

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010325\
 Data File : VL041835.D
 Acq On : 03 Jan 2025 20:18
 Operator : SY/MD
 Sample : VL0103ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0103ABS01

Quant Time: Jan 03 20:46:57 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	2.803	49	85315	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	3.981	114	202909	10.000	ppbv	0.03
55) Chlorobenzene-d5	8.904	117	176917	10.000	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.393 95 153428 10.407 ppbv 0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 104.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.505	85	109361	7.204	ppbv	96
3) Chlorodifluoromethane	1.483	51	128198	9.214	ppbv	99
4) Chloromethane	1.538	50	53236	8.963	ppbv	100
5) Vinyl Chloride	1.586	62	50986	8.520	ppbv	98
6) Bromomethane	1.674	94	24129	8.544	ppbv	97
7) Chloroethane	1.712	64	20273	8.721	ppbv	98
8) Dichlorotetrafluoroethane	1.560	85	116328	8.561	ppbv	95
9) Propene	1.489	41	46179	7.658	ppbv	98
10) Heptane	5.011	43	135222	8.730	ppbv	99
11) Trichlorofluoromethane	1.884	101	136615	8.472	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.149	101	102983	8.397	ppbv	97
13) Ethanol	1.751	45	4280m	8.571	ppbv	
14) Bromoethene	1.790	108	34390	8.306	ppbv	97
15) Acetone	1.852	43	134928	8.128	ppbv	98
16) 1,3-Butadiene	1.615	39	56888	8.703	ppbv	97
17) tert-Butyl alcohol	2.062	59	143769	8.730	ppbv	99
18) 1,1-Dichloroethene	2.043	96	42000	8.169	ppbv	93
19) Isopropyl Alcohol	1.913	45	75903	7.620	ppbv #	38
20) Methylene Chloride	2.072	84	39545	8.355	ppbv	97
21) Allyl Chloride	2.107	41	82649	9.180	ppbv	99
22) trans-1,2-Dichloroethene	2.353	96	48293	8.205	ppbv	95
23) Vinyl Acetate	2.476	43	61568	7.988	ppbv #	96
24) 1,1-Dichloroethane	2.421	63	104178	8.744	ppbv	99
25) Ethyl Acetate	2.855	43	282202	9.139	ppbv	100
26) Hexane	2.842	57	102267	8.727	ppbv	93
27) Carbon Disulfide	2.162	76	92899	8.797	ppbv	95
28) Methyl tert-Butyl Ether	2.454	73	71880	7.561	ppbv	99
29) Chloroform	2.865	83	163652	9.164	ppbv	99
30) Cyclohexane	3.878	84	82369	8.261	ppbv	98
31) cis-1,2-Dichloroethene	2.735	61	100390	8.290	ppbv	97
32) 1,1,1-Trichloroethane	3.389	97	153995	8.482	ppbv	98
34) 2-Butanone	2.577	43	165937	10.165	ppbv	98
35) Carbon Tetrachloride	3.784	117	157638	10.944	ppbv	99
36) Benzene	3.680	78	203910	9.715	ppbv	97
37) 1,2-Dichloroethane	3.237	62	129207	9.893	ppbv	99
38) Trichloroethene	4.577	130	77098	8.653	ppbv	95
39) 1,2-Dichloropropane	4.341	63	75612	9.961	ppbv	94
40) 1,4-Dioxane	4.648	88	36680	9.891	ppbv #	1
41) Tetrahydrofuran	3.078	42	89599	9.797	ppbv	96
42) Bromodichloromethane	4.519	83	159617	10.624	ppbv	99
43) Methyl Methacrylate	4.914	69	75503	9.441	ppbv	99
44) 2,2,4-Trimethylpentane	4.671	57	371479	10.364	ppbv	99
45) t-1,3-Dichloropropene	6.448	75	71943	8.697	ppbv	94

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 Data File : VL041835.D
 Acq On : 03 Jan 2025 20:18
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 Sample : VL0103ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0103ABS01

Manual Integrations
 APPROVED

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

Quant Time: Jan 03 20:46:57 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	5.639	75	97720	9.306	ppbv	99
47) 1,1,2-Trichloroethane	6.616	97	78509	9.902	ppbv	91
48) Dibromochloromethane	7.415	129	115064	10.628	ppbv	100
49) Bromoform	9.503	173	95248	10.747	ppbv	99
50) 4-Methyl-2-Pentanone	5.794	43	221086	9.947	ppbv	98
51) 2-Hexanone	7.467	43	175224	9.726	ppbv #	96
52) Tetrachloroethene	8.247	164	66177	8.471	ppbv	97
53) Toluene	6.966	91	215409	9.052	ppbv	99
54) 1,2-Dibromoethane	7.681	107	106038	9.706	ppbv	97
56) 1,1,1,2-Tetrachloroethane	8.946	131	99893	10.651	ppbv	98
57) Chlorobenzene	8.943	112	183009	10.109	ppbv	96
58) Ethyl Benzene	9.374	91	309782	9.726	ppbv	100
59) m/p-Xylene	9.571	91	527847m	20.611	ppbv	
60) o-Xylene	9.985	91	263040	10.242	ppbv	98
61) Styrene	9.891	104	110567	9.956	ppbv	98
62) Isopropylbenzene	10.558	105	385547	9.992	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.982	83	172629	10.739	ppbv	100
64) n-propylbenzene	11.008	120	101153	10.369	ppbv	99
65) tert-Butylbenzene	11.549	119	347070	9.970	ppbv	99
66) Benzyl Chloride	11.633	91	27123	8.845	ppbv	97
67) sec-Butylbenzene	11.785	105	497384	10.325	ppbv	99
69) p-Isopropyltoluene	11.944	119	406259	10.233	ppbv	99
70) n-Butylbenzene	12.296	91	405788	10.579	ppbv	98
71) 2-Chlorotoluene	10.921	91	294703	10.006	ppbv	99
72) 4-Ethyltoluene	11.144	105	315873	10.420	ppbv	99
73) 1,3,5-Trimethylbenzene	11.222	105	268602	10.680	ppbv	100
74) 1,2,4-Trimethylbenzene	11.555	105	299293	11.066	ppbv	93
75) 1,3-Dichlorobenzene	11.626	146	174003	10.091	ppbv	99
76) 1,4-Dichlorobenzene	11.688	146	174075	10.219	ppbv	97
77) 1,2-Dichlorobenzene	11.963	146	168563	10.159	ppbv	99
78) Hexachloro-1,3-Butadiene	13.898	225	98307	7.991	ppbv	99
79) Naphthalene	13.529	128	207867	11.030	ppbv	100
80) Naphthalene,2-methyl-	14.475	142	79796	13.690	ppbv	98
81) 1,2,4-Trichlorobenzene	13.458	180	98074	9.524	ppbv	98

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

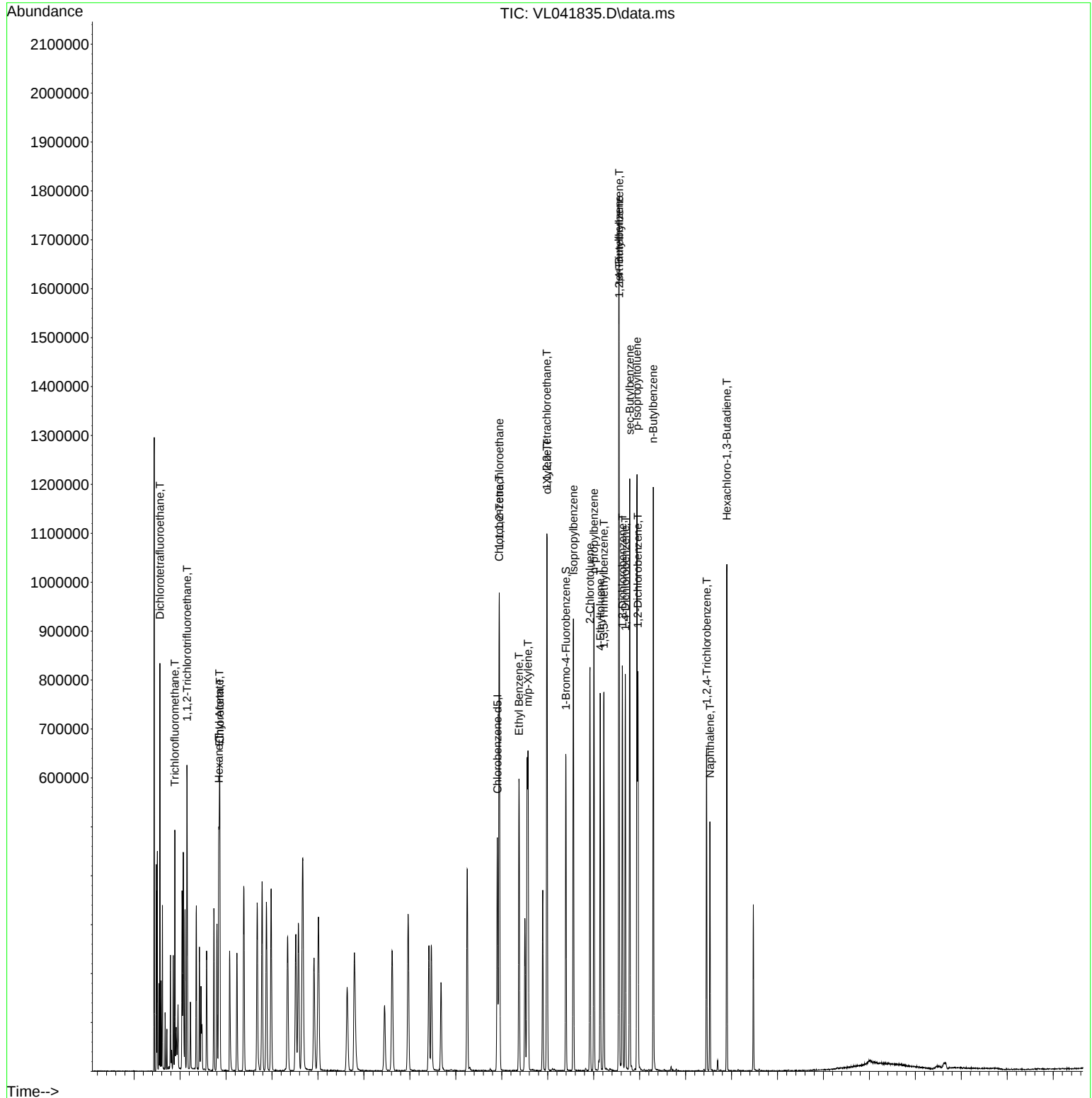
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010325\
Data File : VL041835.D
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ALS Vial : 1 Sample Multiplier: 1

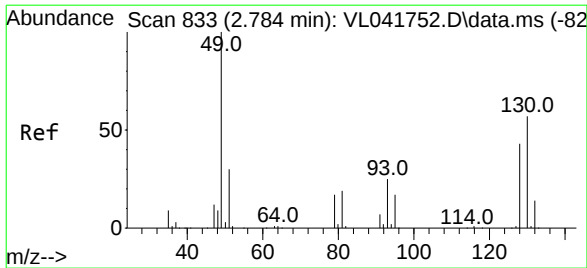
Instrument :
MSVOA_L
ClientSampleId :
VL0103ABS01

Quant Time: Jan 03 20:46:57 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
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Manual Integrations
APPROVED

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





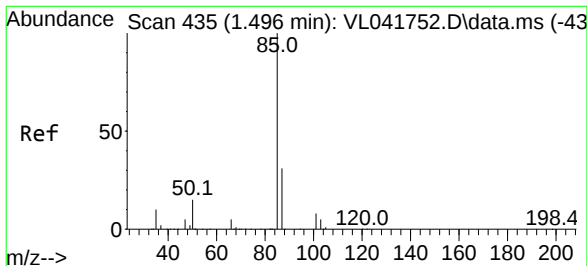
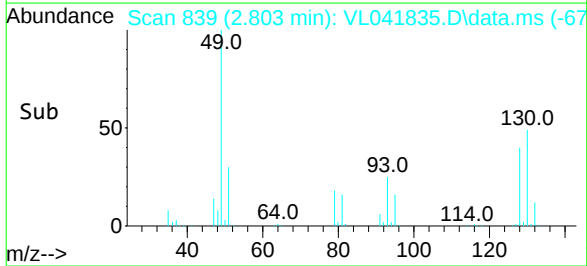
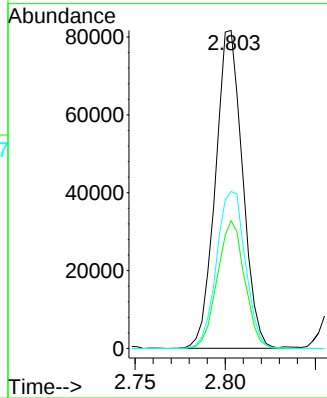
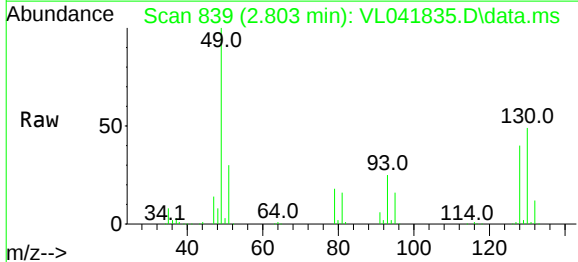
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.803 min Scan# 833
Delta R.T. 0.019 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

Instrument :
MSVOA_L
ClientSampleId :
VL0103ABS01

Tgt Ion	Ratio	Lower	Upper
49	100		
128	40.3	21.6	64.6
130	52.6	28.3	85.0

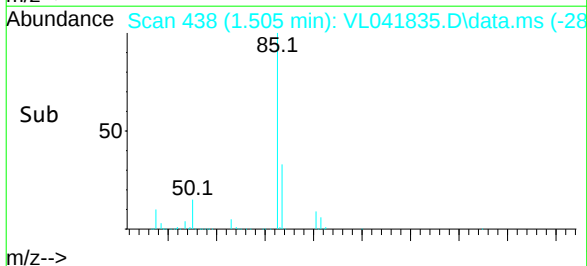
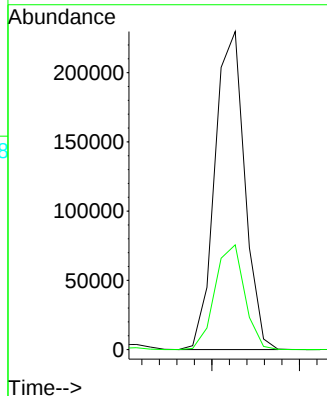
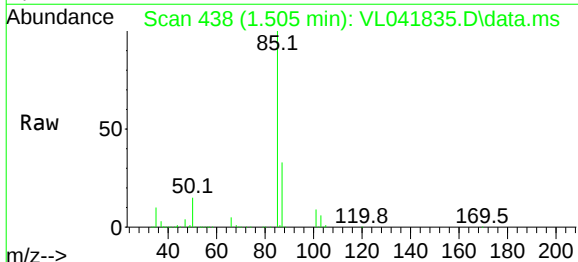
Manual Integrations
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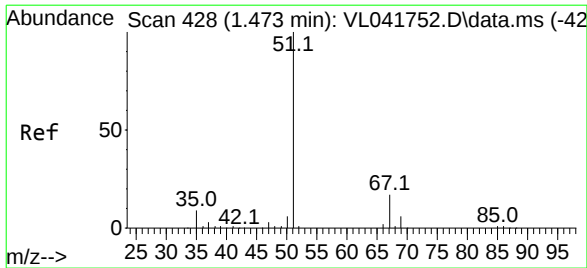
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#2
Dichlorodifluoromethane
Concen: 7.204 ppbv
RT: 1.505 min Scan# 438
Delta R.T. 0.009 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.9	24.5	36.7





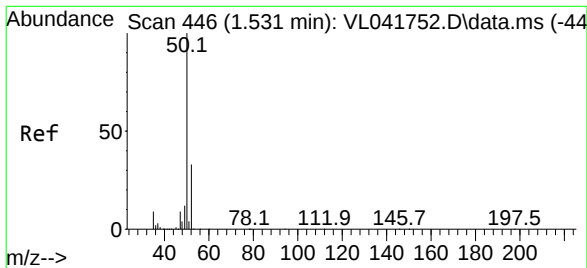
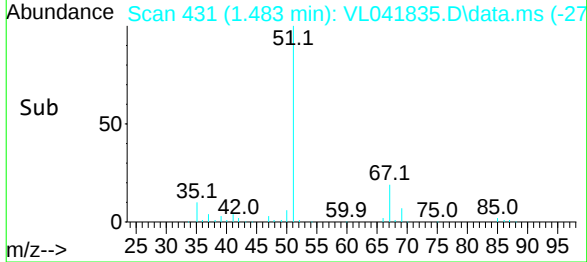
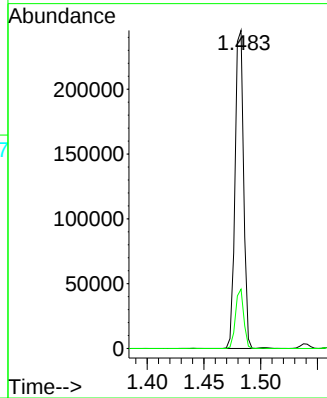
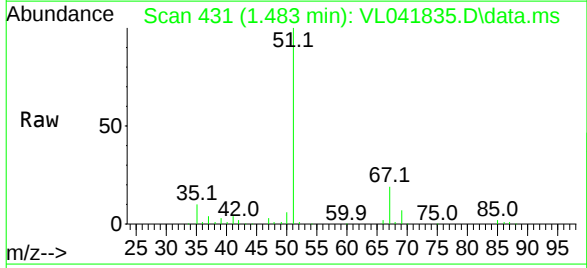
#3
Chlorodifluoromethane
Concen: 9.214 ppbv
RT: 1.483 min Scan# 431
Delta R.T. 0.009 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

Instrument :
MSVOA_L
ClientSampleId :
VL0103ABS01

Tgt Ion: 51 Resp: 128198
Ion Ratio Lower Upper
51 100
67 18.1 15.0 22.4

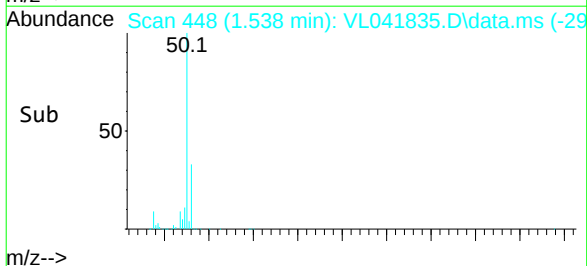
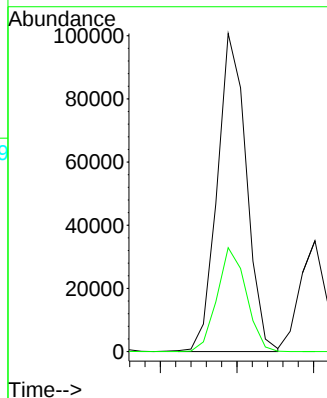
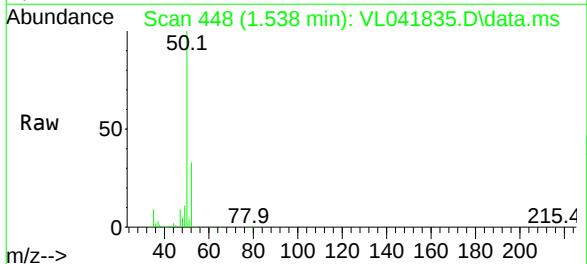
Manual Integrations
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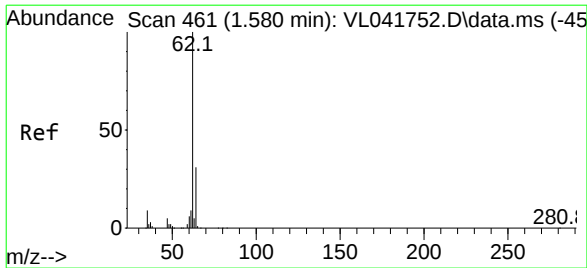
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#4
Chloromethane
Concen: 8.963 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.006 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

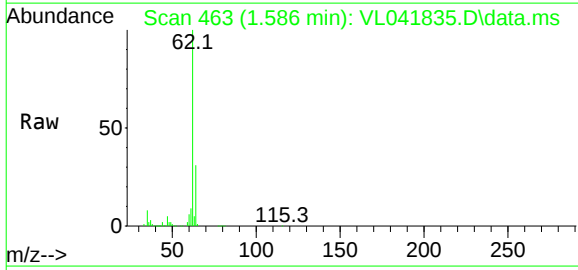
Tgt Ion: 50 Resp: 53236
Ion Ratio Lower Upper
50 100
52 32.8 26.2 39.2





#5
 Vinyl Chloride
 Concen: 8.520 ppbv
 RT: 1.586 min Scan# 461
 Delta R.T. 0.006 min
 Lab File: VL041835.D
 Acq: 03 Jan 2025 20:18

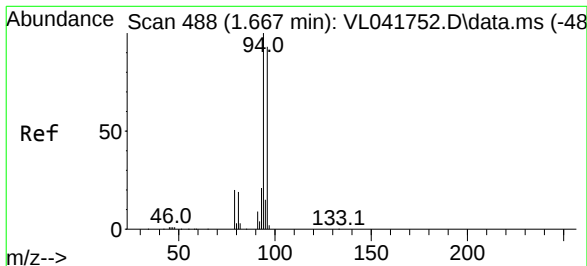
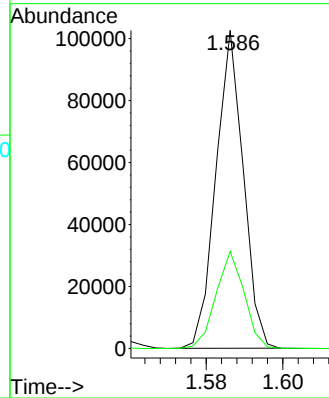
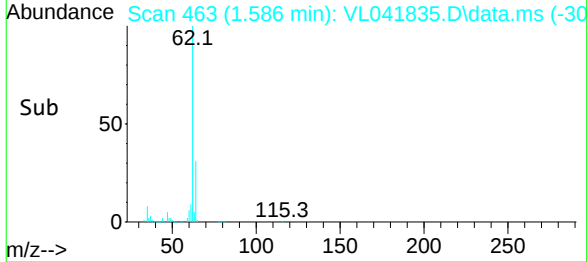
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0103ABS01



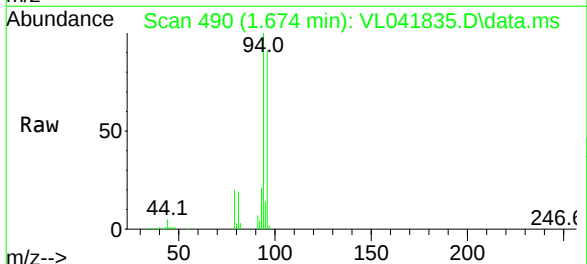
Tgt Ion: 62 Resp: 50986
 Ion Ratio Lower Upper
 62 100
 64 30.5 25.1 37.7

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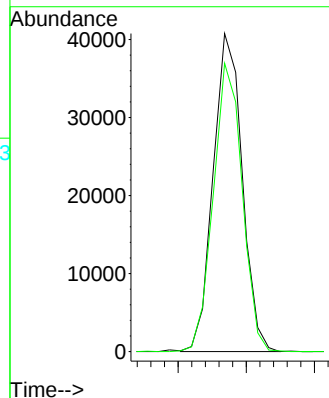
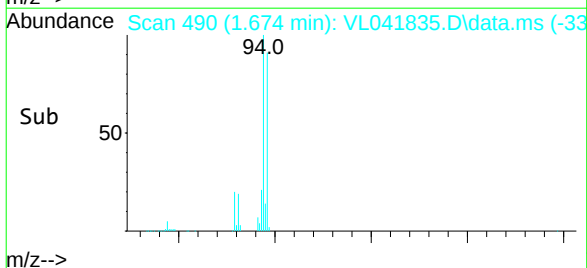
Reviewed By :Semsettin Yesilyurt 01/06/2025
 Supervised By :Mahesh Dadoda 01/06/2025

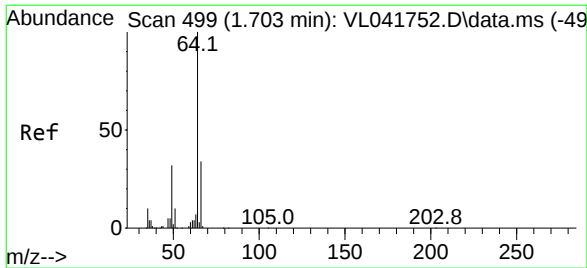


#6
 Bromomethane
 Concen: 8.544 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. 0.006 min
 Lab File: VL041835.D
 Acq: 03 Jan 2025 20:18



Tgt Ion: 94 Resp: 24129
 Ion Ratio Lower Upper
 94 100
 96 90.4 74.7 112.1





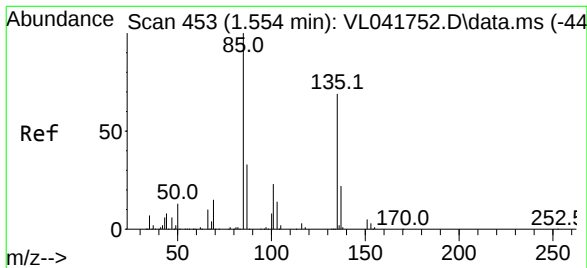
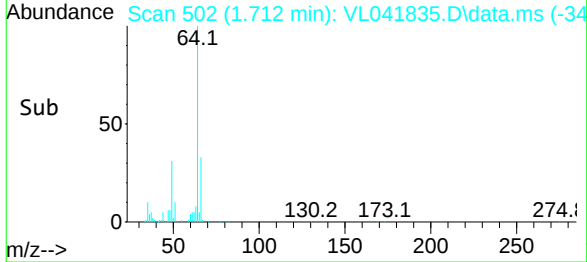
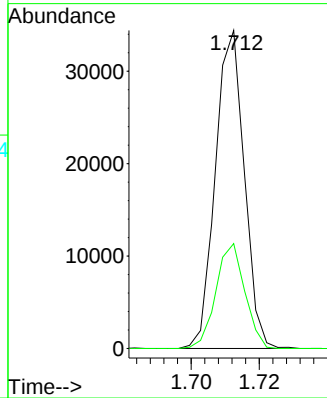
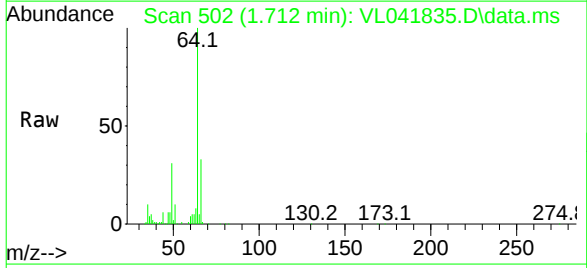
#7
Chloroethane
Concen: 8.721 ppbv
RT: 1.712 min Scan# 501
Delta R.T. 0.009 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

Instrument :
MSVOA_L
ClientSampleId :
VL0103ABS01

Tgt Ion: 64 Resp: 20273
Ion Ratio Lower Upper
64 100
66 33.0 27.5 41.3

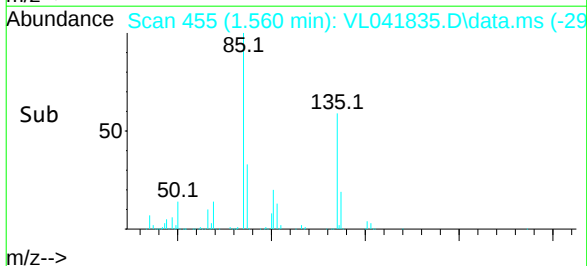
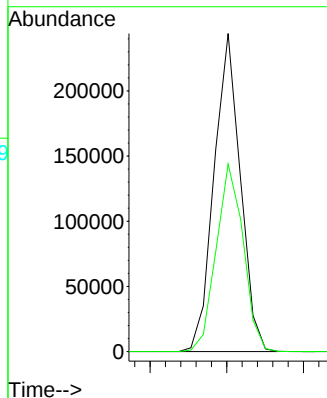
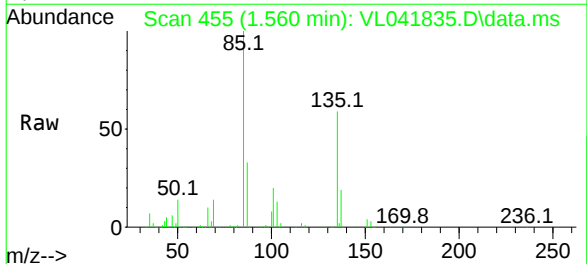
Manual Integrations
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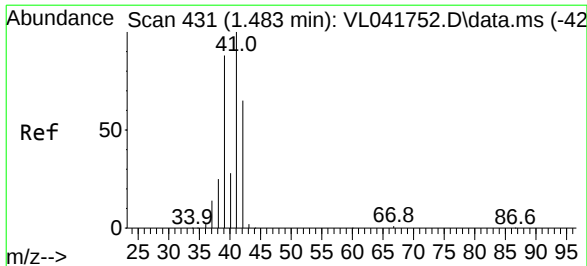
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#8
Dichlorotetrafluoroethane
Concen: 8.561 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.006 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

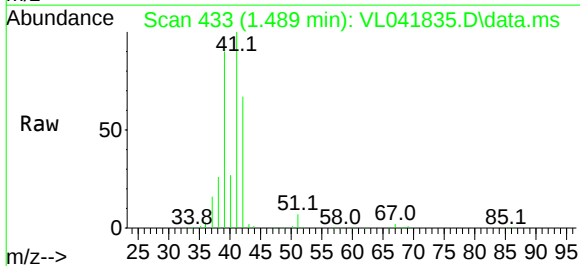
Tgt Ion: 85 Resp: 116328
Ion Ratio Lower Upper
85 100
135 60.7 51.9 77.9





#9
Propene
Concen: 7.658 ppbv
RT: 1.489 min Scan# 431
Delta R.T. 0.006 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

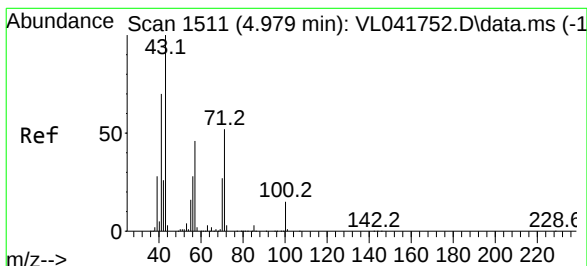
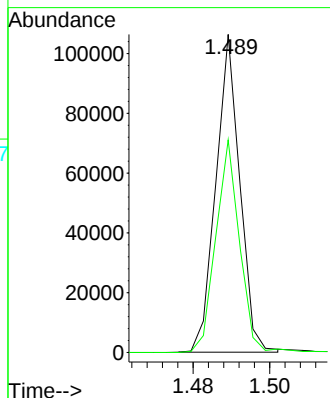
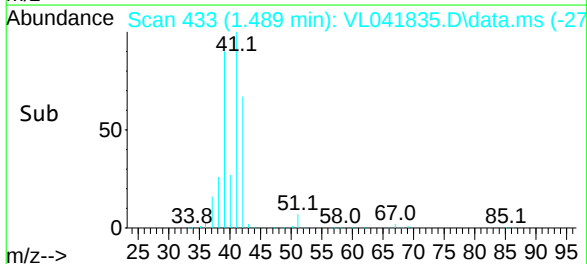
Instrument :
MSVOA_L
ClientSampleId :
VL0103ABS01



Tgt Ion: 41 Resp: 46179
Ion Ratio Lower Upper
41 100
42 67.0 52.4 78.6

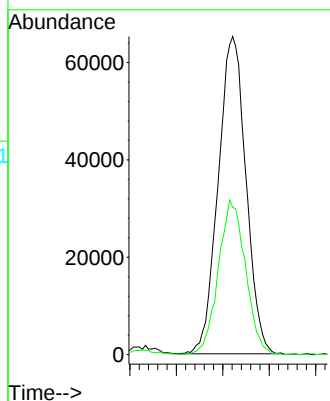
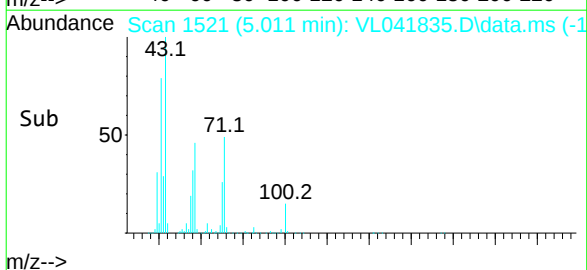
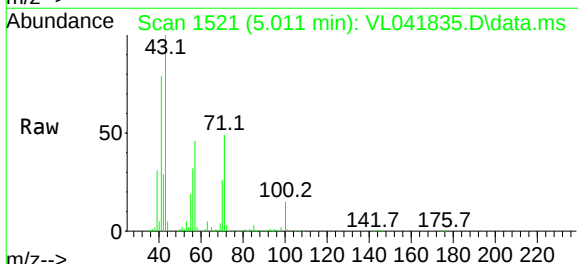
Manual Integrations
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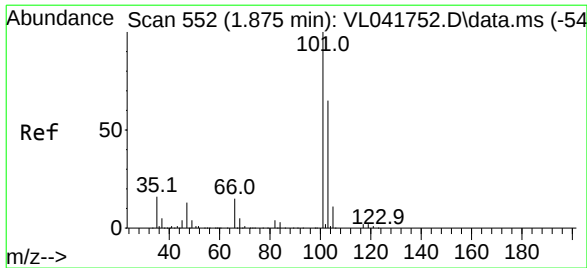
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#10
Heptane
Concen: 8.730 ppbv
RT: 5.011 min Scan# 1521
Delta R.T. 0.032 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

Tgt Ion: 43 Resp: 135222
Ion Ratio Lower Upper
43 100
57 47.7 38.5 57.7





#11

Trichlorofluoromethane

Concen: 8.472 ppbv

RT: 1.884 min Scan# 555

Delta R.T. 0.009 min

Lab File: VL041835.D

Acq: 03 Jan 2025 20:18

Instrument :

MSVOA_L

ClientSampleId :

VL0103ABS01

Tgt Ion:101 Resp: 136615

Ion Ratio Lower Upper

101 100

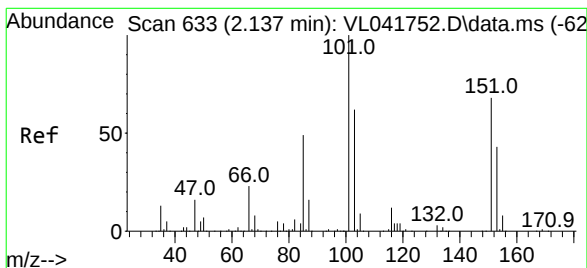
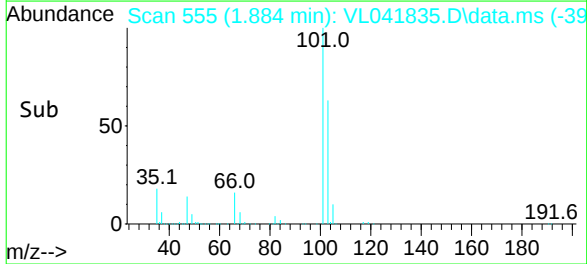
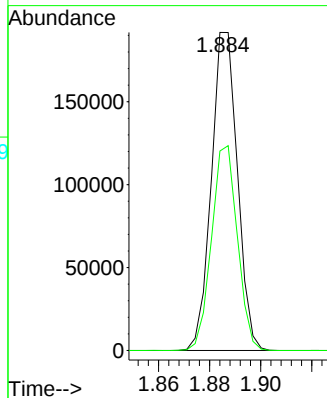
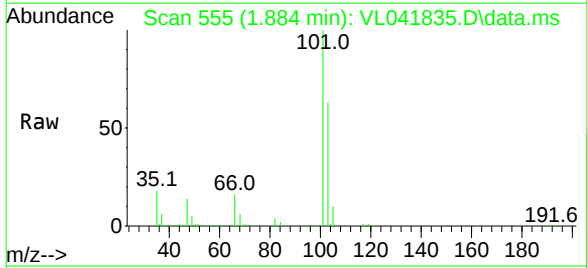
103 62.7 51.8 77.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/06/2025

Supervised By :Mahesh Dadoda 01/06/2025



#12

1,1,2-Trichlorotrifluoroethane

Concen: 8.397 ppbv

RT: 2.149 min Scan# 637

Delta R.T. 0.013 min

Lab File: VL041835.D

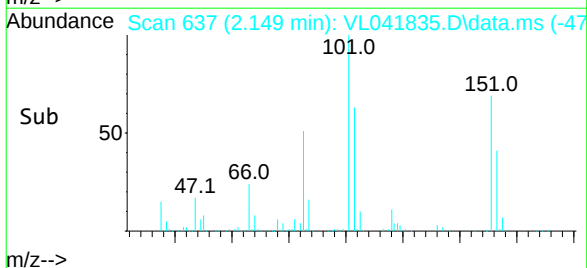
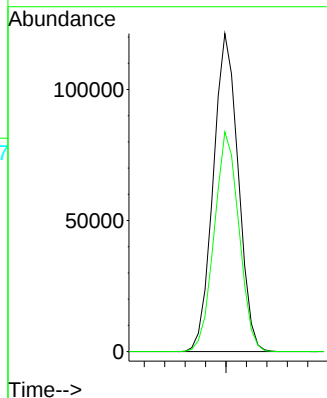
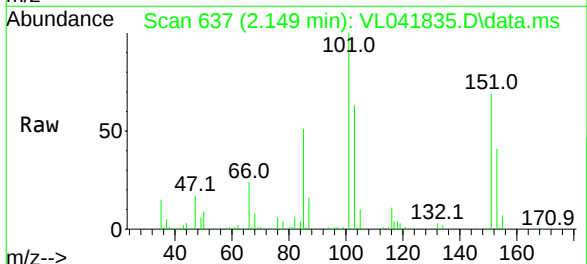
Acq: 03 Jan 2025 20:18

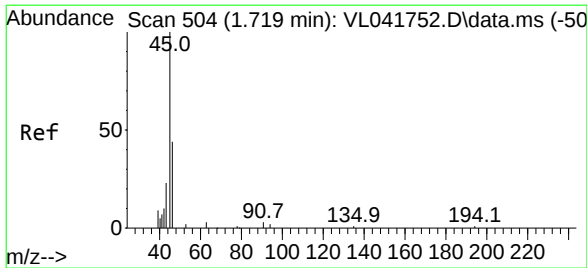
Tgt Ion:101 Resp: 102983

Ion Ratio Lower Upper

101 100

151 68.4 56.8 85.2





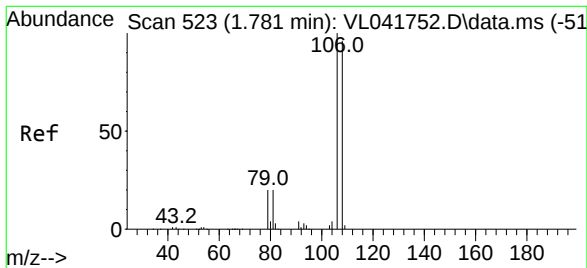
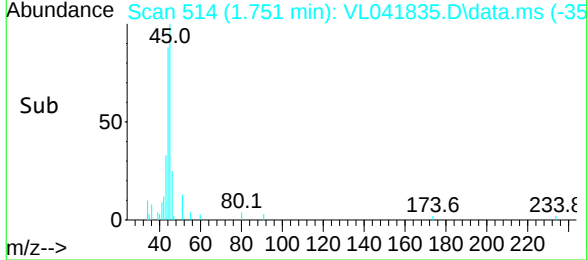
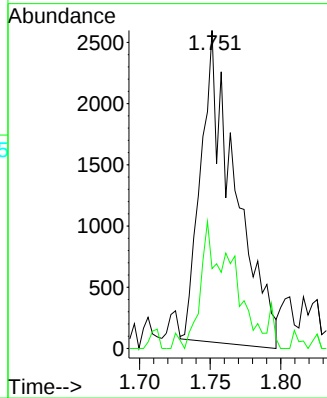
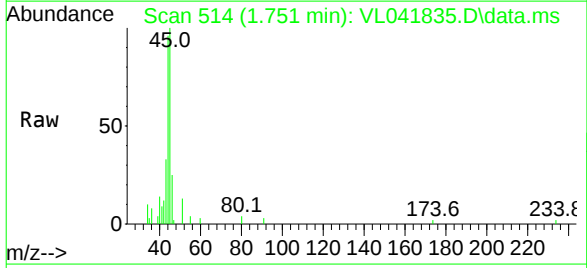
#13
Ethanol
Concen: 8.571 ppbv m
RT: 1.751 min Scan# 51
Delta R.T. 0.032 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

Instrument :
MSVOA_L
ClientSampleId :
VL0103ABS01

Tgt Ion: 45 Resp: 4280
Ion Ratio Lower Upper
45 100
46 39.3 16.4 65.8

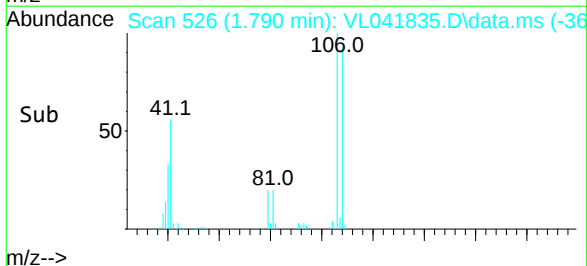
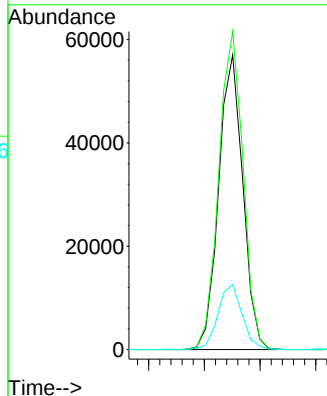
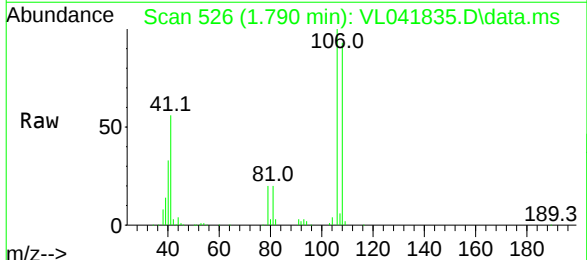
Manual Integrations
APPROVED

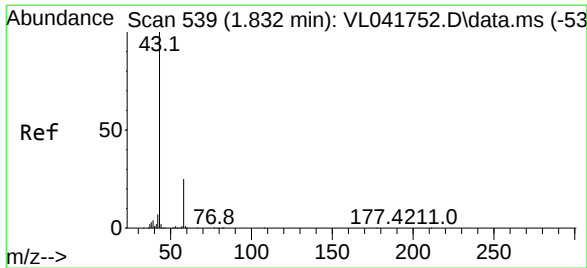
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#14
Bromoethene
Concen: 8.306 ppbv
RT: 1.790 min Scan# 526
Delta R.T. 0.009 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

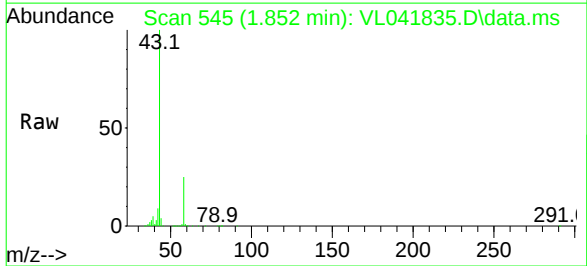
Tgt Ion:108 Resp: 34390
Ion Ratio Lower Upper
108 100
106 108.5 84.1 126.1
79 22.2 17.4 26.0





#15
Acetone
Concen: 8.128 ppbv
RT: 1.852 min Scan# 541
Delta R.T. 0.019 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

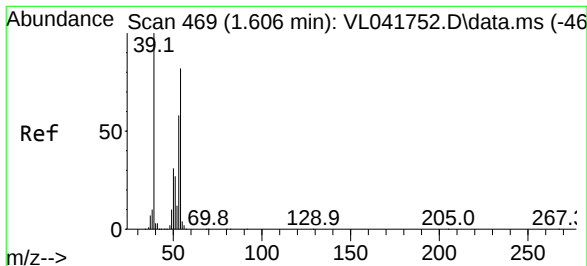
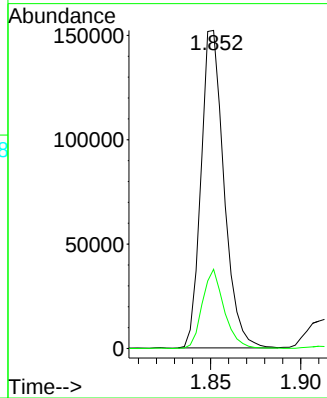
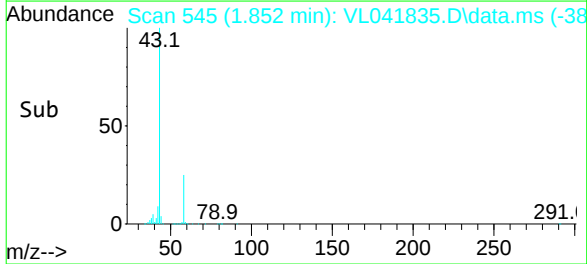
Instrument :
MSVOA_L
ClientSampleId :
VL0103ABS01



Tgt Ion: 43 Resp: 134928
Ion Ratio Lower Upper
43 100
58 23.8 19.7 29.5

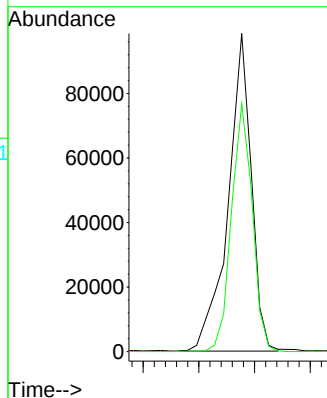
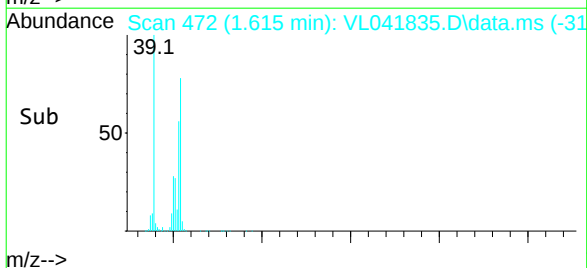
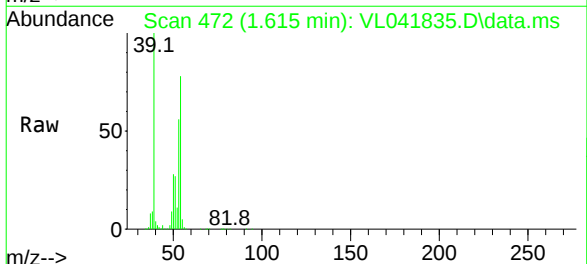
Manual Integrations
APPROVED

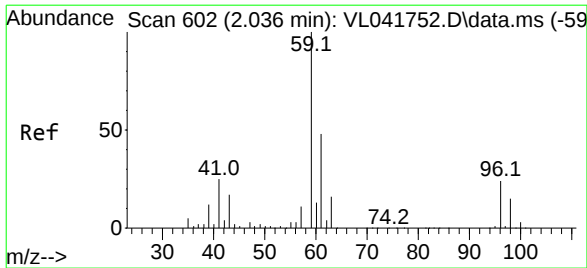
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#16
1,3-Butadiene
Concen: 8.703 ppbv
RT: 1.615 min Scan# 472
Delta R.T. 0.009 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

Tgt Ion: 39 Resp: 56888
Ion Ratio Lower Upper
39 100
54 70.4 58.4 87.6





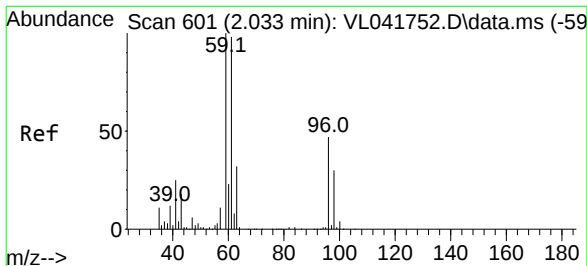
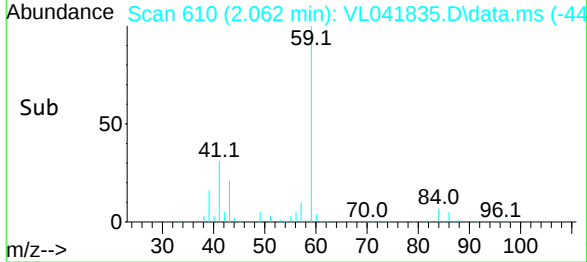
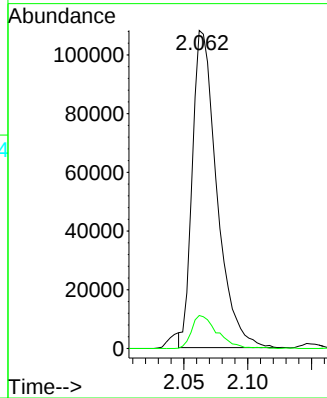
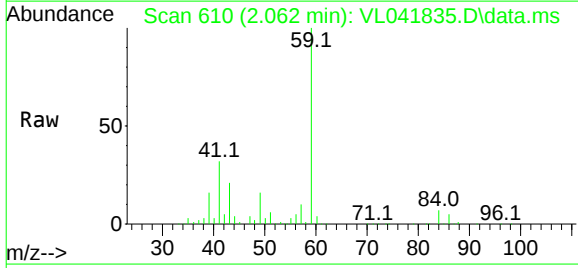
#17
tert-Butyl alcohol
Concen: 8.730 ppbv
RT: 2.062 min Scan# 61
Delta R.T. 0.026 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

Instrument :
MSVOA_L
ClientSampleId :
VL0103ABS01

Tgt Ion: 59 Resp: 143769
Ion Ratio Lower Upper
59 100
57 11.1 8.6 13.0

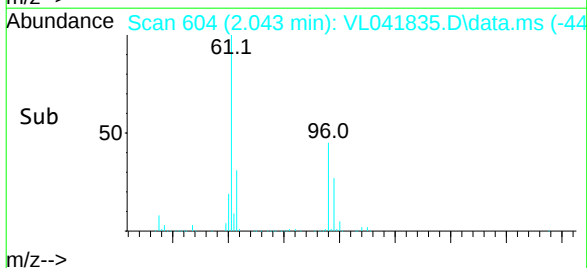
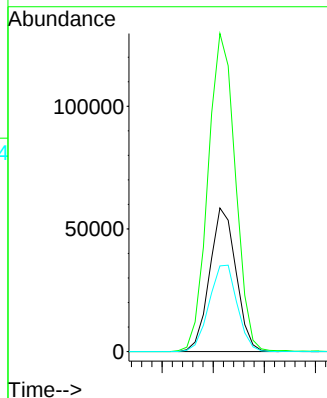
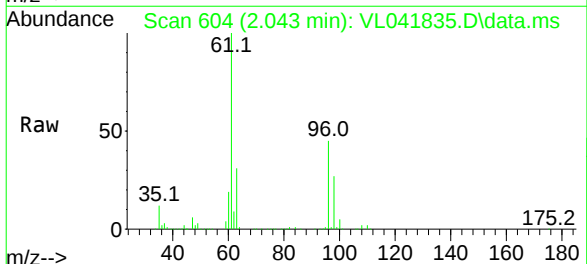
Manual Integrations
APPROVED

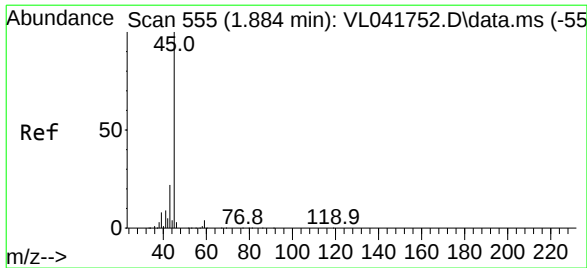
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#18
1,1-Dichloroethene
Concen: 8.169 ppbv
RT: 2.043 min Scan# 604
Delta R.T. 0.009 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

Tgt Ion: 96 Resp: 42000
Ion Ratio Lower Upper
96 100
61 220.9 167.7 251.5
98 59.7 51.1 76.7





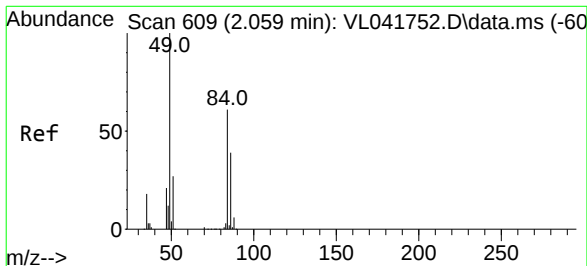
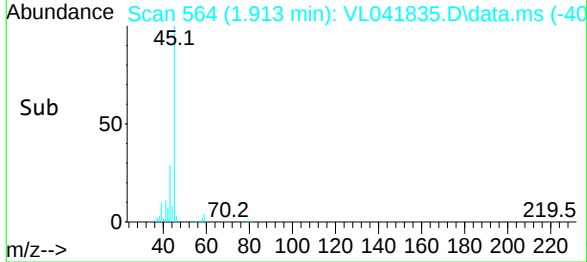
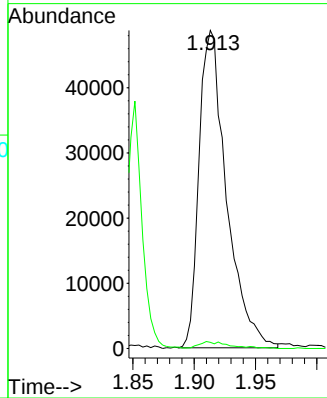
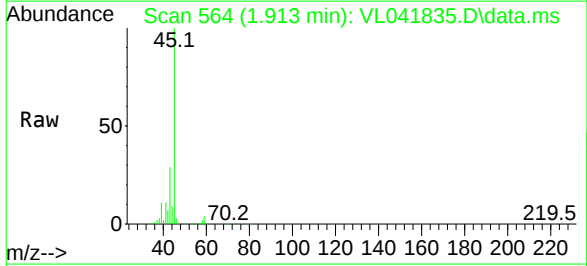
#19
Isopropyl Alcohol
Concen: 7.620 ppbv
RT: 1.913 min Scan# 56
Delta R.T. 0.029 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

Instrument :
MSVOA_L
ClientSampleId :
VL0103ABS01

Tgt Ion: 45 Resp: 75903
Ion Ratio Lower Upper
45 100
58 2.4 33.3 49.9#

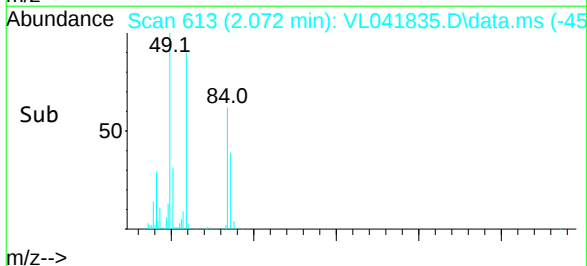
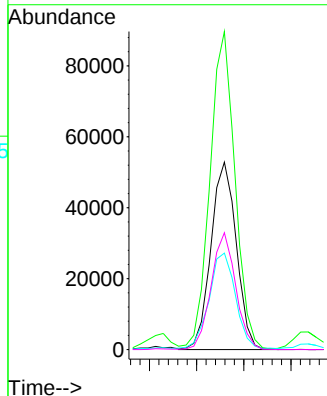
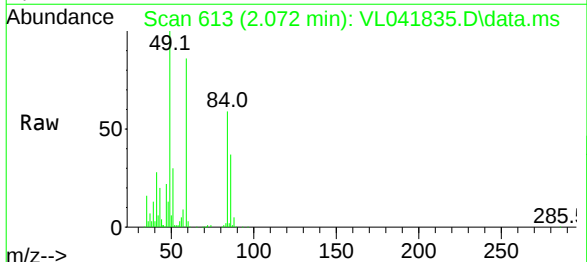
Manual Integrations
APPROVED

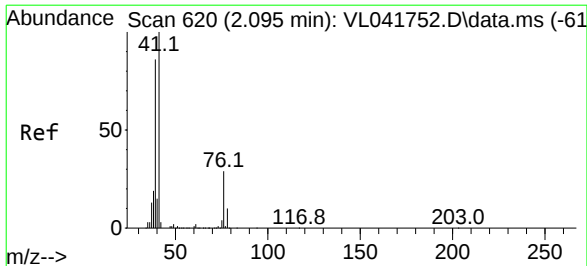
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#20
Methylene Chloride
Concen: 8.355 ppbv
RT: 2.072 min Scan# 613
Delta R.T. 0.013 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

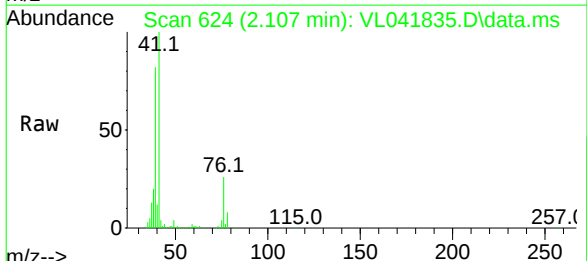
Tgt Ion: 84 Resp: 39545
Ion Ratio Lower Upper
84 100
49 169.0 132.6 198.8
51 50.9 37.6 56.4
86 62.3 51.4 77.0





#21
 Allyl Chloride
 Concen: 9.180 ppbv
 RT: 2.107 min Scan# 62
 Delta R.T. 0.013 min
 Lab File: VL041835.D
 Acq: 03 Jan 2025 20:18

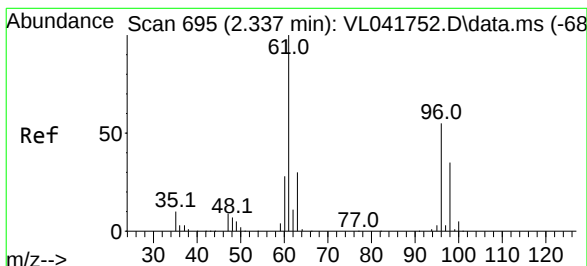
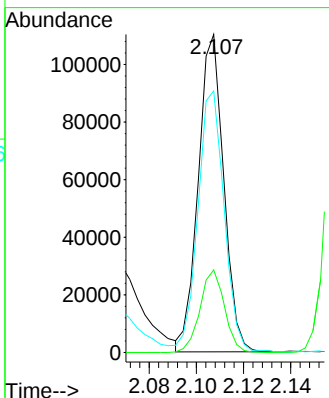
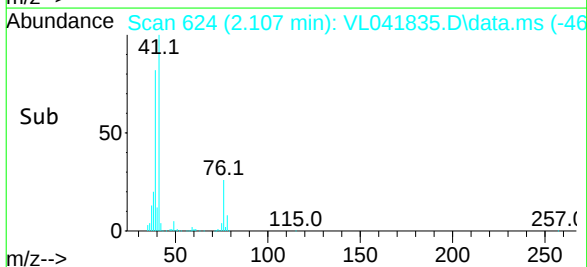
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0103ABS01



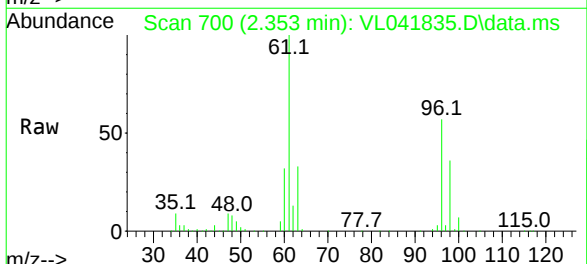
Tgt Ion: 41 Resp: 82649
 Ion Ratio Lower Upper
 41 100
 76 25.0 22.3 33.5
 39 86.5 69.2 103.8

Manual Integrations
 APPROVED

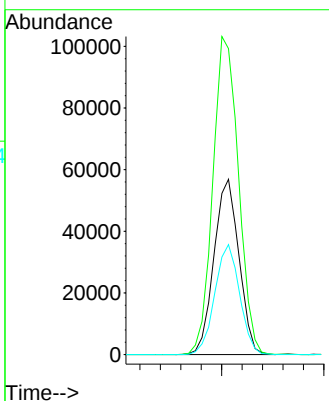
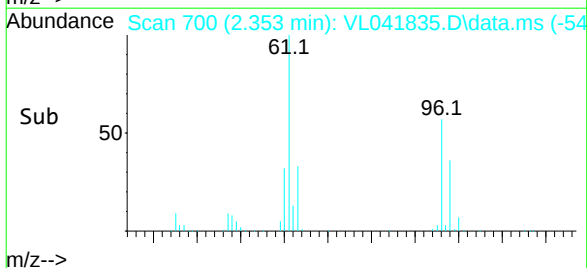
Reviewed By :Semsettin Yesilyurt 01/06/2025
 Supervised By :Mahesh Dadoda 01/06/2025

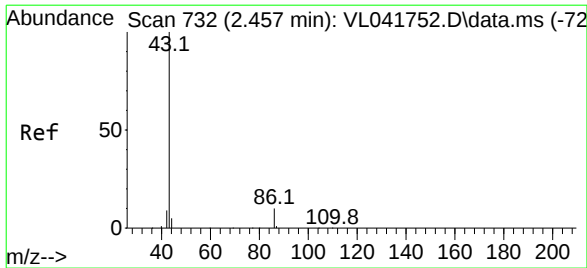


#22
 trans-1,2-Dichloroethene
 Concen: 8.205 ppbv
 RT: 2.353 min Scan# 700
 Delta R.T. 0.016 min
 Lab File: VL041835.D
 Acq: 03 Jan 2025 20:18



Tgt Ion: 96 Resp: 48293
 Ion Ratio Lower Upper
 96 100
 61 174.5 146.3 219.5
 98 62.7 50.8 76.2





#23

Vinyl Acetate

Concen: 7.988 ppbv

RT: 2.476 min Scan# 732

Delta R.T. 0.019 min

Lab File: VL041835.D

Acq: 03 Jan 2025 20:18

Instrument :

MSVOA_L

ClientSampleId :

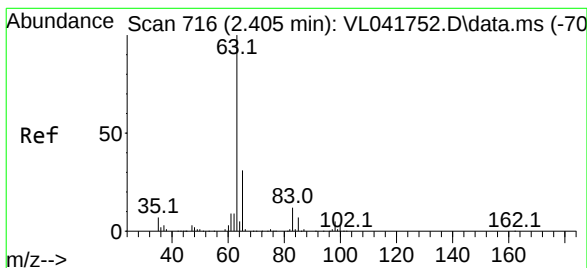
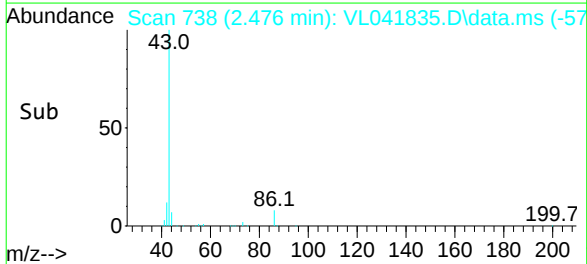
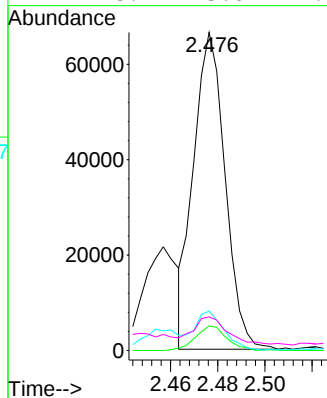
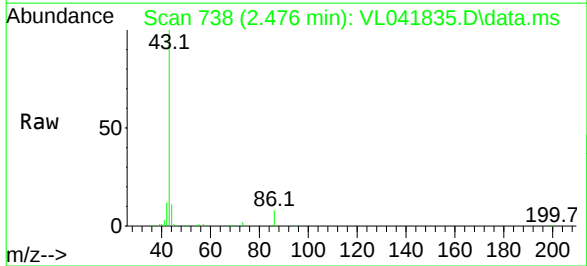
VL0103ABS01

Tgt Ion: 43	Resp: 61568
Ion Ratio	Lower Upper
43 100	
86 7.6	6.6 10.0
42 12.2	8.2 12.2
44 8.4	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: 8.744 ppbv

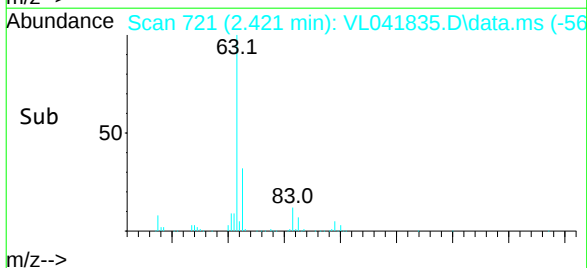
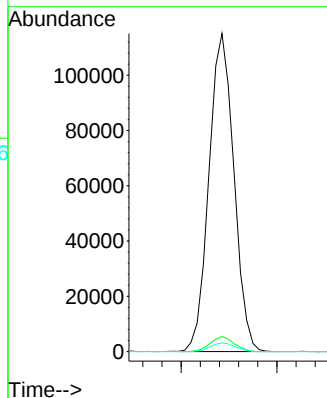
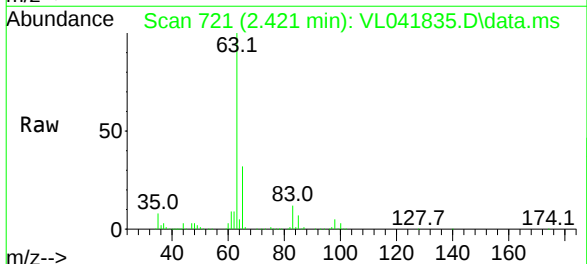
RT: 2.421 min Scan# 721

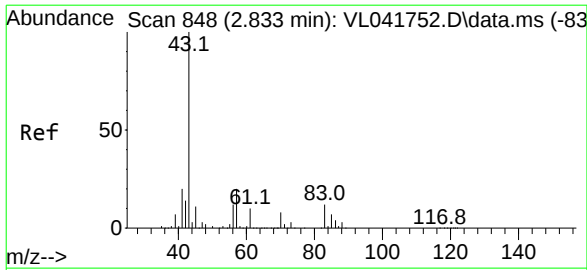
Delta R.T. 0.016 min

Lab File: VL041835.D

Acq: 03 Jan 2025 20:18

Tgt Ion: 63	Resp: 104178
Ion Ratio	Lower Upper
63 100	
98 4.7	2.3 6.8
100 2.8	1.4 4.2





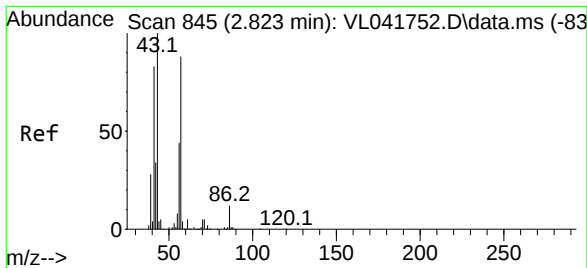
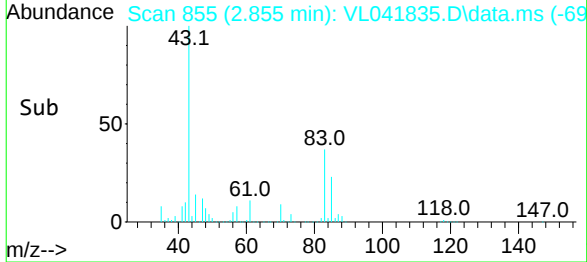
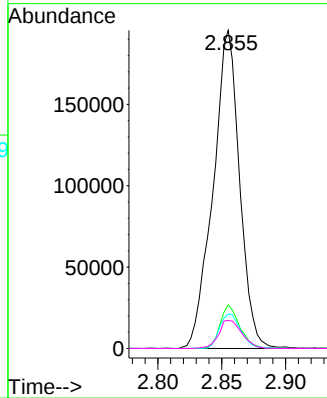
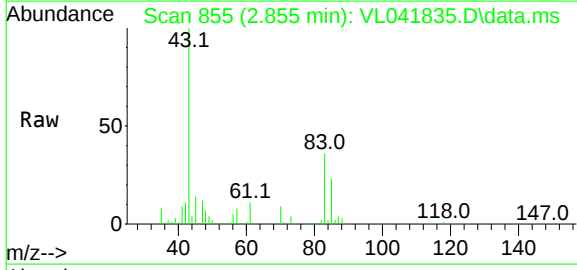
#25
Ethyl Acetate
Concen: 9.139 ppbv
RT: 2.855 min Scan# 851
Delta R.T. 0.022 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

Instrument :
MSVOA_L
ClientSampleId :
VL0103ABS01

Tgt Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.1	12.1
61	8.8	7.0	10.6
70	7.8	6.5	9.7

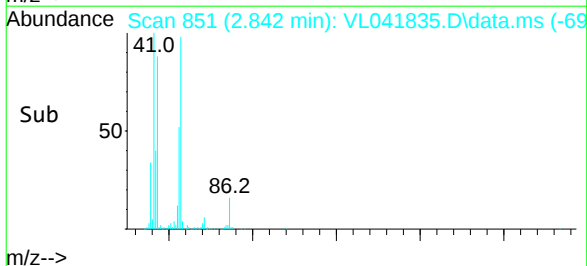
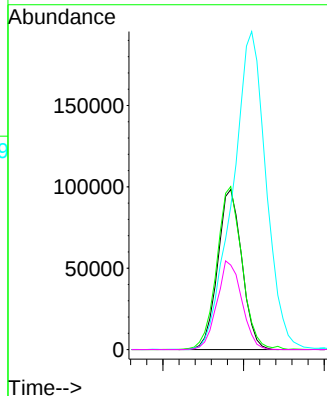
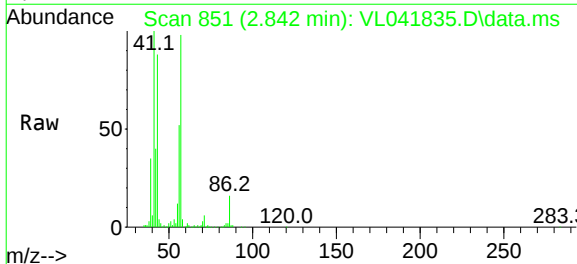
Manual Integrations
APPROVED

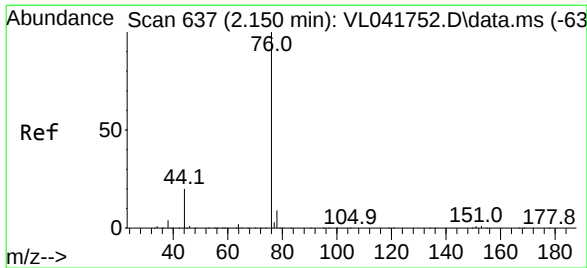
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#26
Hexane
Concen: 8.727 ppbv
RT: 2.842 min Scan# 851
Delta R.T. 0.019 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

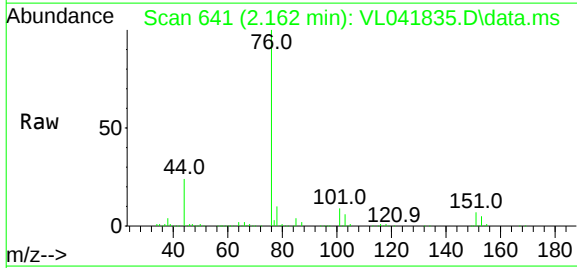
Tgt Ion	Ratio	Lower	Upper
57	100		
41	106.7	79.6	119.4
43	277.5	211.0	316.6
56	56.7	42.6	63.8





#27
Carbon Disulfide
Concen: 8.797 ppbv
RT: 2.162 min Scan# 641
Delta R.T. 0.013 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

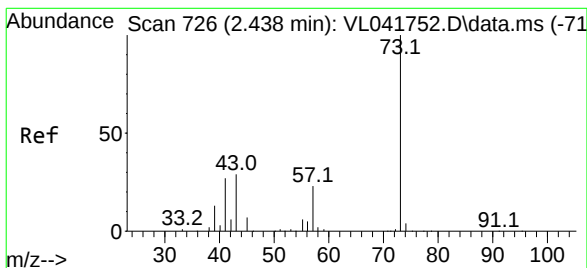
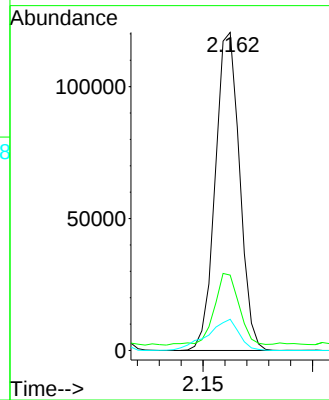
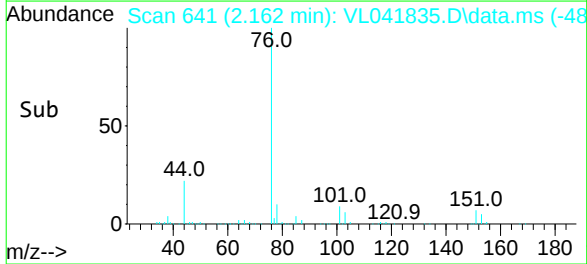
Instrument :
MSVOA_L
ClientSampleId :
VL0103ABS01



Tgt Ion: 76 Resp: 92899
Ion Ratio Lower Upper
76 100
44 25.7 17.6 26.4
78 12.8 10.2 15.4

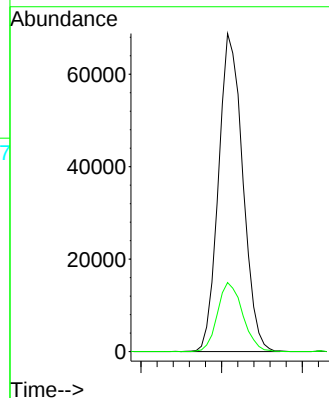
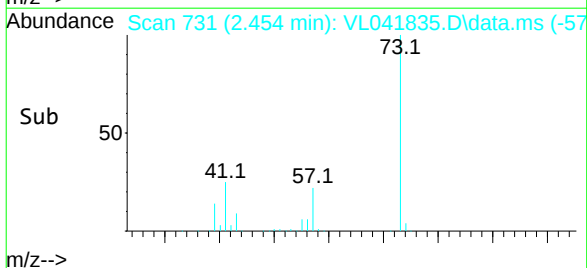
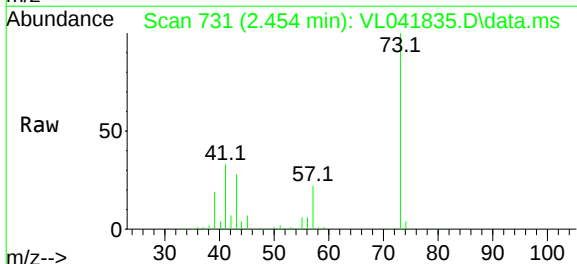
Manual Integrations
APPROVED

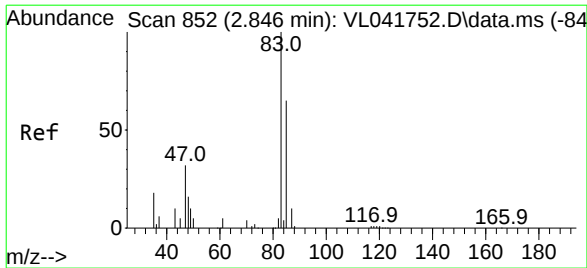
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#28
Methyl tert-Butyl Ether
Concen: 7.561 ppbv
RT: 2.454 min Scan# 731
Delta R.T. 0.016 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

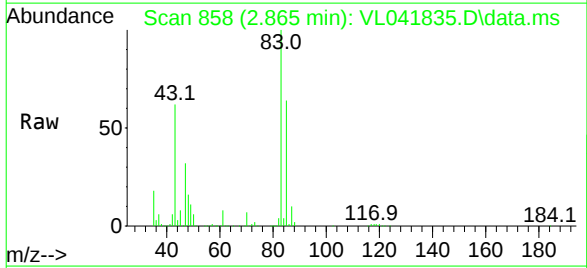
Tgt Ion: 73 Resp: 71880
Ion Ratio Lower Upper
73 100
57 22.5 17.6 26.4





#29
Chloroform
Concen: 9.164 ppbv
RT: 2.865 min Scan# 85
Delta R.T. 0.019 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

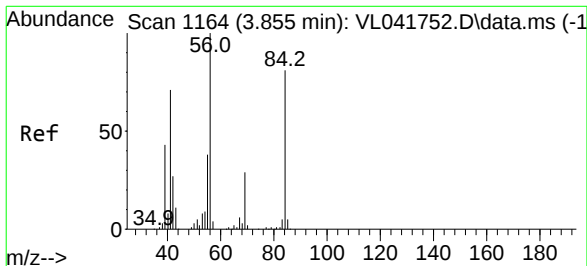
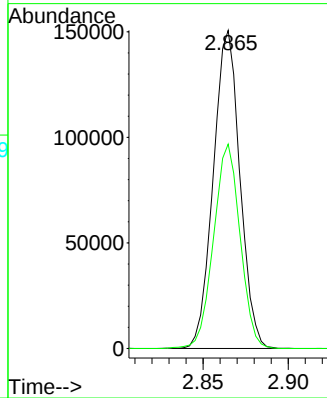
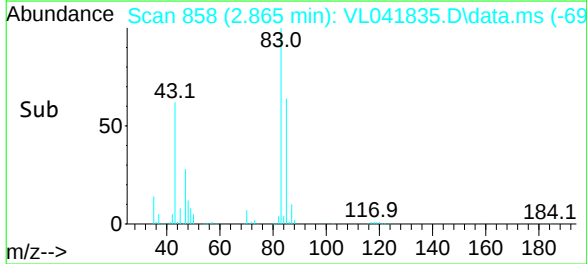
Instrument :
MSVOA_L
ClientSampleId :
VL0103ABS01



Tgt Ion: 83 Resp: 163652
Ion Ratio Lower Upper
83 100
85 64.2 51.8 77.6

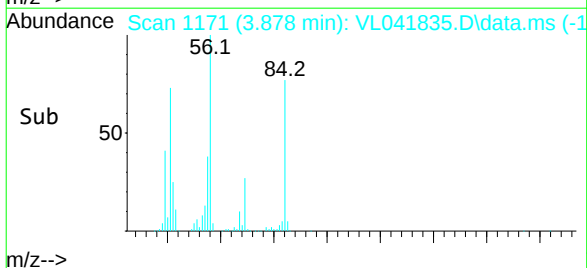
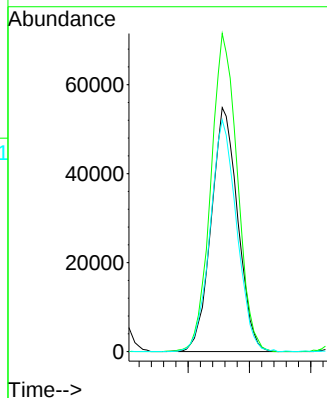
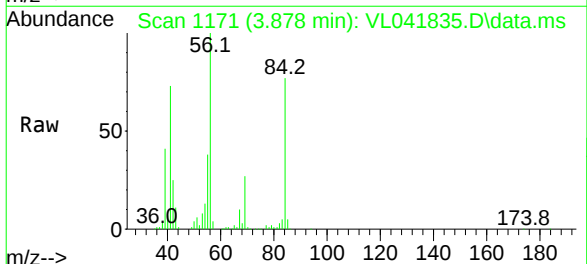
Manual Integrations
APPROVED

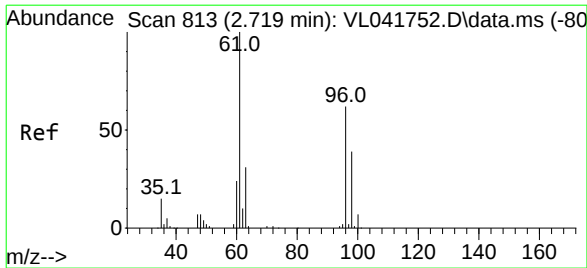
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#30
Cyclohexane
Concen: 8.261 ppbv
RT: 3.878 min Scan# 1171
Delta R.T. 0.022 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

Tgt Ion: 84 Resp: 82369
Ion Ratio Lower Upper
84 100
56 130.0 102.3 153.5
41 95.1 74.0 111.0





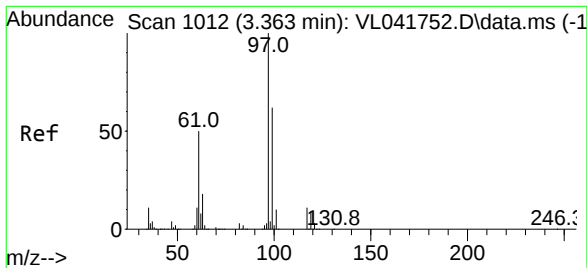
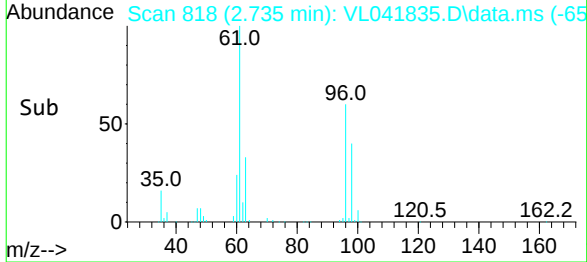
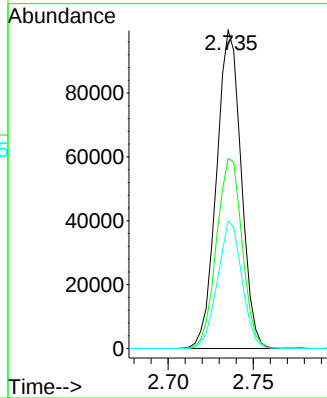
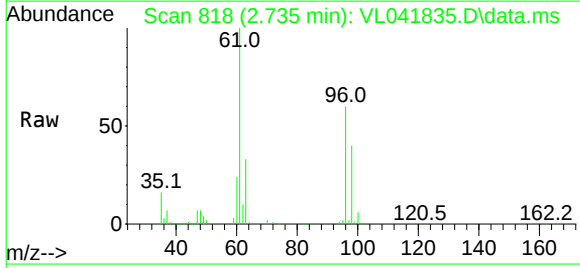
#31
cis-1,2-Dichloroethene
Concen: 8.290 ppbv
RT: 2.735 min Scan# 81
Delta R.T. 0.016 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

Instrument :
MSVOA_L
ClientSampleId :
VL0103ABS01

Tgt Ion: 61 Resp: 100390
Ion Ratio Lower Upper
61 100
96 59.6 49.7 74.5
98 40.0 30.8 46.2

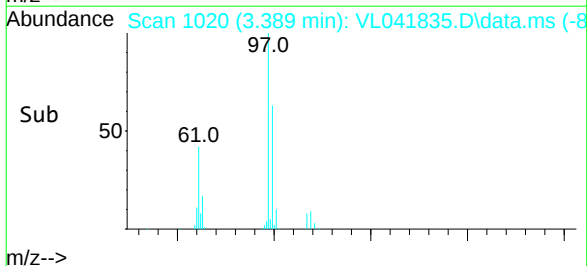
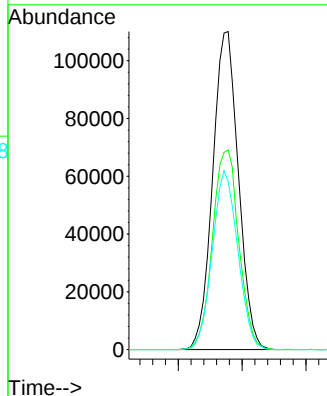
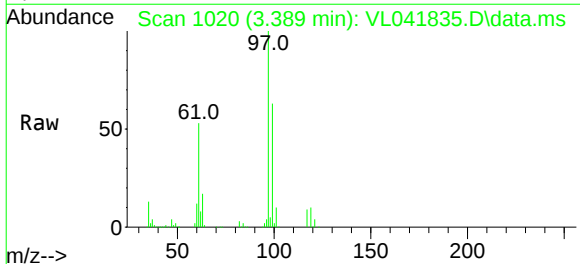
Manual Integrations
APPROVED

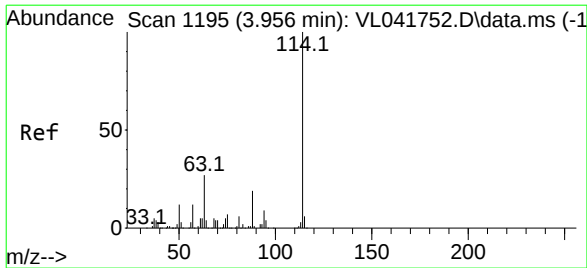
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#32
1,1,1-Trichloroethane
Concen: 8.482 ppbv
RT: 3.389 min Scan# 1020
Delta R.T. 0.026 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

Tgt Ion: 97 Resp: 153995
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.4
61 55.9 42.2 63.2





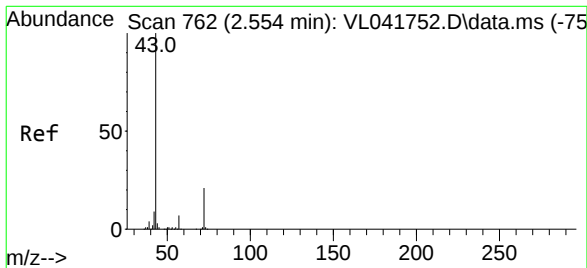
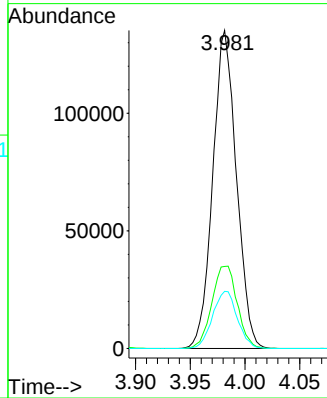
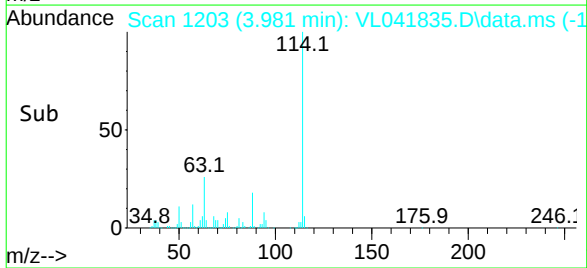
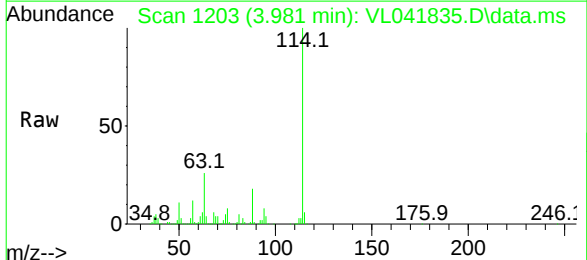
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.981 min Scan# 12
Delta R.T. 0.026 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

Instrument :
MSVOA_L
ClientSampleId :
VL0103ABS01

Tgt Ion: 114 Resp: 202909
Ion Ratio Lower Upper
114 100
63 27.8 21.8 32.8
88 18.8 14.8 22.2

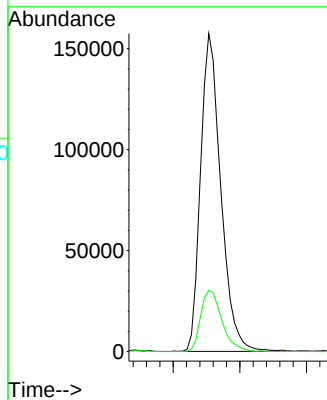
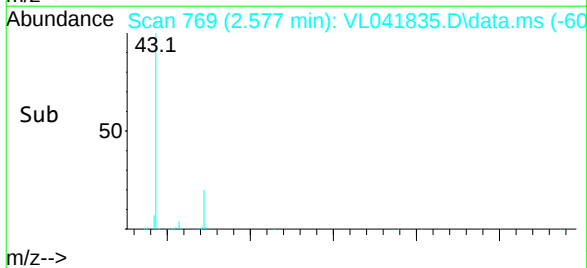
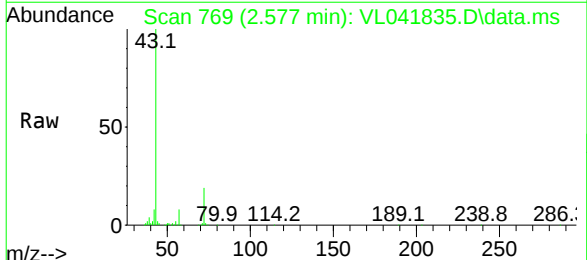
Manual Integrations
APPROVED

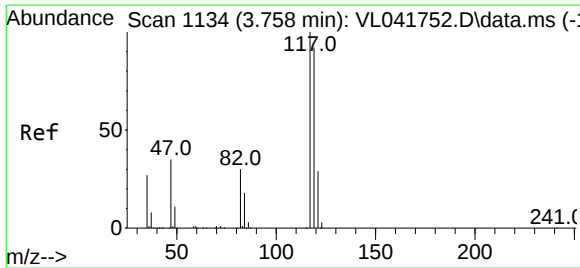
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#34
2-Butanone
Concen: 10.165 ppbv
RT: 2.577 min Scan# 769
Delta R.T. 0.022 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

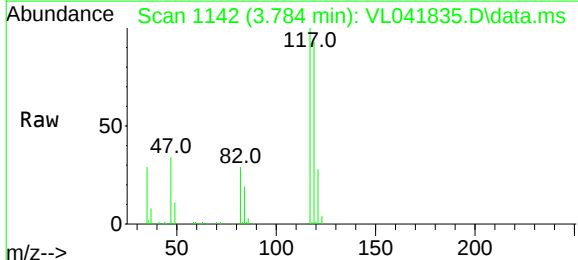
Tgt Ion: 43 Resp: 165937
Ion Ratio Lower Upper
43 100
72 20.3 16.8 25.2





#35
Carbon Tetrachloride
Concen: 10.944 ppbv
RT: 3.784 min Scan# 1110
Delta R.T. 0.026 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

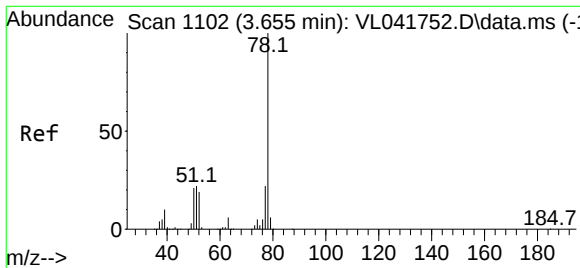
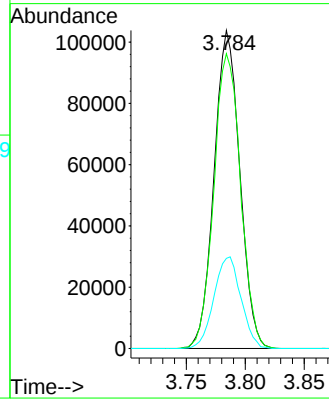
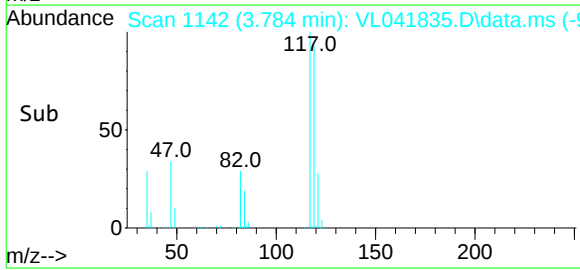
Instrument :
MSVOA_L
ClientSampleId :
VL0103ABS01



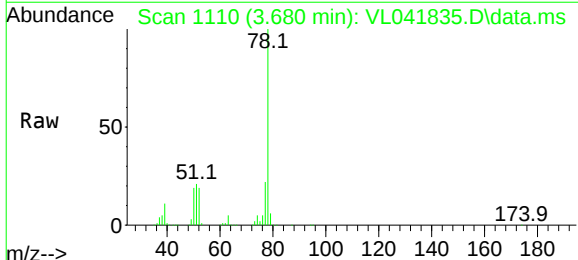
Tgt Ion: 117 Resp: 157638
Ion Ratio Lower Upper
117 100
119 92.7 73.7 110.5
121 28.3 23.0 34.4

Manual Integrations
APPROVED

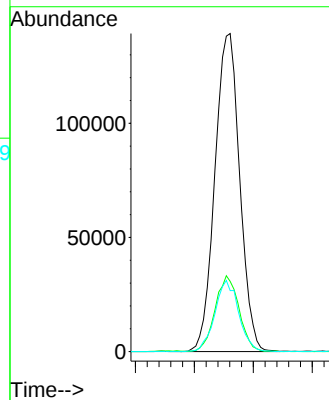
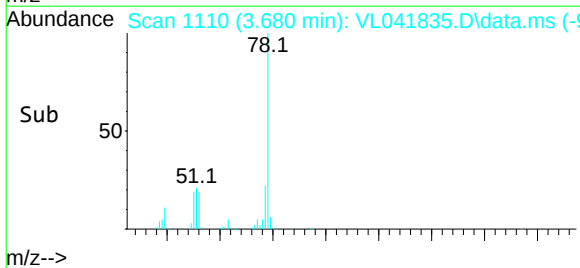
Reviewed By : Semsettin Yesilyurt 01/06/2025
Supervised By : Mahesh Dadoda 01/06/2025

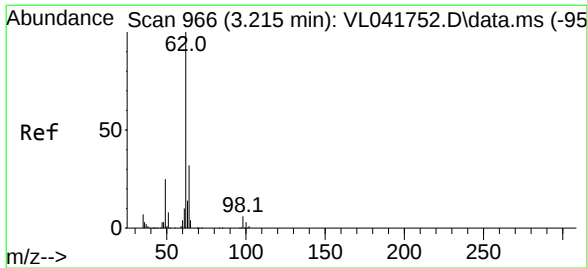


#36
Benzene
Concen: 9.715 ppbv
RT: 3.680 min Scan# 1110
Delta R.T. 0.026 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18



Tgt Ion: 78 Resp: 203910
Ion Ratio Lower Upper
78 100
77 22.1 17.8 26.6
50 19.2 17.2 25.8





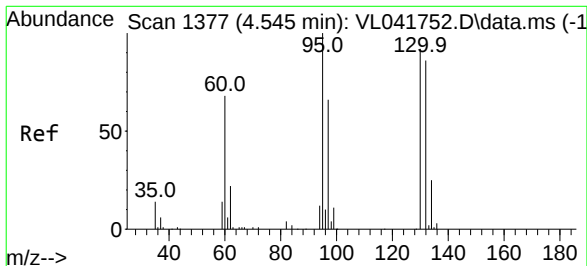
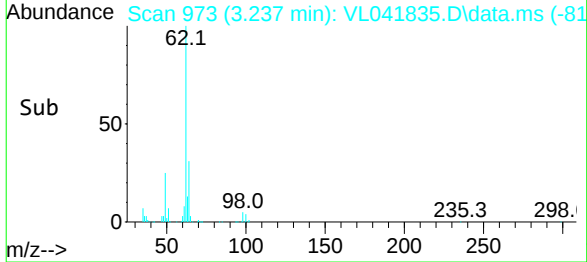
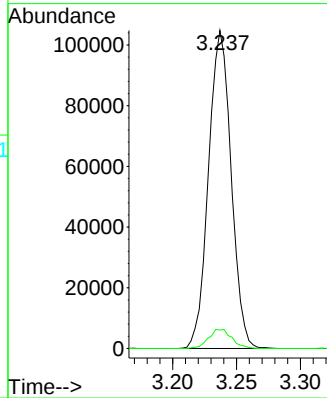
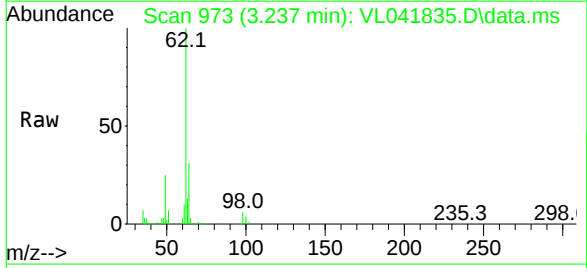
#37
1,2-Dichloroethane
Concen: 9.893 ppbv
RT: 3.237 min Scan# 97
Delta R.T. 0.022 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

Instrument :
MSVOA_L
ClientSampleId :
VL0103ABS01

Tgt Ion: 62 Resp: 129207
Ion Ratio Lower Upper
62 100
98 6.2 4.7 7.1

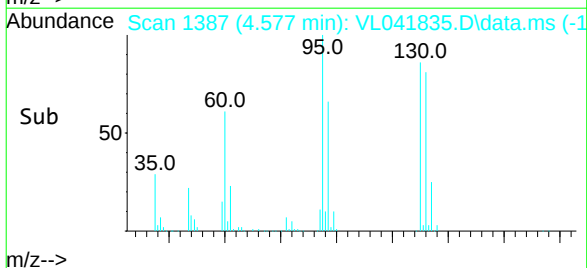
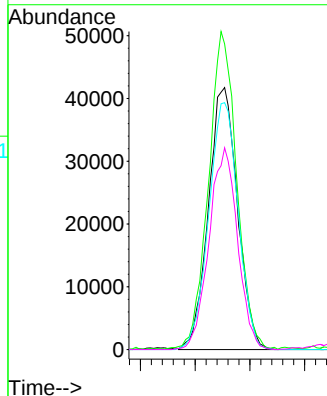
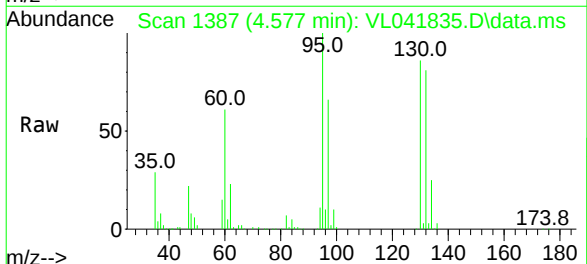
Manual Integrations
APPROVED

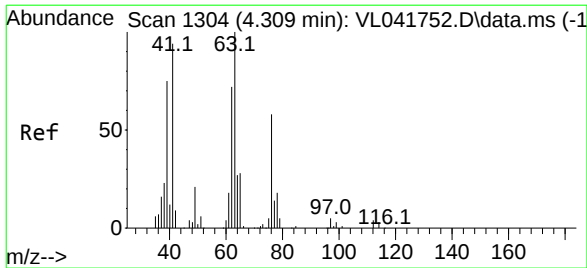
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#38
Trichloroethene
Concen: 8.653 ppbv
RT: 4.577 min Scan# 1387
Delta R.T. 0.032 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

Tgt Ion:130 Resp: 77098
Ion Ratio Lower Upper
130 100
95 116.5 87.0 130.6
132 94.2 75.0 112.6
97 77.0 57.2 85.8





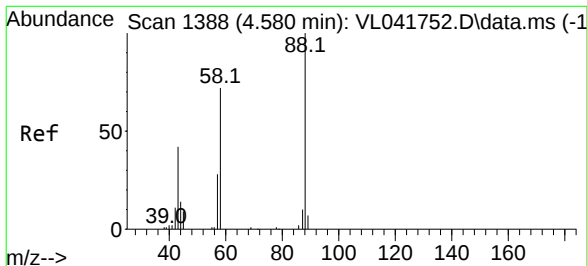
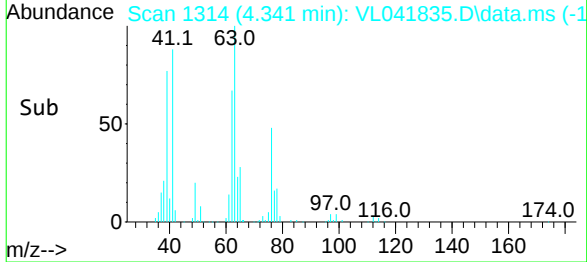
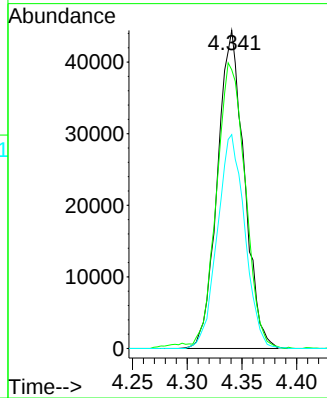
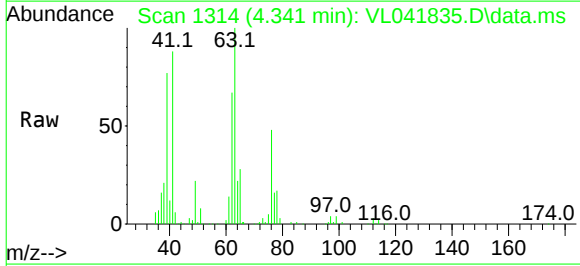
#39
1,2-Dichloropropane
Concen: 9.961 ppbv
RT: 4.341 min Scan# 13
Delta R.T. 0.032 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

Instrument :
MSVOA_L
ClientSampleId :
VL0103ABS01

Tgt Ion: 63 Resp: 75612
Ion Ratio Lower Upper
63 100
41 87.0 75.3 112.9
62 67.2 57.3 85.9

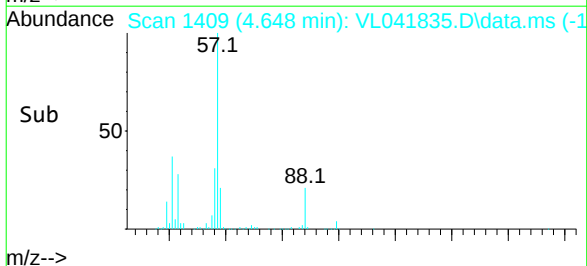
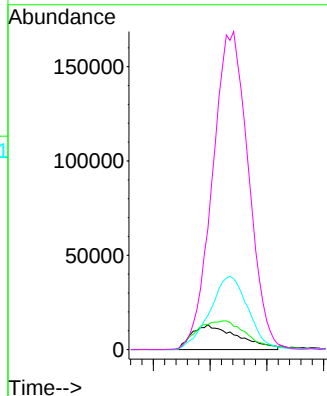
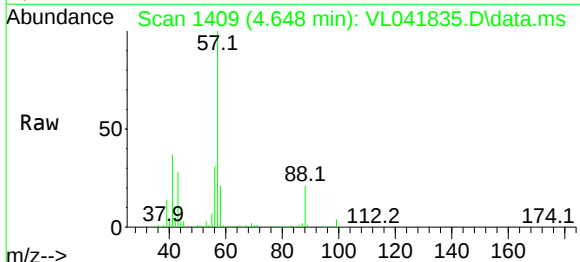
Manual Integrations
APPROVED

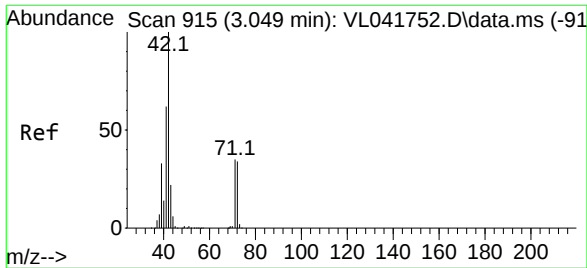
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#40
1,4-Dioxane
Concen: 9.891 ppbv
RT: 4.648 min Scan# 1409
Delta R.T. 0.068 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

Tgt Ion: 88 Resp: 36680
Ion Ratio Lower Upper
88 100
58 133.5 61.0 91.6#
43 247.9 29.4 44.0#
57 1014.9 0.0 0.0#





#41

Tetrahydrofuran

Concen: 9.797 ppbv

RT: 3.078 min Scan# 92

Delta R.T. 0.029 min

Lab File: VL041835.D

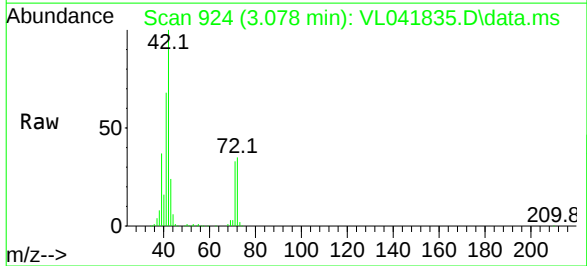
Acq: 03 Jan 2025 20:18

Instrument :

MSVOA_L

ClientSampleId :

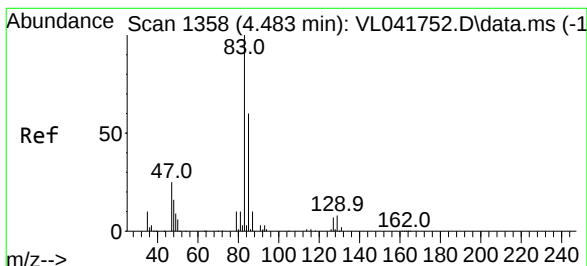
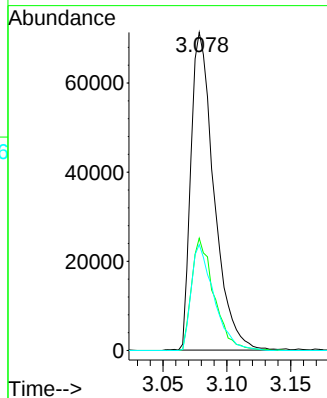
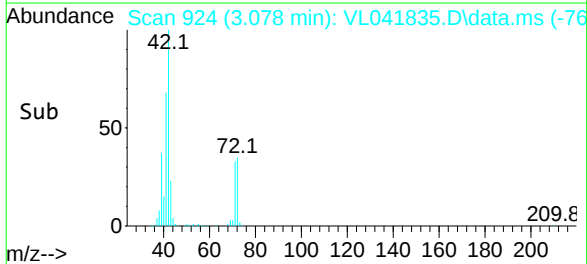
VL0103ABS01



Tgt Ion:	42	Resp:	89599
Ion	Ratio	Lower	Upper
42	100		
72	34.3	29.1	43.7
71	32.8	28.4	42.6

Manual Integrations
APPROVED

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



#42

Bromodichloromethane

Concen: 10.624 ppbv

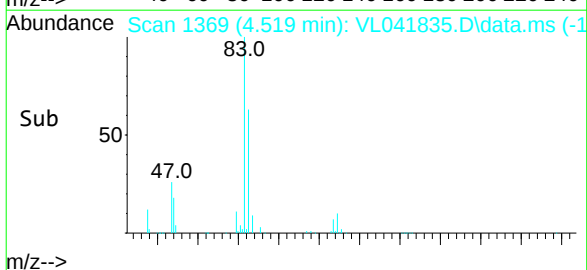
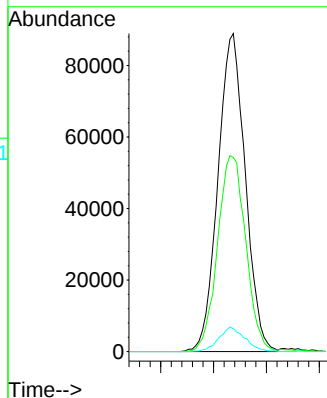
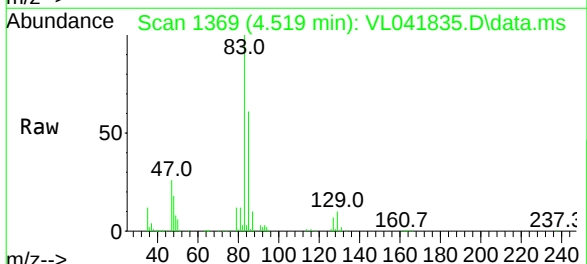
RT: 4.519 min Scan# 1369

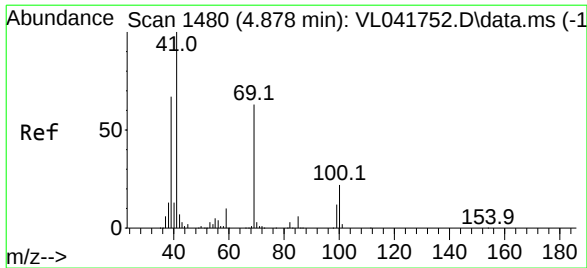
Delta R.T. 0.035 min

Lab File: VL041835.D

Acq: 03 Jan 2025 20:18

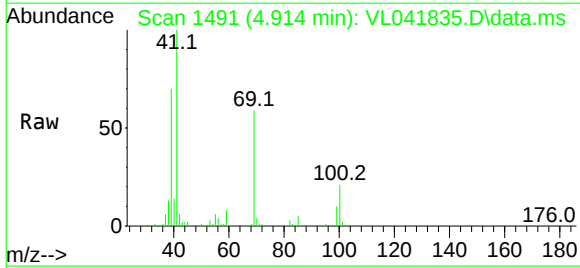
Tgt Ion:	83	Resp:	159617
Ion	Ratio	Lower	Upper
83	100		
85	61.0	48.0	72.0
127	7.2	5.8	8.8





#43
Methyl Methacrylate
Concen: 9.441 ppbv
RT: 4.914 min Scan# 1416
Delta R.T. 0.035 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

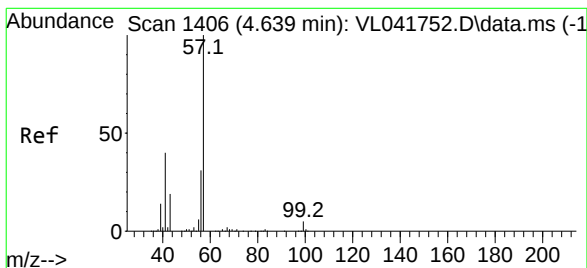
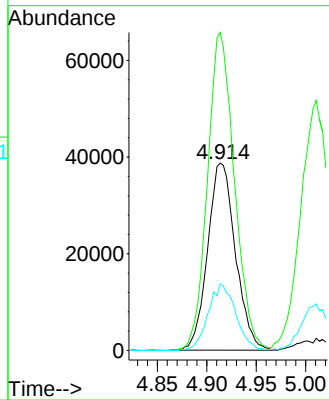
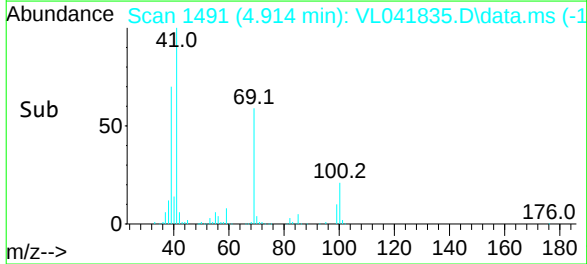
Instrument :
MSVOA_L
ClientSampleId :
VL0103ABS01



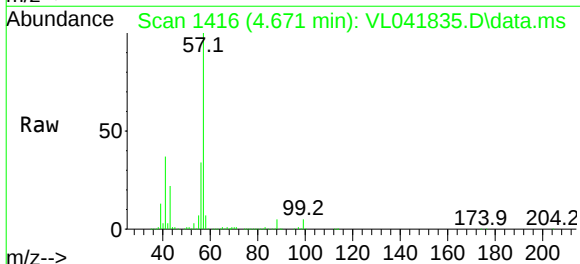
Tgt Ion: 69 Resp: 75503
Ion Ratio Lower Upper
69 100
41 164.7 130.3 195.5
100 35.4 28.3 42.5

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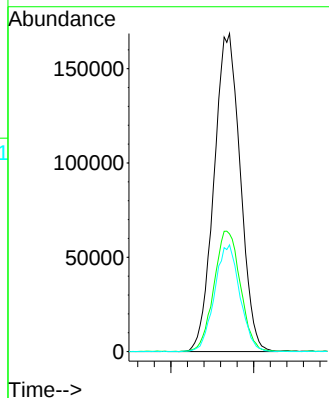
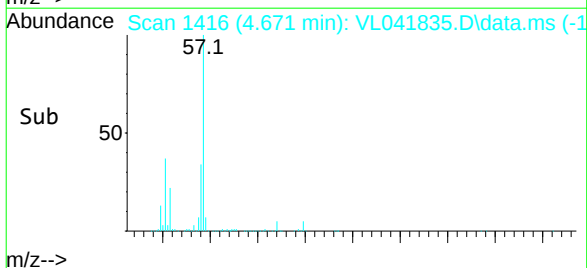
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025

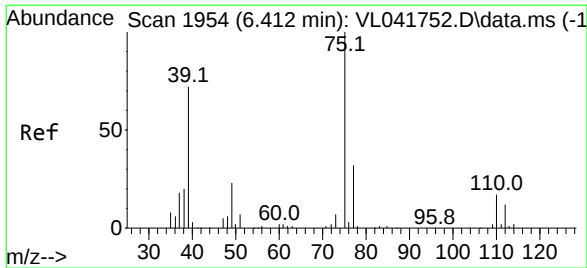


#44
2,2,4-Trimethylpentane
Concen: 10.364 ppbv
RT: 4.671 min Scan# 1416
Delta R.T. 0.032 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18



Tgt Ion: 57 Resp: 371479
Ion Ratio Lower Upper
57 100
41 38.2 30.7 46.1
56 32.3 25.4 38.0





#45

t-1,3-Dichloropropene

Concen: 8.697 ppbv

RT: 6.448 min Scan# 19

Delta R.T. 0.035 min

Lab File: VL041835.D

Acq: 03 Jan 2025 20:18

Instrument :

MSVOA_L

ClientSampleId :

VL0103ABS01

Tgt Ion: 75 Resp: 71943

Ion Ratio Lower Upper

75 100

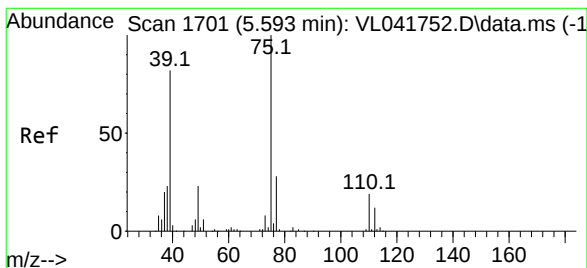
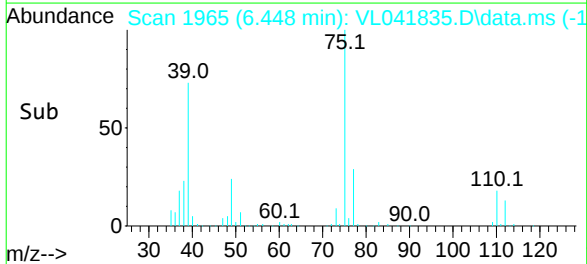
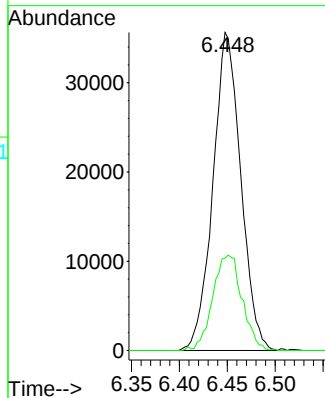
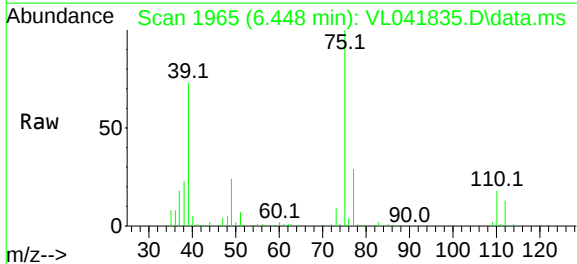
77 29.1 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/06/2025

Supervised By :Mahesh Dadoda 01/06/2025



#46

cis-1,3-Dichloropropene

Concen: 9.306 ppbv

RT: 5.639 min Scan# 1715

Delta R.T. 0.045 min

Lab File: VL041835.D

Acq: 03 Jan 2025 20:18

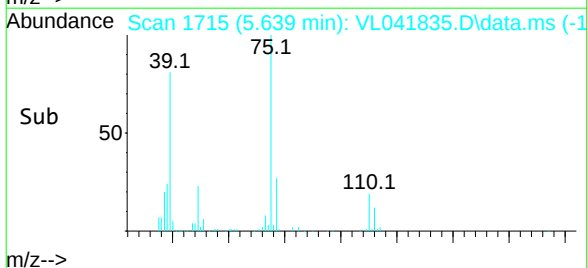
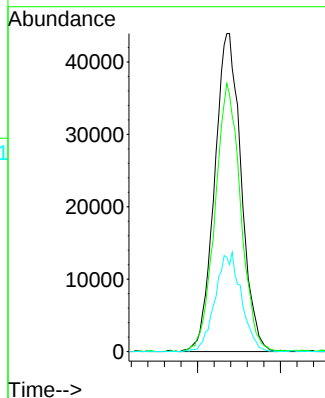
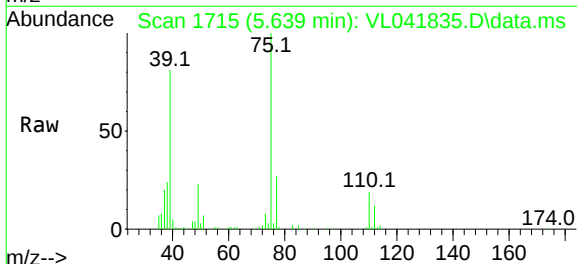
Tgt Ion: 75 Resp: 97720

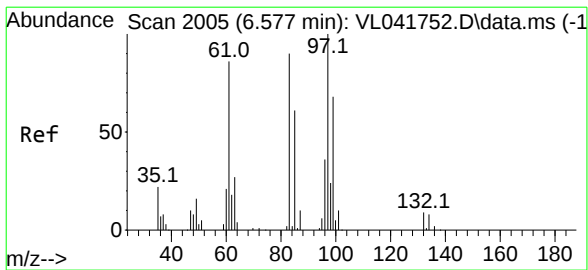
Ion Ratio Lower Upper

75 100

39 80.8 65.2 97.8

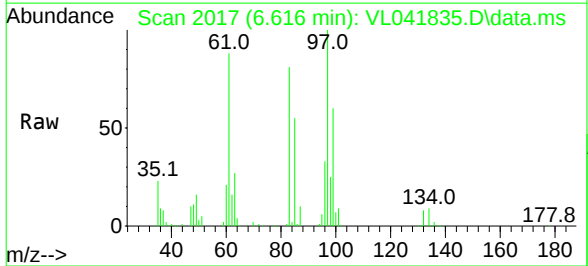
77 27.3 22.0 33.0





#47
1,1,2-Trichloroethane
Concen: 9.902 ppbv
RT: 6.616 min Scan# 2017
Delta R.T. 0.039 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

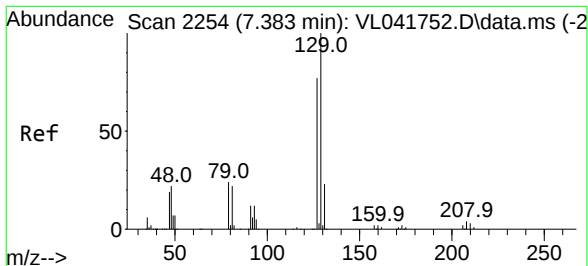
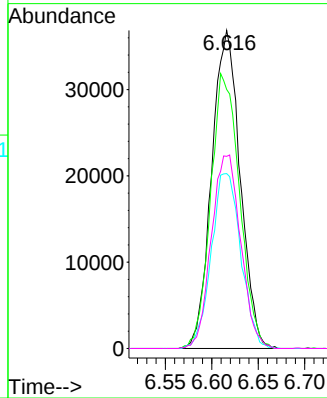
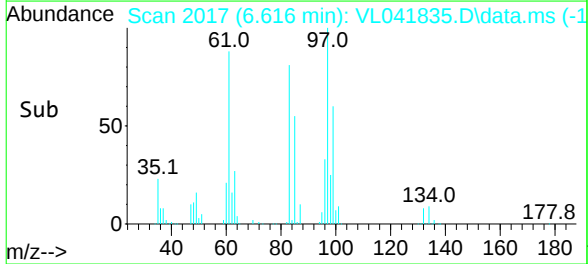
Instrument : MSVOA_L
ClientSampleId : VL0103ABS01



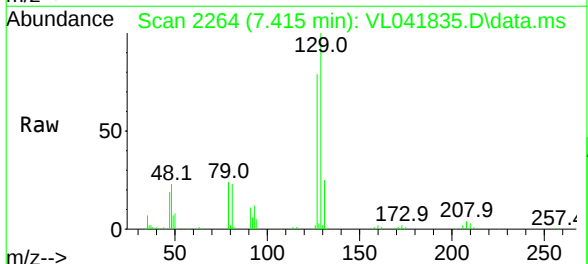
Tgt Ion: 97 Resp: 78509
Ion Ratio Lower Upper
97 100
83 81.4 72.3 108.5
85 55.0 48.5 72.7
99 60.4 54.0 81.0

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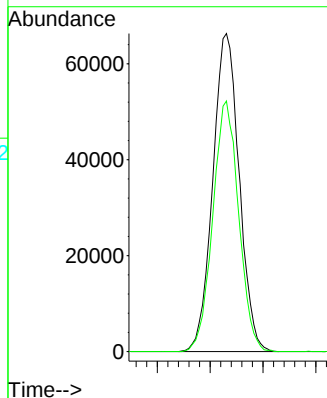
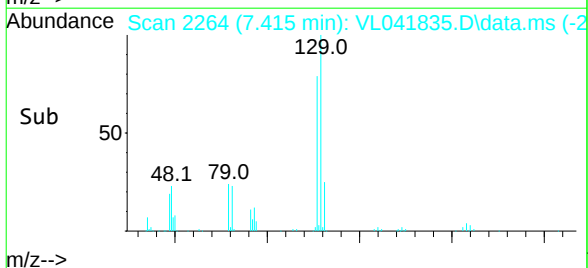
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025

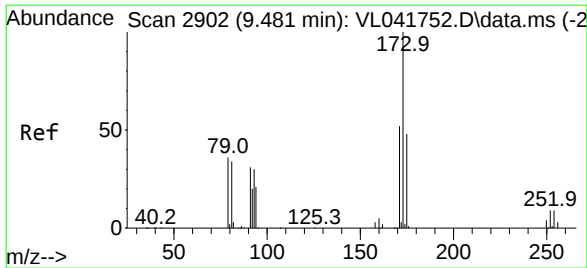


#48
Dibromochloromethane
Concen: 10.628 ppbv
RT: 7.415 min Scan# 2264
Delta R.T. 0.032 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18



Tgt Ion:129 Resp: 115064
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.3





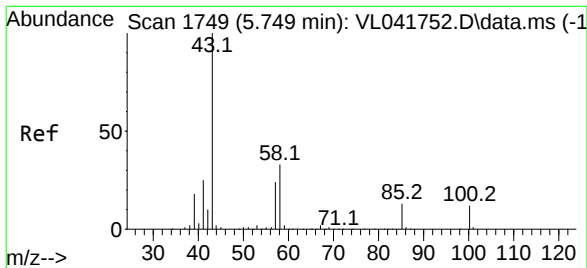
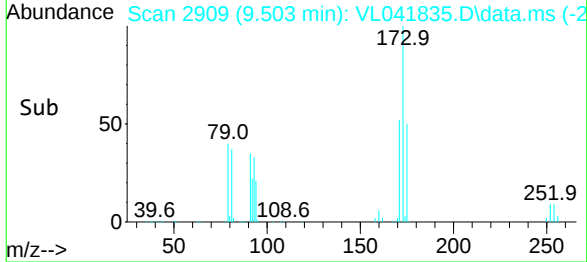
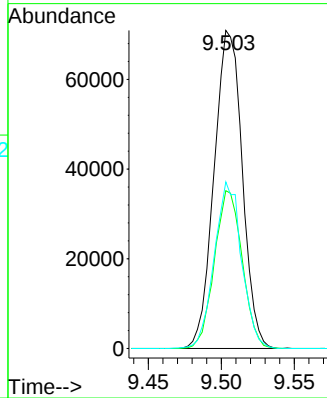
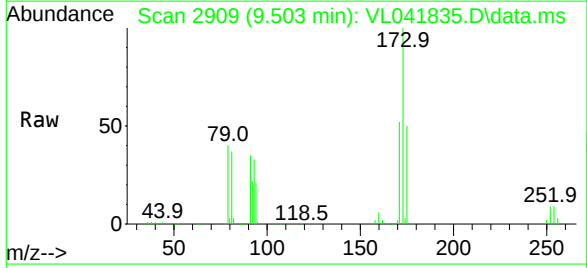
#49
Bromoform
Concen: 10.747 ppbv
RT: 9.503 min Scan# 2902
Delta R.T. 0.022 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

Instrument :
MSVOA_L
ClientSampleId :
VL0103ABS01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.9	38.2	57.2
171	50.8	41.1	61.7

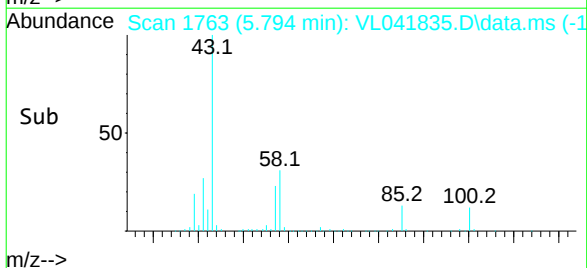
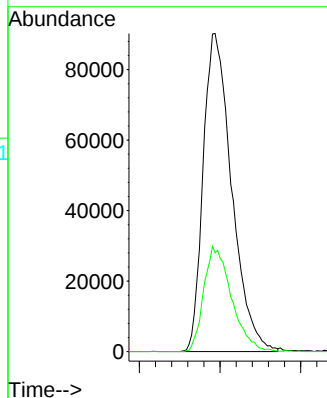
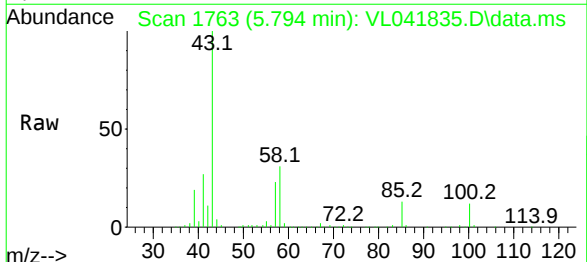
Manual Integrations
APPROVED

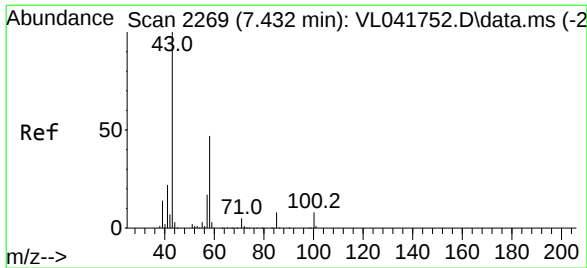
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#50
4-Methyl-2-Pentanone
Concen: 9.947 ppbv
RT: 5.794 min Scan# 1763
Delta R.T. 0.045 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

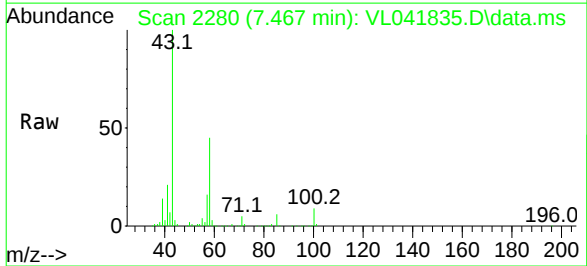
Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.2	26.8	40.2





#51
2-Hexanone
Concen: 9.726 ppbv
RT: 7.467 min Scan# 2269
Delta R.T. 0.035 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

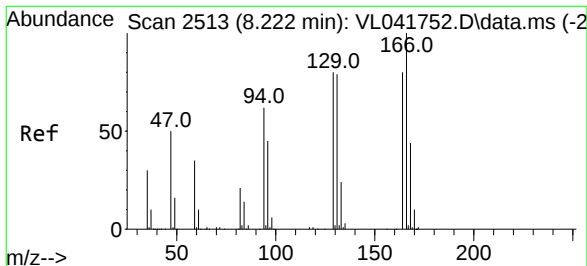
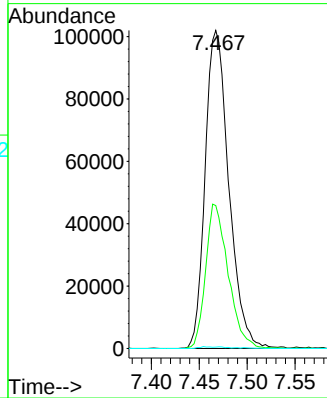
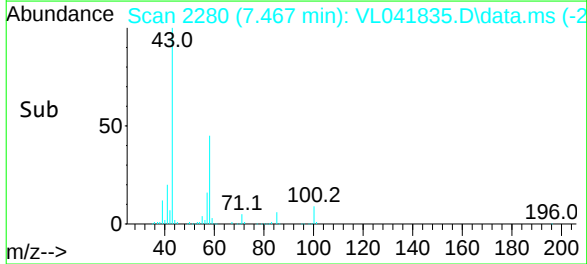
Instrument :
MSVOA_L
ClientSampleId :
VL0103ABS01



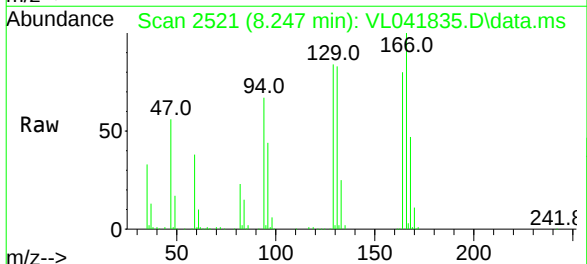
Tgt Ion: 43 Resp: 175224
Ion Ratio Lower Upper
43 100
58 43.3 36.6 55.0
98 0.7 0.1 0.1

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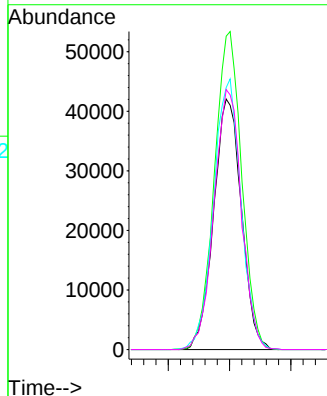
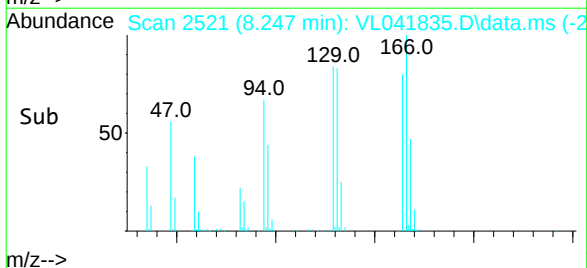
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025

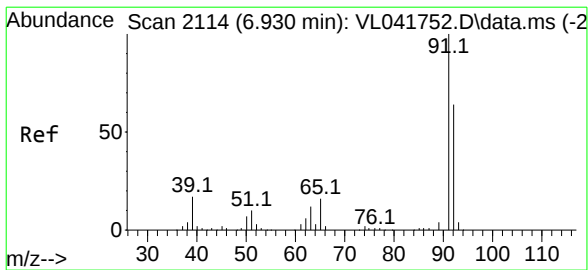


#52
Tetrachloroethene
Concen: 8.471 ppbv
RT: 8.247 min Scan# 2521
Delta R.T. 0.026 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18



Tgt Ion:164 Resp: 66177
Ion Ratio Lower Upper
164 100
166 125.1 99.8 149.6
129 104.4 79.6 119.4
131 103.8 78.6 117.8





#53

Toluene

Concen: 9.052 ppbv

RT: 6.966 min Scan# 2114

Delta R.T. 0.035 min

Lab File: VL041835.D

Acq: 03 Jan 2025 20:18

Instrument :

MSVOA_L

ClientSampleId :

VL0103ABS01

Tgt Ion: 91 Resp: 215409

Ion Ratio Lower Upper

91 100

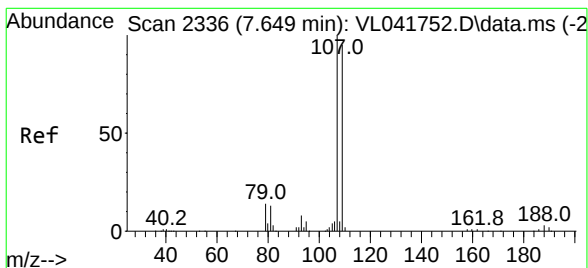
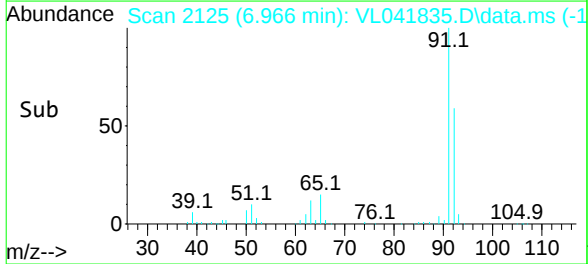
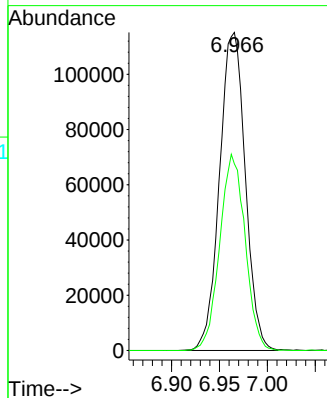
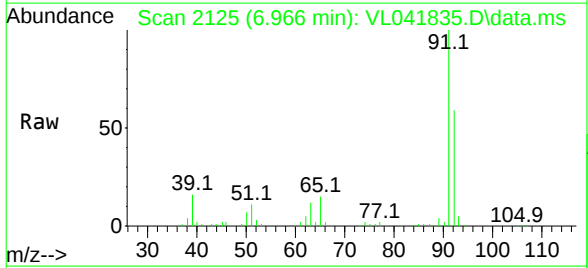
92 60.9 47.9 71.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/06/2025

Supervised By :Mahesh Dadoda 01/06/2025



#54

1,2-Dibromoethane

Concen: 9.706 ppbv

RT: 7.681 min Scan# 2346

Delta R.T. 0.032 min

Lab File: VL041835.D

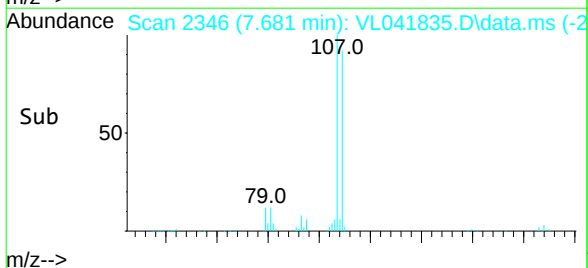
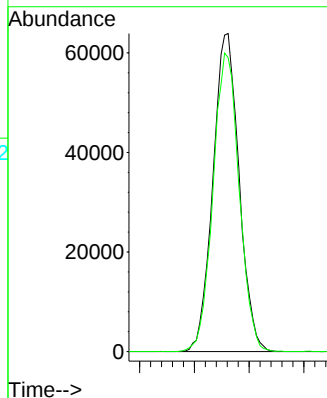
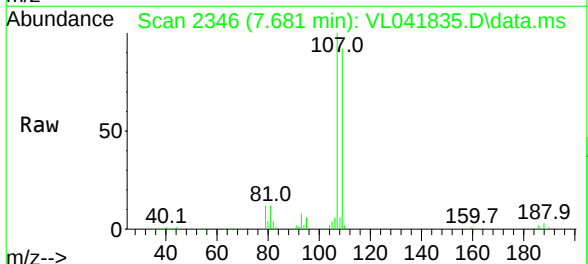
Acq: 03 Jan 2025 20:18

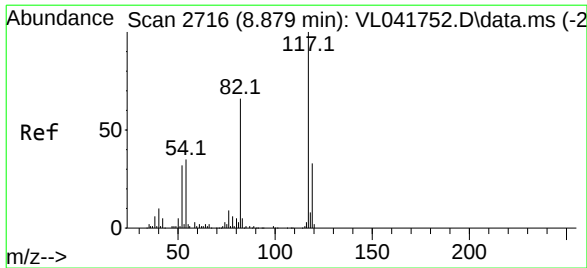
Tgt Ion:107 Resp: 106038

Ion Ratio Lower Upper

107 100

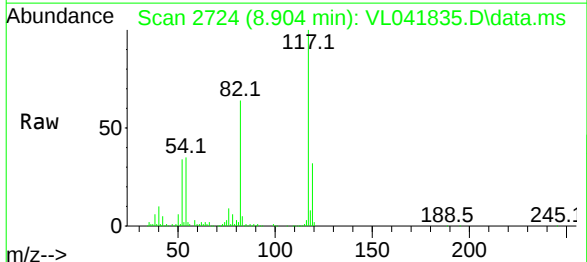
109 92.3 75.9 113.9





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.904 min Scan# 2716
Delta R.T. 0.026 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

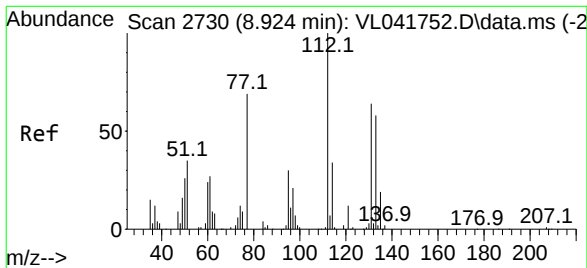
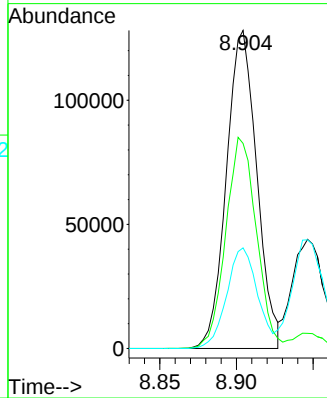
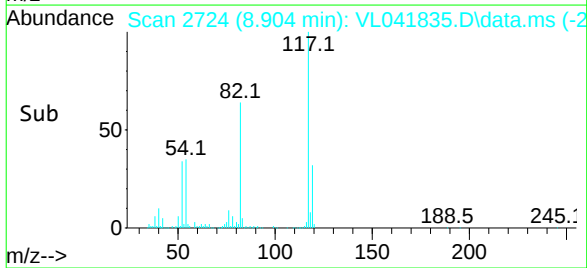
Instrument :
MSVOA_L
ClientSampleId :
VL0103ABS01



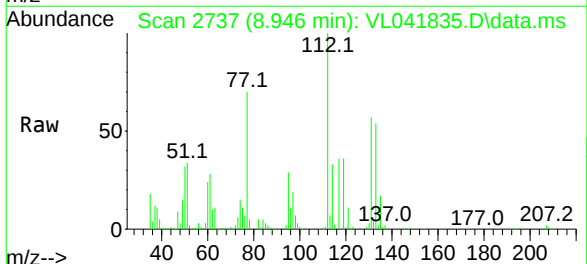
Tgt Ion:117 Resp: 176917
Ion Ratio Lower Upper
117 100
82 67.6 53.8 80.8
119 32.8 26.7 40.1

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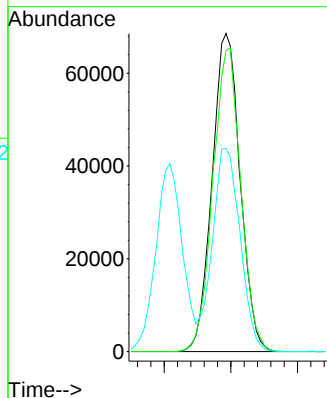
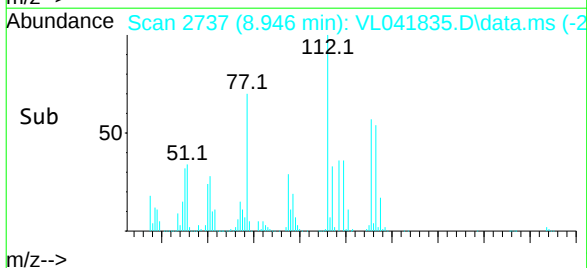
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025

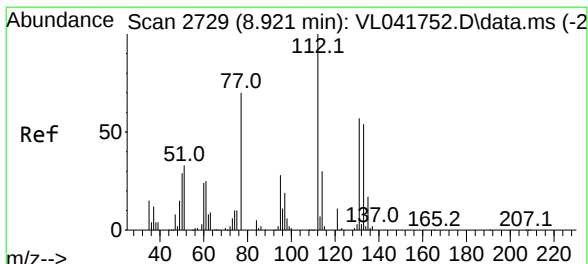


#56
1,1,1,2-Tetrachloroethane
Concen: 10.651 ppbv
RT: 8.946 min Scan# 2737
Delta R.T. 0.022 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18



Tgt Ion:131 Resp: 99893
Ion Ratio Lower Upper
131 100
133 95.1 76.8 115.2
119 63.8 49.0 73.6



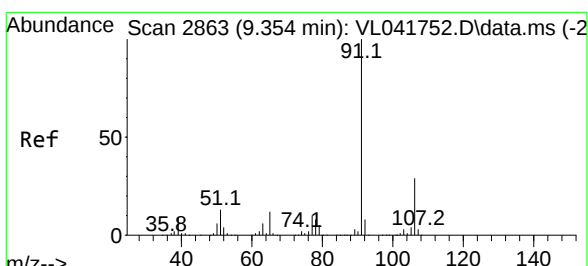
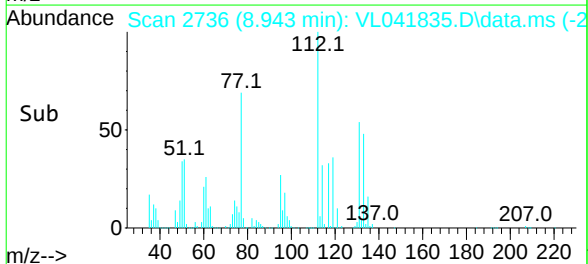
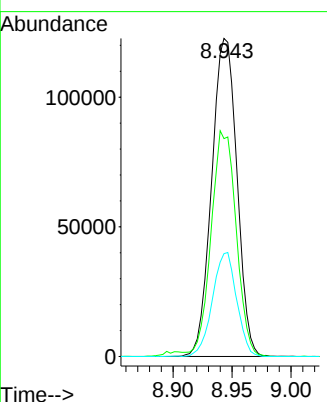
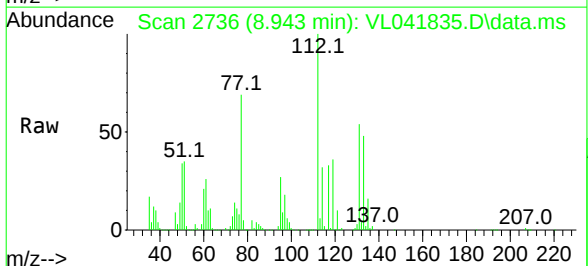


#57
 Chlorobenzene
 Concen: 10.109 ppbv
 RT: 8.943 min Scan# 2729
 Delta R.T. 0.022 min
 Lab File: VL041835.D
 Acq: 03 Jan 2025 20:18

Instrument : MSVOA_1
 ClientSampleId : VL0103ABS01

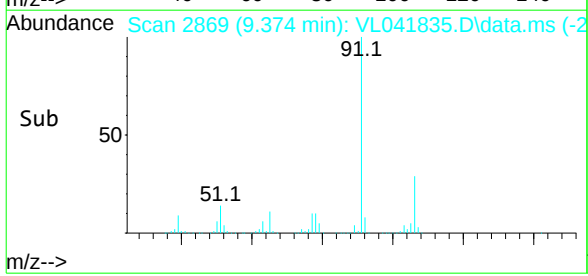
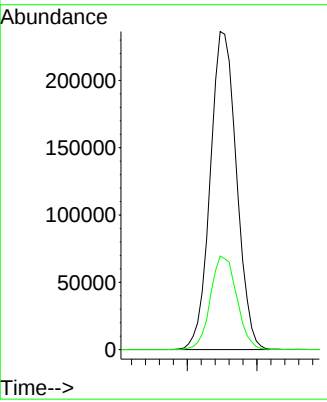
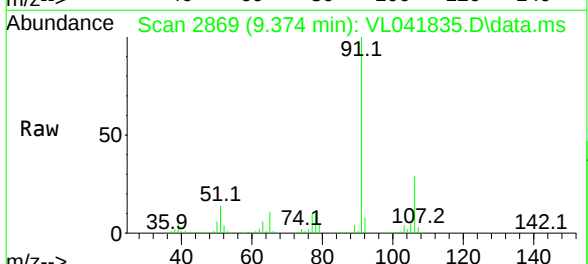
Tgt Ion:	112	Resp:	183009
Ion	Ratio	Lower	Upper
112	100		
77	68.4	57.4	86.0
114	32.3	27.4	33.4

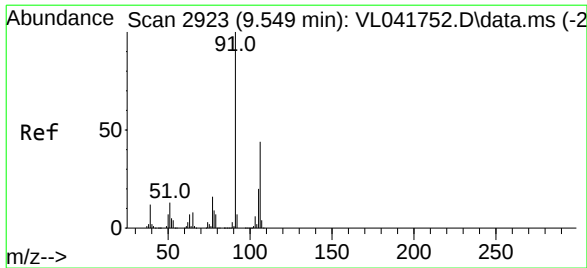
Manual Integrations
APPROVED
 Reviewed By :Semsettin Yesilyurt 01/06/2025
 Supervised By :Mahesh Dadoda 01/06/2025



#58
 Ethyl Benzene
 Concen: 9.726 ppbv
 RT: 9.374 min Scan# 2869
 Delta R.T. 0.019 min
 Lab File: VL041835.D
 Acq: 03 Jan 2025 20:18

Tgt Ion:	91	Resp:	309782
Ion	Ratio	Lower	Upper
91	100		
106	29.4	23.5	35.3





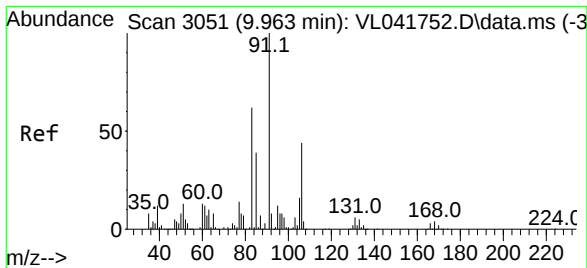
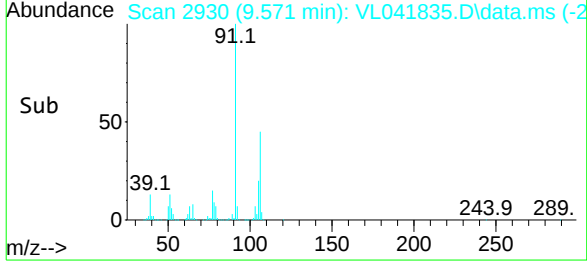
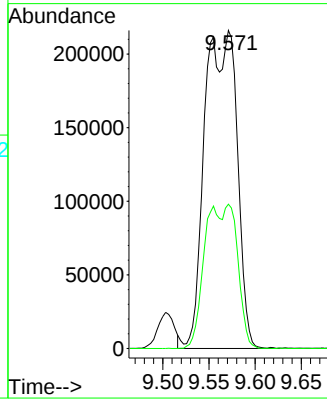
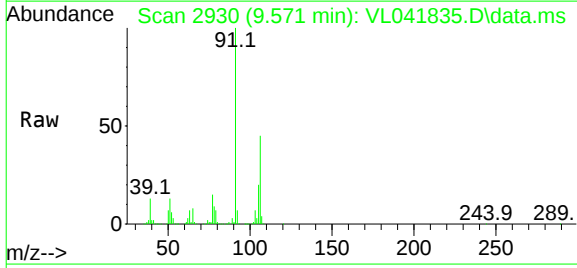
#59
m/p-Xylene
Concen: 20.611 ppbv m
RT: 9.571 min Scan# 29
Delta R.T. 0.022 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

Instrument :
MSVOA_L
ClientSampleId :
VL0103ABS01

Tgt Ion: 91 Resp: 527847
Ion Ratio Lower Upper
91 100
106 45.8 0.0 0.0#

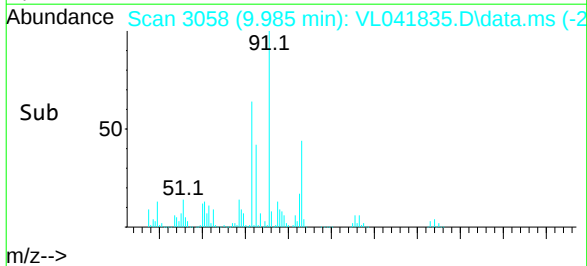
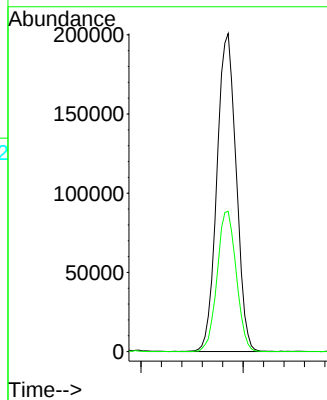
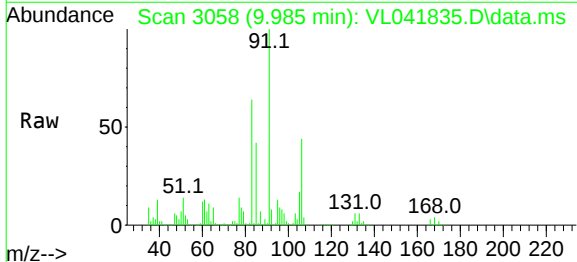
Manual Integrations
APPROVED

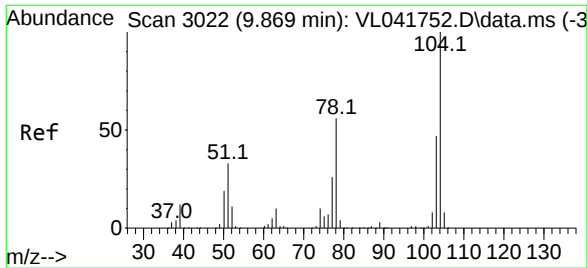
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#60
o-Xylene
Concen: 10.242 ppbv
RT: 9.985 min Scan# 3058
Delta R.T. 0.022 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

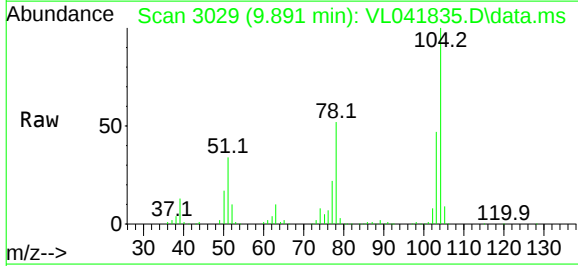
Tgt Ion: 91 Resp: 263040
Ion Ratio Lower Upper
91 100
106 43.8 21.1 63.4





#61
Styrene
Concen: 9.956 ppbv
RT: 9.891 min Scan# 3022
Delta R.T. 0.022 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

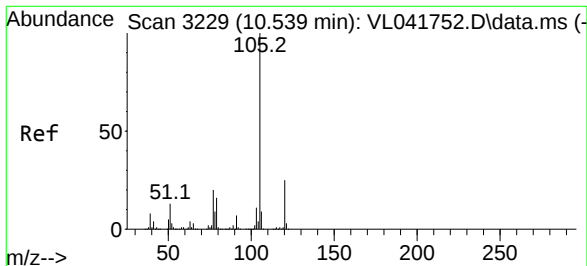
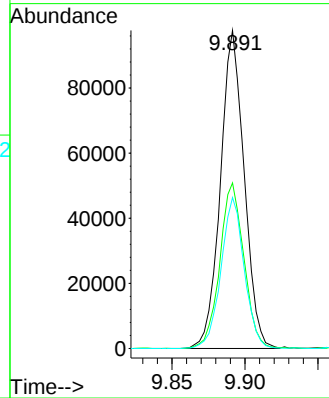
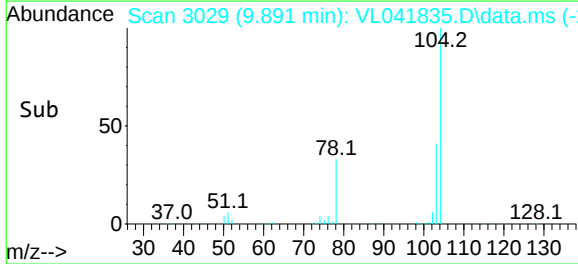
Instrument : MSVOA_L
ClientSampleId : VL0103ABS01



Tgt Ion:104 Resp: 110567
Ion Ratio Lower Upper
104 100
78 52.9 43.8 65.6
103 46.6 37.8 56.6

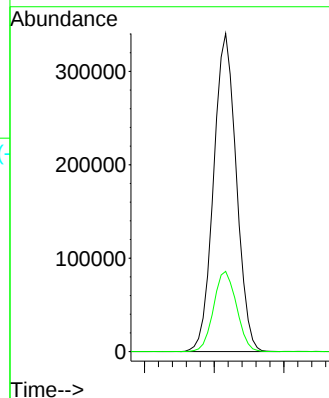
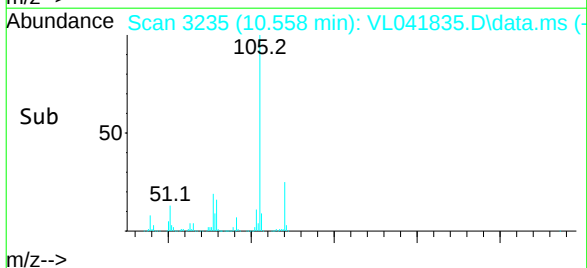
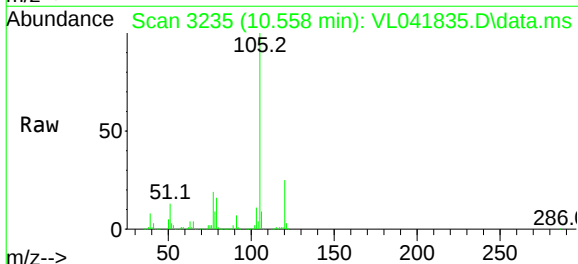
Manual Integrations
APPROVED

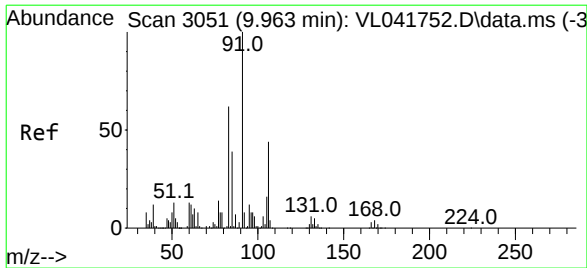
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#62
Isopropylbenzene
Concen: 9.992 ppbv
RT: 10.558 min Scan# 3235
Delta R.T. 0.019 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

Tgt Ion:105 Resp: 385547
Ion Ratio Lower Upper
105 100
120 25.5 19.8 29.8





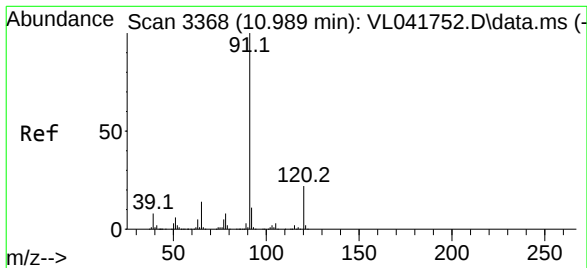
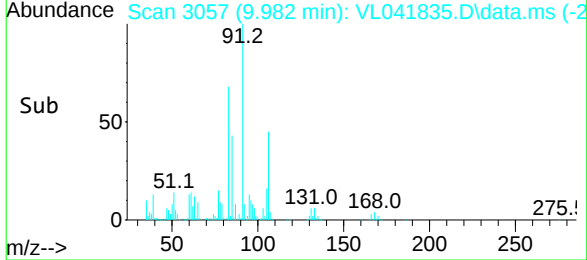
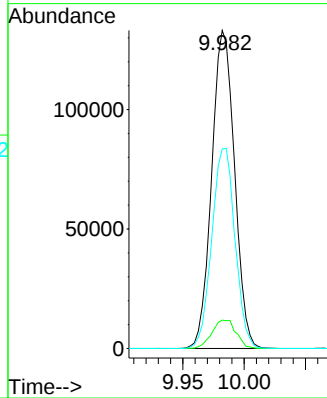
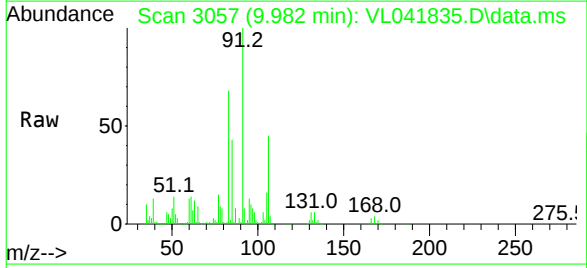
#63
1,1,2,2-Tetrachloroethane
Concen: 10.739 ppbv
RT: 9.982 min Scan# 3051
Delta R.T. 0.019 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

Instrument :
MSVOA_L
ClientSampleId :
VL0103ABS01

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.9	14.7
85	63.9	32.0	96.2

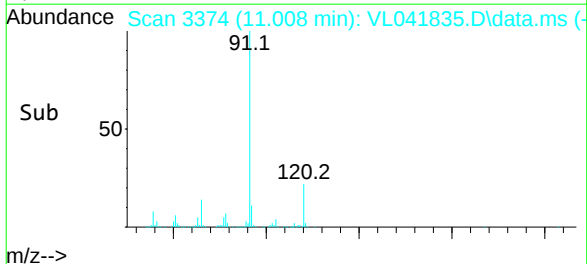
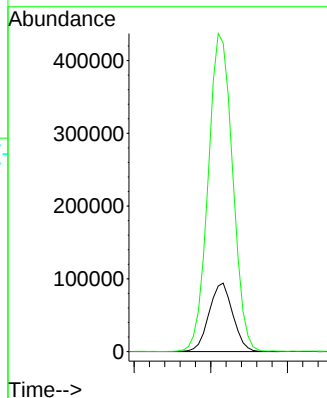
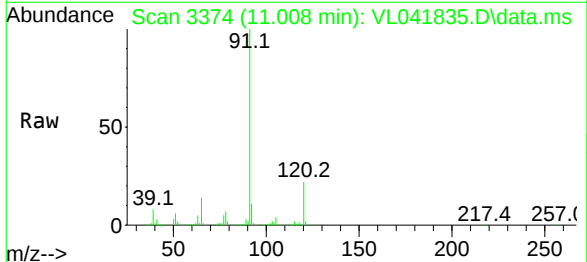
Manual Integrations
APPROVED

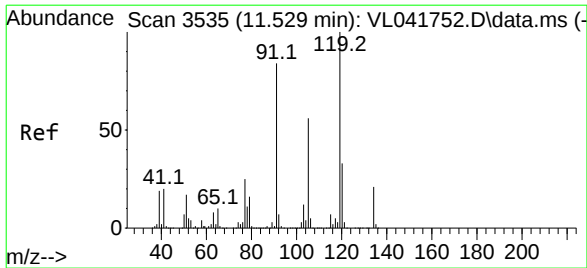
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#64
n-propylbenzene
Concen: 10.369 ppbv
RT: 11.008 min Scan# 3374
Delta R.T. 0.019 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

Tgt Ion	Ratio	Lower	Upper
120	100		
91	480.8	387.3	580.9





#65

tert-Butylbenzene

Concen: 9.970 ppbv

RT: 11.549 min Scan# 3535

Delta R.T. 0.019 min

Lab File: VL041835.D

Acq: 03 Jan 2025 20:18

Instrument :

MSVOA_L

ClientSampleId :

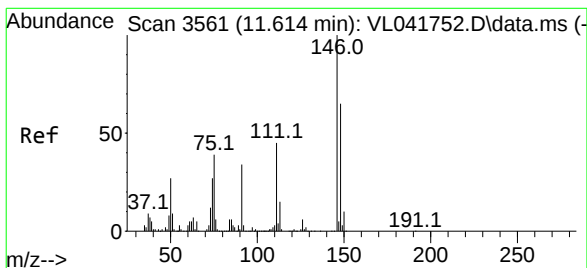
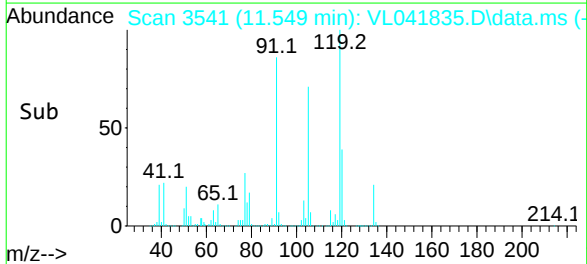
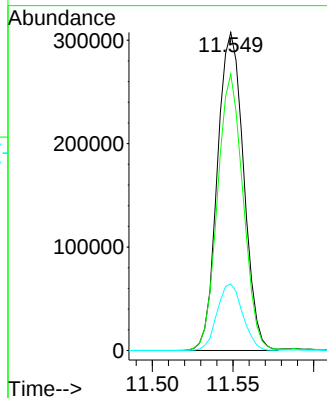
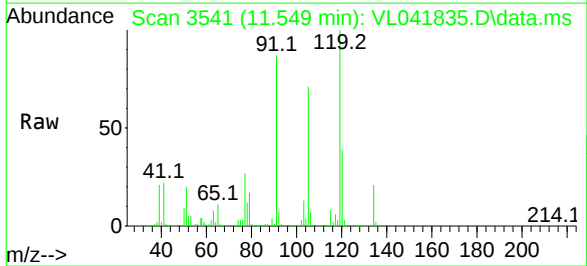
VL0103ABS01

Tgt Ion:	119	Resp:	347070
Ion	Ratio	Lower	Upper
119	100		
91	85.2	67.0	100.4
134	20.6	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: 8.845 ppbv

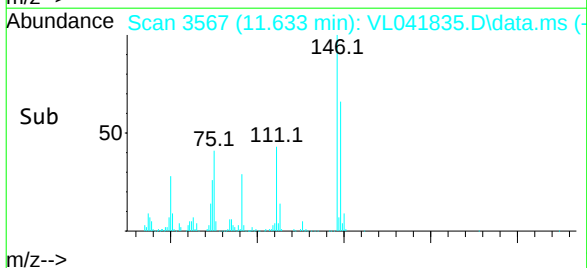
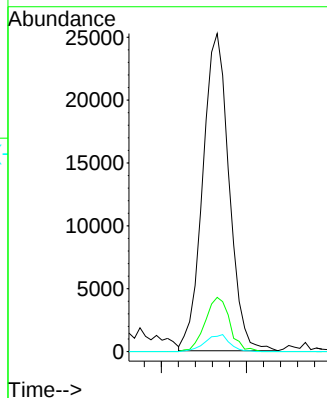
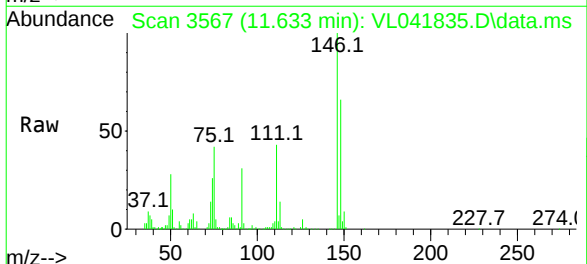
RT: 11.633 min Scan# 3567

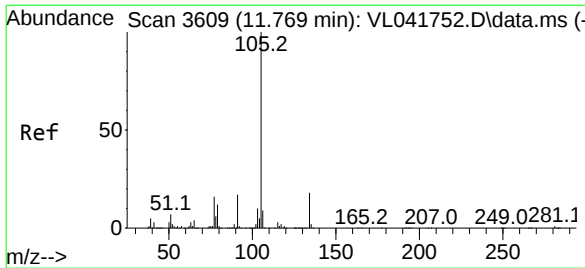
Delta R.T. 0.019 min

Lab File: VL041835.D

Acq: 03 Jan 2025 20:18

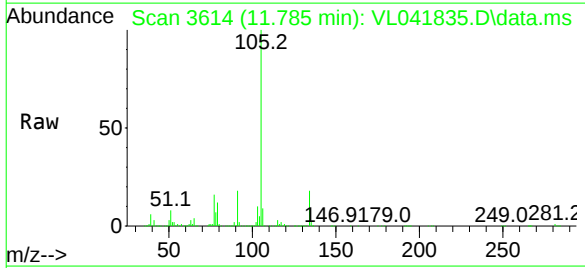
Tgt Ion:	91	Resp:	27123
Ion	Ratio	Lower	Upper
91	100		
126	16.1	13.9	20.9
128	5.0	4.4	6.6





#67
 sec-Butylbenzene
 Concen: 10.325 ppbv
 RT: 11.785 min Scan# 3609
 Delta R.T. 0.016 min
 Lab File: VL041835.D
 Acq: 03 Jan 2025 20:18

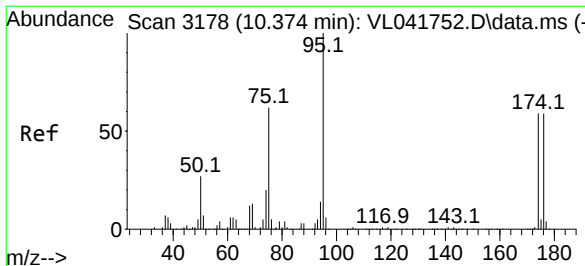
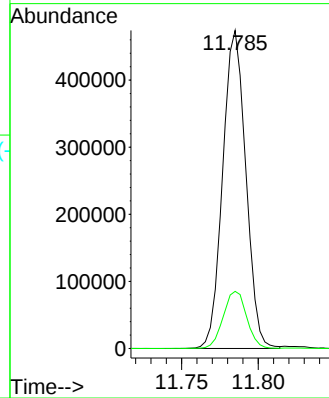
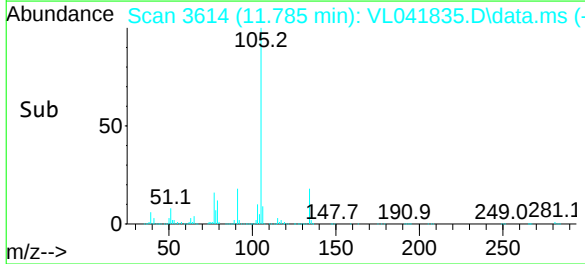
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0103ABS01



Tgt Ion: 105 Resp: 497384
 Ion Ratio Lower Upper
 105 100
 134 18.4 14.5 21.7

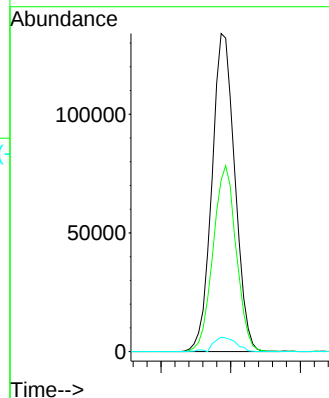
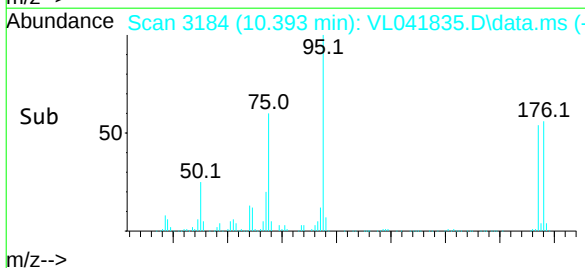
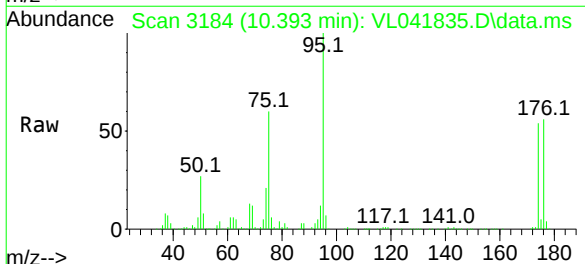
Manual Integrations
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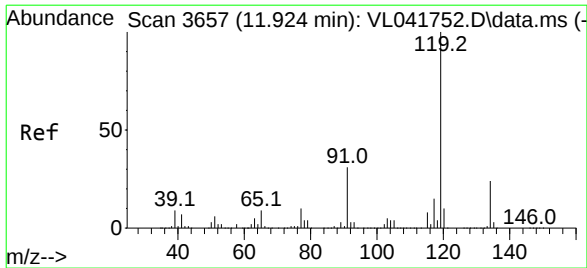
Reviewed By : Semsettin Yesilyurt 01/06/2025
 Supervised By : Mahesh Dadoda 01/06/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.407 ppbv
 RT: 10.393 min Scan# 3184
 Delta R.T. 0.019 min
 Lab File: VL041835.D
 Acq: 03 Jan 2025 20:18

Tgt Ion: 95 Resp: 153428
 Ion Ratio Lower Upper
 95 100
 174 58.8 47.6 71.4
 175 4.5 3.7 5.5





#69

p-Isopropyltoluene

Concen: 10.233 ppbv

RT: 11.944 min Scan# 3663

Delta R.T. 0.019 min

Lab File: VL041835.D

Acq: 03 Jan 2025 20:18

Instrument :

MSVOA_L

ClientSampleId :

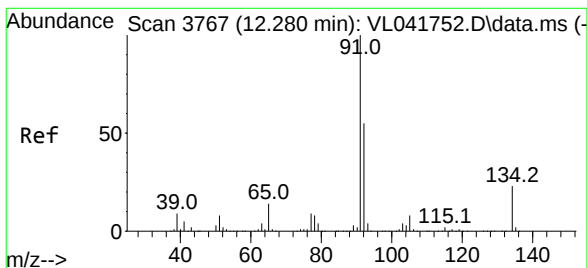
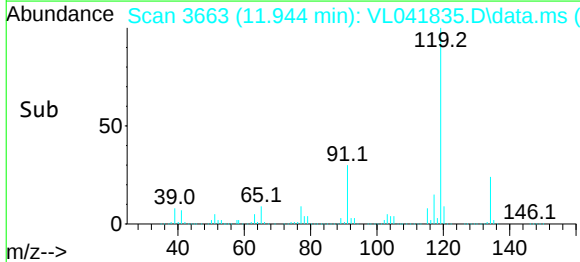
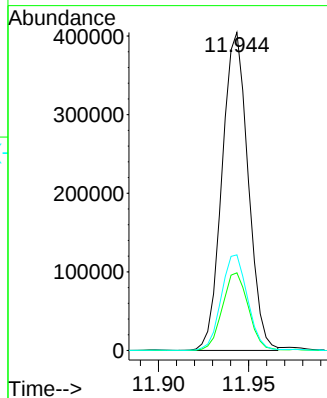
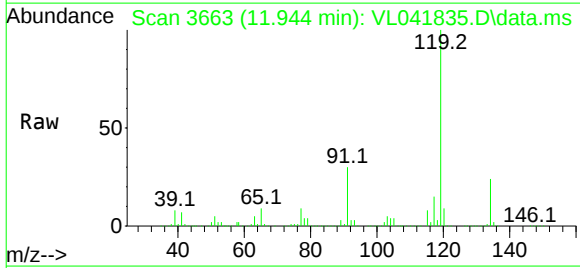
VL0103ABS01

Tgt Ion:	119	Resp:	406259
Ion	Ratio	Lower	Upper
119	100		
134	24.7	19.6	29.4
91	30.9	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: 10.579 ppbv

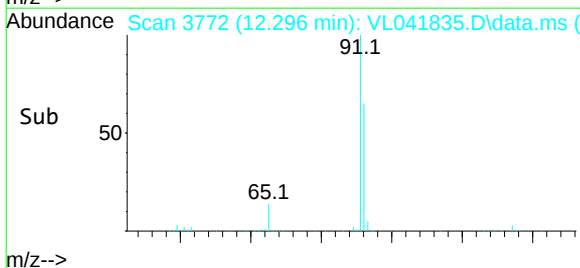
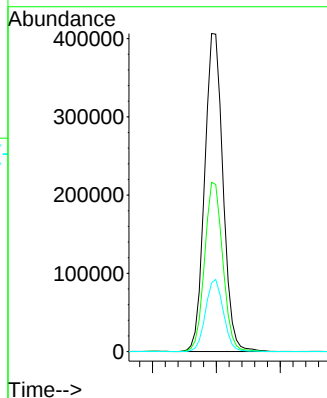
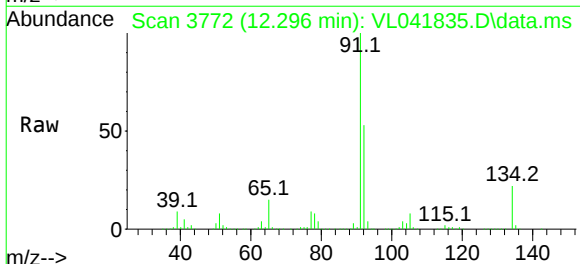
RT: 12.296 min Scan# 3772

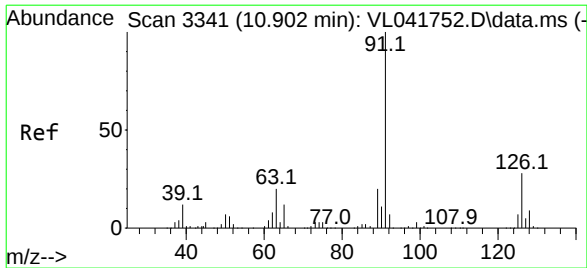
Delta R.T. 0.016 min

Lab File: VL041835.D

Acq: 03 Jan 2025 20:18

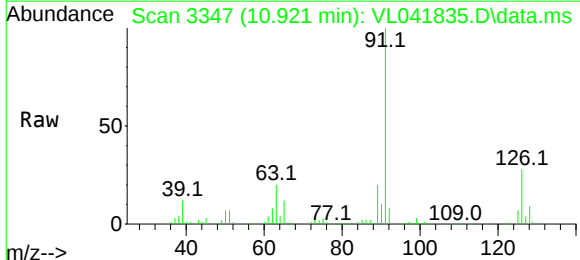
Tgt Ion:	91	Resp:	405788
Ion	Ratio	Lower	Upper
91	100		
92	52.9	43.2	64.8
134	22.1	18.2	27.4





#71
2-Chlorotoluene
Concen: 10.006 ppbv
RT: 10.921 min Scan# 3347
Delta R.T. 0.019 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

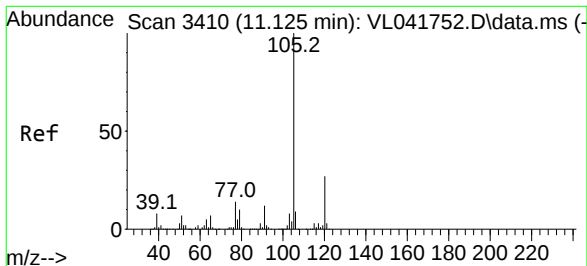
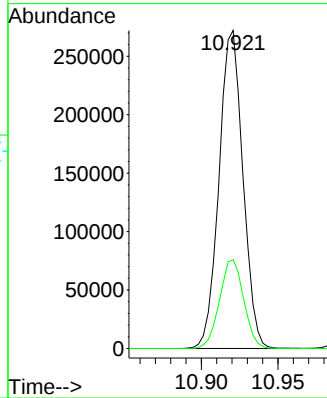
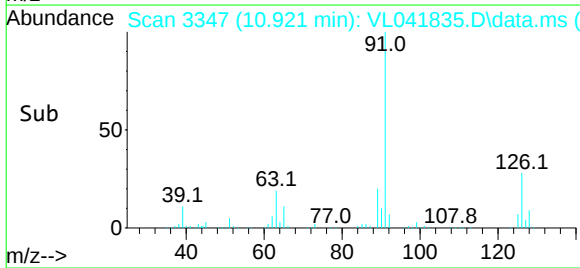
Instrument :
MSVOA_L
ClientSampleId :
VL0103ABS01



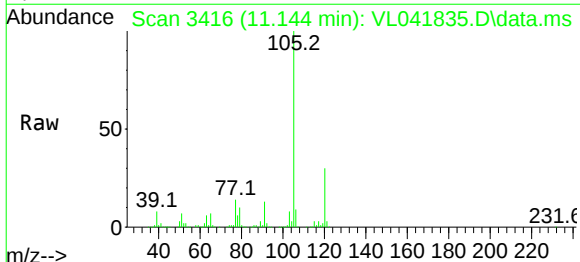
Tgt Ion: 91 Resp: 294703
Ion Ratio Lower Upper
91 100
126 28.2 11.6 46.4

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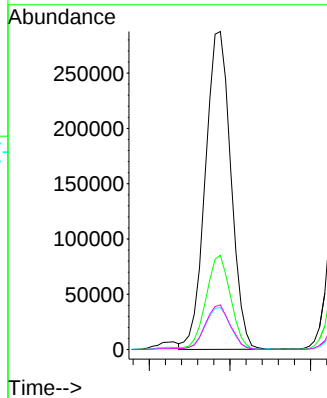
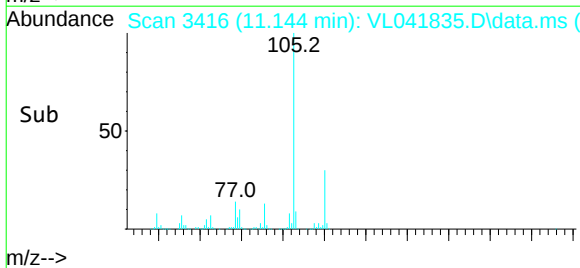
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025

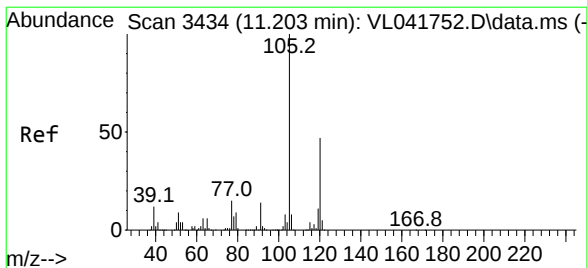


#72
4-Ethyltoluene
Concen: 10.420 ppbv
RT: 11.144 min Scan# 3416
Delta R.T. 0.019 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18



Tgt Ion:105 Resp: 315873
Ion Ratio Lower Upper
105 100
120 29.4 23.3 34.9
91 13.8 10.9 16.3
77 14.2 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 10.680 ppbv

RT: 11.222 min Scan# 3434

Delta R.T. 0.019 min

Lab File: VL041835.D

Acq: 03 Jan 2025 20:18

Instrument :

MSVOA_L

ClientSampleId :

VL0103ABS01

Tgt Ion:105 Resp: 268602

Ion Ratio Lower Upper

105 100

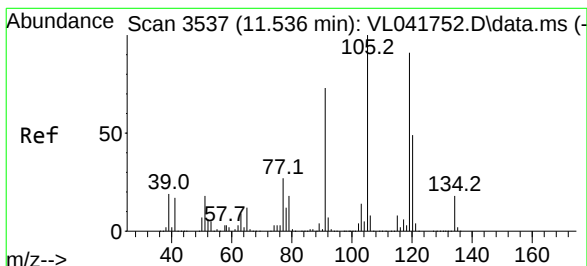
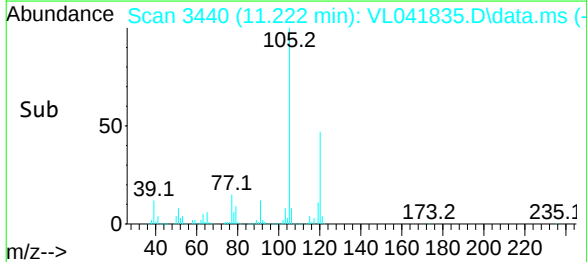
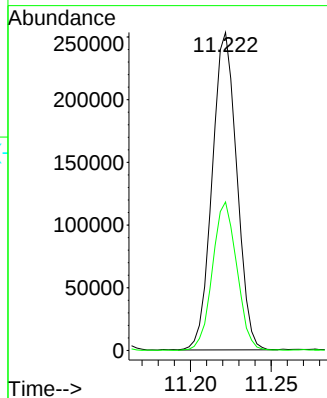
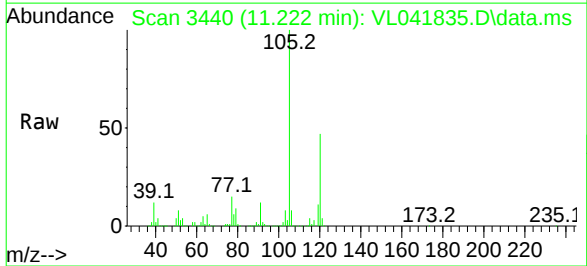
120 46.7 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/06/2025

Supervised By :Mahesh Dadoda 01/06/2025



#74

1,2,4-Trimethylbenzene

Concen: 11.066 ppbv

RT: 11.555 min Scan# 3543

Delta R.T. 0.019 min

Lab File: VL041835.D

Acq: 03 Jan 2025 20:18

Tgt Ion:105 Resp: 299293

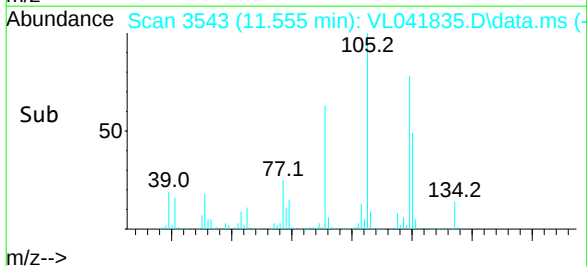
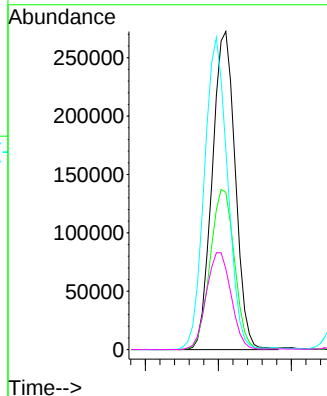
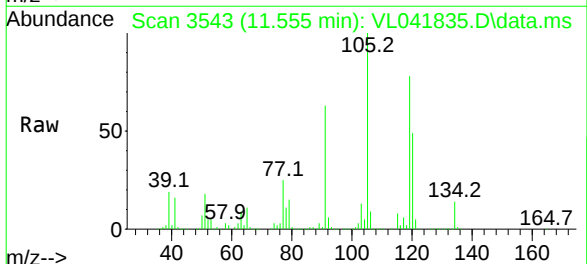
Ion Ratio Lower Upper

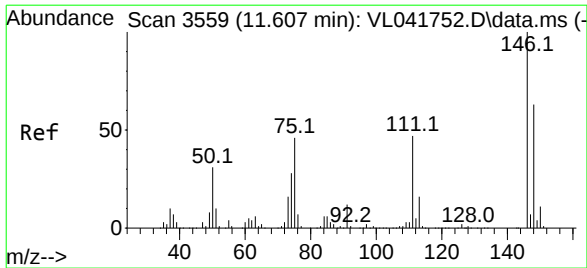
105 100

120 49.4 39.0 58.4

91 62.8 58.1 87.1

77 25.4 21.8 32.8





#75

1,3-Dichlorobenzene

Concen: 10.091 ppbv

RT: 11.626 min Scan# 3559

Delta R.T. 0.019 min

Lab File: VL041835.D

Acq: 03 Jan 2025 20:18

Instrument :

MSVOA_L

ClientSampleId :

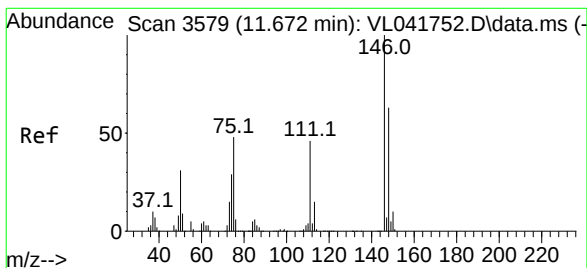
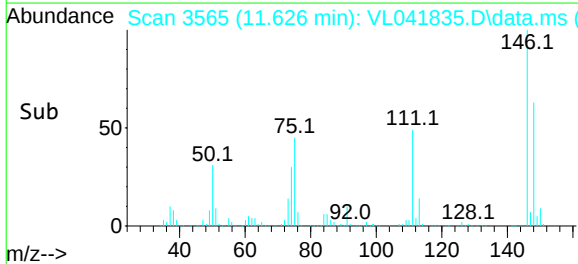
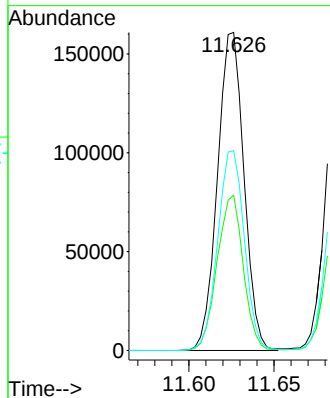
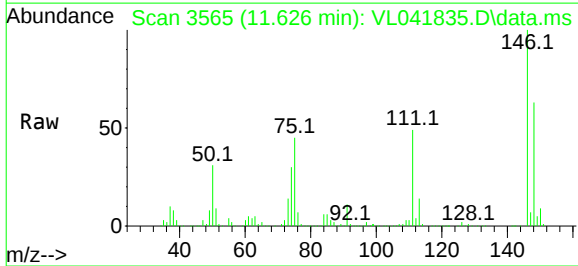
VL0103ABS01

Tgt Ion:	146	Resp:	174003
Ion Ratio	Lower	Upper	
146	100		
111	48.3	23.4	70.3
148	63.3	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: 10.219 ppbv

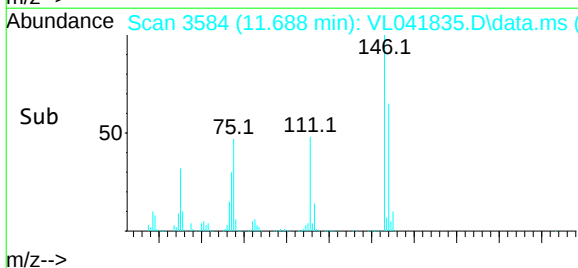
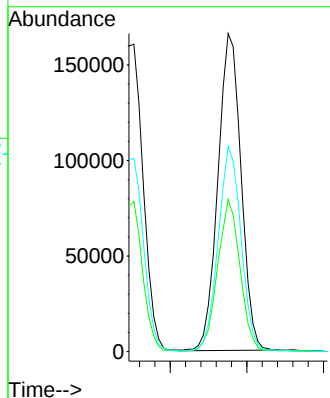
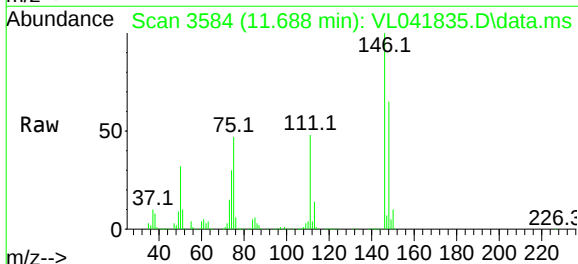
RT: 11.688 min Scan# 3584

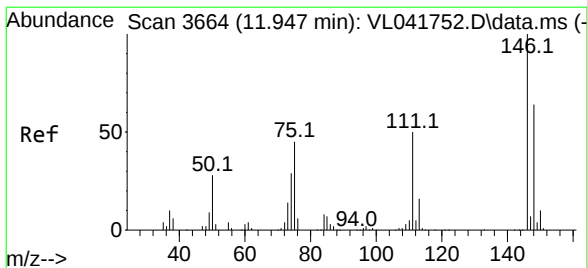
Delta R.T. 0.016 min

Lab File: VL041835.D

Acq: 03 Jan 2025 20:18

Tgt Ion:	146	Resp:	174075
Ion Ratio	Lower	Upper	
146	100		
111	47.1	22.7	68.1
148	64.8	31.4	94.0





#77

1,2-Dichlorobenzene

Concen: 10.159 ppbv

RT: 11.963 min Scan# 3669

Delta R.T. 0.016 min

Lab File: VL041835.D

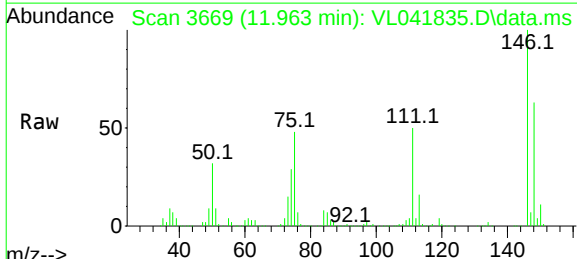
Acq: 03 Jan 2025 20:18

Instrument :

MSVOA_L

ClientSampleId :

VL0103ABS01

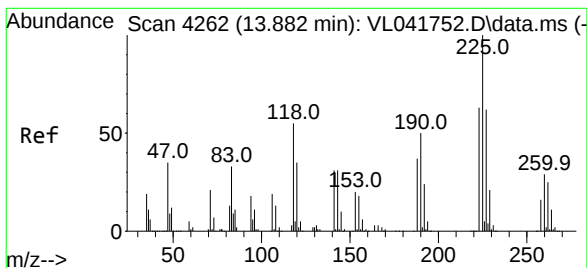
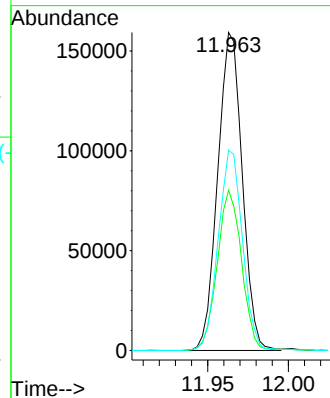
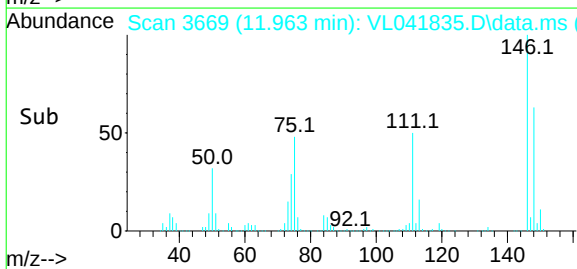


Tgt Ion:	146	Resp:	168563
Ion	Ratio	Lower	Upper
146	100		
111	50.0	24.8	74.3
148	62.7	31.8	95.4

Manual Integrations

APPROVED

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



#78

Hexachloro-1,3-Butadiene

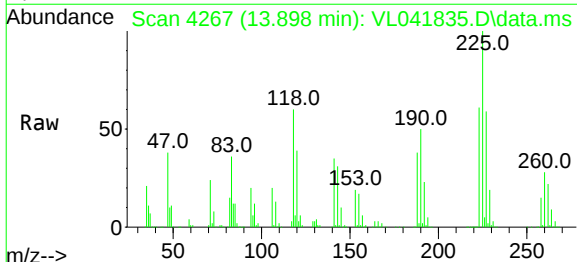
Concen: 7.991 ppbv

RT: 13.898 min Scan# 4267

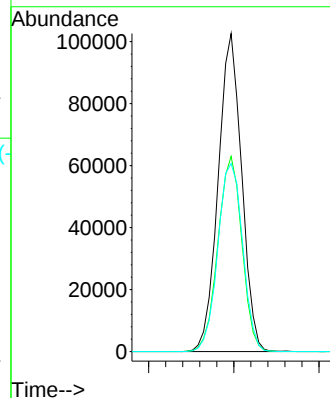
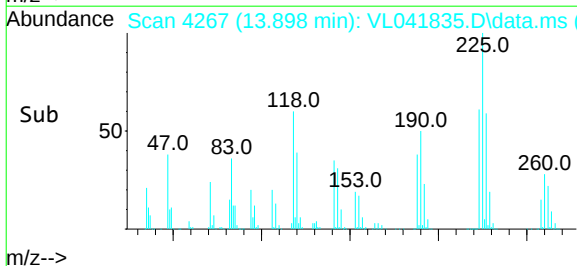
Delta R.T. 0.016 min

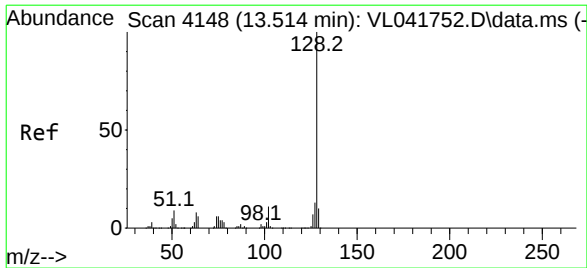
Lab File: VL041835.D

Acq: 03 Jan 2025 20:18



Tgt Ion:	225	Resp:	98307
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.5	75.7
227	62.6	50.3	75.5





#79

Naphthalene

Concen: 11.030 ppbv

RT: 13.529 min Scan# 4148

Delta R.T. 0.016 min

Lab File: VL041835.D

Acq: 03 Jan 2025 20:18

Instrument :

MSVOA_L

ClientSampleId :

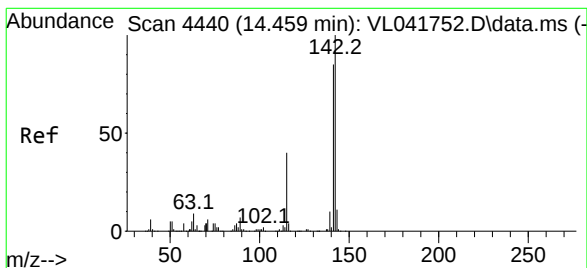
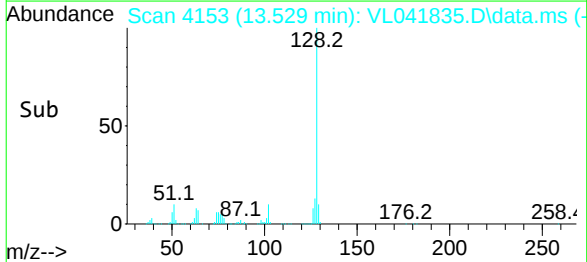
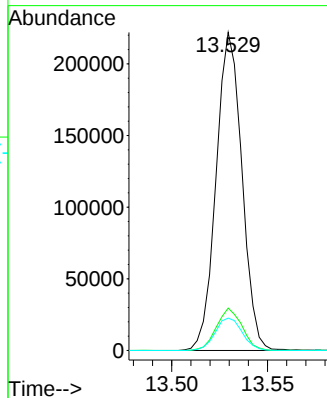
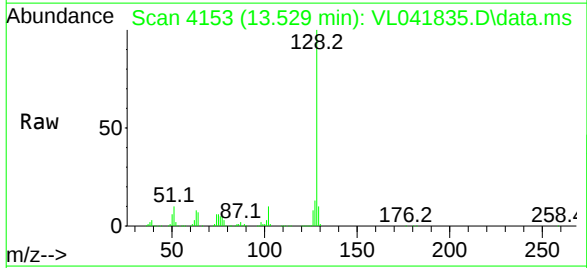
VL0103ABS01

Tgt Ion:	128	Resp:	207867
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.7	16.1
129	10.2	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: 13.690 ppbv

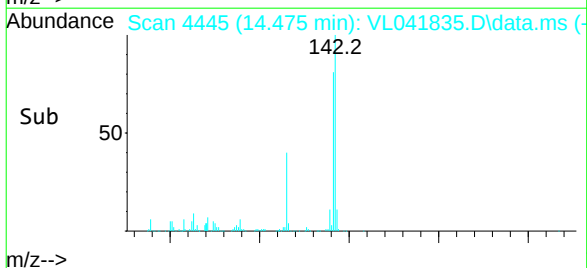
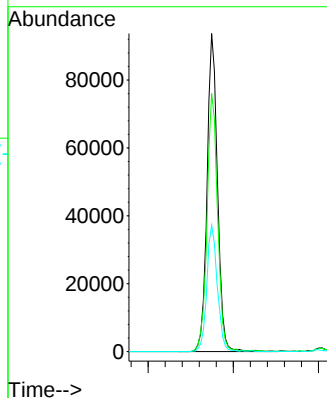
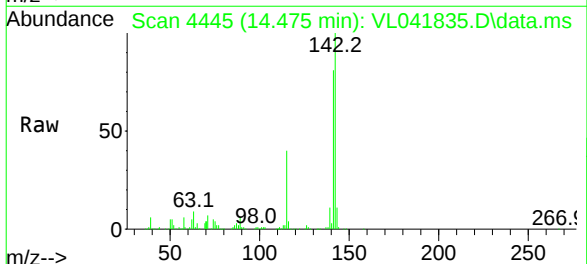
RT: 14.475 min Scan# 4445

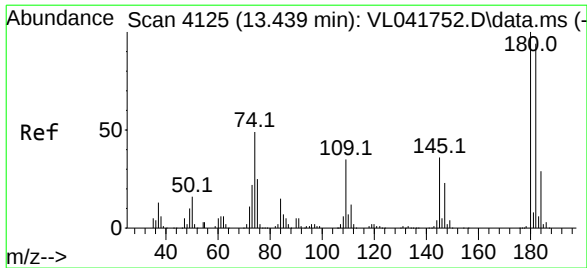
Delta R.T. 0.016 min

Lab File: VL041835.D

Acq: 03 Jan 2025 20:18

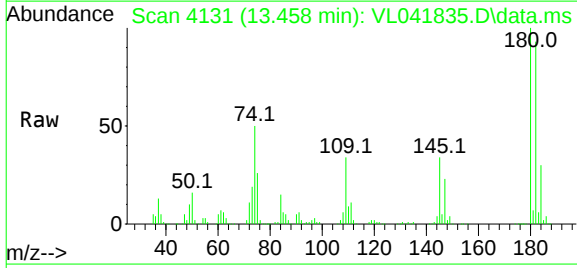
Tgt Ion:	142	Resp:	79796
Ion Ratio	Lower	Upper	
142	100		
141	82.6	68.4	102.6
115	40.3	32.5	48.7





#81
1,2,4-Trichlorobenzene
Concen: 9.524 ppbv
RT: 13.458 min Scan# 41
Delta R.T. 0.019 min
Lab File: VL041835.D
Acq: 03 Jan 2025 20:18

Instrument :
MSVOA_L
ClientSampleId :
VL0103ABS01



Tgt Ion:	180	Resp:	98074
Ion Ratio	Lower	Upper	
180	100		
182	93.8	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

