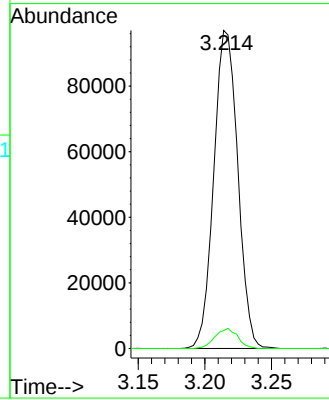
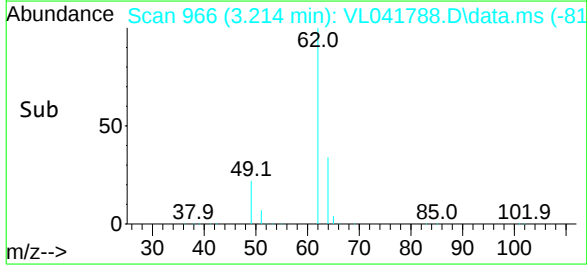
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



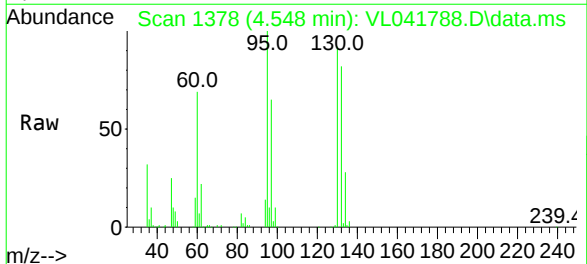
Tgt Ion: 62 Resp: 121412
Ion Ratio Lower Upper
62 100
98 6.0 4.7 7.1

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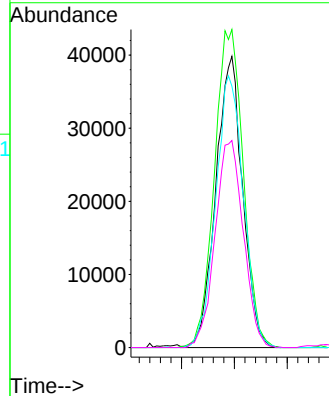
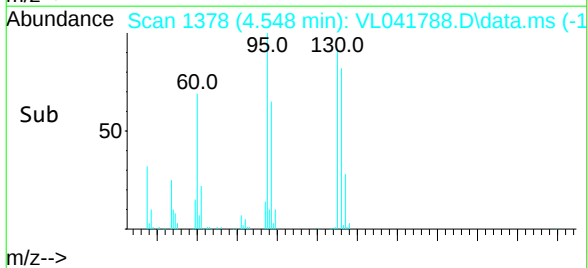
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024

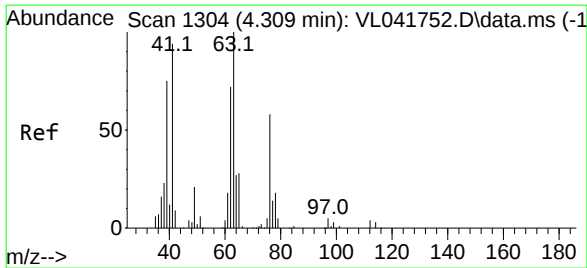


#38
Trichloroethene
Concen: 8.057 ppbv
RT: 4.548 min Scan# 1378
Delta R.T. 0.003 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29



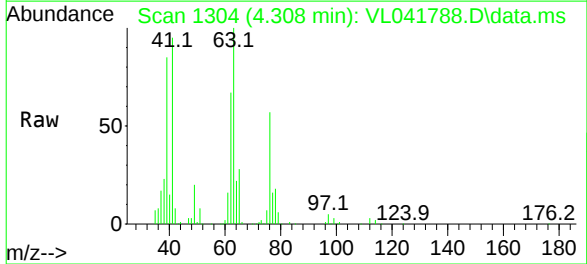
Tgt Ion:130 Resp: 70175
Ion Ratio Lower Upper
130 100
95 109.2 87.0 130.6
132 89.8 75.0 112.6
97 71.1 57.2 85.8





#39
1,2-Dichloropropane
Concen: 8.645 ppbv
RT: 4.308 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

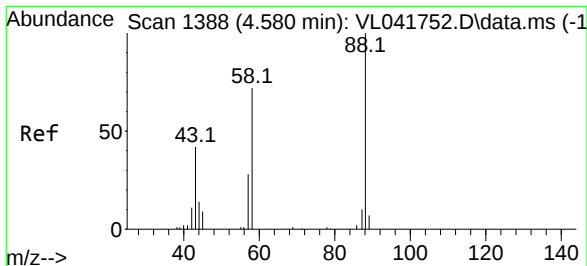
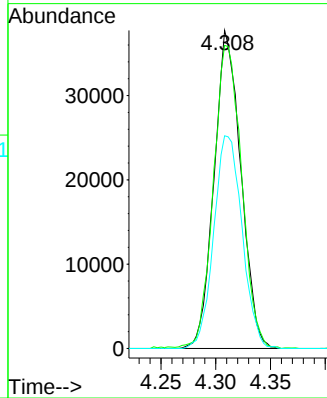
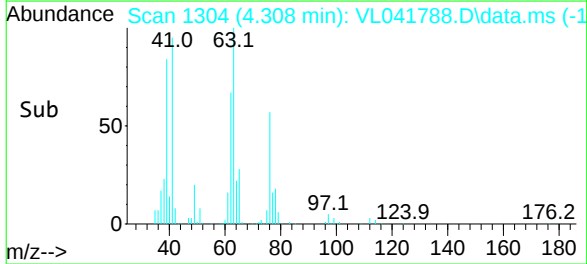
Instrument : MSVOA_1
ClientSampleId : VSTDCCC010



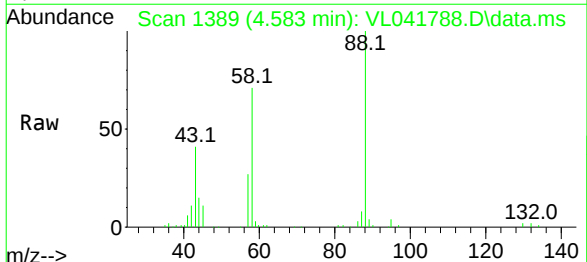
Tgt Ion: 63 Resp: 64154
Ion Ratio Lower Upper
63 100
41 94.8 75.3 112.9
62 66.9 57.3 85.9

Manual Integrations
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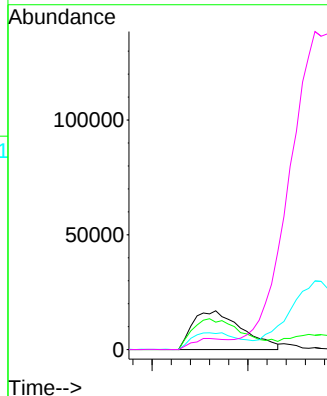
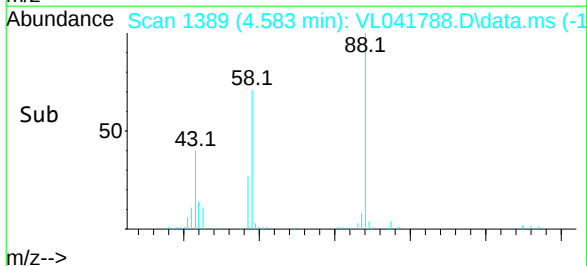
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024

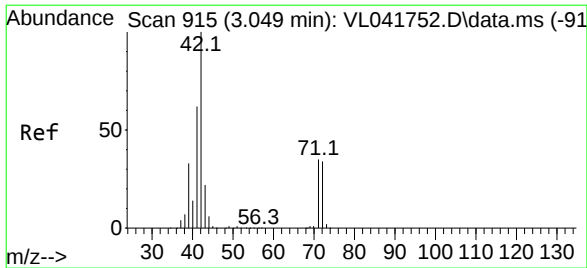


#40
1,4-Dioxane
Concen: 8.347 ppbv
RT: 4.583 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29



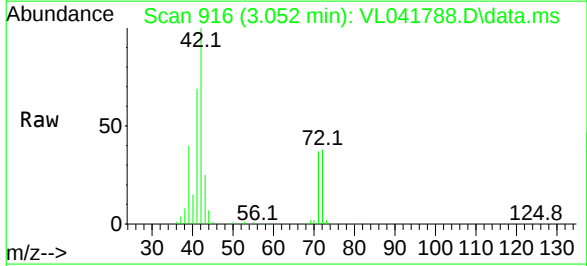
Tgt Ion: 88 Resp: 30262
Ion Ratio Lower Upper
88 100
58 79.3 61.0 91.6
43 40.5 29.4 44.0
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 8.359 ppbv
RT: 3.052 min Scan# 915
Delta R.T. 0.003 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

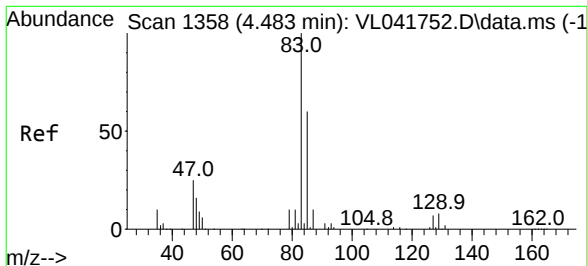
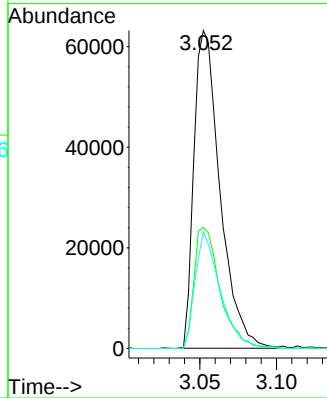
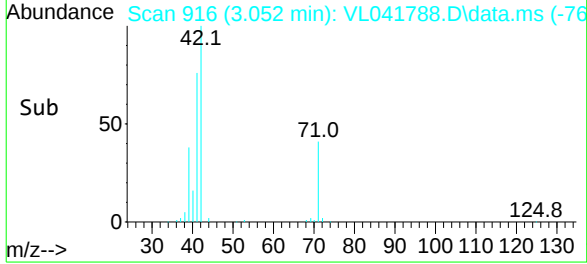
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



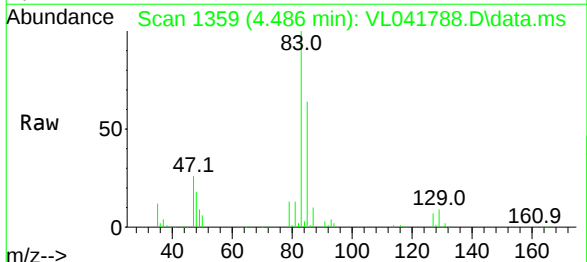
Tgt Ion: 42 Resp: 74734
Ion Ratio Lower Upper
42 100
72 38.0 29.1 43.7
71 35.3 28.4 42.6

Manual Integrations
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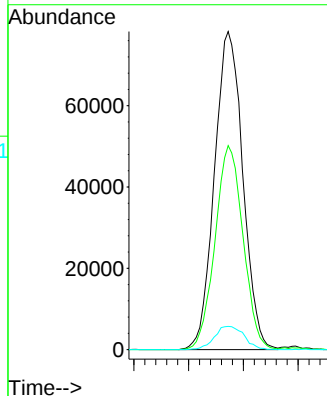
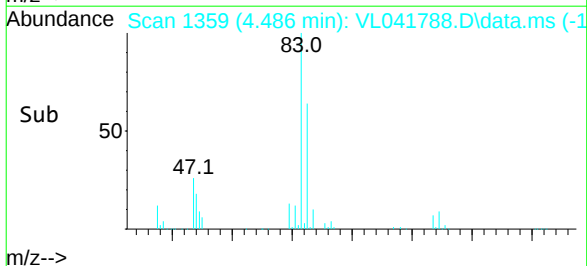
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024

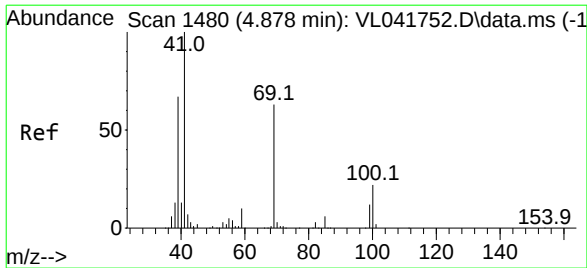


#42
Bromodichloromethane
Concen: 9.588 ppbv
RT: 4.486 min Scan# 1359
Delta R.T. 0.003 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29



Tgt Ion: 83 Resp: 140832
Ion Ratio Lower Upper
83 100
85 64.1 48.0 72.0
127 7.3 5.8 8.8





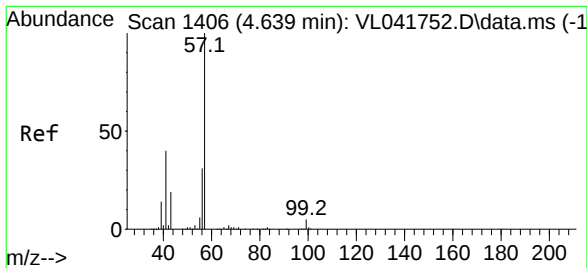
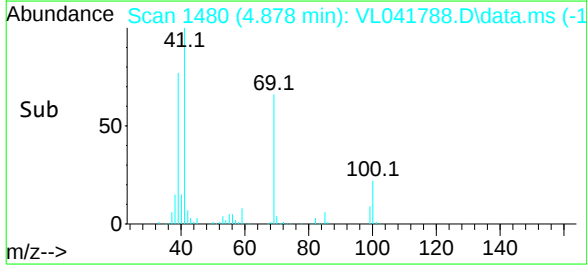
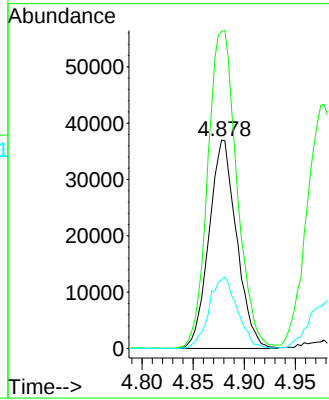
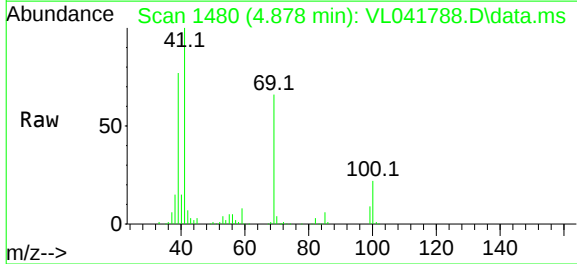
#43
Methyl Methacrylate
Concen: 8.895 ppbv
RT: 4.878 min Scan# 14
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:	69	Resp:	69545
Ion	Ratio	Lower	Upper
69	100		
41	161.4	130.3	195.5
100	35.2	28.3	42.5

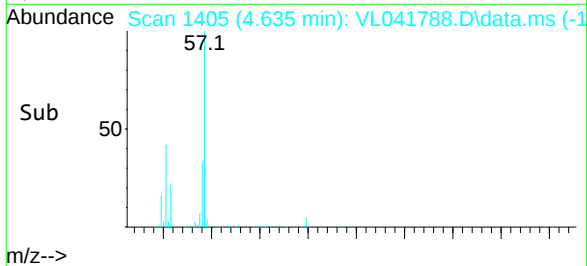
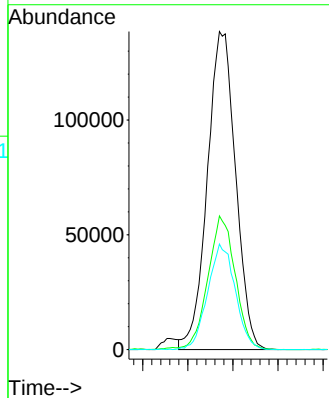
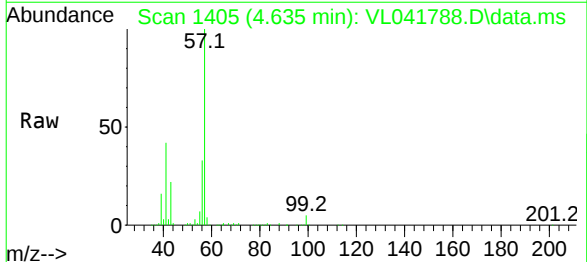
Manual Integrations
APPROVED

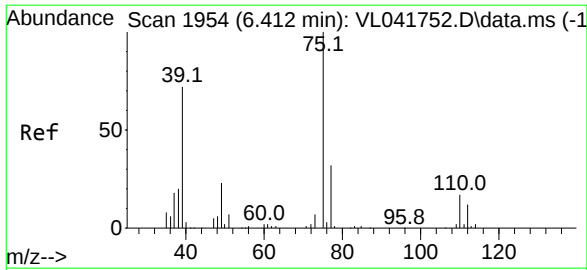
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#44
2,2,4-Trimethylpentane
Concen: 8.627 ppbv
RT: 4.635 min Scan# 1405
Delta R.T. -0.004 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

Tgt Ion:	57	Resp:	302332
Ion	Ratio	Lower	Upper
57	100		
41	40.7	30.7	46.1
56	32.3	25.4	38.0





#45

t-1,3-Dichloropropene

Concen: 8.607 ppbv

RT: 6.412 min Scan# 19

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 75 Resp: 69601

Ion Ratio Lower Upper

75 100

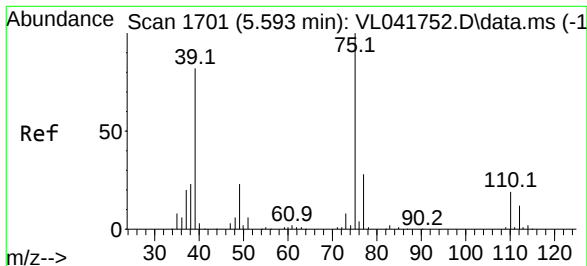
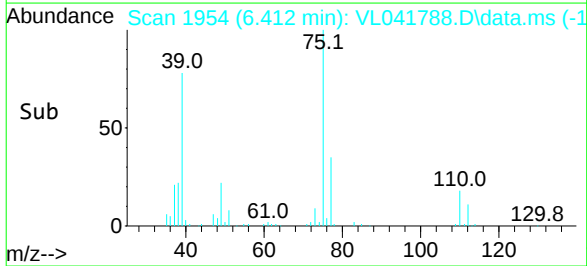
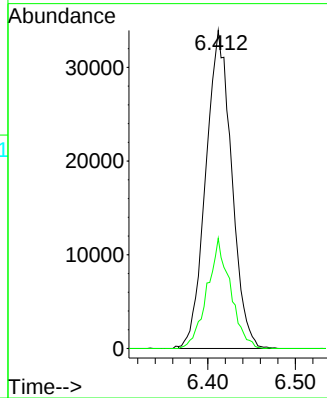
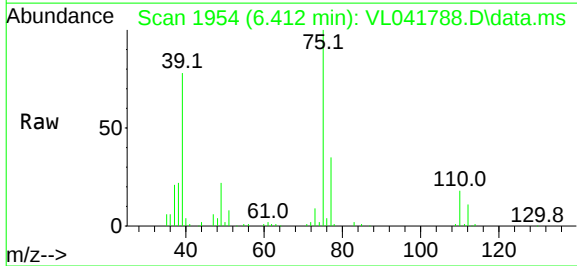
77 34.6 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/19/2024

Supervised By :Mahesh Dadoda 12/19/2024



#46

cis-1,3-Dichloropropene

Concen: 8.701 ppbv m

RT: 5.593 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

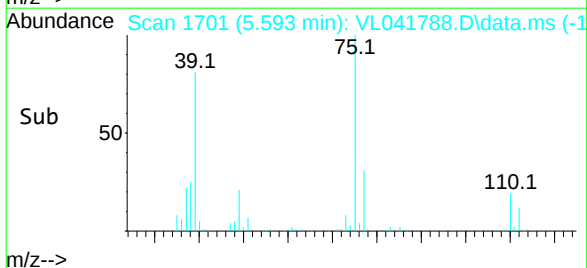
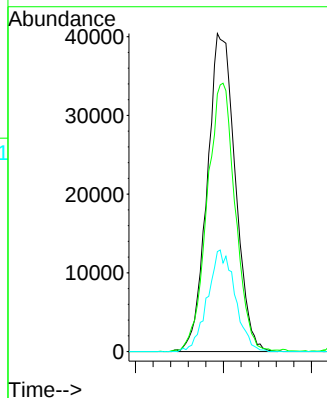
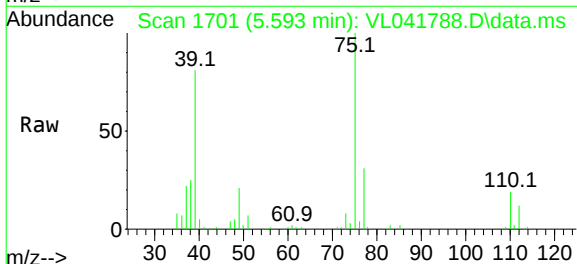
Tgt Ion: 75 Resp: 89328

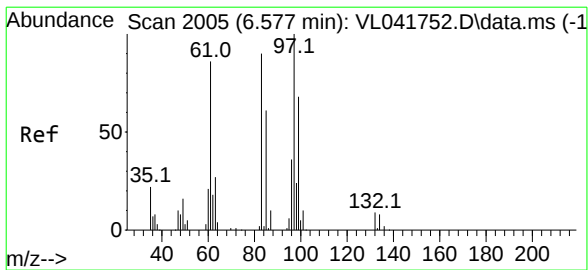
Ion Ratio Lower Upper

75 100

39 81.0 65.2 97.8

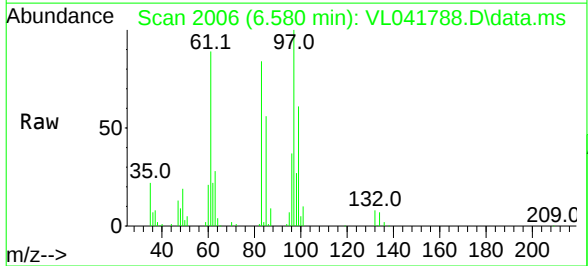
77 31.4 22.0 33.0





#47
1,1,2-Trichloroethane
Concen: 8.736 ppbv
RT: 6.580 min Scan# 2005
Delta R.T. 0.003 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

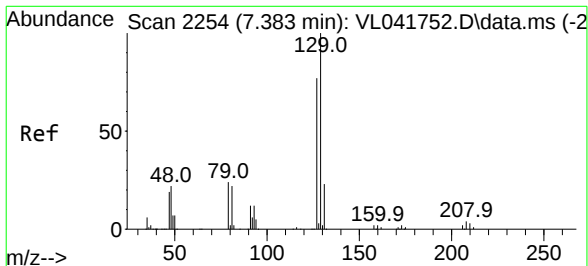
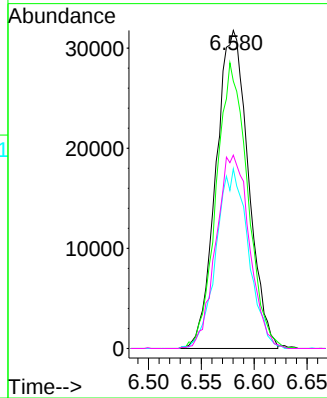
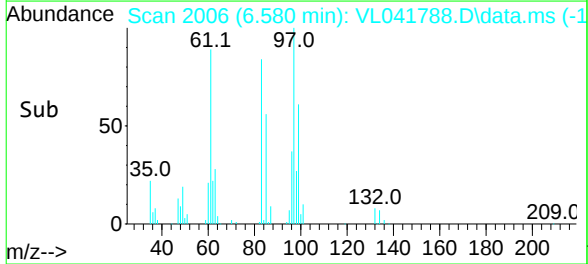
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 97 Resp: 67717
Ion Ratio Lower Upper
97 100
83 84.1 72.3 108.5
85 56.5 48.5 72.7
99 60.8 54.0 81.0

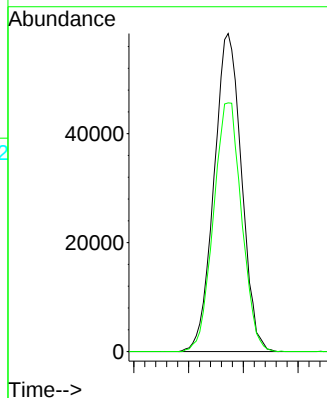
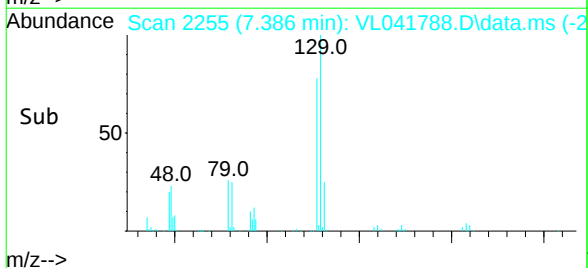
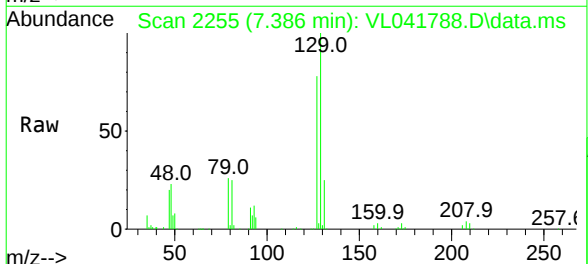
Manual Integrations
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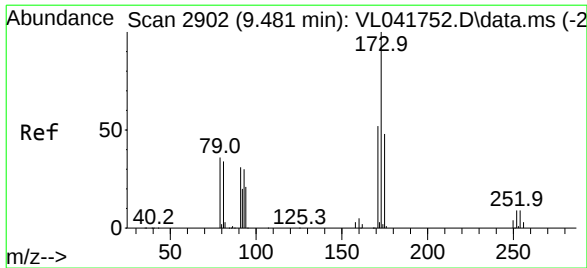
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#48
Dibromochloromethane
Concen: 9.625 ppbv
RT: 7.386 min Scan# 2255
Delta R.T. 0.003 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

Tgt Ion:129 Resp: 101875
Ion Ratio Lower Upper
129 100
127 80.0 38.8 116.3





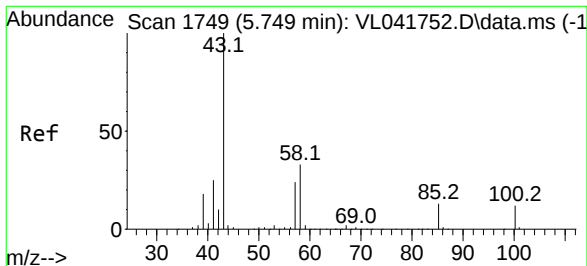
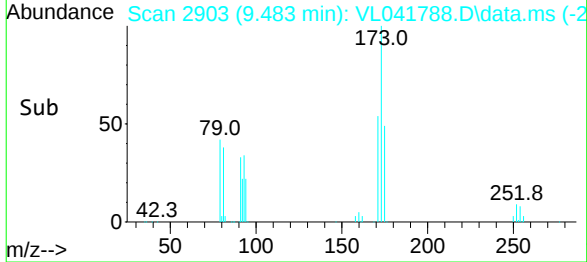
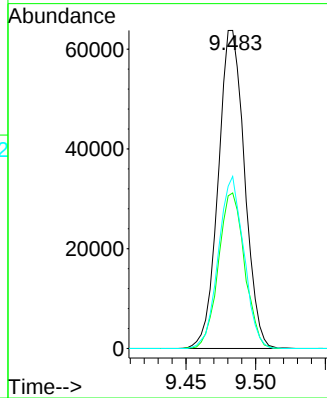
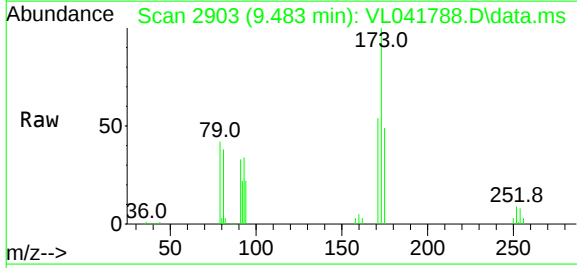
#49
Bromoform
Concen: 9.655 ppbv
RT: 9.483 min Scan# 2902
Delta R.T. 0.003 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 173 Resp: 83649
Ion Ratio Lower Upper
173 100
175 48.6 38.2 57.2
171 52.2 41.1 61.7

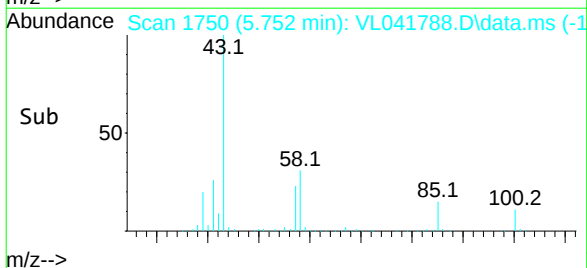
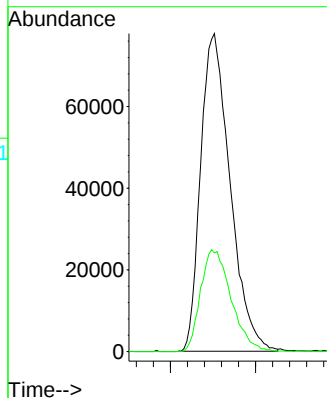
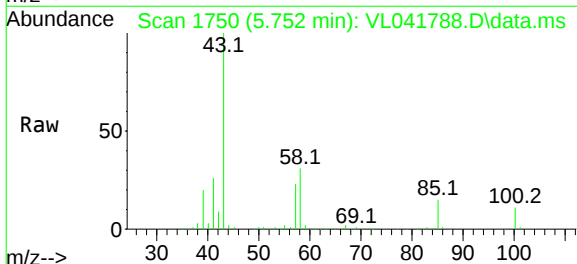
Manual Integrations
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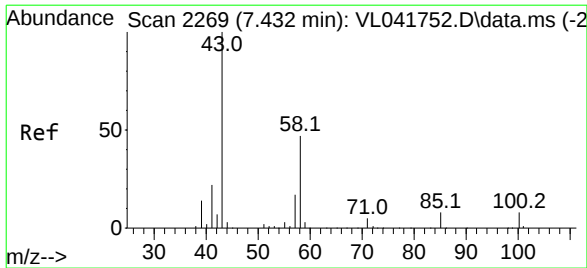
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#50
4-Methyl-2-Pentanone
Concen: 8.600 ppbv
RT: 5.752 min Scan# 1750
Delta R.T. 0.003 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

Tgt Ion: 43 Resp: 186865
Ion Ratio Lower Upper
43 100
58 33.2 26.8 40.2





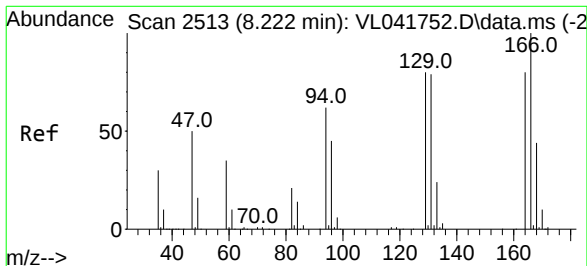
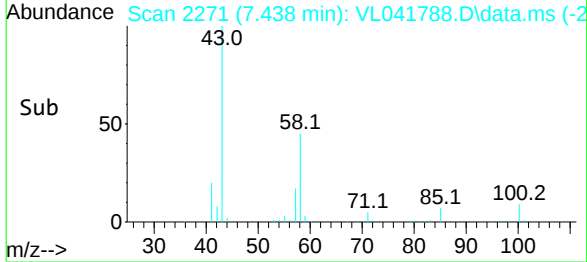
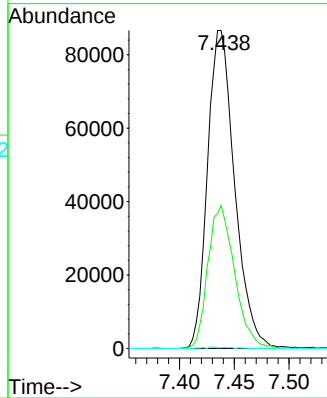
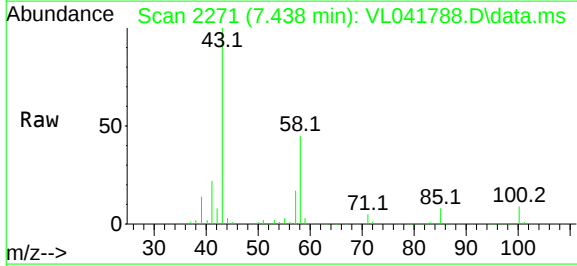
#51
2-Hexanone
Concen: 8.472 ppbv
RT: 7.438 min Scan# 2269
Delta R.T. 0.006 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 149217
Ion Ratio Lower Upper
43 100
58 44.3 36.6 55.0
98 0.4 0.1 0.1

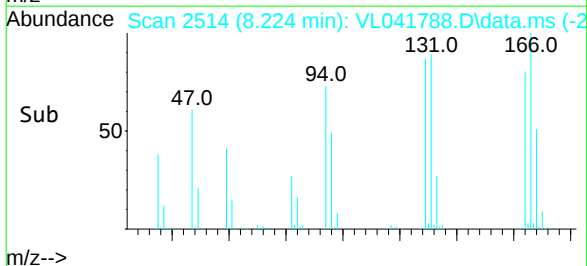
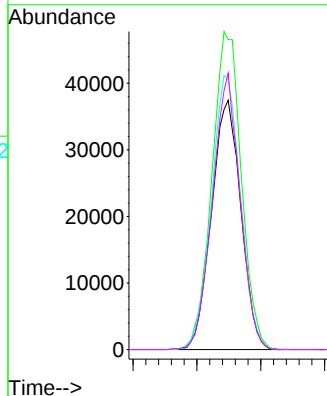
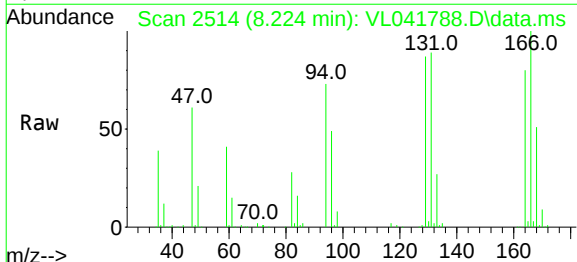
Manual Integrations
APPROVED

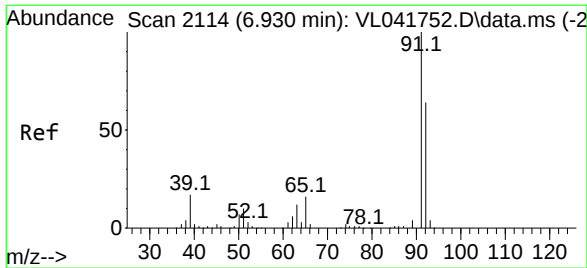
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#52
Tetrachloroethene
Concen: 7.824 ppbv
RT: 8.224 min Scan# 2514
Delta R.T. 0.003 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

Tgt Ion:164 Resp: 59756
Ion Ratio Lower Upper
164 100
166 124.1 99.8 149.6
129 108.3 79.6 119.4
131 110.9 78.6 117.8





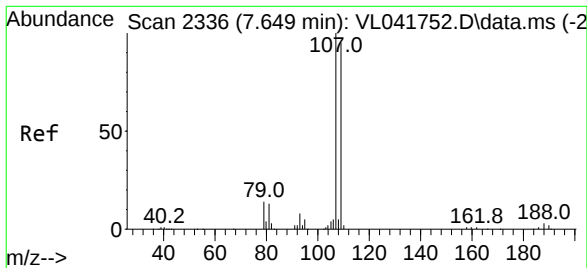
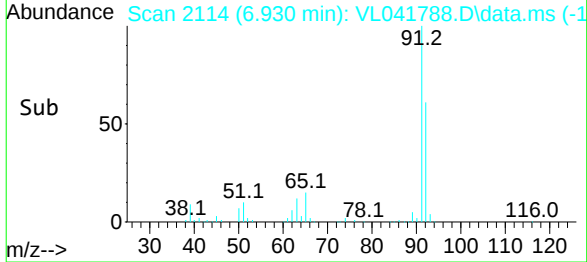
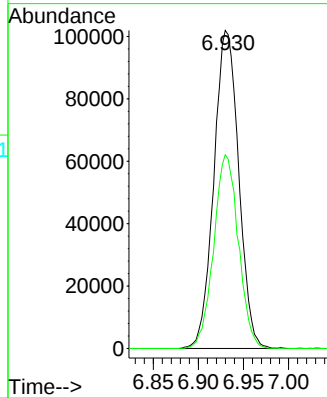
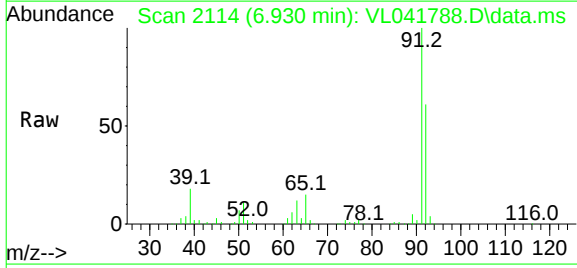
#53
Toluene
Concen: 8.389 ppbv
RT: 6.930 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 91 Resp: 195158
Ion Ratio Lower Upper
91 100
92 60.5 47.9 71.9

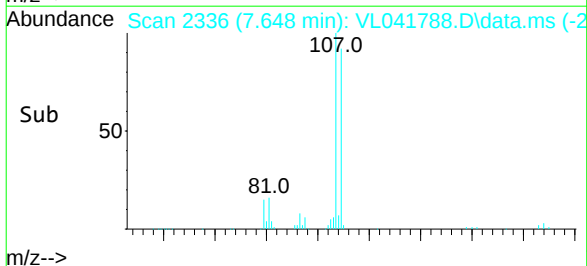
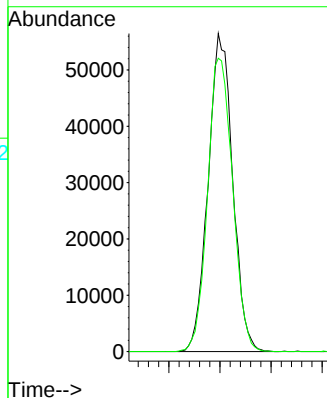
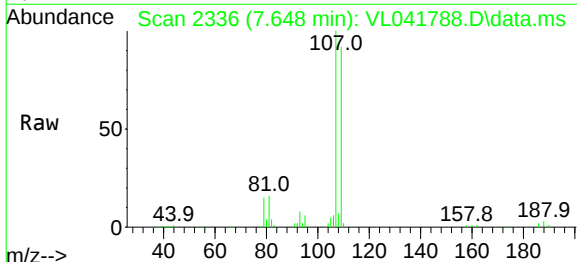
Manual Integrations
APPROVED

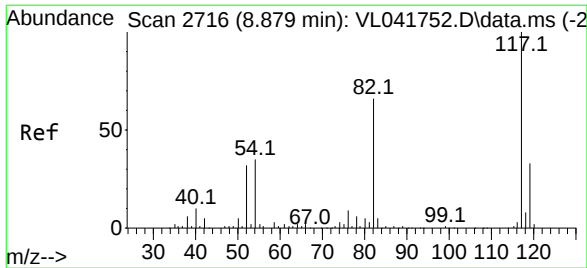
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#54
1,2-Dibromoethane
Concen: 8.814 ppbv
RT: 7.648 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

Tgt Ion:107 Resp: 94138
Ion Ratio Lower Upper
107 100
109 92.2 75.9 113.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.881 min Scan# 2716

Delta R.T. 0.003 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_L

ClientSampleId :

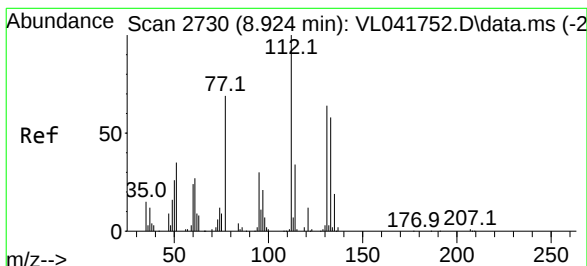
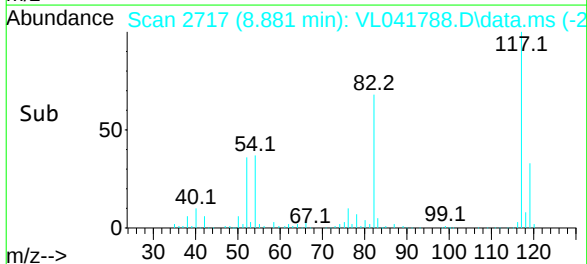
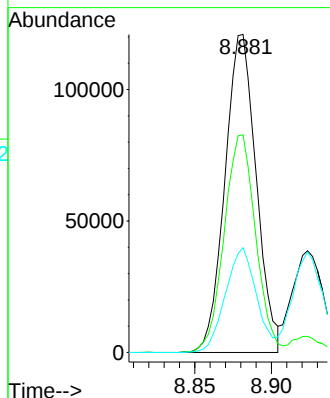
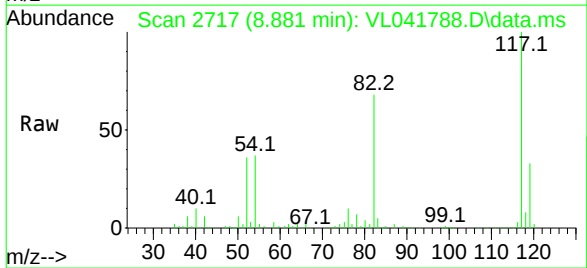
VSTDCCC010

Tgt Ion:	117	Resp:	172190
Ion Ratio	Lower	Upper	
117	100		
82	73.5	53.8	80.8
119	33.1	26.7	40.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#56

1,1,1,2-Tetrachloroethane

Concen: 9.626 ppbv

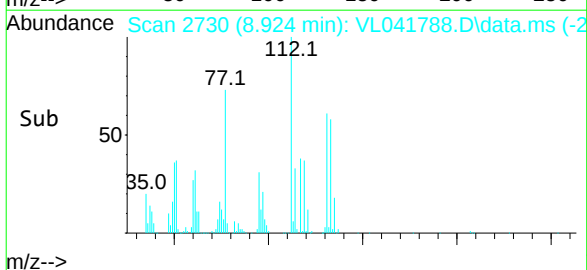
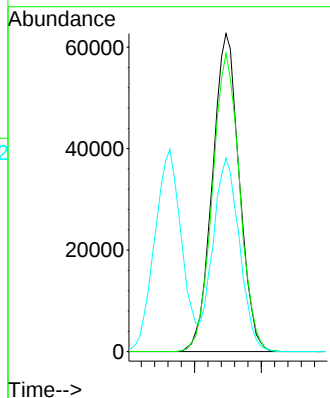
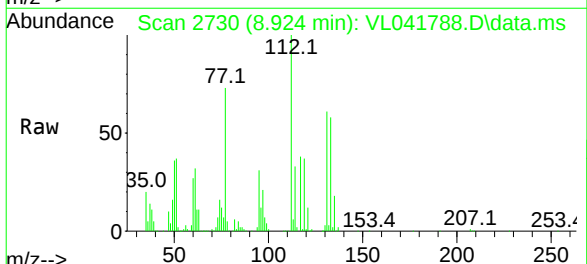
RT: 8.924 min Scan# 2730

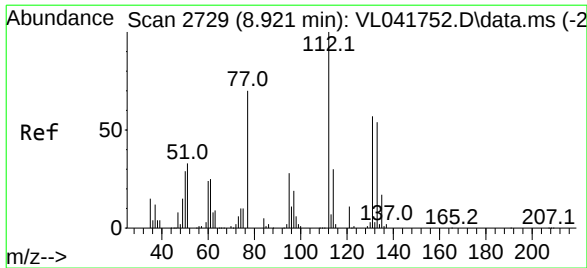
Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

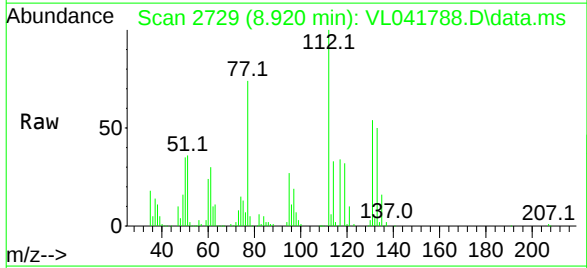
Tgt Ion:	131	Resp:	87869
Ion Ratio	Lower	Upper	
131	100		
133	94.8	76.8	115.2
119	60.8	49.0	73.6





#57
Chlorobenzene
Concen: 8.912 ppbv
RT: 8.920 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

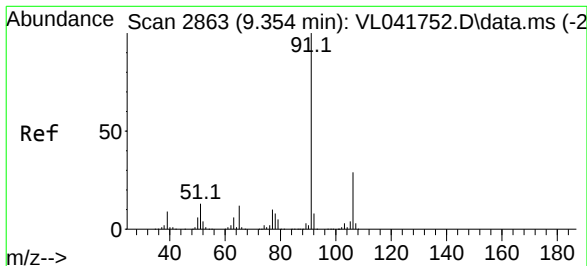
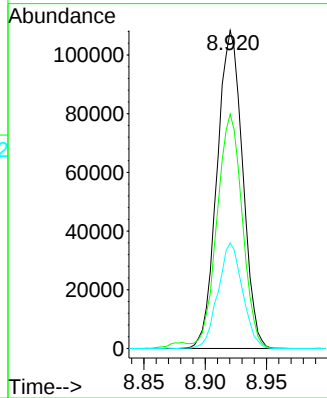
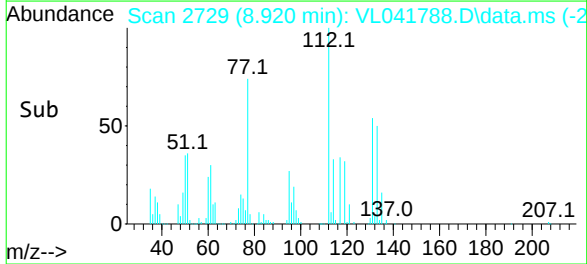
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 157039
Ion Ratio Lower Upper
112 100
77 73.6 57.4 86.0
114 33.2 27.4 33.4

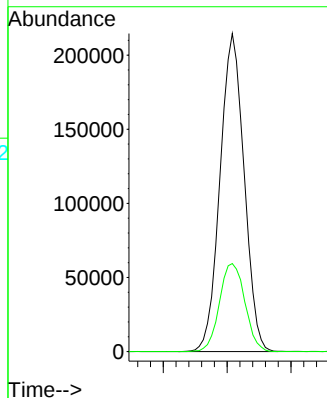
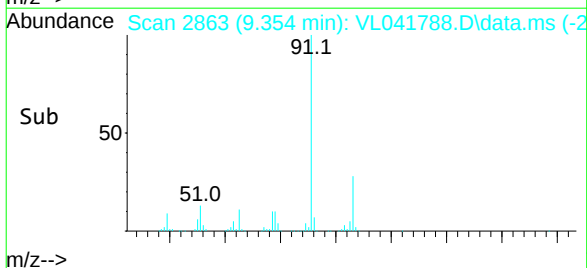
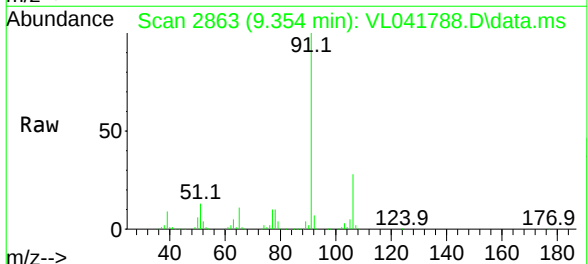
Manual Integrations
APPROVED

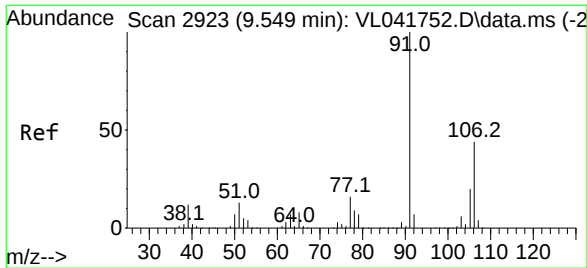
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#58
Ethyl Benzene
Concen: 9.074 ppbv
RT: 9.354 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

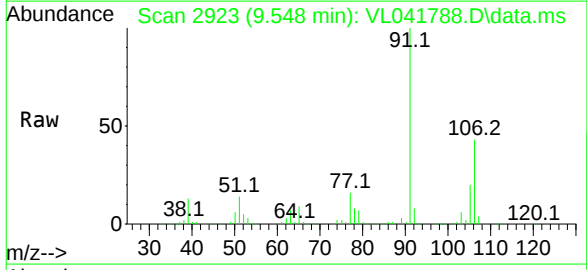
Tgt Ion: 91 Resp: 281290
Ion Ratio Lower Upper
91 100
106 27.7 23.5 35.3





#59
m/p-Xylene
Concen: 18.725 ppbv m
RT: 9.548 min Scan# 2923
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

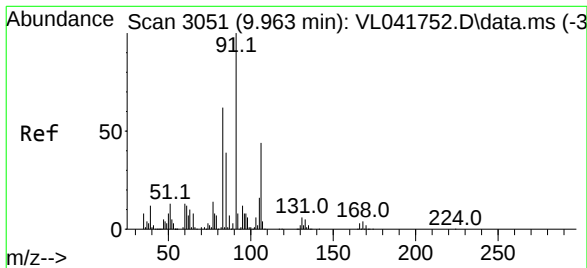
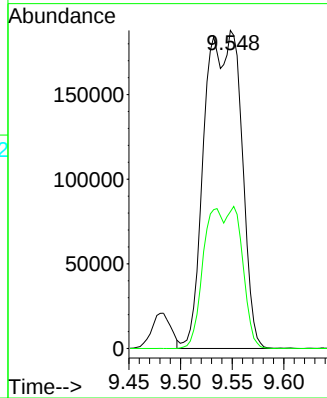
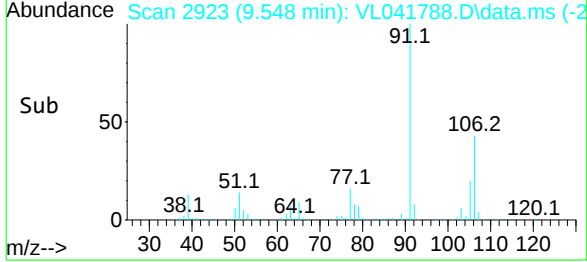
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



Tgt Ion: 91 Resp: 466737
Ion Ratio Lower Upper
91 100
106 45.2 0.0 0.0#

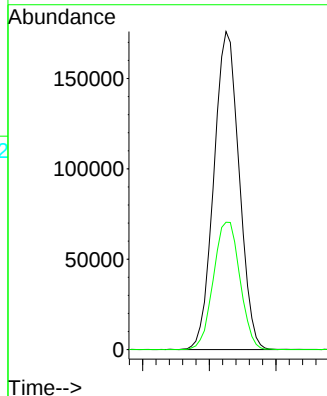
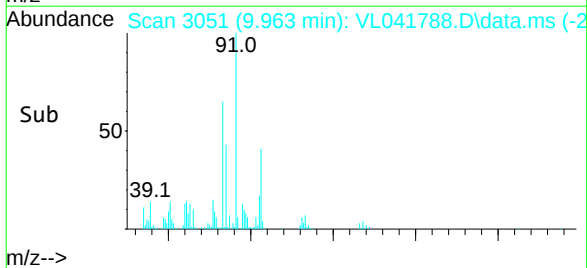
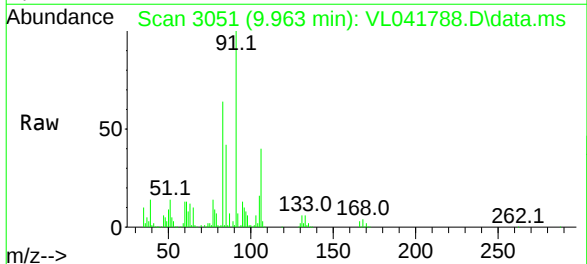
Manual Integrations
APPROVED

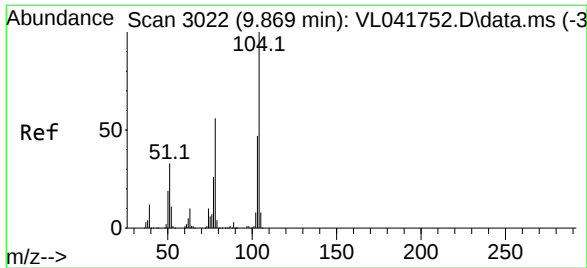
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#60
o-Xylene
Concen: 9.283 ppbv
RT: 9.963 min Scan# 3051
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

Tgt Ion: 91 Resp: 232028
Ion Ratio Lower Upper
91 100
106 42.1 21.1 63.4





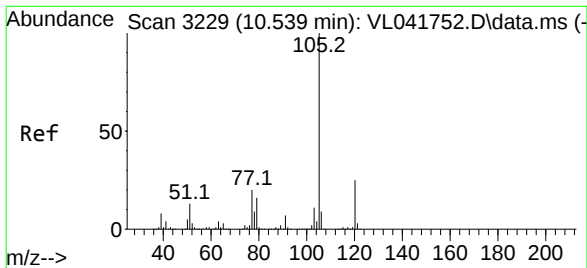
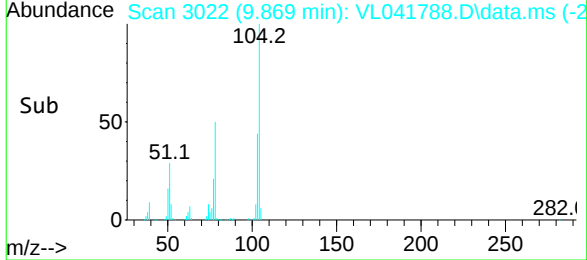
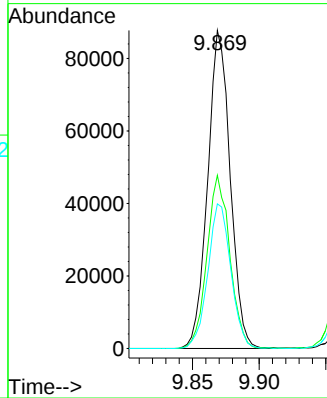
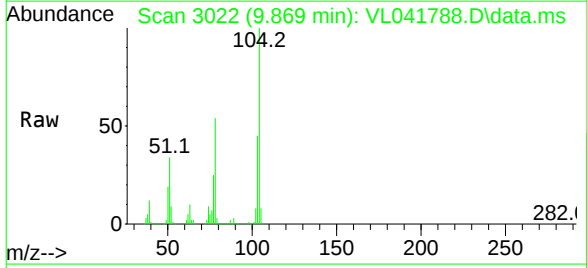
#61
Styrene
Concen: 9.550 ppbv
RT: 9.869 min Scan# 3022
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion:104	Resp: 103216
Ion Ratio Lower Upper	
104 100	
78 55.1 43.8 65.6	
103 46.5 37.8 56.6	

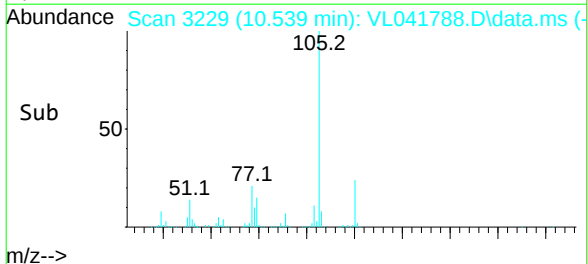
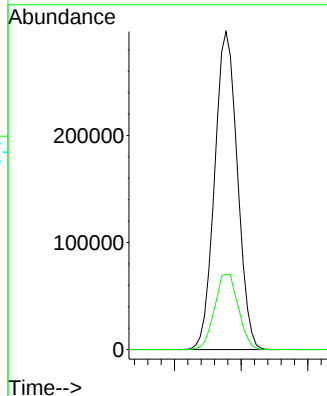
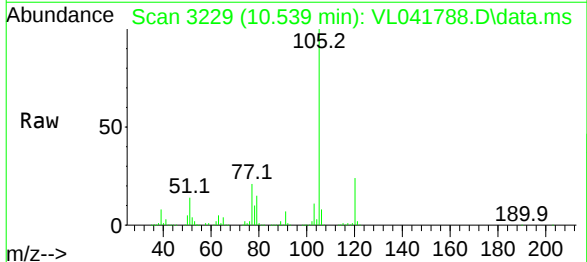
Manual Integrations
APPROVED

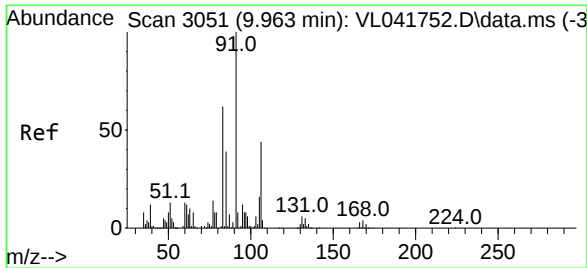
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#62
Isopropylbenzene
Concen: 9.397 ppbv
RT: 10.539 min Scan# 3229
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

Tgt Ion:105	Resp: 352903
Ion Ratio Lower Upper	
105 100	
120 24.7 19.8 29.8	





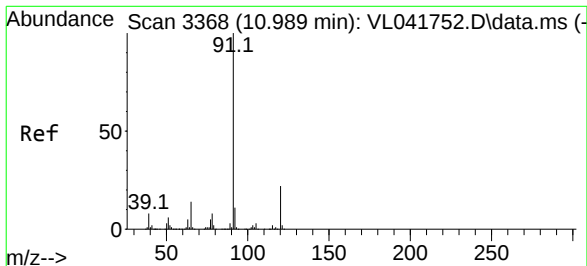
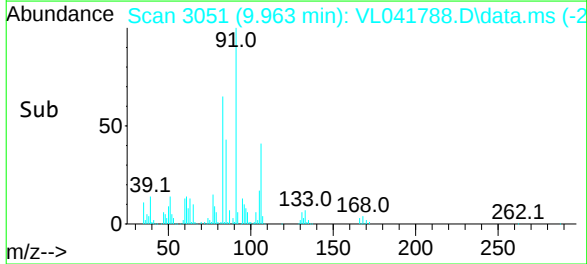
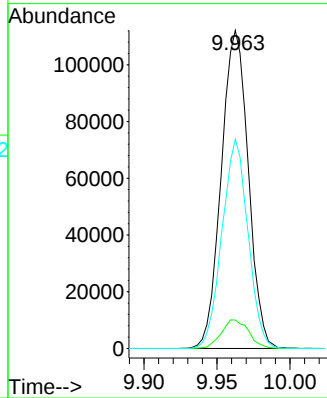
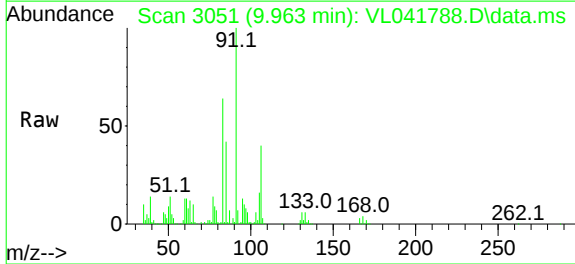
#63
1,1,2,2-Tetrachloroethane
Concen: 9.216 ppbv
RT: 9.963 min Scan# 3051
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion:	83	Resp:	144197
Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.9	14.7
85	63.4	32.0	96.2

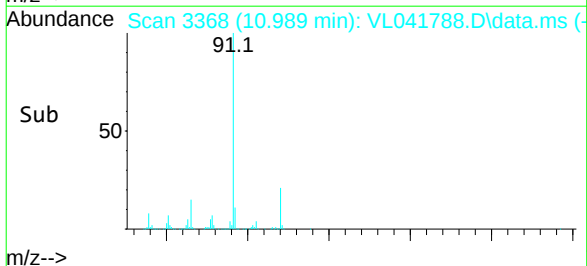
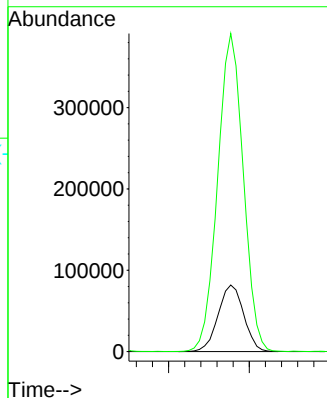
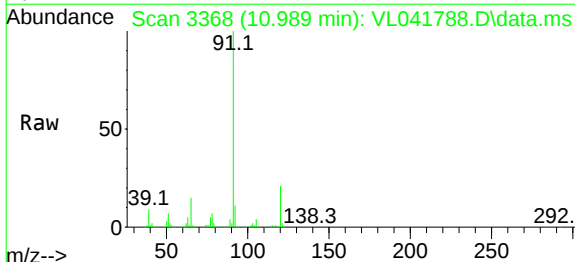
Manual Integrations
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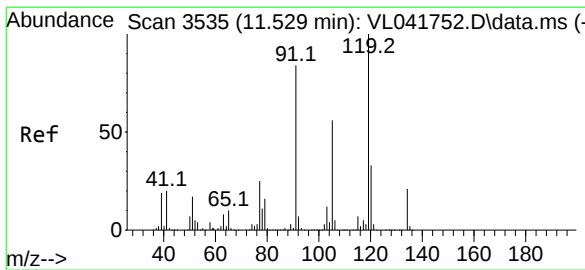
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#64
n-propylbenzene
Concen: 9.483 ppbv
RT: 10.989 min Scan# 3368
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

Tgt Ion:	120	Resp:	90043
Ion	Ratio	Lower	Upper
120	100		
91	480.1	387.3	580.9





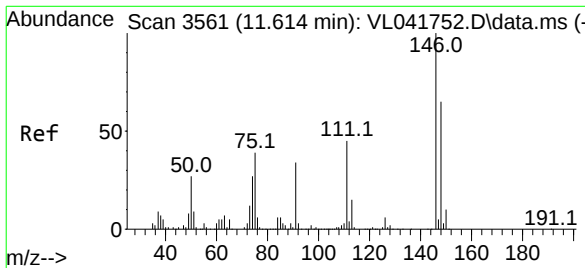
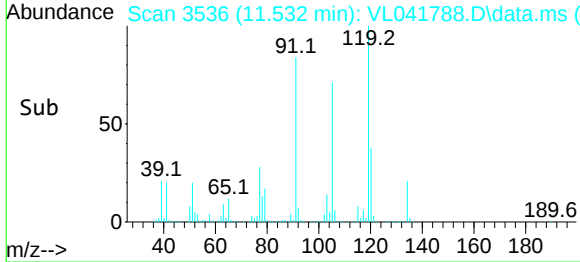
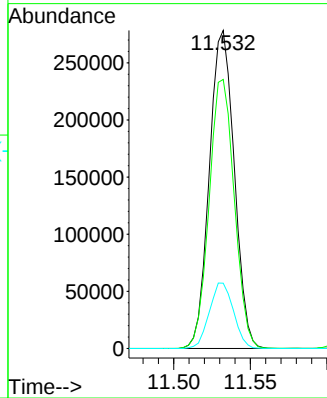
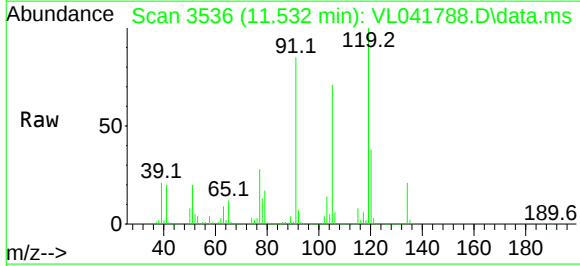
#65
tert-Butylbenzene
Concen: 9.295 ppbv
RT: 11.532 min Scan# 3535
Delta R.T. 0.003 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:	119	Resp:	314940
Ion	Ratio	Lower	Upper
119	100		
91	85.5	67.0	100.4
134	19.9	16.5	24.7

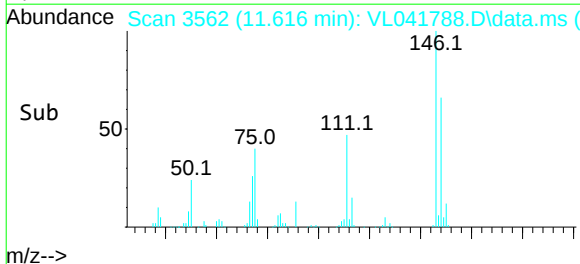
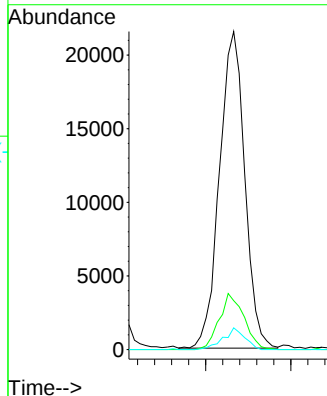
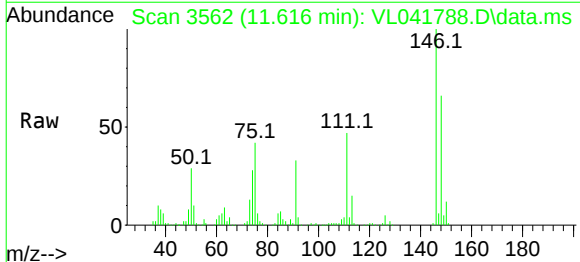
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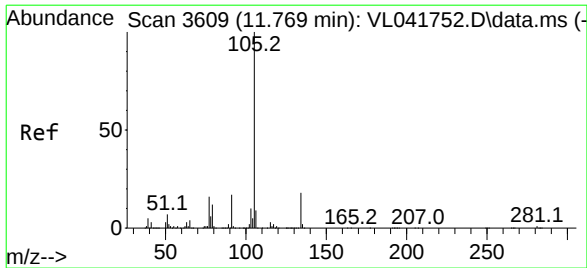
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#66
Benzyl Chloride
Concen: 7.426 ppbv
RT: 11.616 min Scan# 3562
Delta R.T. 0.003 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

Tgt Ion:	91	Resp:	22164
Ion	Ratio	Lower	Upper
91	100		
126	17.3	13.9	20.9
128	5.8	4.4	6.6





#67

sec-Butylbenzene

Concen: 9.431 ppbv

RT: 11.769 min Scan# 3609

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 105 Resp: 442201

Ion Ratio Lower Upper

105 100

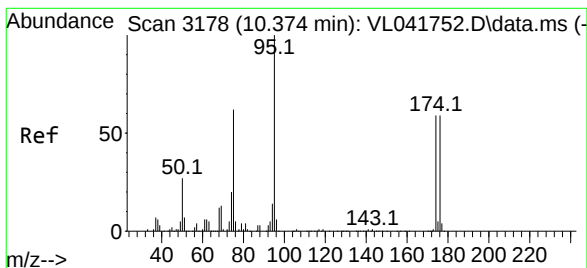
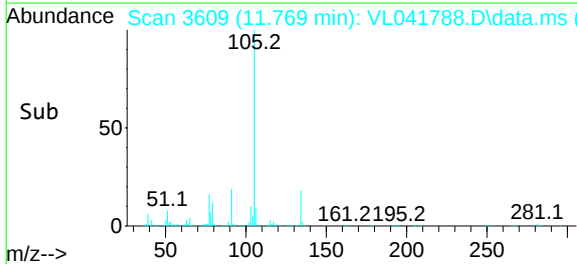
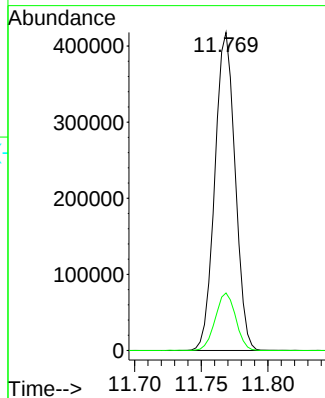
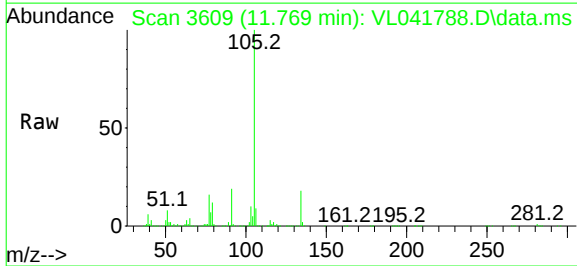
134 18.3 14.5 21.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/19/2024

Supervised By :Mahesh Dadoda 12/19/2024



#68

1-Bromo-4-Fluorobenzene

Concen: 10.503 ppbv

RT: 10.377 min Scan# 3179

Delta R.T. 0.003 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

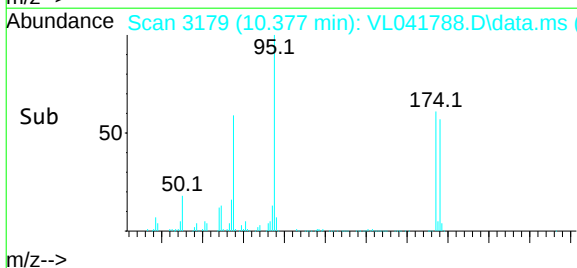
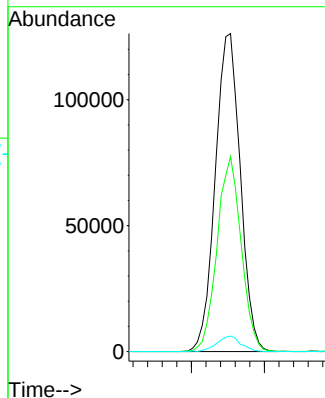
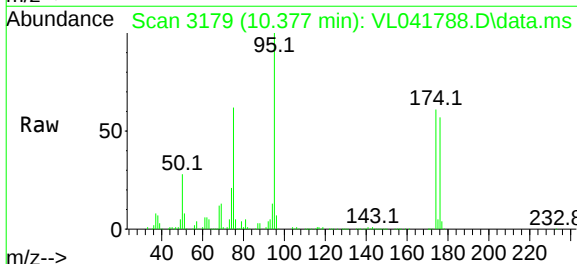
Tgt Ion: 95 Resp: 150705

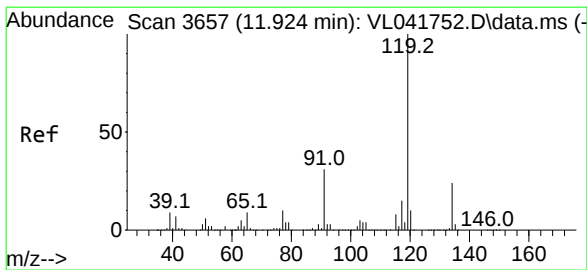
Ion Ratio Lower Upper

95 100

174 59.0 47.6 71.4

175 4.7 3.7 5.5





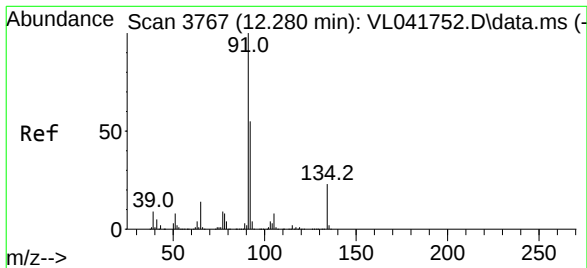
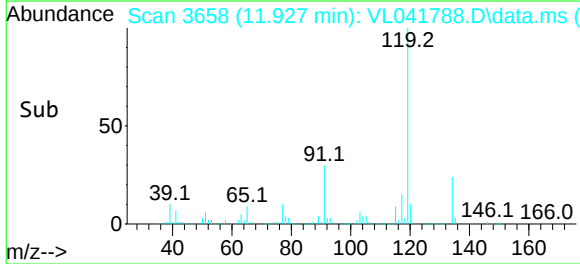
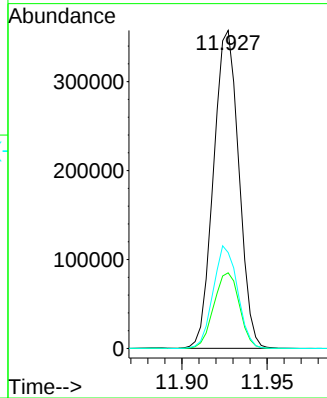
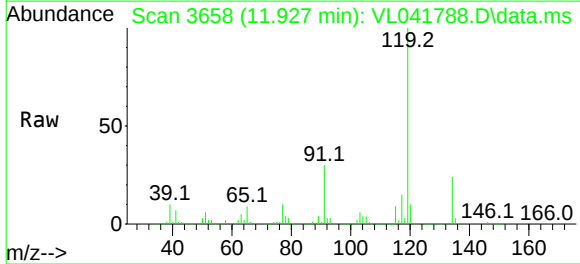
#69
p-Isopropyltoluene
Concen: 9.569 ppbv
RT: 11.927 min Scan# 3657
Delta R.T. 0.003 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 119 Resp: 369746
Ion Ratio Lower Upper
119 100
134 24.2 19.6 29.4
91 31.4 24.4 36.6

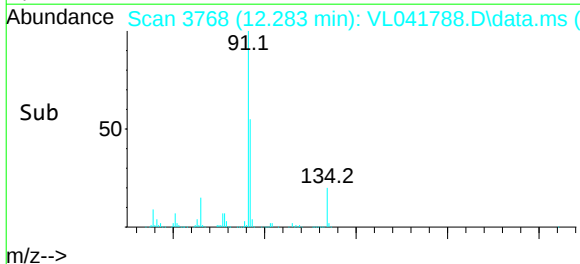
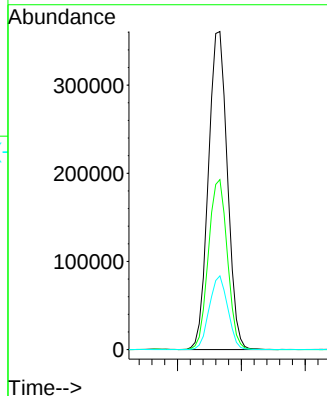
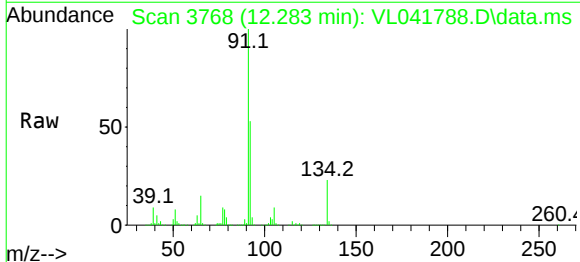
Manual Integrations
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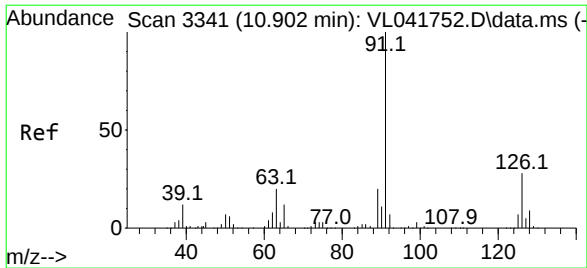
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#70
n-Butylbenzene
Concen: 9.999 ppbv
RT: 12.283 min Scan# 3768
Delta R.T. 0.003 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

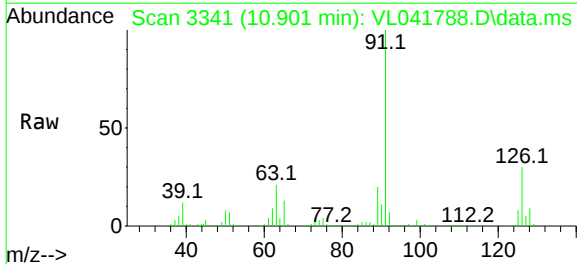
Tgt Ion: 91 Resp: 373294
Ion Ratio Lower Upper
91 100
92 53.4 43.2 64.8
134 22.5 18.2 27.4





#71
2-Chlorotoluene
Concen: 9.240 ppbv
RT: 10.901 min Scan# 3341
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

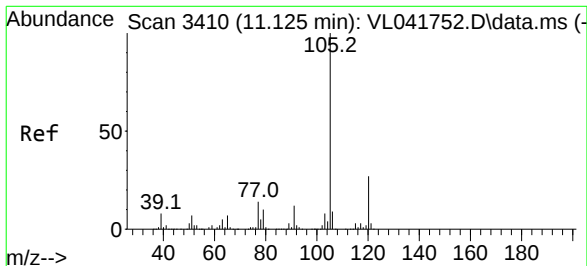
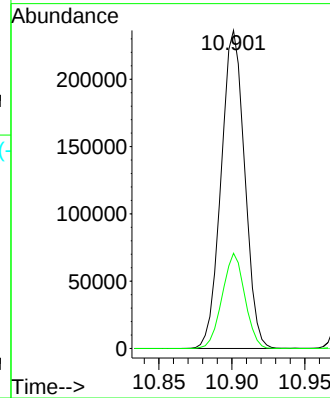
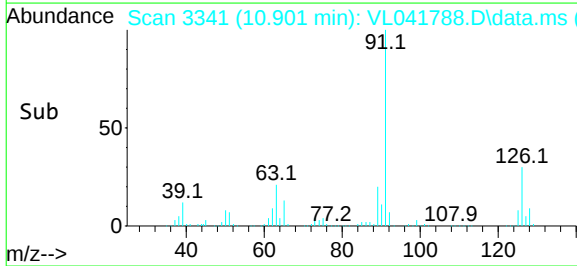
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 91 Resp: 264866
Ion Ratio Lower Upper
91 100
126 28.7 11.6 46.4

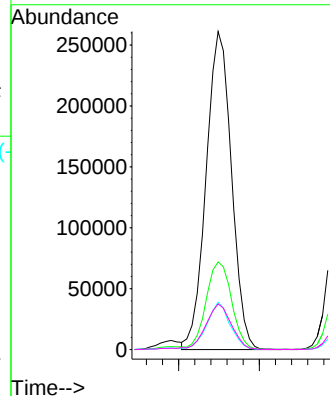
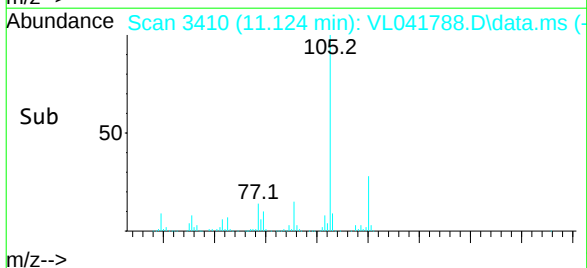
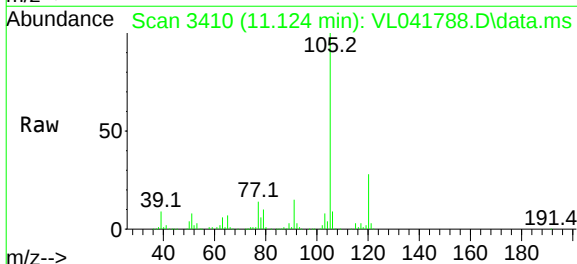
Manual Integrations
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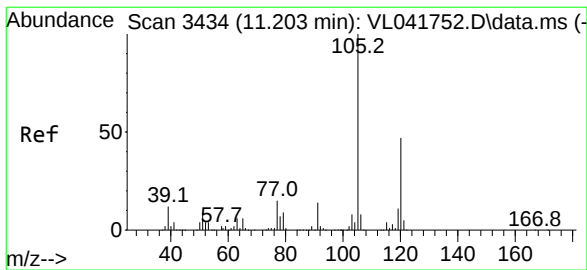
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#72
4-Ethyltoluene
Concen: 9.676 ppbv
RT: 11.124 min Scan# 3410
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

Tgt Ion:105 Resp: 285469
Ion Ratio Lower Upper
105 100
120 28.7 23.3 34.9
91 14.4 10.9 16.3
77 14.8 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 9.918 ppbv

RT: 11.202 min Scan# 3434

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_L

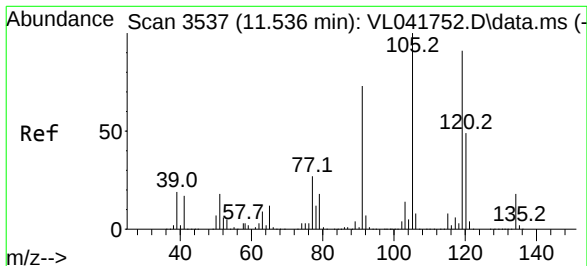
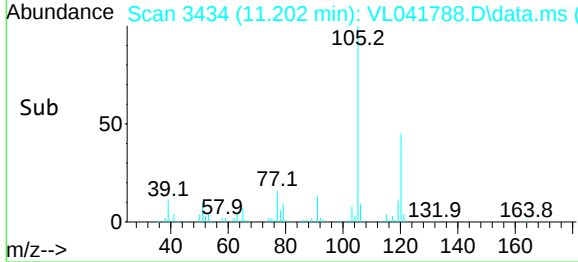
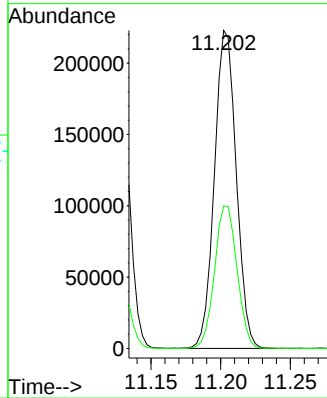
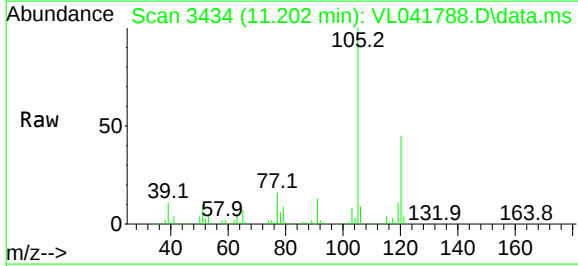
ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 242783
 Ion Ratio Lower Upper
 105 100
 120 44.8 37.4 56.2

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Reviewed By :Semsettin Yesilyurt 12/19/2024
 Supervised By :Mahesh Dadoda 12/19/2024



#74

1,2,4-Trimethylbenzene

Concen: 10.003 ppbv

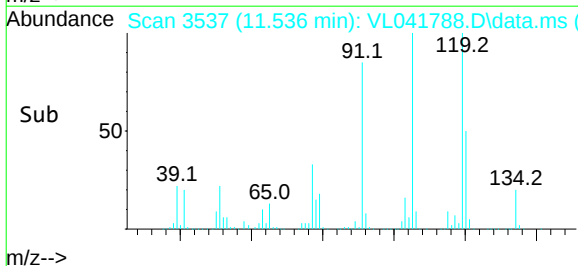
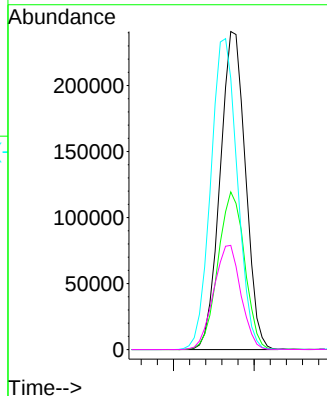
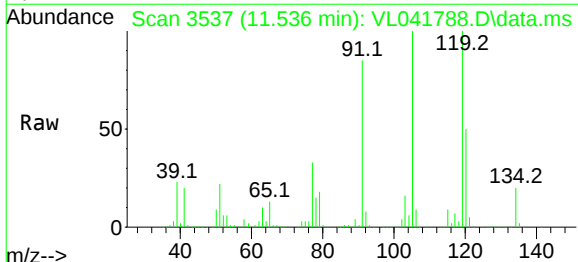
RT: 11.536 min Scan# 3537

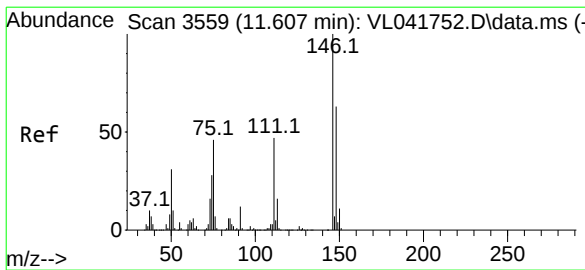
Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Tgt Ion:105 Resp: 263301
 Ion Ratio Lower Upper
 105 100
 120 49.6 39.0 58.4
 91 85.2 58.1 87.1
 77 32.7 21.8 32.8





#75

1,3-Dichlorobenzene

Concen: 9.227 ppbv

RT: 11.607 min Scan# 3559

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_1

ClientSampleId :

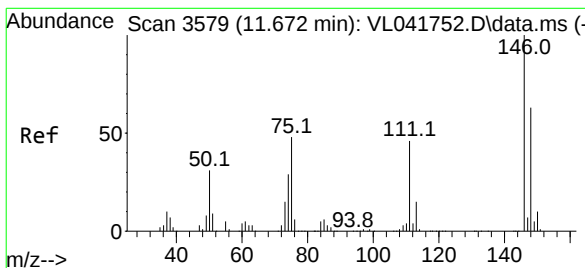
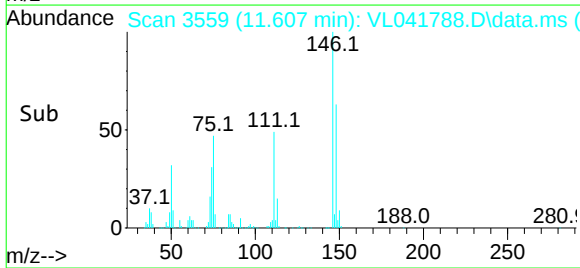
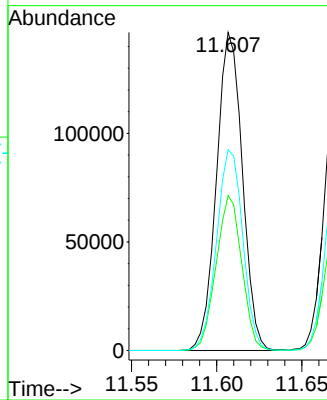
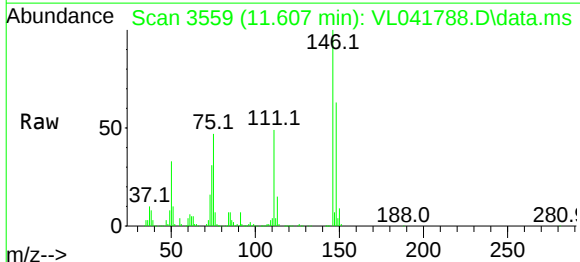
VSTDCCC010

Tgt Ion:	146	Resp:	154857
Ion Ratio	Lower	Upper	
146	100		
111	48.3	23.4	70.3
148	64.0	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#76

1,4-Dichlorobenzene

Concen: 9.296 ppbv

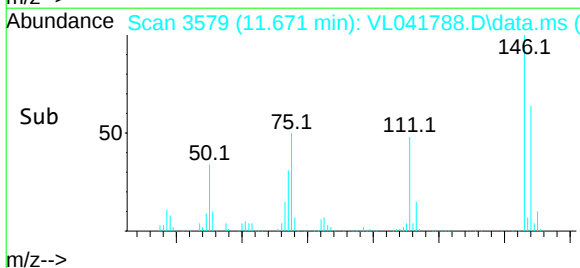
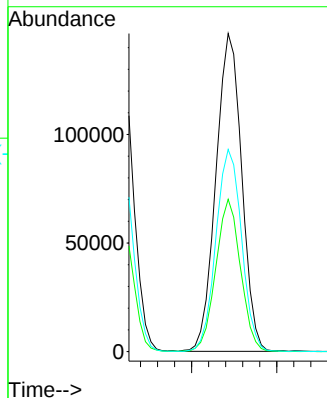
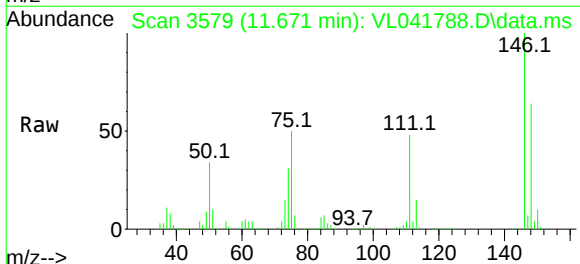
RT: 11.671 min Scan# 3579

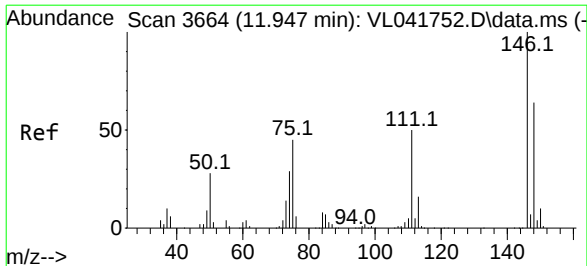
Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Tgt Ion:	146	Resp:	154115
Ion Ratio	Lower	Upper	
146	100		
111	46.1	22.7	68.1
148	63.5	31.4	94.0





#77

1,2-Dichlorobenzene

Concen: 9.002 ppbv

RT: 11.947 min Scan# 3664

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_L

ClientSampleId :

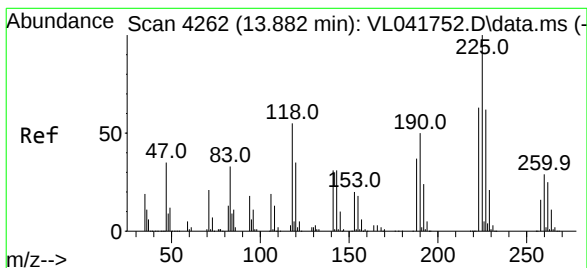
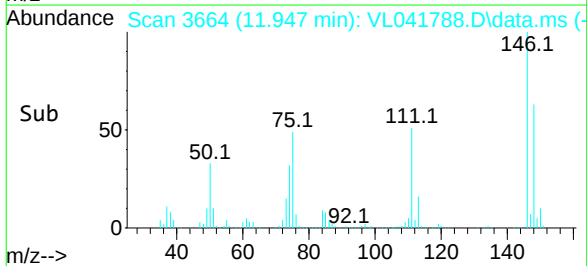
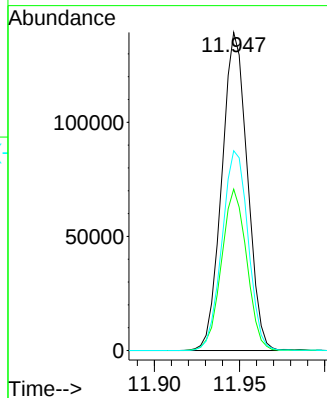
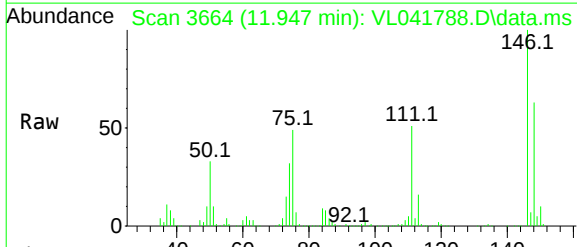
VSTDCCC010

Tgt Ion:	146	Resp:	145375
Ion Ratio	Lower	Upper	
146	100		
111	50.2	24.8	74.3
148	64.4	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#78

Hexachloro-1,3-Butadiene

Concen: 7.804 ppbv

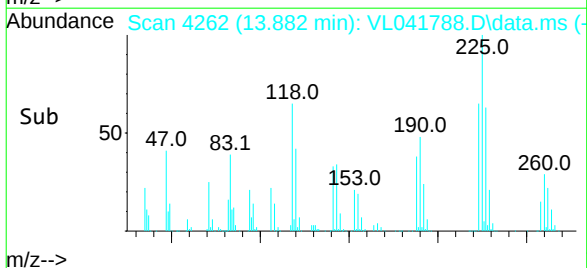
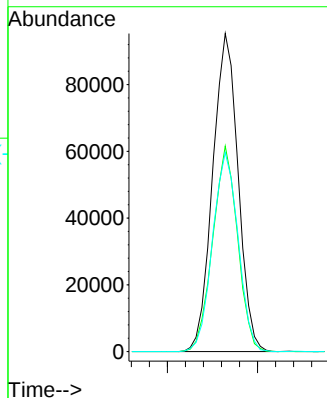
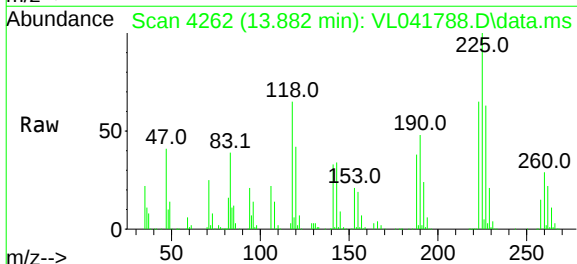
RT: 13.882 min Scan# 4262

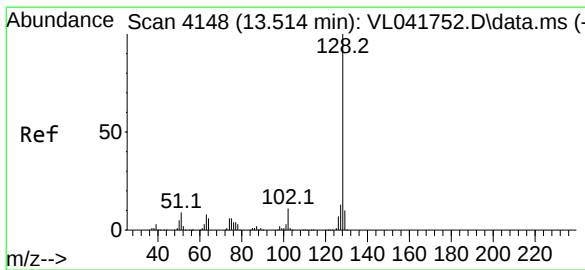
Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Tgt Ion:	225	Resp:	93437
Ion Ratio	Lower	Upper	
225	100		
223	62.8	50.5	75.7
227	63.0	50.3	75.5





#79

Naphthalene

Concen: 10.921 ppbv

RT: 13.513 min Scan# 4148

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_L

ClientSampleId :

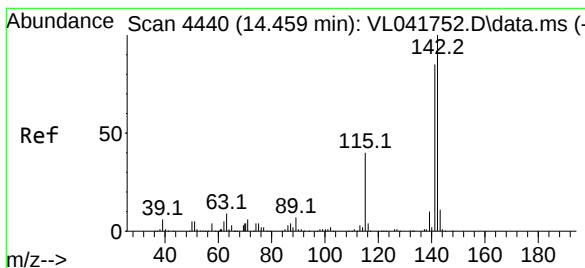
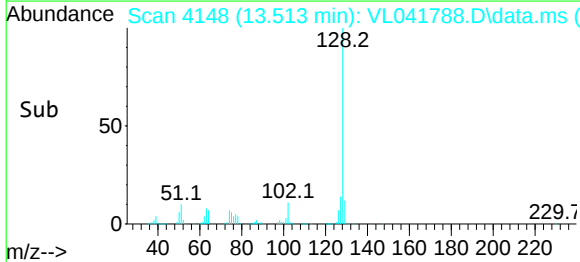
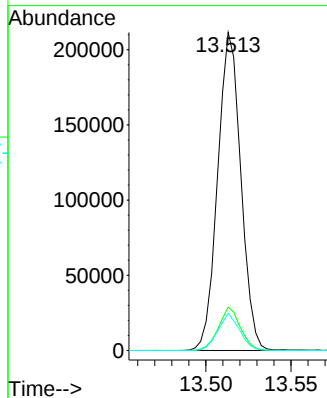
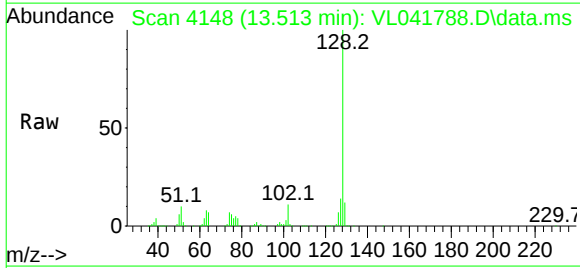
VSTDCCC010

Tgt Ion:	128	Resp:	200311
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.7	16.1
129	11.7	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#80

Naphthalene, 2-methyl-

Concen: 16.728 ppbv

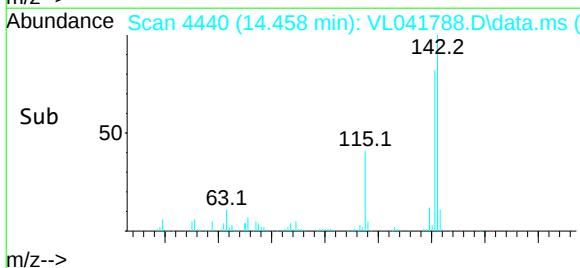
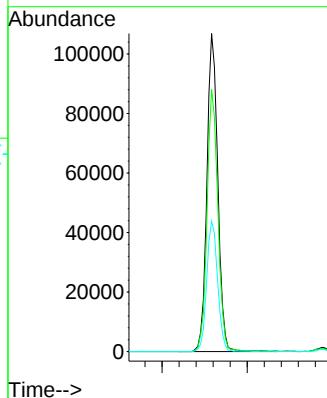
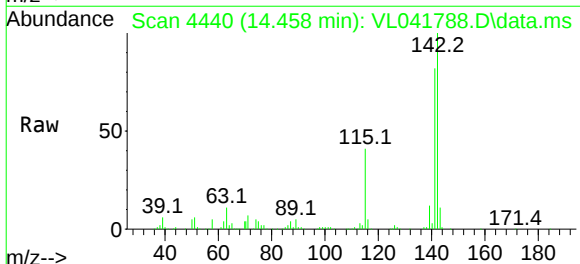
RT: 14.458 min Scan# 4440

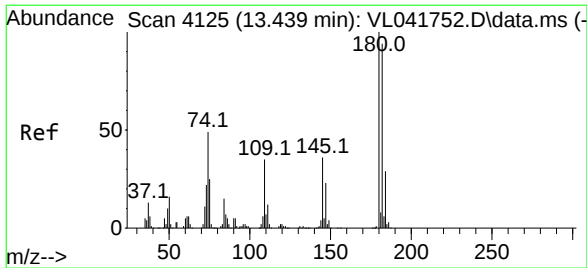
Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

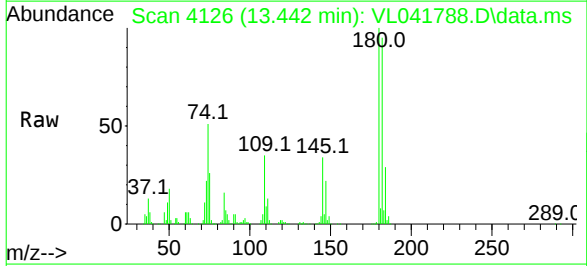
Tgt Ion:	142	Resp:	94903
Ion Ratio	Lower	Upper	
142	100		
141	81.8	68.4	102.6
115	41.3	32.5	48.7





#81
1,2,4-Trichlorobenzene
Concen: 9.346 ppbv
RT: 13.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:	180	Resp:	93675
Ion Ratio	Lower	Upper	
180	100		
182	96.0	77.0	115.6
184	30.8	23.8	35.8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024

