

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010325\
 Data File : VL041828.D
 Acq On : 03 Jan 2025 14:25
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/06/2025
 Supervised By : Mahesh Dadoda 01/06/2025

Quant Time: Jan 03 14:48:04 2025

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

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

Internal Standards						
1) Bromochloromethane	2.800	49	88552	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	3.978	114	217974	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.901	117	197278	10.000	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.393 95 175707 10.688 ppbv 0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 106.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	112729	7.154	ppbv	97
3) Chlorodifluoromethane	1.479	51	131672	9.118	ppbv	99
4) Chloromethane	1.538	50	55464	8.997	ppbv	96
5) Vinyl Chloride	1.586	62	50974	8.207	ppbv	96
6) Bromomethane	1.673	94	24403	8.326	ppbv	97
7) Chloroethane	1.709	64	20952	8.684	ppbv	94
8) Dichlorotetrafluoroethane	1.560	85	119960	8.506	ppbv	96
9) Propene	1.489	41	48181	7.698	ppbv	98
10) Heptane	5.007	43	138579	8.619	ppbv	100
11) Trichlorofluoromethane	1.884	101	141063	8.428	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.149	101	106483	8.365	ppbv	95
13) Ethanol	1.728	45	4051	7.816	ppbv	96
14) Bromoethene	1.787	108	35842	8.340	ppbv	98
15) Acetone	1.842	43	131762	7.647	ppbv	99
16) 1,3-Butadiene	1.615	39	59523	8.773	ppbv	95
17) tert-Butyl alcohol	2.049	59	144448	8.451	ppbv	100
18) 1,1-Dichloroethene	2.042	96	44633	8.363	ppbv	94
19) Isopropyl Alcohol	1.894	45	72908m	7.052	ppbv	
20) Methylene Chloride	2.068	84	39535	8.047	ppbv	95
21) Allyl Chloride	2.104	41	83120	8.895	ppbv	98
22) trans-1,2-Dichloroethene	2.350	96	50494	8.266	ppbv	95
23) Vinyl Acetate	2.473	43	66393	8.299	ppbv	98
24) 1,1-Dichloroethane	2.418	63	106352	8.600	ppbv	99
25) Ethyl Acetate	2.848	43	289375	9.028	ppbv	99
26) Hexane	2.839	57	103735	8.528	ppbv	93
27) Carbon Disulfide	2.159	76	101328	9.244	ppbv	95
28) Methyl tert-Butyl Ether	2.453	73	79334	8.040	ppbv	98
29) Chloroform	2.861	83	165249	8.915	ppbv	96
30) Cyclohexane	3.878	84	84824	8.196	ppbv	98
31) cis-1,2-Dichloroethene	2.732	61	104361	8.303	ppbv	99
32) 1,1,1-Trichloroethane	3.382	97	161247	8.557	ppbv	98
34) 2-Butanone	2.570	43	165560	9.441	ppbv	99
35) Carbon Tetrachloride	3.781	117	164210	10.612	ppbv	94
36) Benzene	3.674	78	210146	9.320	ppbv	99
37) 1,2-Dichloroethane	3.234	62	131882	9.400	ppbv	100
38) Trichloroethene	4.570	130	80300	8.390	ppbv	97
39) 1,2-Dichloropropane	4.337	63	77276	9.476	ppbv	97
40) 1,4-Dioxane	4.609	88	36961	9.278	ppbv #	98
41) Tetrahydrofuran	3.068	42	91011	9.264	ppbv	97
42) Bromodichloromethane	4.512	83	166985	10.346	ppbv	97
43) Methyl Methacrylate	4.907	69	76334	8.886	ppbv	98
44) 2,2,4-Trimethylpentane	4.664	57	365727	9.498	ppbv	98
45) t-1,3-Dichloropropene	6.444	75	77404	8.711	ppbv	96

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 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/06/2025
 Supervised By : Mahesh Dadoda 01/06/2025

Quant Time: Jan 03 14:48:04 2025

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.635	75	99148	8.789	ppbv	97
47) 1,1,2-Trichloroethane	6.613	97	78623	9.231	ppbv	96
48) Dibromochloromethane	7.409	129	123832	10.647	ppbv	98
49) Bromoform	9.503	173	100968	10.606	ppbv	99
50) 4-Methyl-2-Pentanone	5.784	43	223795	9.373	ppbv	99
51) 2-Hexanone	7.461	43	175298	9.058	ppbv #	97
52) Tetrachloroethene	8.247	164	66967	7.979	ppbv	92
53) Toluene	6.959	91	222427	8.701	ppbv	100
54) 1,2-Dibromoethane	7.674	107	109597	9.338	ppbv	97
56) 1,1,1,2-Tetrachloroethane	8.946	131	103697	9.915	ppbv	99
57) Chlorobenzene	8.940	112	185476	9.188	ppbv	98
58) Ethyl Benzene	9.373	91	319181	8.987	ppbv	98
59) m/p-Xylene	9.568	91	542115m	18.983	ppbv	
60) o-Xylene	9.982	91	269868	9.423	ppbv	99
61) Styrene	9.888	104	114682	9.261	ppbv	98
62) Isopropylbenzene	10.555	105	395709	9.197	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.979	83	174915	9.758	ppbv	100
64) n-propylbenzene	11.005	120	102103	9.386	ppbv	98
65) tert-Butylbenzene	11.545	119	360527	9.287	ppbv	99
66) Benzyl Chloride	11.633	91	30092	8.800	ppbv	98
67) sec-Butylbenzene	11.781	105	511842	9.528	ppbv	99
69) p-Isopropyltoluene	11.940	119	421948	9.531	ppbv	99
70) n-Butylbenzene	12.296	91	415898	9.723	ppbv	99
71) 2-Chlorotoluene	10.917	91	299381	9.116	ppbv	99
72) 4-Ethyltoluene	11.141	105	323292	9.564	ppbv	99
73) 1,3,5-Trimethylbenzene	11.218	105	279499	9.966	ppbv	98
74) 1,2,4-Trimethylbenzene	11.552	105	309494	10.262	ppbv	99
75) 1,3-Dichlorobenzene	11.623	146	177816	9.248	ppbv	98
76) 1,4-Dichlorobenzene	11.688	146	179214	9.435	ppbv	99
77) 1,2-Dichlorobenzene	11.963	146	170641	9.223	ppbv	100
78) Hexachloro-1,3-Butadiene	13.895	225	99498	7.253	ppbv	99
79) Naphthalene	13.529	128	213428	10.156	ppbv	98
80) Naphthalene,2-methyl-	14.471	142	85446	13.146	ppbv	100
81) 1,2,4-Trichlorobenzene	13.455	180	100592	8.760	ppbv	99

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

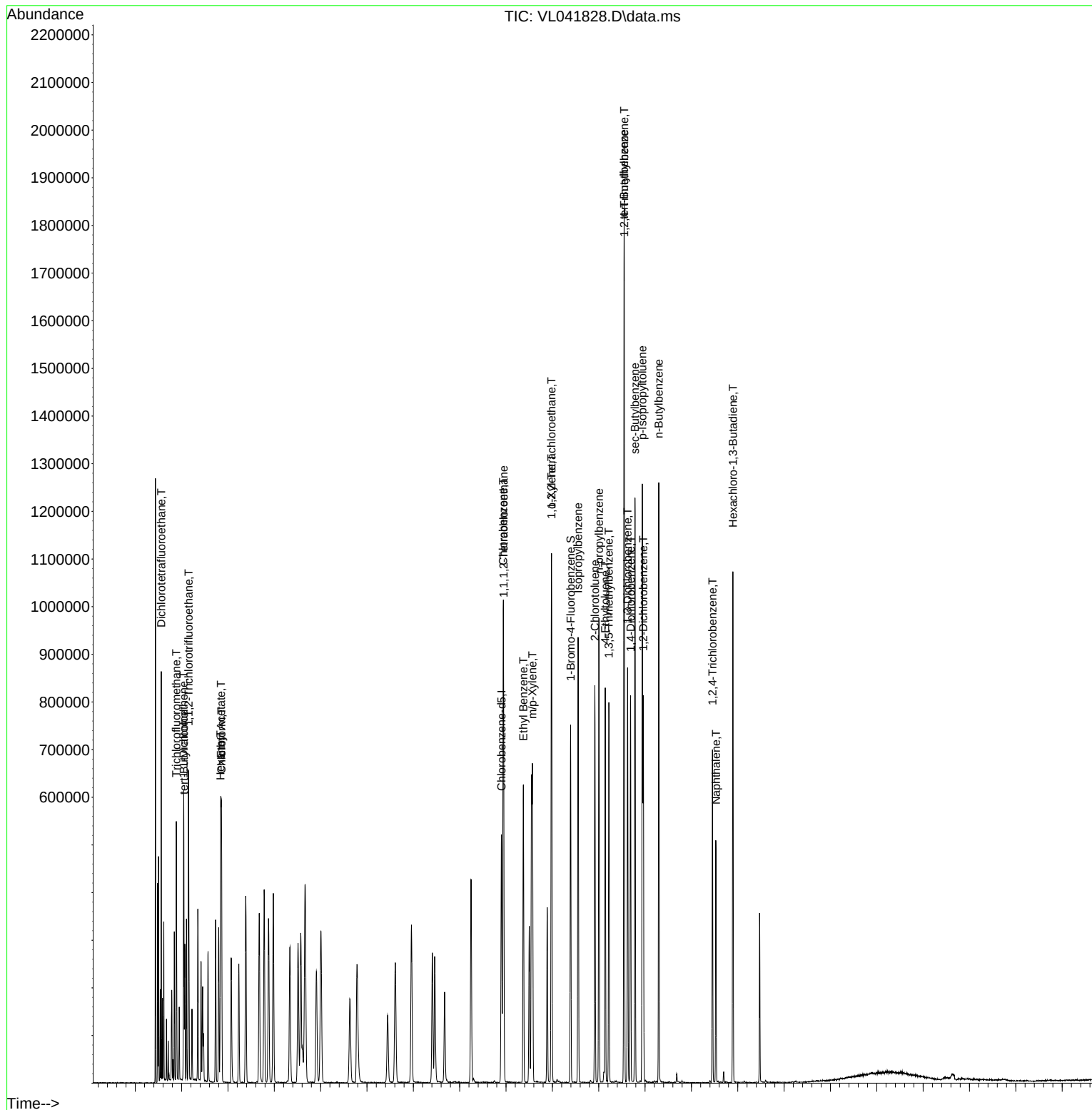
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010325\
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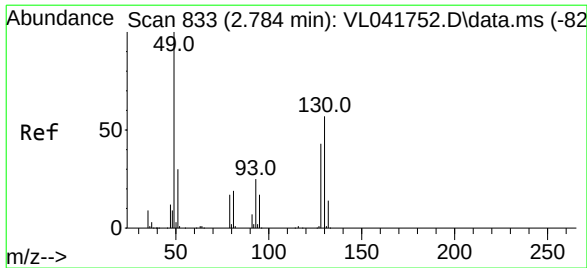
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025

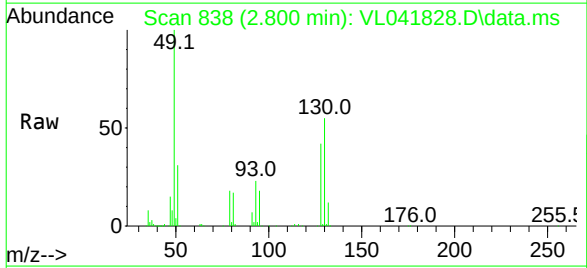
Quant Time: Jan 03 14:48:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Dec 19 07:32:09 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 833
Delta R.T. 0.016 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

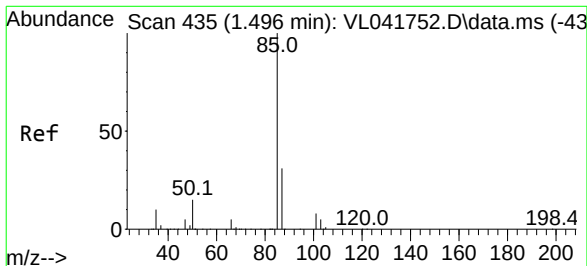
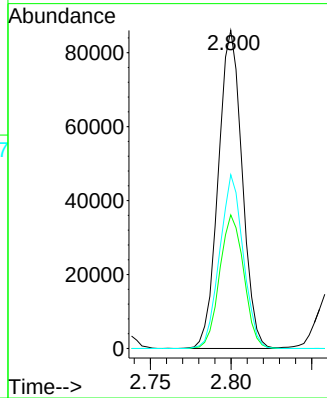
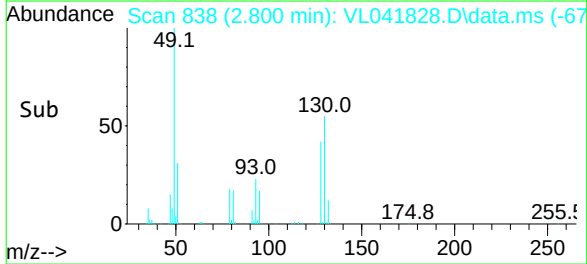
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 49 Resp: 88552
Ion Ratio Lower Upper
49 100
128 42.3 21.6 64.6
130 53.8 28.3 85.0

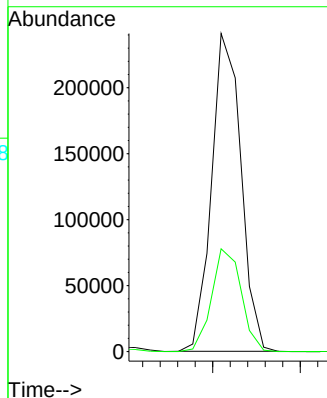
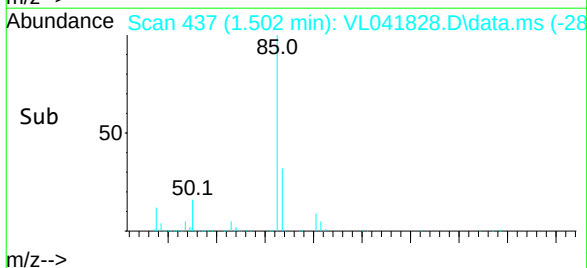
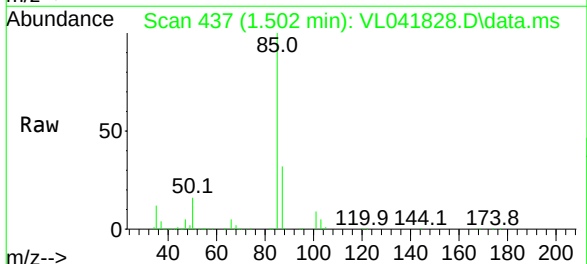
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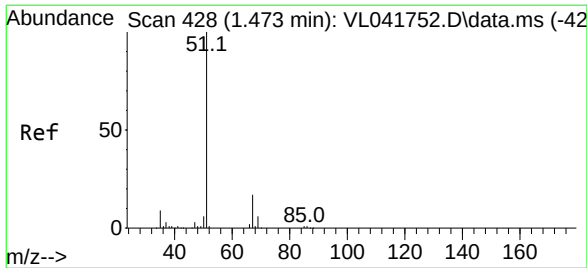
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#2
Dichlorodifluoromethane
Concen: 7.154 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.006 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

Tgt Ion: 85 Resp: 112729
Ion Ratio Lower Upper
85 100
87 32.3 24.5 36.7





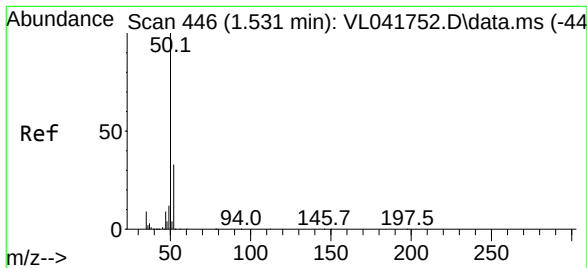
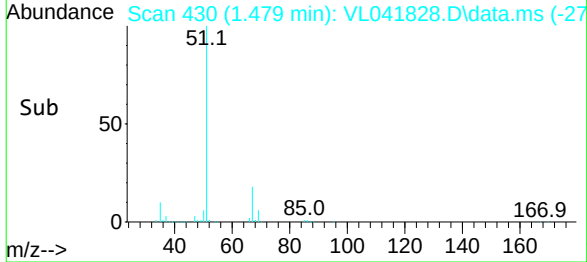
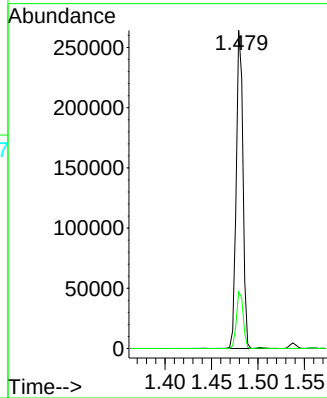
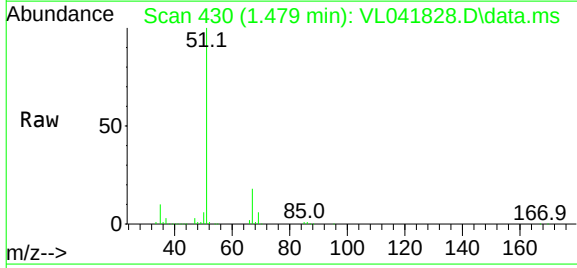
#3
Chlorodifluoromethane
Concen: 9.118 ppbv
RT: 1.479 min Scan# 43
Delta R.T. 0.006 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 131672
Ion Ratio Lower Upper
51 100
67 18.4 15.0 22.4

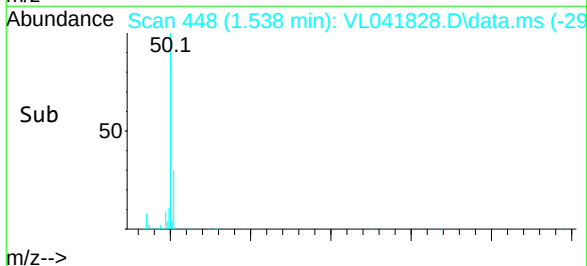
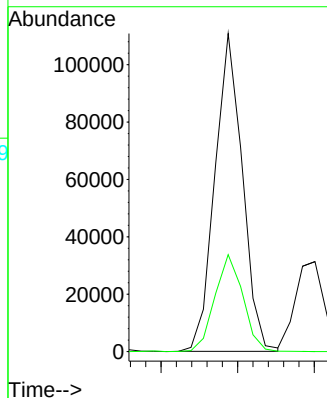
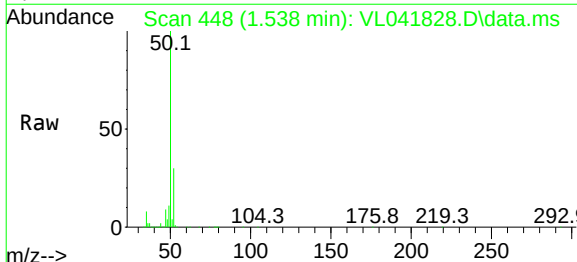
Manual Integrations
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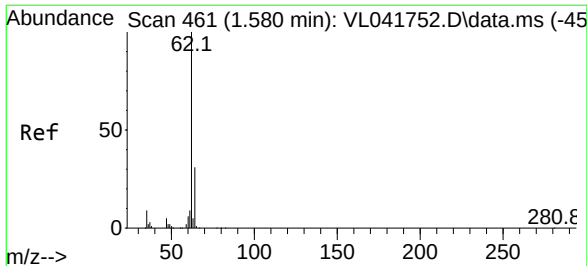
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#4
Chloromethane
Concen: 8.997 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.006 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

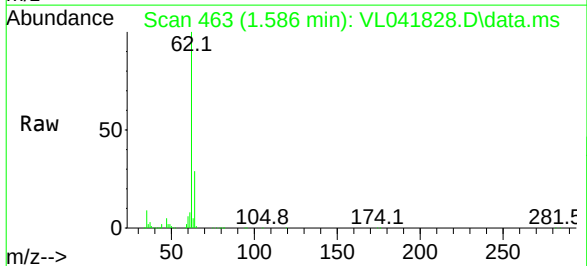
Tgt Ion: 50 Resp: 55464
Ion Ratio Lower Upper
50 100
52 30.5 26.2 39.2





#5
 Vinyl Chloride
 Concen: 8.207 ppbv
 RT: 1.586 min Scan# 461
 Delta R.T. 0.006 min
 Lab File: VL041828.D
 Acq: 03 Jan 2025 14:25

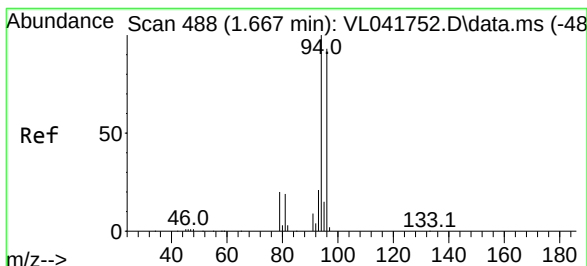
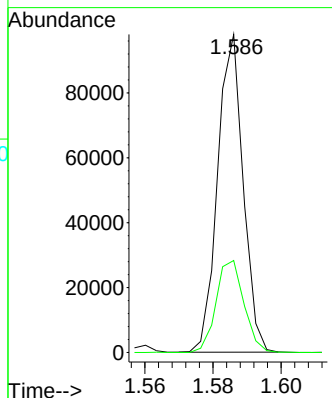
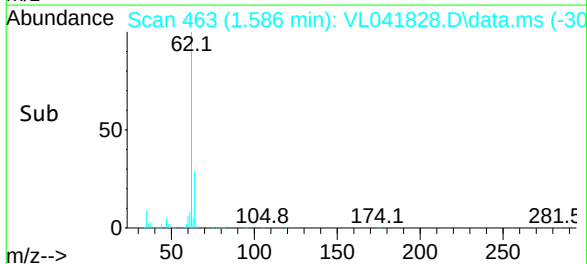
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 62 Resp: 50974
 Ion Ratio Lower Upper
 62 100
 64 28.9 25.1 37.7

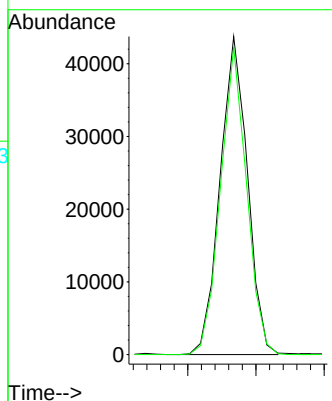
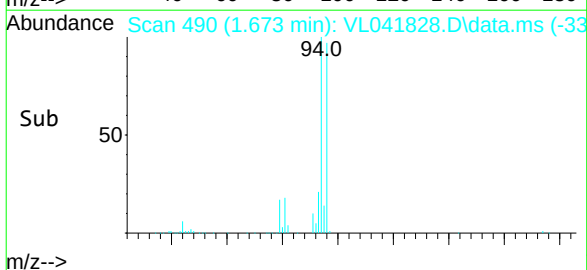
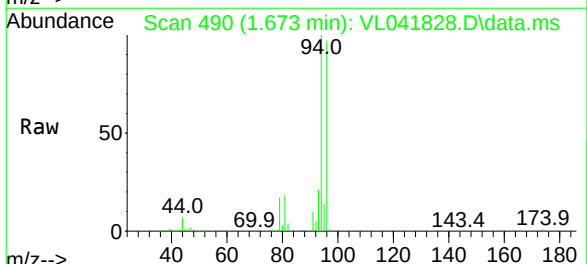
Manual Integrations
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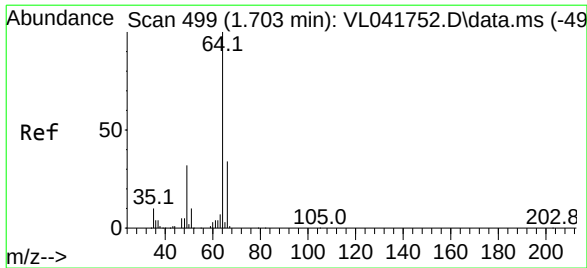
Reviewed By :Semsettin Yesilyurt 01/06/2025
 Supervised By :Mahesh Dadoda 01/06/2025



#6
 Bromomethane
 Concen: 8.326 ppbv
 RT: 1.673 min Scan# 490
 Delta R.T. 0.006 min
 Lab File: VL041828.D
 Acq: 03 Jan 2025 14:25

Tgt Ion: 94 Resp: 24403
 Ion Ratio Lower Upper
 94 100
 96 96.7 74.7 112.1





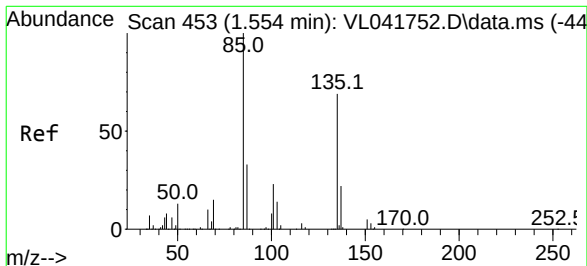
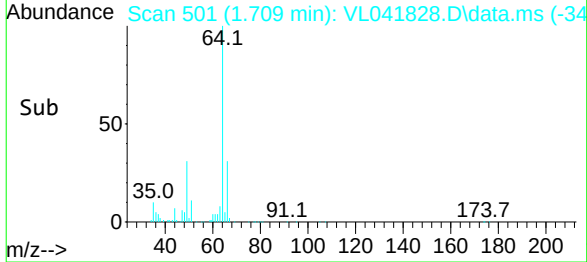
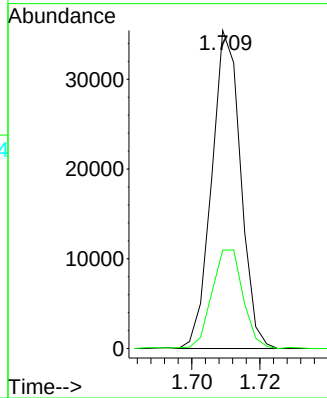
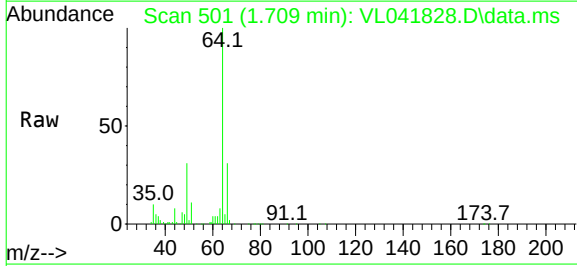
#7
Chloroethane
Concen: 8.684 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.006 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 20952
Ion Ratio Lower Upper
64 100
66 30.9 27.5 41.3

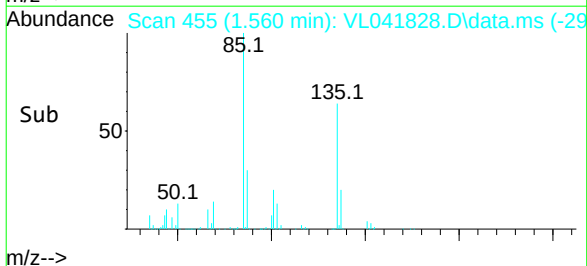
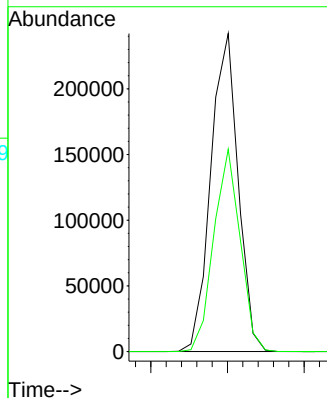
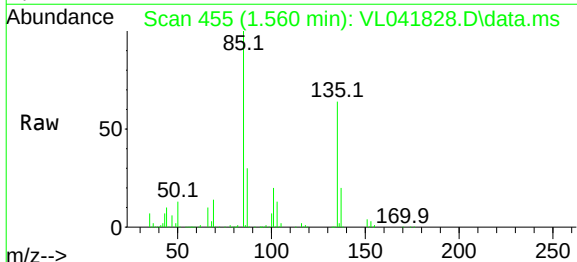
Manual Integrations
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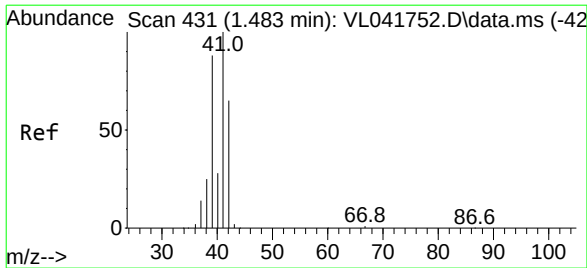
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#8
Dichlorotetrafluoroethane
Concen: 8.506 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.006 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

Tgt Ion: 85 Resp: 119960
Ion Ratio Lower Upper
85 100
135 61.5 51.9 77.9





#9

Propene

Concen: 7.698 ppbv

RT: 1.489 min Scan# 431

Delta R.T. 0.006 min

Lab File: VL041828.D

Acq: 03 Jan 2025 14:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 48181

Ion Ratio Lower Upper

41 100

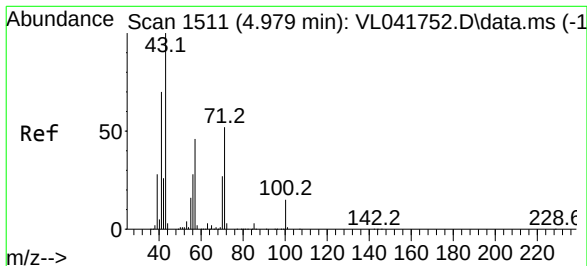
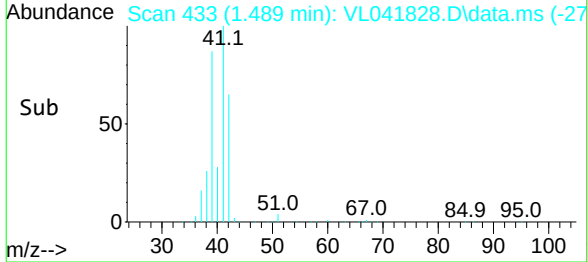
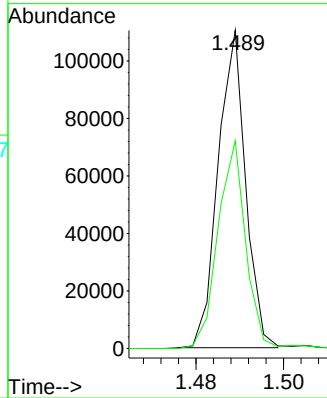
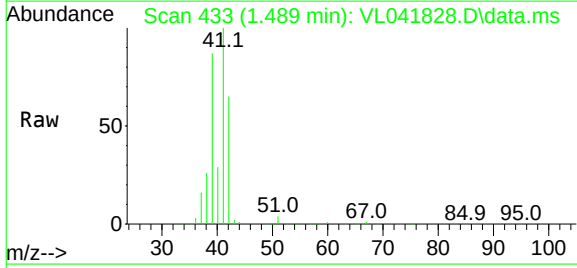
42 67.3 52.4 78.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/06/2025

Supervised By :Mahesh Dadoda 01/06/2025



#10

Heptane

Concen: 8.619 ppbv

RT: 5.007 min Scan# 1520

Delta R.T. 0.029 min

Lab File: VL041828.D

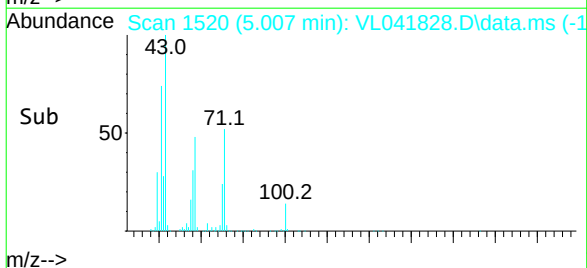
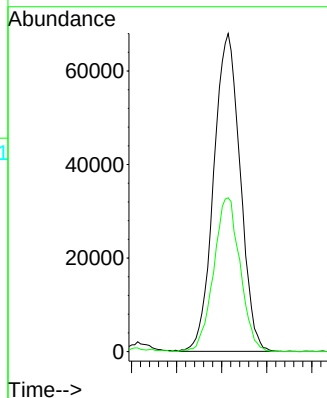
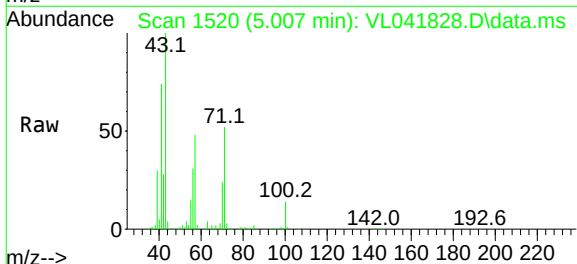
Acq: 03 Jan 2025 14:25

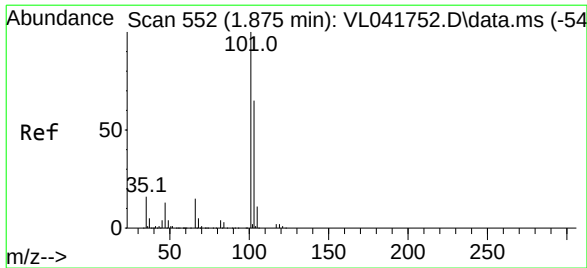
Tgt Ion: 43 Resp: 138579

Ion Ratio Lower Upper

43 100

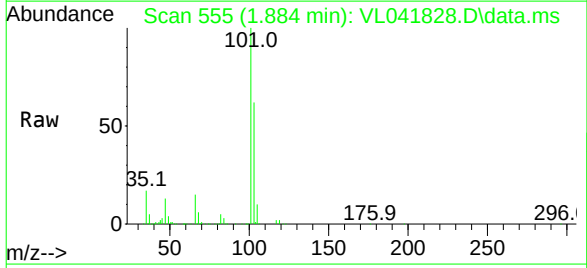
57 48.3 38.5 57.7





#11
Trichlorofluoromethane
Concen: 8.428 ppbv
RT: 1.884 min Scan# 55
Delta R.T. 0.009 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

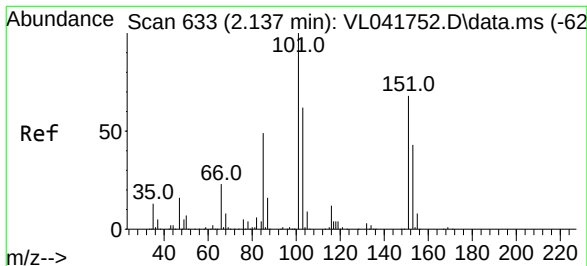
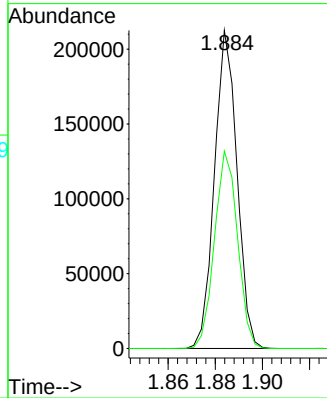
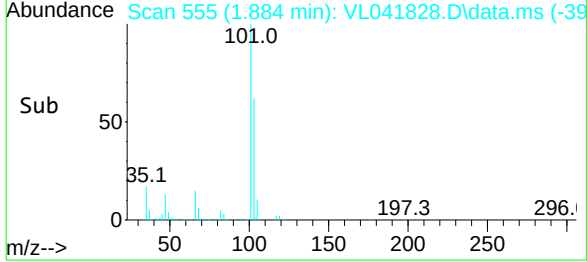
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



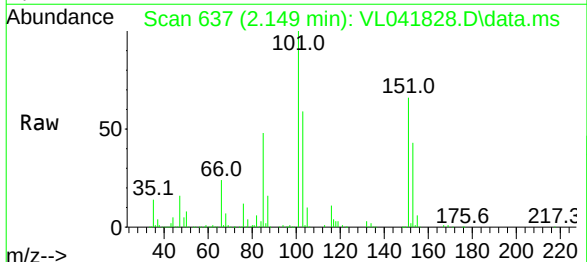
Tgt Ion:101 Resp: 141063
Ion Ratio Lower Upper
101 100
103 62.1 51.8 77.8

Manual Integrations
APPROVED

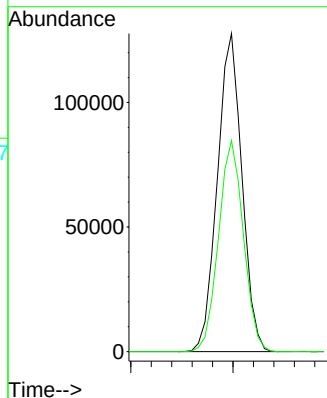
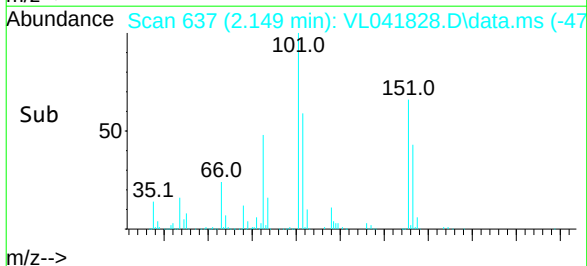
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025

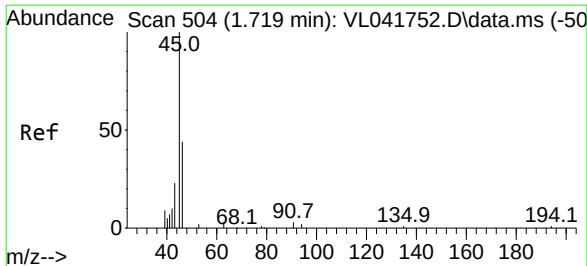


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.365 ppbv
RT: 2.149 min Scan# 637
Delta R.T. 0.013 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25



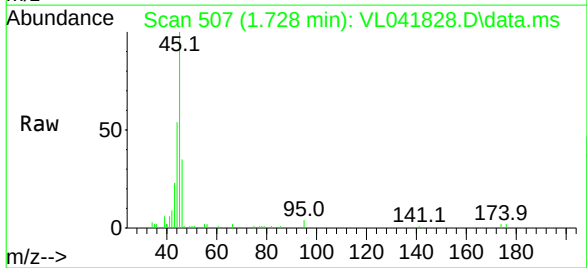
Tgt Ion:101 Resp: 106483
Ion Ratio Lower Upper
101 100
151 67.2 56.8 85.2





#13
Ethanol
Concen: 7.816 ppbv
RT: 1.728 min Scan# 504
Delta R.T. 0.009 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

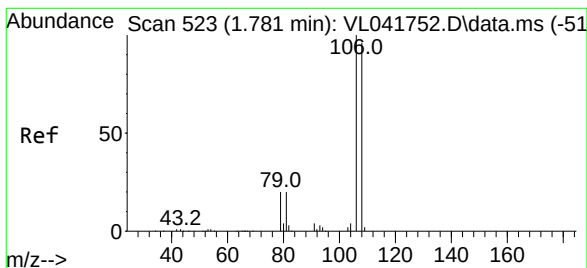
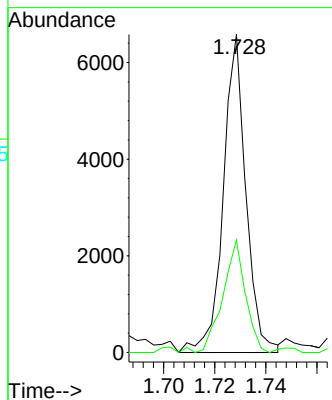
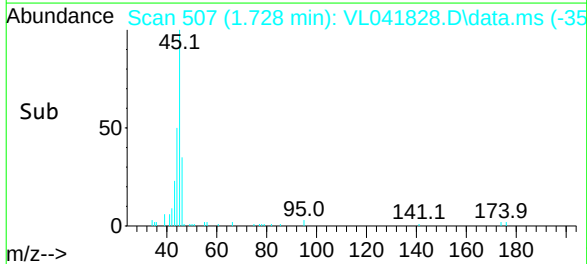
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 45 Resp: 4051
Ion Ratio Lower Upper
45 100
46 38.5 16.4 65.8

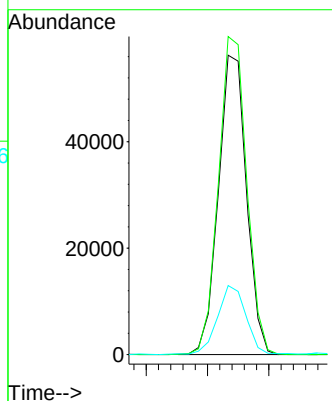
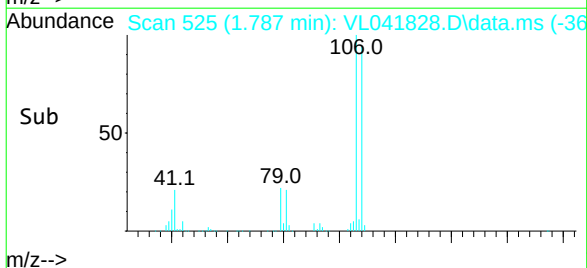
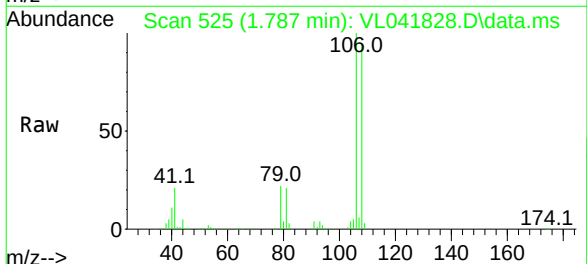
Manual Integrations
APPROVED

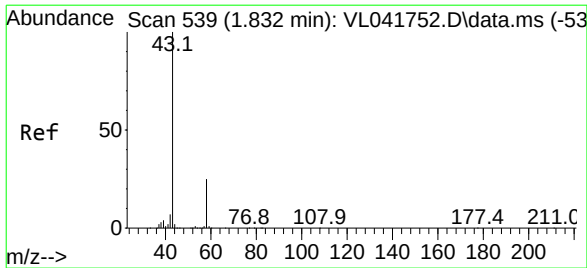
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#14
Bromoethene
Concen: 8.340 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.006 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

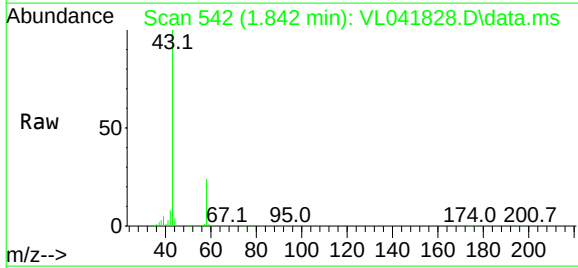
Tgt Ion:108 Resp: 35842
Ion Ratio Lower Upper
108 100
106 107.0 84.1 126.1
79 24.3 17.4 26.0





#15
Acetone
Concen: 7.647 ppbv
RT: 1.842 min Scan# 54
Delta R.T. 0.009 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

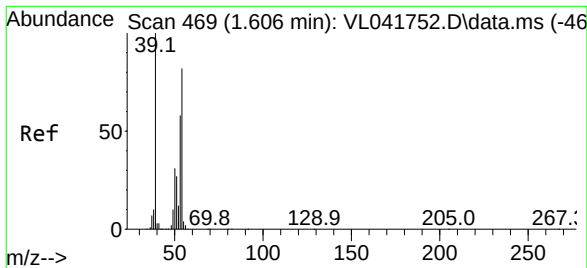
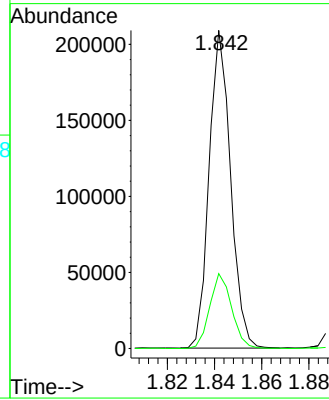
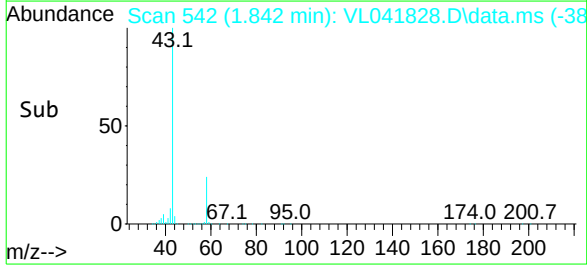
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 131762
Ion Ratio Lower Upper
43 100
58 24.3 19.7 29.5

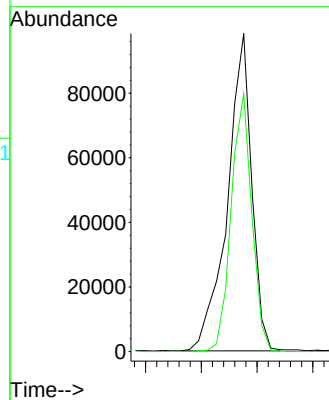
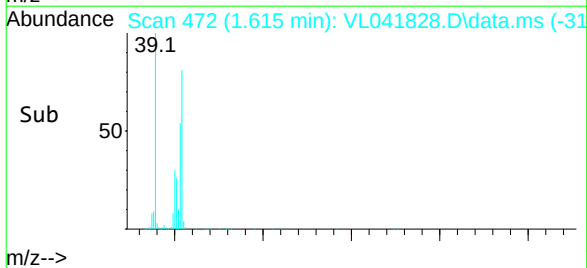
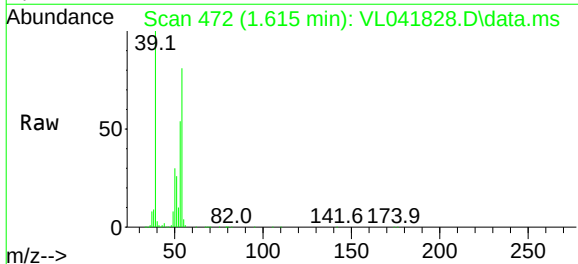
Manual Integrations
APPROVED

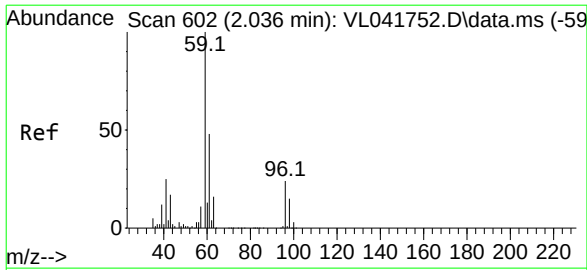
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#16
1,3-Butadiene
Concen: 8.773 ppbv
RT: 1.615 min Scan# 472
Delta R.T. 0.009 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

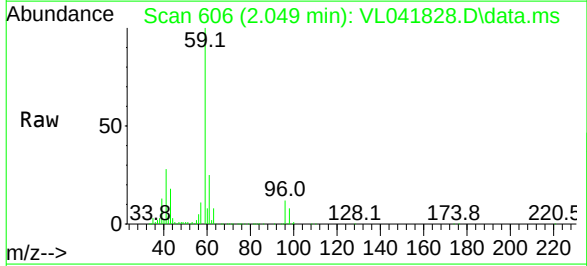
Tgt Ion: 39 Resp: 59523
Ion Ratio Lower Upper
39 100
54 69.1 58.4 87.6





#17
tert-Butyl alcohol
Concen: 8.451 ppbv
RT: 2.049 min Scan# 604
Delta R.T. 0.013 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

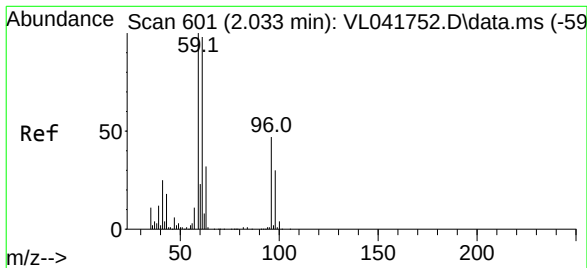
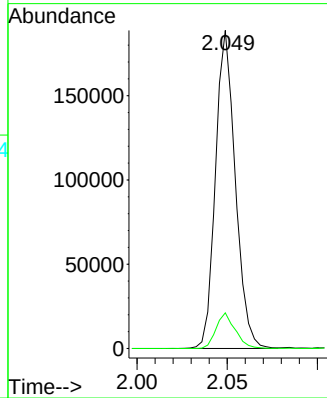
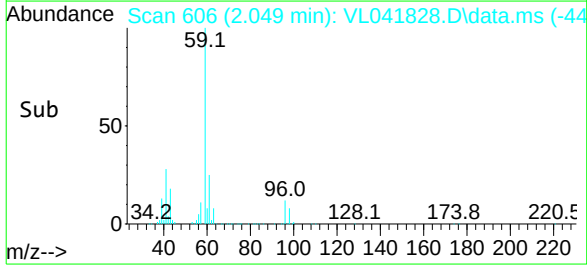
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



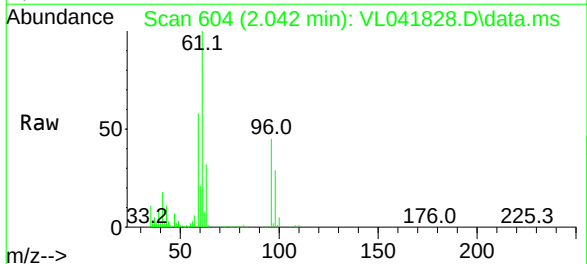
Tgt Ion: 59 Resp: 144448
Ion Ratio Lower Upper
59 100
57 10.8 8.6 13.0

Manual Integrations
APPROVED

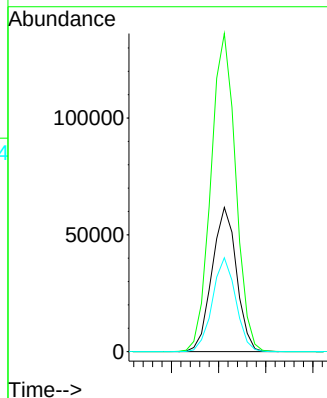
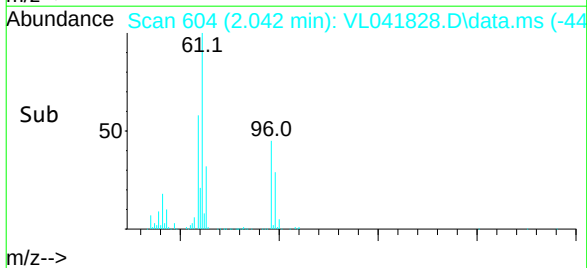
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025

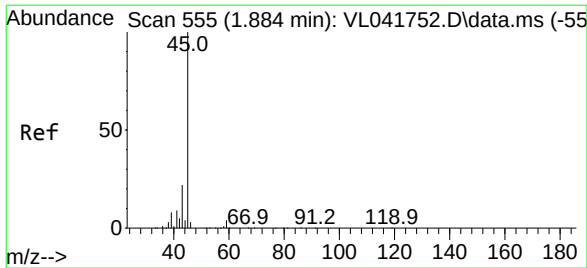


#18
1,1-Dichloroethene
Concen: 8.363 ppbv
RT: 2.042 min Scan# 604
Delta R.T. 0.009 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25



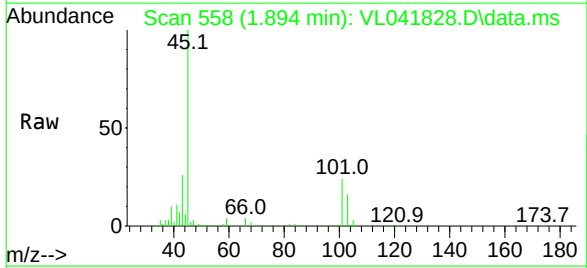
Tgt Ion: 96 Resp: 44633
Ion Ratio Lower Upper
96 100
61 220.5 167.7 251.5
98 65.1 51.1 76.7





#19
Isopropyl Alcohol
Concen: 7.052 ppbv m
RT: 1.894 min Scan# 555
Delta R.T. 0.009 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

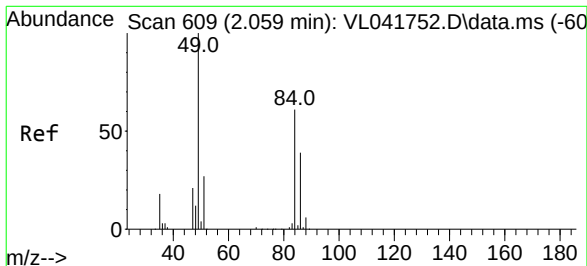
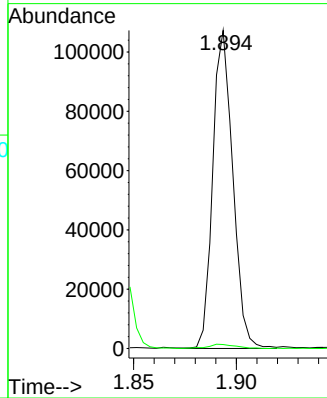
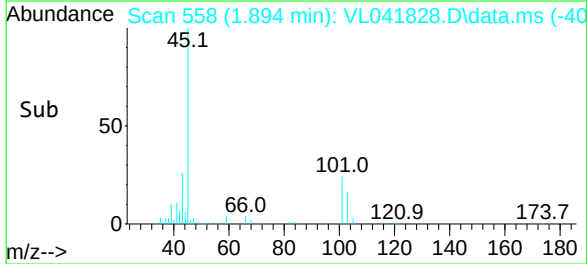
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



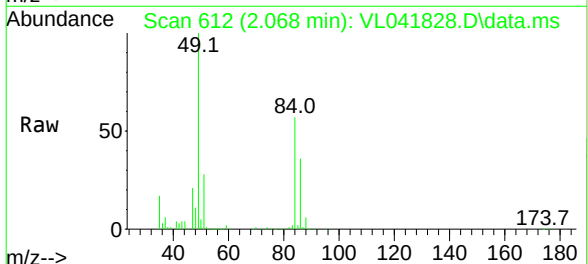
Tgt Ion: 45 Resp: 72908
Ion Ratio Lower Upper
45 100
58 43.9 33.3 49.9

Manual Integrations
APPROVED

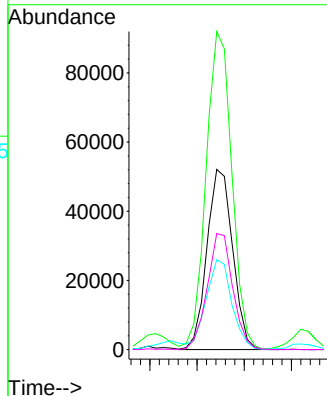
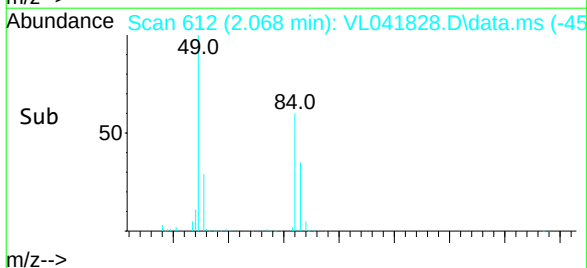
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025

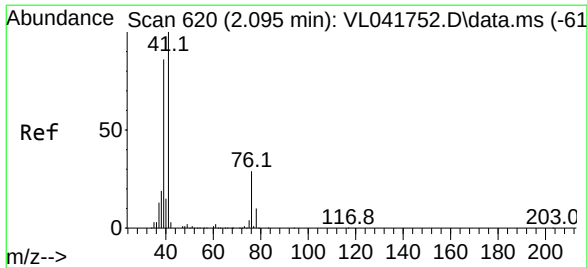


#20
Methylene Chloride
Concen: 8.047 ppbv
RT: 2.068 min Scan# 612
Delta R.T. 0.009 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25



Tgt Ion: 84 Resp: 39535
Ion Ratio Lower Upper
84 100
49 175.0 132.6 198.8
51 49.4 37.6 56.4
86 64.4 51.4 77.0





#21

Allyl Chloride

Concen: 8.895 ppbv

RT: 2.104 min Scan# 621

Delta R.T. 0.009 min

Lab File: VL041828.D

Acq: 03 Jan 2025 14:25

Instrument :

MSVOA_L

ClientSampleId :

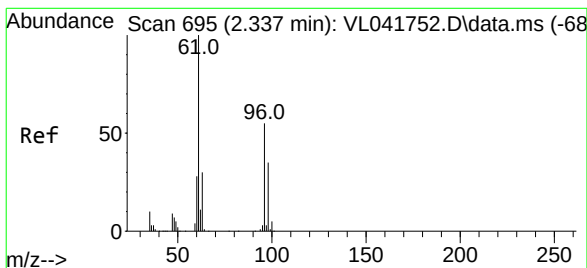
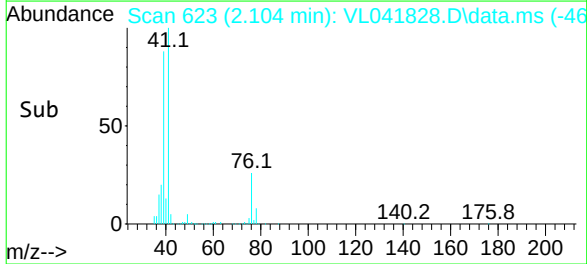
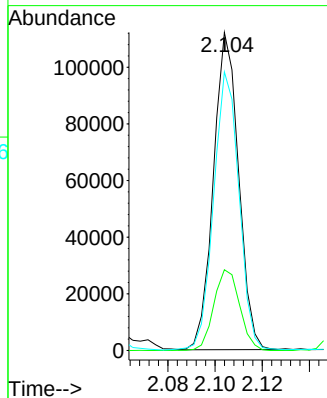
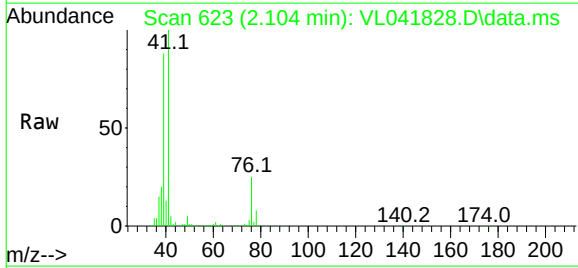
VSTDCCC010

Tgt Ion:	41	Resp:	83120
Ion	Ratio	Lower	Upper
41	100		
76	26.1	22.3	33.5
39	88.4	69.2	103.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#22

trans-1,2-Dichloroethene

Concen: 8.266 ppbv

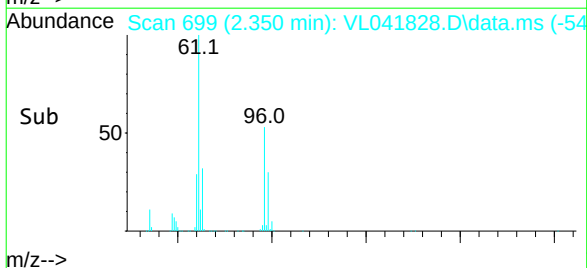
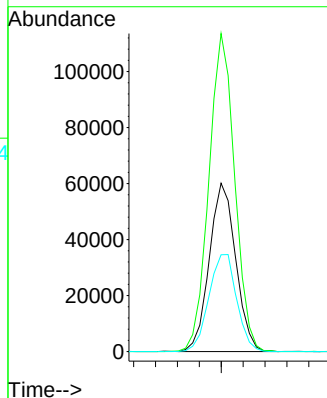
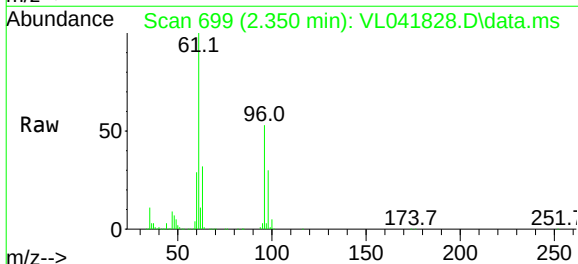
RT: 2.350 min Scan# 699

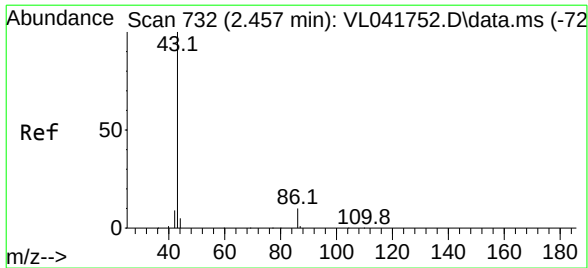
Delta R.T. 0.013 min

Lab File: VL041828.D

Acq: 03 Jan 2025 14:25

Tgt Ion:	96	Resp:	50494
Ion	Ratio	Lower	Upper
96	100		
61	188.9	146.3	219.5
98	57.5	50.8	76.2





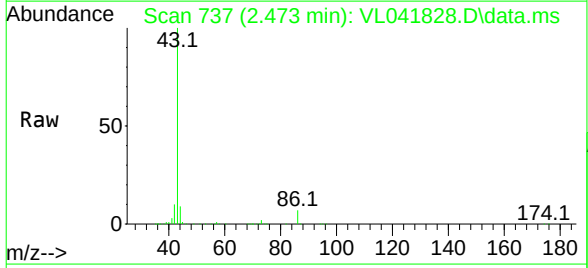
#23
 Vinyl Acetate
 Concen: 8.299 ppbv
 RT: 2.473 min Scan# 73
 Delta R.T. 0.016 min
 Lab File: VL041828.D
 Acq: 03 Jan 2025 14:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

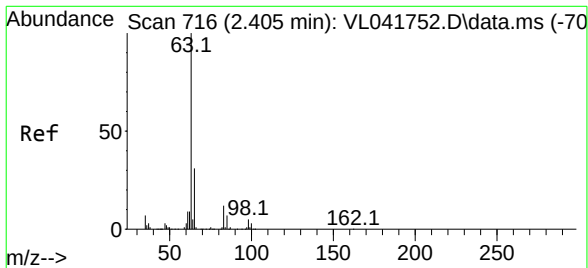
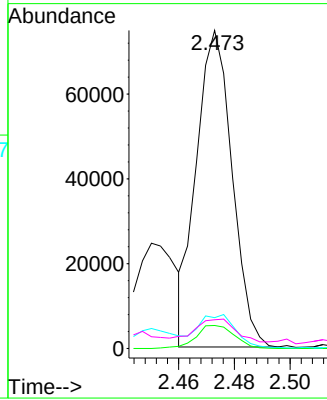
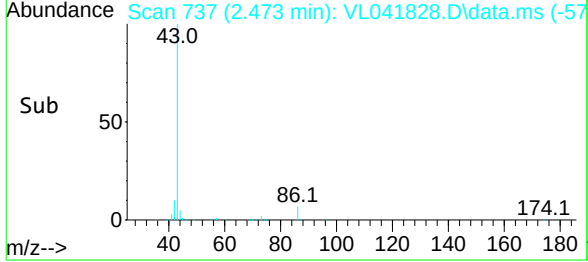


Tgt Ion:	43	Resp:	66393
Ion	Ratio	Lower	Upper
43	100		
86	7.3	6.6	10.0
42	9.4	8.2	12.2
44	6.8	5.0	7.4

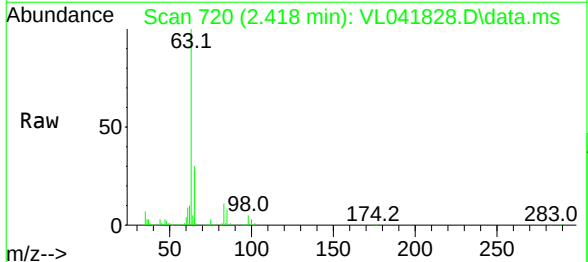
Manual Integrations

APPROVED

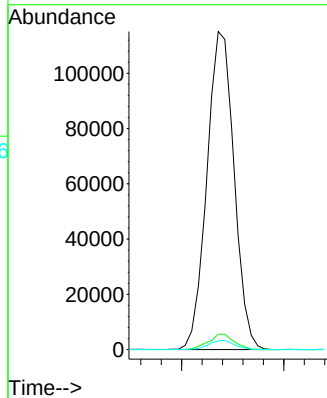
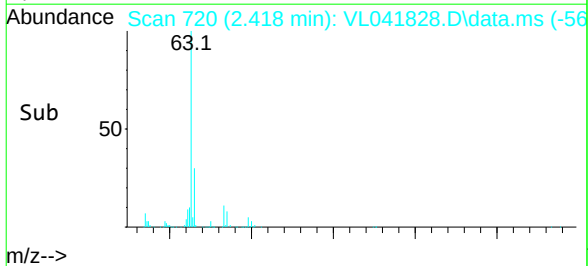
Reviewed By :Semsettin Yesilyurt 01/06/2025
 Supervised By :Mahesh Dadoda 01/06/2025

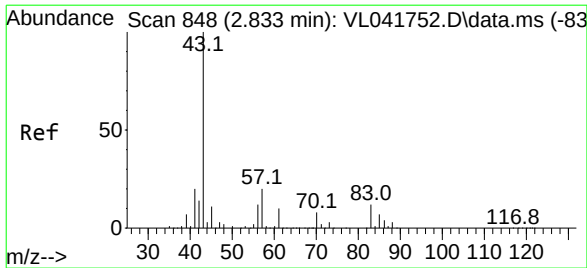


#24
 1,1-Dichloroethane
 Concen: 8.600 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. 0.013 min
 Lab File: VL041828.D
 Acq: 03 Jan 2025 14:25



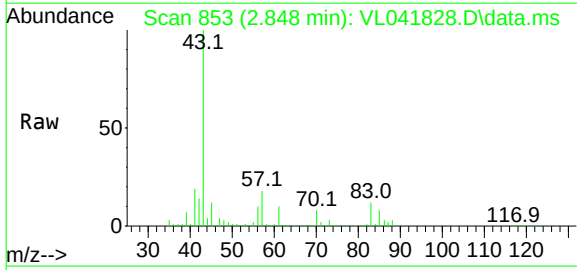
Tgt Ion:	63	Resp:	106352
Ion	Ratio	Lower	Upper
63	100		
98	4.9	2.3	6.8
100	2.7	1.4	4.2





#25
Ethyl Acetate
Concen: 9.028 ppbv
RT: 2.848 min Scan# 851
Delta R.T. 0.016 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

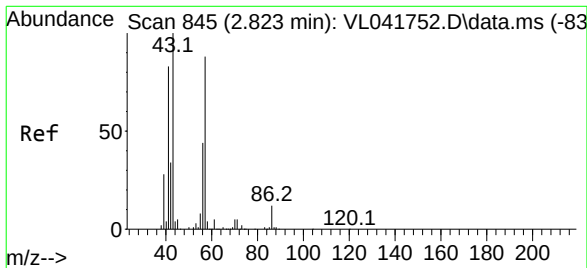
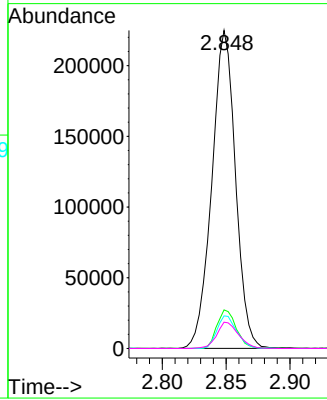
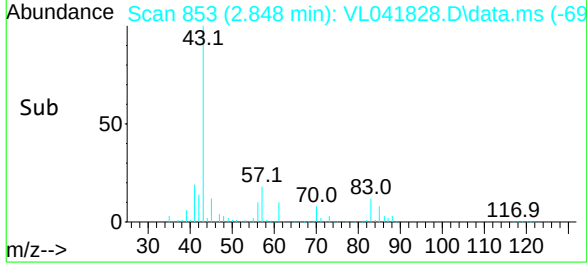
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



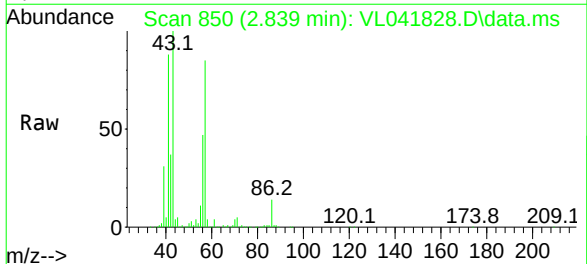
Tgt Ion:	43	45	61	70
Ratio	100	10.1	8.6	7.6
Lower		8.1	7.0	6.5
Upper		12.1	10.6	9.7

Manual Integrations
APPROVED

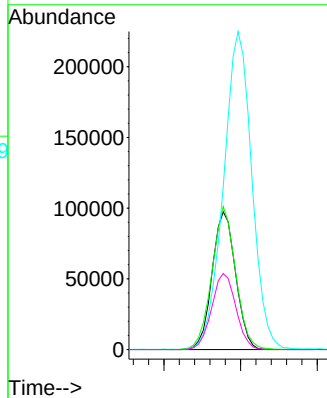
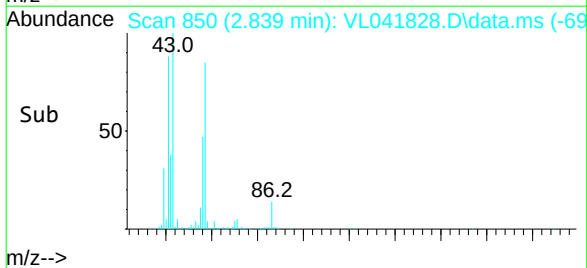
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025

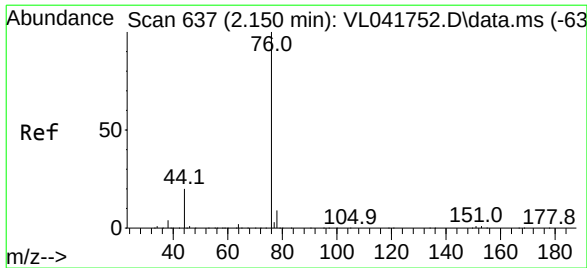


#26
Hexane
Concen: 8.528 ppbv
RT: 2.839 min Scan# 850
Delta R.T. 0.016 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25



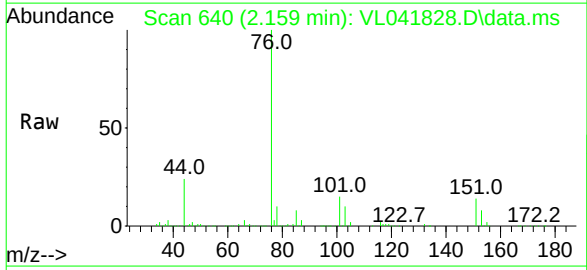
Tgt Ion:	57	41	43	56
Ratio	100	105.3	278.8	57.0
Lower		79.6	211.0	42.6
Upper		119.4	316.6	63.8





#27
Carbon Disulfide
Concen: 9.244 ppbv
RT: 2.159 min Scan# 641
Delta R.T. 0.009 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

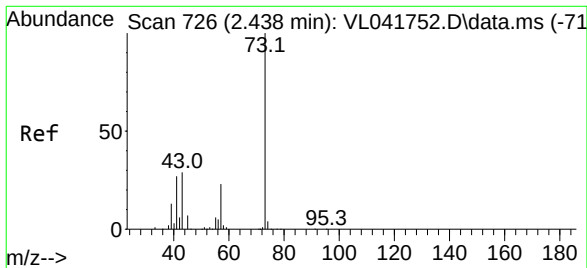
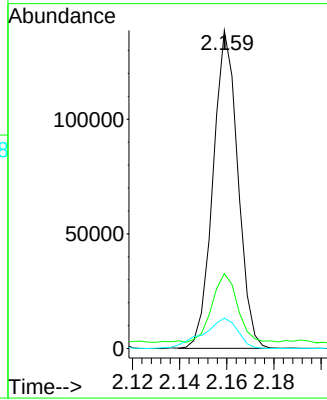
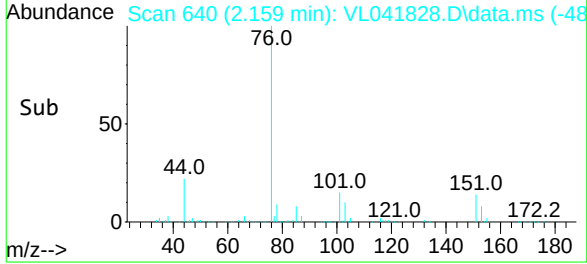
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 101328
Ion Ratio Lower Upper
76 100
44 25.5 17.6 26.4
78 13.3 10.2 15.4

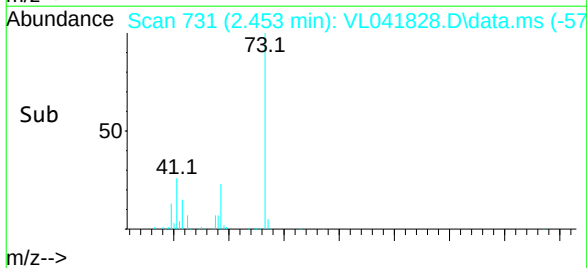
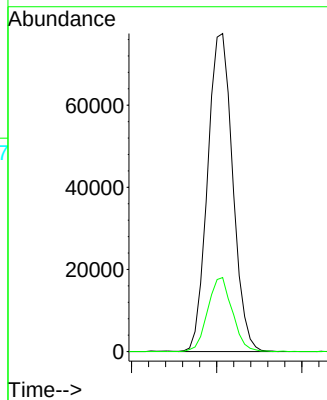
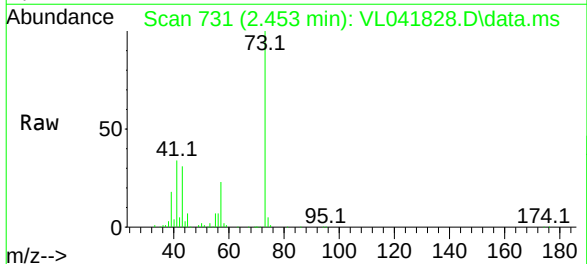
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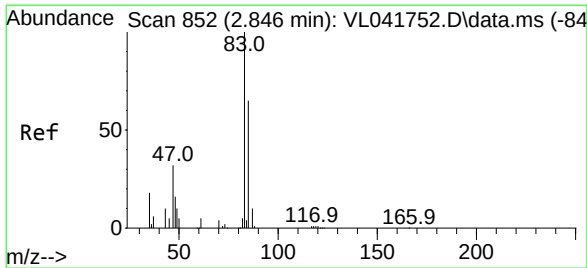
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#28
Methyl tert-Butyl Ether
Concen: 8.040 ppbv
RT: 2.453 min Scan# 731
Delta R.T. 0.016 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

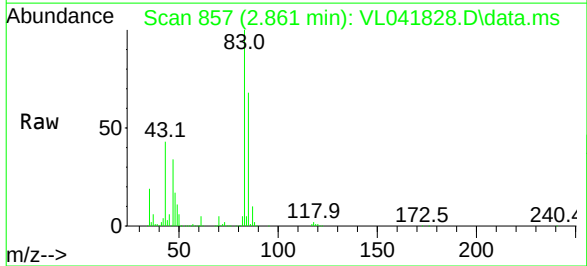
Tgt Ion: 73 Resp: 79334
Ion Ratio Lower Upper
73 100
57 22.8 17.6 26.4





#29
Chloroform
Concen: 8.915 ppbv
RT: 2.861 min Scan# 85
Delta R.T. 0.016 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

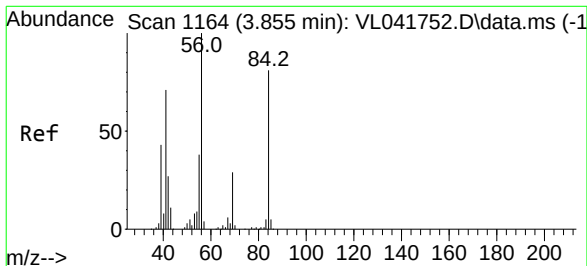
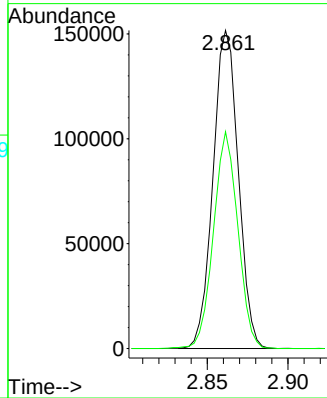
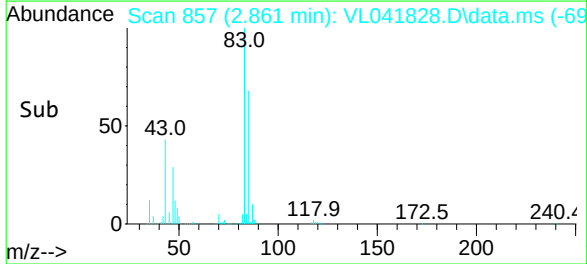
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 83 Resp: 165249
Ion Ratio Lower Upper
83 100
85 68.1 51.8 77.6

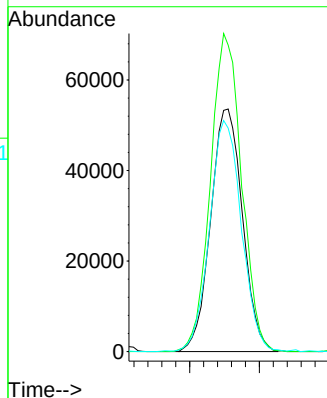
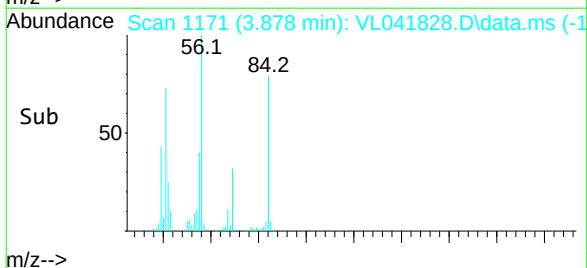
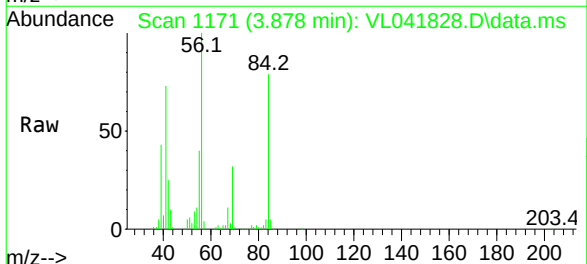
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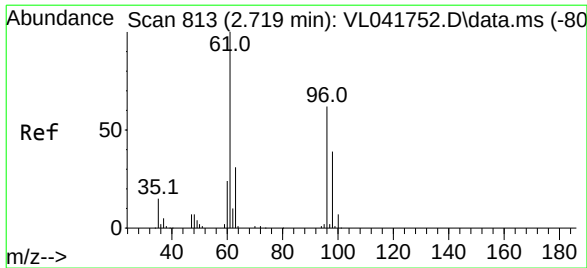
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#30
Cyclohexane
Concen: 8.196 ppbv
RT: 3.878 min Scan# 1171
Delta R.T. 0.022 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

Tgt Ion: 84 Resp: 84824
Ion Ratio Lower Upper
84 100
56 128.5 102.3 153.5
41 95.8 74.0 111.0





#31

cis-1,2-Dichloroethene

Concen: 8.303 ppbv

RT: 2.732 min Scan# 81

Delta R.T. 0.013 min

Lab File: VL041828.D

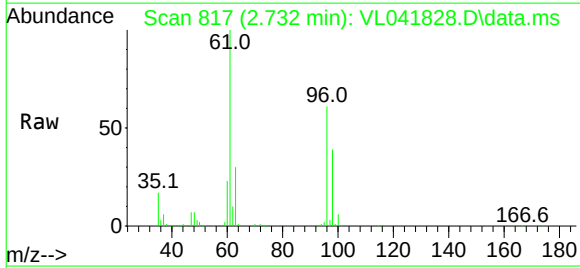
Acq: 03 Jan 2025 14:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 61 Resp: 104361

Ion Ratio Lower Upper

61 100

96 60.8 49.7 74.5

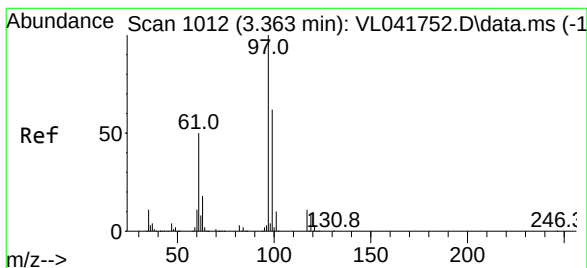
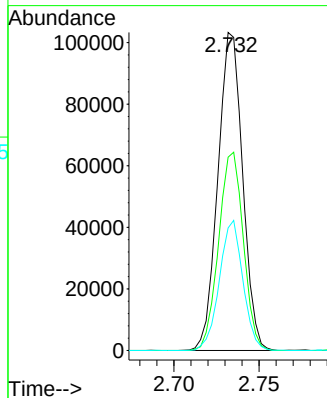
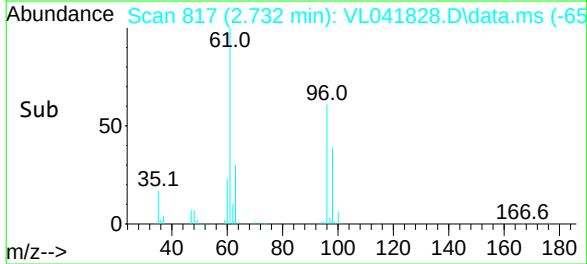
98 38.5 30.8 46.2

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Reviewed By :Semsettin Yesilyurt 01/06/2025

Supervised By :Mahesh Dadoda 01/06/2025



#32

1,1,1-Trichloroethane

Concen: 8.557 ppbv

RT: 3.382 min Scan# 1018

Delta R.T. 0.019 min

Lab File: VL041828.D

Acq: 03 Jan 2025 14:25

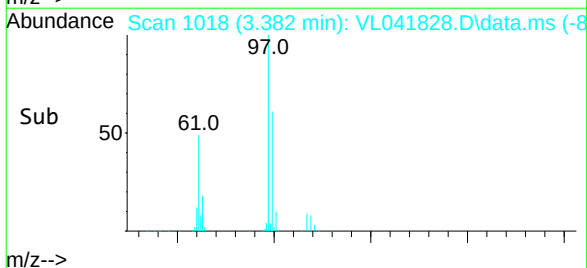
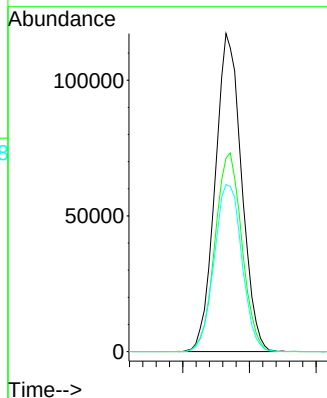
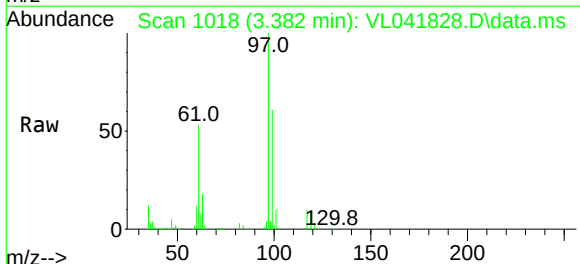
Tgt Ion: 97 Resp: 161247

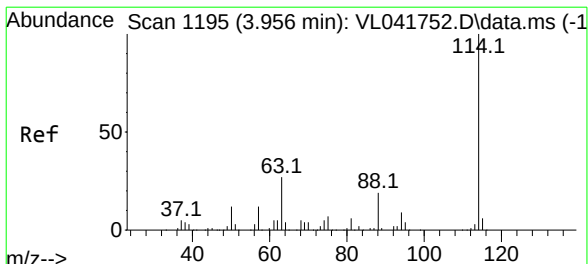
Ion Ratio Lower Upper

97 100

99 63.3 51.0 76.4

61 55.4 42.2 63.2





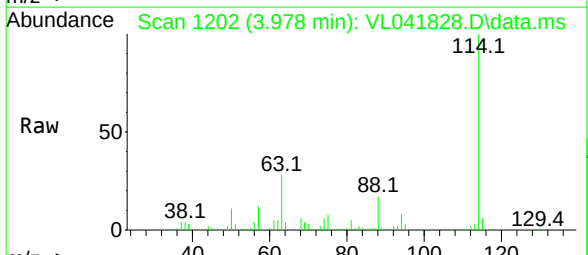
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.978 min Scan# 12
 Delta R.T. 0.022 min
 Lab File: VL041828.D
 Acq: 03 Jan 2025 14:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

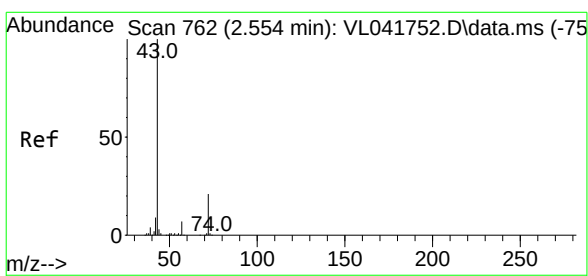
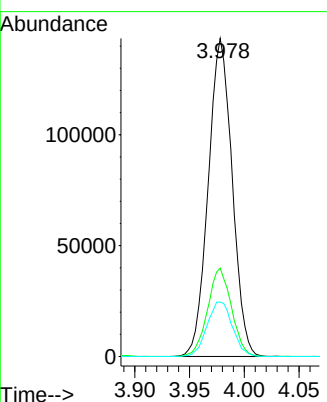
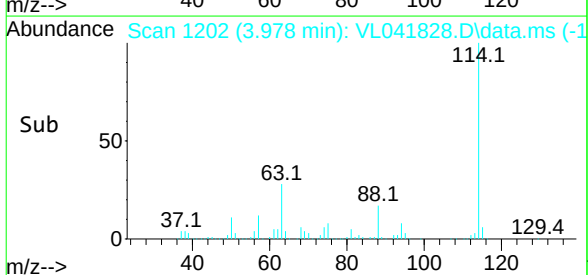


Tgt Ion: 114 Resp: 217974

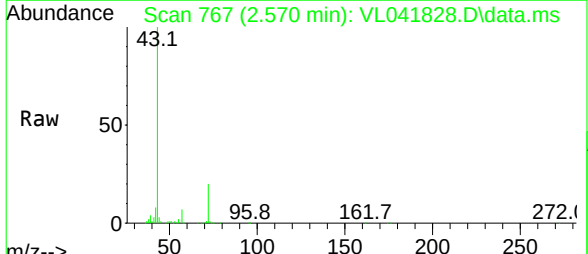
Ion	Ratio	Lower	Upper
114	100		
63	27.7	21.8	32.8
88	18.2	14.8	22.2

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Reviewed By : Semsettin Yesilyurt 01/06/2025
 Supervised By : Mahesh Dadoda 01/06/2025

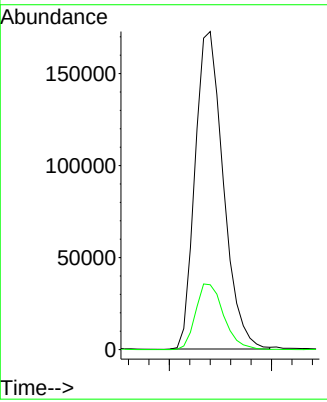
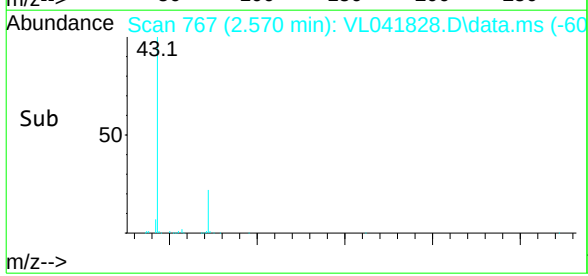


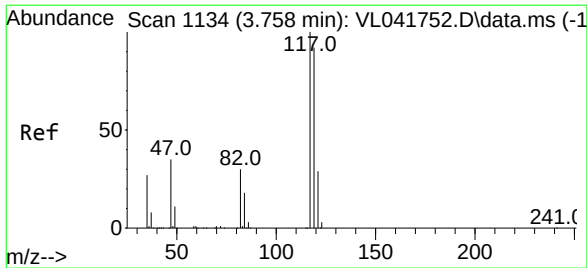
#34
 2-Butanone
 Concen: 9.441 ppbv
 RT: 2.570 min Scan# 767
 Delta R.T. 0.016 min
 Lab File: VL041828.D
 Acq: 03 Jan 2025 14:25



Tgt Ion: 43 Resp: 165560

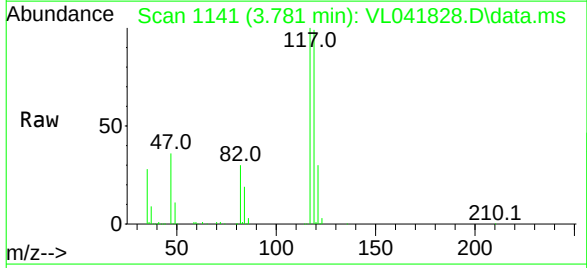
Ion	Ratio	Lower	Upper
43	100		
72	20.6	16.8	25.2





#35
Carbon Tetrachloride
Concen: 10.612 ppbv
RT: 3.781 min Scan# 111
Delta R.T. 0.022 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

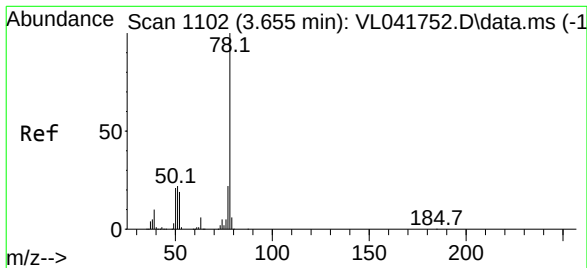
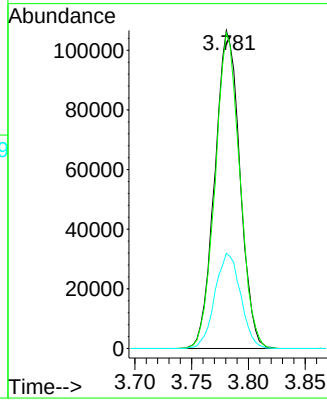
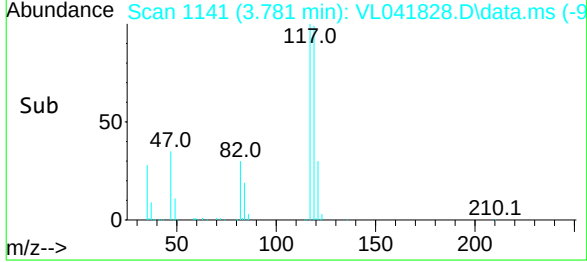
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



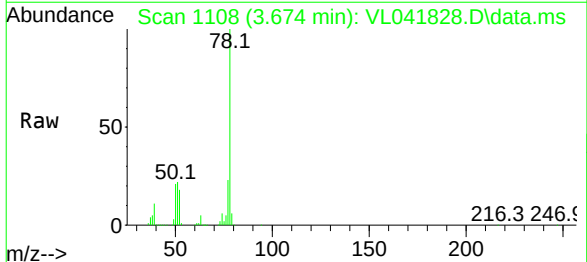
Tgt Ion: 117 Resp: 164210
Ion Ratio Lower Upper
117 100
119 99.2 73.7 110.5
121 29.9 23.0 34.4

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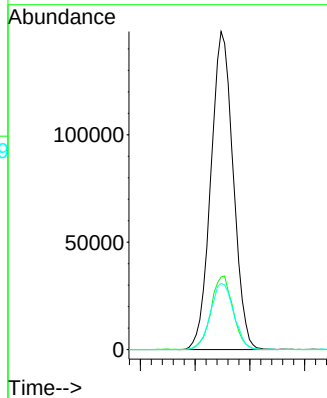
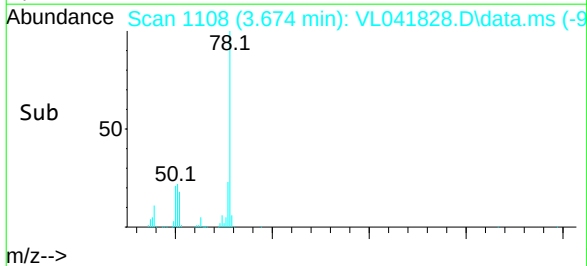
Reviewed By : Semsettin Yesilyurt 01/06/2025
Supervised By : Mahesh Dadoda 01/06/2025

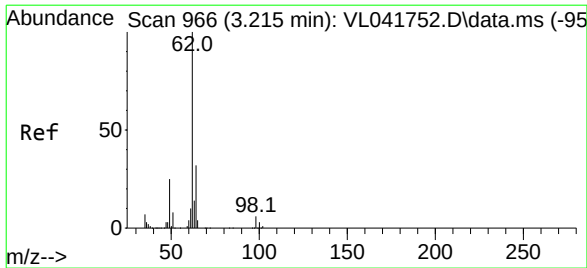


#36
Benzene
Concen: 9.320 ppbv
RT: 3.674 min Scan# 1108
Delta R.T. 0.019 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25



Tgt Ion: 78 Resp: 210146
Ion Ratio Lower Upper
78 100
77 22.8 17.8 26.6
50 20.8 17.2 25.8





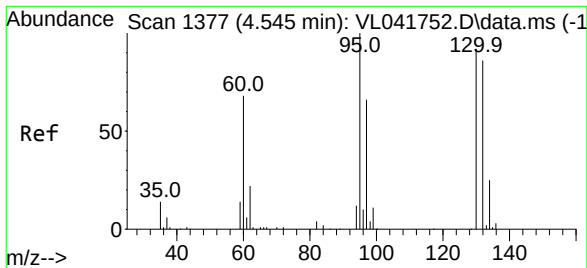
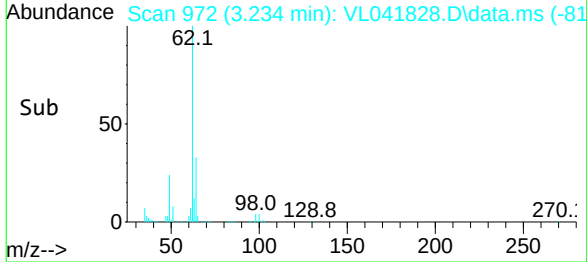
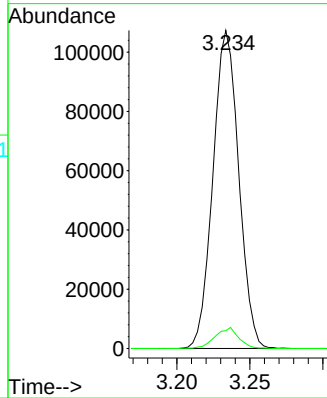
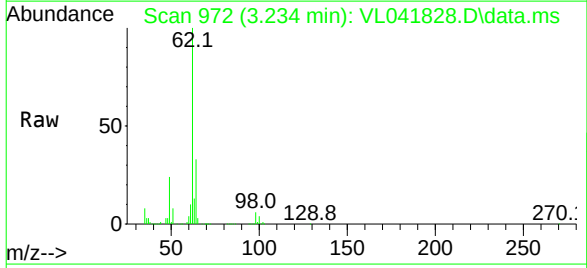
#37
1,2-Dichloroethane
Concen: 9.400 ppbv
RT: 3.234 min Scan# 971
Delta R.T. 0.019 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 131882
Ion Ratio Lower Upper
62 100
98 6.0 4.7 7.1

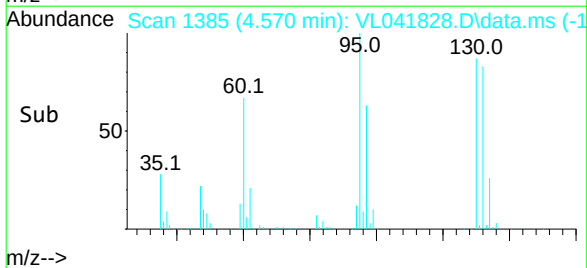
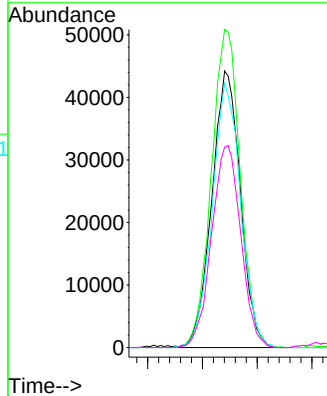
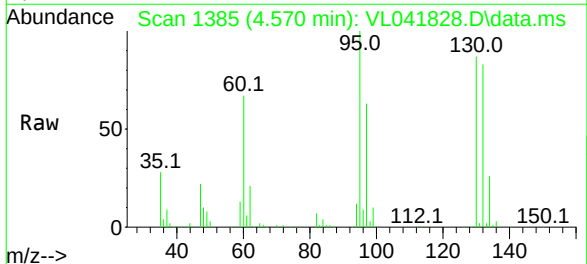
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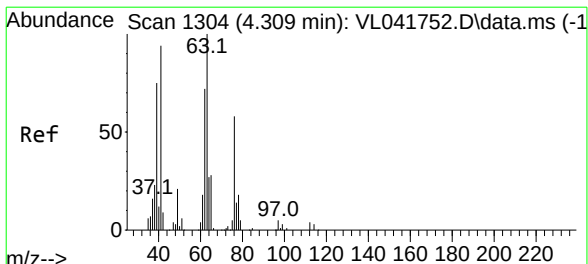
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#38
Trichloroethene
Concen: 8.390 ppbv
RT: 4.570 min Scan# 1385
Delta R.T. 0.025 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

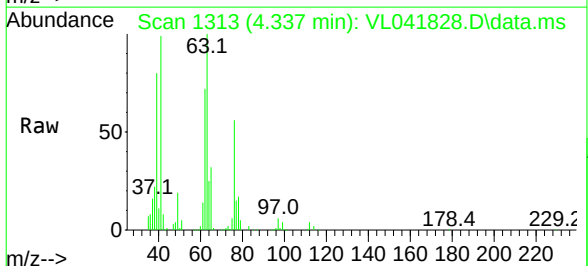
Tgt Ion:130 Resp: 80300
Ion Ratio Lower Upper
130 100
95 114.9 87.0 130.6
132 95.5 75.0 112.6
97 72.5 57.2 85.8





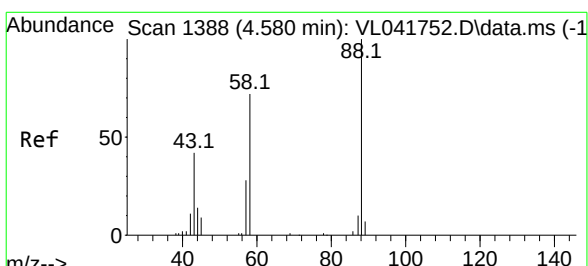
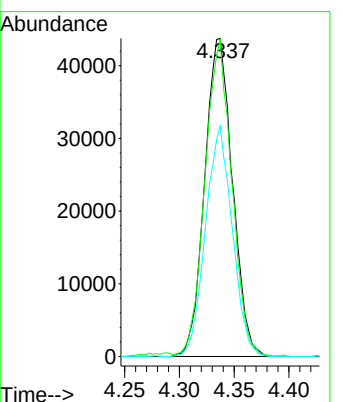
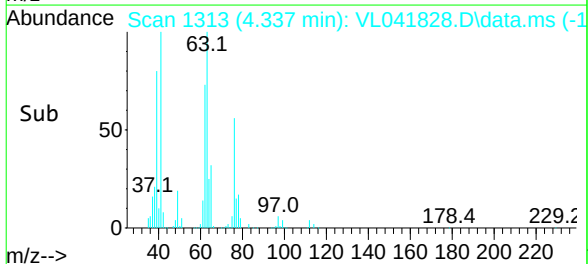
#39
 1,2-Dichloropropane
 Concen: 9.476 ppbv
 RT: 4.337 min Scan# 1313
 Delta R.T. 0.029 min
 Lab File: VL041828.D
 Acq: 03 Jan 2025 14:25

Instrument : MSVOA_L
 ClientSampleId : VSTDCCC010

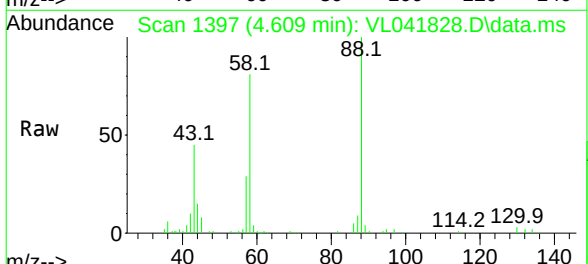


Tgt Ion:	63	Resp:	77276
Ion	Ratio	Lower	Upper
63	100		
41	98.9	75.3	112.9
62	72.5	57.3	85.9

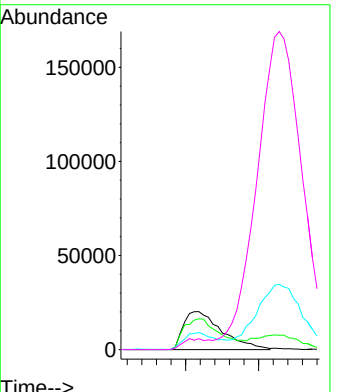
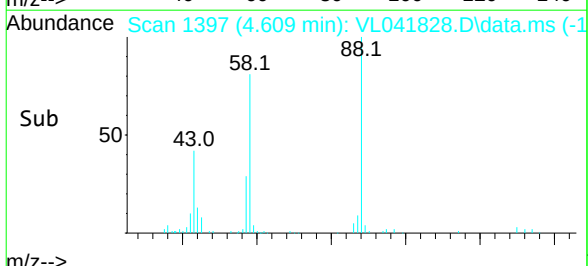
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 Reviewed By :Semsettin Yesilyurt 01/06/2025
 Supervised By :Mahesh Dadoda 01/06/2025

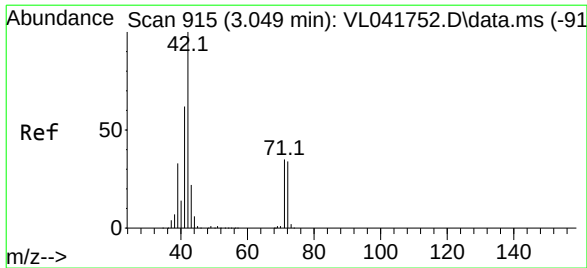


#40
 1,4-Dioxane
 Concen: 9.278 ppbv
 RT: 4.609 min Scan# 1397
 Delta R.T. 0.029 min
 Lab File: VL041828.D
 Acq: 03 Jan 2025 14:25



Tgt Ion:	88	Resp:	36961
Ion	Ratio	Lower	Upper
88	100		
58	77.3	61.0	91.6
43	39.5	29.4	44.0
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 9.264 ppbv

RT: 3.068 min Scan# 92

Delta R.T. 0.019 min

Lab File: VL041828.D

Acq: 03 Jan 2025 14:25

Instrument :

MSVOA_L

ClientSampleId :

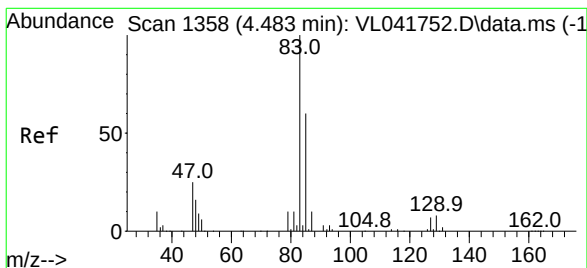
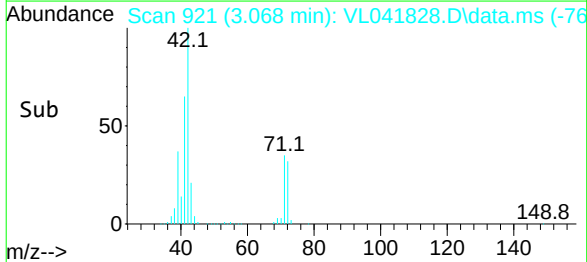
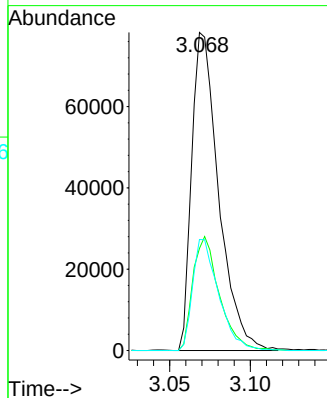
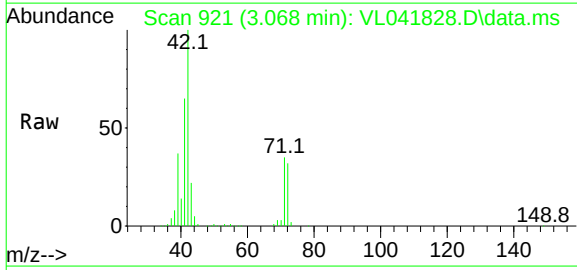
VSTDCCC010

Tgt Ion:	42	Resp:	91011
Ion	Ratio	Lower	Upper
42	100		
72	35.2	29.1	43.7
71	33.7	28.4	42.6

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Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#42

Bromodichloromethane

Concen: 10.346 ppbv

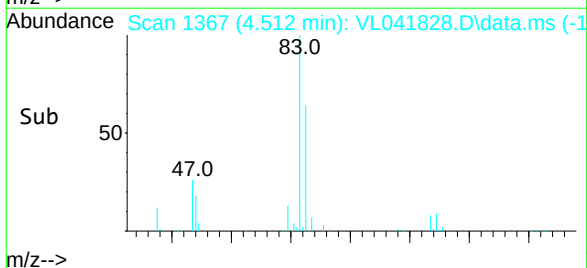
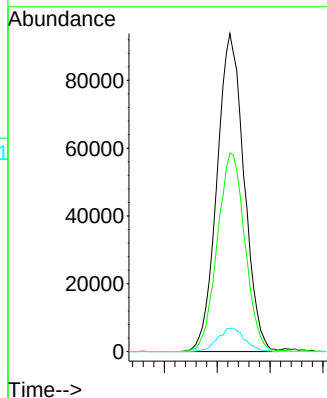
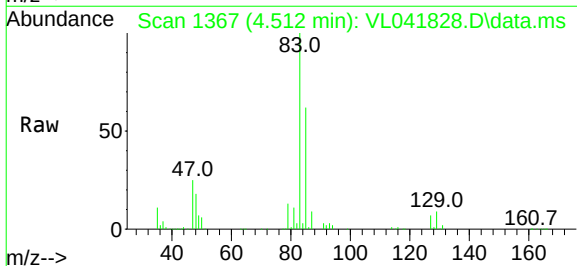
RT: 4.512 min Scan# 1367

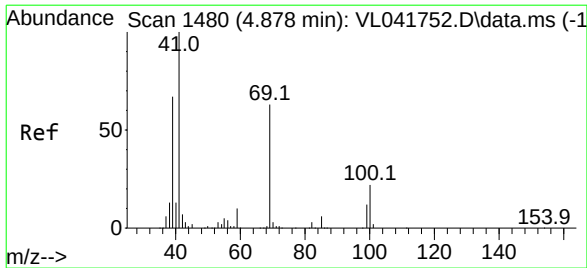
Delta R.T. 0.029 min

Lab File: VL041828.D

Acq: 03 Jan 2025 14:25

Tgt Ion:	83	Resp:	166985
Ion	Ratio	Lower	Upper
83	100		
85	62.4	48.0	72.0
127	7.3	5.8	8.8





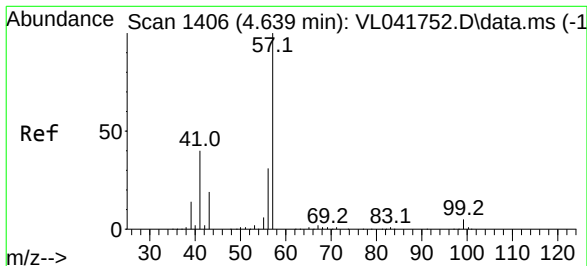
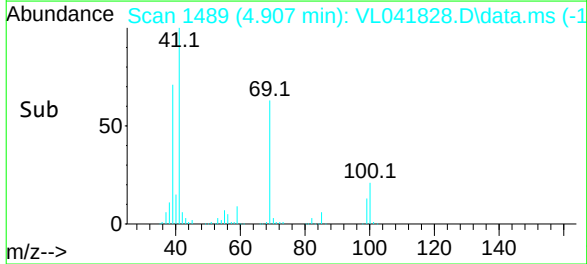
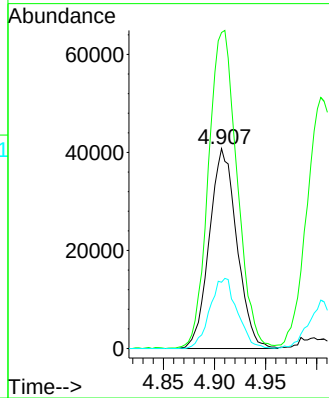
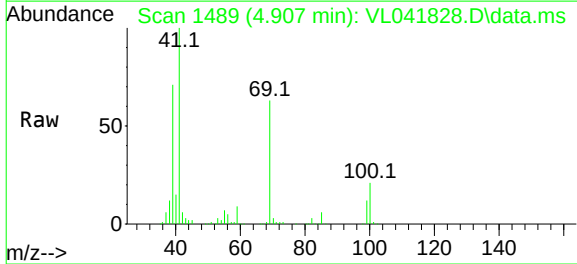
#43
Methyl Methacrylate
Concen: 8.886 ppbv
RT: 4.907 min Scan# 1414
Delta R.T. 0.029 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 76334
Ion Ratio Lower Upper
69 100
41 166.1 130.3 195.5
100 34.9 28.3 42.5

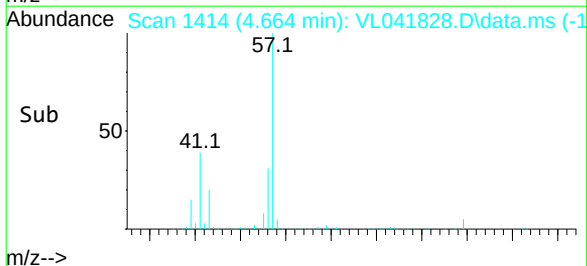
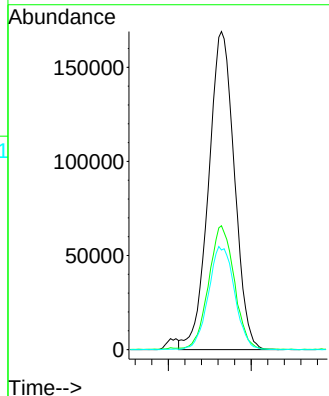
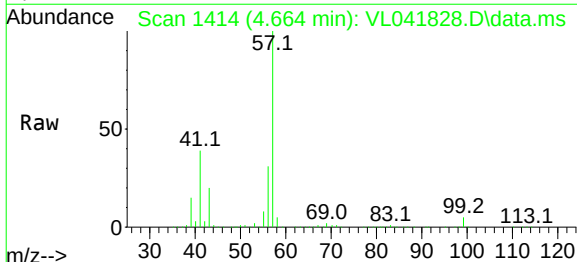
Manual Integrations
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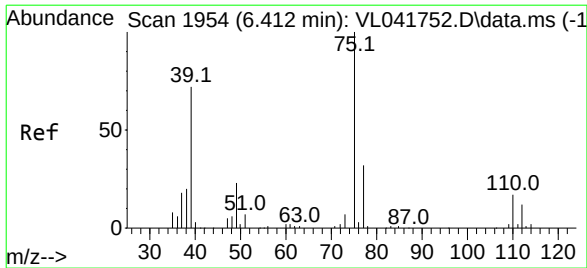
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#44
2,2,4-Trimethylpentane
Concen: 9.498 ppbv
RT: 4.664 min Scan# 1414
Delta R.T. 0.025 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

Tgt Ion: 57 Resp: 365727
Ion Ratio Lower Upper
57 100
41 39.2 30.7 46.1
56 33.0 25.4 38.0





#45

t-1,3-Dichloropropene

Concen: 8.711 ppbv

RT: 6.444 min Scan# 19

Delta R.T. 0.032 min

Lab File: VL041828.D

Acq: 03 Jan 2025 14:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 75 Resp: 77404

Ion Ratio Lower Upper

75 100

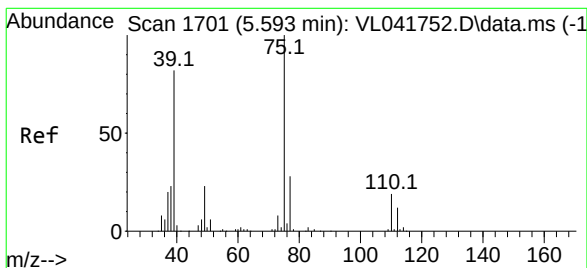
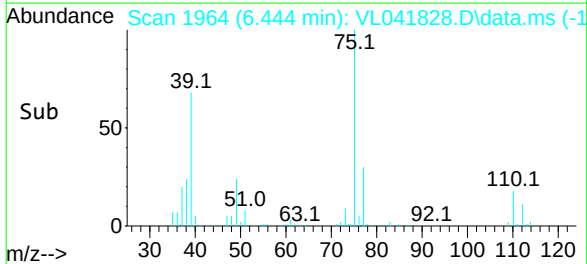
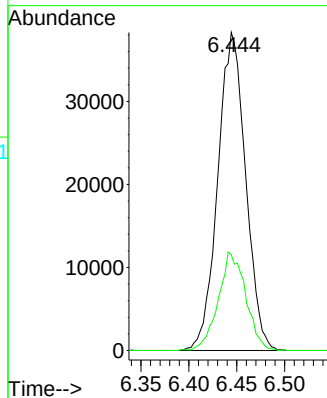
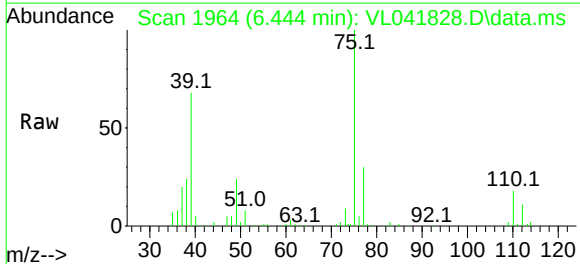
77 30.0 25.9 38.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/06/2025

Supervised By :Mahesh Dadoda 01/06/2025



#46

cis-1,3-Dichloropropene

Concen: 8.789 ppbv

RT: 5.635 min Scan# 1714

Delta R.T. 0.042 min

Lab File: VL041828.D

Acq: 03 Jan 2025 14:25

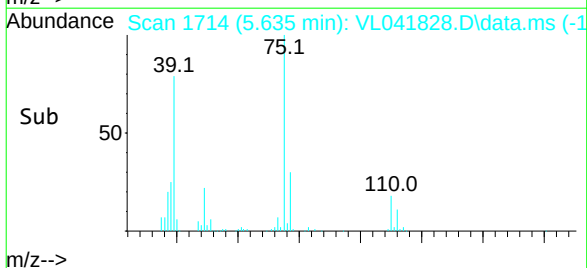
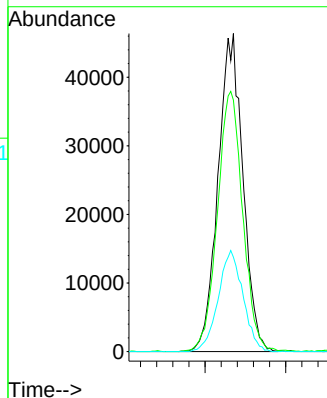
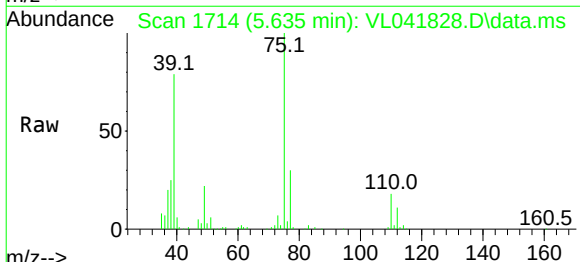
Tgt Ion: 75 Resp: 99148

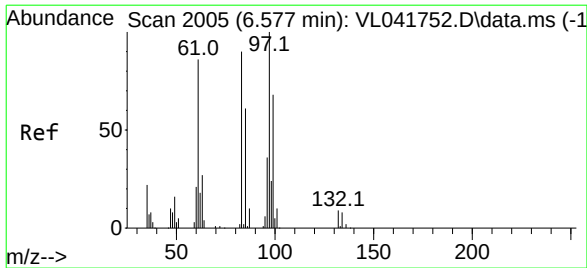
Ion Ratio Lower Upper

75 100

39 79.1 65.2 97.8

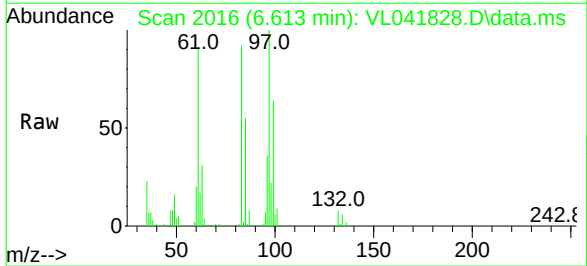
77 29.7 22.0 33.0





#47
1,1,2-Trichloroethane
Concen: 9.231 ppbv
RT: 6.613 min Scan# 2005
Delta R.T. 0.035 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

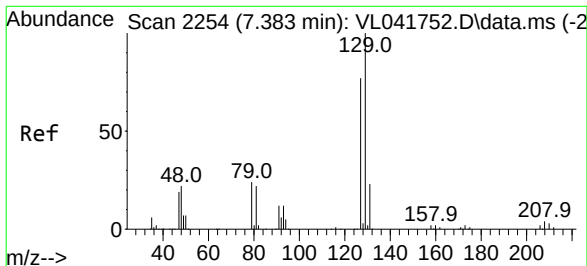
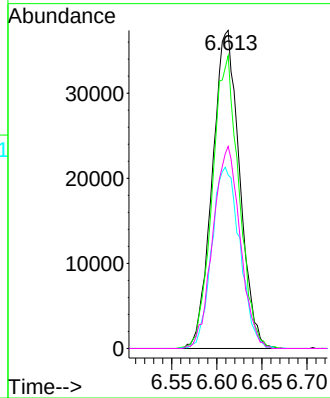
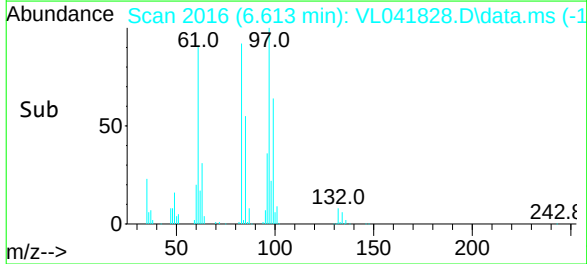
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 97 Resp: 78623
Ion Ratio Lower Upper
97 100
83 91.9 72.3 108.5
85 54.6 48.5 72.7
99 63.5 54.0 81.0

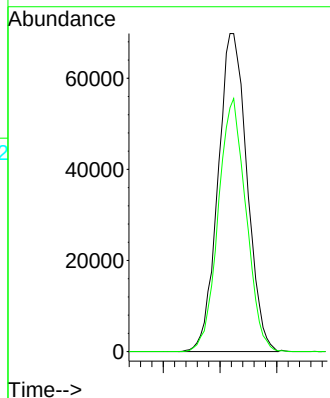
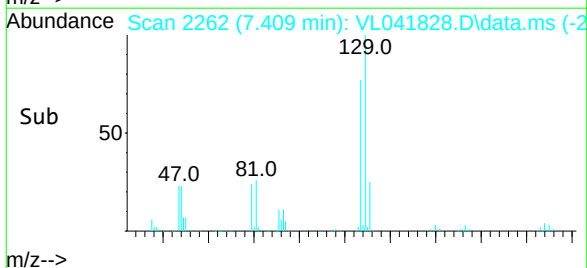
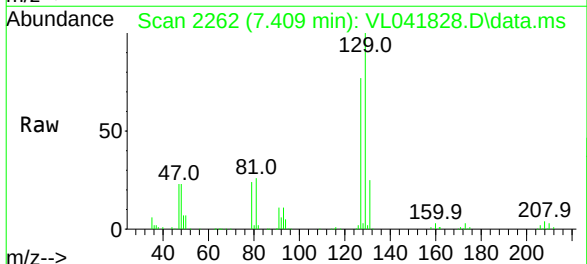
Manual Integrations
APPROVED

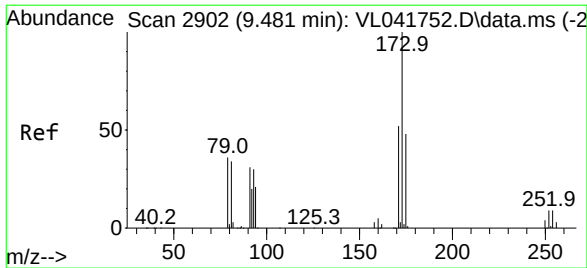
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#48
Dibromochloromethane
Concen: 10.647 ppbv
RT: 7.409 min Scan# 2262
Delta R.T. 0.025 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

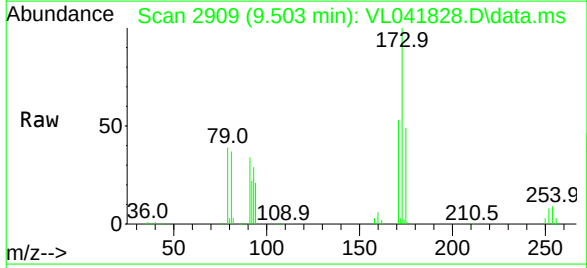
Tgt Ion:129 Resp: 123832
Ion Ratio Lower Upper
129 100
127 76.0 38.8 116.3





#49
Bromoform
Concen: 10.606 ppbv
RT: 9.503 min Scan# 2902
Delta R.T. 0.022 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

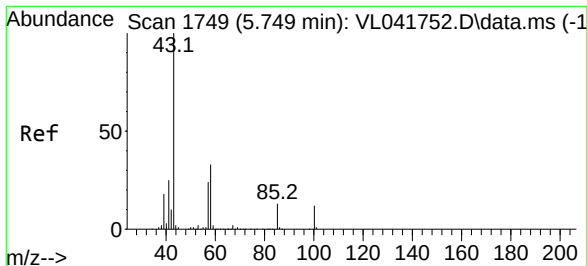
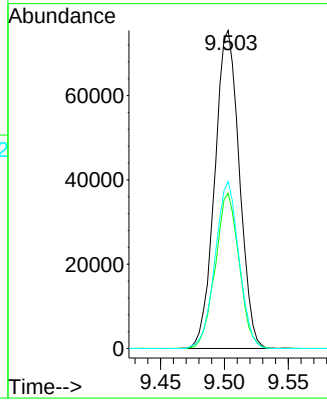
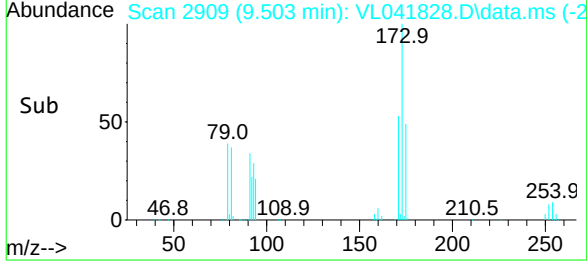
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 173 Resp: 100968
Ion Ratio Lower Upper
173 100
175 47.2 38.2 57.2
171 51.0 41.1 61.7

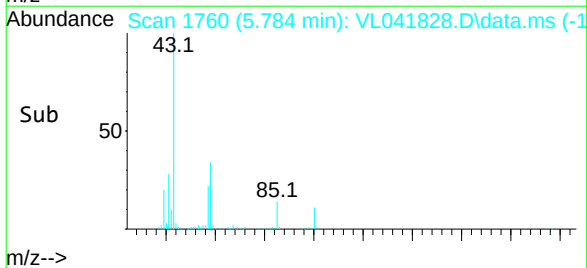
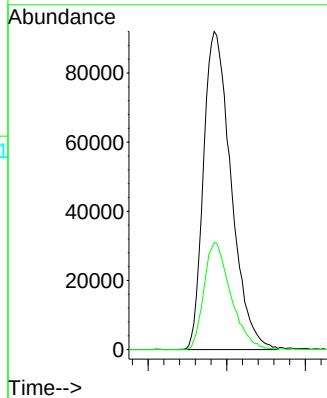
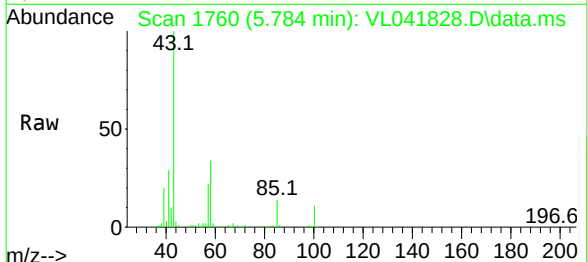
Manual Integrations
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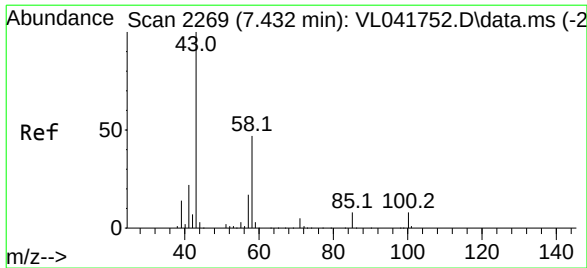
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#50
4-Methyl-2-Pentanone
Concen: 9.373 ppbv
RT: 5.784 min Scan# 1760
Delta R.T. 0.035 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

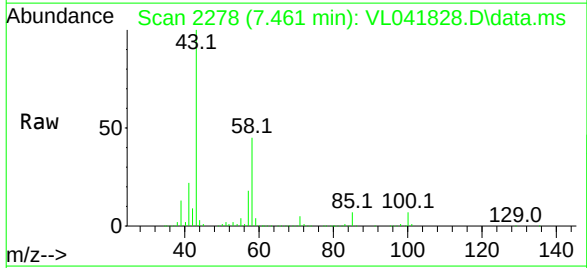
Tgt Ion: 43 Resp: 223795
Ion Ratio Lower Upper
43 100
58 32.9 26.8 40.2





#51
2-Hexanone
Concen: 9.058 ppbv
RT: 7.461 min Scan# 2269
Delta R.T. 0.029 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

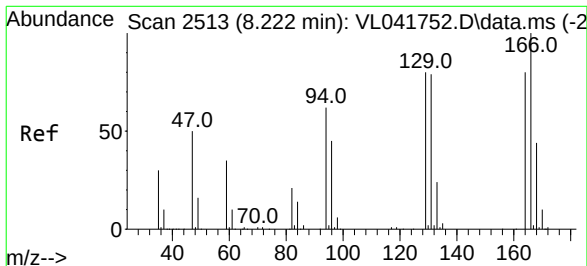
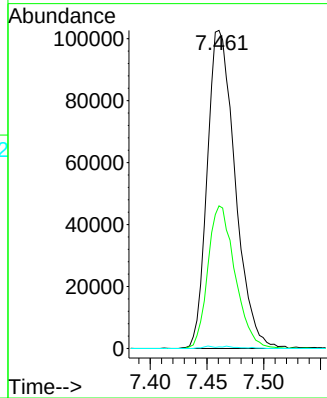
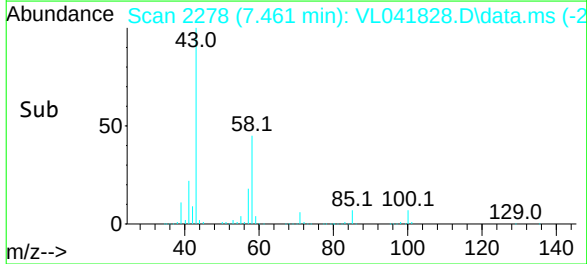
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



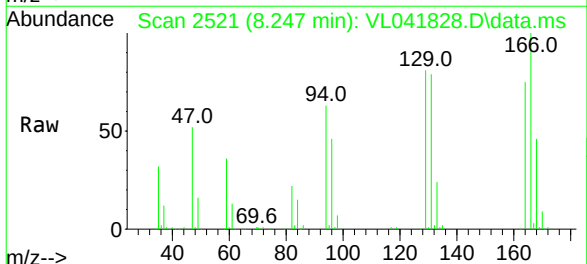
Tgt Ion: 43 Resp: 175298
Ion Ratio Lower Upper
43 100
58 43.7 36.6 55.0
98 0.8 0.1 0.1

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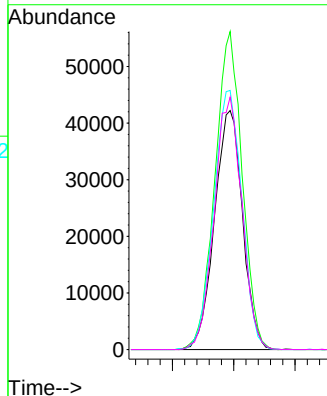
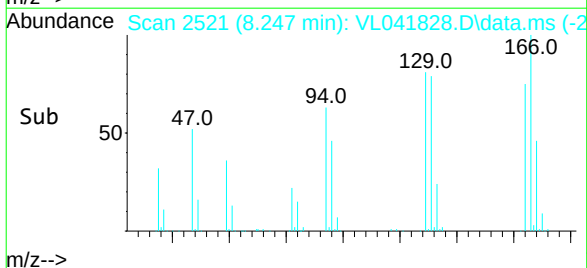
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025

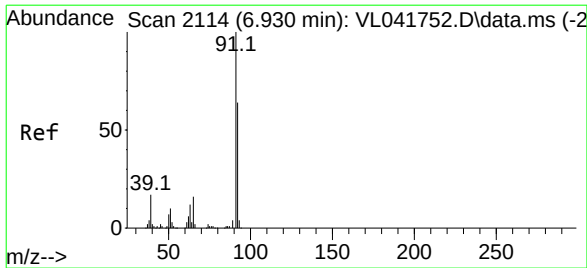


#52
Tetrachloroethene
Concen: 7.979 ppbv
RT: 8.247 min Scan# 2521
Delta R.T. 0.025 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25



Tgt Ion:164 Resp: 66967
Ion Ratio Lower Upper
164 100
166 133.0 99.8 149.6
129 108.2 79.6 119.4
131 105.6 78.6 117.8





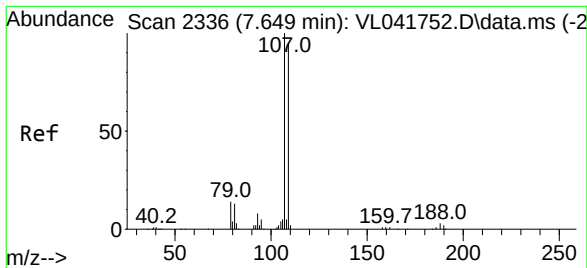
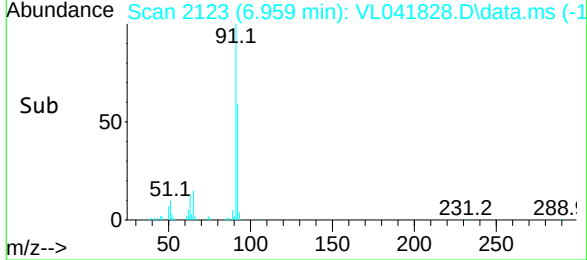
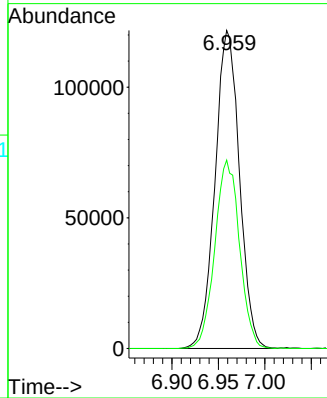
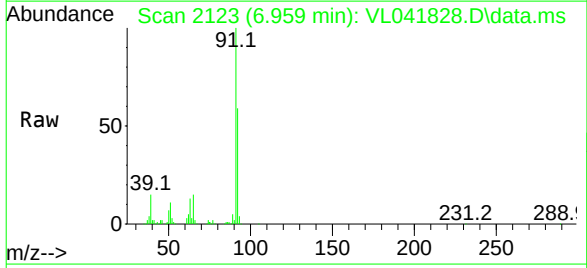
#53
Toluene
Concen: 8.701 ppbv
RT: 6.959 min Scan# 2114
Delta R.T. 0.029 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 91 Resp: 222427
Ion Ratio Lower Upper
91 100
92 59.9 47.9 71.9

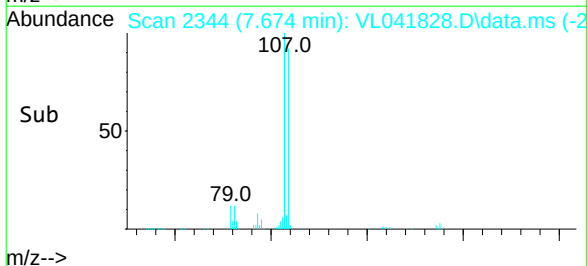
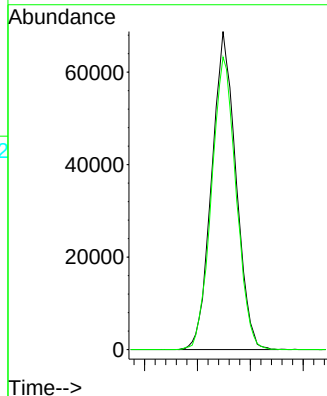
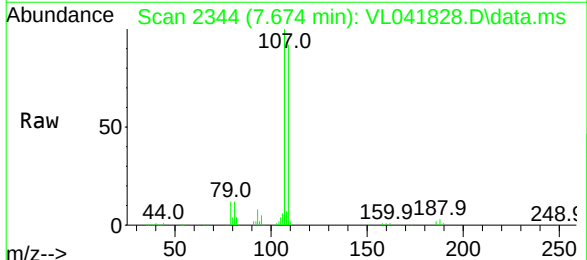
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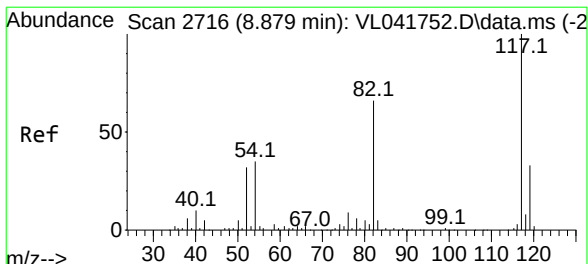
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#54
1,2-Dibromoethane
Concen: 9.338 ppbv
RT: 7.674 min Scan# 2344
Delta R.T. 0.025 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

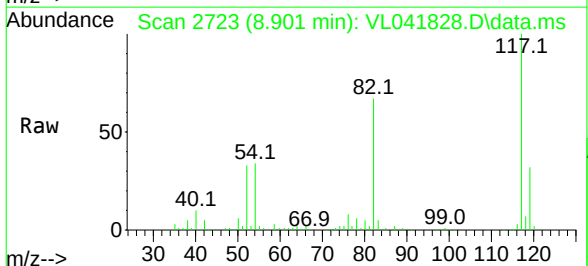
Tgt Ion:107 Resp: 109597
Ion Ratio Lower Upper
107 100
109 91.9 75.9 113.9





#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 8.901 min Scan# 2716
 Delta R.T. 0.022 min
 Lab File: VL041828.D
 Acq: 03 Jan 2025 14:25

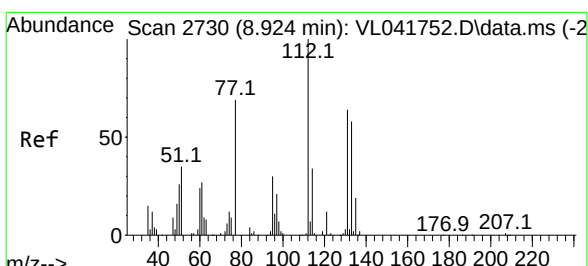
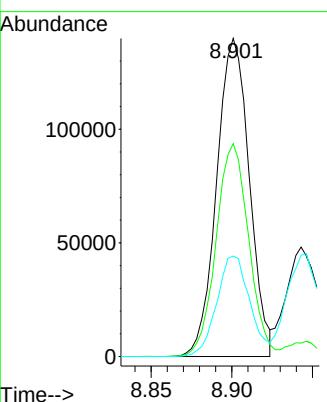
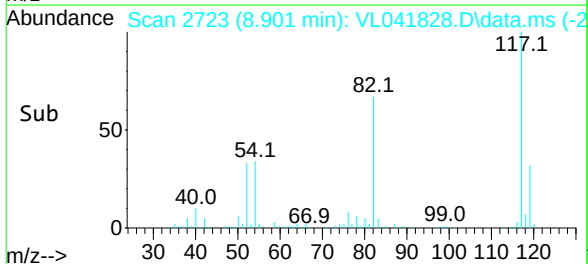
Instrument : MSVOA_1
 ClientSampleId : VSTDCCC010



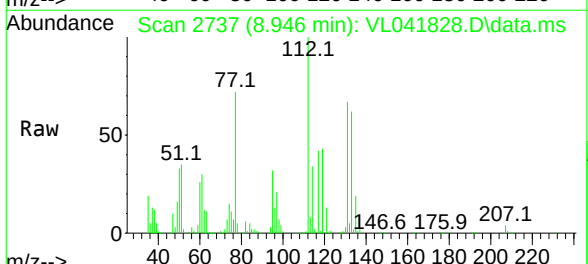
Tgt Ion: 117 Resp: 197278

Ion	Ratio	Lower	Upper
117	100		
82	71.3	53.8	80.8
119	31.5	26.7	40.1

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 Reviewed By : Semsettin Yesilyurt 01/06/2025
 Supervised By : Mahesh Dadoda 01/06/2025

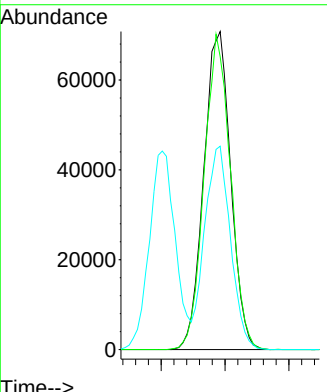
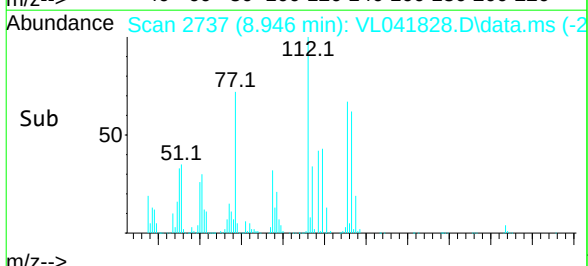


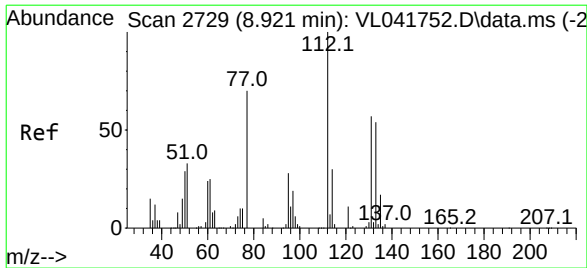
#56
 1,1,1,2-Tetrachloroethane
 Concen: 9.915 ppbv
 RT: 8.946 min Scan# 2737
 Delta R.T. 0.022 min
 Lab File: VL041828.D
 Acq: 03 Jan 2025 14:25



Tgt Ion: 131 Resp: 103697

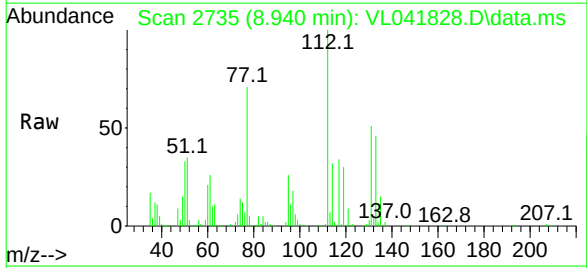
Ion	Ratio	Lower	Upper
131	100		
133	96.6	76.8	115.2
119	62.5	49.0	73.6





#57
Chlorobenzene
Concen: 9.188 ppbv
RT: 8.940 min Scan# 2729
Delta R.T. 0.019 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

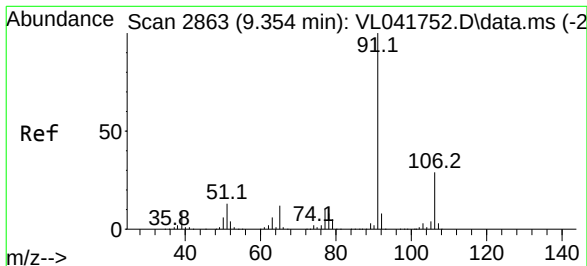
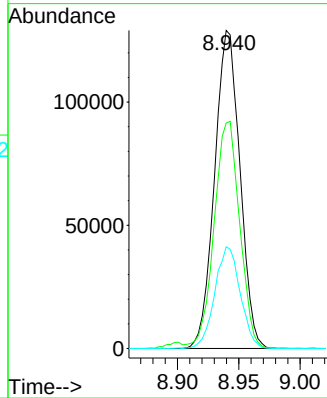
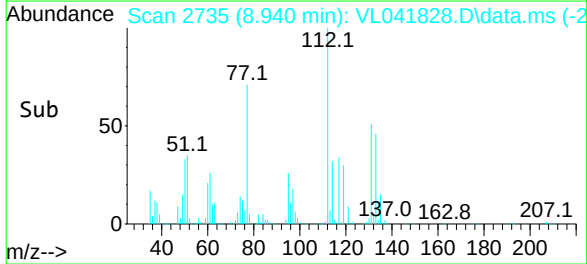
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



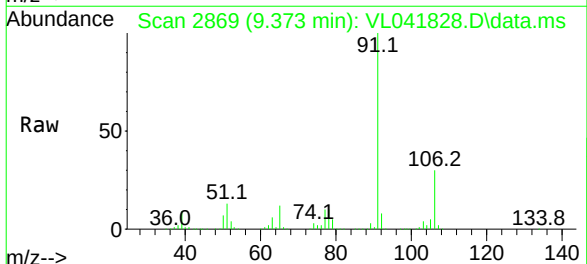
Tgt Ion: 112 Resp: 185476
Ion Ratio Lower Upper
112 100
77 70.9 57.4 86.0
114 32.0 27.4 33.4

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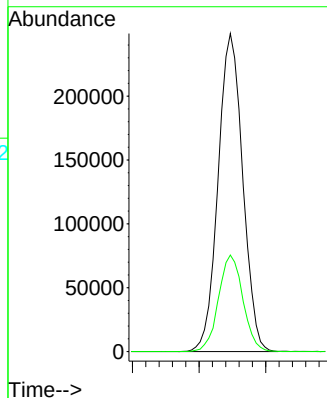
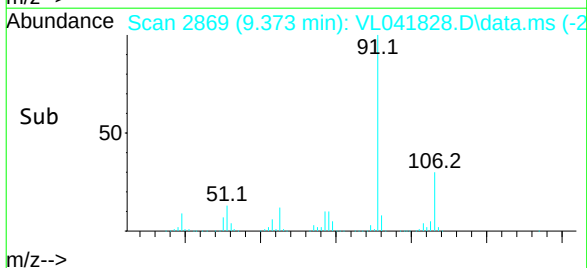
Reviewed By : Semsettin Yesilyurt 01/06/2025
Supervised By : Mahesh Dadoda 01/06/2025

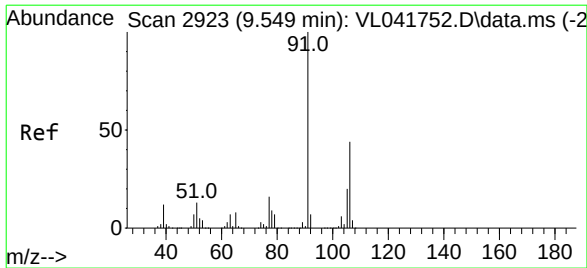


#58
Ethyl Benzene
Concen: 8.987 ppbv
RT: 9.373 min Scan# 2869
Delta R.T. 0.019 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25



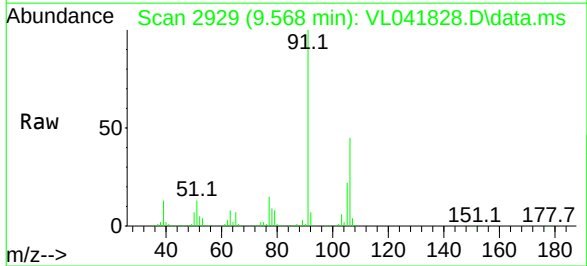
Tgt Ion: 91 Resp: 319181
Ion Ratio Lower Upper
91 100
106 30.4 23.5 35.3





#59
m/p-Xylene
Concen: 18.983 ppbv m
RT: 9.568 min Scan# 29
Delta R.T. 0.019 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

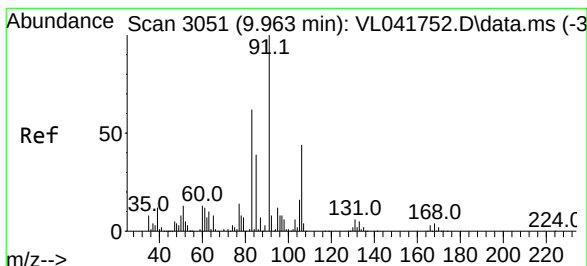
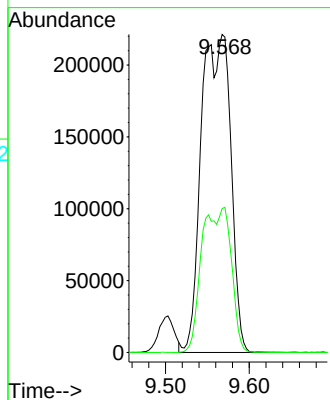
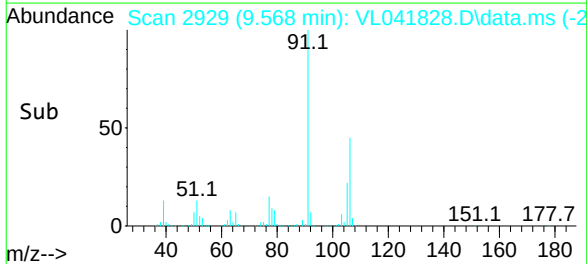
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



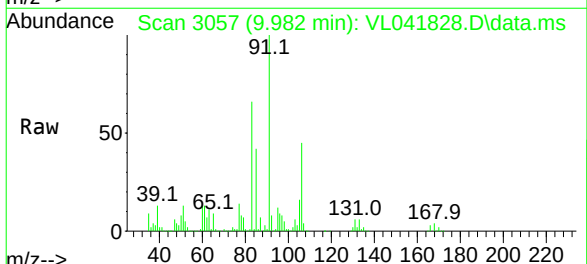
Tgt Ion: 91 Resp: 542115
Ion Ratio Lower Upper
91 100
106 45.6 0.0 0.0#

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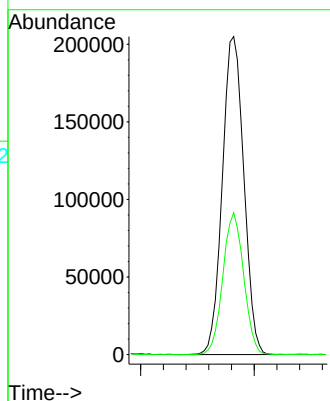
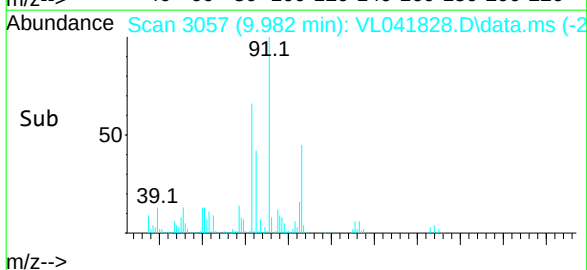
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025

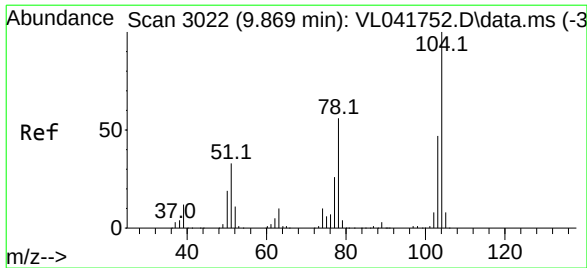


#60
o-Xylene
Concen: 9.423 ppbv
RT: 9.982 min Scan# 3057
Delta R.T. 0.019 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25



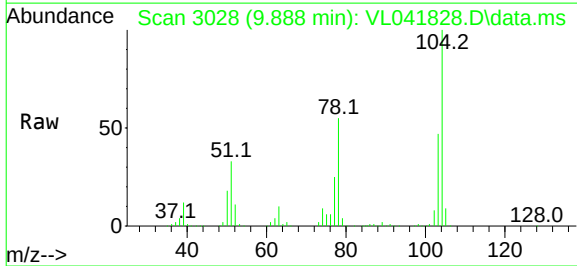
Tgt Ion: 91 Resp: 269868
Ion Ratio Lower Upper
91 100
106 43.1 21.1 63.4





#61
Styrene
Concen: 9.261 ppbv
RT: 9.888 min Scan# 3022
Delta R.T. 0.019 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

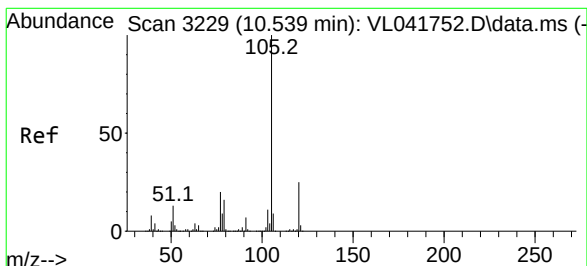
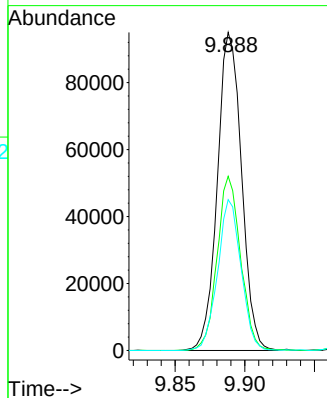
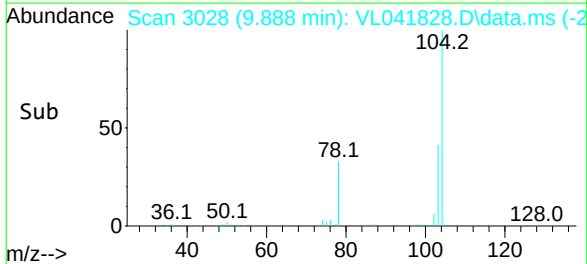
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:104 Resp: 114682
Ion Ratio Lower Upper
104 100
78 53.1 43.8 65.6
103 46.1 37.8 56.6

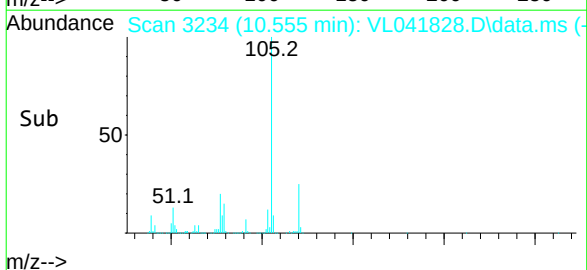
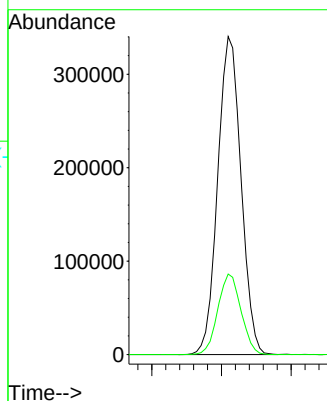
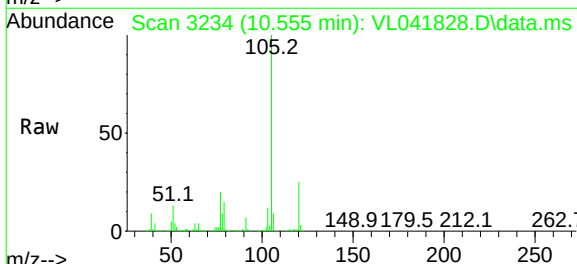
Manual Integrations
APPROVED

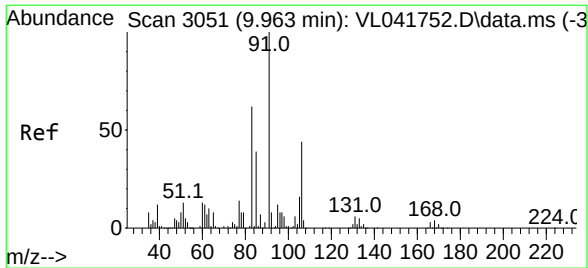
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#62
Isopropylbenzene
Concen: 9.197 ppbv
RT: 10.555 min Scan# 3234
Delta R.T. 0.016 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

Tgt Ion:105 Resp: 395709
Ion Ratio Lower Upper
105 100
120 25.1 19.8 29.8





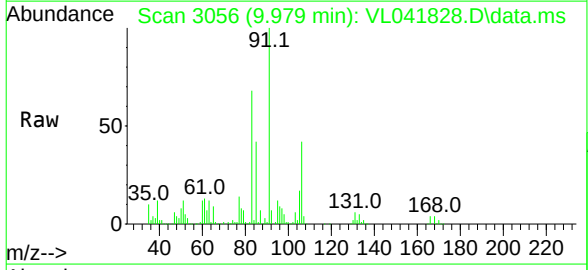
#63
1,1,2,2-Tetrachloroethane
Concen: 9.758 ppbv
RT: 9.979 min Scan# 3051
Delta R.T. 0.016 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

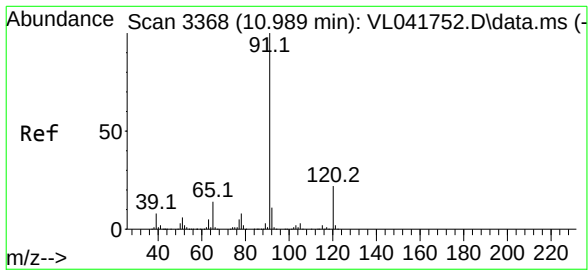
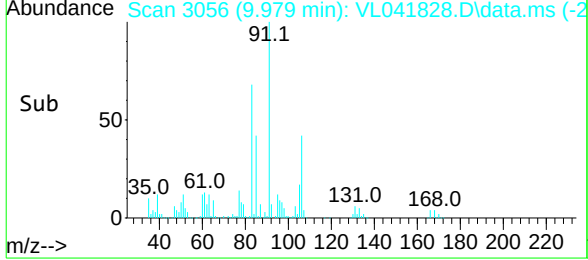
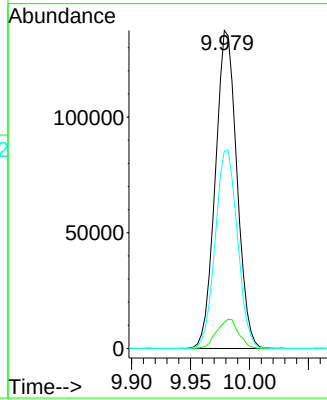


Tgt Ion:	83	Resp:	174915
Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.9	14.7
85	64.3	32.0	96.2

Manual Integrations

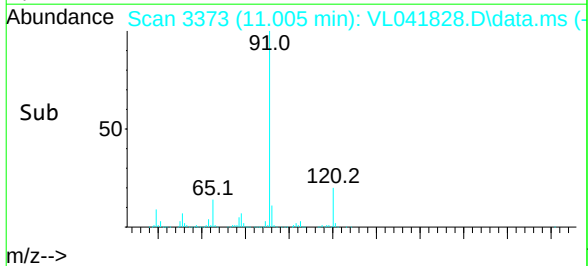
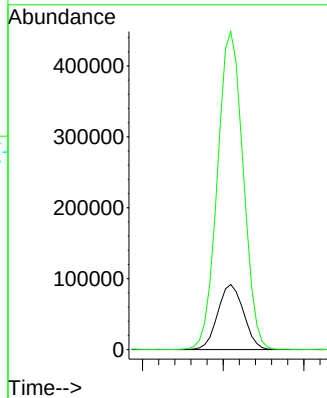
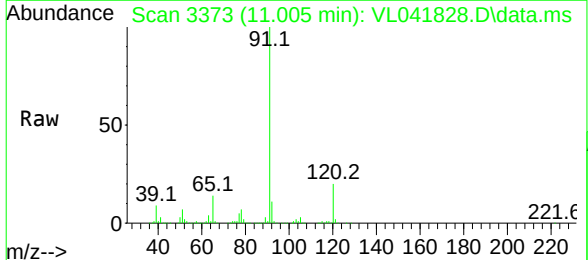
APPROVED

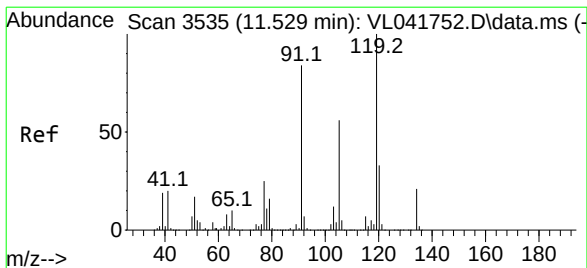
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#64
n-propylbenzene
Concen: 9.386 ppbv
RT: 11.005 min Scan# 3373
Delta R.T. 0.016 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

Tgt Ion:	120	Resp:	102103
Ion	Ratio	Lower	Upper
120	100		
91	488.7	387.3	580.9





#65

tert-Butylbenzene

Concen: 9.287 ppbv

RT: 11.545 min Scan# 3535

Delta R.T. 0.016 min

Lab File: VL041828.D

Acq: 03 Jan 2025 14:25

Instrument :

MSVOA_L

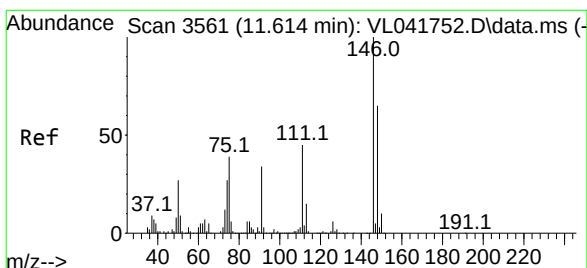
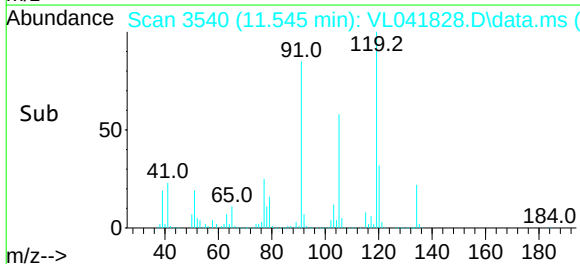
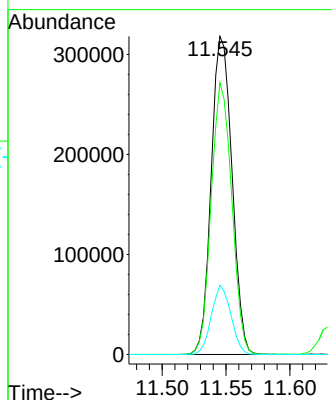
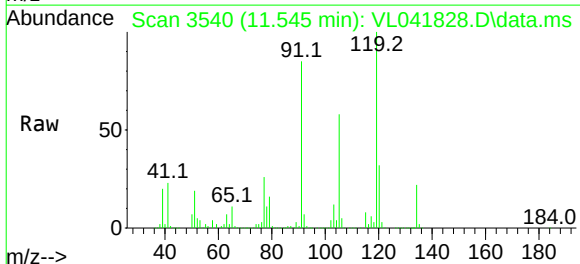
ClientSampleId :

VSTDCCC010

Tgt Ion:	119	Resp:	360527
Ion	Ratio	Lower	Upper
119	100		
91	84.6	67.0	100.4
134	20.4	16.5	24.7

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#66

Benzyl Chloride

Concen: 8.800 ppbv

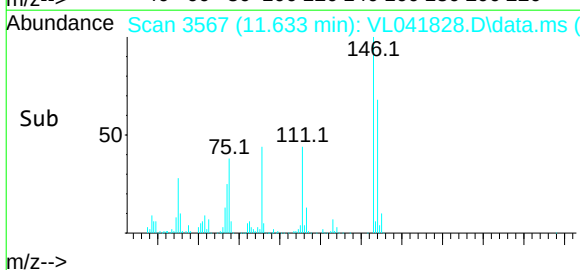
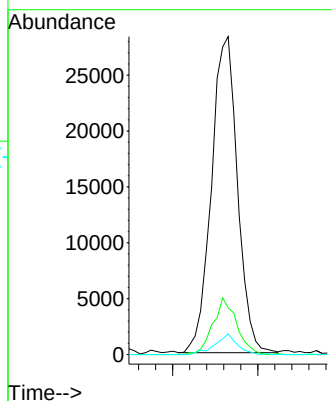
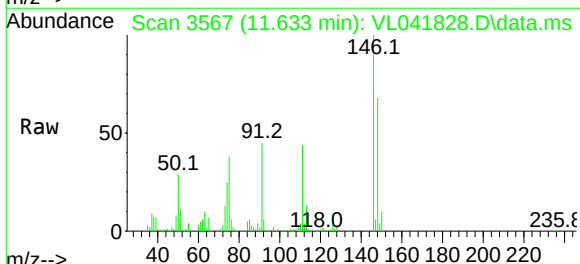
RT: 11.633 min Scan# 3567

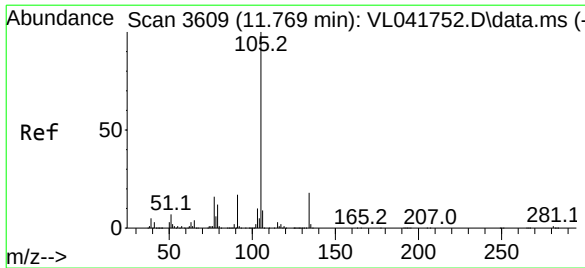
Delta R.T. 0.019 min

Lab File: VL041828.D

Acq: 03 Jan 2025 14:25

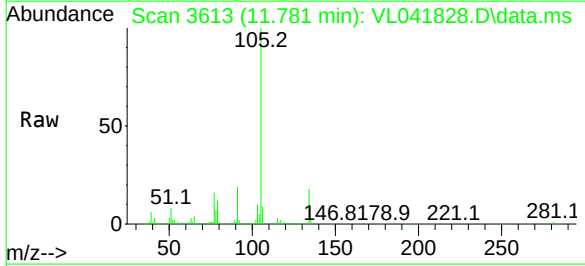
Tgt Ion:	91	Resp:	30092
Ion	Ratio	Lower	Upper
91	100		
126	16.4	13.9	20.9
128	5.6	4.4	6.6





#67
 sec-Butylbenzene
 Concen: 9.528 ppbv
 RT: 11.781 min Scan# 3609
 Delta R.T. 0.013 min
 Lab File: VL041828.D
 Acq: 03 Jan 2025 14:25

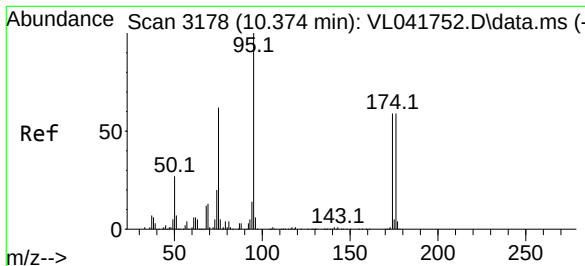
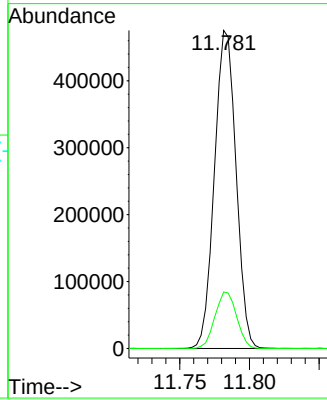
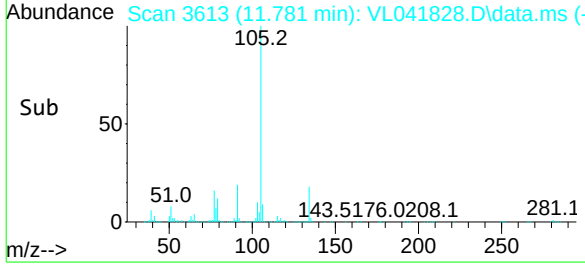
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 105 Resp: 511842
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.5 21.7

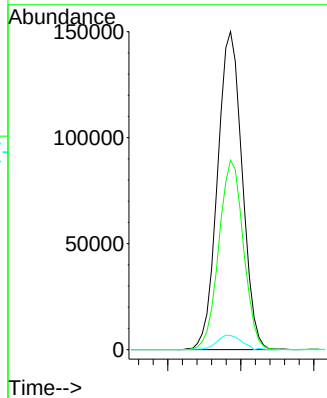
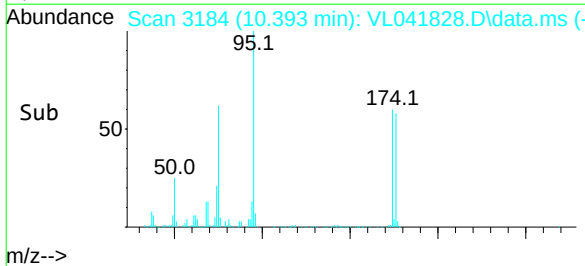
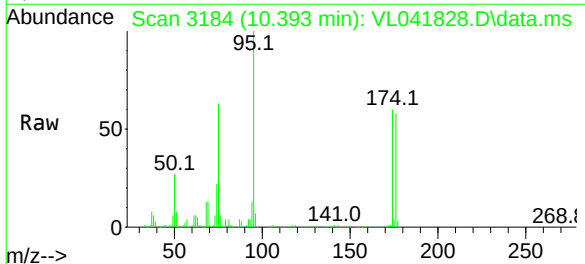
Manual Integrations
 APPROVED

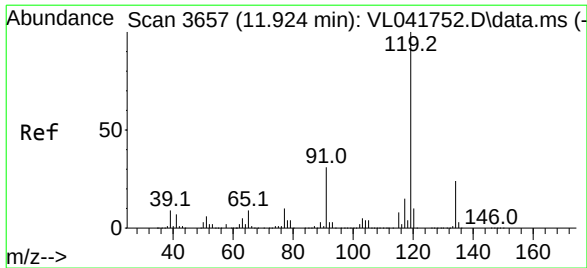
Reviewed By : Semsettin Yesilyurt 01/06/2025
 Supervised By : Mahesh Dadoda 01/06/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.688 ppbv
 RT: 10.393 min Scan# 3184
 Delta R.T. 0.019 min
 Lab File: VL041828.D
 Acq: 03 Jan 2025 14:25

Tgt Ion: 95 Resp: 175707
 Ion Ratio Lower Upper
 95 100
 174 59.5 47.6 71.4
 175 4.6 3.7 5.5





#69

p-Isopropyltoluene

Concen: 9.531 ppbv

RT: 11.940 min Scan# 3657

Delta R.T. 0.016 min

Lab File: VL041828.D

Acq: 03 Jan 2025 14:25

Instrument :

MSVOA_L

ClientSampleId :

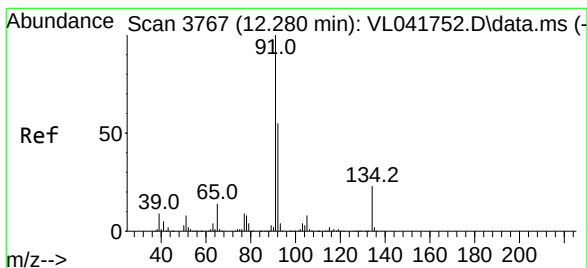
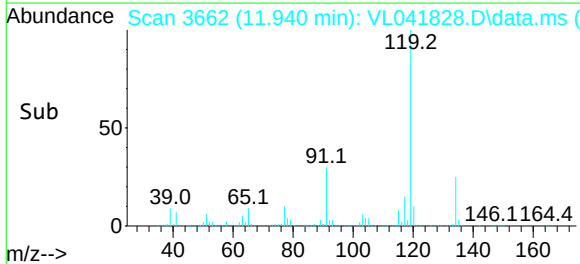
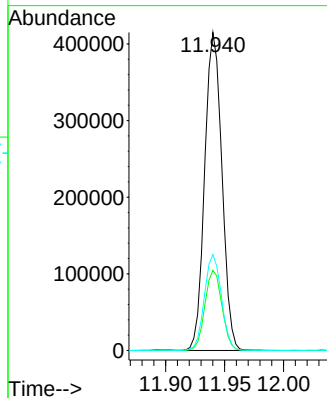
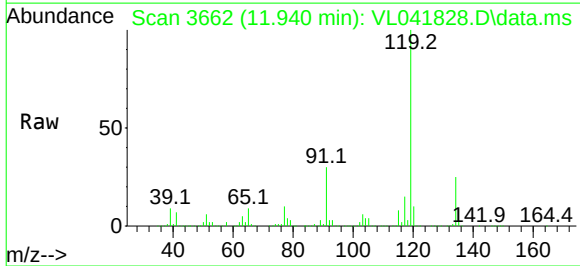
VSTDCCC010

Tgt Ion:	119	Resp:	421948
Ion	Ratio	Lower	Upper
119	100		
134	25.0	19.6	29.4
91	30.0	24.4	36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#70

n-Butylbenzene

Concen: 9.723 ppbv

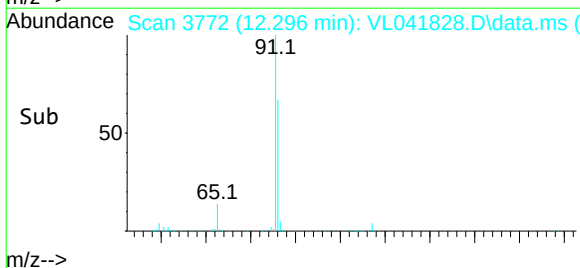
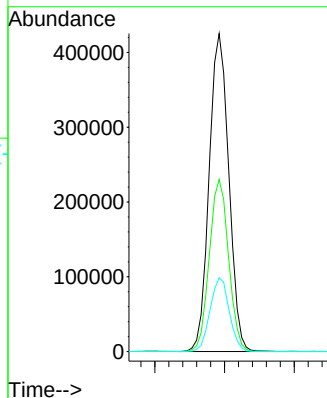
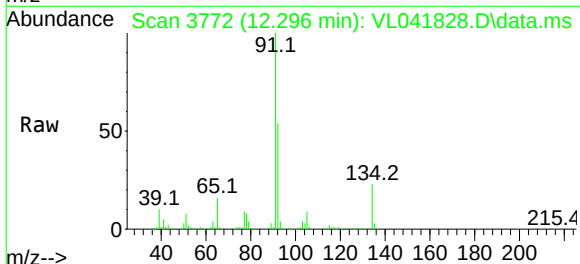
RT: 12.296 min Scan# 3772

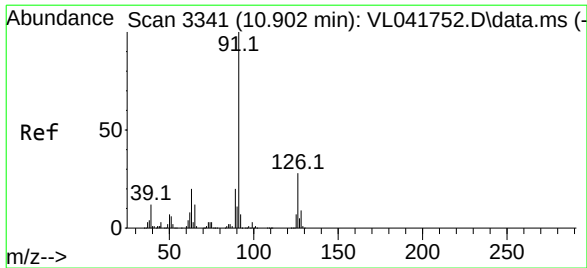
Delta R.T. 0.016 min

Lab File: VL041828.D

Acq: 03 Jan 2025 14:25

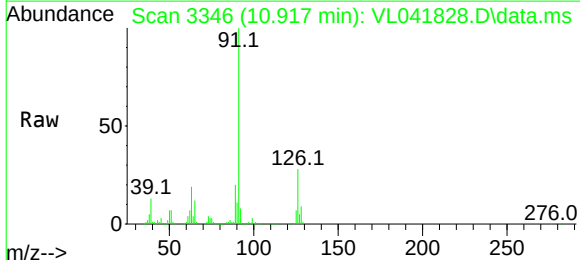
Tgt Ion:	91	Resp:	415898
Ion	Ratio	Lower	Upper
91	100		
92	53.3	43.2	64.8
134	22.7	18.2	27.4





#71
2-Chlorotoluene
Concen: 9.116 ppbv
RT: 10.917 min Scan# 3341
Delta R.T. 0.016 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

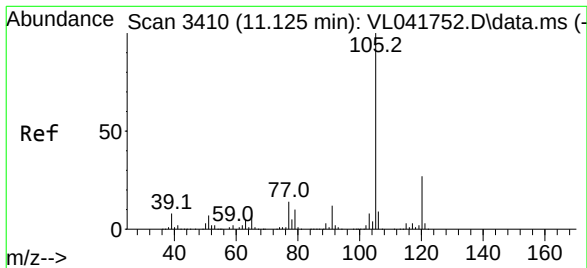
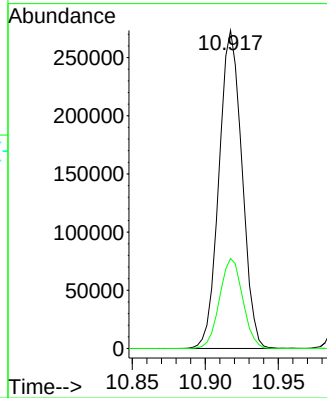
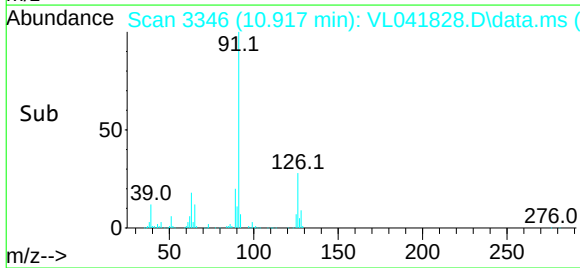
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



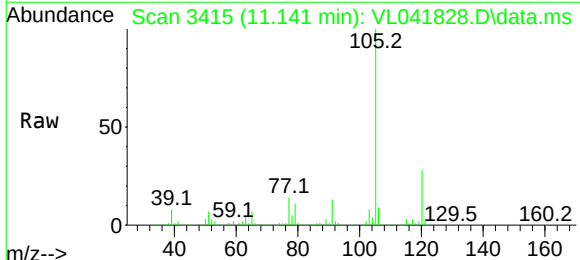
Tgt Ion: 91 Resp: 299381
Ion Ratio Lower Upper
91 100
126 28.5 11.6 46.4

Manual Integrations
APPROVED

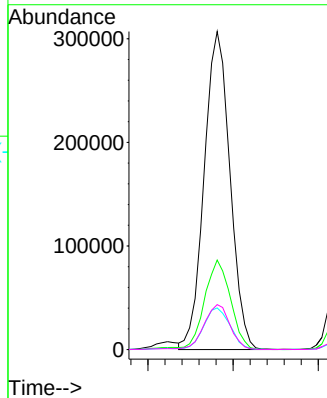
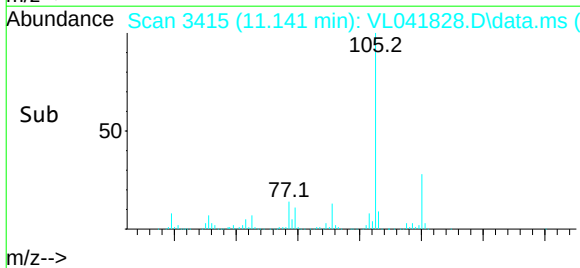
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025

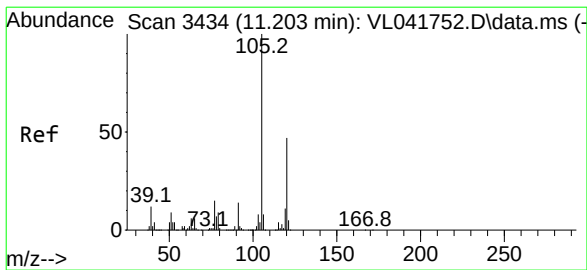


#72
4-Ethyltoluene
Concen: 9.564 ppbv
RT: 11.141 min Scan# 3415
Delta R.T. 0.016 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25



Tgt Ion:105 Resp: 323292
Ion Ratio Lower Upper
105 100
120 28.8 23.3 34.9
91 14.0 10.9 16.3
77 14.6 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 9.966 ppbv

RT: 11.218 min Scan# 34

Delta R.T. 0.016 min

Lab File: VL041828.D

Acq: 03 Jan 2025 14:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 279499

Ion Ratio Lower Upper

105 100

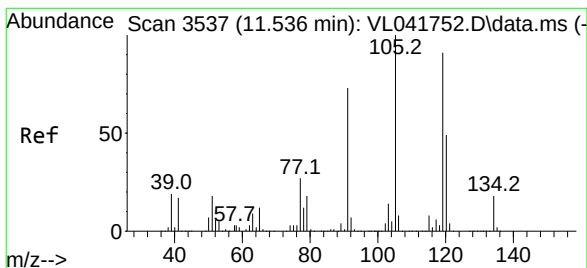
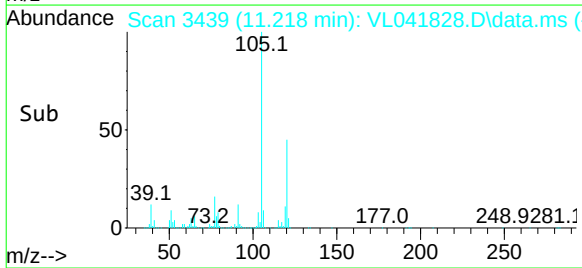
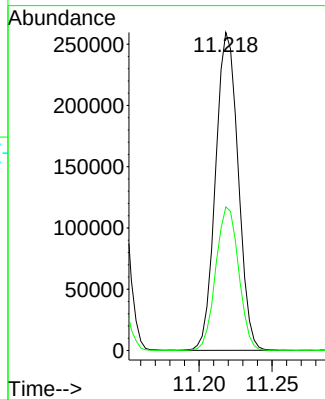
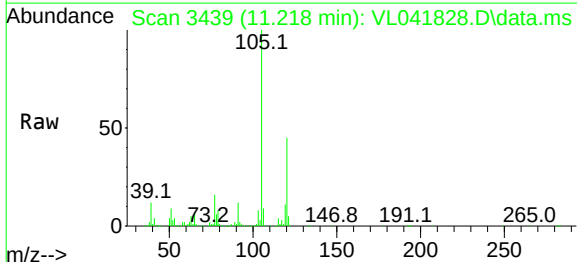
120 45.1 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/06/2025

Supervised By :Mahesh Dadoda 01/06/2025



#74

1,2,4-Trimethylbenzene

Concen: 10.262 ppbv

RT: 11.552 min Scan# 3542

Delta R.T. 0.016 min

Lab File: VL041828.D

Acq: 03 Jan 2025 14:25

Tgt Ion:105 Resp: 309494

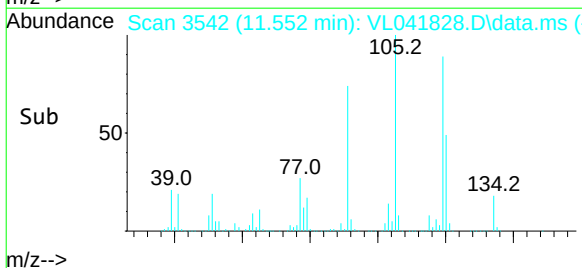
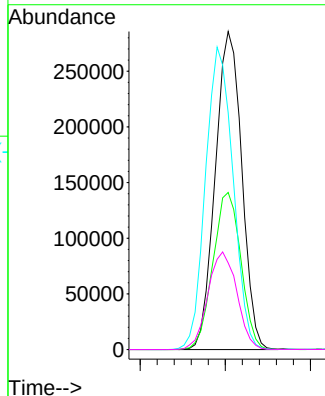
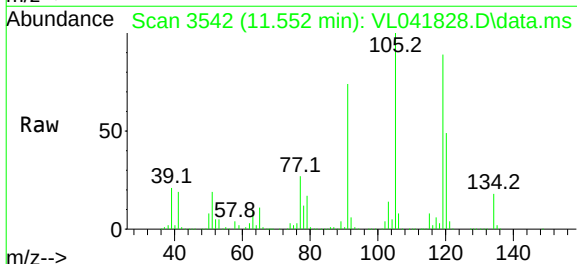
Ion Ratio Lower Upper

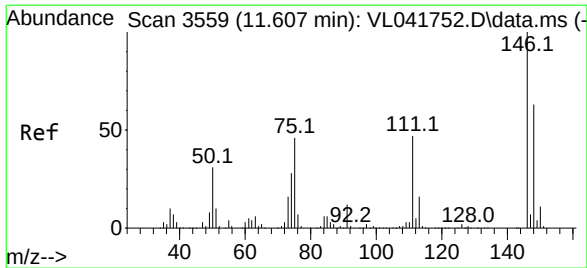
105 100

120 49.3 39.0 58.4

91 74.5 58.1 87.1

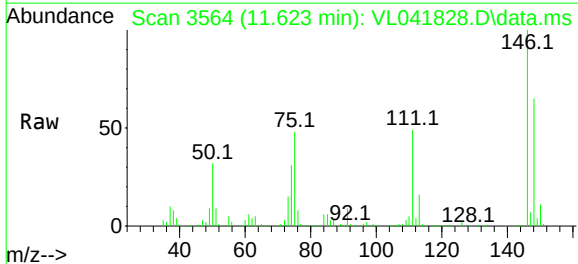
77 27.2 21.8 32.8





#75
1,3-Dichlorobenzene
Concen: 9.248 ppbv
RT: 11.623 min Scan# 3559
Delta R.T. 0.016 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25

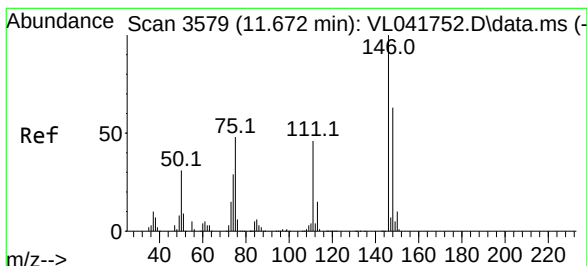
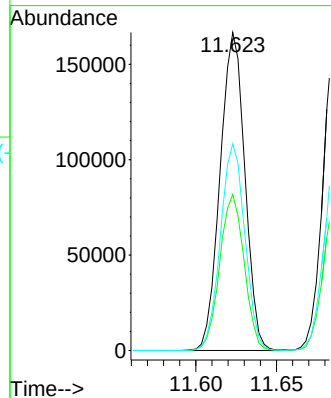
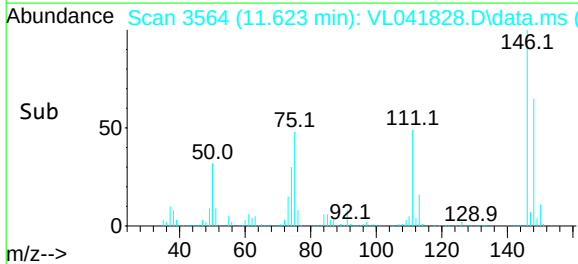
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



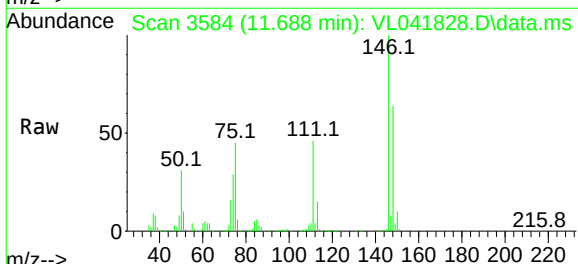
Tgt Ion:146 Resp: 177816
Ion Ratio Lower Upper
146 100
111 48.3 23.4 70.3
148 64.2 31.6 95.0

Manual Integrations
APPROVED

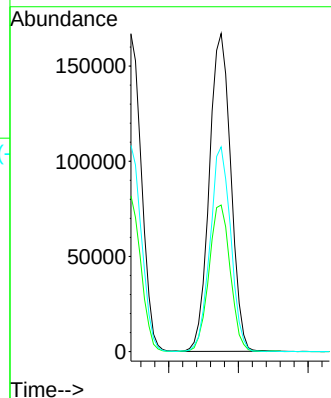
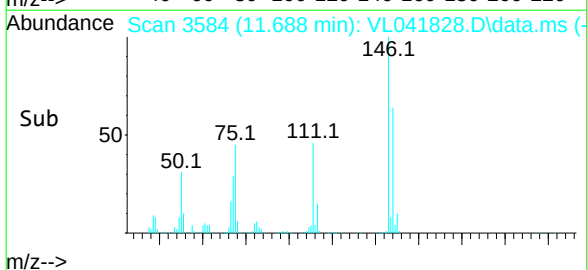
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025

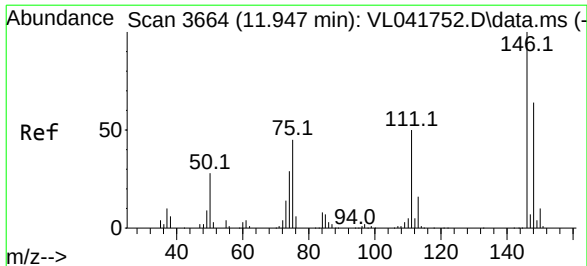


#76
1,4-Dichlorobenzene
Concen: 9.435 ppbv
RT: 11.688 min Scan# 3584
Delta R.T. 0.016 min
Lab File: VL041828.D
Acq: 03 Jan 2025 14:25



Tgt Ion:146 Resp: 179214
Ion Ratio Lower Upper
146 100
111 45.9 22.7 68.1
148 62.1 31.4 94.0





#77

1,2-Dichlorobenzene

Concen: 9.223 ppbv

RT: 11.963 min Scan# 3664

Delta R.T. 0.016 min

Lab File: VL041828.D

Acq: 03 Jan 2025 14:25

Instrument :

MSVOA_L

ClientSampleId :

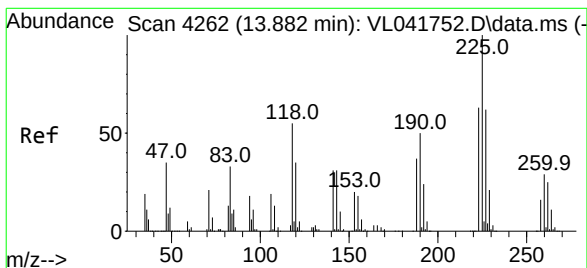
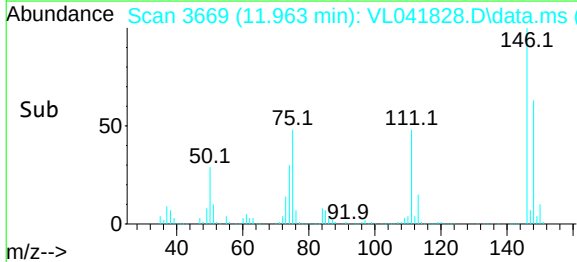
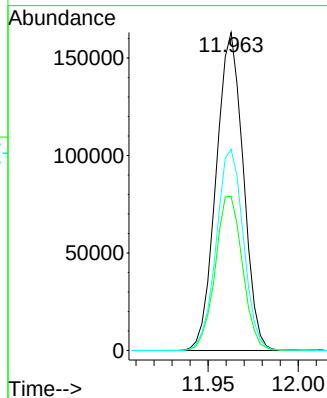
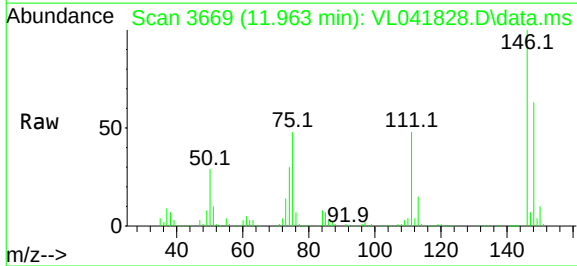
VSTDCCC010

Tgt Ion:	146	Resp:	170641
Ion Ratio	Lower	Upper	
146	100		
111	48.9	24.8	74.3
148	63.5	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#78

Hexachloro-1,3-Butadiene

Concen: 7.253 ppbv

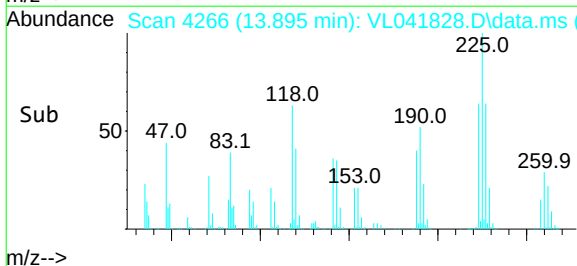
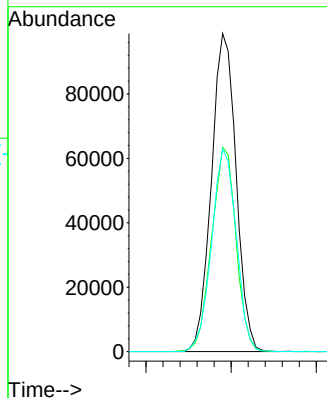
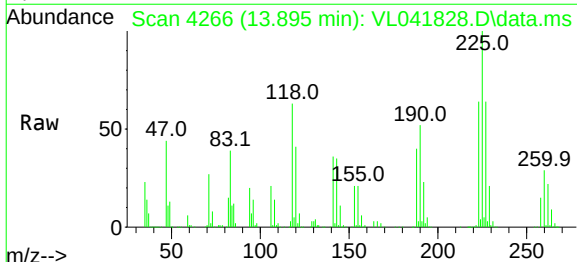
RT: 13.895 min Scan# 4266

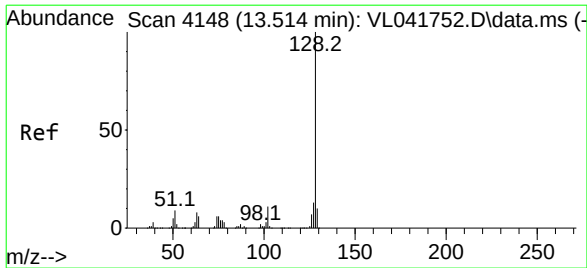
Delta R.T. 0.013 min

Lab File: VL041828.D

Acq: 03 Jan 2025 14:25

Tgt Ion:	225	Resp:	99498
Ion Ratio	Lower	Upper	
225	100		
223	63.5	50.5	75.7
227	63.7	50.3	75.5





#79

Naphthalene

Concen: 10.156 ppbv

RT: 13.529 min Scan# 4148

Delta R.T. 0.016 min

Lab File: VL041828.D

Acq: 03 Jan 2025 14:25

Instrument :

MSVOA_L

ClientSampleId :

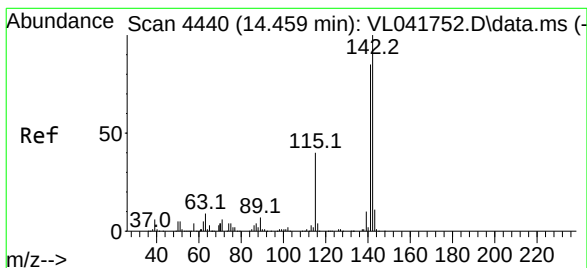
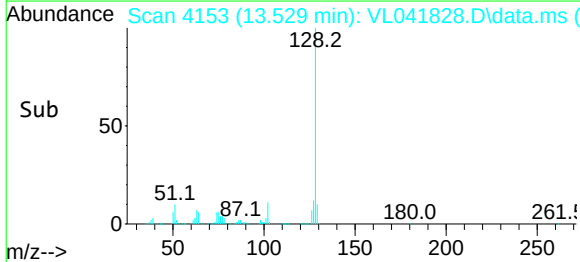
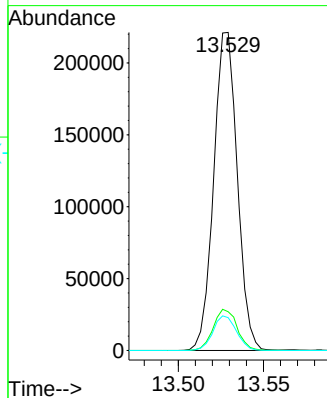
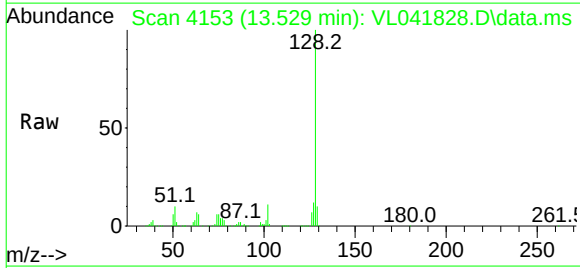
VSTDCCC010

Tgt Ion:	128	Resp:	213428
Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.7	16.1
129	10.3	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#80

Naphthalene, 2-methyl-

Concen: 13.146 ppbv

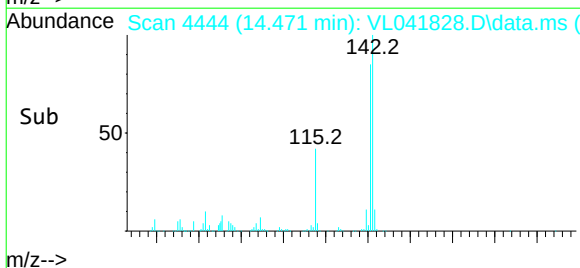
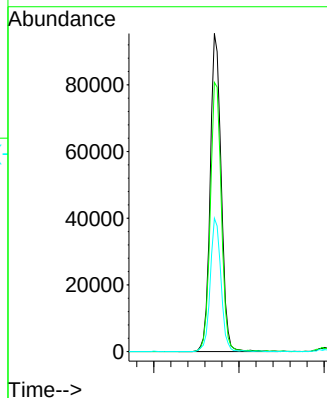
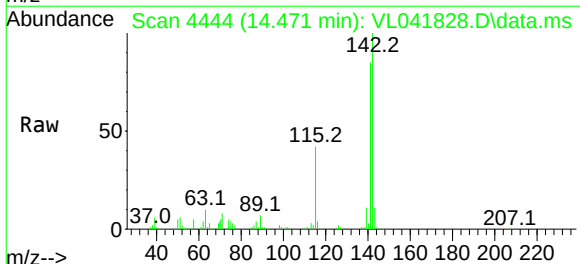
RT: 14.471 min Scan# 4444

Delta R.T. 0.013 min

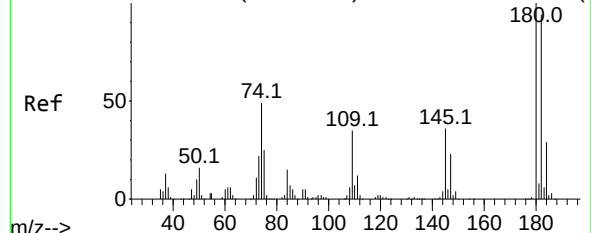
Lab File: VL041828.D

Acq: 03 Jan 2025 14:25

Tgt Ion:	142	Resp:	85446
Ion	Ratio	Lower	Upper
142	100		
141	85.1	68.4	102.6
115	41.0	32.5	48.7



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



#81

1,2,4-Trichlorobenzene

Concen: 8.760 ppbv

RT: 13.455 min Scan# 41

Delta R.T. 0.016 min

Lab File: VL041828.D

Acq: 03 Jan 2025 14:25

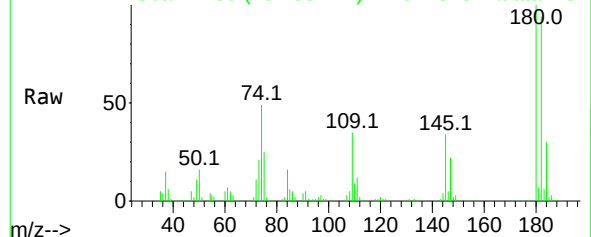
Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Abundance Scan 4130 (13.455 min): VL041828.D\data.ms (-



Tgt Ion:180 Resp: 100592

Ion Ratio Lower Upper

180 100

182 94.7 77.0 115.6

184 29.7 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/06/2025

Supervised By :Mahesh Dadoda 01/06/2025

Abundance Scan 4130 (13.455 min): VL041828.D\data.ms (-

