

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010725\
 Data File : VL041845.D
 Acq On : 07 Jan 2025 14:10
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL010725

Quant Time: Jan 08 03:34:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Jan 08 03:26:12 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 01/09/2025
 Supervised By : Mahesh Dadoda 01/09/2025

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

Internal Standards						
1) Bromochloromethane	2.803	49	92601	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.981	114	213759	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.904	117	184732	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.396	95	162329	10.260	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.505	85	143451	9.441	ppbv	100
3) Chlorodifluoromethane	1.483	51	139125	9.583	ppbv	99
4) Chloromethane	1.538	50	60267	9.646	ppbv	95
5) Vinyl Chloride	1.586	62	56034	8.892	ppbv	99
6) Bromomethane	1.674	94	24662	9.136	ppbv	97
7) Chloroethane	1.712	64	22332	9.206	ppbv	100
8) Dichlorotetrafluoroethane	1.560	85	125137	9.546	ppbv	100
9) Propene	1.489	41	50222	9.937	ppbv	100
10) Heptane	5.014	43	147223	11.792	ppbv	99
11) Trichlorofluoromethane	1.887	101	145924	9.445	ppbv	96
12) 1,1,2-Trichlorotrifluo...	2.149	101	110289	9.585	ppbv	99
13) Ethanol	1.729	45	3821m	5.755	ppbv	
14) Bromoethene	1.790	108	36353	9.651	ppbv	97
15) Acetone	1.845	43	135381	7.941	ppbv	98
16) 1,3-Butadiene	1.615	39	63555	9.507	ppbv	100
17) tert-Butyl alcohol	2.052	59	145313	9.837	ppbv	99
18) 1,1-Dichloroethene	2.046	96	46435	9.639	ppbv	100
19) Isopropyl Alcohol	1.894	45	69422	8.675	ppbv	100
20) Methylene Chloride	2.072	84	41389	8.492	ppbv	97
21) Allyl Chloride	2.107	41	88763	10.107	ppbv	99
22) trans-1,2-Dichloroethene	2.353	96	51425	9.551	ppbv	94
23) Vinyl Acetate	2.476	43	49964	9.423	ppbv	97
24) 1,1-Dichloroethane	2.421	63	112770	9.570	ppbv	98
25) Ethyl Acetate	2.852	43	306986	10.738	ppbv	99
26) Hexane	2.842	57	111357	11.223	ppbv	99
27) Carbon Disulfide	2.162	76	105565	11.210	ppbv	96
28) Methyl tert-Butyl Ether	2.454	73	77901	10.417	ppbv	100
29) Chloroform	2.865	83	175788	9.536	ppbv	98
30) Cyclohexane	3.881	84	88761	11.797	ppbv	99
31) cis-1,2-Dichloroethene	2.735	61	106195	10.398	ppbv	96
32) 1,1,1-Trichloroethane	3.386	97	164951	9.874	ppbv	99
34) 2-Butanone	2.570	43	174729	10.377	ppbv	99
35) Carbon Tetrachloride	3.784	117	168248	10.414	ppbv	96
36) Benzene	3.680	78	219166	10.733	ppbv	99
37) 1,2-Dichloroethane	3.237	62	135149	10.067	ppbv	100
38) Trichloroethene	4.580	130	82268	10.476	ppbv	99
39) 1,2-Dichloropropane	4.341	63	80184	10.151	ppbv	98
40) 1,4-Dioxane	4.616	88	35756	11.695	ppbv #	95
41) Tetrahydrofuran	3.072	42	94659	11.934	ppbv	99
42) Bromodichloromethane	4.515	83	171595	10.899	ppbv	96
43) Methyl Methacrylate	4.910	69	78647	12.265	ppbv	99
44) 2,2,4-Trimethylpentane	4.667	57	393434	11.694	ppbv	99
45) t-1,3-Dichloropropene	6.451	75	68913	11.008	ppbv	94

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Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/09/2025
 Supervised By : Mahesh Dadoda 01/09/2025

Quant Time: Jan 08 03:34:00 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010725AIR.M

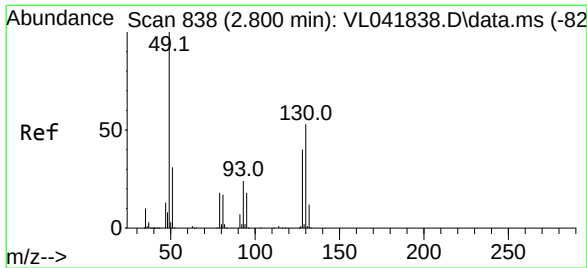
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Wed Jan 08 03:26:12 2025

Response via : Initial Calibration

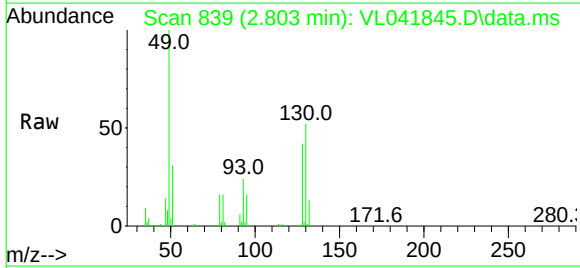
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.635	75	95759	11.616	ppbv	99
47) 1,1,2-Trichloroethane	6.616	97	83220	9.973	ppbv	93
48) Dibromochloromethane	7.415	129	122520	11.520	ppbv	99
49) Bromoform	9.506	173	101879	11.953	ppbv	99
50) 4-Methyl-2-Pentanone	5.794	43	243893m	12.525	ppbv	
51) 2-Hexanone	7.467	43	193644	13.141	ppbv	99
52) Tetrachloroethene	8.250	164	67208	11.100	ppbv	95
53) Toluene	6.965	91	225037	12.382	ppbv	100
54) 1,2-Dibromoethane	7.678	107	110135	10.765	ppbv	97
56) 1,1,1,2-Tetrachloroethane	8.946	131	109273	10.379	ppbv	99
57) Chlorobenzene	8.943	112	189988	9.844	ppbv	98
58) Ethyl Benzene	9.373	91	326397	12.964	ppbv	97
59) m/p-Xylene	9.574	91	562576m	25.362	ppbv	
60) o-Xylene	9.985	91	278979	12.905	ppbv	99
61) Styrene	9.891	104	112676	13.435	ppbv	99
62) Isopropylbenzene	10.558	105	414931	12.217	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.985	83	185879	9.806	ppbv	100
64) n-propylbenzene	11.008	120	107961	12.391	ppbv	99
65) tert-Butylbenzene	11.549	119	379928	12.414	ppbv	98
66) Benzyl Chloride	11.633	91	26131	10.193	ppbv	99
67) sec-Butylbenzene	11.785	105	536668	12.017	ppbv	100
69) p-Isopropyltoluene	11.943	119	435146	12.411	ppbv	99
70) n-Butylbenzene	12.299	91	430545	12.223	ppbv	100
71) 2-Chlorotoluene	10.921	91	304622	12.356	ppbv	100
72) 4-Ethyltoluene	11.144	105	330541	12.644	ppbv	99
73) 1,3,5-Trimethylbenzene	11.222	105	287547	12.558	ppbv	98
74) 1,2,4-Trimethylbenzene	11.555	105	320339	12.078	ppbv	90
75) 1,3-Dichlorobenzene	11.626	146	178940	10.080	ppbv	100
76) 1,4-Dichlorobenzene	11.691	146	178959	10.476	ppbv	100
77) 1,2-Dichlorobenzene	11.966	146	178111	9.629	ppbv	100
78) Hexachloro-1,3-Butadiene	13.898	225	113955	8.677	ppbv	99
79) Naphthalene	13.529	128	241962	12.385	ppbv	99
80) Naphthalene,2-methyl-	14.474	142	69167	9.565	ppbv	97
81) 1,2,4-Trichlorobenzene	13.458	180	111710	10.316	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.803 min Scan# 838
Delta R.T. 0.003 min
Lab File: VL041845.D
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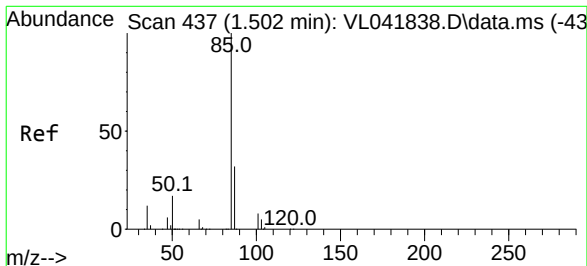
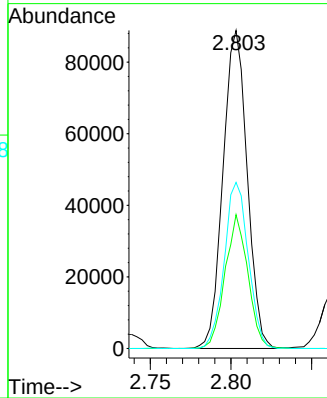
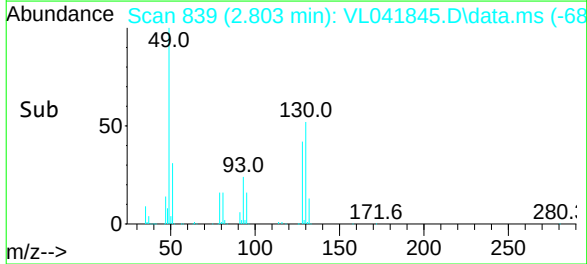
Instrument :
MSVOA_L
ClientSampleId :
ICVVL010725



Tgt Ion: 49 Resp: 92601
Ion Ratio Lower Upper
49 100
128 39.8 19.7 59.1
130 51.9 26.4 79.2

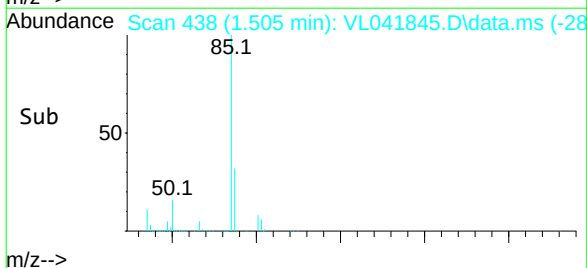
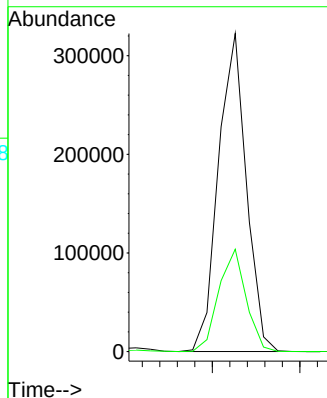
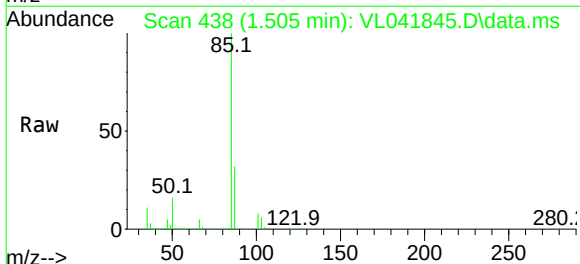
Manual Integrations
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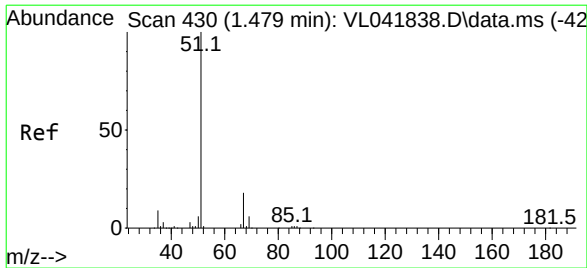
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#2
Dichlorodifluoromethane
Concen: 9.441 ppbv
RT: 1.505 min Scan# 438
Delta R.T. 0.003 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

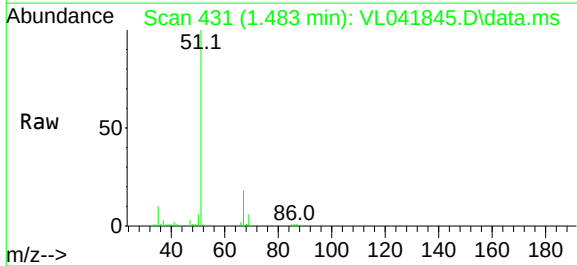
Tgt Ion: 85 Resp: 143451
Ion Ratio Lower Upper
85 100
87 32.2 25.6 38.4





#3
Chlorodifluoromethane
Concen: 9.583 ppbv
RT: 1.483 min Scan# 431
Delta R.T. 0.003 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

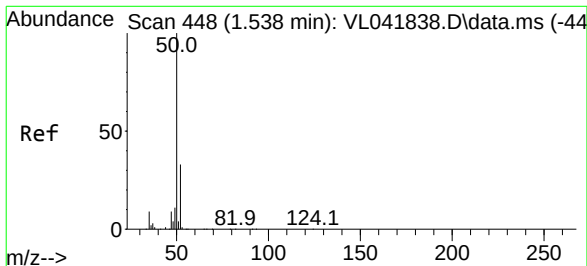
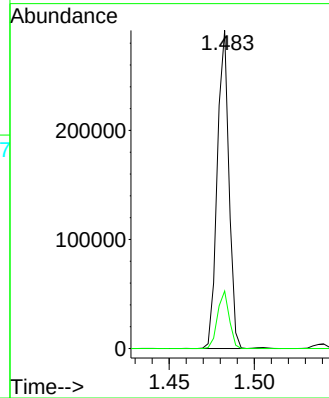
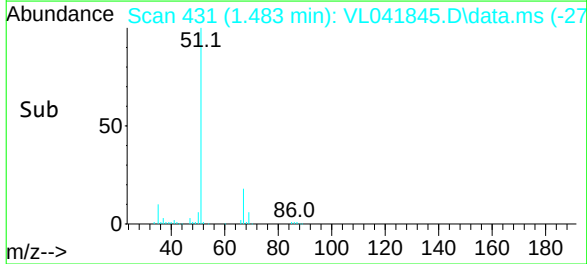
Instrument : MSVOA_L
ClientSampleId : ICVVL010725



Tgt Ion: 51 Resp: 139125
Ion Ratio Lower Upper
51 100
67 18.0 14.6 22.0

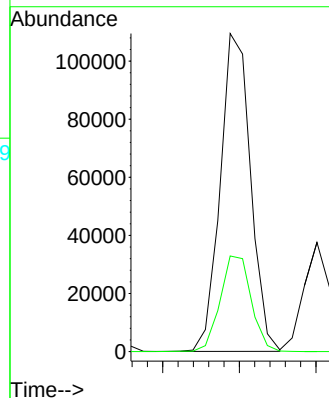
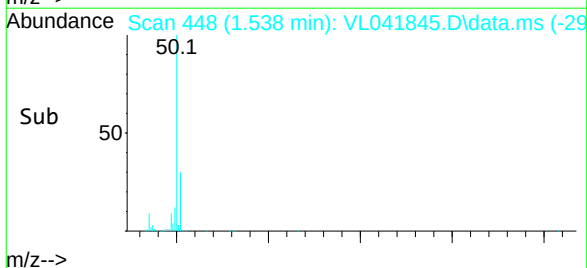
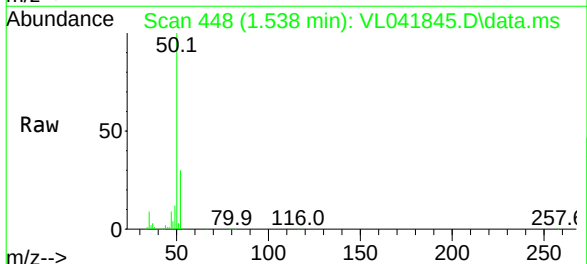
Manual Integrations
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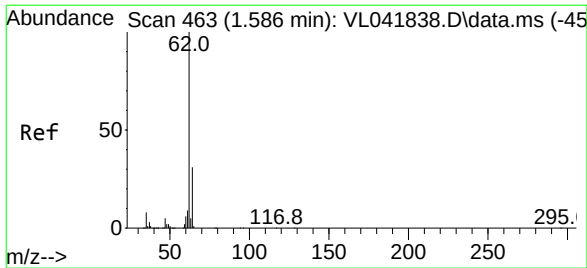
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#4
Chloromethane
Concen: 9.646 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.000 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

Tgt Ion: 50 Resp: 60267
Ion Ratio Lower Upper
50 100
52 30.0 26.1 39.1





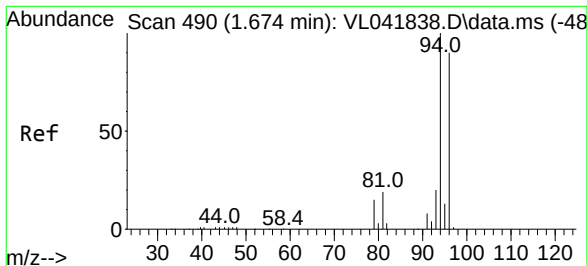
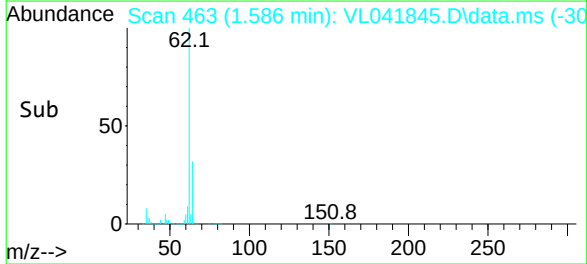
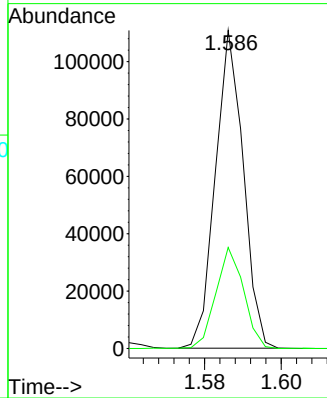
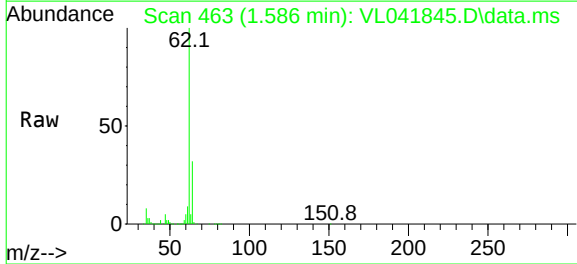
#5
 Vinyl Chloride
 Concen: 8.892 ppbv
 RT: 1.586 min Scan# 463
 Delta R.T. -0.000 min
 Lab File: VL041845.D
 Acq: 07 Jan 2025 14:10

Instrument : MSVOA_L
 ClientSampleId : ICVVL010725

Tgt Ion: 62 Resp: 56034
 Ion Ratio Lower Upper
 62 100
 64 31.8 24.9 37.3

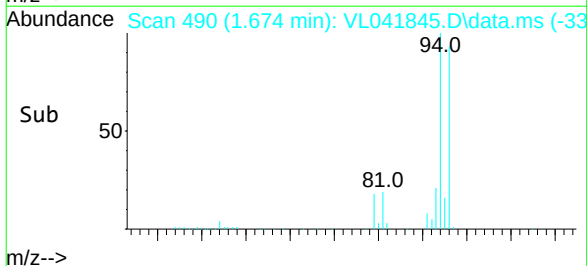
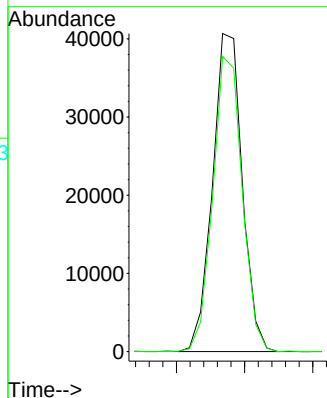
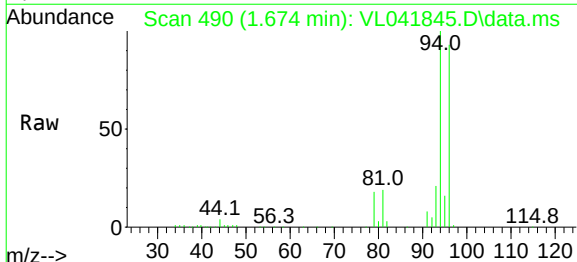
Manual Integrations
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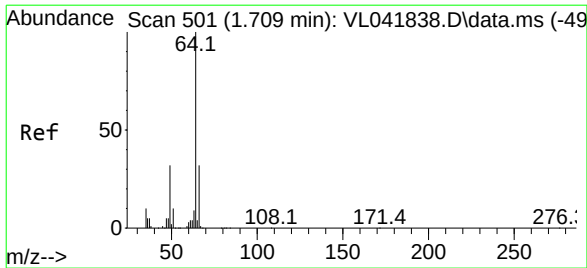
Reviewed By :Semsettin Yesilyurt 01/09/2025
 Supervised By :Mahesh Dadoda 01/09/2025



#6
 Bromomethane
 Concen: 9.136 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. -0.000 min
 Lab File: VL041845.D
 Acq: 07 Jan 2025 14:10

Tgt Ion: 94 Resp: 24662
 Ion Ratio Lower Upper
 94 100
 96 92.8 72.0 108.0





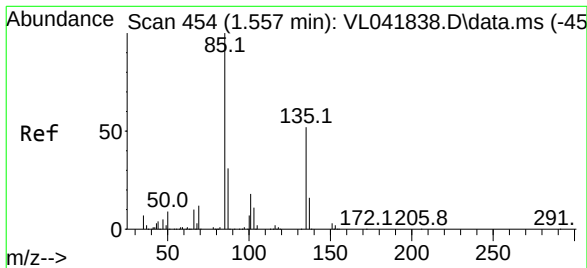
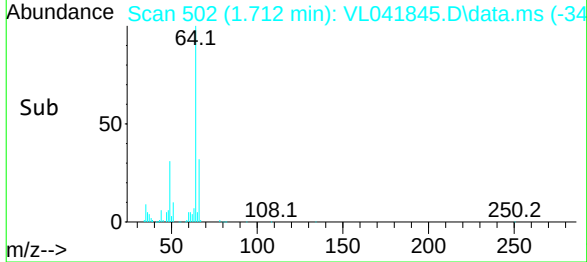
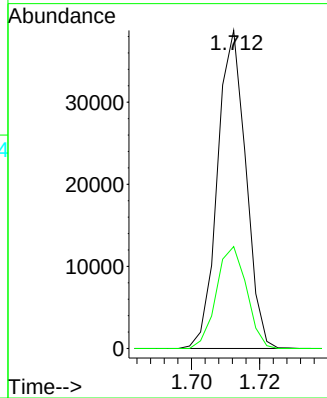
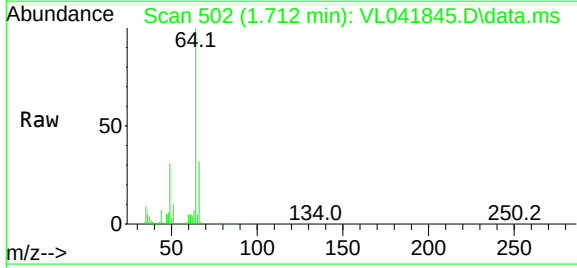
#7
Chloroethane
Concen: 9.206 ppbv
RT: 1.712 min Scan# 501
Delta R.T. 0.003 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

Instrument :
MSVOA_L
ClientSampleId :
ICVVL010725

Tgt Ion: 64 Resp: 22332
Ion Ratio Lower Upper
64 100
66 32.0 25.6 38.4

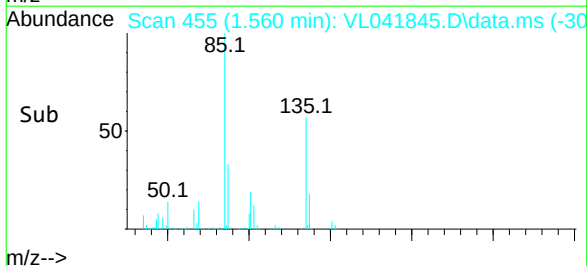
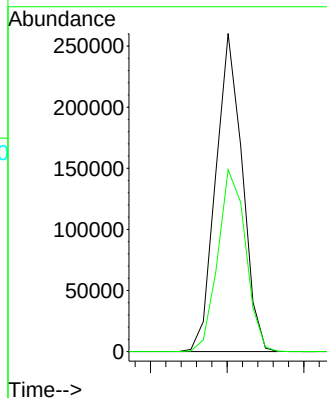
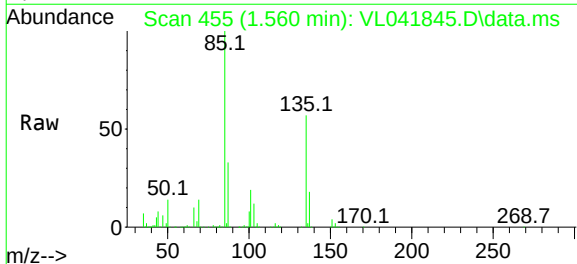
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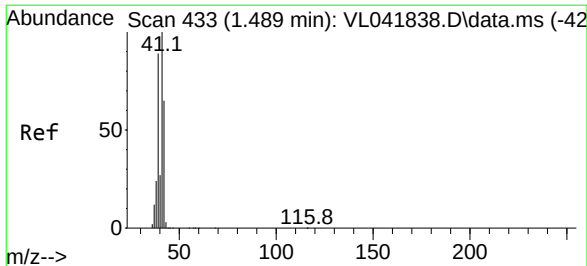
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#8
Dichlorotetrafluoroethane
Concen: 9.546 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.003 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

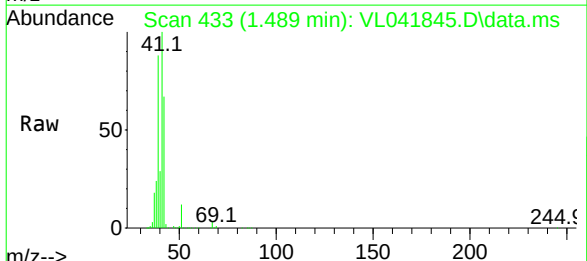
Tgt Ion: 85 Resp: 125137
Ion Ratio Lower Upper
85 100
135 59.9 47.9 71.9





#9
 Propene
 Concen: 9.937 ppbv
 RT: 1.489 min Scan# 43
 Delta R.T. -0.000 min
 Lab File: VL041845.D
 Acq: 07 Jan 2025 14:10

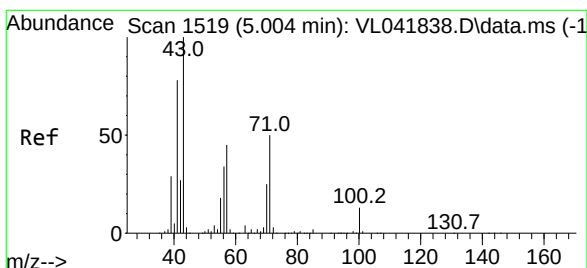
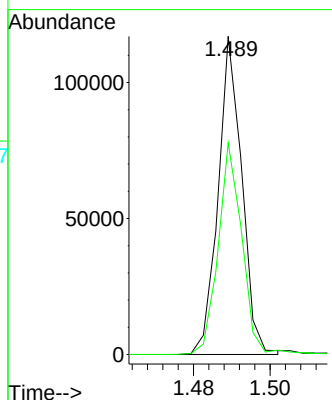
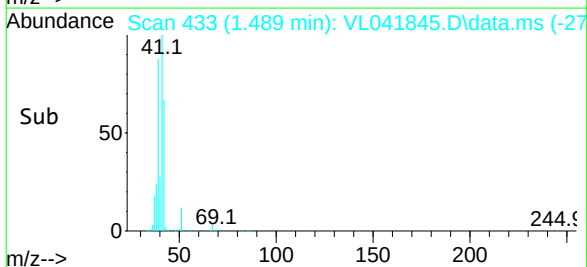
Instrument :
 MSVOA_L
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 ICVVL010725



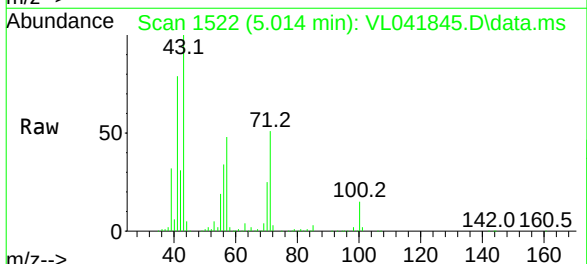
Tgt Ion: 41 Resp: 50222
 Ion Ratio Lower Upper
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 42 67.6 53.9 80.9

Manual Integrations
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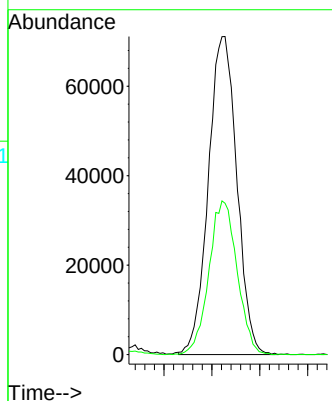
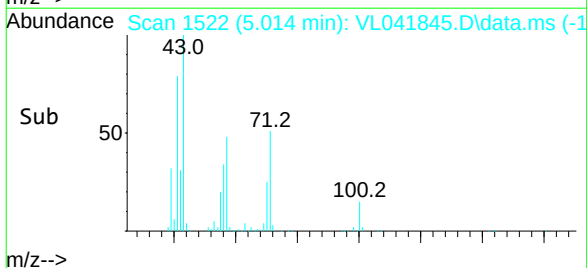
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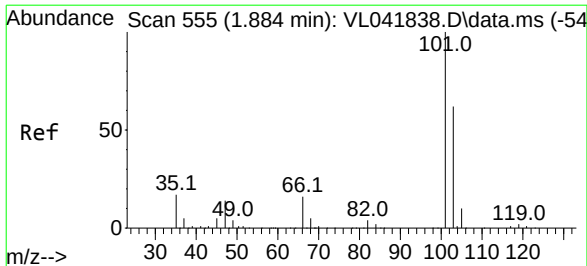


#10
 Heptane
 Concen: 11.792 ppbv
 RT: 5.014 min Scan# 1522
 Delta R.T. 0.010 min
 Lab File: VL041845.D
 Acq: 07 Jan 2025 14:10



Tgt Ion: 43 Resp: 147223
 Ion Ratio Lower Upper
 43 100
 57 47.8 37.8 56.6





#11

Trichlorofluoromethane

Concen: 9.445 ppbv

RT: 1.887 min Scan# 555

Delta R.T. 0.003 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Instrument :

MSVOA_L

ClientSampleId :

ICVVL010725

Tgt Ion:101 Resp: 145924

Ion Ratio Lower Upper

101 100

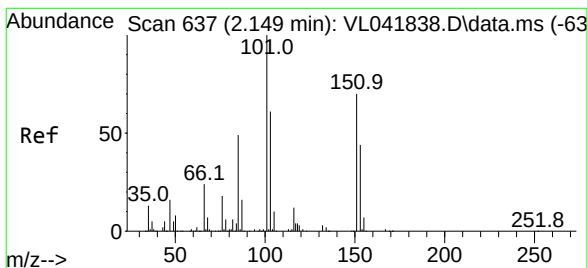
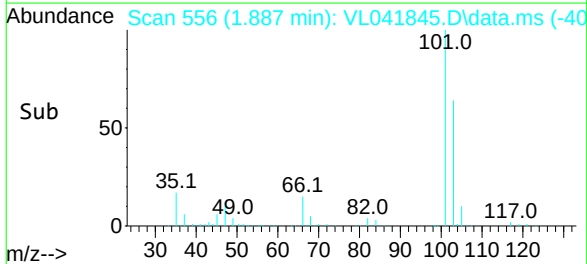
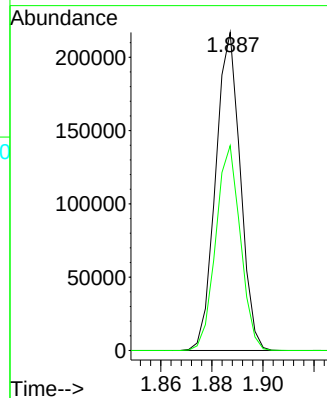
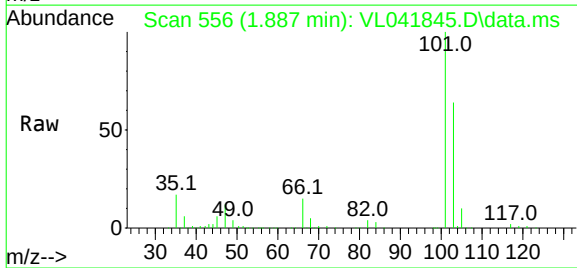
103 64.4 49.4 74.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.585 ppbv

RT: 2.149 min Scan# 637

Delta R.T. -0.000 min

Lab File: VL041845.D

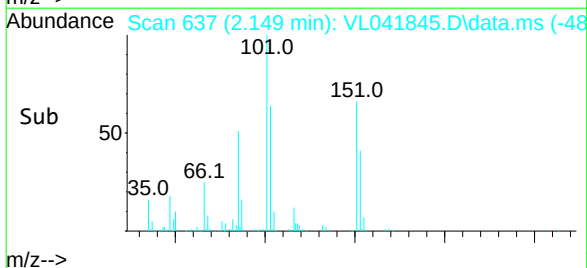
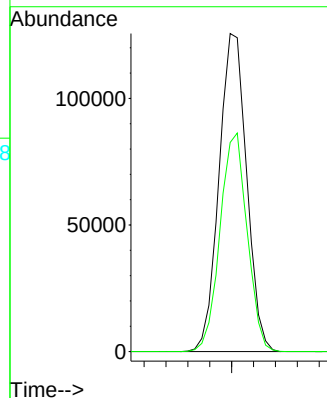
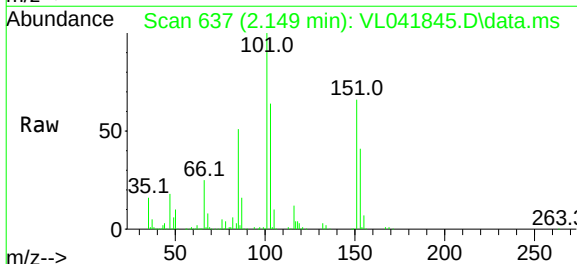
Acq: 07 Jan 2025 14:10

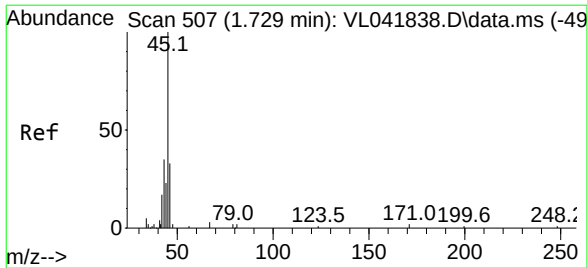
Tgt Ion:101 Resp: 110289

Ion Ratio Lower Upper

101 100

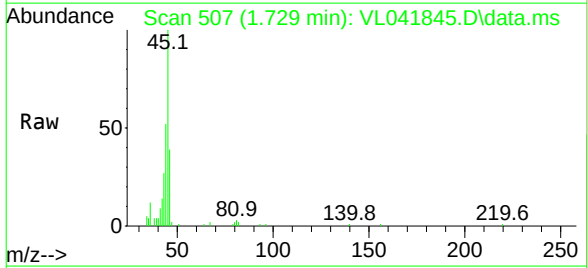
151 67.4 53.2 79.8





#13
Ethanol
Concen: 5.755 ppbv m
RT: 1.729 min Scan# 507
Delta R.T. -0.000 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

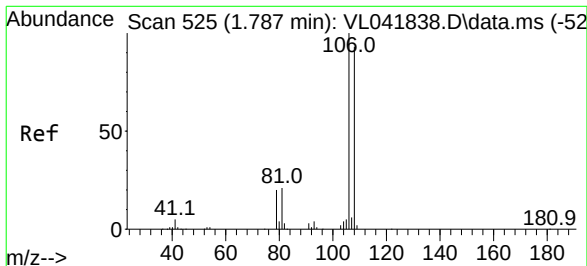
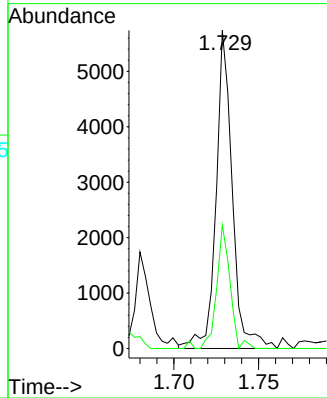
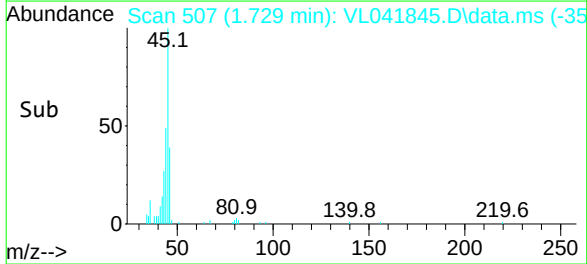
Instrument : MSVOA_L
ClientSampleId : ICVVL010725



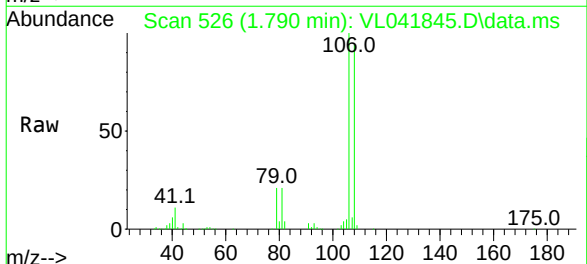
Tgt Ion: 45 Resp: 3821
Ion Ratio Lower Upper
45 100
46 32.4 14.6 58.2

Manual Integrations
APPROVED

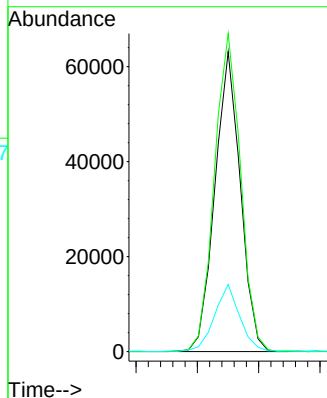
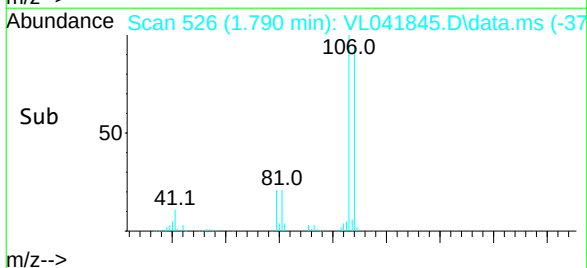
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025

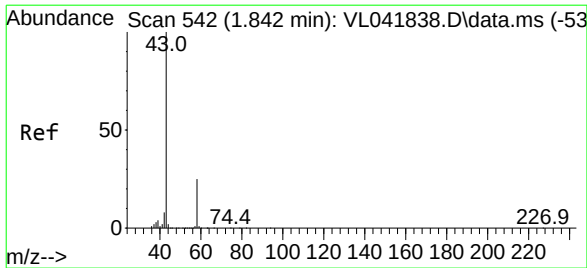


#14
Bromoethene
Concen: 9.651 ppbv
RT: 1.790 min Scan# 526
Delta R.T. 0.003 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10



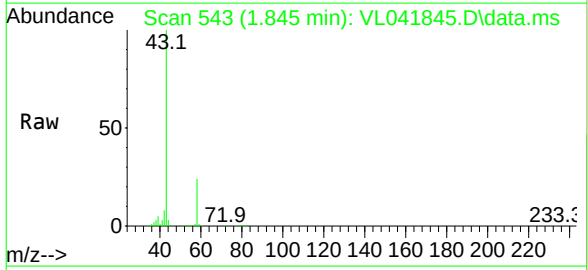
Tgt Ion:108 Resp: 36353
Ion Ratio Lower Upper
108 100
106 109.4 84.6 126.8
79 23.9 18.3 27.5





#15
Acetone
Concen: 7.941 ppbv
RT: 1.845 min Scan# 54
Delta R.T. 0.003 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

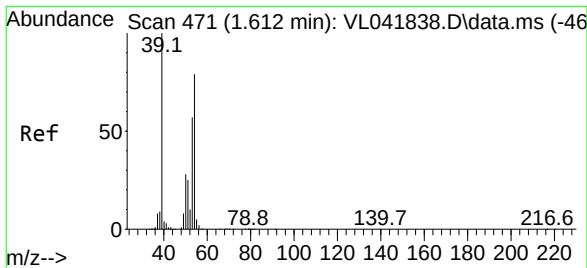
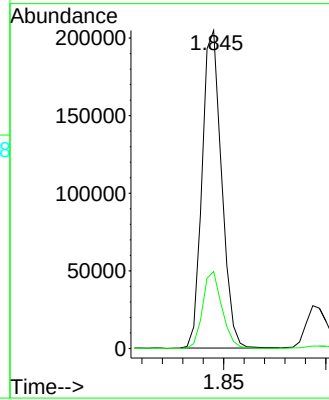
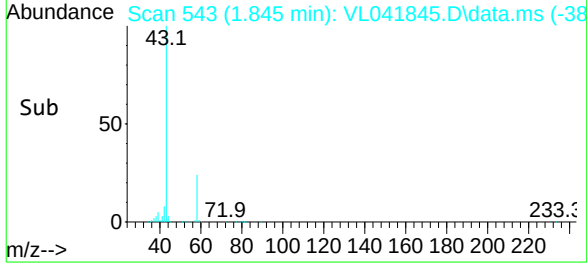
Instrument :
MSVOA_L
ClientSampleId :
ICVVL010725



Tgt Ion: 43 Resp: 135381
Ion Ratio Lower Upper
43 100
58 24.2 20.2 30.4

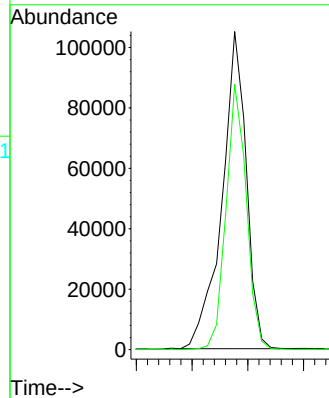
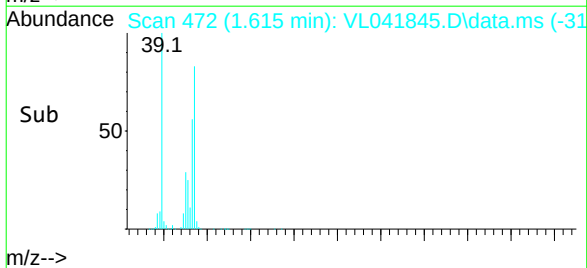
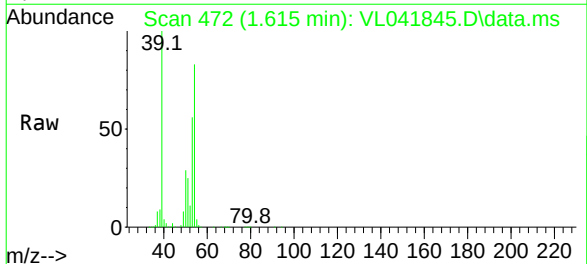
Manual Integrations
APPROVED

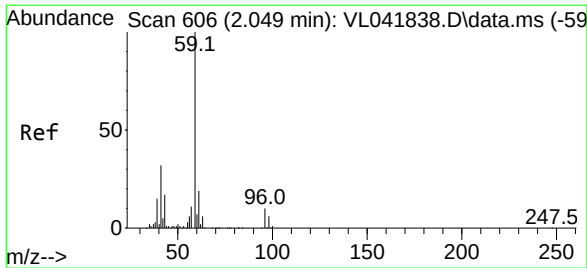
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#16
1,3-Butadiene
Concen: 9.507 ppbv
RT: 1.615 min Scan# 472
Delta R.T. 0.003 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

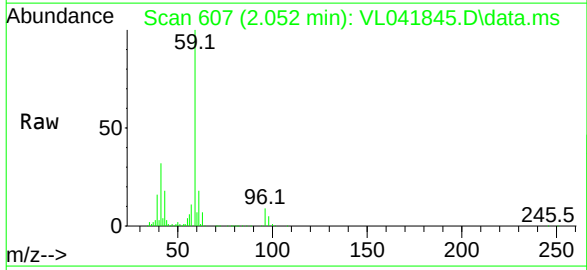
Tgt Ion: 39 Resp: 63555
Ion Ratio Lower Upper
39 100
54 70.0 56.2 84.4





#17
tert-Butyl alcohol
Concen: 9.837 ppbv
RT: 2.052 min Scan# 60
Delta R.T. 0.003 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

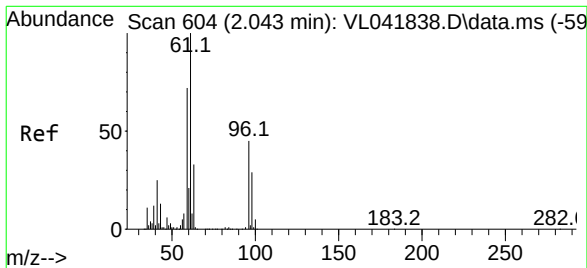
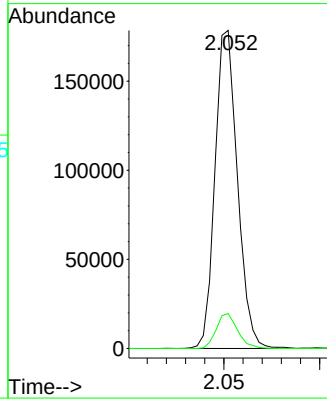
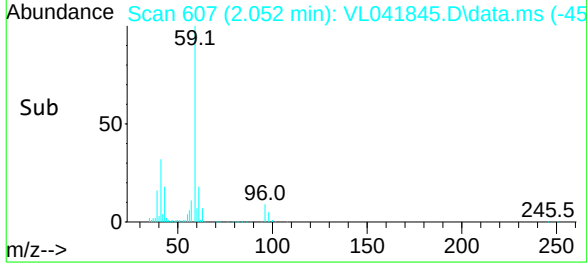
Instrument :
MSVOA_L
ClientSampleId :
ICVVL010725



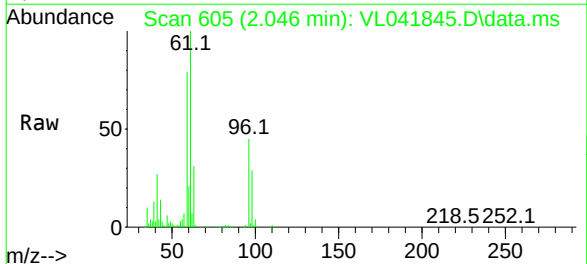
Tgt Ion: 59 Resp: 145313
Ion Ratio Lower Upper
59 100
57 10.4 8.6 13.0

Manual Integrations
APPROVED

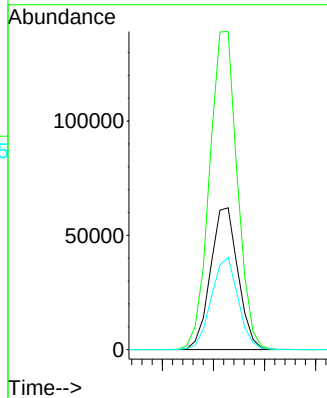
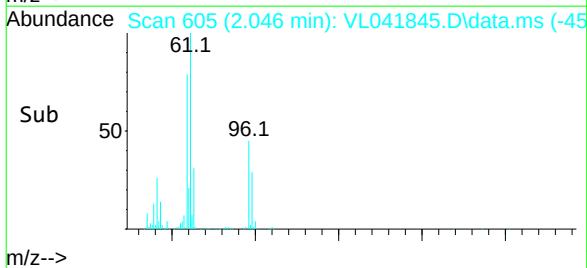
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025

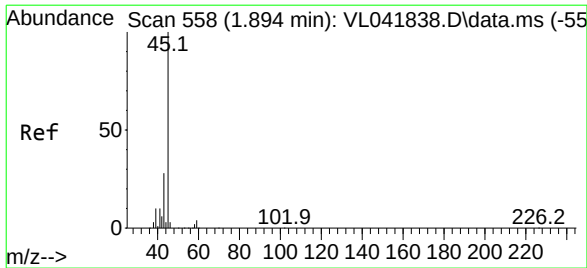


#18
1,1-Dichloroethene
Concen: 9.639 ppbv
RT: 2.046 min Scan# 605
Delta R.T. 0.003 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10



Tgt Ion: 96 Resp: 46435
Ion Ratio Lower Upper
96 100
61 224.1 179.2 268.8
98 65.1 51.6 77.4





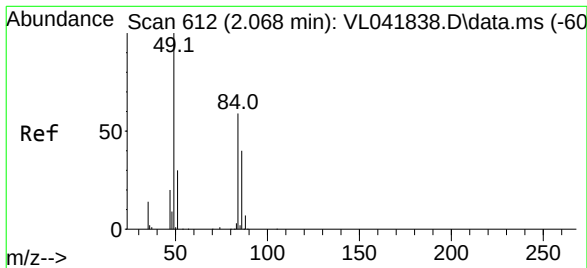
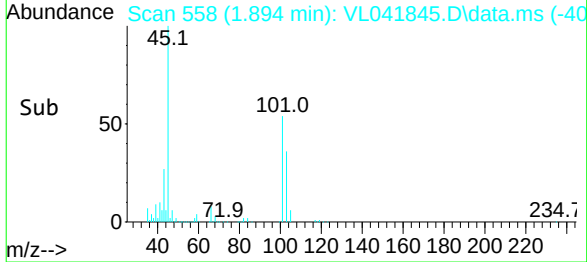
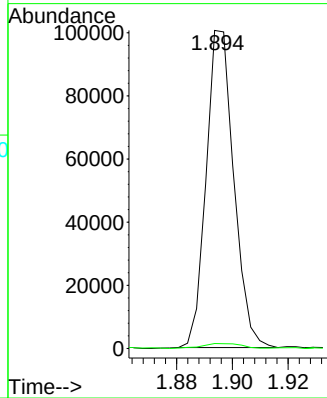
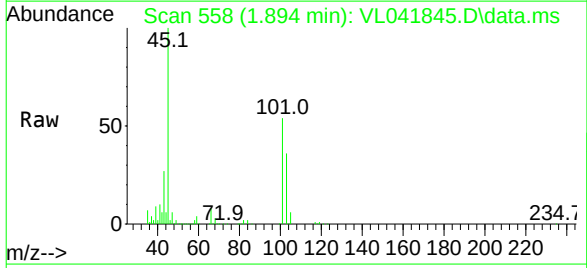
#19
Isopropyl Alcohol
Concen: 8.675 ppbv
RT: 1.894 min Scan# 558
Delta R.T. -0.000 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

Instrument : MSVOA_L
ClientSampleId : ICVVL010725

Tgt Ion: 45 Resp: 69422
Ion Ratio Lower Upper
45 100
58 2.6 2.1 3.1

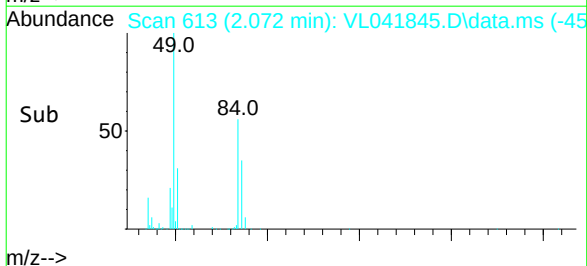
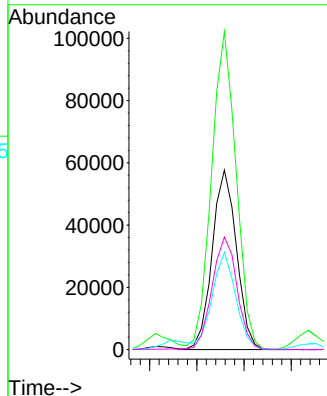
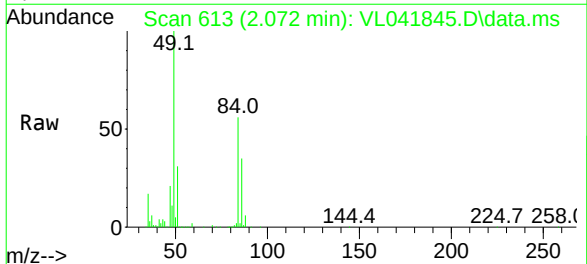
Manual Integrations
APPROVED

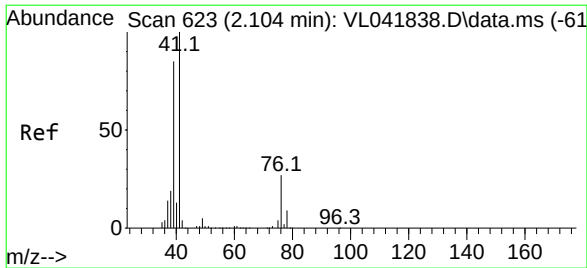
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#20
Methylene Chloride
Concen: 8.492 ppbv
RT: 2.072 min Scan# 613
Delta R.T. 0.003 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

Tgt Ion: 84 Resp: 41389
Ion Ratio Lower Upper
84 100
49 176.7 137.8 206.8
51 54.2 43.9 65.9
86 62.7 53.9 80.9





#21

Allyl Chloride

Concen: 10.107 ppbv

RT: 2.107 min Scan# 62

Delta R.T. 0.003 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Instrument :

MSVOA_L

ClientSampleId :

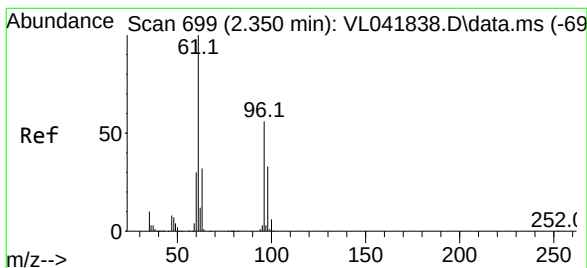
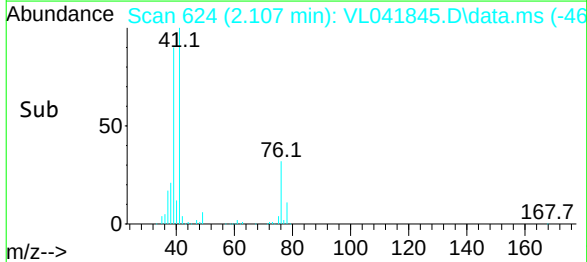
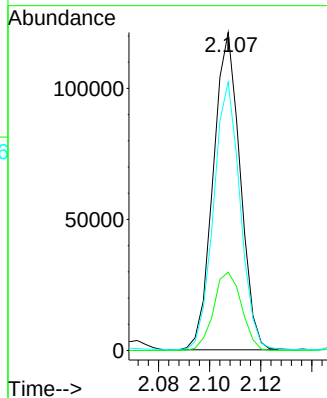
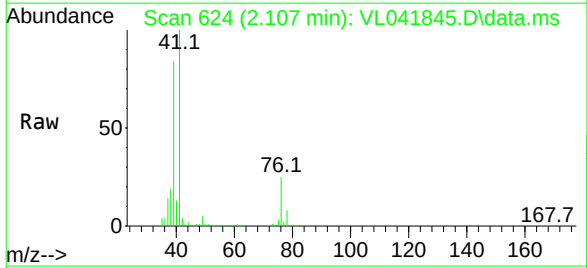
ICVVL010725

Tgt Ion:	41	Resp:	88763
Ion	Ratio	Lower	Upper
41	100		
76	25.6	20.6	31.0
39	82.8	67.0	100.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#22

trans-1,2-Dichloroethene

Concen: 9.551 ppbv

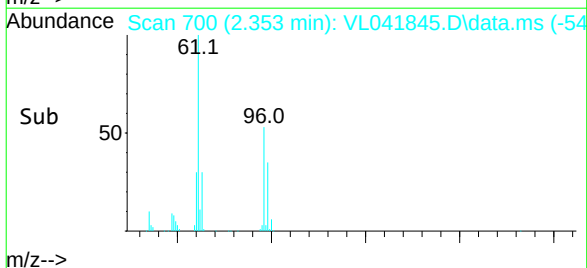
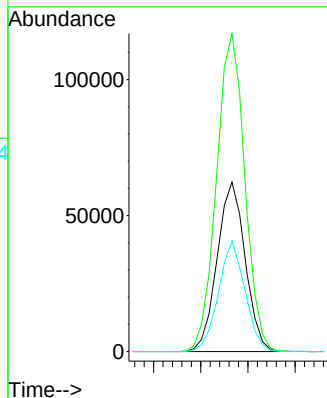
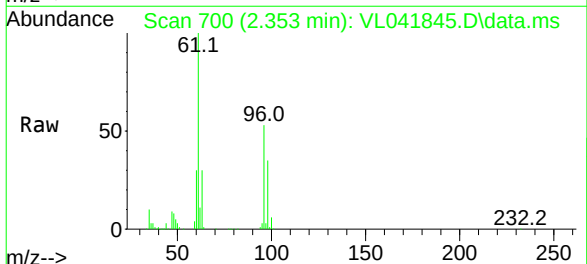
RT: 2.353 min Scan# 700

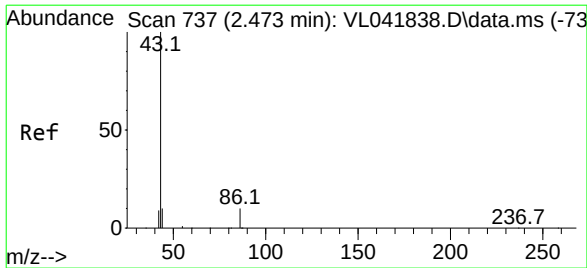
Delta R.T. 0.003 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Tgt Ion:	96	Resp:	51425
Ion	Ratio	Lower	Upper
96	100		
61	187.7	144.0	216.0
98	65.3	46.9	70.3





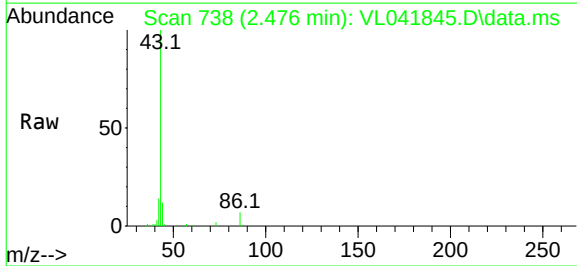
#23
 Vinyl Acetate
 Concen: 9.423 ppbv
 RT: 2.476 min Scan# 737
 Delta R.T. 0.003 min
 Lab File: VL041845.D
 Acq: 07 Jan 2025 14:10

Instrument :

MSVOA_L

ClientSampleId :

ICVVL010725

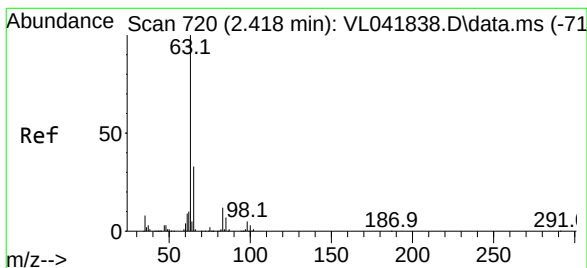
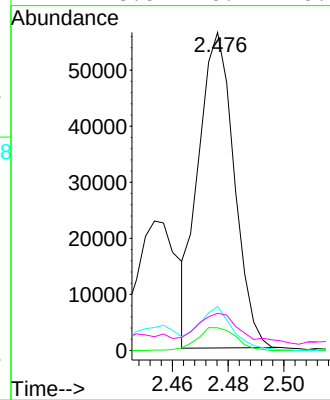
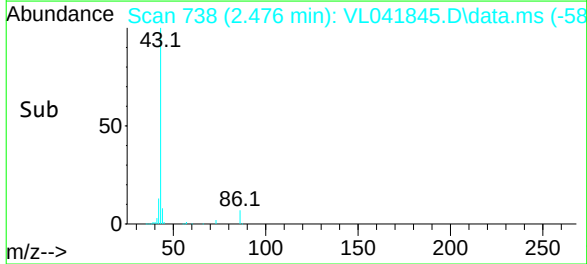


Tgt Ion	Ratio	Lower	Upper
43	100		
86	7.2	6.4	9.6
42	13.7	9.5	14.3
44	8.6	6.7	10.1

Manual Integrations

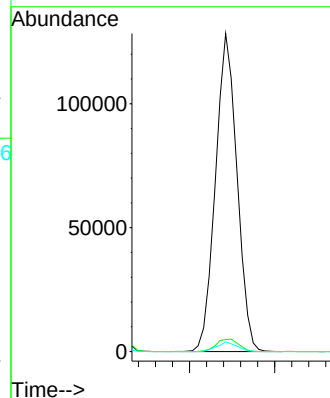
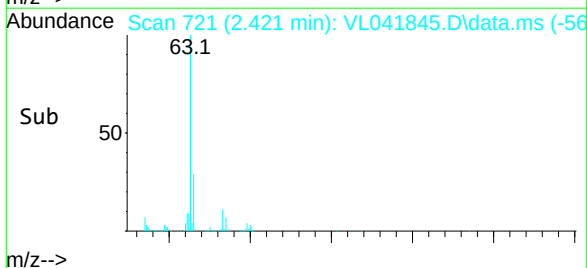
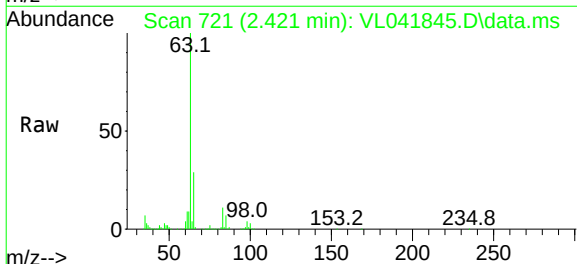
APPROVED

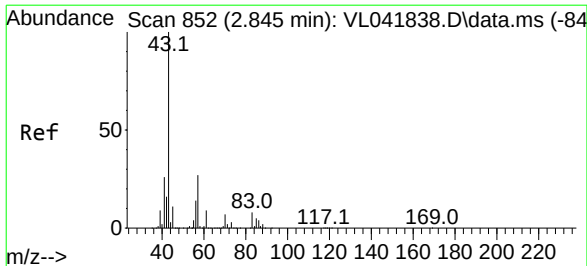
Reviewed By :Semsettin Yesilyurt 01/09/2025
 Supervised By :Mahesh Dadoda 01/09/2025



#24
 1,1-Dichloroethane
 Concen: 9.570 ppbv
 RT: 2.421 min Scan# 721
 Delta R.T. 0.003 min
 Lab File: VL041845.D
 Acq: 07 Jan 2025 14:10

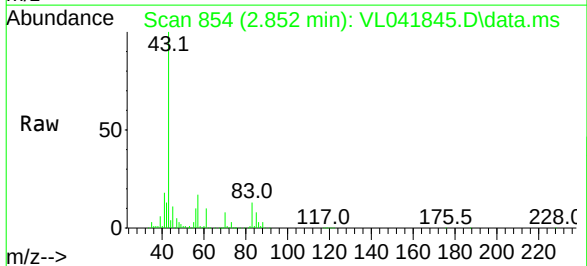
Tgt Ion	Ratio	Lower	Upper
63	100		
98	3.8	2.3	6.9
100	3.1	1.4	4.0





#25
Ethyl Acetate
Concen: 10.738 ppbv
RT: 2.852 min Scan# 851
Delta R.T. 0.006 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

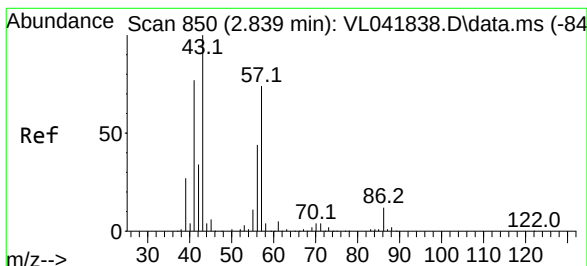
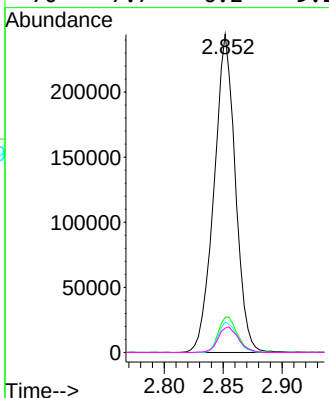
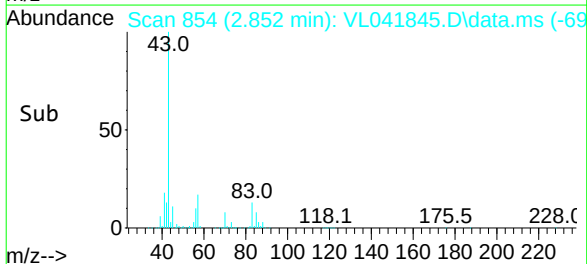
Instrument :
MSVOA_L
ClientSampleId :
ICVVL010725



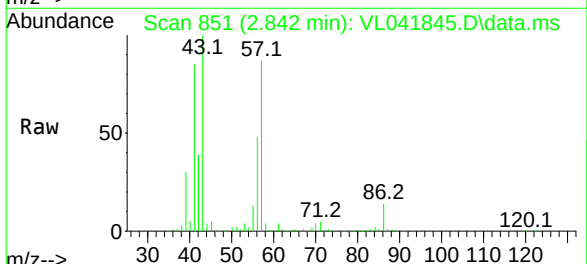
Tgt Ion:	43	Ratio	100	Lower	Upper
43	100				
45	10.1		7.8	11.8	
61	8.3		7.0	10.6	
70	7.7		6.2	9.2	

Manual Integrations
APPROVED

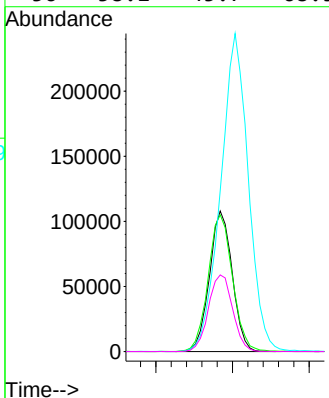
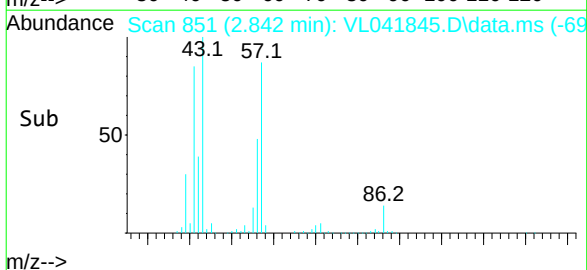
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025

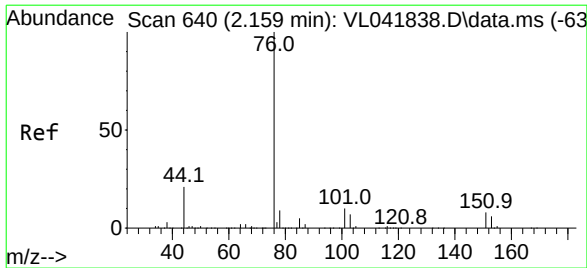


#26
Hexane
Concen: 11.223 ppbv
RT: 2.842 min Scan# 851
Delta R.T. 0.003 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10



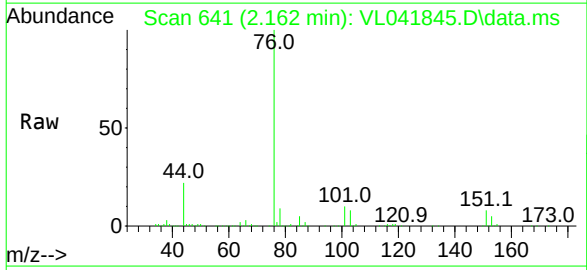
Tgt Ion:	57	Ratio	100	Lower	Upper
57	100				
41	104.7		84.0	126.0	
43	275.9		218.4	327.6	
56	58.1		45.7	68.5	





#27
Carbon Disulfide
Concen: 11.210 ppbv
RT: 2.162 min Scan# 641
Delta R.T. 0.003 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

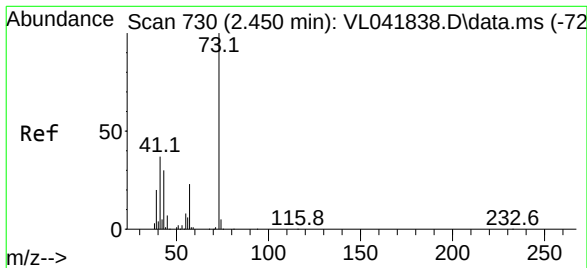
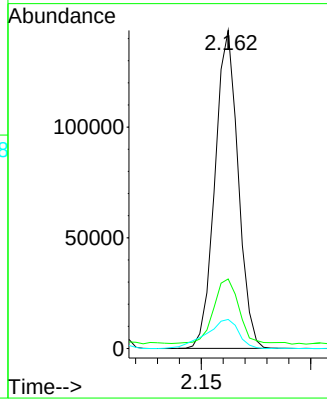
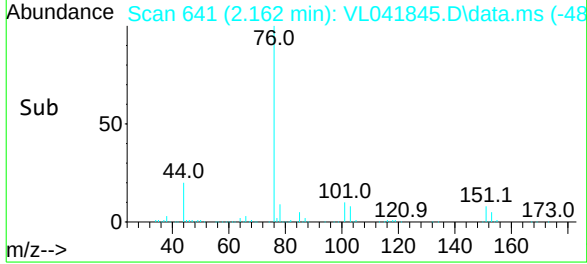
Instrument :
MSVOA_L
ClientSampleId :
ICVVL010725



Tgt Ion: 76 Resp: 105565
Ion Ratio Lower Upper
76 100
44 22.4 19.8 29.8
78 12.8 9.8 14.8

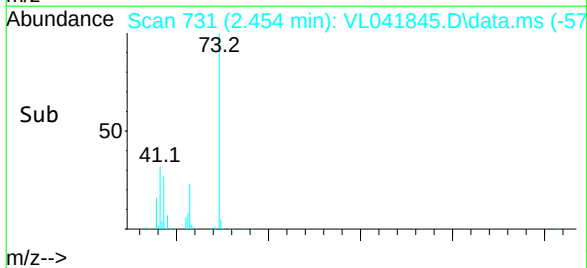
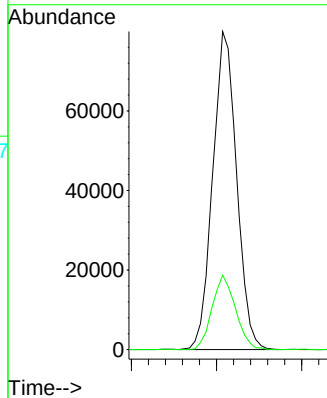
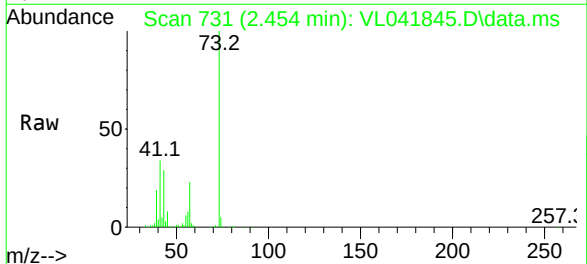
Manual Integrations
APPROVED

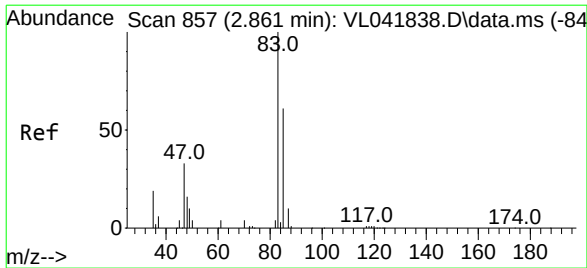
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#28
Methyl tert-Butyl Ether
Concen: 10.417 ppbv
RT: 2.454 min Scan# 731
Delta R.T. 0.003 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

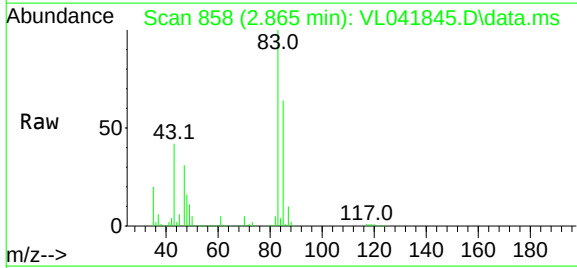
Tgt Ion: 73 Resp: 77901
Ion Ratio Lower Upper
73 100
57 23.0 18.4 27.6





#29
Chloroform
Concen: 9.536 ppbv
RT: 2.865 min Scan# 85
Delta R.T. 0.003 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

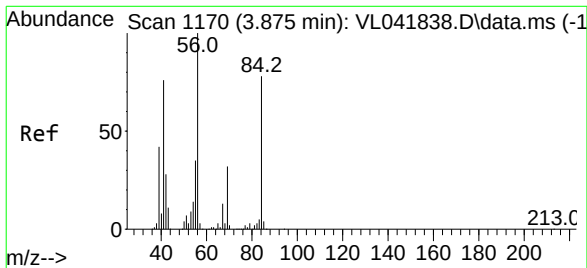
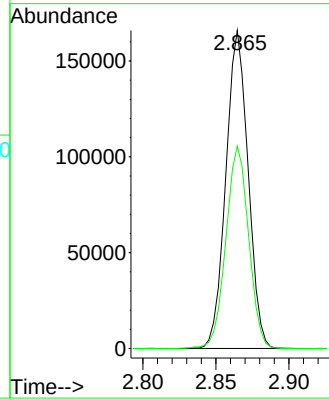
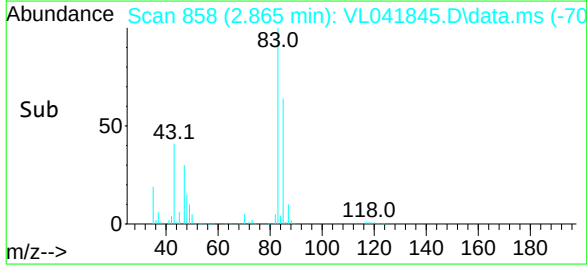
Instrument :
MSVOA_L
ClientSampleId :
ICVVL010725



Tgt Ion: 83 Resp: 175788
Ion Ratio Lower Upper
83 100
85 63.6 49.6 74.4

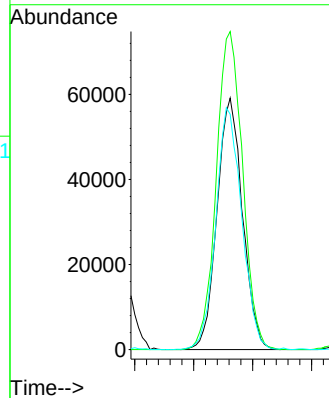
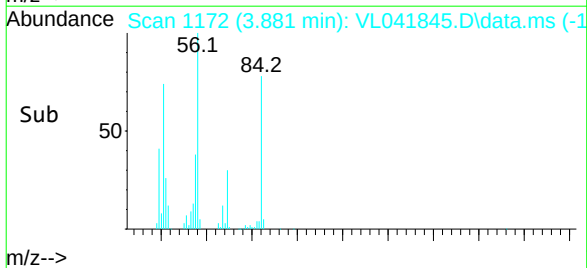
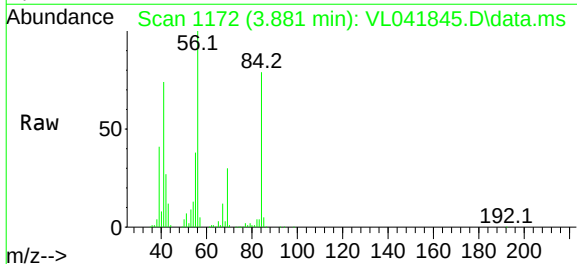
Manual Integrations
APPROVED

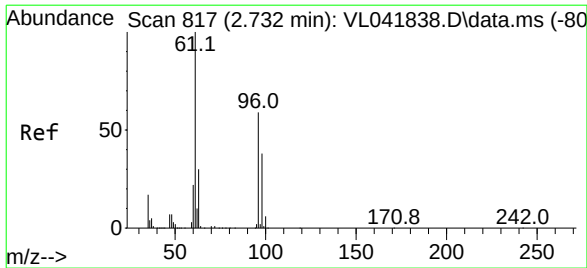
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#30
Cyclohexane
Concen: 11.797 ppbv
RT: 3.881 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

Tgt Ion: 84 Resp: 88761
Ion Ratio Lower Upper
84 100
56 130.7 105.0 157.6
41 98.0 78.9 118.3





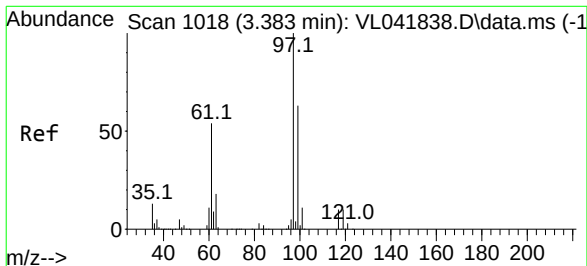
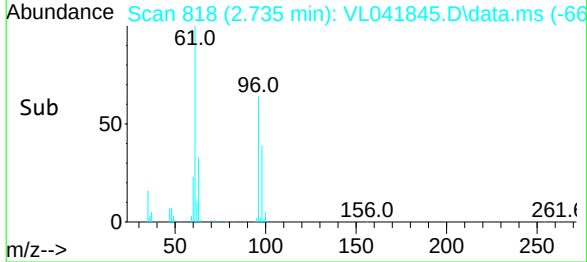
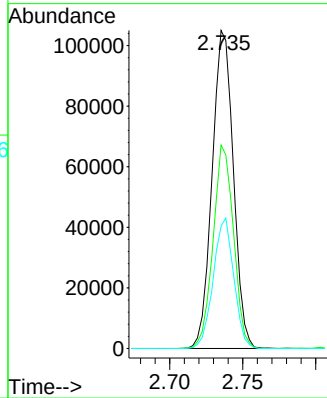
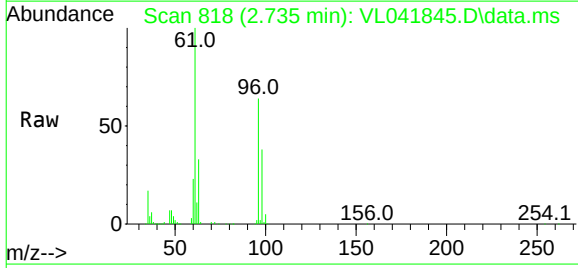
#31
cis-1,2-Dichloroethene
Concen: 10.398 ppbv
RT: 2.735 min Scan# 817
Delta R.T. 0.003 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

Instrument :
MSVOA_L
ClientSampleId :
ICVVL010725

Tgt Ion	Ratio	Lower	Upper
61	100		
96	64.0	47.6	71.4
98	38.4	30.2	45.2

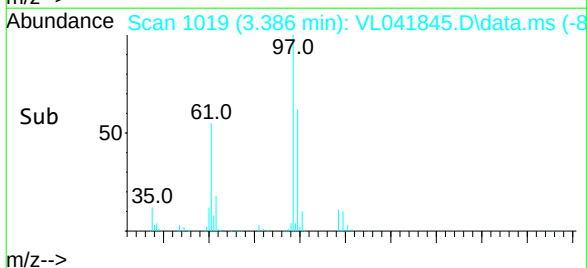
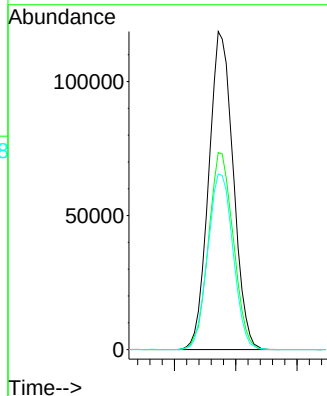
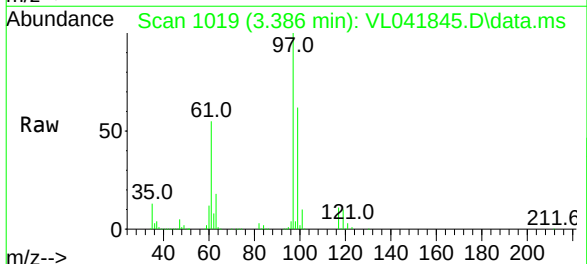
Manual Integrations
APPROVED

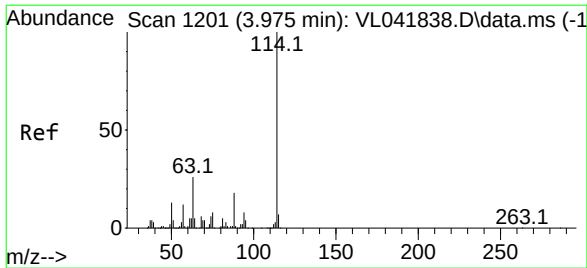
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#32
1,1,1-Trichloroethane
Concen: 9.874 ppbv
RT: 3.386 min Scan# 1019
Delta R.T. 0.003 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.6	50.6	76.0
61	57.0	45.0	67.6





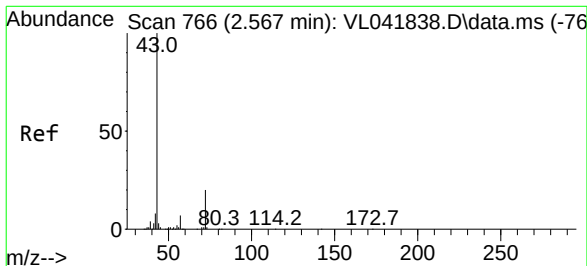
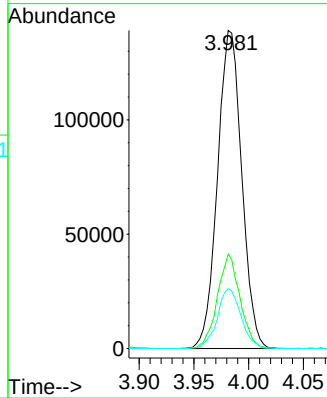
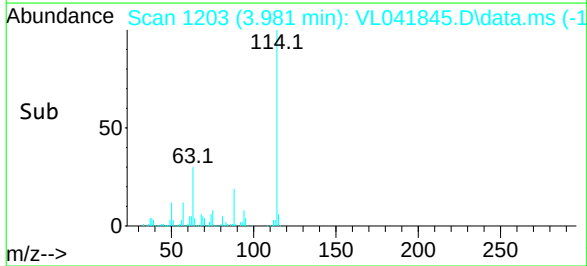
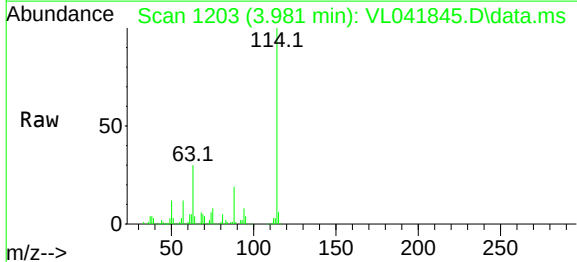
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.981 min Scan# 1201
Delta R.T. 0.006 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

Instrument :
MSVOA_L
ClientSampleId :
ICVVL010725

Tgt Ion:	114	Resp:	213759
Ion	Ratio	Lower	Upper
114	100		
63	27.7	22.3	33.5
88	18.4	14.9	22.3

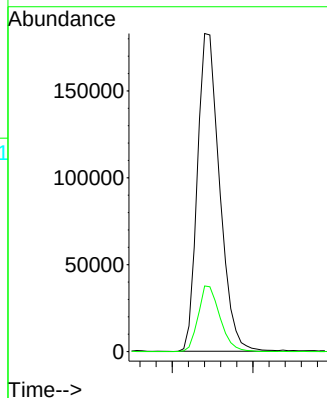
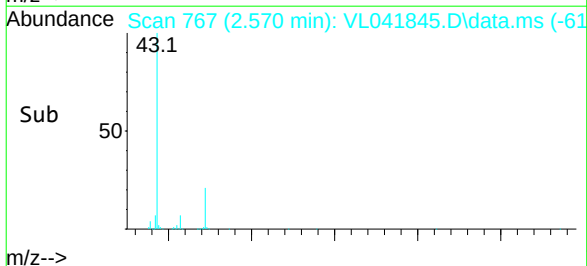
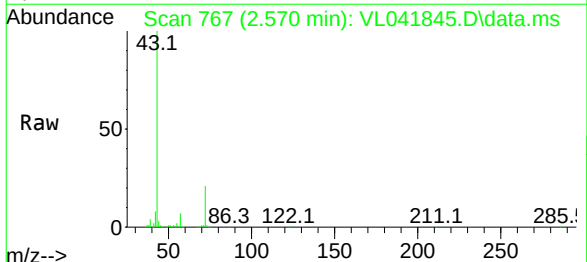
Manual Integrations
APPROVED

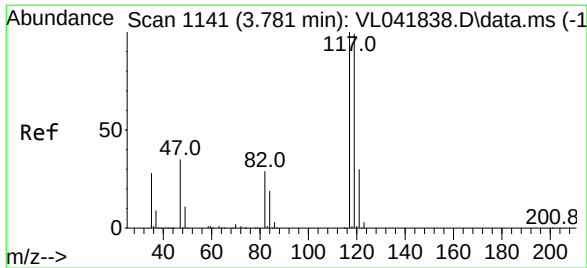
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#34
2-Butanone
Concen: 10.377 ppbv
RT: 2.570 min Scan# 767
Delta R.T. 0.003 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

Tgt Ion:	43	Resp:	174729
Ion	Ratio	Lower	Upper
43	100		
72	20.3	16.6	25.0





#35

Carbon Tetrachloride

Concen: 10.414 ppbv

RT: 3.784 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL041845.D

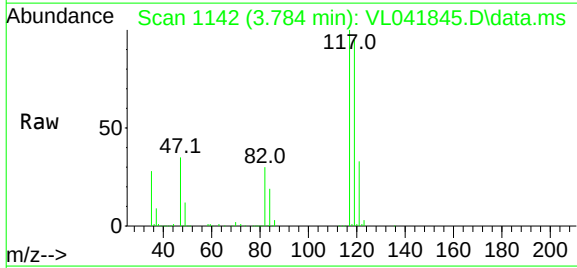
Acq: 07 Jan 2025 14:10

Instrument :

MSVOA_L

ClientSampleId :

ICVVL010725



Tgt Ion: 117 Resp: 168248

Ion Ratio Lower Upper

117 100

119 95.1 79.1 118.7

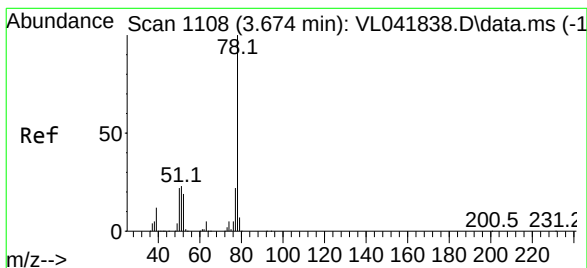
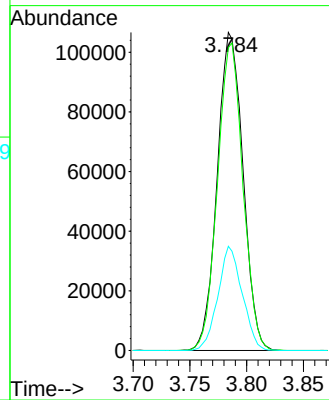
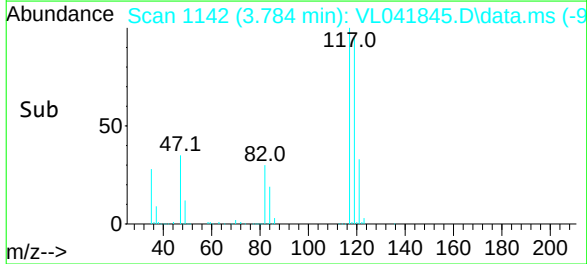
121 32.8 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025



#36

Benzene

Concen: 10.733 ppbv

RT: 3.680 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

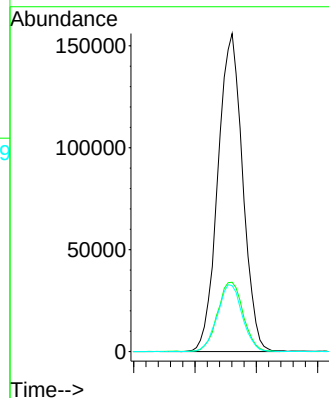
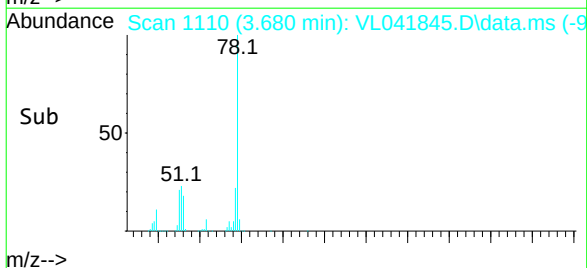
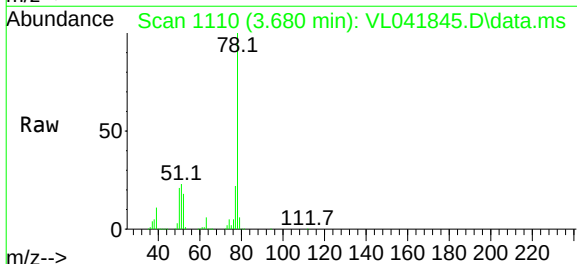
Tgt Ion: 78 Resp: 219166

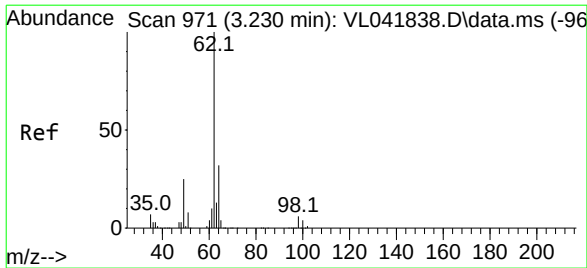
Ion Ratio Lower Upper

78 100

77 21.8 17.4 26.0

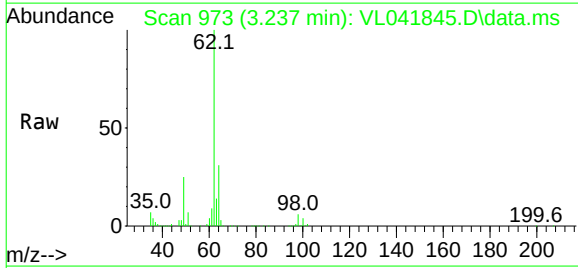
50 20.7 17.3 25.9





#37
1,2-Dichloroethane
Concen: 10.067 ppbv
RT: 3.237 min Scan# 971
Delta R.T. 0.006 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

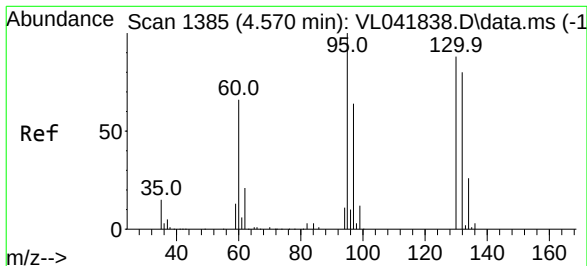
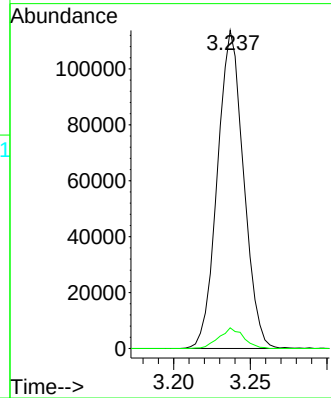
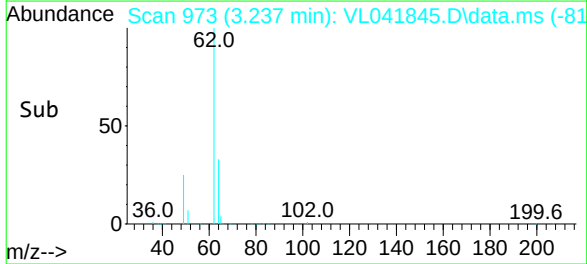
Instrument :
MSVOA_L
ClientSampleId :
ICVVL010725



Tgt Ion: 62 Resp: 135149
Ion Ratio Lower Upper
62 100
98 6.0 4.8 7.2

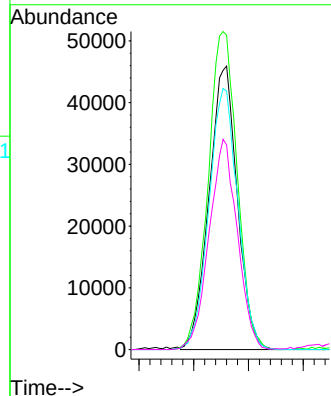
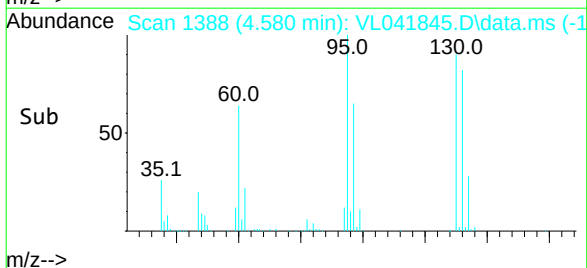
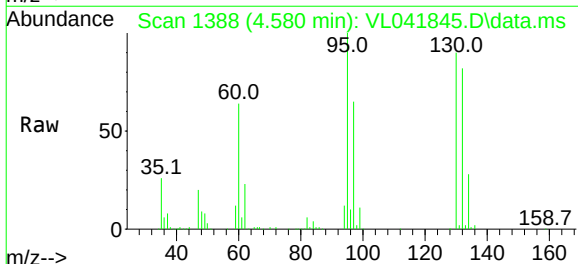
Manual Integrations
APPROVED

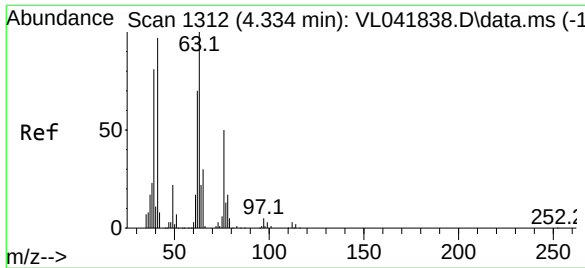
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#38
Trichloroethene
Concen: 10.476 ppbv
RT: 4.580 min Scan# 1388
Delta R.T. 0.010 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

Tgt Ion:130 Resp: 82268
Ion Ratio Lower Upper
130 100
95 110.9 90.1 135.1
132 91.1 71.8 107.8
97 71.9 57.9 86.9





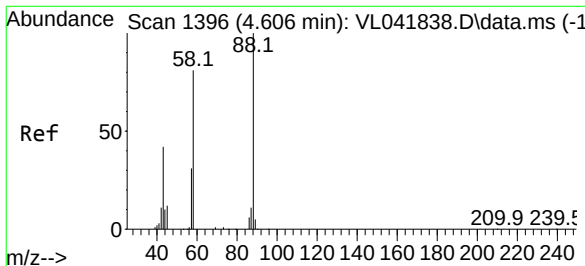
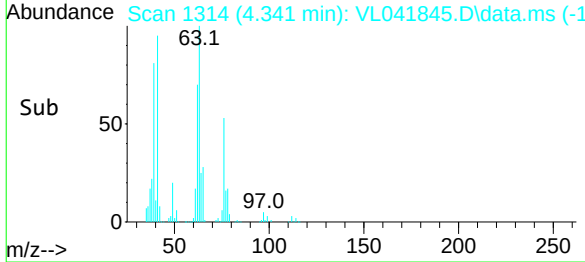
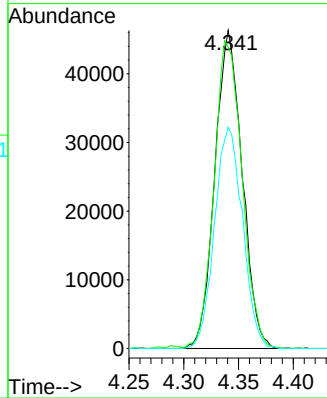
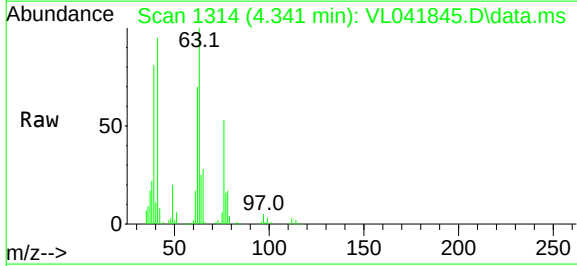
#39
1,2-Dichloropropane
Concen: 10.151 ppbv
RT: 4.341 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

Instrument :
MSVOA_L
ClientSampleId :
ICVVL010725

Tgt Ion	Ratio	Lower	Upper
63	100		
41	94.5	77.7	116.5
62	69.5	56.2	84.2

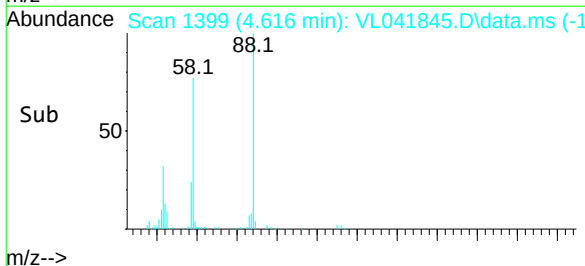
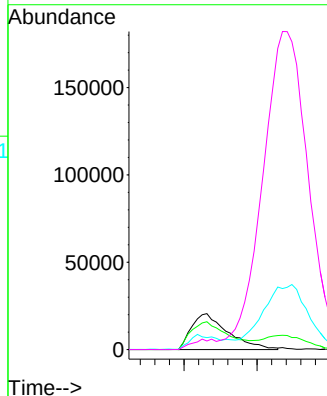
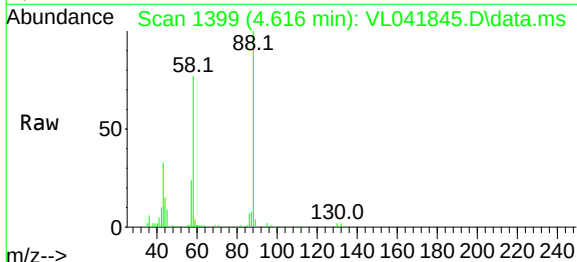
Manual Integrations
APPROVED

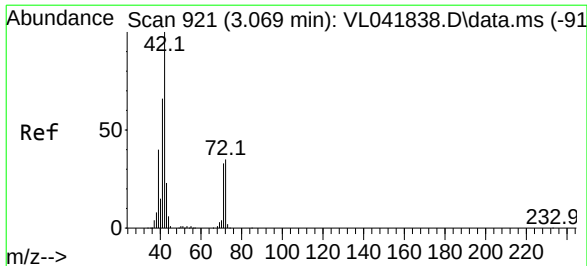
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#40
1,4-Dioxane
Concen: 11.695 ppbv
RT: 4.616 min Scan# 1399
Delta R.T. 0.010 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.8	63.0	94.6
43	43.2	30.0	45.0
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 11.934 ppbv

RT: 3.072 min Scan# 921

Delta R.T. 0.003 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Instrument :

MSVOA_L

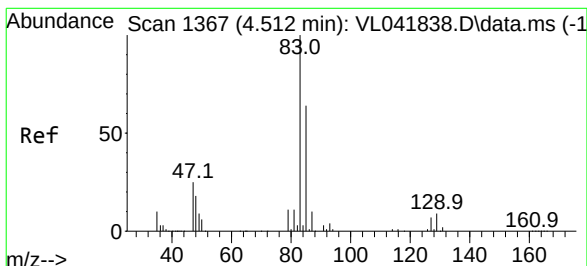
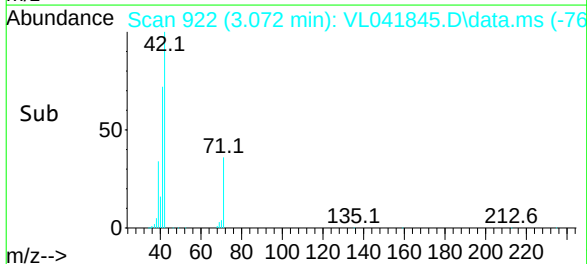
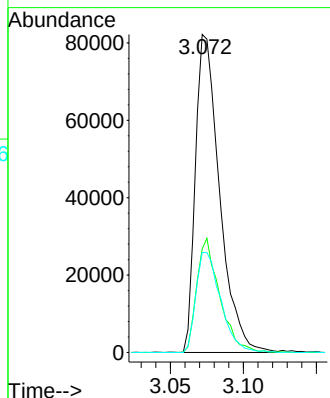
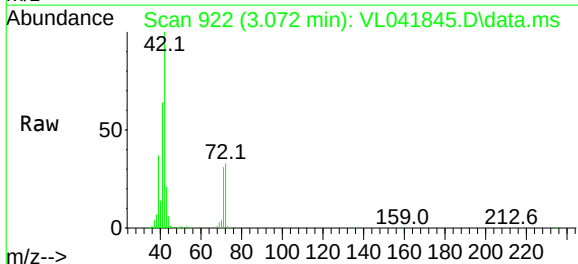
ClientSampleId :

ICVVL010725

Tgt Ion:	42	Resp:	94659
Ion	Ratio	Lower	Upper
42	100		
72	34.1	27.9	41.9
71	32.3	26.5	39.7

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#42

Bromodichloromethane

Concen: 10.899 ppbv

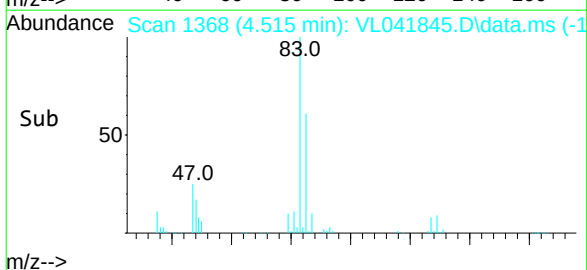
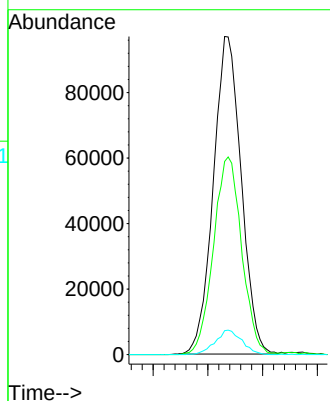
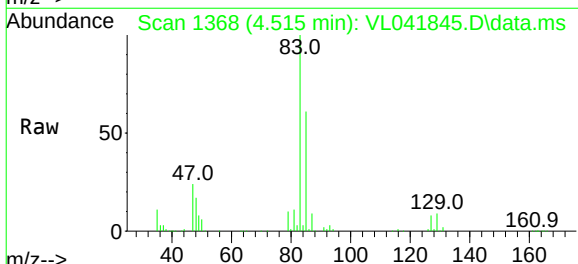
RT: 4.515 min Scan# 1368

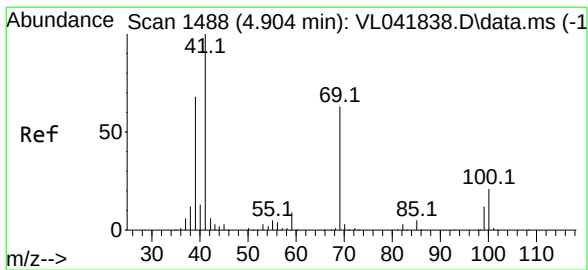
Delta R.T. 0.003 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

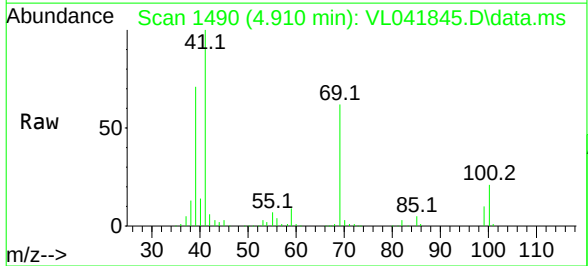
Tgt Ion:	83	Resp:	171595
Ion	Ratio	Lower	Upper
83	100		
85	60.8	51.3	76.9
127	7.5	5.6	8.4





#43
Methyl Methacrylate
Concen: 12.265 ppbv
RT: 4.910 min Scan# 1415
Delta R.T. 0.006 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

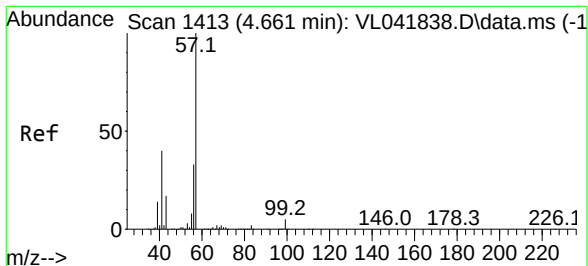
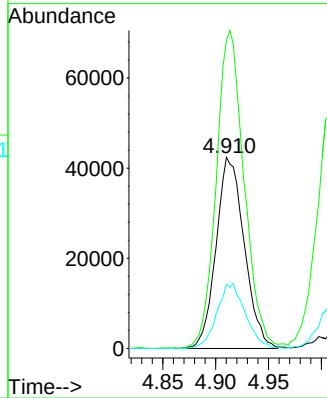
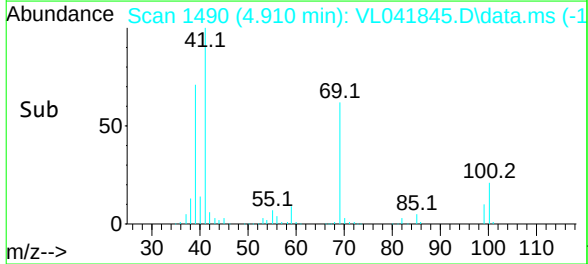
Instrument :
MSVOA_L
ClientSampleId :
ICVVL010725



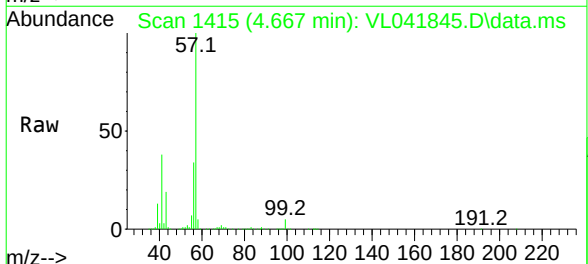
Tgt Ion: 69 Resp: 78647
Ion Ratio Lower Upper
69 100
41 164.1 132.2 198.2
100 34.4 28.2 42.4

Manual Integrations
APPROVED

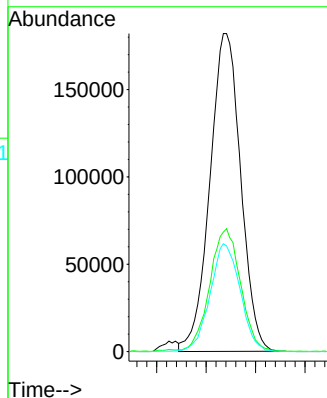
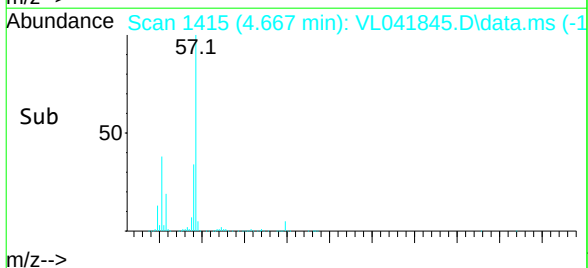
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025

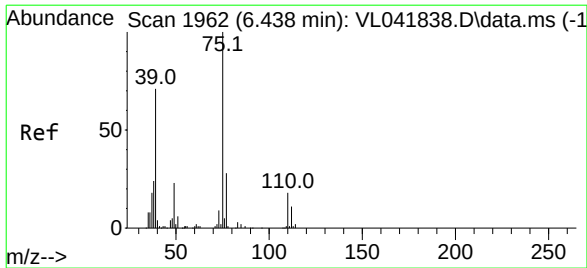


#44
2,2,4-Trimethylpentane
Concen: 11.694 ppbv
RT: 4.667 min Scan# 1415
Delta R.T. 0.006 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10



Tgt Ion: 57 Resp: 393434
Ion Ratio Lower Upper
57 100
41 38.7 31.4 47.2
56 33.2 26.6 39.8





#45

t-1,3-Dichloropropene

Concen: 11.008 ppbv

RT: 6.451 min Scan# 19

Delta R.T. 0.013 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Instrument :

MSVOA_L

ClientSampleId :

ICVVL010725

Tgt Ion: 75 Resp: 68913

Ion Ratio Lower Upper

75 100

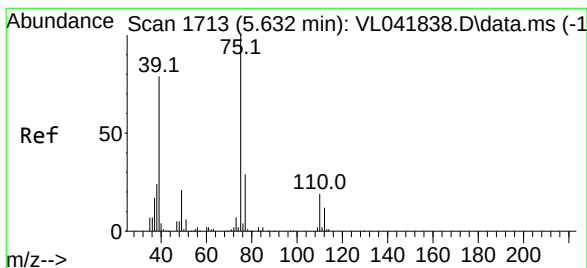
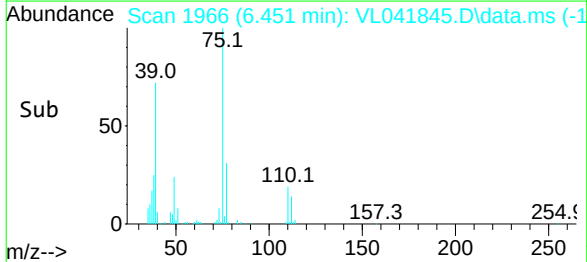
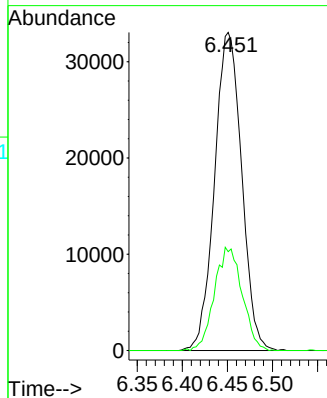
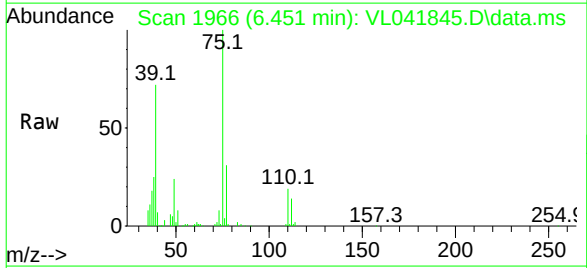
77 31.1 22.2 33.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025



#46

cis-1,3-Dichloropropene

Concen: 11.616 ppbv

RT: 5.635 min Scan# 1714

Delta R.T. 0.003 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

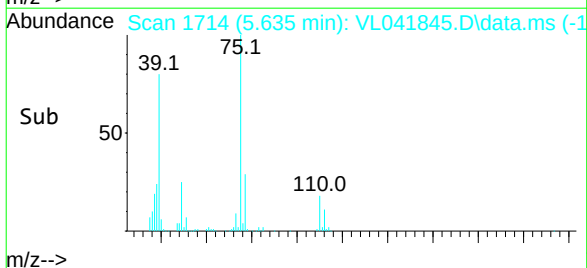
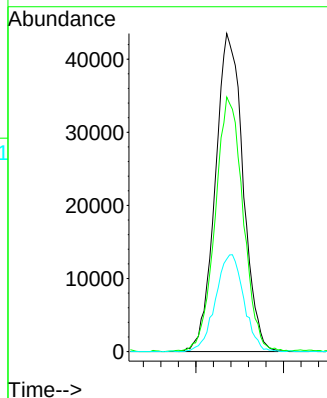
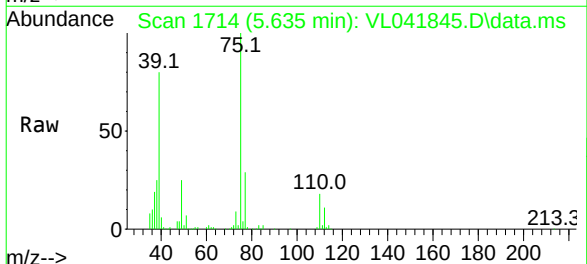
Tgt Ion: 75 Resp: 95759

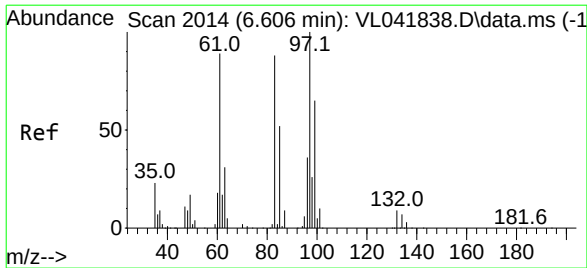
Ion Ratio Lower Upper

75 100

39 79.6 63.3 94.9

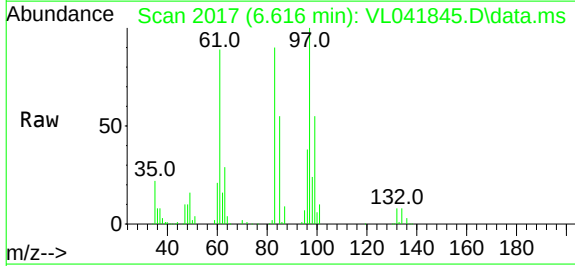
77 29.1 23.5 35.3





#47
1,1,2-Trichloroethane
Concen: 9.973 ppbv
RT: 6.616 min Scan# 2014
Delta R.T. 0.010 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

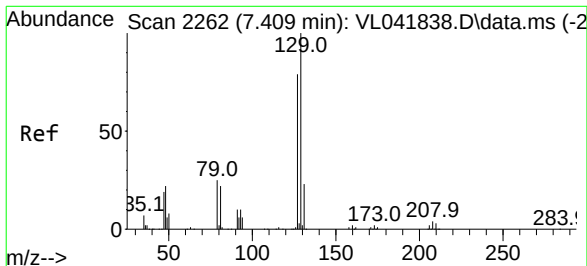
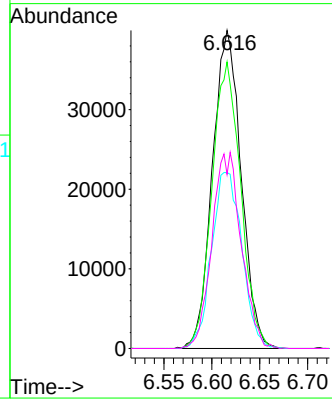
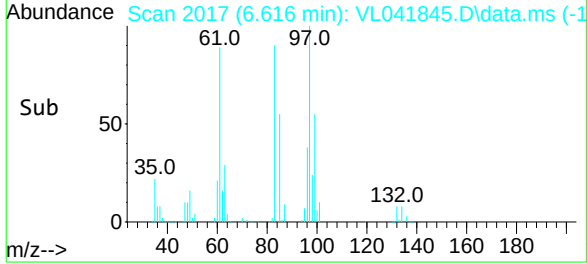
Instrument :
MSVOA_L
ClientSampleId :
ICVVL010725



Tgt Ion: 97 Resp: 83220
Ion Ratio Lower Upper
97 100
83 90.1 70.3 105.5
85 55.3 41.5 62.3
99 54.7 52.3 78.5

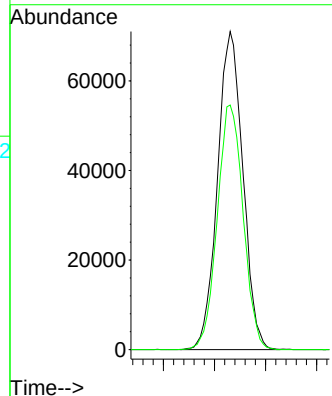
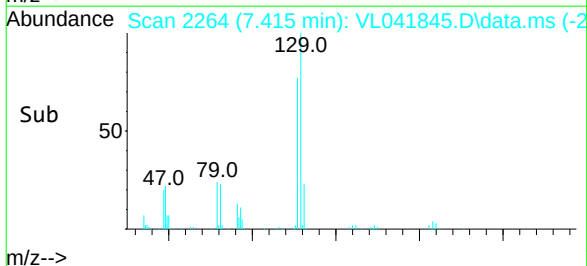
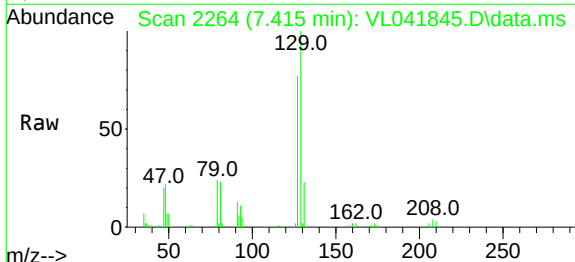
Manual Integrations
APPROVED

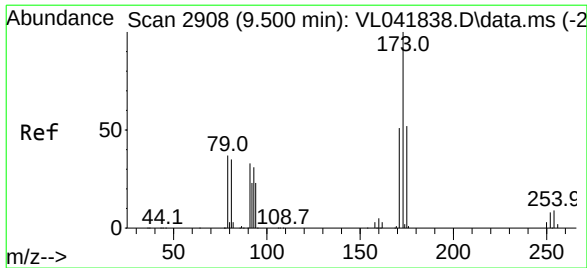
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#48
Dibromochloromethane
Concen: 11.520 ppbv
RT: 7.415 min Scan# 2264
Delta R.T. 0.006 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

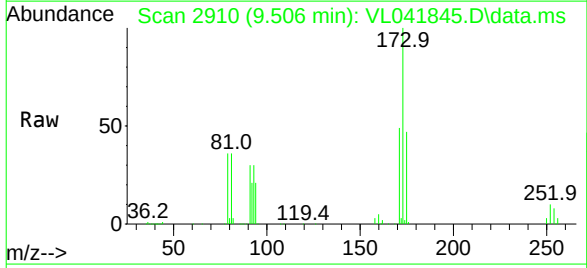
Tgt Ion:129 Resp: 122520
Ion Ratio Lower Upper
129 100
127 78.3 38.7 116.1





#49
Bromoform
Concen: 11.953 ppbv
RT: 9.506 min Scan# 2908
Delta R.T. 0.006 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

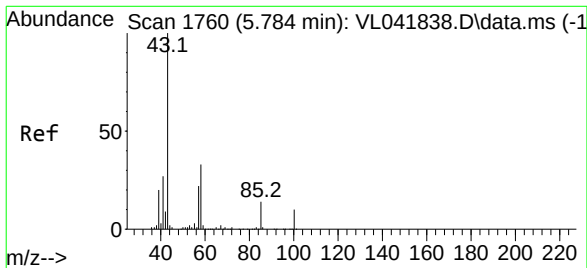
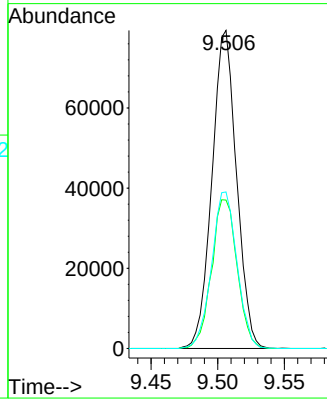
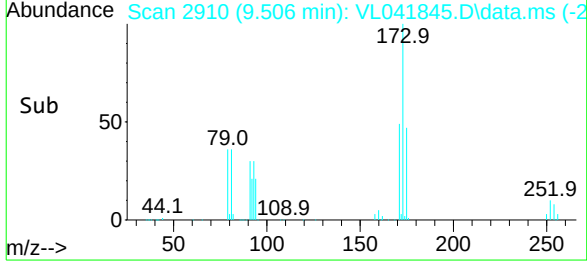
Instrument :
MSVOA_L
ClientSampleId :
ICVVL010725



Tgt Ion: 173 Resp: 101879
Ion Ratio Lower Upper
173 100
175 48.6 39.5 59.3
171 50.7 41.5 62.3

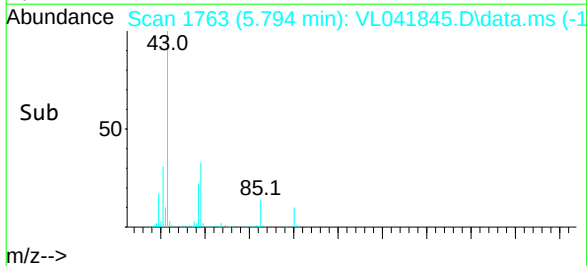
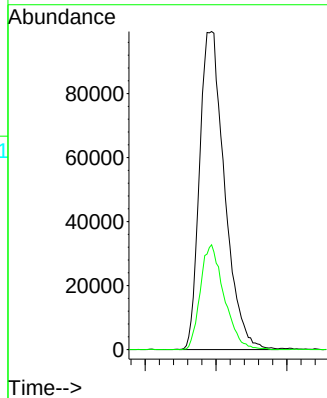
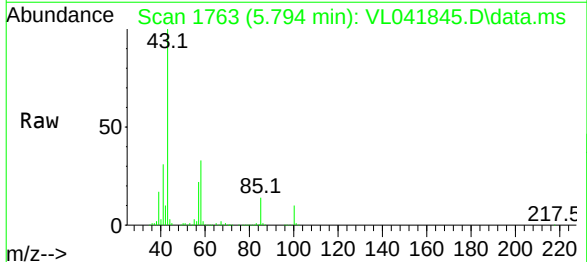
Manual Integrations
APPROVED

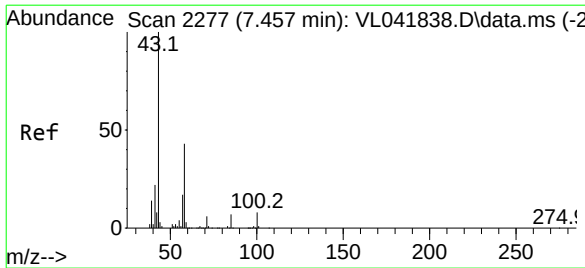
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#50
4-Methyl-2-Pentanone
Concen: 12.525 ppbv m
RT: 5.794 min Scan# 1763
Delta R.T. 0.010 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

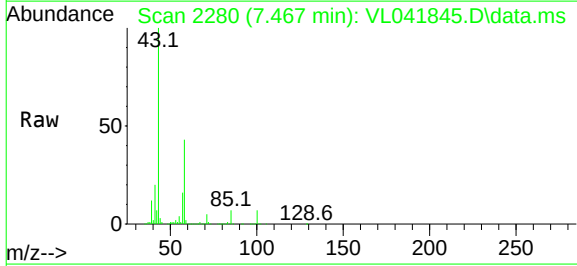
Tgt Ion: 43 Resp: 243893
Ion Ratio Lower Upper
43 100
58 31.3 25.6 38.4





#51
2-Hexanone
Concen: 13.141 ppbv
RT: 7.467 min Scan# 2277
Delta R.T. 0.010 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

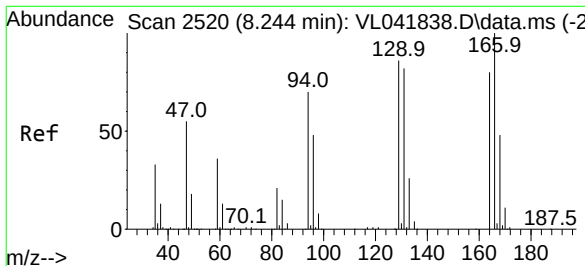
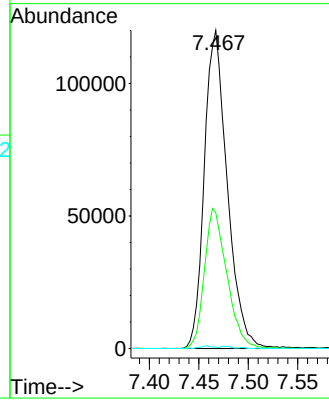
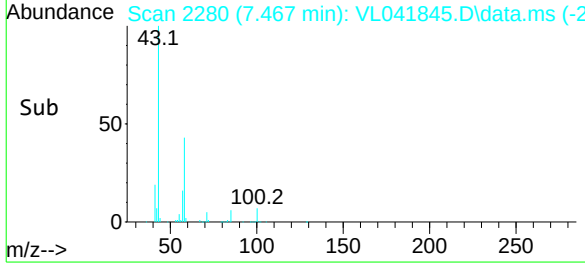
Instrument :
MSVOA_L
ClientSampleId :
ICVVL010725



Tgt Ion: 43 Resp: 193644
Ion Ratio Lower Upper
43 100
58 43.2 33.8 50.8
98 0.9 0.7 1.1

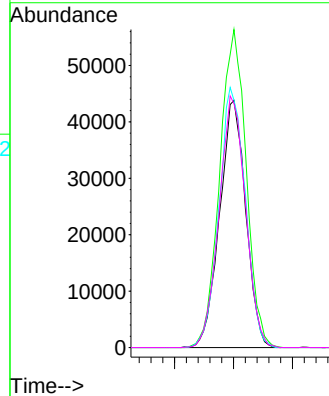
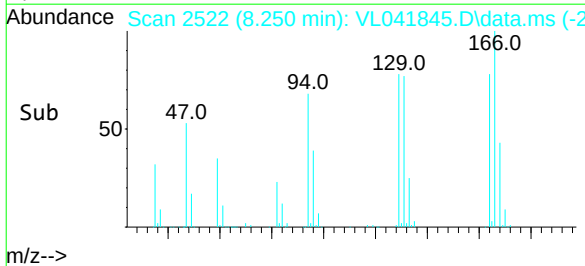
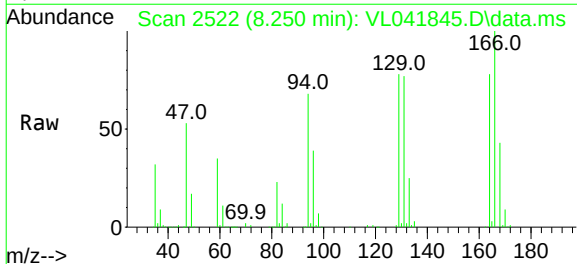
Manual Integrations
APPROVED

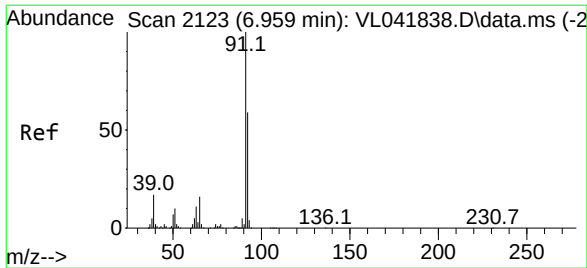
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#52
Tetrachloroethene
Concen: 11.100 ppbv
RT: 8.250 min Scan# 2522
Delta R.T. 0.006 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

Tgt Ion:164 Resp: 67208
Ion Ratio Lower Upper
164 100
166 128.7 100.4 150.6
129 100.1 85.9 128.9
131 98.7 82.8 124.2





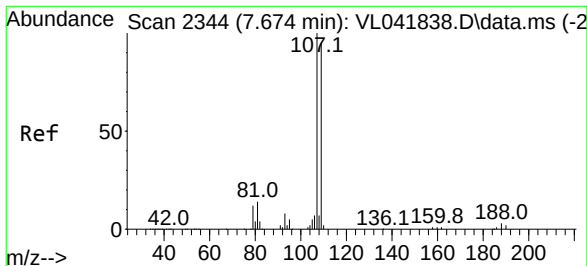
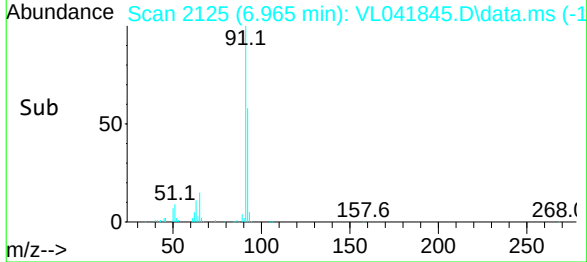
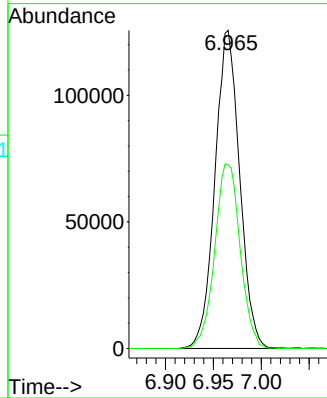
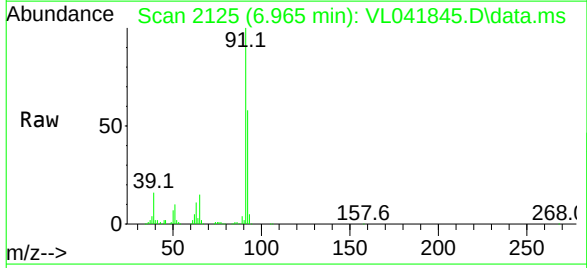
#53
Toluene
Concen: 12.382 ppbv
RT: 6.965 min Scan# 2125
Delta R.T. 0.006 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

Instrument : MSVOA_L
ClientSampleId : ICVVL010725

Tgt Ion: 91 Resp: 225037
Ion Ratio Lower Upper
91 100
92 60.0 47.8 71.6

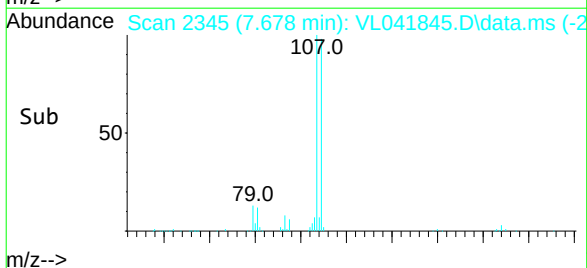
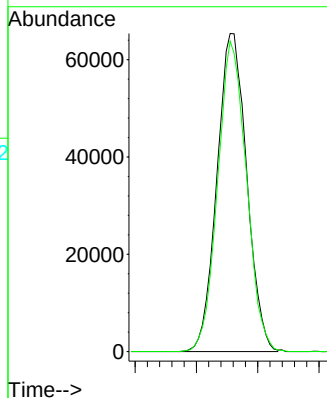
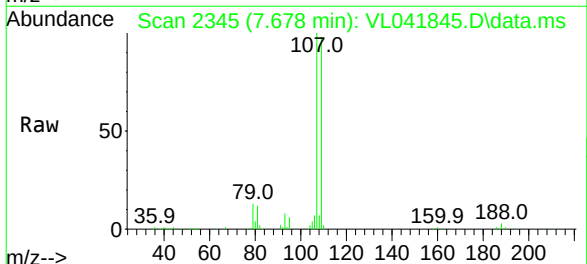
Manual Integrations
APPROVED

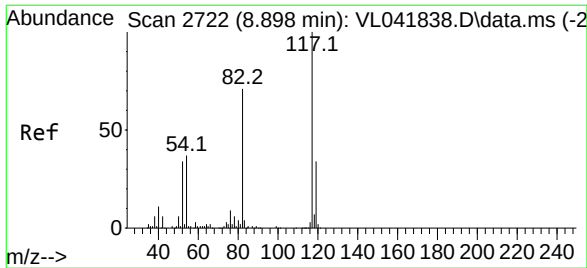
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#54
1,2-Dibromoethane
Concen: 10.765 ppbv
RT: 7.678 min Scan# 2345
Delta R.T. 0.003 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

Tgt Ion:107 Resp: 110135
Ion Ratio Lower Upper
107 100
109 97.6 75.9 113.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.904 min Scan# 27

Delta R.T. 0.006 min

Lab File: VL041845.D

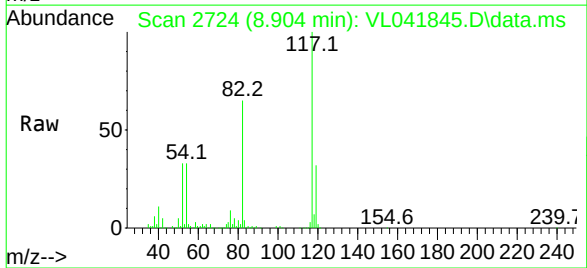
Acq: 07 Jan 2025 14:10

Instrument :

MSVOA_L

ClientSampleId :

ICVVL010725



Tgt Ion:117 Resp: 184732

Ion Ratio Lower Upper

117 100

82 72.6 59.1 88.7

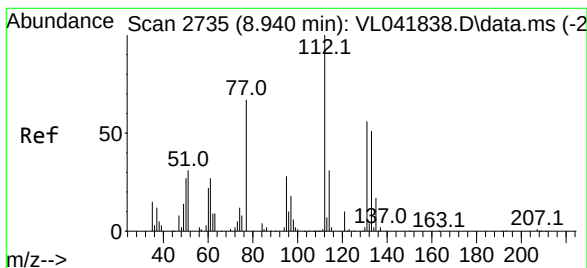
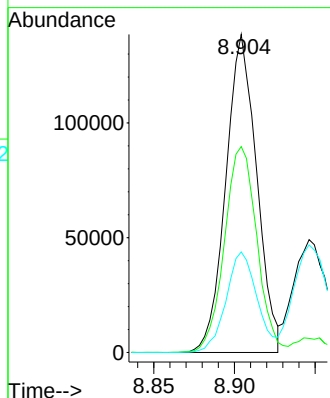
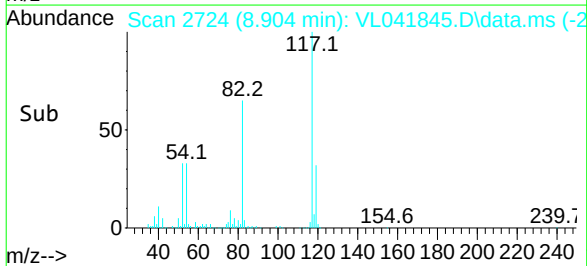
119 32.1 27.3 40.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025



#56

1,1,1,2-Tetrachloroethane

Concen: 10.379 ppbv

RT: 8.946 min Scan# 2737

Delta R.T. 0.006 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

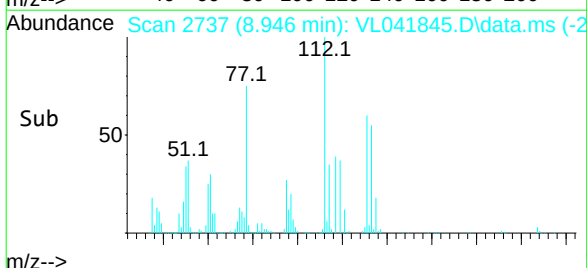
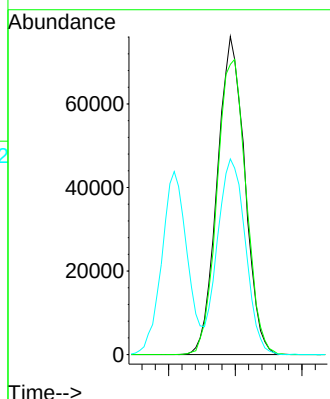
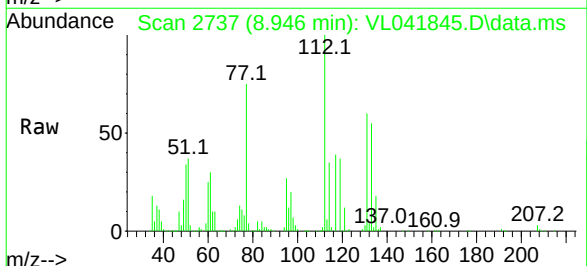
Tgt Ion:131 Resp: 109273

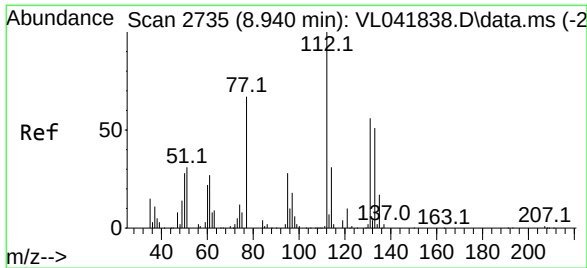
Ion Ratio Lower Upper

131 100

133 97.6 77.3 115.9

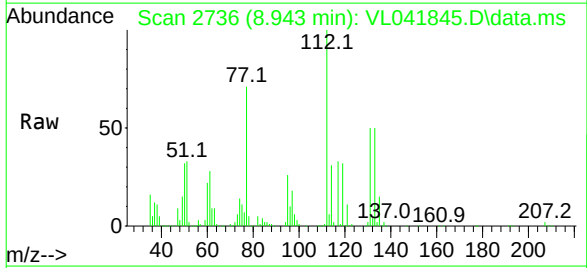
119 64.4 50.6 76.0





#57
Chlorobenzene
Concen: 9.844 ppbv
RT: 8.943 min Scan# 2735
Delta R.T. 0.003 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

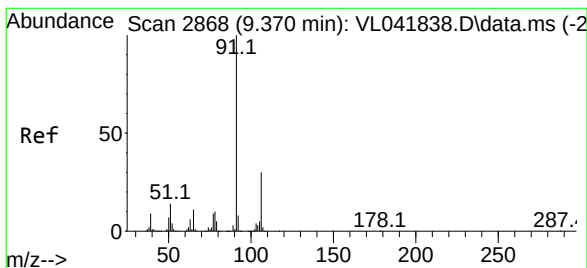
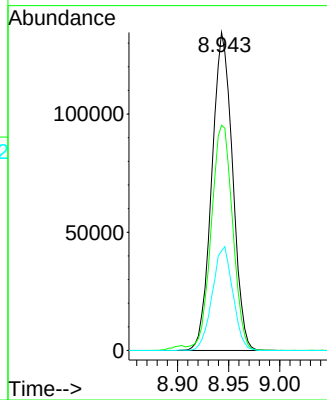
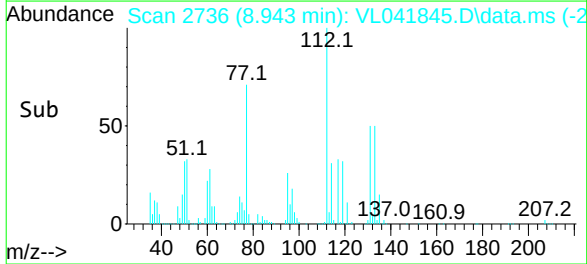
Instrument :
MSVOA_L
ClientSampleId :
ICVVL010725



Tgt Ion: 112 Resp: 189988
Ion Ratio Lower Upper
112 100
77 70.8 55.1 82.7
114 31.3 28.3 34.5

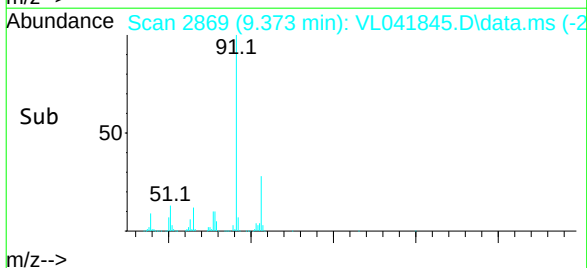
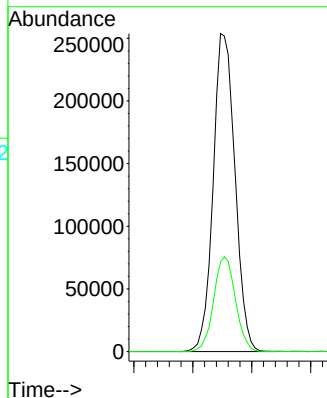
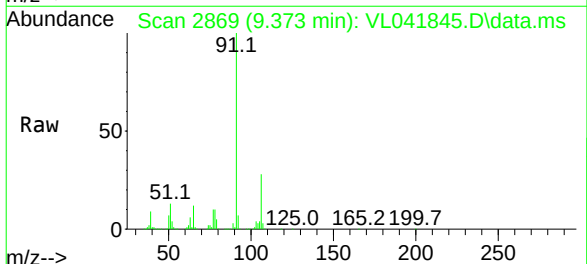
Manual Integrations
APPROVED

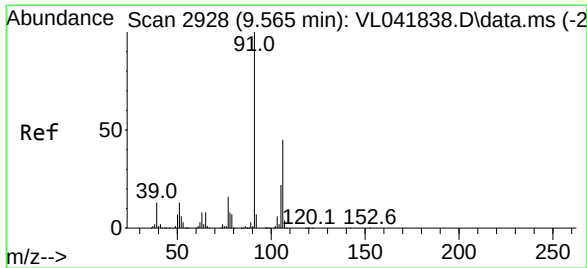
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#58
Ethyl Benzene
Concen: 12.964 ppbv
RT: 9.373 min Scan# 2869
Delta R.T. 0.003 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

Tgt Ion: 91 Resp: 326397
Ion Ratio Lower Upper
91 100
106 28.2 23.8 35.8





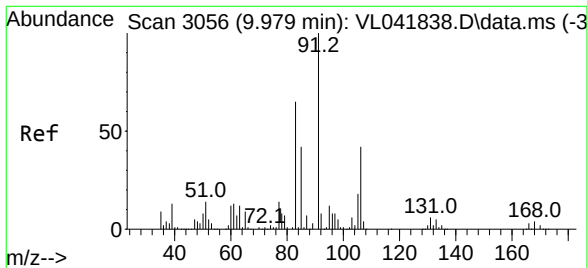
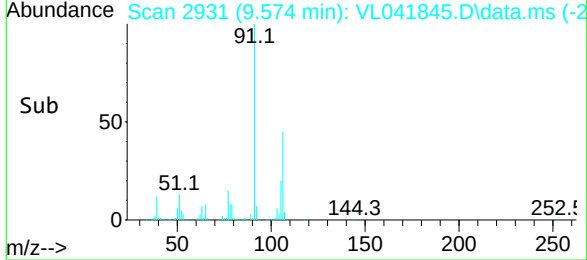
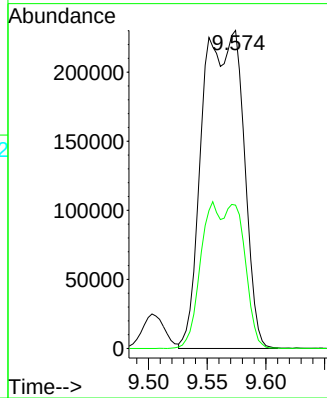
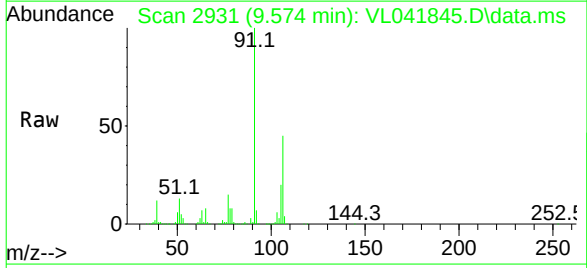
#59
m/p-Xylene
Concen: 25.362 ppbv m
RT: 9.574 min Scan# 29
Delta R.T. 0.010 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

Instrument :
MSVOA_L
ClientSampleId :
ICVVL010725

Tgt Ion: 91 Resp: 562576
Ion Ratio Lower Upper
91 100
106 0.0 36.7 55.1#

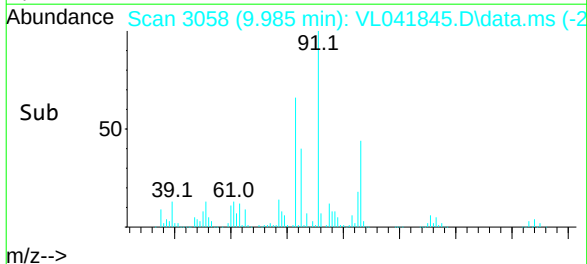
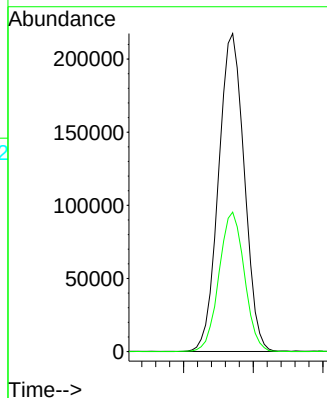
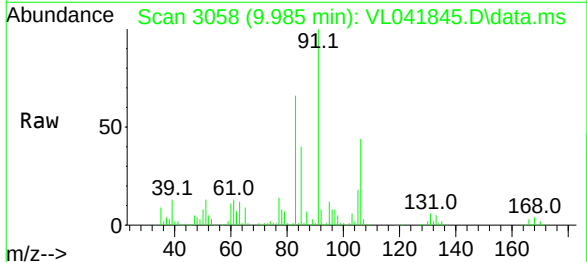
Manual Integrations
APPROVED

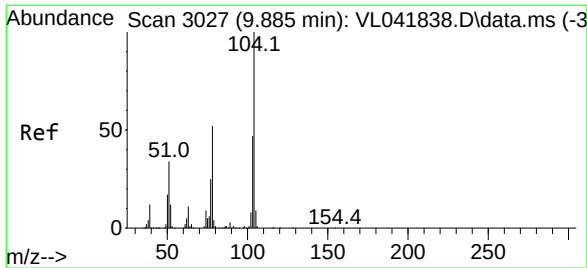
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#60
o-Xylene
Concen: 12.905 ppbv
RT: 9.985 min Scan# 3058
Delta R.T. 0.006 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

Tgt Ion: 91 Resp: 278979
Ion Ratio Lower Upper
91 100
106 43.3 21.9 65.5





#61

Styrene

Concen: 13.435 ppbv

RT: 9.891 min Scan# 3027

Delta R.T. 0.006 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Instrument :

MSVOA_L

ClientSampleId :

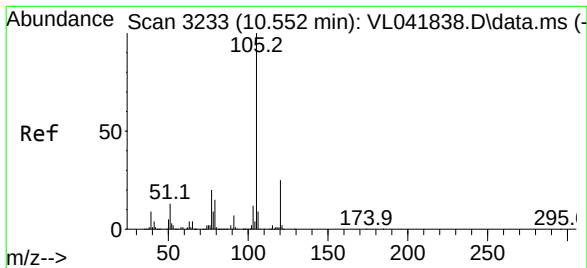
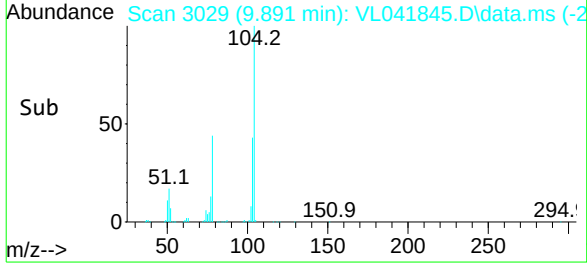
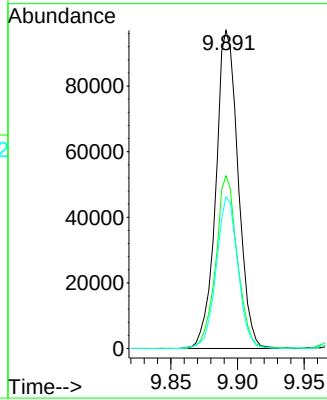
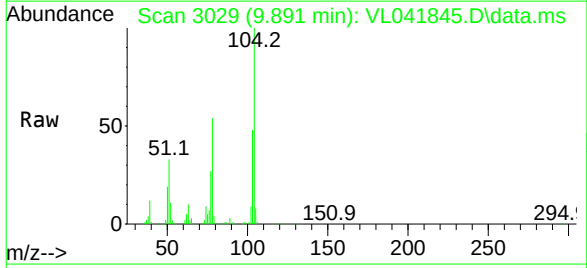
ICVVL010725

Tgt Ion:	104	Resp:	112676
Ion Ratio	Lower	Upper	
104	100		
78	52.7	42.7	64.1
103	46.5	37.8	56.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#62

Isopropylbenzene

Concen: 12.217 ppbv

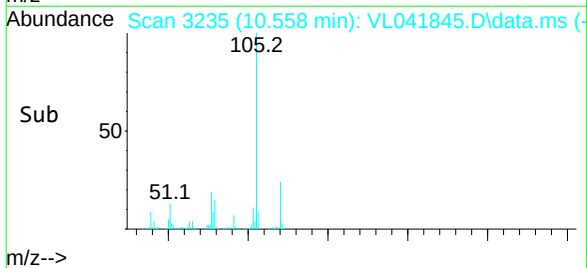
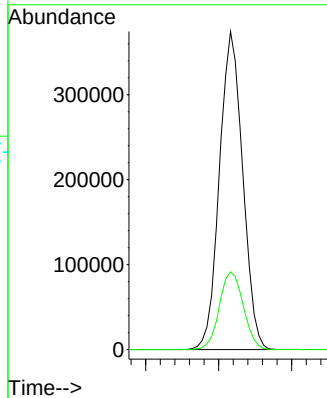
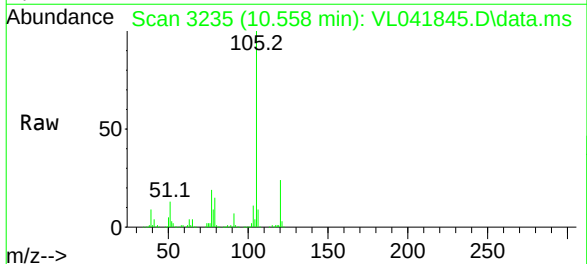
RT: 10.558 min Scan# 3235

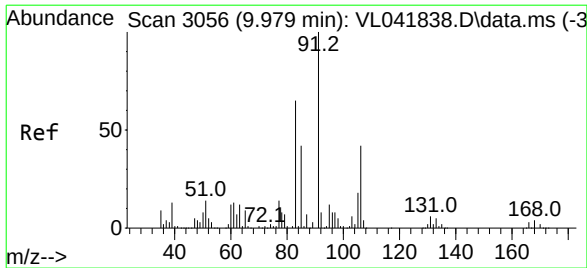
Delta R.T. 0.006 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Tgt Ion:	105	Resp:	414931
Ion Ratio	Lower	Upper	
105	100		
120	25.2	20.4	30.6





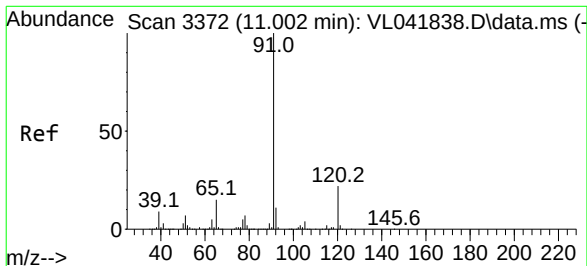
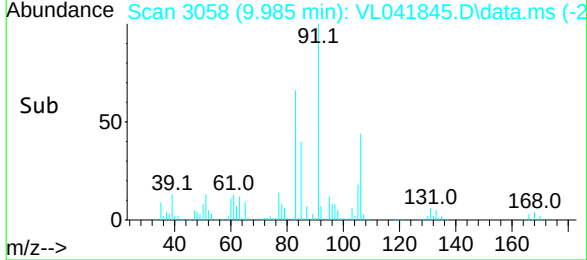
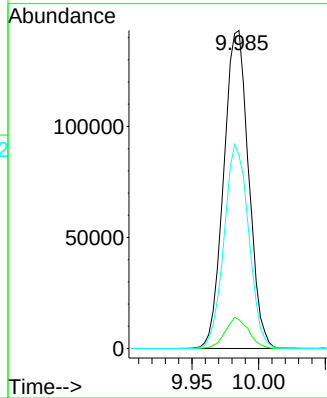
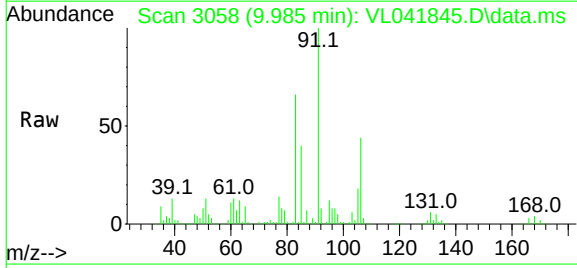
#63
1,1,2,2-Tetrachloroethane
Concen: 9.806 ppbv
RT: 9.985 min Scan# 3058
Delta R.T. 0.006 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

Instrument : MSVOA_L
ClientSampleId : ICVVL010725

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.8	14.3
85	63.6	31.9	95.9

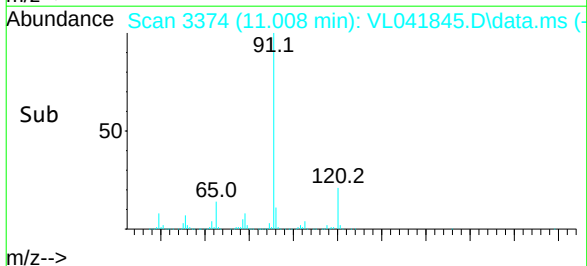
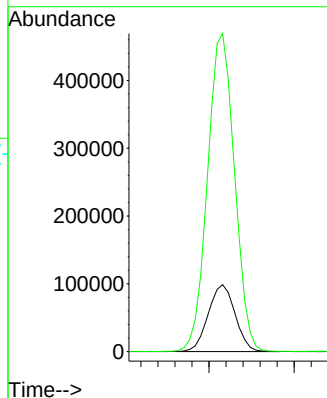
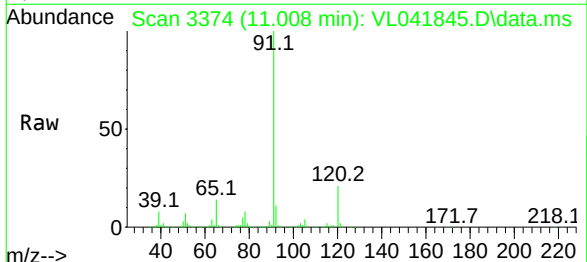
Manual Integrations
APPROVED

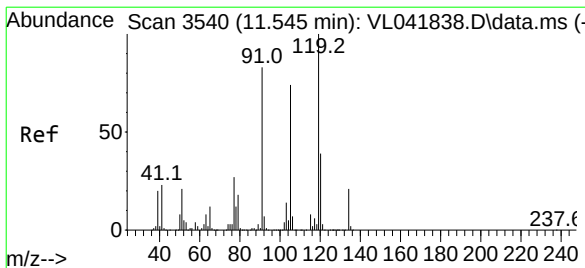
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#64
n-propylbenzene
Concen: 12.391 ppbv
RT: 11.008 min Scan# 3374
Delta R.T. 0.006 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

Tgt Ion	Ratio	Lower	Upper
120	100		
91	479.9	382.1	573.1





#65

tert-Butylbenzene

Concen: 12.414 ppbv

RT: 11.549 min Scan# 3541

Delta R.T. 0.003 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Instrument :

MSVOA_L

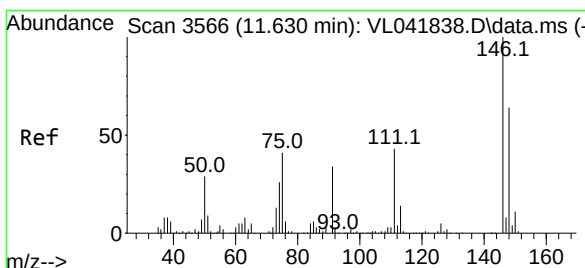
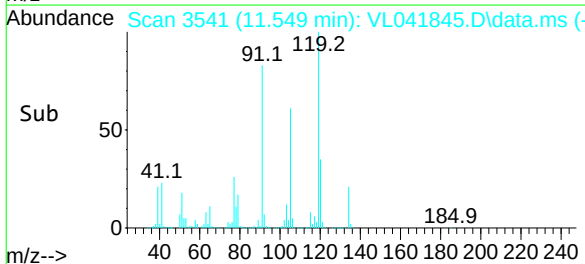
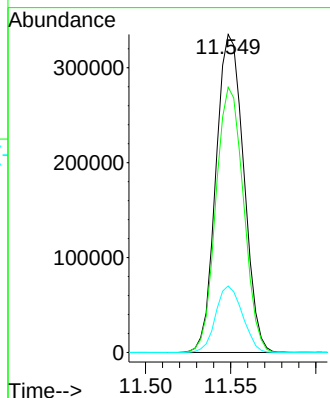
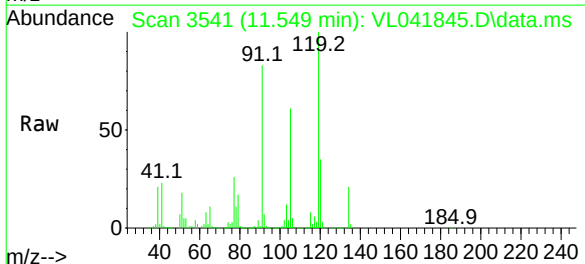
ClientSampleId :

ICVVL010725

Tgt Ion:	119	Resp:	379928
Ion Ratio	Lower	Upper	
119	100		
91	83.0	68.0	102.0
134	20.2	16.2	24.4

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#66

Benzyl Chloride

Concen: 10.193 ppbv

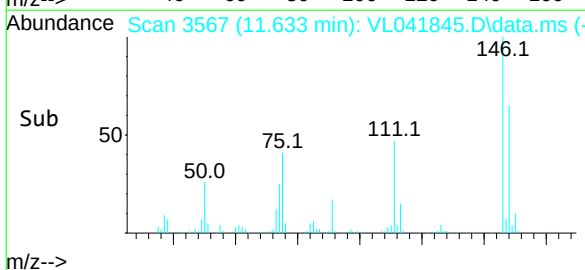
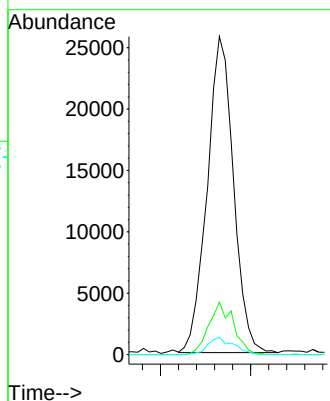
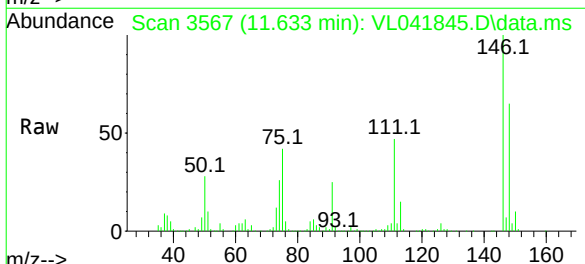
RT: 11.633 min Scan# 3567

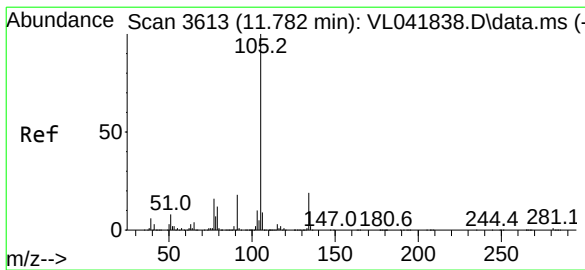
Delta R.T. 0.003 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Tgt Ion:	91	Resp:	26131
Ion Ratio	Lower	Upper	
91	100		
126	15.6	12.1	18.1
128	5.3	4.3	6.5





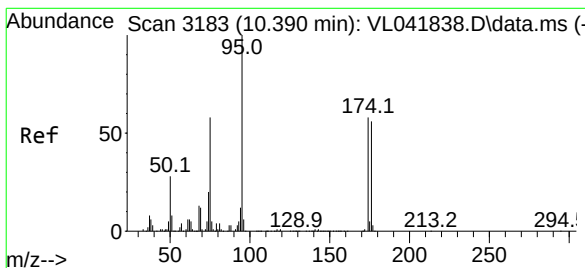
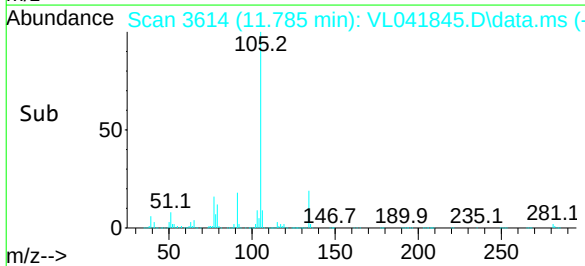
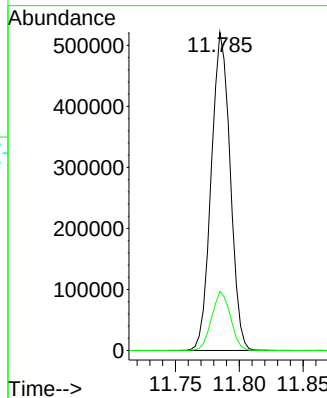
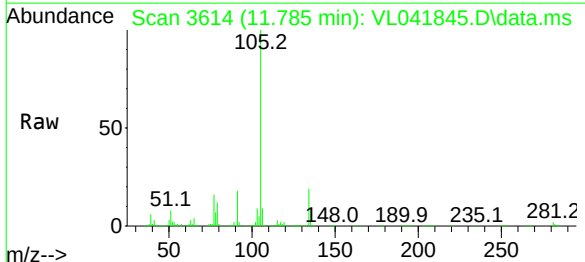
#67
 sec-Butylbenzene
 Concen: 12.017 ppbv
 RT: 11.785 min Scan# 3613
 Delta R.T. 0.003 min
 Lab File: VL041845.D
 Acq: 07 Jan 2025 14:10

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL010725

Tgt Ion: 105 Resp: 536668
 Ion Ratio Lower Upper
 105 100
 134 18.5 14.6 22.0

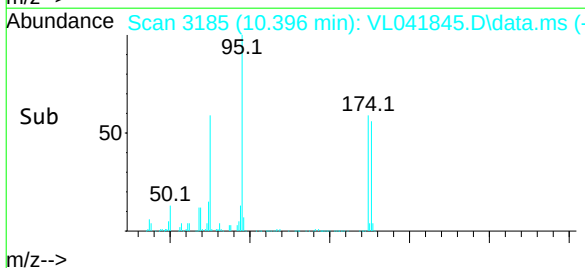
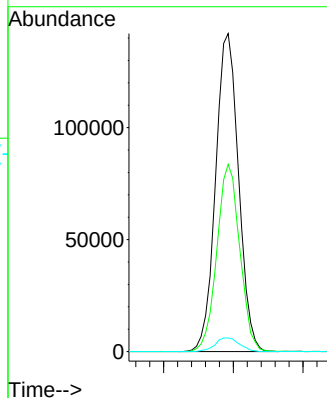
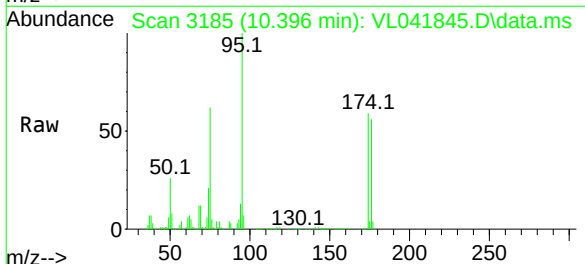
Manual Integrations
 APPROVED

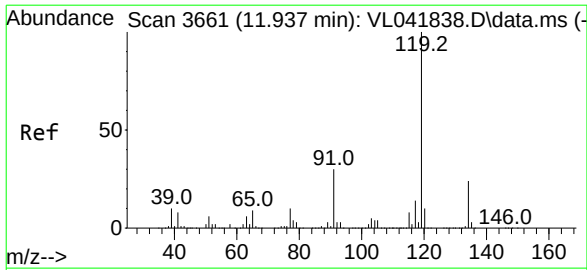
Reviewed By : Semsettin Yesilyurt 01/09/2025
 Supervised By : Mahesh Dadoda 01/09/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.260 ppbv
 RT: 10.396 min Scan# 3185
 Delta R.T. 0.006 min
 Lab File: VL041845.D
 Acq: 07 Jan 2025 14:10

Tgt Ion: 95 Resp: 162329
 Ion Ratio Lower Upper
 95 100
 174 58.8 47.6 71.4
 175 4.6 3.8 5.6





#69

p-Isopropyltoluene

Concen: 12.411 ppbv

RT: 11.943 min Scan# 3661

Delta R.T. 0.006 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Instrument :

MSVOA_L

ClientSampleId :

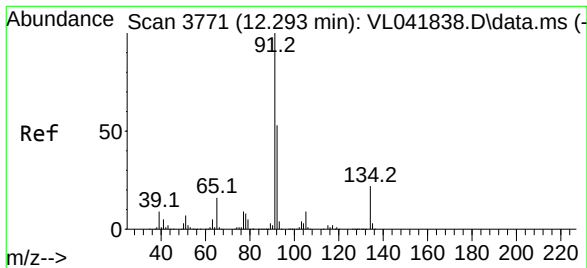
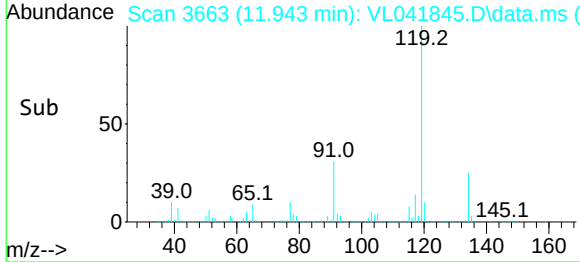
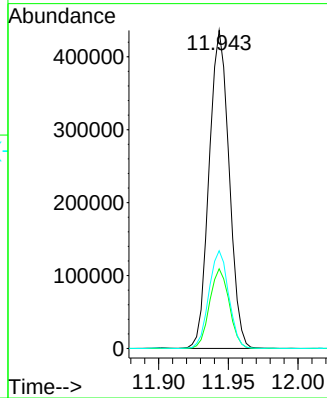
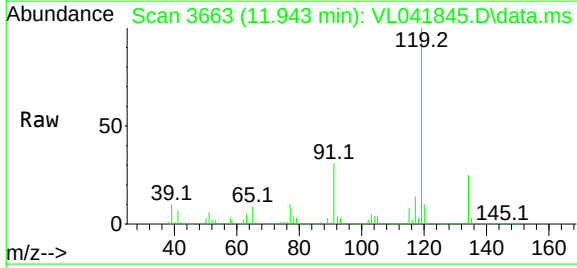
ICVVL010725

Tgt Ion:	119	Resp:	435146
Ion Ratio	Lower	Upper	
119	100		
134	24.6	19.4	29.2
91	30.6	24.0	36.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#70

n-Butylbenzene

Concen: 12.223 ppbv

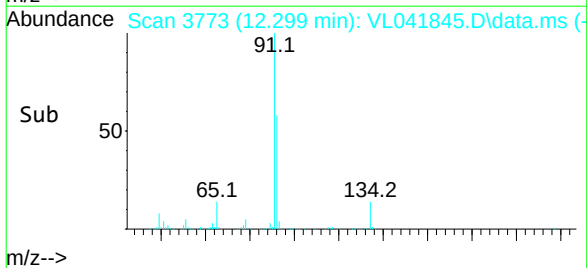
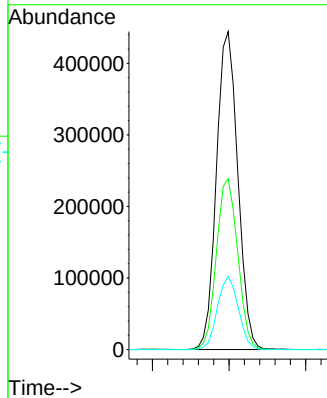
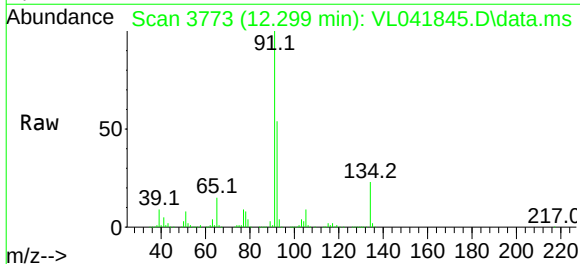
RT: 12.299 min Scan# 3773

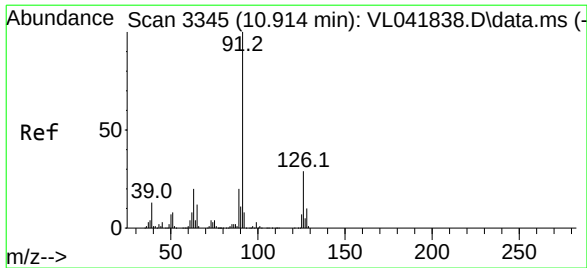
Delta R.T. 0.006 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

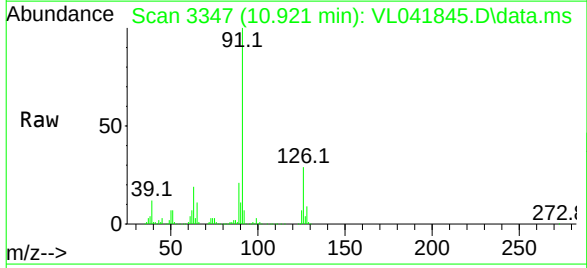
Tgt Ion:	91	Resp:	430545
Ion Ratio	Lower	Upper	
91	100		
92	53.7	42.8	64.2
134	22.5	17.8	26.6





#71
2-Chlorotoluene
Concen: 12.356 ppbv
RT: 10.921 min Scan# 3345
Delta R.T. 0.006 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10

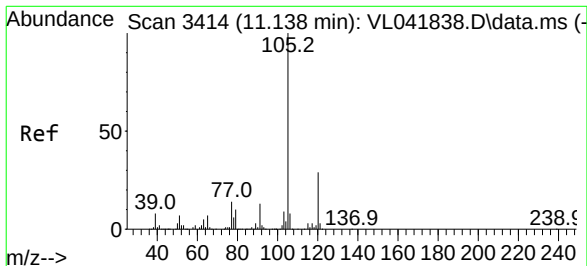
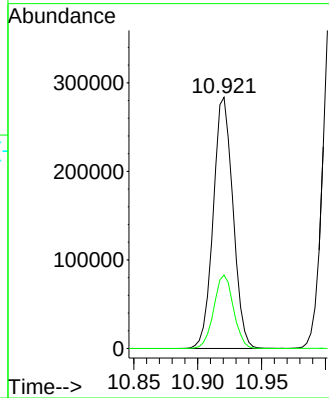
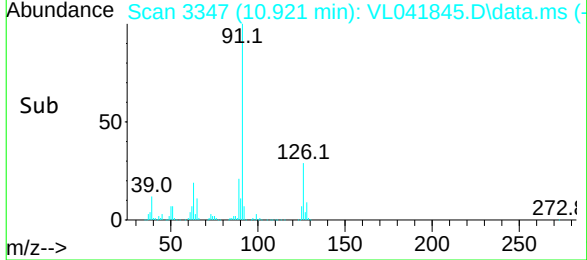
Instrument :
MSVOA_L
ClientSampleId :
ICVVL010725



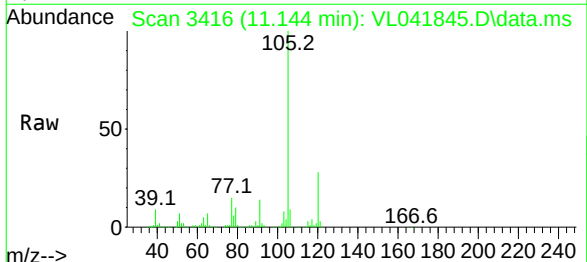
Tgt Ion: 91 Resp: 304622
Ion Ratio Lower Upper
91 100
126 29.1 11.6 46.6

Manual Integrations
APPROVED

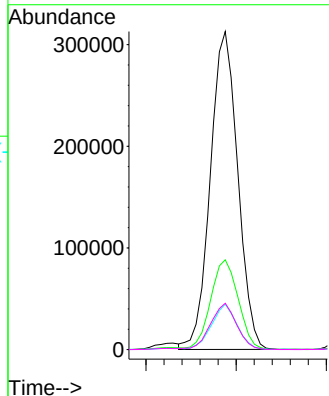
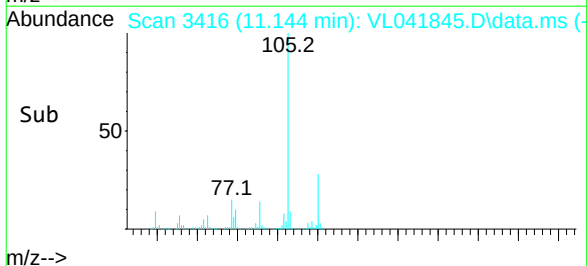
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025

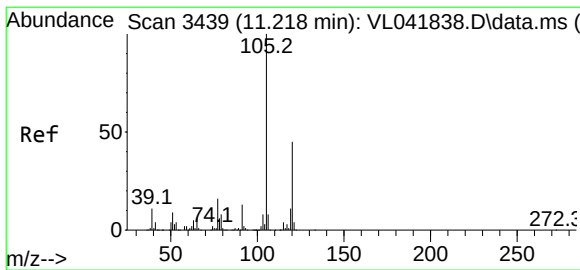


#72
4-Ethyltoluene
Concen: 12.644 ppbv
RT: 11.144 min Scan# 3416
Delta R.T. 0.006 min
Lab File: VL041845.D
Acq: 07 Jan 2025 14:10



Tgt Ion:105 Resp: 330541
Ion Ratio Lower Upper
105 100
120 29.0 23.4 35.2
91 13.8 10.8 16.2
77 14.3 11.6 17.4





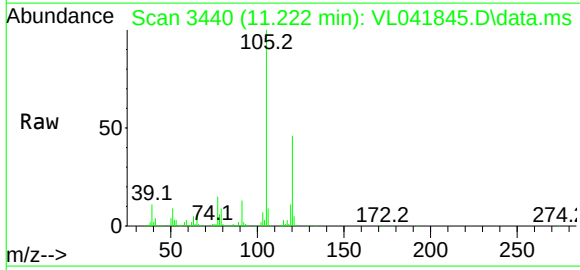
#73
 1,3,5-Trimethylbenzene
 Concen: 12.558 ppbv
 RT: 11.222 min Scan# 3439
 Delta R.T. 0.003 min
 Lab File: VL041845.D
 Acq: 07 Jan 2025 14:10

Instrument :

MSVOA_L

ClientSampleId :

ICVVL010725

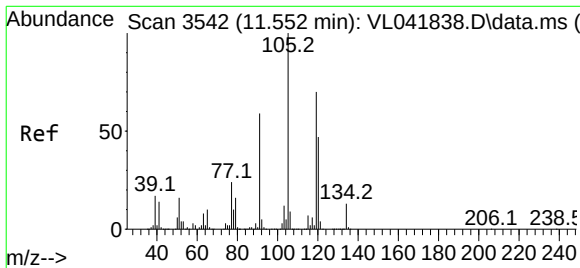
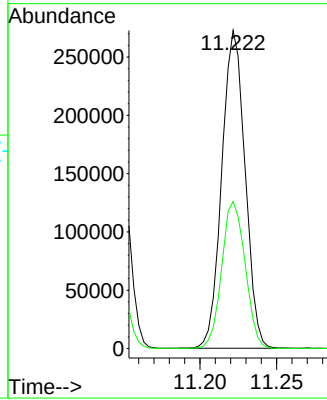
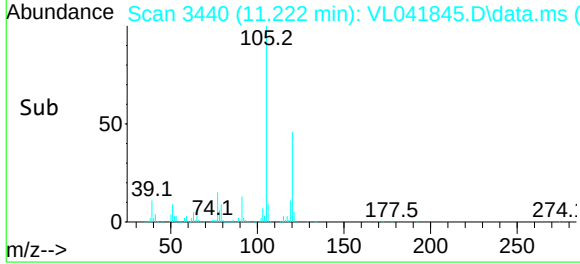


Tgt Ion:	105	Resp:	287547
Ion Ratio	Lower	Upper	
105	100		
120	46.2	35.9	53.9

Manual Integrations

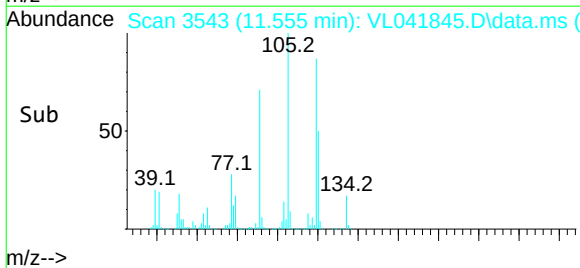
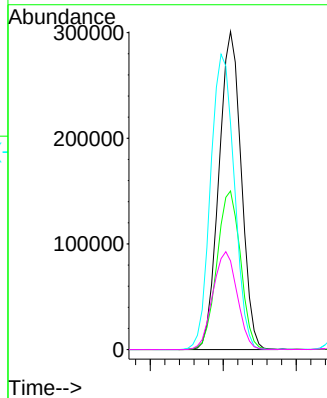
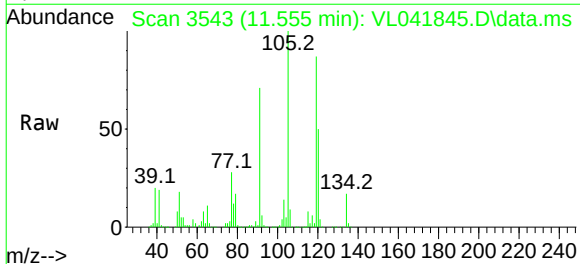
APPROVED

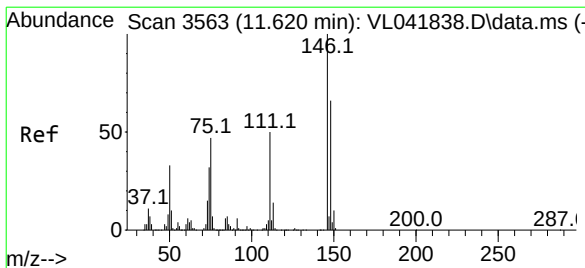
Reviewed By :Semsettin Yesilyurt 01/09/2025
 Supervised By :Mahesh Dadoda 01/09/2025



#74
 1,2,4-Trimethylbenzene
 Concen: 12.078 ppbv
 RT: 11.555 min Scan# 3543
 Delta R.T. 0.003 min
 Lab File: VL041845.D
 Acq: 07 Jan 2025 14:10

Tgt Ion:	105	Resp:	320339
Ion Ratio	Lower	Upper	
105	100		
120	49.9	37.4	56.0
91	71.1	47.4	71.2
77	27.9	19.0	28.6





#75

1,3-Dichlorobenzene

Concen: 10.080 ppbv

RT: 11.626 min Scan# 3563

Delta R.T. 0.006 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Instrument :

MSVOA_L

ClientSampleId :

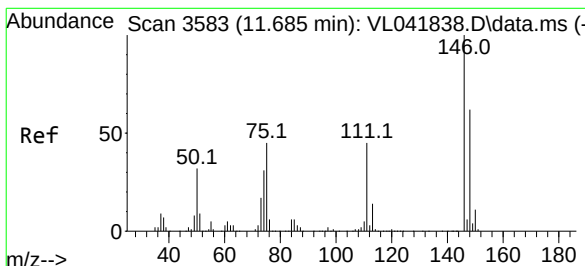
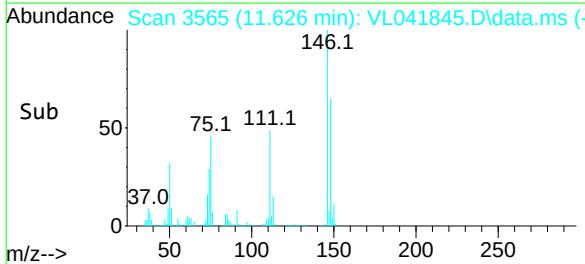
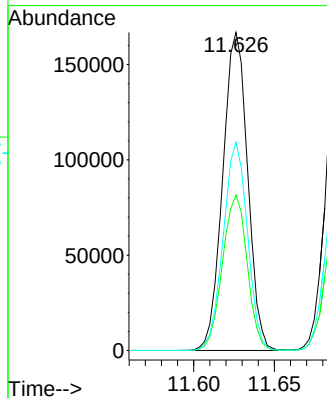
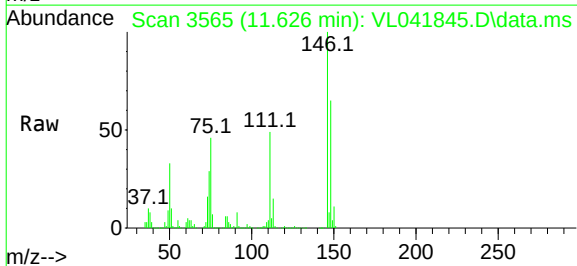
ICVVL010725

Tgt Ion:	146	Resp:	178940
Ion Ratio	Lower	Upper	
146	100		
111	48.6	24.1	72.2
148	63.9	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#76

1,4-Dichlorobenzene

Concen: 10.476 ppbv

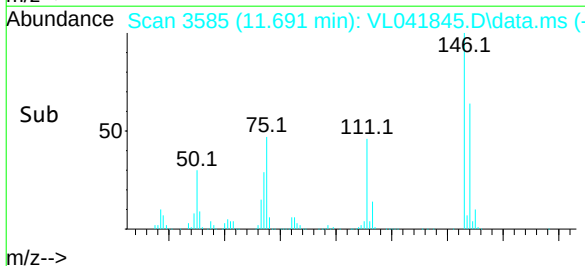
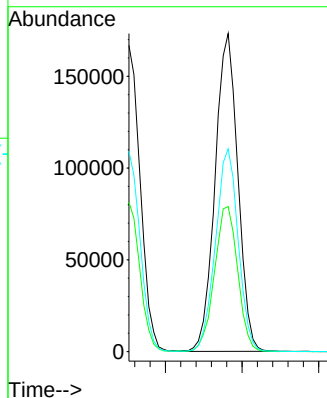
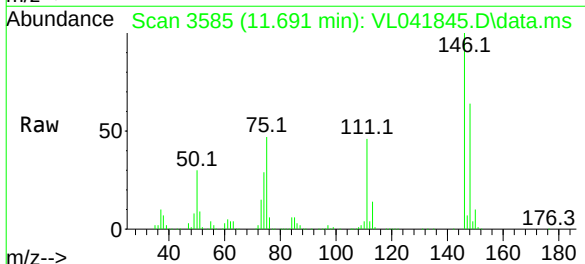
RT: 11.691 min Scan# 3585

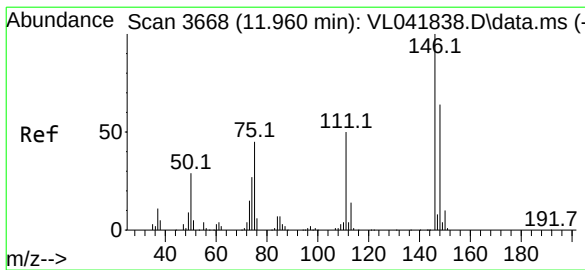
Delta R.T. 0.006 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Tgt Ion:	146	Resp:	178959
Ion Ratio	Lower	Upper	
146	100		
111	46.6	23.2	69.6
148	63.9	32.1	96.3





#77

1,2-Dichlorobenzene

Concen: 9.629 ppbv

RT: 11.966 min Scan# 3668

Delta R.T. 0.006 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Instrument :

MSVOA_L

ClientSampleId :

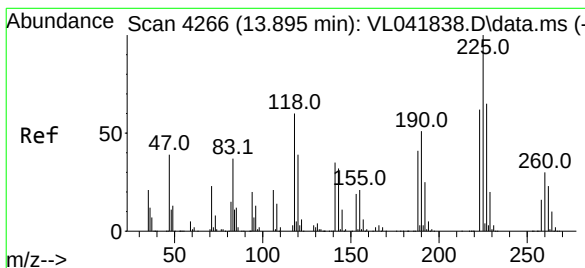
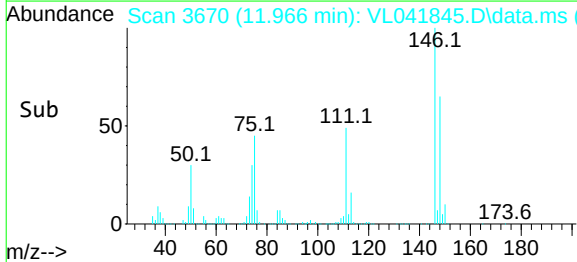
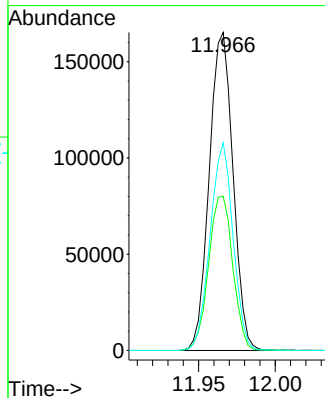
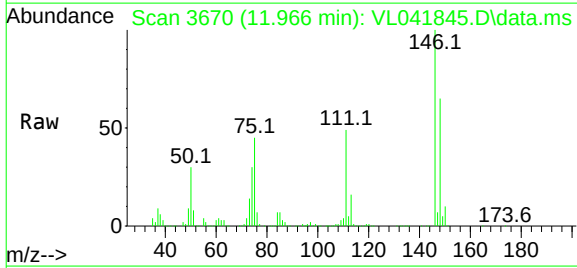
ICVVL010725

Tgt Ion:	146	Resp:	178111
Ion	Ratio	Lower	Upper
146	100		
111	49.7	24.7	74.1
148	63.2	31.5	94.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#78

Hexachloro-1,3-Butadiene

Concen: 8.677 ppbv

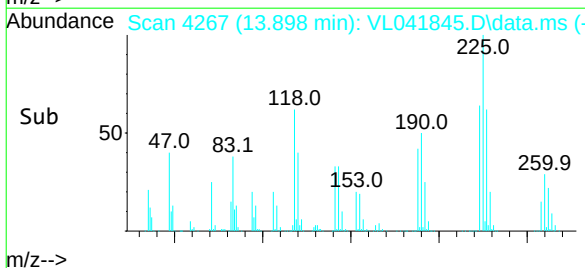
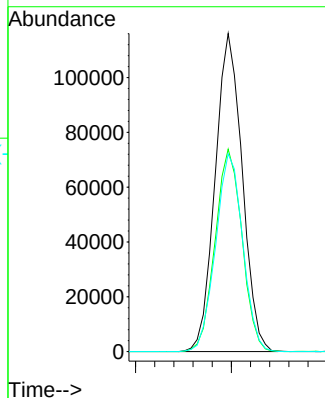
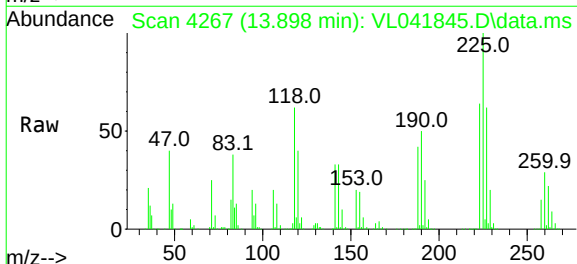
RT: 13.898 min Scan# 4267

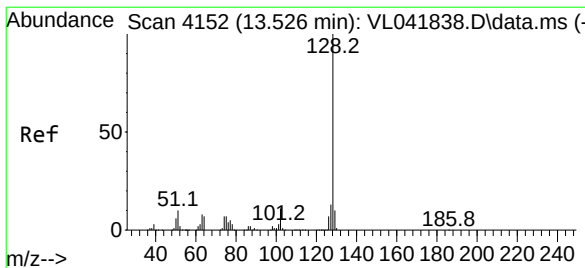
Delta R.T. 0.003 min

Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Tgt Ion:	225	Resp:	113955
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.4	75.6
227	62.1	51.2	76.8





#79

Naphthalene

Concen: 12.385 ppbv

RT: 13.529 min Scan# 4153

Delta R.T. 0.003 min

Lab File: VL041845.D

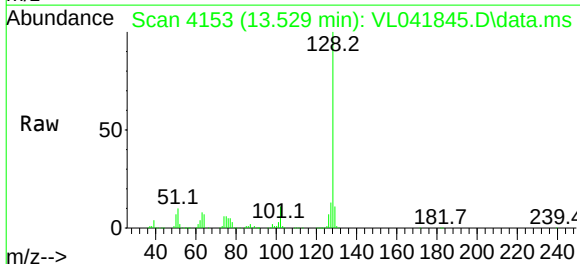
Acq: 07 Jan 2025 14:10

Instrument :

MSVOA_L

ClientSampleId :

ICVVL010725

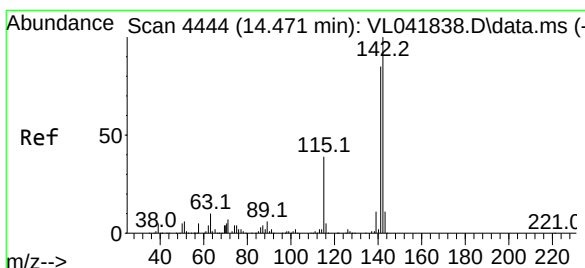
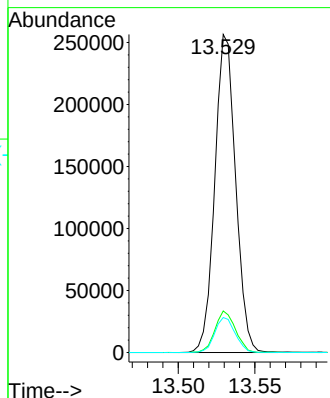


Tgt Ion:128 Resp: 241962

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	11.0	8.2	12.4

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#80

Naphthalene,2-methyl-

Concen: 9.565 ppbv

RT: 14.474 min Scan# 4445

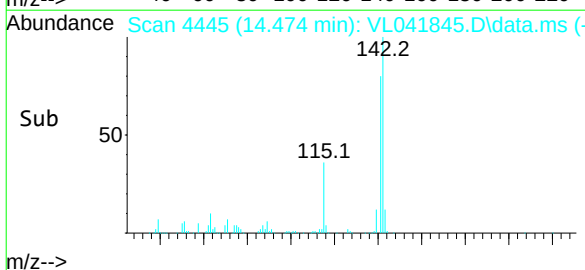
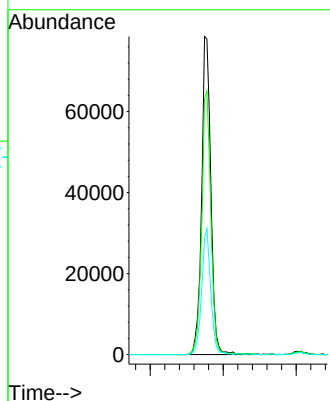
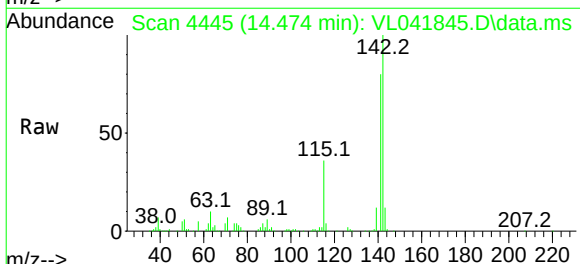
Delta R.T. 0.003 min

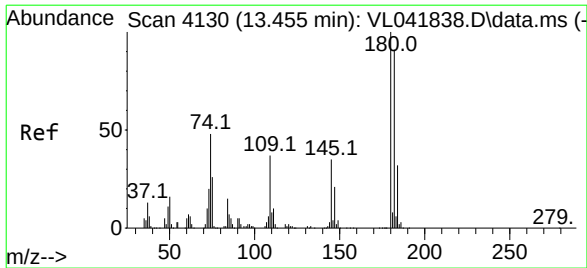
Lab File: VL041845.D

Acq: 07 Jan 2025 14:10

Tgt Ion:142 Resp: 69167

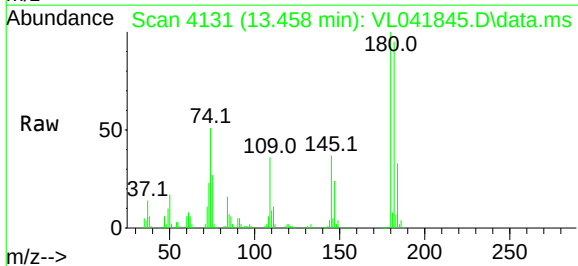
Ion	Ratio	Lower	Upper
142	100		
141	81.9	67.8	101.8
115	39.0	32.6	48.8





#81
 1,2,4-Trichlorobenzene
 Concen: 10.316 ppbv
 RT: 13.458 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041845.D
 Acq: 07 Jan 2025 14:10

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL010725



Tgt Ion:	180	Resp:	111710
Ion Ratio	Lower	Upper	
180	100		
182	96.2	75.9	113.9
184	30.4	24.8	37.2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025
 Supervised By :Mahesh Dadoda 01/09/2025

