

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020325\
 Data File : VL041958.D
 Acq On : 03 Feb 2025 10:48
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/04/2025
 Supervised By : Mahesh Dadoda 02/04/2025

Quant Time: Feb 04 02:30:31 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M

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

QLast Update : Tue Jan 14 23:15:42 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.791	49	157470	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	429487	10.000	ppbv	-0.01
55) Chlorobenzene-d5	8.885	117	371333	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.381	95	289698	9.905	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	218366	10.181	ppbv	100
3) Chlorodifluoromethane	1.477	51	231387	10.298	ppbv	99
4) Chloromethane	1.535	50	86482	10.721	ppbv	97
5) Vinyl Chloride	1.580	62	83248	10.188	ppbv	98
6) Bromomethane	1.667	94	38248	9.822	ppbv	99
7) Chloroethane	1.706	64	34164	10.747	ppbv	99
8) Dichlorotetrafluoroethane	1.554	85	186350	9.941	ppbv	99
9) Propene	1.483	41	95902	10.361	ppbv	98
10) Heptane	4.985	43	266975	10.790	ppbv	97
11) Trichlorofluoromethane	1.878	101	212261	9.513	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.140	101	162930	9.317	ppbv	99
13) Ethanol	1.722	45	4416	6.513	ppbv	99
14) Bromoethene	1.784	108	60620	9.468	ppbv	100
15) Acetone	1.836	43	176459	9.330	ppbv	99
16) 1,3-Butadiene	1.609	39	86792	10.224	ppbv	99
17) tert-Butyl alcohol	2.043	59	206522	8.872	ppbv	99
18) 1,1-Dichloroethene	2.036	96	74437	9.444	ppbv	93
19) Isopropyl Alcohol	1.888	45	101008	9.007	ppbv	94
20) Methylene Chloride	2.062	84	62977	8.426	ppbv	95
21) Allyl Chloride	2.098	41	126741	9.677	ppbv	98
22) trans-1,2-Dichloroethene	2.344	96	86281	9.700	ppbv	97
23) Vinyl Acetate	2.467	43	84390	9.001	ppbv #	98
24) 1,1-Dichloroethane	2.412	63	171515	9.969	ppbv	100
25) Ethyl Acetate	2.839	43	552271	10.829	ppbv	100
26) Hexane	2.829	57	216097	10.713	ppbv	95
27) Carbon Disulfide	2.153	76	200432	10.041	ppbv	99
28) Methyl tert-Butyl Ether	2.444	73	149839	9.719	ppbv	100
29) Chloroform	2.852	83	333879	10.471	ppbv	100
30) Cyclohexane	3.862	84	183180	10.470	ppbv	98
31) cis-1,2-Dichloroethene	2.723	61	208686	9.825	ppbv	95
32) 1,1,1-Trichloroethane	3.370	97	318650	10.444	ppbv	99
34) 2-Butanone	2.561	43	312946	11.458	ppbv	99
35) Carbon Tetrachloride	3.765	117	320703	11.888	ppbv	99
36) Benzene	3.661	78	444350	11.280	ppbv	97
37) 1,2-Dichloroethane	3.221	62	241263	10.905	ppbv	99
38) Trichloroethene	4.551	130	175365	11.218	ppbv	90
39) 1,2-Dichloropropane	4.322	63	155514	11.255	ppbv	98
40) 1,4-Dioxane	4.590	88	74675	10.701	ppbv #	97
41) Tetrahydrofuran	3.059	42	174208	11.736	ppbv	98
42) Bromodichloromethane	4.496	83	344670	11.620	ppbv	96
43) Methyl Methacrylate	4.888	69	156216	10.675	ppbv	95
44) 2,2,4-Trimethylpentane	4.645	57	751181	11.790	ppbv	99
45) t-1,3-Dichloropropene	6.425	75	148089	10.811	ppbv	98

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 Supervised By : Mahesh Dadoda 02/04/2025

Quant Time: Feb 04 02:30:31 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M

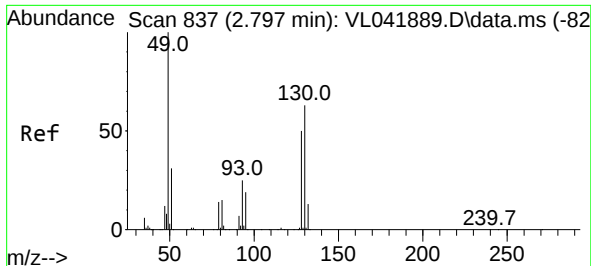
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Jan 14 23:15:42 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.610	75	202762	11.274	ppbv	99
47) 1,1,2-Trichloroethane	6.590	97	167097	11.410	ppbv	98
48) Dibromochloromethane	7.393	129	269437	11.924	ppbv	99
49) Bromoform	9.487	173	225054	12.125	ppbv	100
50) 4-Methyl-2-Pentanone	5.762	43	428753	11.499	ppbv	98
51) 2-Hexanone	7.445	43	336693	11.752	ppbv #	96
52) Tetrachloroethene	8.231	164	139466	10.211	ppbv	95
53) Toluene	6.940	91	483814	11.275	ppbv	100
54) 1,2-Dibromoethane	7.659	107	229203	11.384	ppbv	97
56) 1,1,1,2-Tetrachloroethane	8.931	131	220185	11.885	ppbv	99
57) Chlorobenzene	8.927	112	386374	11.280	ppbv	98
58) Ethyl Benzene	9.358	91	669174	11.531	ppbv	97
59) m/p-Xylene	9.555	91	1106231m	23.782	ppbv	
60) o-Xylene	9.969	91	555194	12.025	ppbv	98
61) Styrene	9.876	104	246355	11.895	ppbv	99
62) Isopropylbenzene	10.542	105	834260	11.677	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.966	83	362310	12.280	ppbv	99
64) n-propylbenzene	10.992	120	215585	11.942	ppbv	98
65) tert-Butylbenzene	11.536	119	746398	11.464	ppbv	99
66) Benzyl Chloride	11.620	91	44973	11.160	ppbv	98
67) sec-Butylbenzene	11.772	105	1044912	11.655	ppbv	100
69) p-Isopropyltoluene	11.931	119	867909	11.756	ppbv	99
70) n-Butylbenzene	12.284	91	848499	11.589	ppbv	100
71) 2-Chlorotoluene	10.905	91	615388	11.644	ppbv	98
72) 4-Ethyltoluene	11.128	105	658660	11.926	ppbv	100
73) 1,3,5-Trimethylbenzene	11.209	105	566361	11.613	ppbv	96
74) 1,2,4-Trimethylbenzene	11.542	105	616177	11.666	ppbv	90
75) 1,3-Dichlorobenzene	11.614	146	357966	11.437	ppbv	99
76) 1,4-Dichlorobenzene	11.675	146	352145	11.500	ppbv	100
77) 1,2-Dichlorobenzene	11.950	146	355386	11.457	ppbv	100
78) Hexachloro-1,3-Butadiene	13.886	225	247691	9.729	ppbv	99
79) Naphthalene	13.517	128	553420	10.407	ppbv	99
80) Naphthalene,2-methyl-	14.465	142	173813	6.894	ppbv	97
81) 1,2,4-Trichlorobenzene	13.446	180	251038	9.671	ppbv	98

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



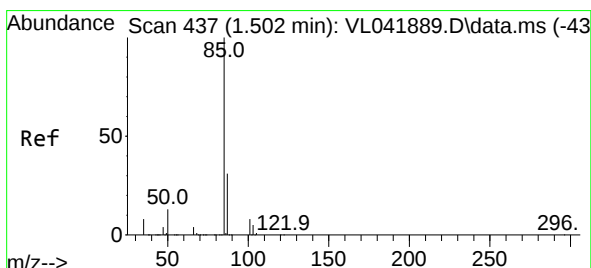
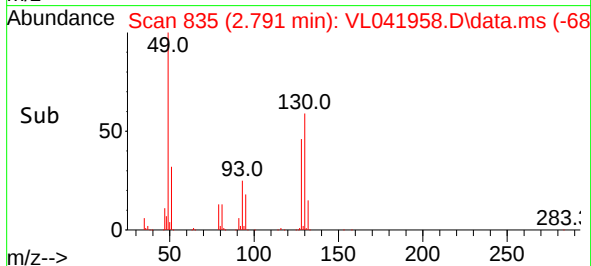
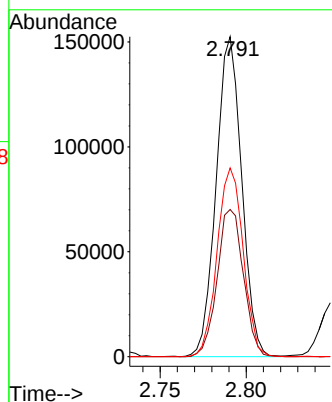
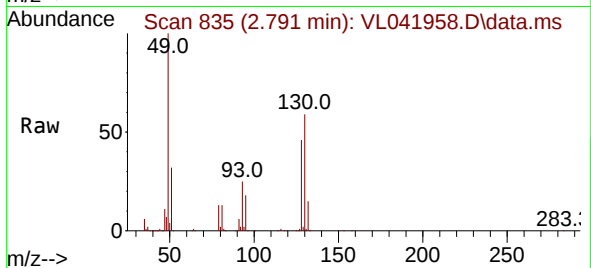
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.791 min Scan# 81
Delta R.T. -0.006 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 157470
Ion Ratio Lower Upper
49 100
128 47.3 24.3 73.0
130 60.1 31.1 93.2

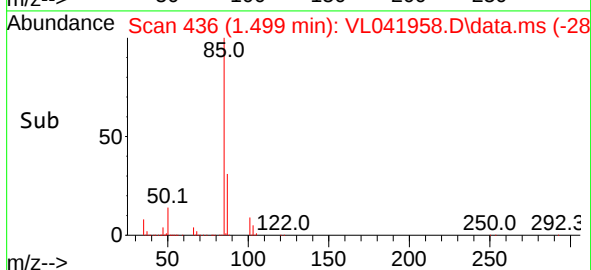
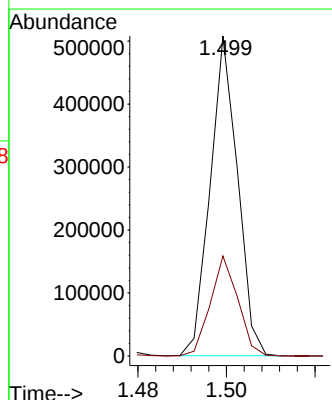
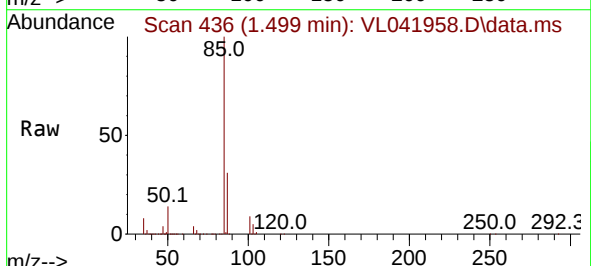
Manual Integrations
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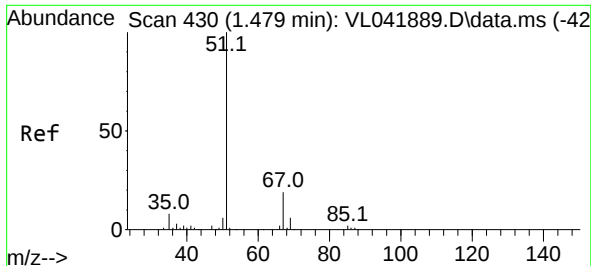
Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#2
Dichlorodifluoromethane
Concen: 10.181 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.003 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

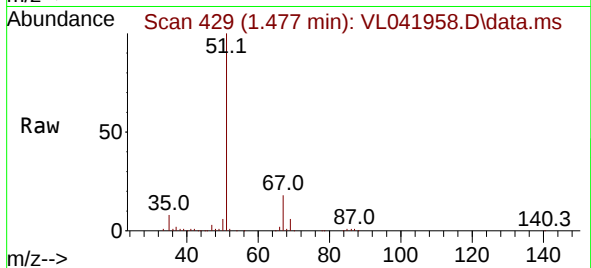
Tgt Ion: 85 Resp: 218366
Ion Ratio Lower Upper
85 100
87 31.3 24.9 37.3





#3
Chlorodifluoromethane
Concen: 10.298 ppbv
RT: 1.477 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

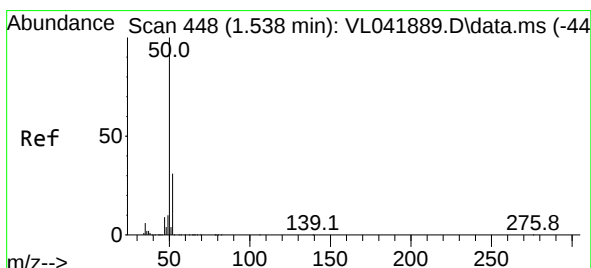
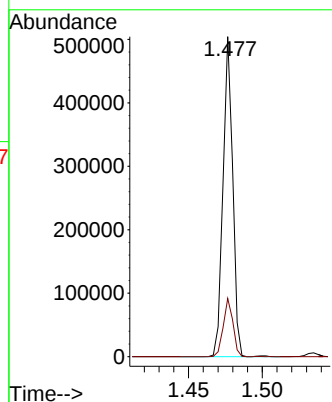
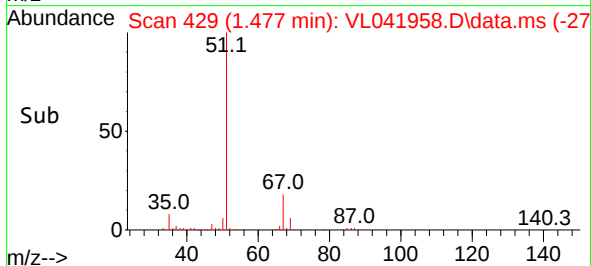
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 51 Resp: 23138
Ion Ratio Lower Upper
51 100
67 18.2 15.0 22.4

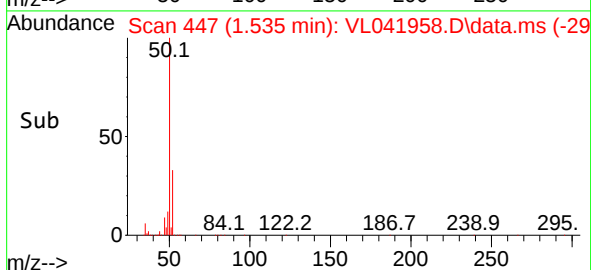
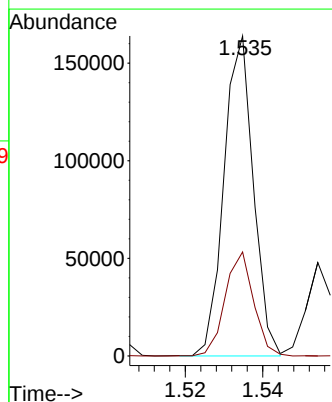
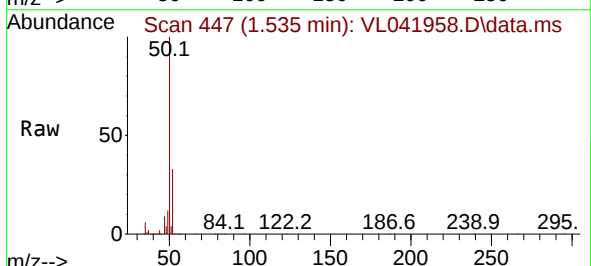
Manual Integrations
APPROVED

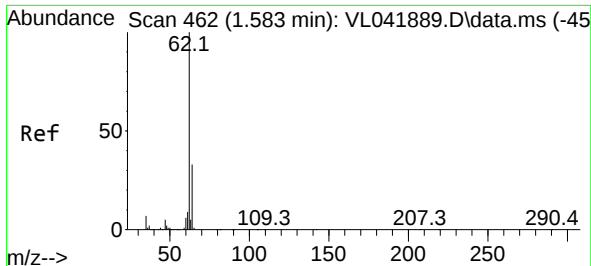
Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#4
Chloromethane
Concen: 10.721 ppbv
RT: 1.535 min Scan# 447
Delta R.T. -0.003 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

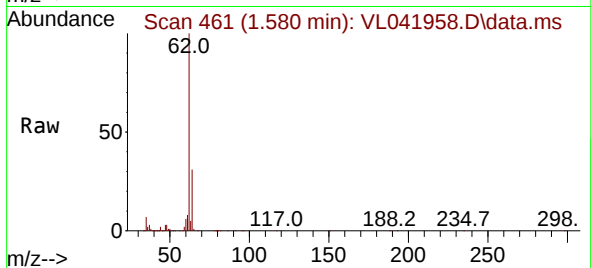
Tgt Ion: 50 Resp: 86482
Ion Ratio Lower Upper
50 100
52 32.5 24.6 36.8





#5
 Vinyl Chloride
 Concen: 10.188 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.003 min
 Lab File: VL041958.D
 Acq: 03 Feb 2025 10:48

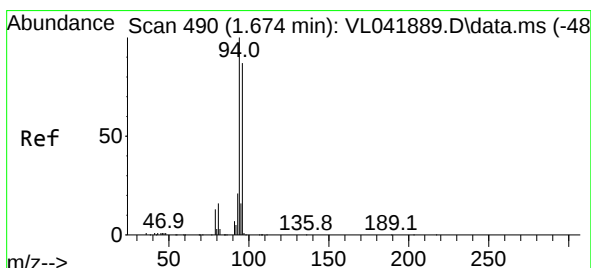
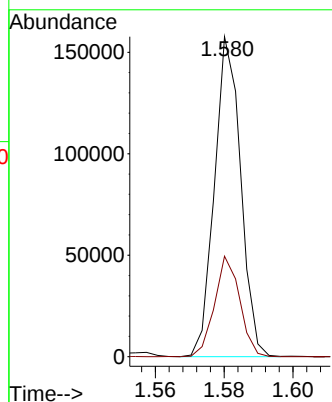
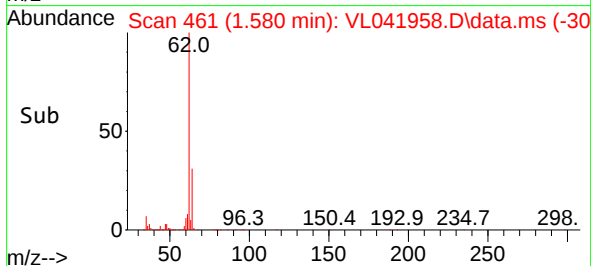
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 62 Resp: 83248
 Ion Ratio Lower Upper
 62 100
 64 31.4 26.1 39.1

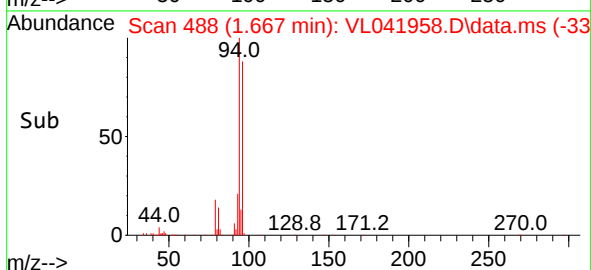
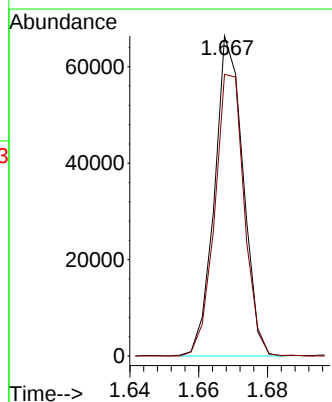
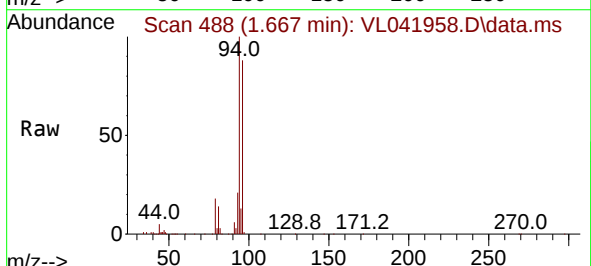
Manual Integrations
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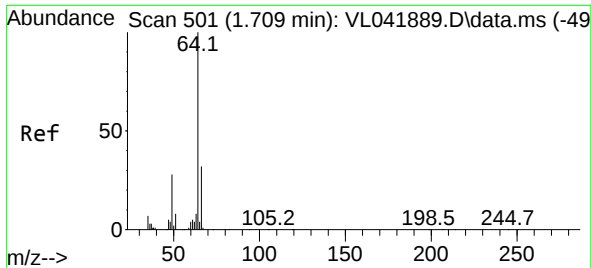
Reviewed By :Semsettin Yesilyurt 02/04/2025
 Supervised By :Mahesh Dadoda 02/04/2025



#6
 Bromomethane
 Concen: 9.822 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.006 min
 Lab File: VL041958.D
 Acq: 03 Feb 2025 10:48

Tgt Ion: 94 Resp: 38248
 Ion Ratio Lower Upper
 94 100
 96 88.0 69.5 104.3





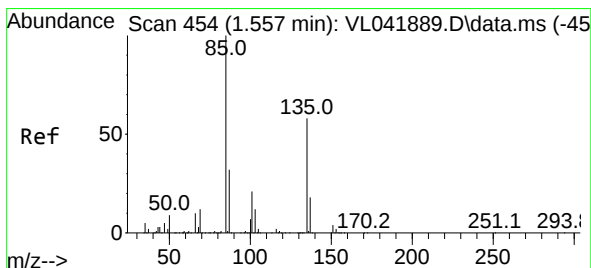
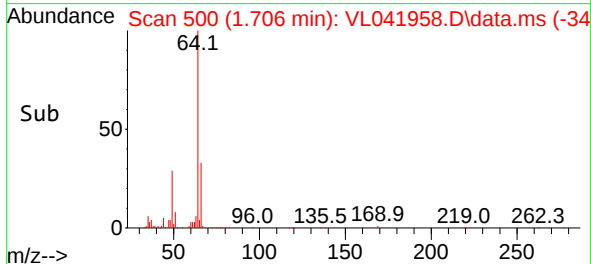
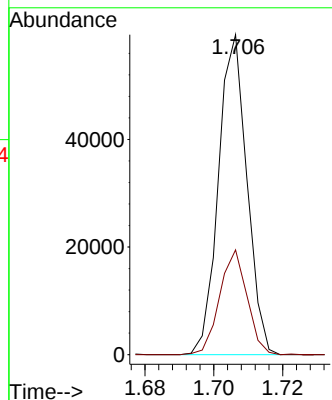
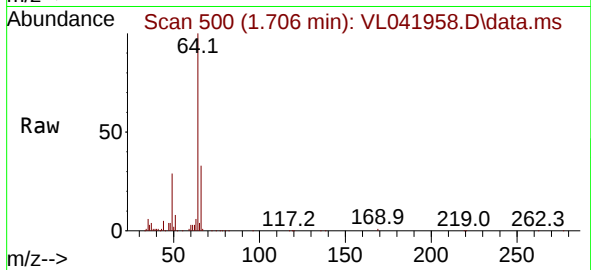
#7
Chloroethane
Concen: 10.747 ppbv
RT: 1.706 min Scan# 501
Delta R.T. -0.003 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 34164
Ion Ratio Lower Upper
64 100
66 32.7 25.7 38.5

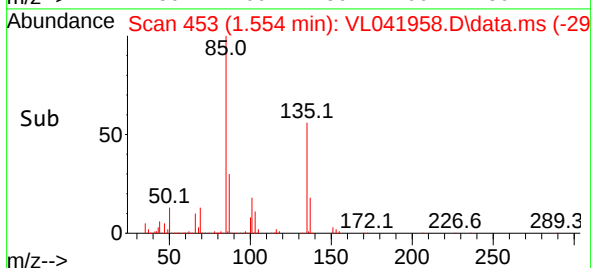
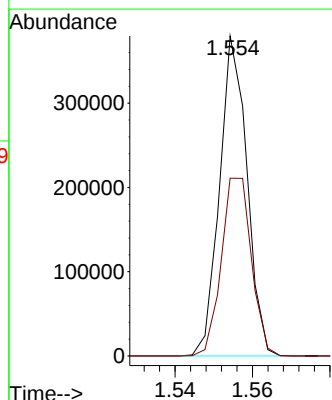
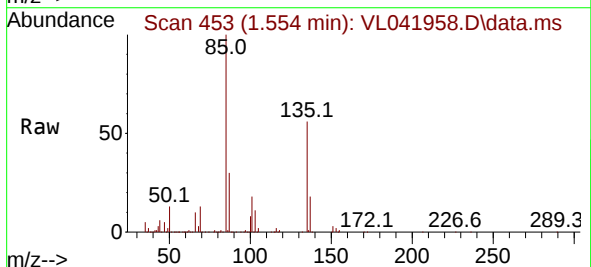
Manual Integrations
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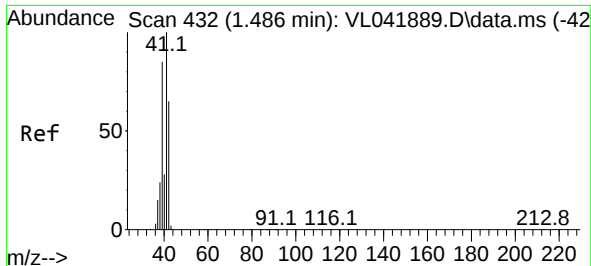
Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#8
Dichlorotetrafluoroethane
Concen: 9.941 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.003 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

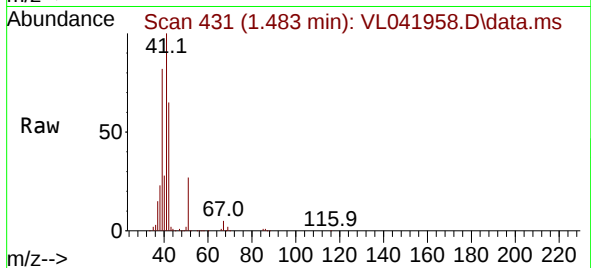
Tgt Ion: 85 Resp: 186350
Ion Ratio Lower Upper
85 100
135 61.4 50.0 75.0





#9
Propene
Concen: 10.361 ppbv
RT: 1.483 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

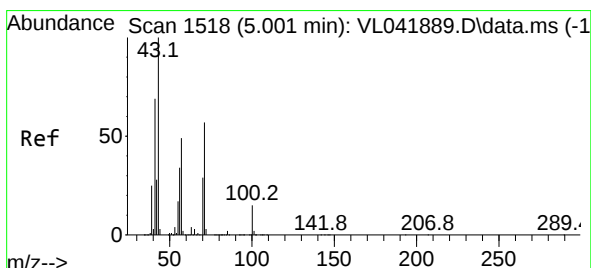
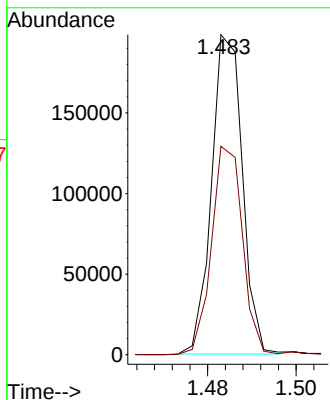
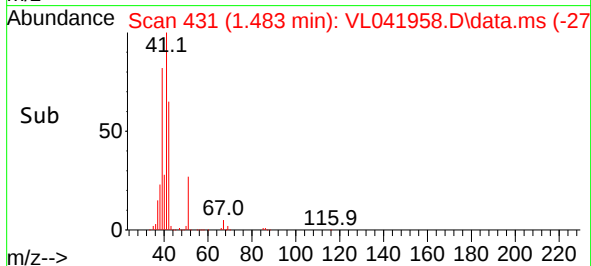
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



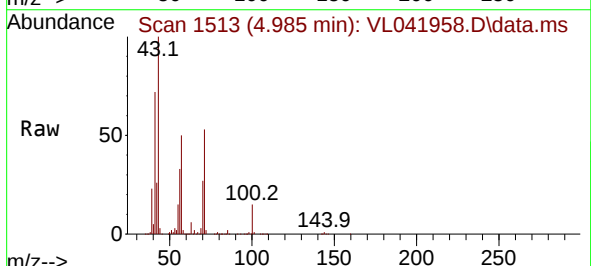
Tgt Ion: 41 Resp: 95902
Ion Ratio Lower Upper
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42 66.7 52.0 78.0

Manual Integrations
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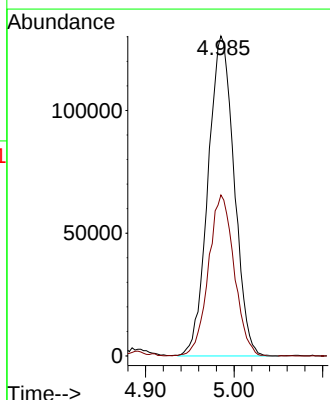
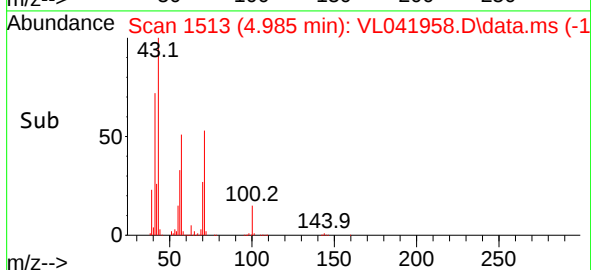
Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

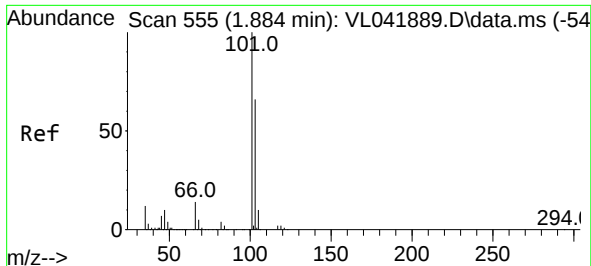


#10
Heptane
Concen: 10.790 ppbv
RT: 4.985 min Scan# 1513
Delta R.T. -0.016 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48



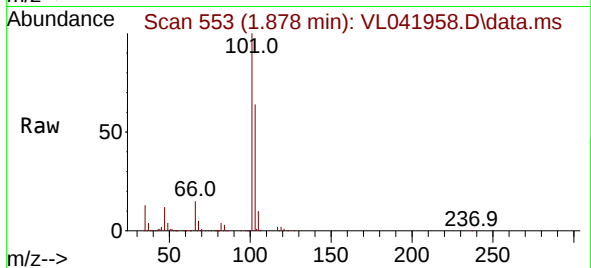
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Ion Ratio Lower Upper
43 100
57 49.2 41.0 61.4





#11
Trichlorofluoromethane
Concen: 9.513 ppbv
RT: 1.878 min Scan# 511
Delta R.T. -0.006 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

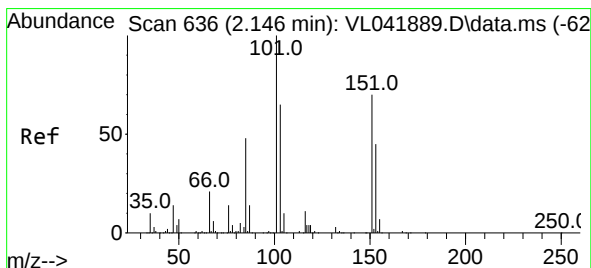
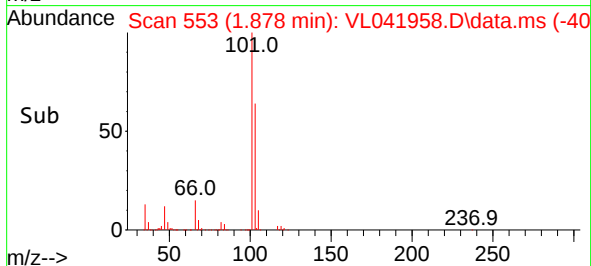
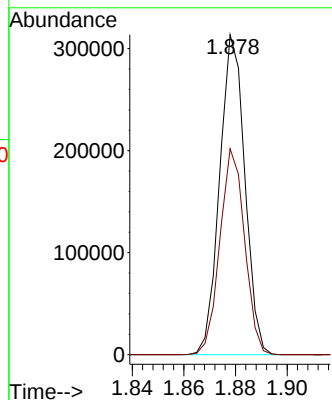
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:101 Resp: 21226
Ion Ratio Lower Upper
101 100
103 64.4 53.1 79.7

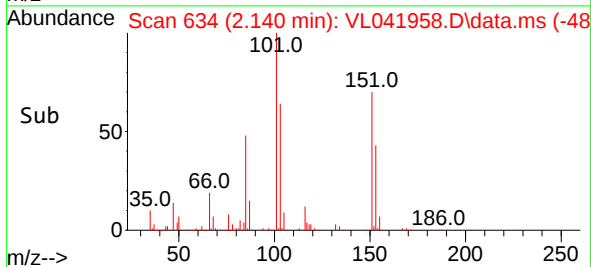
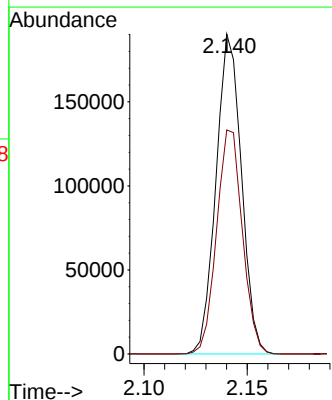
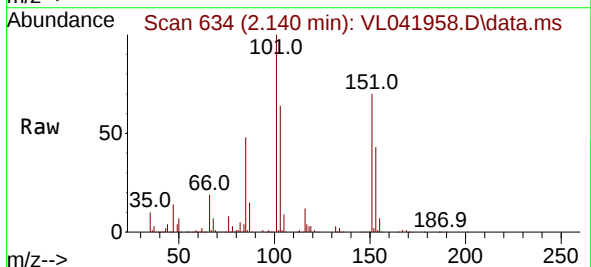
Manual Integrations
APPROVED

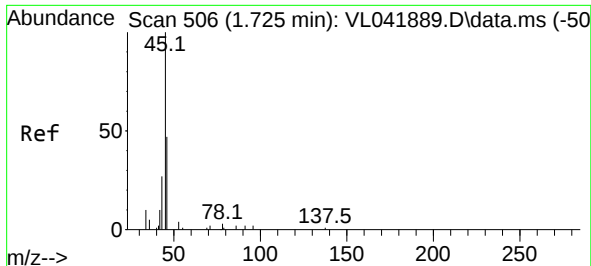
Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.317 ppbv
RT: 2.140 min Scan# 634
Delta R.T. -0.006 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

Tgt Ion:101 Resp: 162930
Ion Ratio Lower Upper
101 100
151 71.0 56.1 84.1





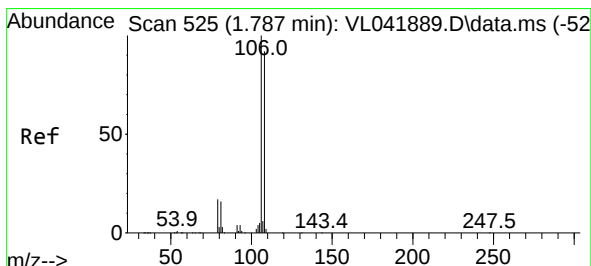
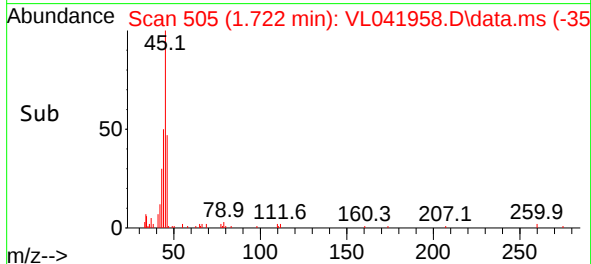
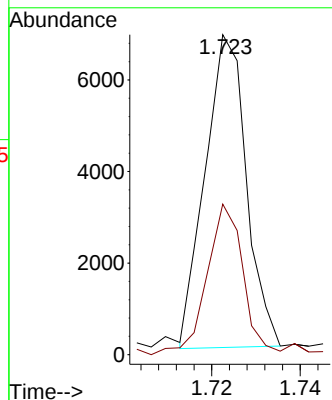
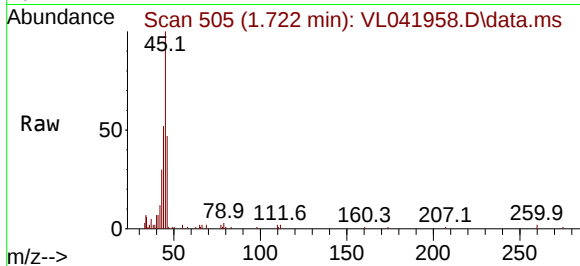
#13
Ethanol
Concen: 6.513 ppbv
RT: 1.722 min Scan# 506
Delta R.T. -0.003 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 4410
Ion Ratio Lower Upper
45 100
46 44.6 18.1 72.5

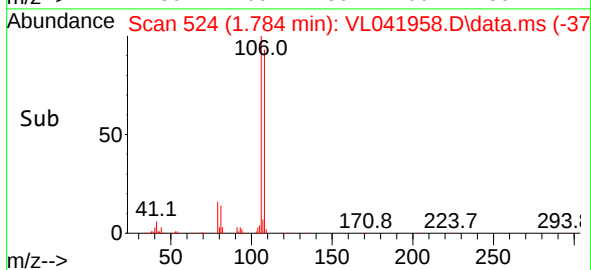
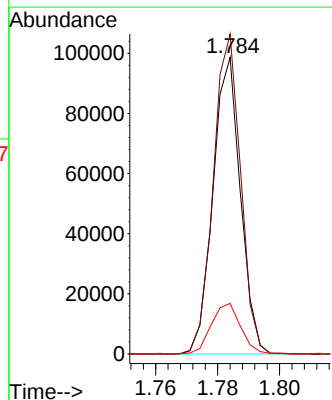
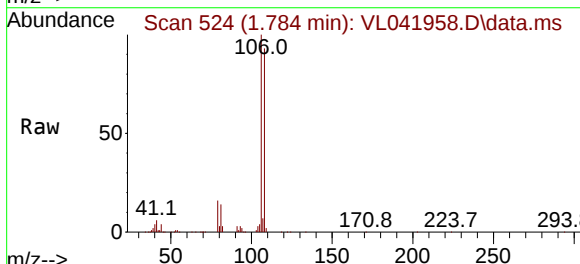
Manual Integrations
APPROVED

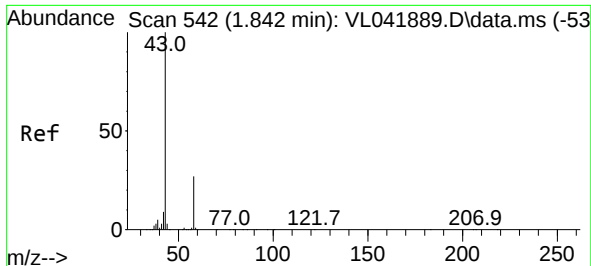
Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#14
Bromoethene
Concen: 9.468 ppbv
RT: 1.784 min Scan# 524
Delta R.T. -0.003 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

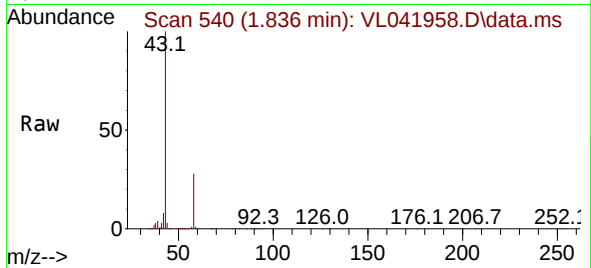
Tgt Ion:108 Resp: 60620
Ion Ratio Lower Upper
108 100
106 107.0 85.5 128.3
79 18.6 15.3 22.9





#15
Acetone
Concen: 9.330 ppbv
RT: 1.836 min Scan# 54
Delta R.T. -0.006 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

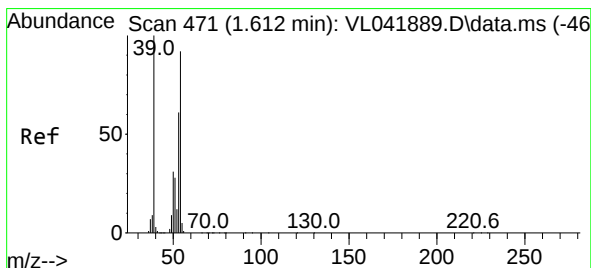
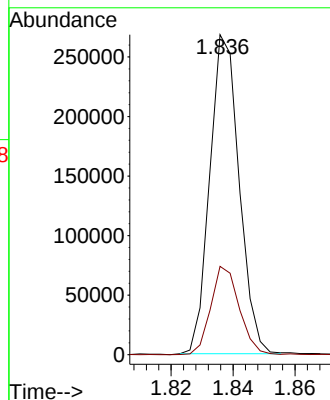
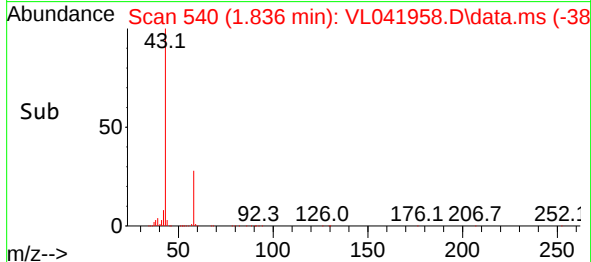
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 176458
Ion Ratio Lower Upper
43 100
58 27.1 21.9 32.9

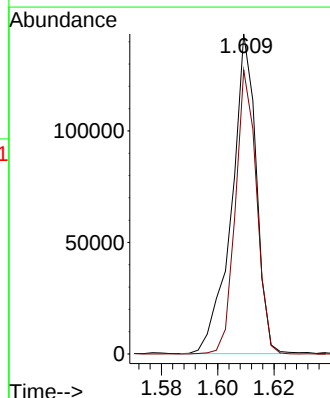
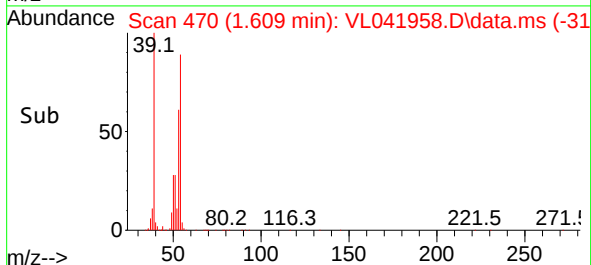
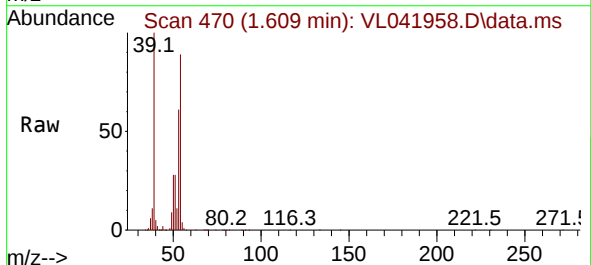
Manual Integrations
APPROVED

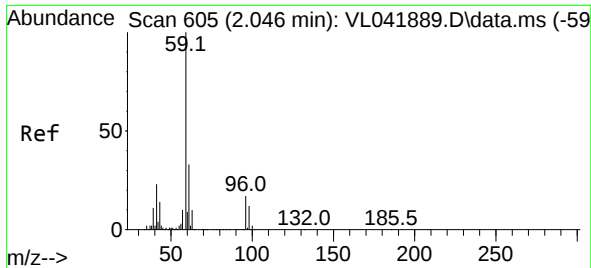
Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#16
1,3-Butadiene
Concen: 10.224 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.003 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

Tgt Ion: 39 Resp: 86792
Ion Ratio Lower Upper
39 100
54 76.3 61.6 92.4





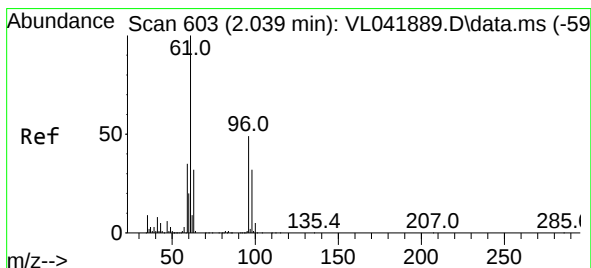
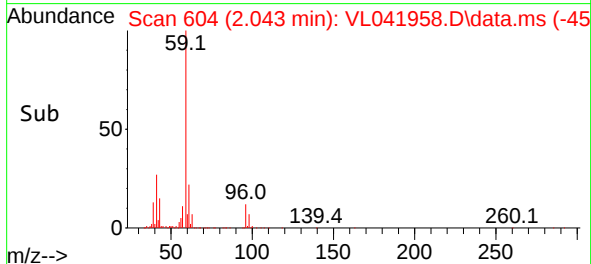
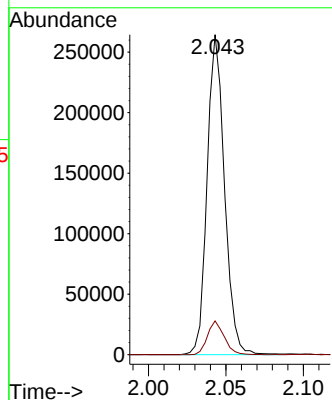
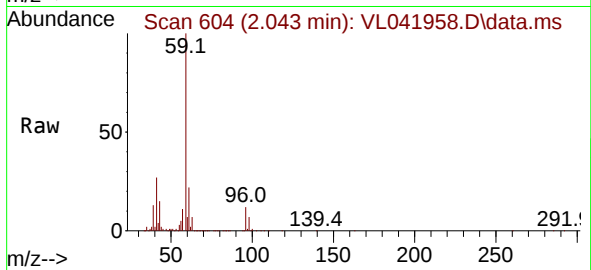
#17
tert-Butyl alcohol
Concen: 8.872 ppbv
RT: 2.043 min Scan# 605
Delta R.T. -0.003 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 20652
Ion Ratio Lower Upper
59 100
57 10.1 7.8 11.8

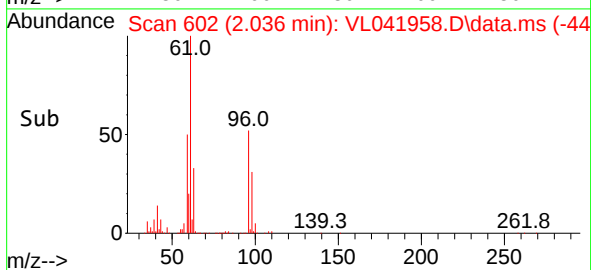
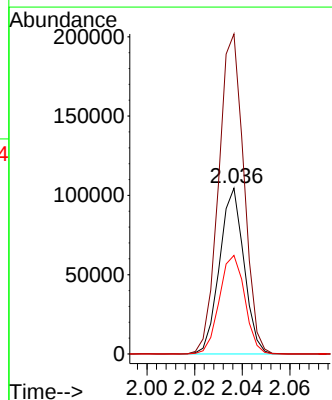
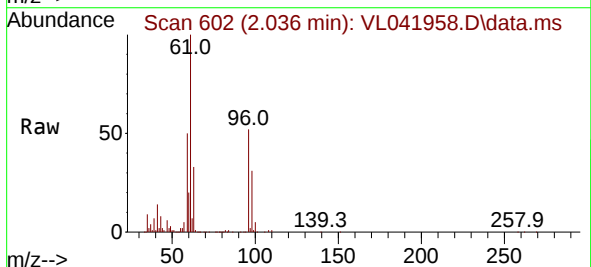
Manual Integrations
APPROVED

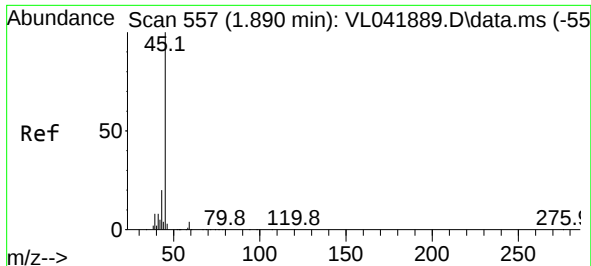
Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#18
1,1-Dichloroethene
Concen: 9.444 ppbv
RT: 2.036 min Scan# 602
Delta R.T. -0.003 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

Tgt Ion: 96 Resp: 74437
Ion Ratio Lower Upper
96 100
61 193.1 163.1 244.7
98 59.5 52.7 79.1





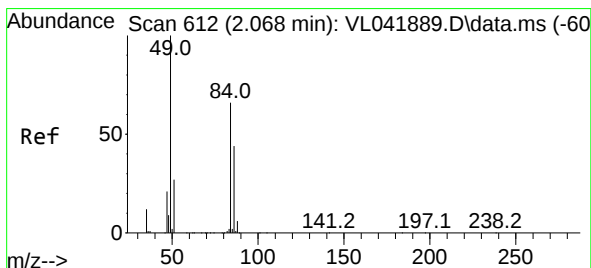
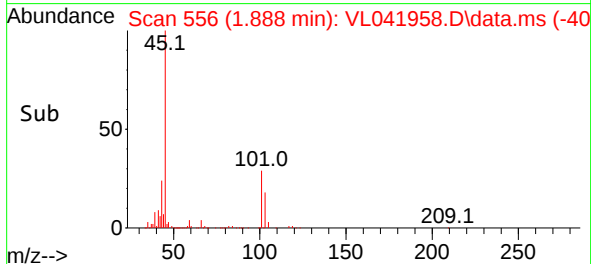
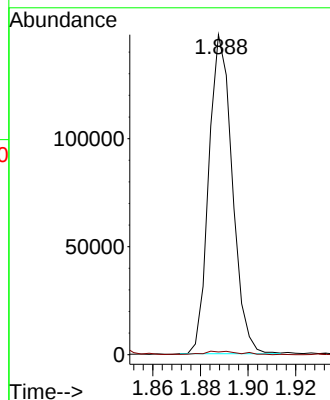
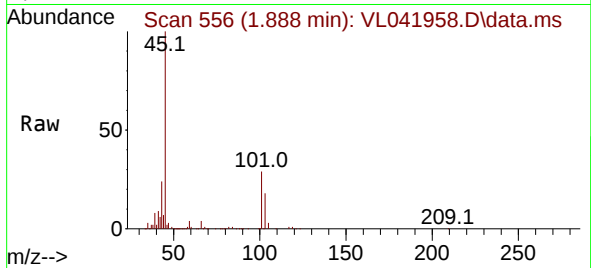
#19
Isopropyl Alcohol
Concen: 9.007 ppbv
RT: 1.888 min Scan# 510
Delta R.T. -0.003 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 101000
Ion Ratio Lower Upper
45 100
58 47.4 35.0 52.6

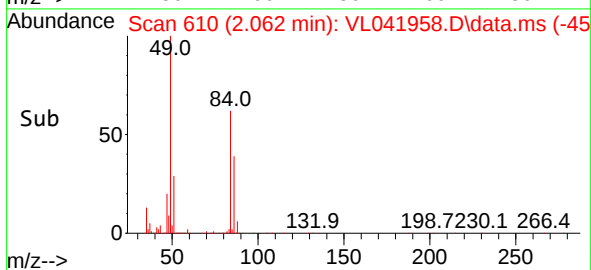
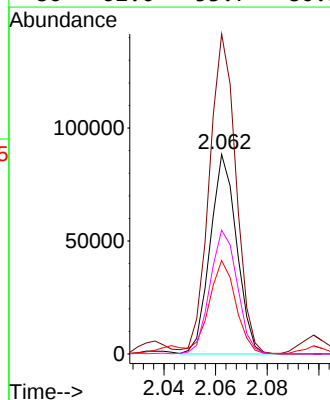
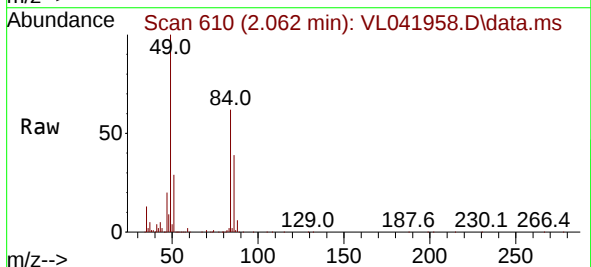
Manual Integrations
APPROVED

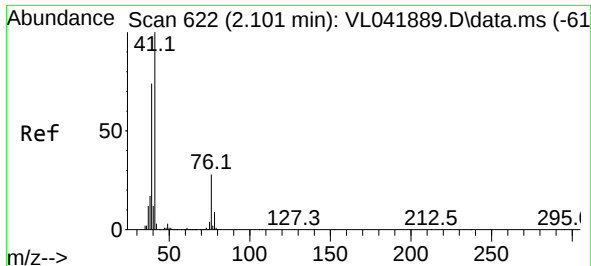
Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#20
Methylene Chloride
Concen: 8.426 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.006 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

Tgt Ion: 84 Resp: 62977
Ion Ratio Lower Upper
84 100
49 159.9 123.1 184.7
51 46.6 35.8 53.8
86 62.0 53.7 80.5





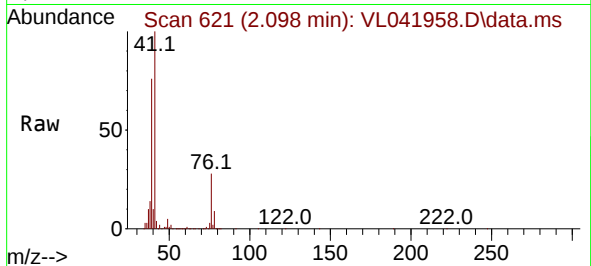
#21
 Allyl Chloride
 Concen: 9.677 ppbv
 RT: 2.098 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL041958.D
 Acq: 03 Feb 2025 10:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

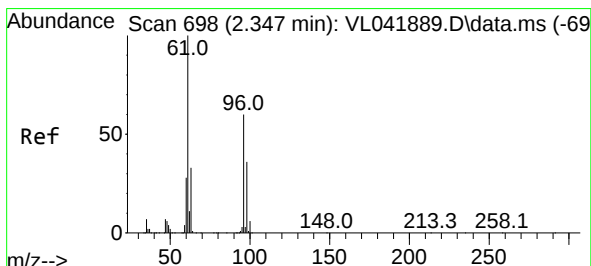
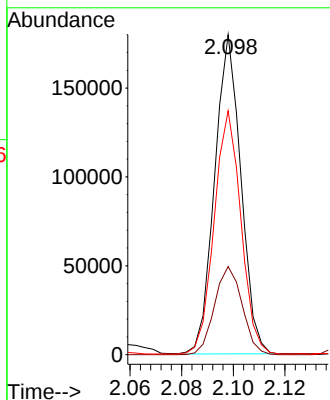
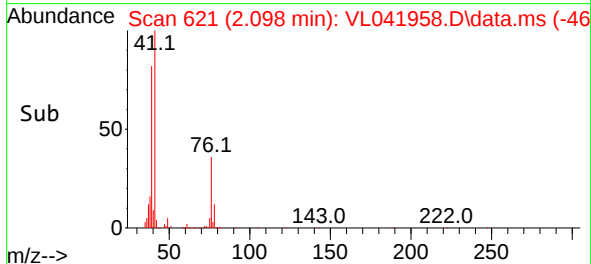


Tgt Ion: 41 Resp: 12674
 Ion Ratio Lower Upper
 41 100
 76 29.1 24.2 36.4
 39 77.8 60.6 91.0

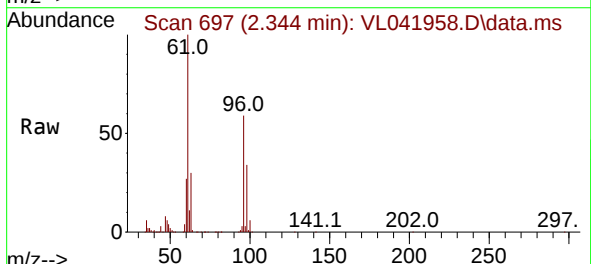
Manual Integrations

APPROVED

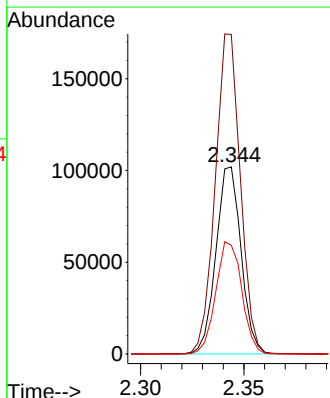
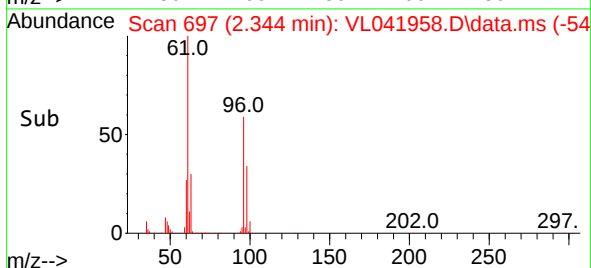
Reviewed By :Semsettin Yesilyurt 02/04/2025
 Supervised By :Mahesh Dadoda 02/04/2025

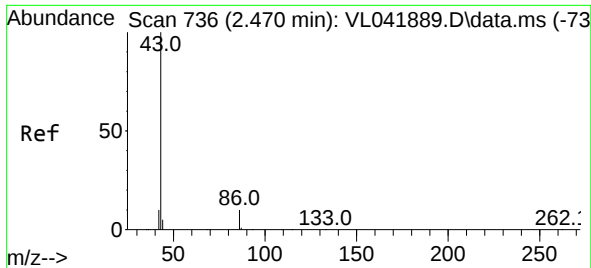


#22
 trans-1,2-Dichloroethene
 Concen: 9.700 ppbv
 RT: 2.344 min Scan# 697
 Delta R.T. -0.003 min
 Lab File: VL041958.D
 Acq: 03 Feb 2025 10:48



Tgt Ion: 96 Resp: 86281
 Ion Ratio Lower Upper
 96 100
 61 170.9 134.5 201.7
 98 58.1 48.9 73.3





#23
 Vinyl Acetate
 Concen: 9.001 ppbv
 RT: 2.467 min Scan# 718
 Delta R.T. -0.003 min
 Lab File: VL041958.D
 Acq: 03 Feb 2025 10:48

Instrument :

MSVOA_L

ClientSampleId :

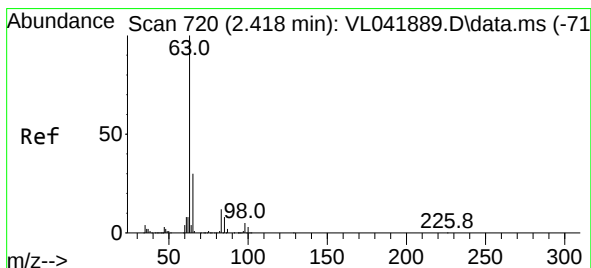
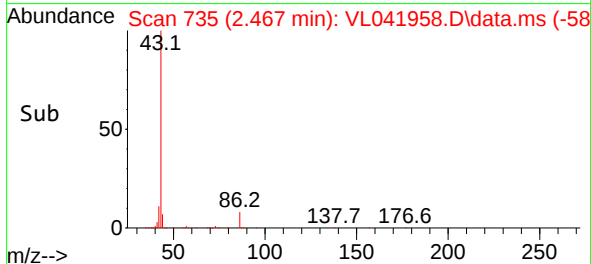
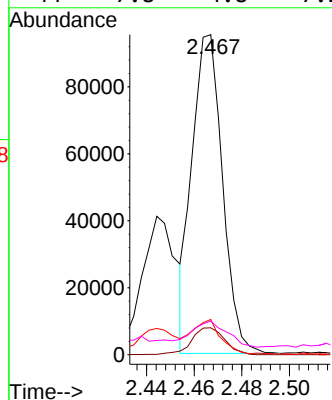
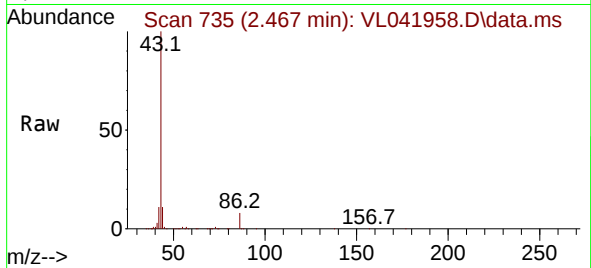
VSTDCCC010

Tgt Ion: 43 Resp: 84390
 Ion Ratio Lower Upper
 43 100
 86 8.5 6.2 9.4
 42 10.4 8.5 12.7
 44 7.8 4.8 7.2#

Manual Integrations

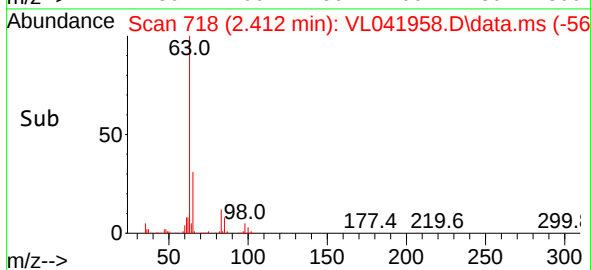
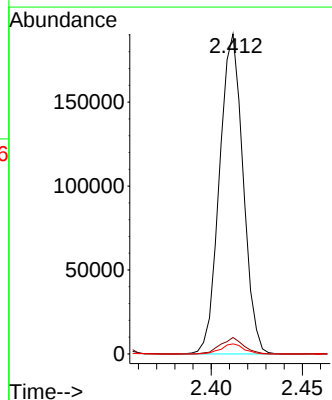
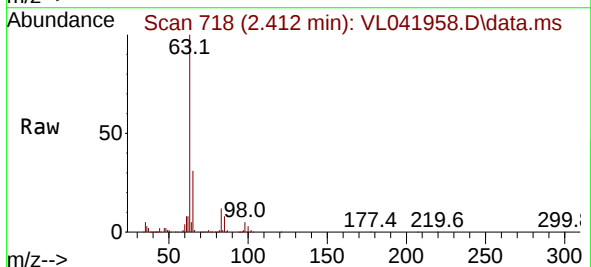
APPROVED

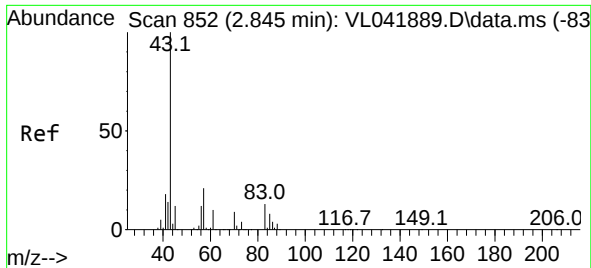
Reviewed By :Semsettin Yesilyurt 02/04/2025
 Supervised By :Mahesh Dadoda 02/04/2025



#24
 1,1-Dichloroethane
 Concen: 9.969 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. -0.006 min
 Lab File: VL041958.D
 Acq: 03 Feb 2025 10:48

Tgt Ion: 63 Resp: 171515
 Ion Ratio Lower Upper
 63 100
 98 5.2 2.6 7.8
 100 3.1 1.4 4.2





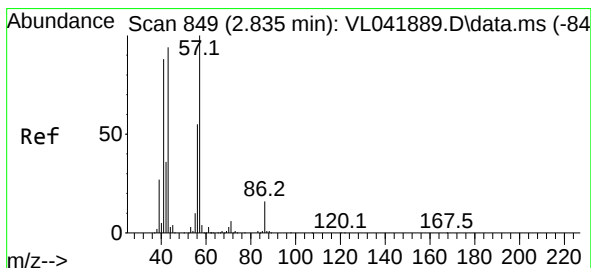
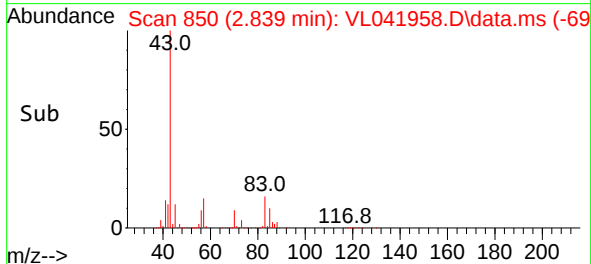
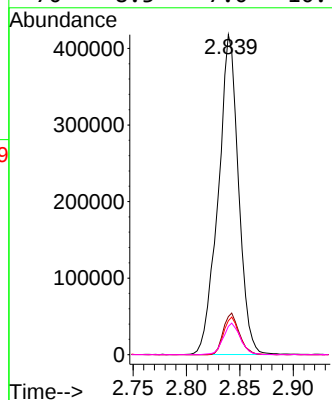
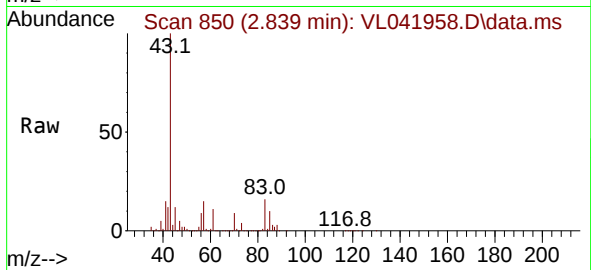
#25
Ethyl Acetate
Concen: 10.829 ppbv
RT: 2.839 min Scan# 847
Delta R.T. -0.006 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 55227
Ion Ratio Lower Upper
43 100
45 10.3 8.2 12.2
61 9.3 7.4 11.0
70 8.3 7.0 10.4

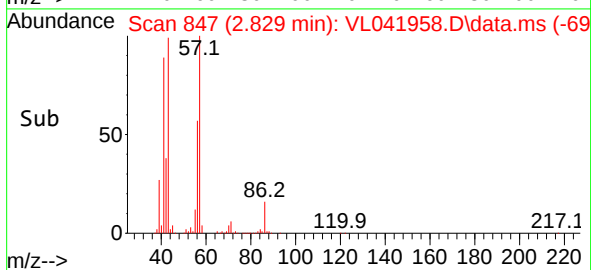
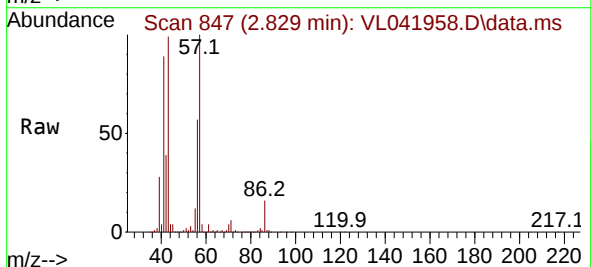
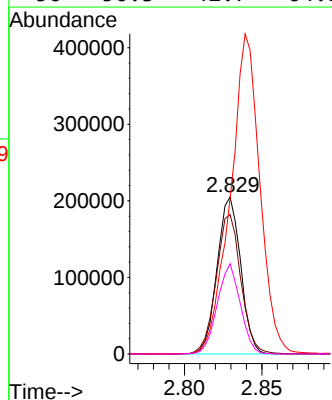
Manual Integrations
APPROVED

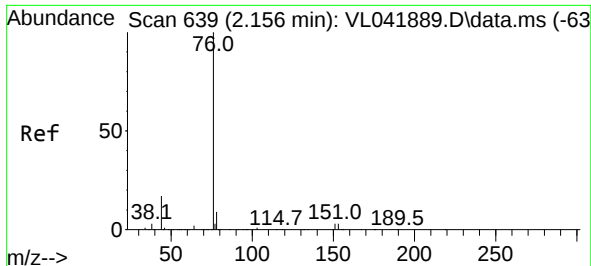
Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#26
Hexane
Concen: 10.713 ppbv
RT: 2.829 min Scan# 847
Delta R.T. -0.006 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

Tgt Ion: 57 Resp: 216097
Ion Ratio Lower Upper
57 100
41 93.5 73.8 110.8
43 257.6 197.3 295.9
56 56.3 42.7 64.1





#27

Carbon Disulfide

Concen: 10.041 ppbv

RT: 2.153 min Scan# 61

Delta R.T. -0.003 min

Lab File: VL041958.D

Acq: 03 Feb 2025 10:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 76 Resp: 20043

Ion Ratio Lower Upper

76 100

44 18.6 15.4 23.0

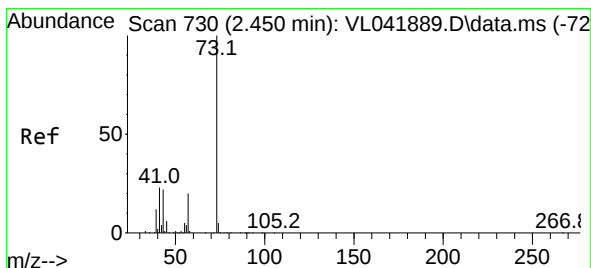
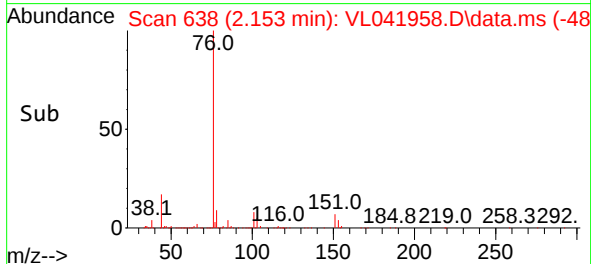
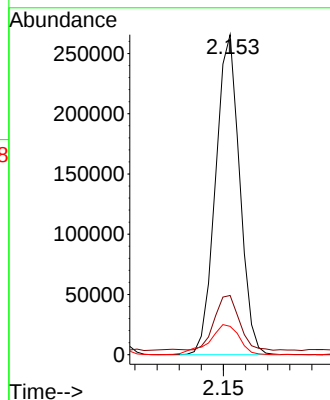
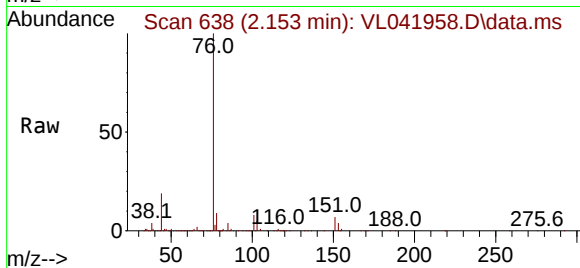
78 11.7 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#28

Methyl tert-Butyl Ether

Concen: 9.719 ppbv

RT: 2.444 min Scan# 728

Delta R.T. -0.006 min

Lab File: VL041958.D

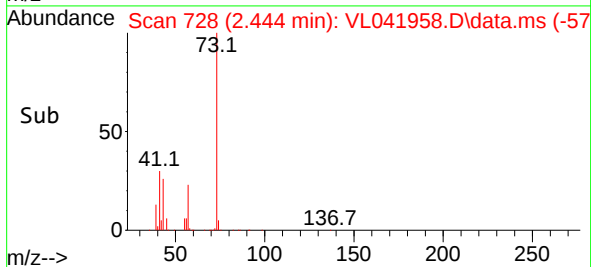
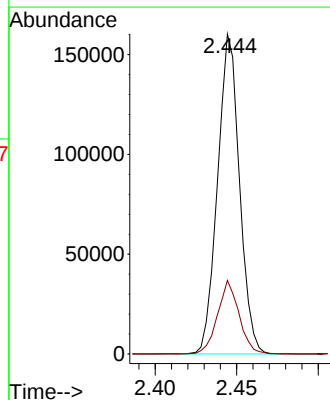
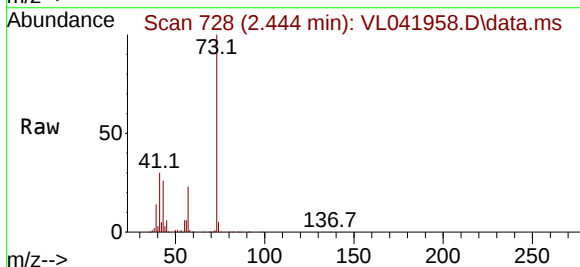
Acq: 03 Feb 2025 10:48

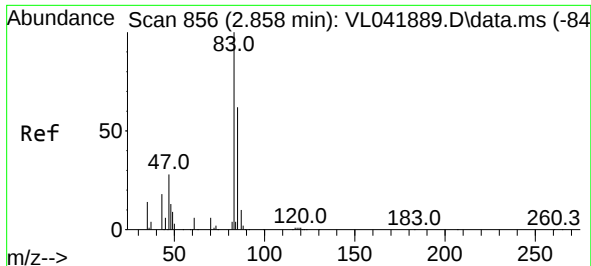
Tgt Ion: 73 Resp: 149839

Ion Ratio Lower Upper

73 100

57 22.7 18.1 27.1





#29

Chloroform

Concen: 10.471 ppbv

RT: 2.852 min Scan# 81

Delta R.T. -0.006 min

Lab File: VL041958.D

Acq: 03 Feb 2025 10:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 333879

Ion Ratio Lower Upper

83 100

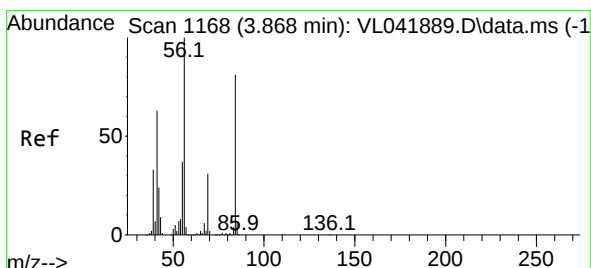
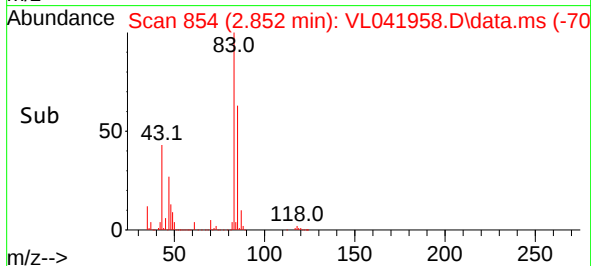
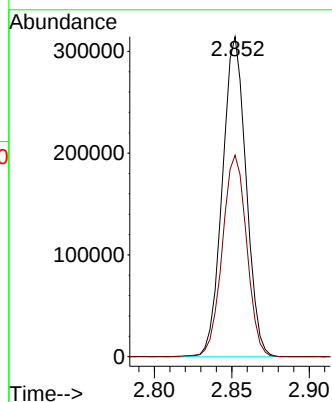
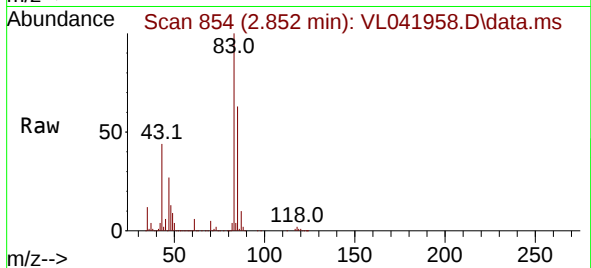
85 63.0 50.1 75.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#30

Cyclohexane

Concen: 10.470 ppbv

RT: 3.862 min Scan# 1166

Delta R.T. -0.006 min

Lab File: VL041958.D

Acq: 03 Feb 2025 10:48

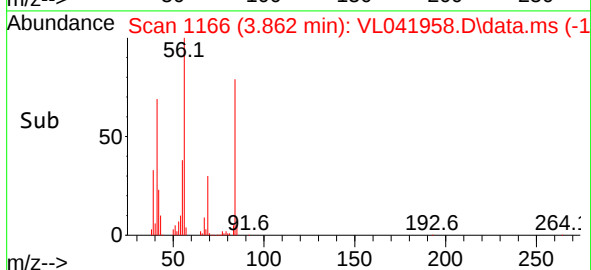
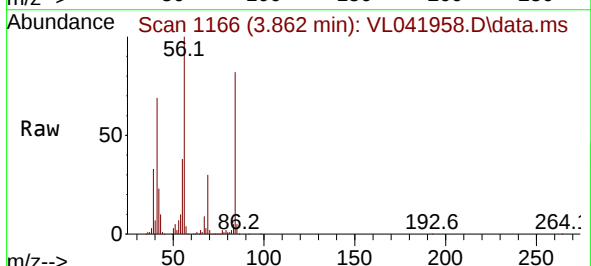
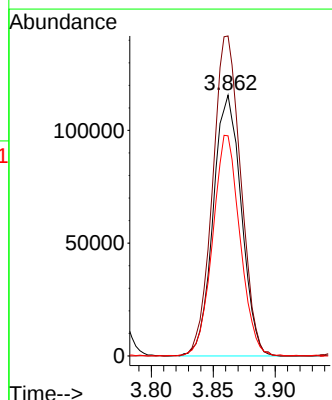
Tgt Ion: 84 Resp: 183180

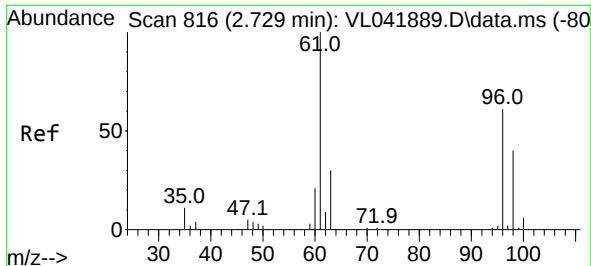
Ion Ratio Lower Upper

84 100

56 122.7 99.3 148.9

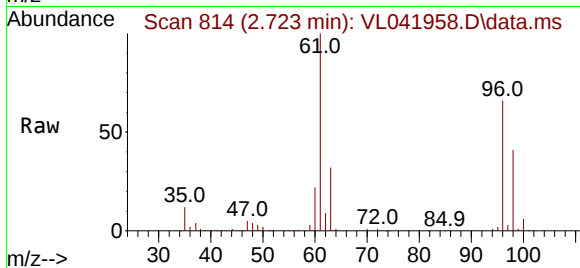
41 82.4 64.3 96.5





#31
 cis-1,2-Dichloroethene
 Concen: 9.825 ppbv
 RT: 2.723 min Scan# 816
 Delta R.T. -0.006 min
 Lab File: VL041958.D
 Acq: 03 Feb 2025 10:48

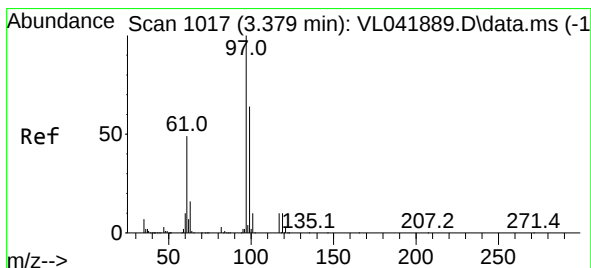
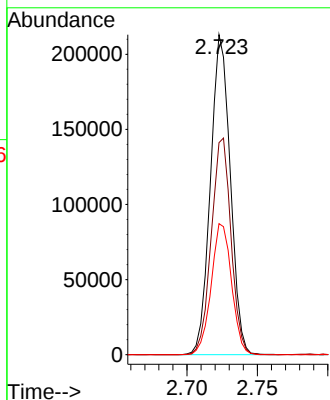
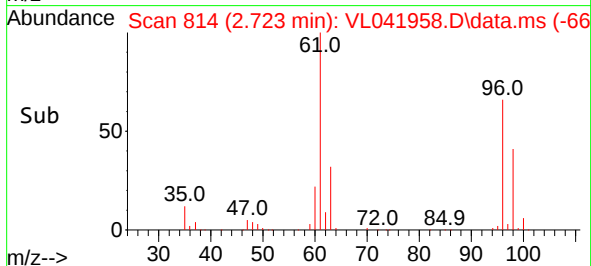
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



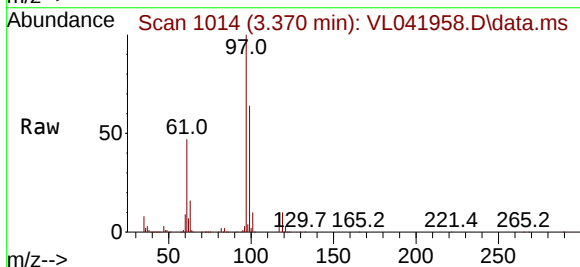
Tgt Ion: 61 Resp: 208680
 Ion Ratio Lower Upper
 61 100
 96 66.2 48.7 73.1
 98 40.9 31.6 47.4

Manual Integrations
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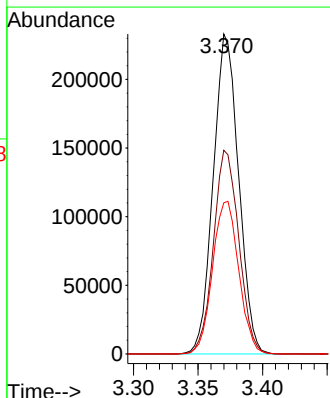
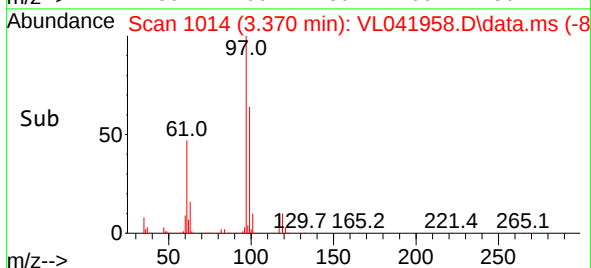
Reviewed By :Semsettin Yesilyurt 02/04/2025
 Supervised By :Mahesh Dadoda 02/04/2025

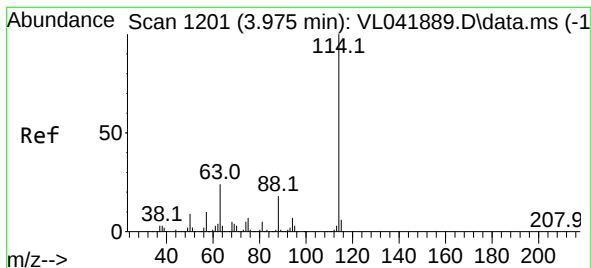


#32
 1,1,1-Trichloroethane
 Concen: 10.444 ppbv
 RT: 3.370 min Scan# 1014
 Delta R.T. -0.009 min
 Lab File: VL041958.D
 Acq: 03 Feb 2025 10:48



Tgt Ion: 97 Resp: 318650
 Ion Ratio Lower Upper
 97 100
 99 63.6 51.1 76.7
 61 49.3 39.0 58.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. -0.013 min

Lab File: VL041958.D

Acq: 03 Feb 2025 10:48

Instrument :

MSVOA_L

ClientSampleId :

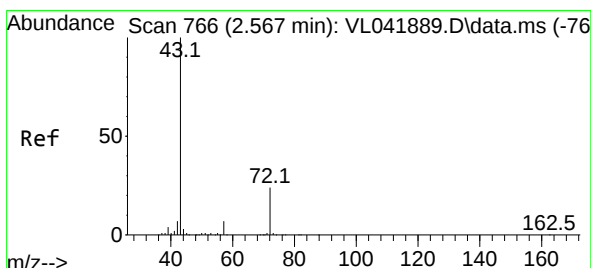
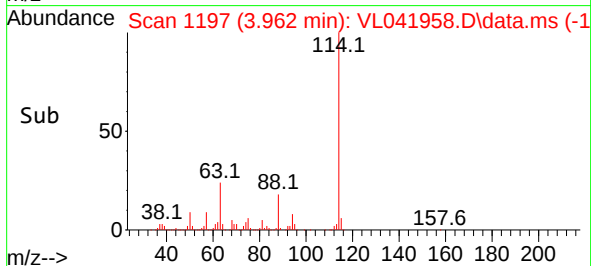
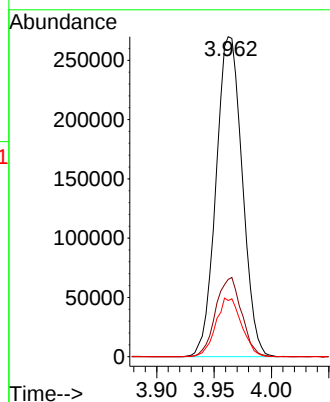
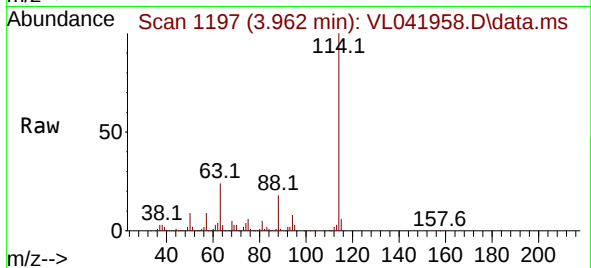
VSTDCCC010

Tgt Ion:	114	Resp:	42948
Ion Ratio	Lower	Upper	
114	100		
63	24.5	19.8	29.6
88	17.9	14.4	21.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#34

2-Butanone

Concen: 11.458 ppbv

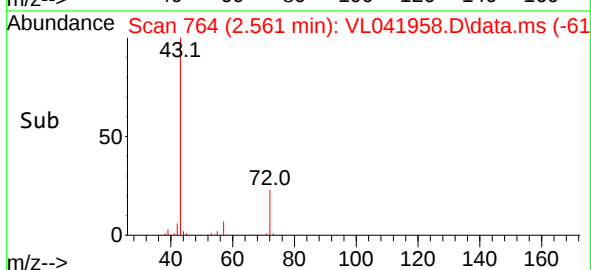
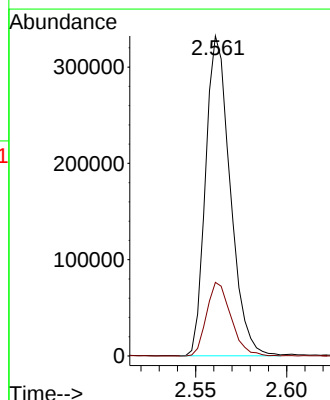
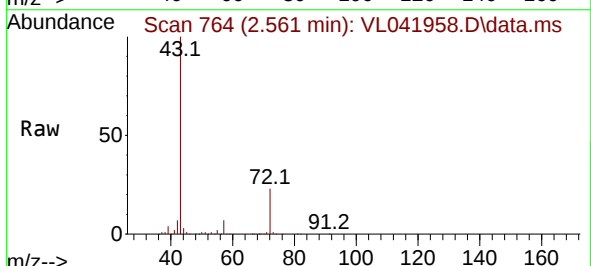
RT: 2.561 min Scan# 764

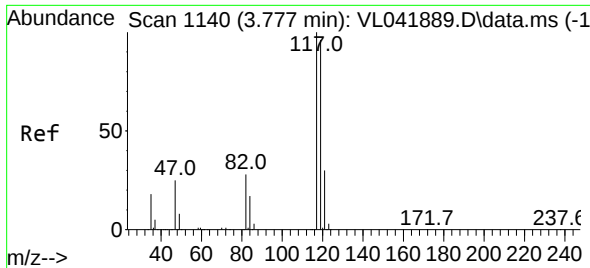
Delta R.T. -0.006 min

Lab File: VL041958.D

Acq: 03 Feb 2025 10:48

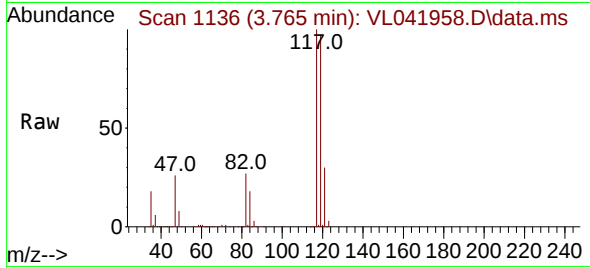
Tgt Ion:	43	Resp:	312946
Ion Ratio	Lower	Upper	
43	100		
72	22.9	18.6	28.0





#35
Carbon Tetrachloride
Concen: 11.888 ppbv
RT: 3.765 min Scan# 1136
Delta R.T. -0.013 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

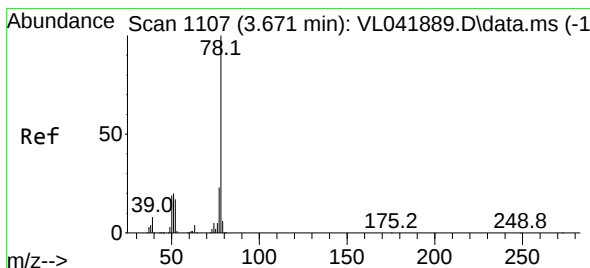
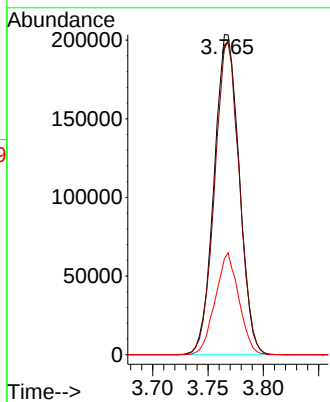
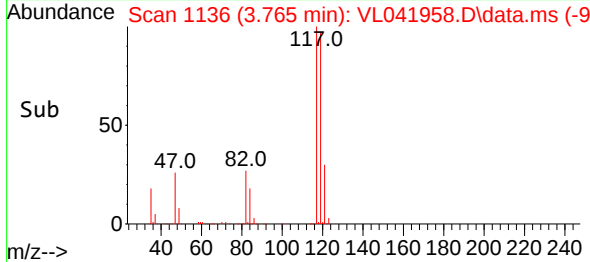
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



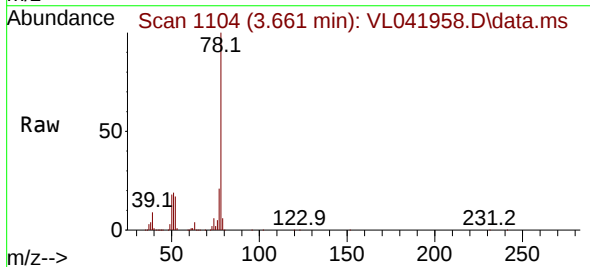
Tgt Ion: 117 Resp: 32070
Ion Ratio Lower Upper
117 100
119 96.8 76.9 115.3
121 30.0 23.8 35.6

Manual Integrations
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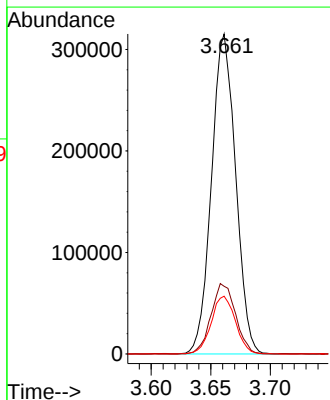
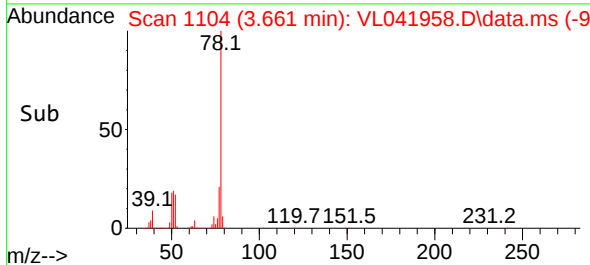
Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

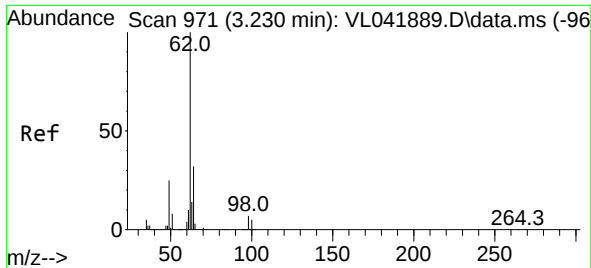


#36
Benzene
Concen: 11.280 ppbv
RT: 3.661 min Scan# 1104
Delta R.T. -0.009 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48



Tgt Ion: 78 Resp: 444350
Ion Ratio Lower Upper
78 100
77 21.2 18.1 27.1
50 18.1 15.2 22.8





#37

1,2-Dichloroethane

Concen: 10.905 ppbv

RT: 3.221 min Scan# 9

Delta R.T. -0.009 min

Lab File: VL041958.D

Acq: 03 Feb 2025 10:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 62 Resp: 24126

Ion Ratio Lower Upper

62 100

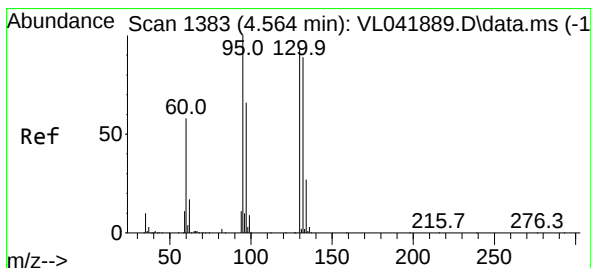
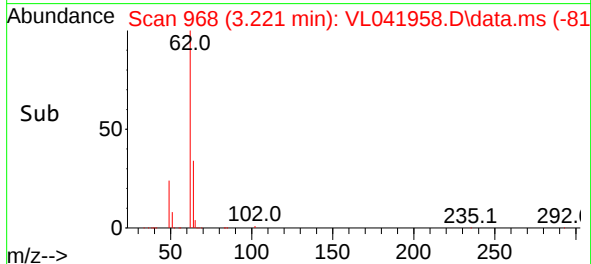
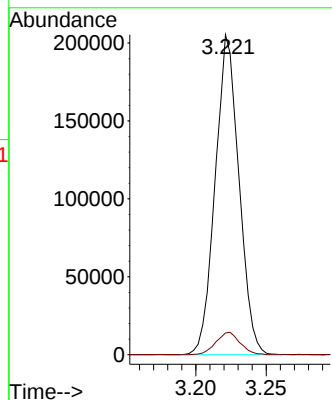
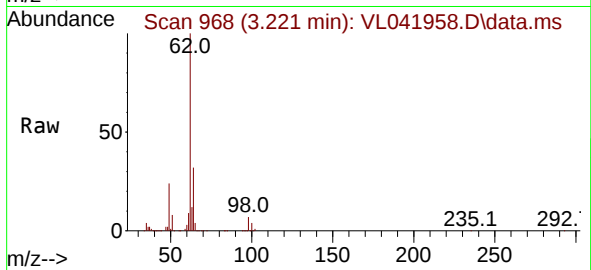
98 7.1 5.4 8.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#38

Trichloroethene

Concen: 11.218 ppbv

RT: 4.551 min Scan# 1379

Delta R.T. -0.013 min

Lab File: VL041958.D

Acq: 03 Feb 2025 10:48

Tgt Ion:130 Resp: 175365

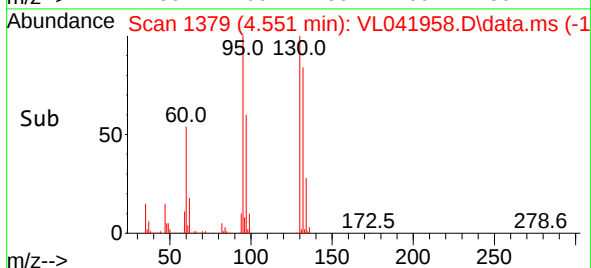
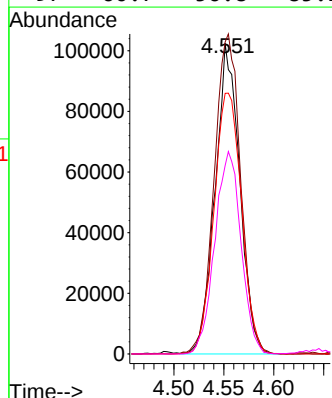
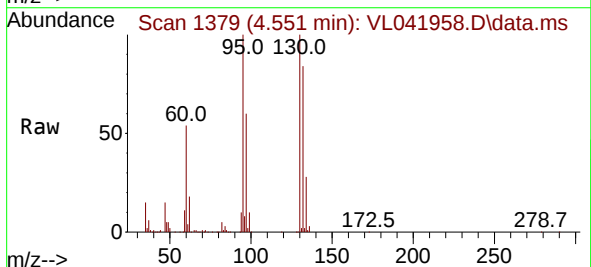
Ion Ratio Lower Upper

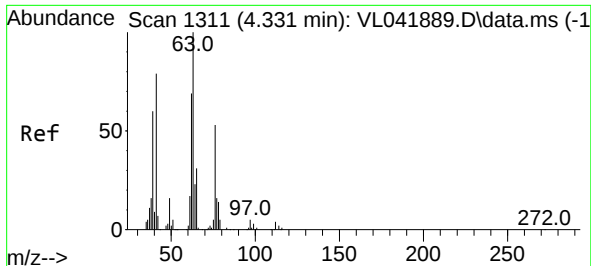
130 100

95 100.4 85.8 128.8

132 83.9 76.5 114.7

97 60.7 56.8 85.2





#39

1,2-Dichloropropane

Concen: 11.255 ppbv

RT: 4.322 min Scan# 11

Delta R.T. -0.009 min

Lab File: VL041958.D

Acq: 03 Feb 2025 10:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 155514

Ion Ratio Lower Upper

63 100

41 78.7 63.7 95.5

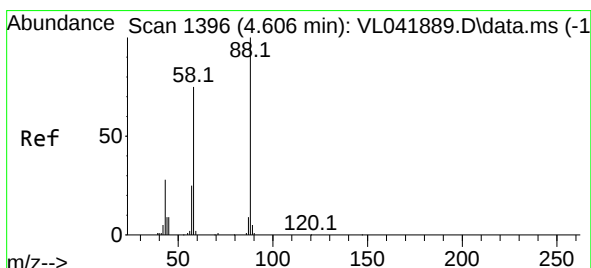
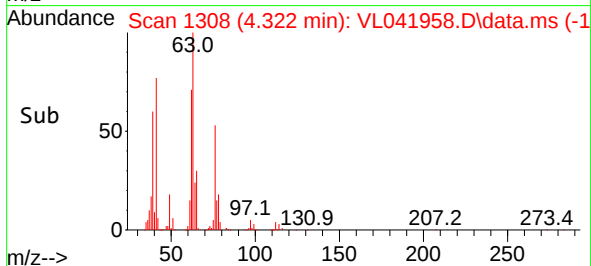
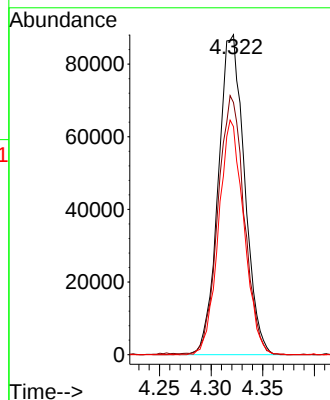
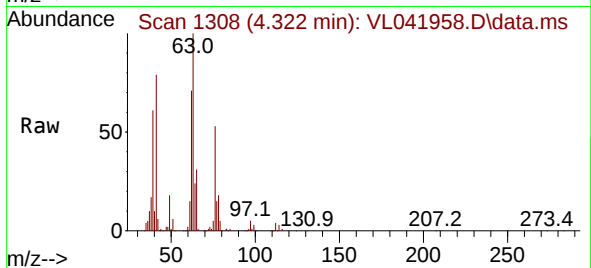
62 71.2 55.4 83.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#40

1,4-Dioxane

Concen: 10.701 ppbv

RT: 4.590 min Scan# 1391

Delta R.T. -0.016 min

Lab File: VL041958.D

Acq: 03 Feb 2025 10:48

Tgt Ion: 88 Resp: 74675

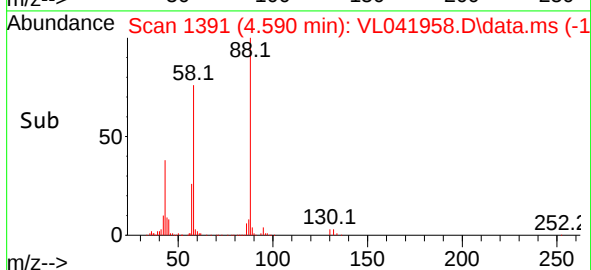
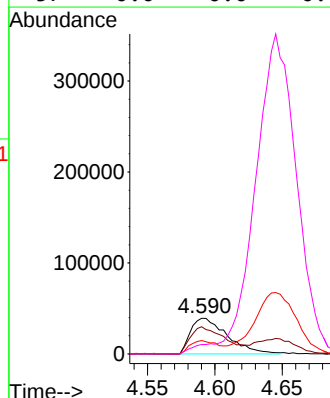
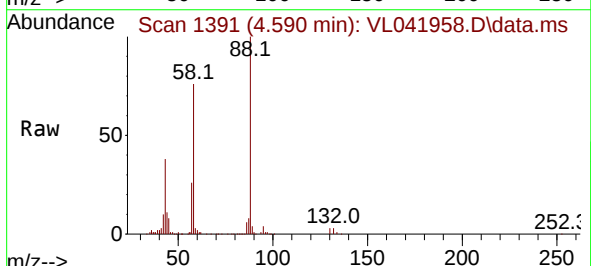
Ion Ratio Lower Upper

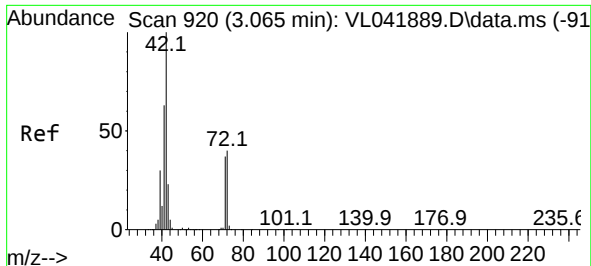
88 100

58 74.7 62.1 93.1

43 0.0 0.0 0.0

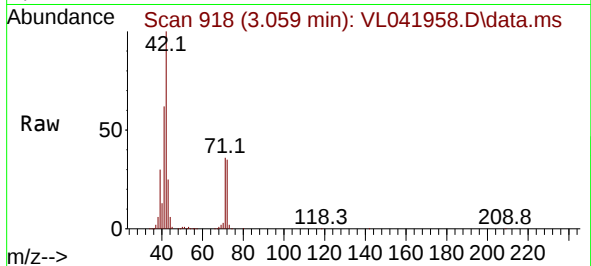
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 11.736 ppbv
RT: 3.059 min Scan# 918
Delta R.T. -0.006 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

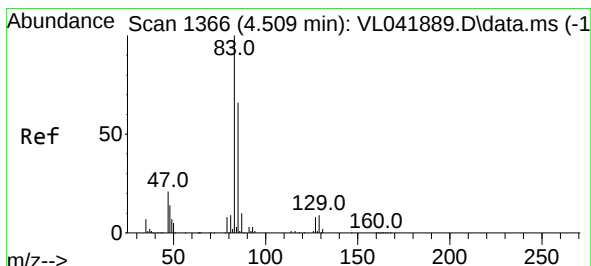
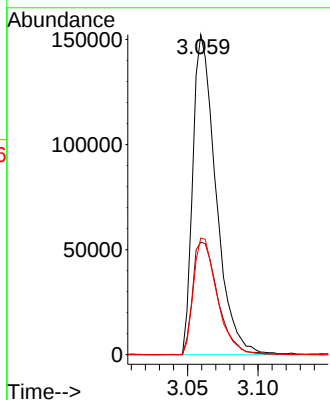
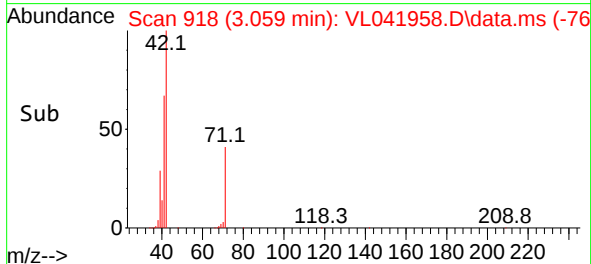
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 174208
Ion Ratio Lower Upper
42 100
72 38.3 32.3 48.5
71 37.2 29.9 44.9

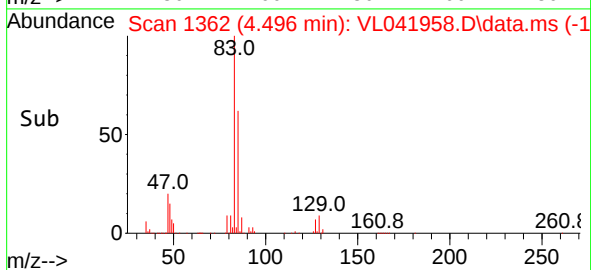
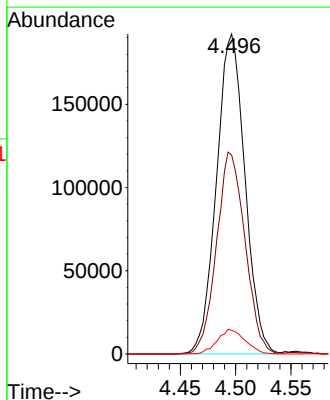
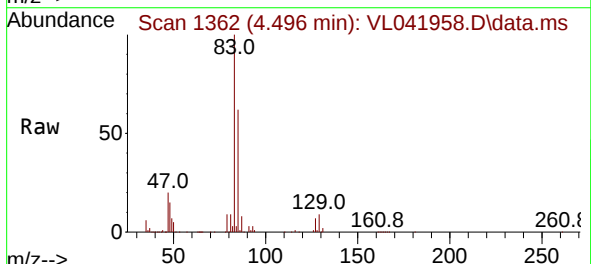
Manual Integrations
APPROVED

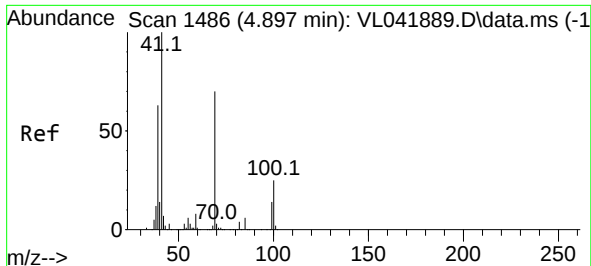
Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#42
Bromodichloromethane
Concen: 11.620 ppbv
RT: 4.496 min Scan# 1362
Delta R.T. -0.013 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

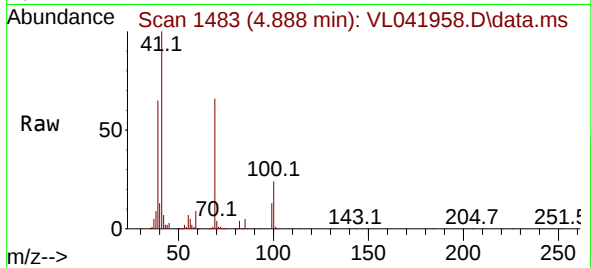
Tgt Ion: 83 Resp: 344670
Ion Ratio Lower Upper
83 100
85 62.2 52.6 78.8
127 7.4 6.4 9.6





#43
Methyl Methacrylate
Concen: 10.675 ppbv
RT: 4.888 min Scan# 1483
Delta R.T. -0.009 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

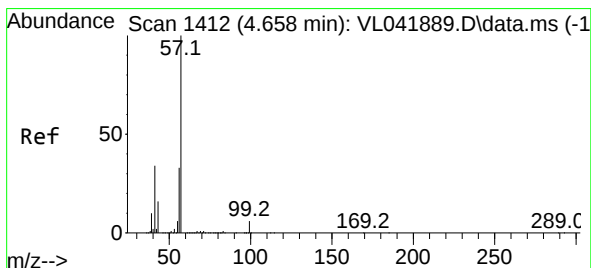
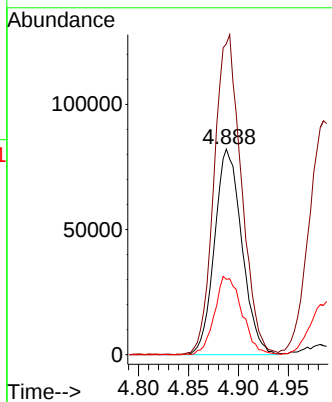
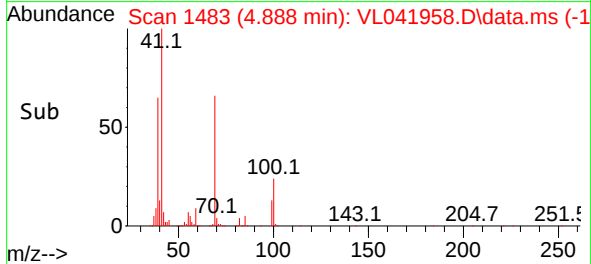
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



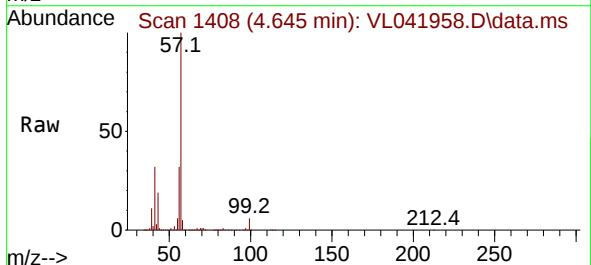
Tgt Ion: 69 Resp: 156210
Ion Ratio Lower Upper
69 100
41 154.9 118.6 177.8
100 38.1 29.3 43.9

Manual Integrations
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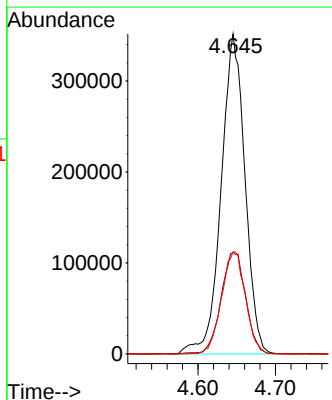
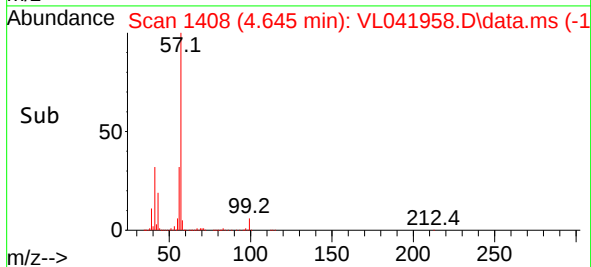
Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

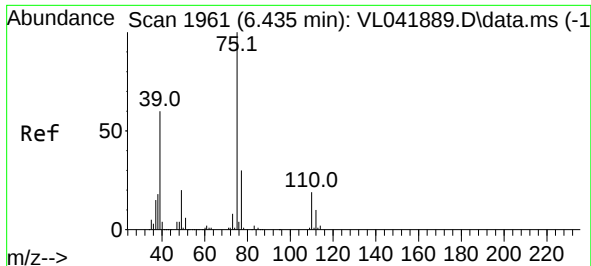


#44
2,2,4-Trimethylpentane
Concen: 11.790 ppbv
RT: 4.645 min Scan# 1408
Delta R.T. -0.013 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48



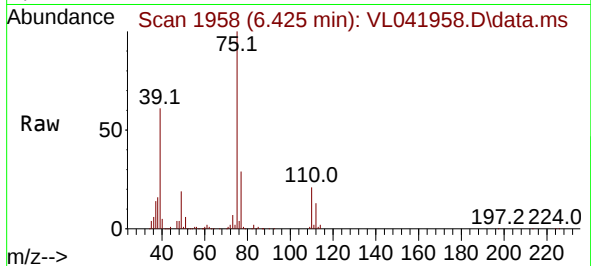
Tgt Ion: 57 Resp: 751181
Ion Ratio Lower Upper
57 100
41 32.9 26.6 40.0
56 32.2 25.4 38.2





#45
 t-1,3-Dichloropropene
 Concen: 10.811 ppbv
 RT: 6.425 min Scan# 1961
 Delta R.T. -0.009 min
 Lab File: VL041958.D
 Acq: 03 Feb 2025 10:48

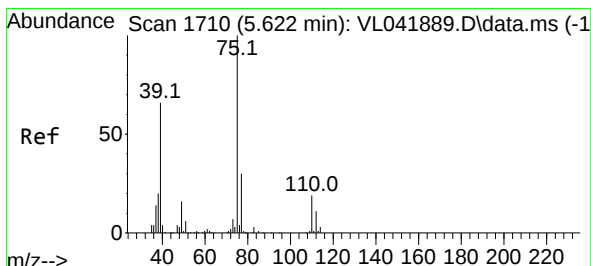
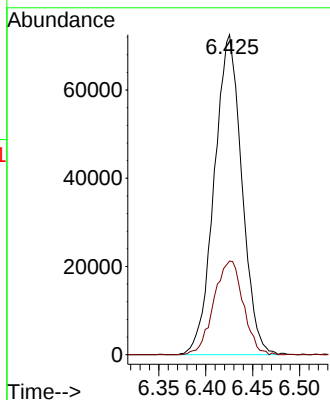
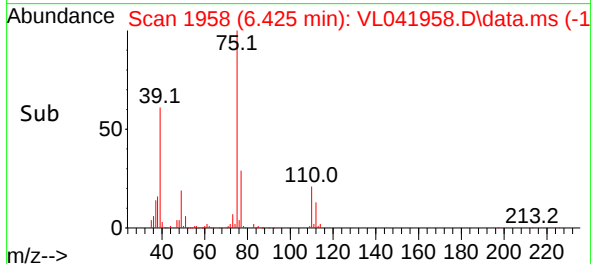
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 75 Resp: 148089
 Ion Ratio Lower Upper
 75 100
 77 29.2 24.3 36.5

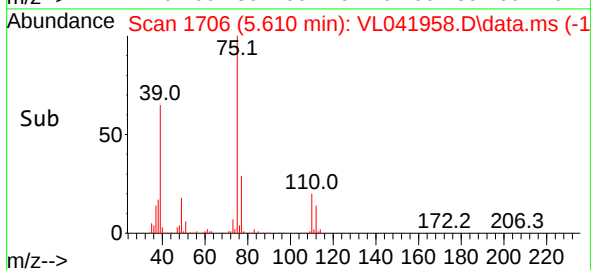
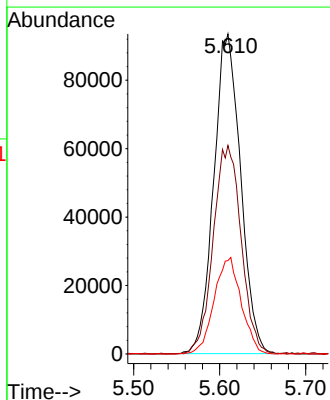
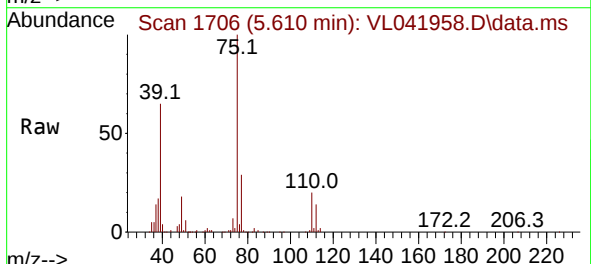
Manual Integrations
 APPROVED

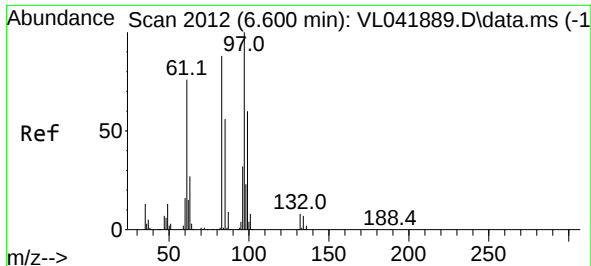
Reviewed By :Semsettin Yesilyurt 02/04/2025
 Supervised By :Mahesh Dadoda 02/04/2025



#46
 cis-1,3-Dichloropropene
 Concen: 11.274 ppbv
 RT: 5.610 min Scan# 1706
 Delta R.T. -0.013 min
 Lab File: VL041958.D
 Acq: 03 Feb 2025 10:48

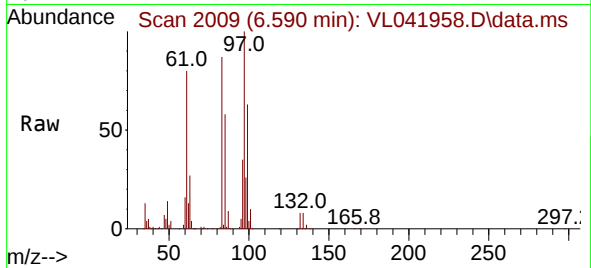
Tgt Ion: 75 Resp: 202762
 Ion Ratio Lower Upper
 75 100
 39 65.1 53.1 79.7
 77 29.2 23.8 35.8





#47
1,1,2-Trichloroethane
Concen: 11.410 ppbv
RT: 6.590 min Scan# 2012
Delta R.T. -0.009 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

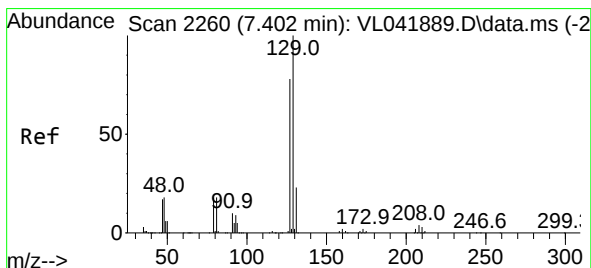
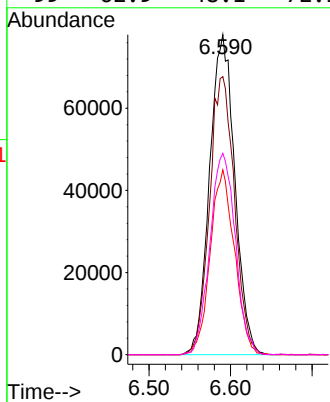
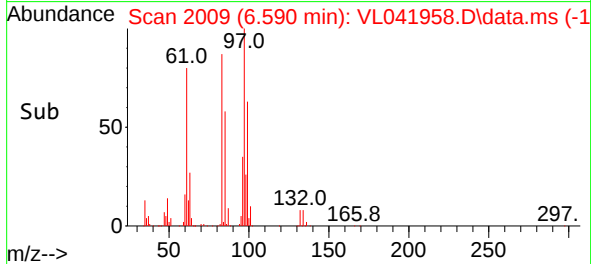
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 97 Resp: 167097
Ion Ratio Lower Upper
97 100
83 86.9 70.4 105.6
85 57.8 45.0 67.4
99 62.9 48.1 72.1

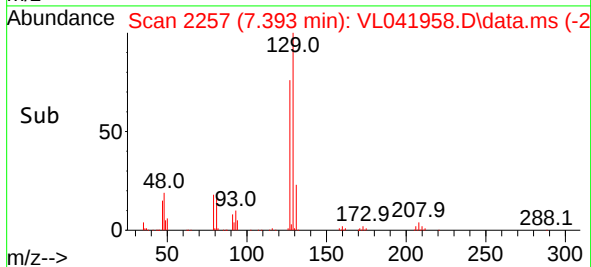
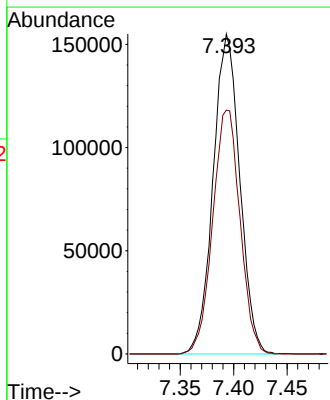
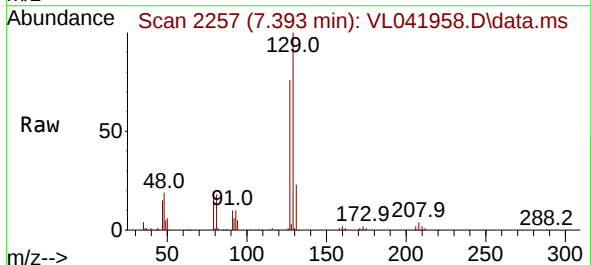
Manual Integrations
APPROVED

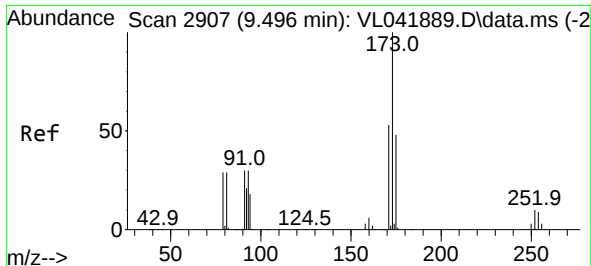
Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#48
Dibromochloromethane
Concen: 11.924 ppbv
RT: 7.393 min Scan# 2257
Delta R.T. -0.009 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

Tgt Ion:129 Resp: 269437
Ion Ratio Lower Upper
129 100
127 77.9 39.3 117.8





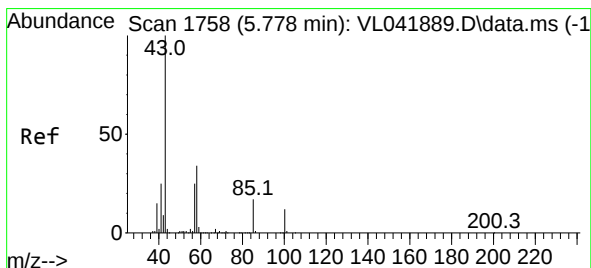
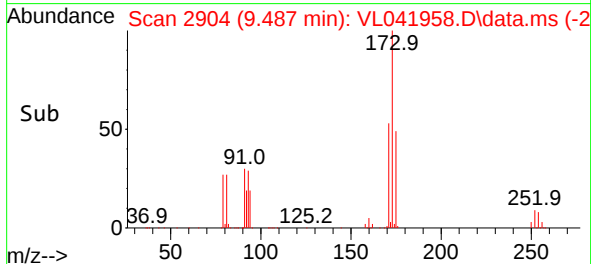
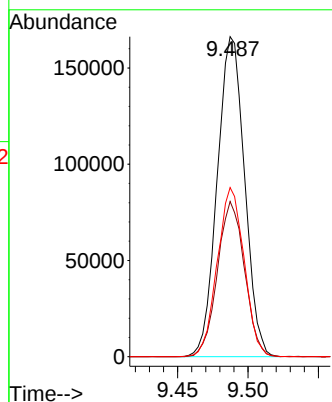
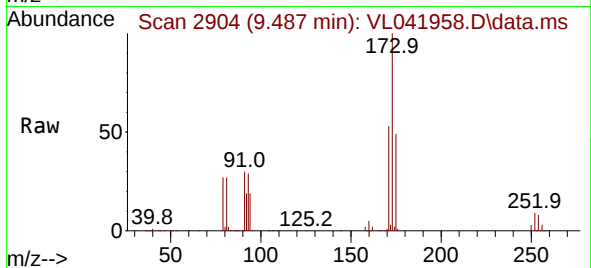
#49
Bromoform
Concen: 12.125 ppbv
RT: 9.487 min Scan# 2904
Delta R.T. -0.009 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 225054
Ion Ratio Lower Upper
173 100
175 48.0 38.4 57.6
171 51.9 41.4 62.2

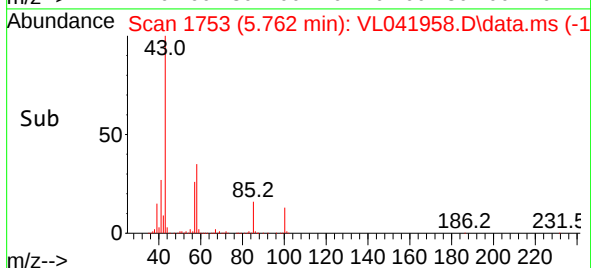
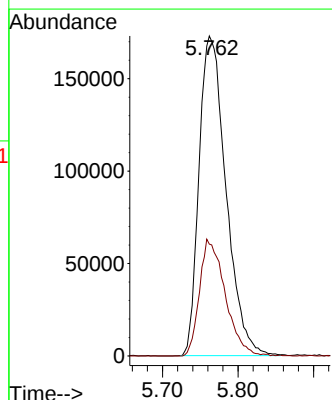
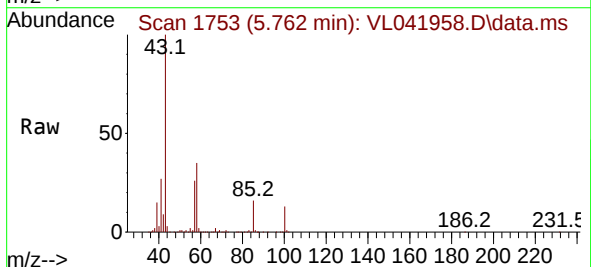
Manual Integrations
APPROVED

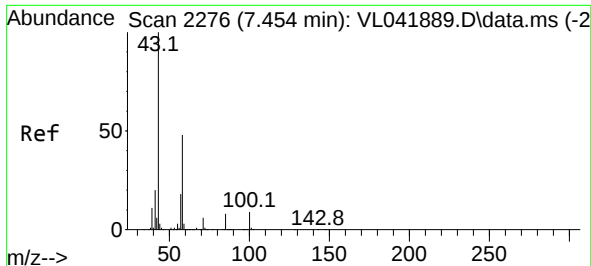
Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#50
4-Methyl-2-Pentanone
Concen: 11.499 ppbv
RT: 5.762 min Scan# 1753
Delta R.T. -0.016 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

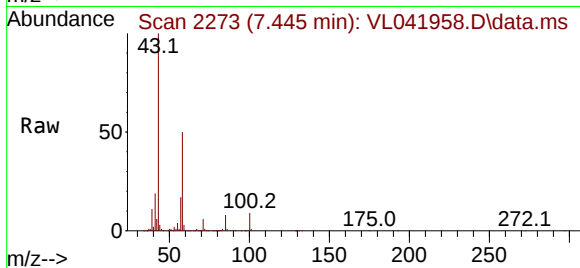
Tgt Ion: 43 Resp: 428753
Ion Ratio Lower Upper
43 100
58 34.9 29.0 43.6





#51
2-Hexanone
Concen: 11.752 ppbv
RT: 7.445 min Scan# 21
Delta R.T. -0.009 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

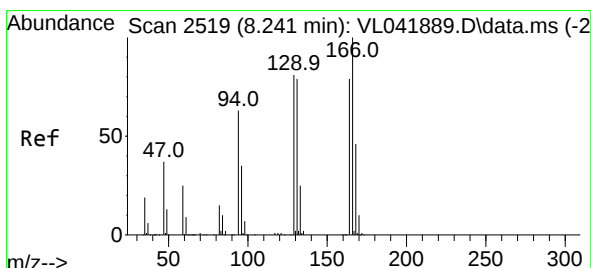
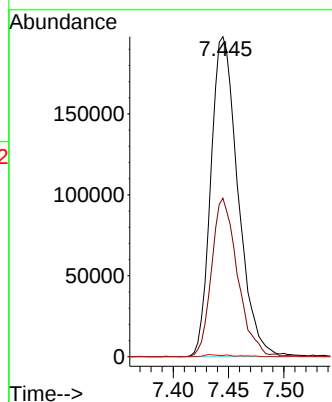
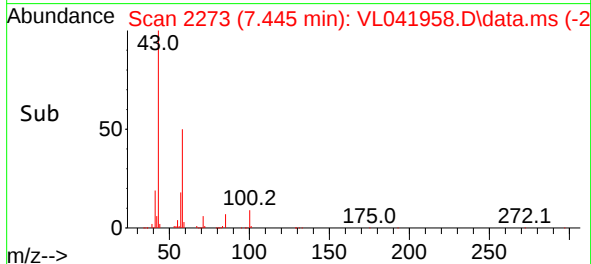
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 33669
Ion Ratio Lower Upper
43 100
58 47.8 40.4 60.6
98 0.7 0.2 0.2

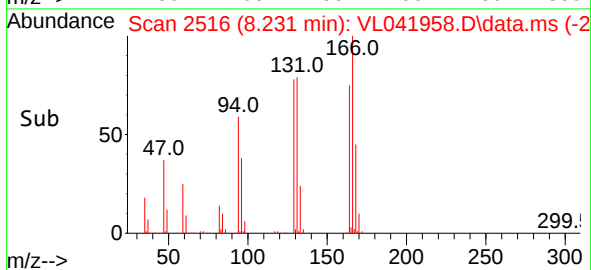
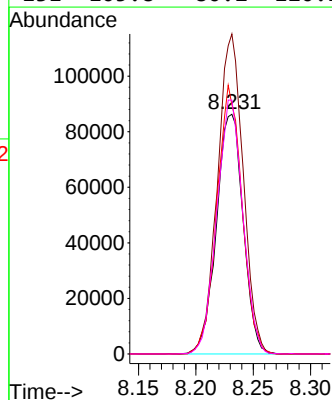
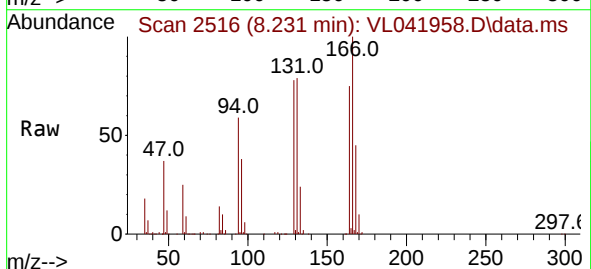
Manual Integrations
APPROVED

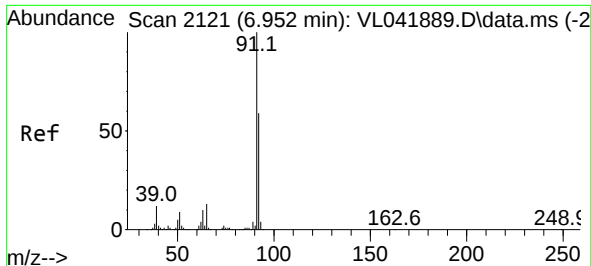
Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#52
Tetrachloroethene
Concen: 10.211 ppbv
RT: 8.231 min Scan# 2516
Delta R.T. -0.009 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

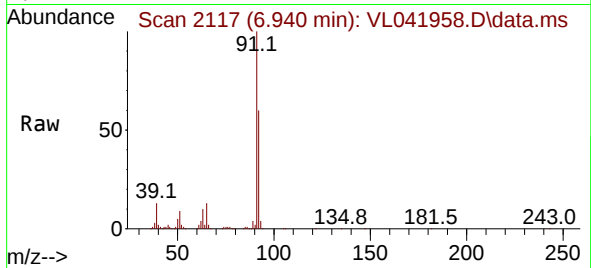
Tgt Ion:164 Resp: 139466
Ion Ratio Lower Upper
164 100
166 133.5 100.8 151.2
129 104.1 82.0 123.0
131 105.8 80.2 120.2





#53
Toluene
Concen: 11.275 ppbv
RT: 6.940 min Scan# 2117
Delta R.T. -0.013 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

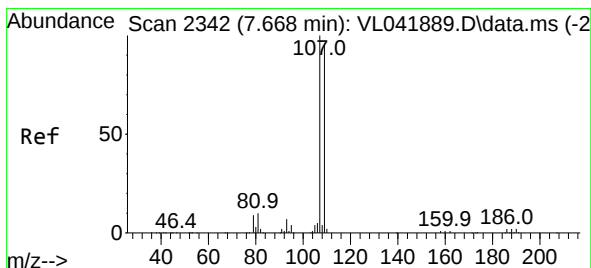
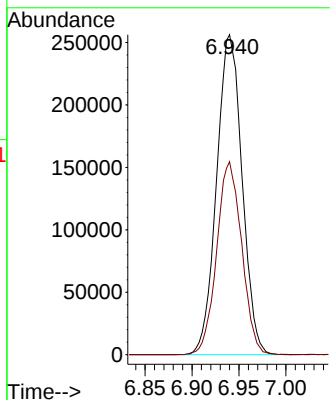
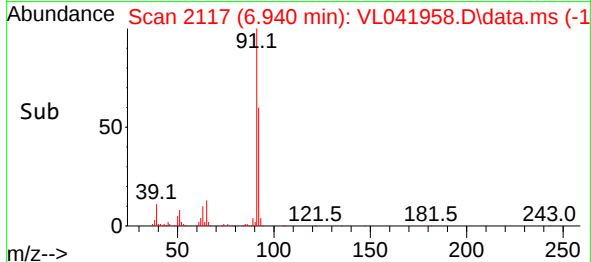
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



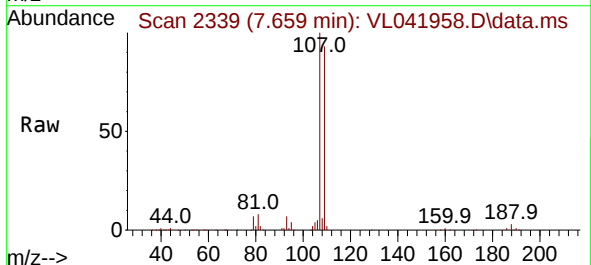
Tgt Ion: 91 Resp: 483814
Ion Ratio Lower Upper
91 100
92 59.1 47.4 71.0

Manual Integrations
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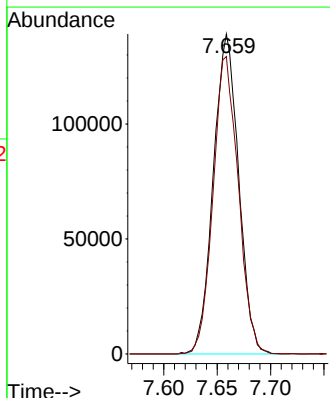
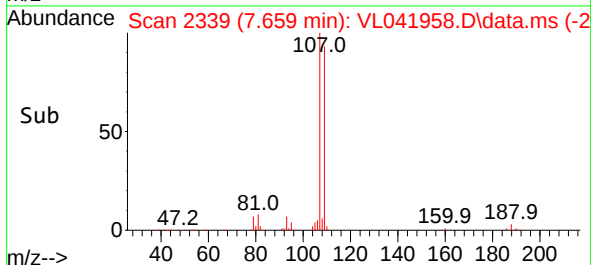
Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

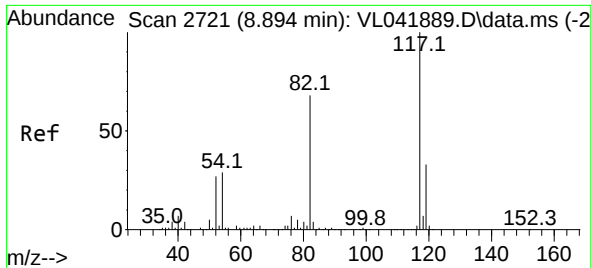


#54
1,2-Dibromoethane
Concen: 11.384 ppbv
RT: 7.659 min Scan# 2339
Delta R.T. -0.009 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48



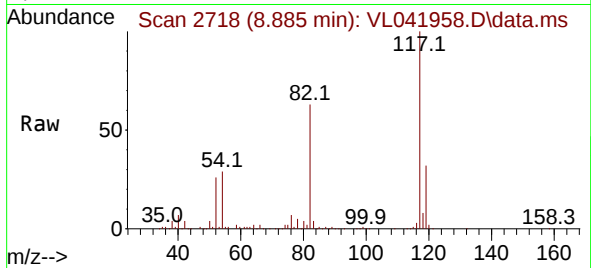
Tgt Ion:107 Resp: 229203
Ion Ratio Lower Upper
107 100
109 93.0 76.7 115.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2718
Delta R.T. -0.009 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

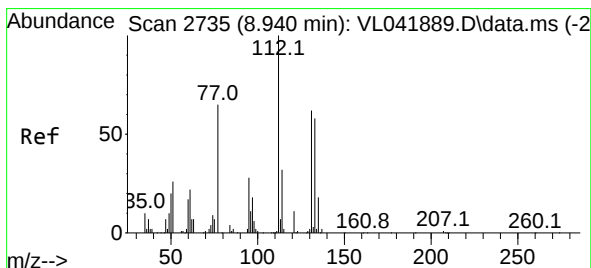
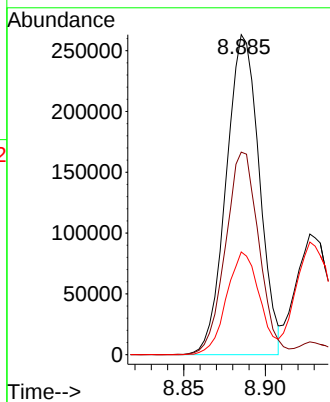
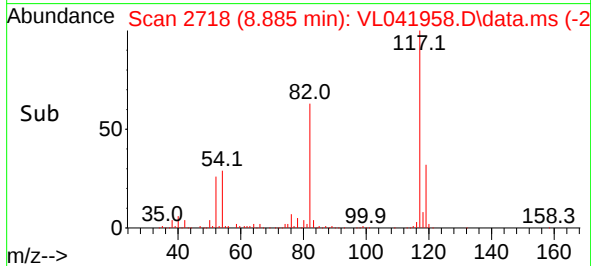
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



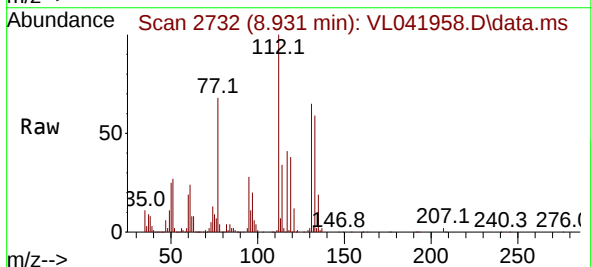
Tgt Ion:117 Resp: 37133
Ion Ratio Lower Upper
117 100
82 67.6 54.2 81.4
119 33.2 25.0 37.6

Manual Integrations
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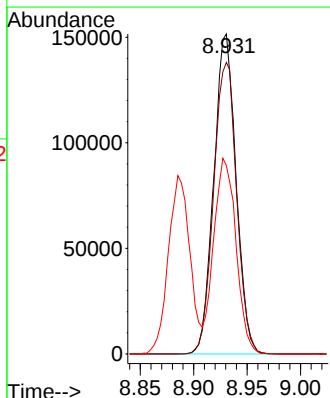
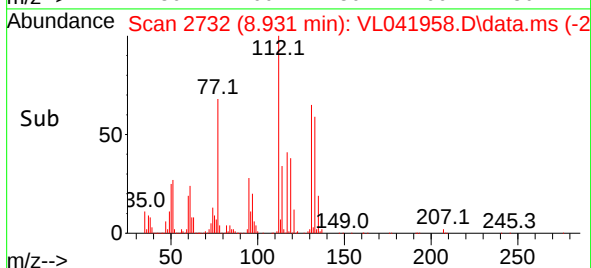
Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

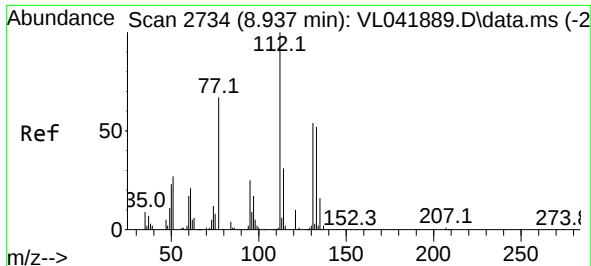


#56
1,1,1,2-Tetrachloroethane
Concen: 11.885 ppbv
RT: 8.931 min Scan# 2732
Delta R.T. -0.009 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48



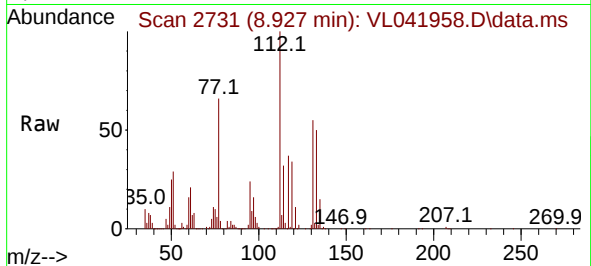
Tgt Ion:131 Resp: 220185
Ion Ratio Lower Upper
131 100
133 94.3 76.0 114.0
119 61.3 49.7 74.5





#57
Chlorobenzene
Concen: 11.280 ppbv
RT: 8.927 min Scan# 21
Delta R.T. -0.009 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

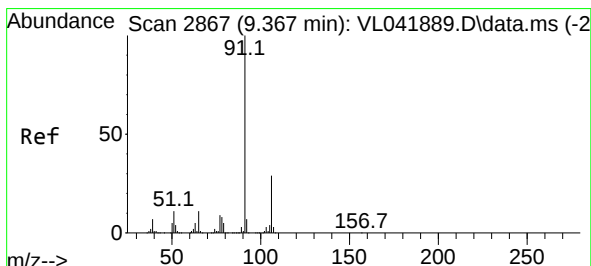
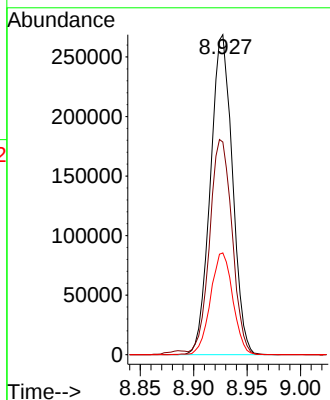
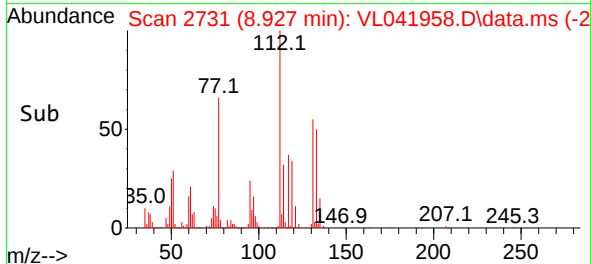
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 386374
Ion Ratio Lower Upper
112 100
77 66.4 54.6 82.0
114 31.8 28.2 34.4

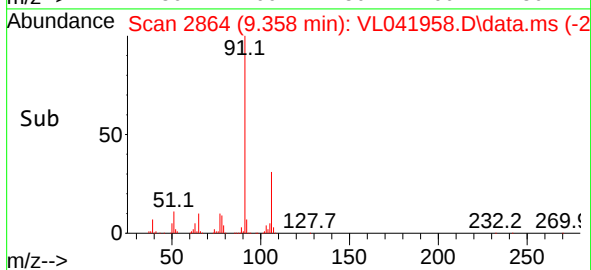
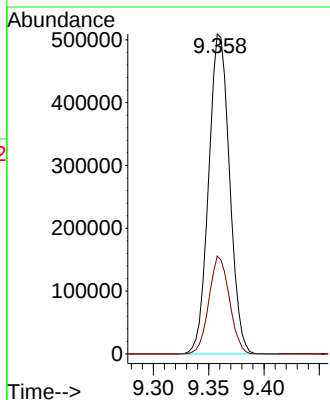
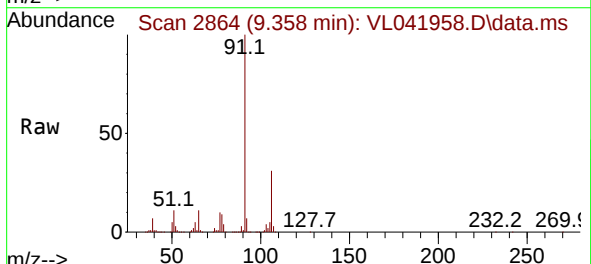
Manual Integrations
APPROVED

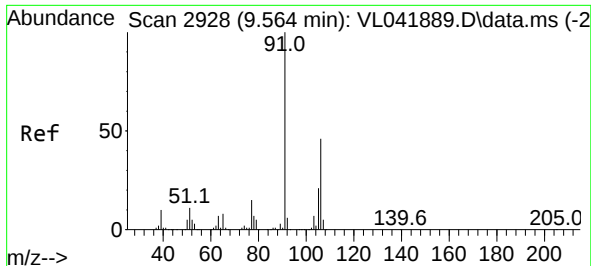
Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#58
Ethyl Benzene
Concen: 11.531 ppbv
RT: 9.358 min Scan# 2864
Delta R.T. -0.009 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

Tgt Ion: 91 Resp: 669174
Ion Ratio Lower Upper
91 100
106 30.6 23.1 34.7





#59

m/p-Xylene

Concen: 23.782 ppbv m

RT: 9.555 min Scan# 2925

Delta R.T. -0.009 min

Lab File: VL041958.D

Acq: 03 Feb 2025 10:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 110623

Ion Ratio Lower Upper

91 100

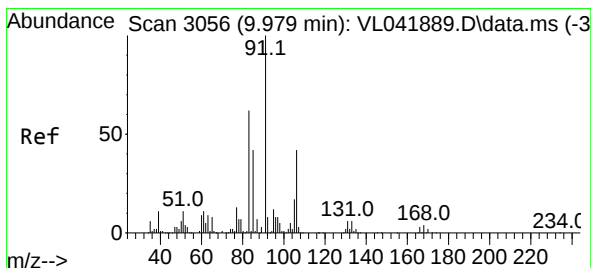
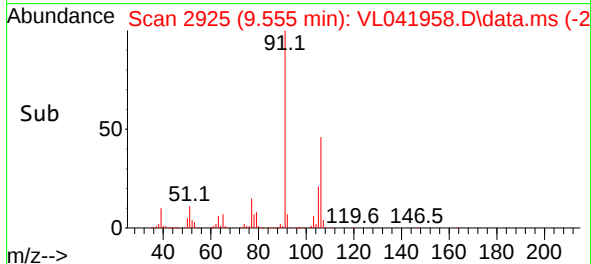
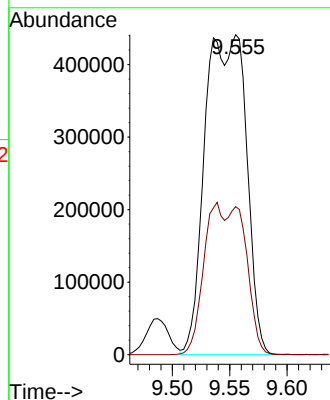
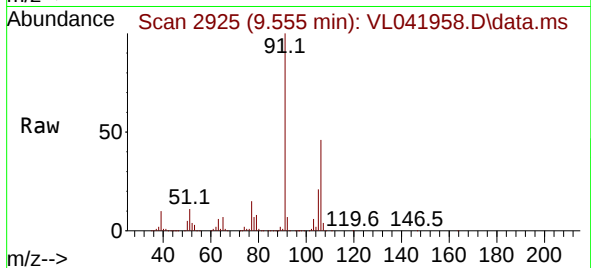
106 0.0 36.0 54.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#60

o-Xylene

Concen: 12.025 ppbv

RT: 9.969 min Scan# 3053

Delta R.T. -0.009 min

Lab File: VL041958.D

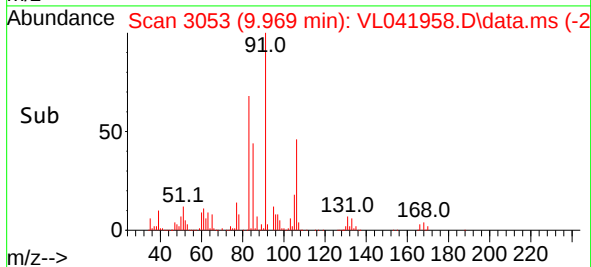
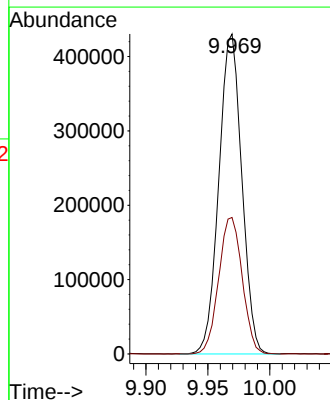
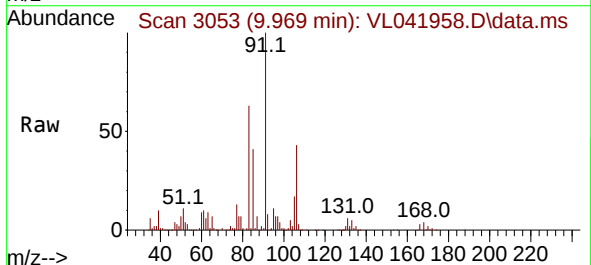
Acq: 03 Feb 2025 10:48

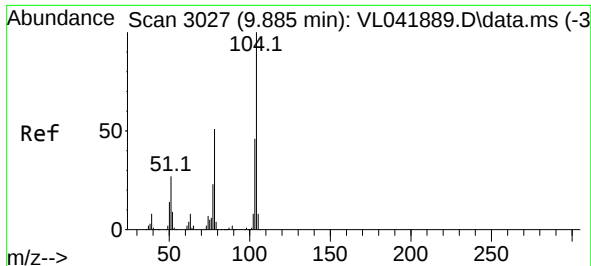
Tgt Ion: 91 Resp: 555194

Ion Ratio Lower Upper

91 100

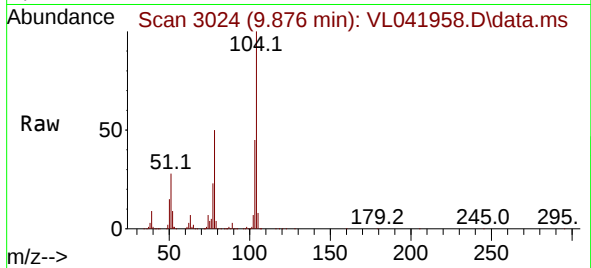
106 43.9 21.3 63.9





#61
Styrene
Concen: 11.895 ppbv
RT: 9.876 min Scan# 3027
Delta R.T. -0.009 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

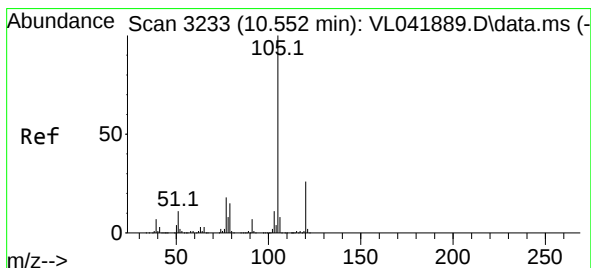
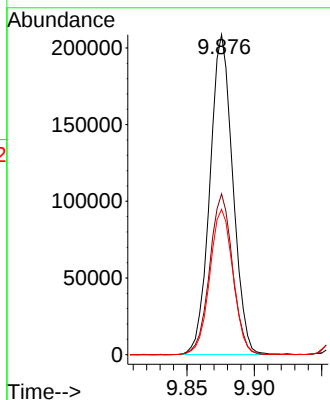
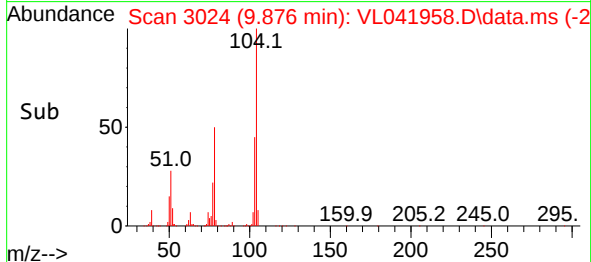
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:104 Resp: 24635
Ion Ratio Lower Upper
104 100
78 50.4 41.0 61.6
103 46.5 37.2 55.8

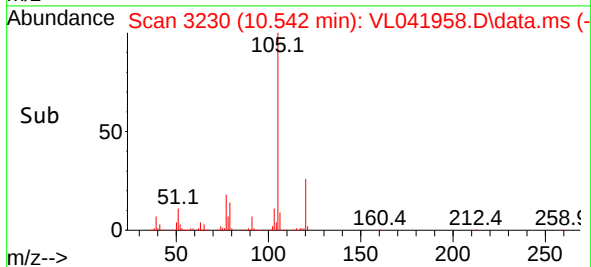
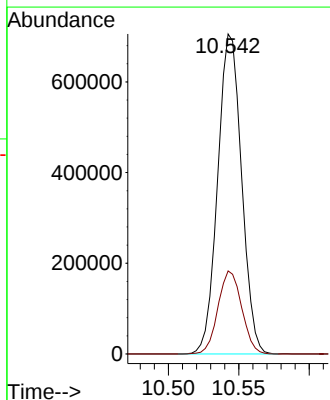
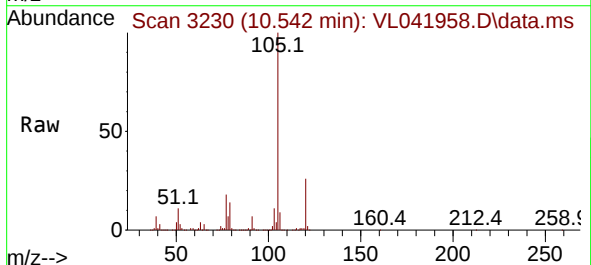
Manual Integrations
APPROVED

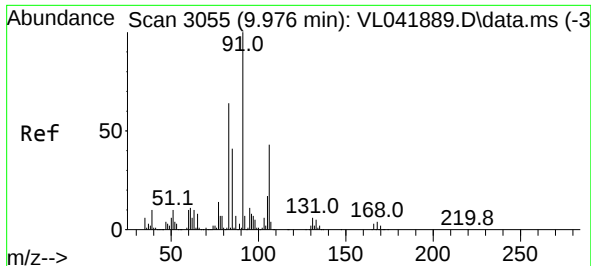
Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#62
Isopropylbenzene
Concen: 11.677 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. -0.009 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

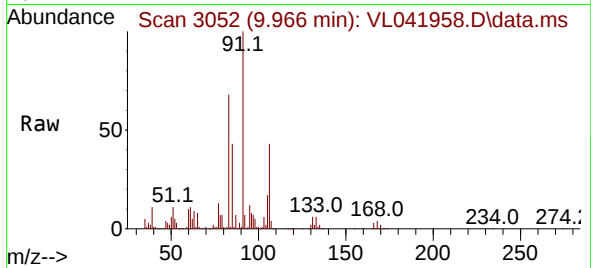
Tgt Ion:105 Resp: 834260
Ion Ratio Lower Upper
105 100
120 25.7 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 12.280 ppbv
RT: 9.966 min Scan# 3055
Delta R.T. -0.009 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

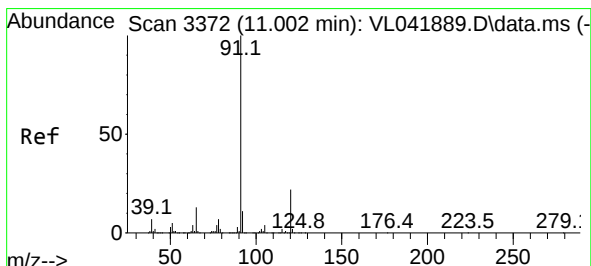
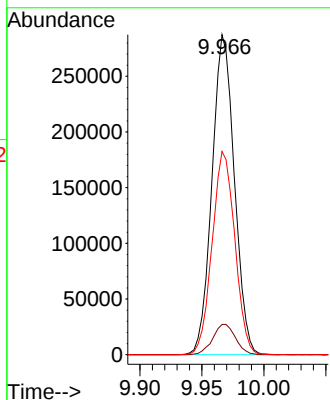
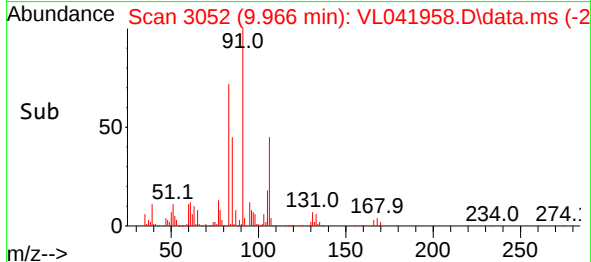
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



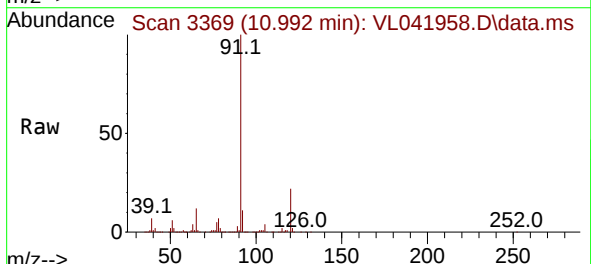
Tgt Ion: 83 Resp: 362310
Ion Ratio Lower Upper
83 100
131 9.7 4.8 14.4
85 64.3 32.4 97.2

Manual Integrations
APPROVED

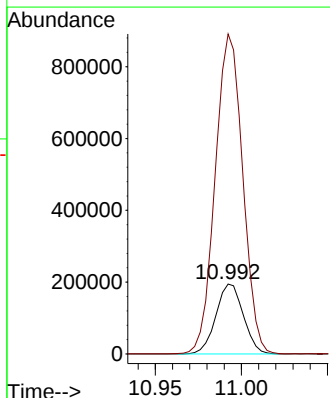
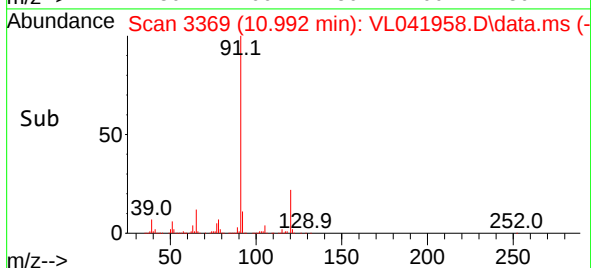
Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

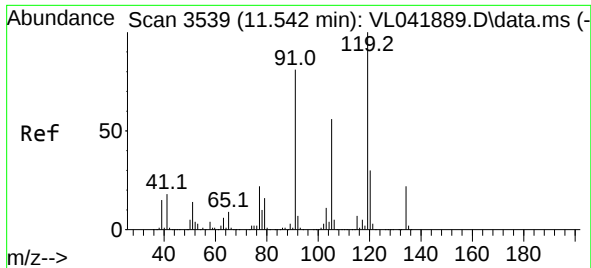


#64
n-propylbenzene
Concen: 11.942 ppbv
RT: 10.992 min Scan# 3369
Delta R.T. -0.009 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48



Tgt Ion:120 Resp: 215585
Ion Ratio Lower Upper
120 100
91 461.7 374.1 561.1





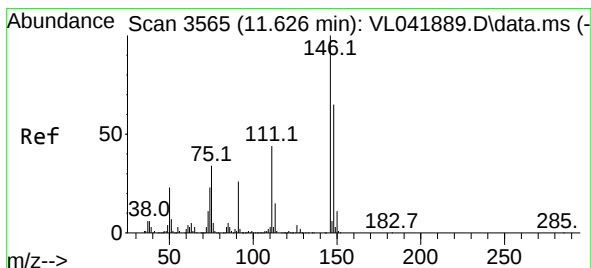
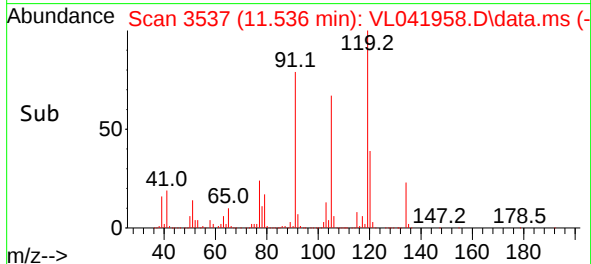
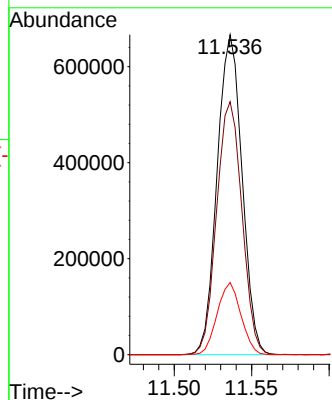
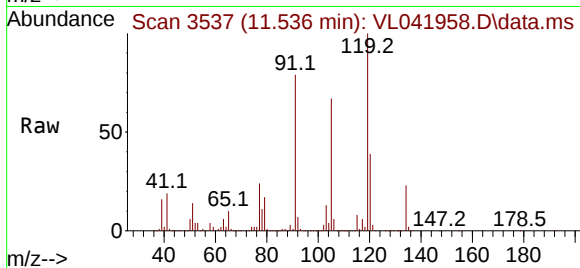
#65
tert-Butylbenzene
Concen: 11.464 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. -0.006 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 746398
Ion Ratio Lower Upper
119 100
91 80.2 64.6 97.0
134 21.4 16.8 25.2

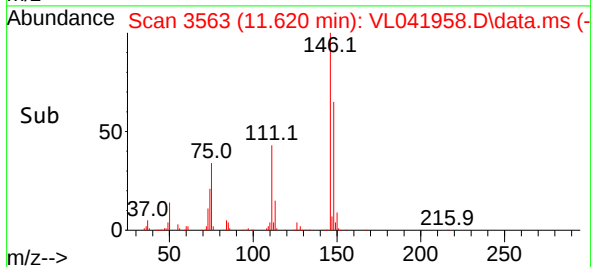
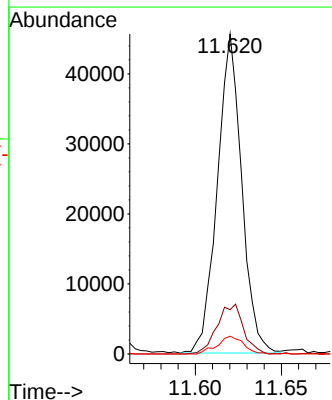
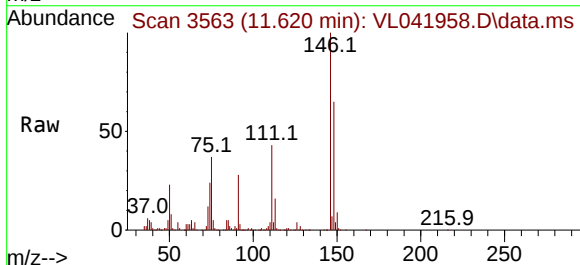
Manual Integrations
APPROVED

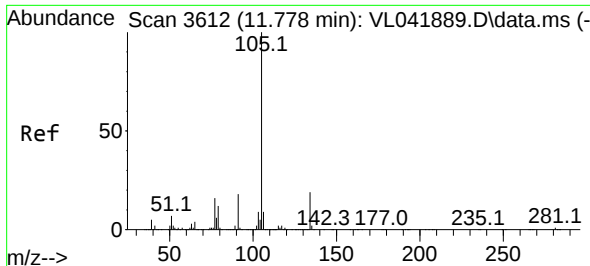
Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#66
Benzyl Chloride
Concen: 11.160 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. -0.006 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

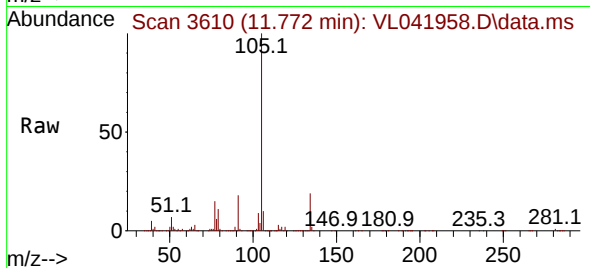
Tgt Ion: 91 Resp: 44973
Ion Ratio Lower Upper
91 100
126 17.0 14.1 21.1
128 6.0 4.3 6.5





#67
 sec-Butylbenzene
 Concen: 11.655 ppbv
 RT: 11.772 min Scan# 3612
 Delta R.T. -0.006 min
 Lab File: VL041958.D
 Acq: 03 Feb 2025 10:48

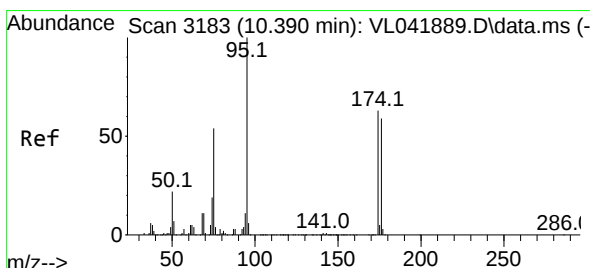
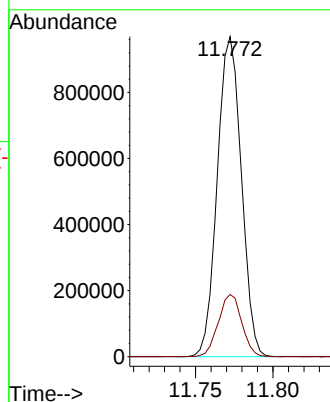
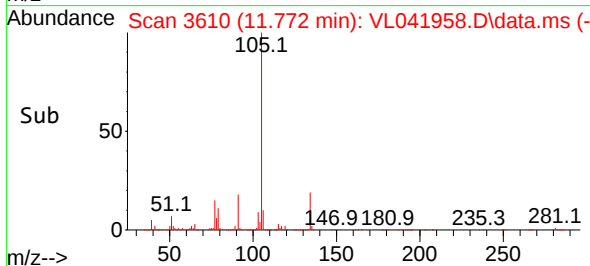
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



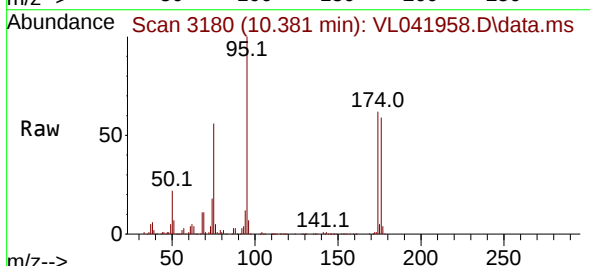
Tgt Ion:105 Resp: 1044912
 Ion Ratio Lower Upper
 105 100
 134 19.0 15.1 22.7

Manual Integrations
 APPROVED

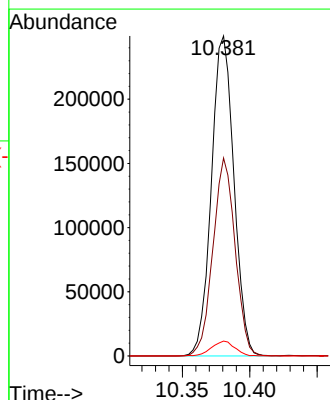
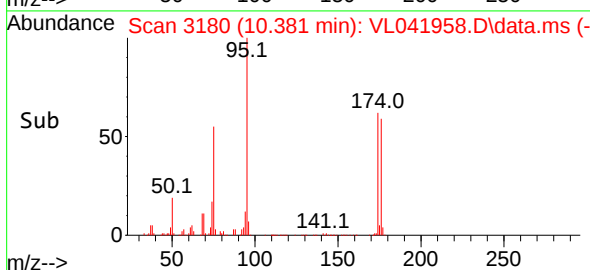
Reviewed By :Semsettin Yesilyurt 02/04/2025
 Supervised By :Mahesh Dadoda 02/04/2025

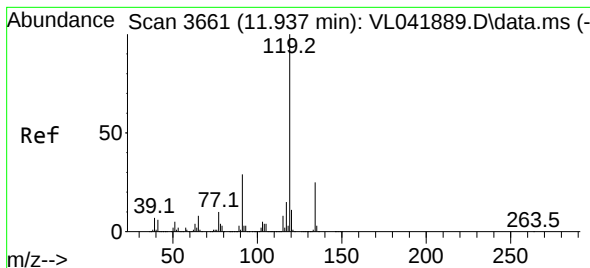


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.905 ppbv
 RT: 10.381 min Scan# 3180
 Delta R.T. -0.009 min
 Lab File: VL041958.D
 Acq: 03 Feb 2025 10:48



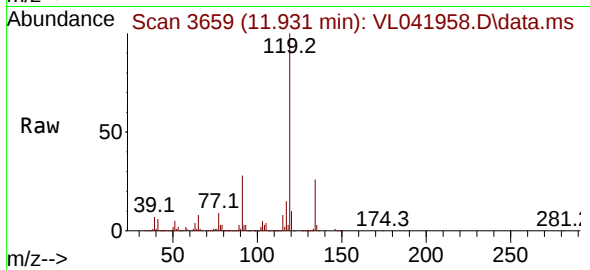
Tgt Ion: 95 Resp: 289698
 Ion Ratio Lower Upper
 95 100
 174 61.1 49.0 73.4
 175 4.8 3.8 5.8





#69
p-Isopropyltoluene
Concen: 11.756 ppbv
RT: 11.931 min Scan# 3659
Delta R.T. -0.006 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

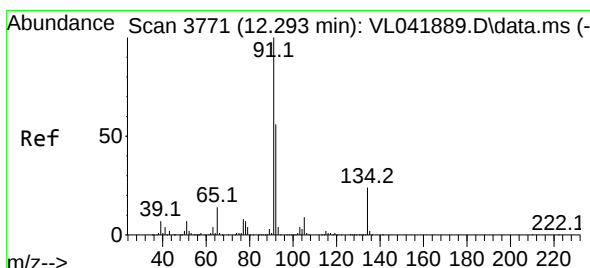
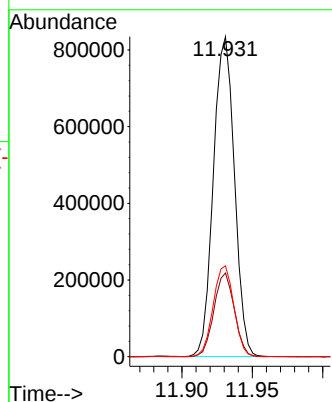
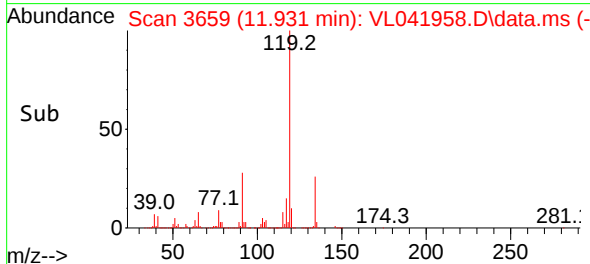
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



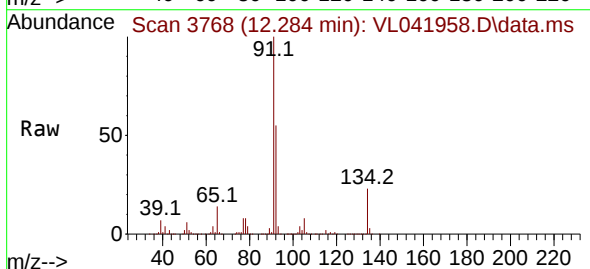
Tgt Ion:119 Resp: 867909
Ion Ratio Lower Upper
119 100
134 25.5 19.8 29.6
91 28.1 23.0 34.4

Manual Integrations
APPROVED

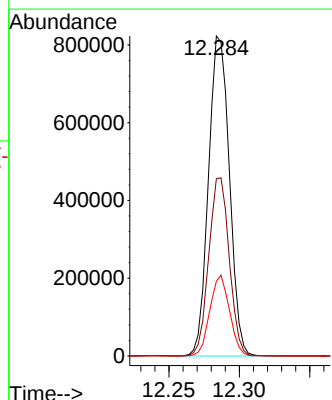
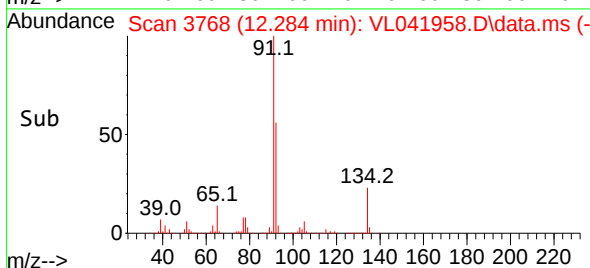
Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

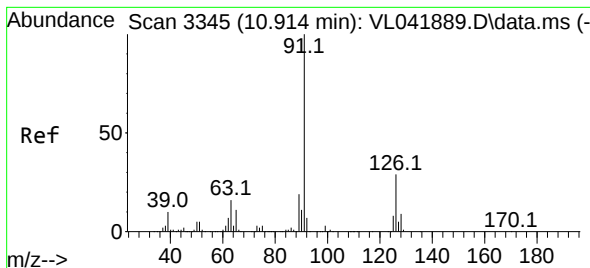


#70
n-Butylbenzene
Concen: 11.589 ppbv
RT: 12.284 min Scan# 3768
Delta R.T. -0.009 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48



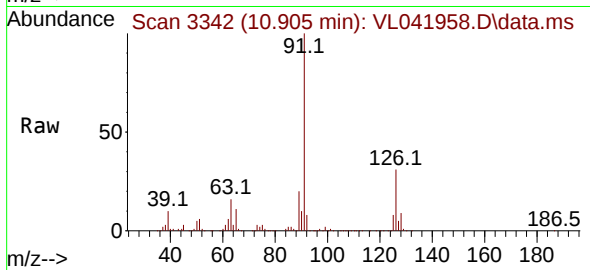
Tgt Ion: 91 Resp: 848499
Ion Ratio Lower Upper
91 100
92 54.8 43.8 65.6
134 23.7 19.0 28.6





#71
2-Chlorotoluene
Concen: 11.644 ppbv
RT: 10.905 min Scan# 31
Delta R.T. -0.009 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

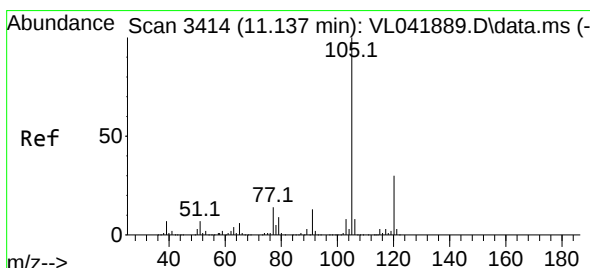
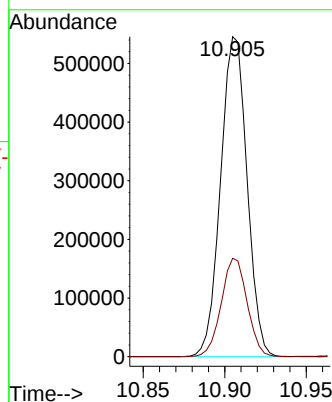
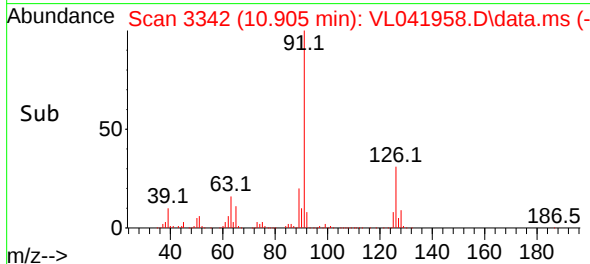
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 91 Resp: 61538
Ion Ratio Lower Upper
91 100
126 30.1 11.7 46.7

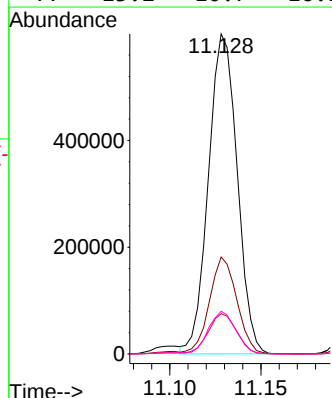
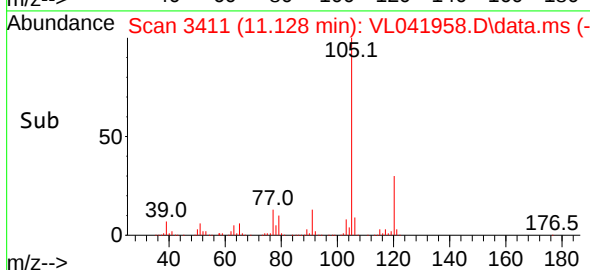
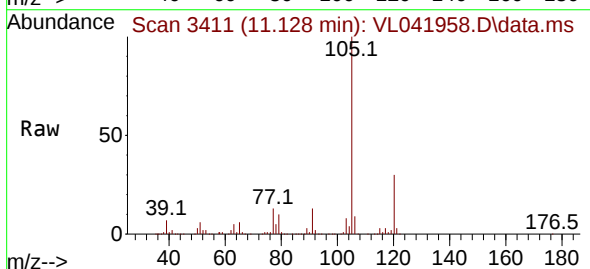
Manual Integrations
APPROVED

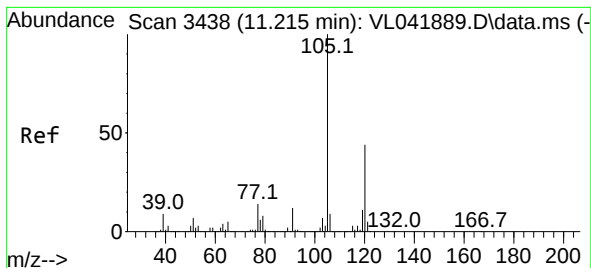
Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#72
4-Ethyltoluene
Concen: 11.926 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. -0.009 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

Tgt Ion:105 Resp: 658660
Ion Ratio Lower Upper
105 100
120 29.5 23.7 35.5
91 12.7 10.2 15.2
77 13.2 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 11.613 ppbv

RT: 11.209 min Scan# 3438

Delta R.T. -0.006 min

Lab File: VL041958.D

Acq: 03 Feb 2025 10:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 56636

Ion Ratio Lower Upper

105 100

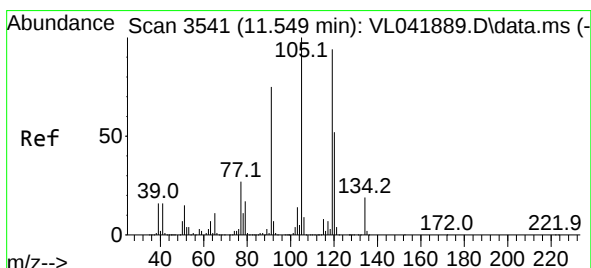
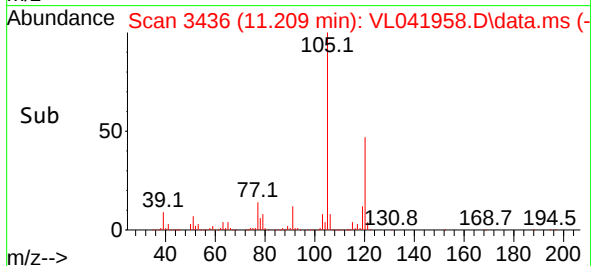
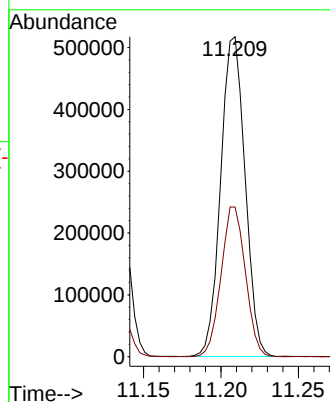
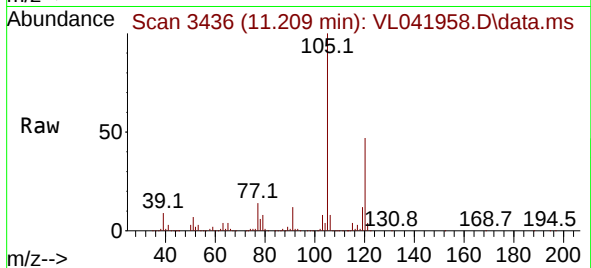
120 46.8 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#74

1,2,4-Trimethylbenzene

Concen: 11.666 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. -0.006 min

Lab File: VL041958.D

Acq: 03 Feb 2025 10:48

Tgt Ion:105 Resp: 616177

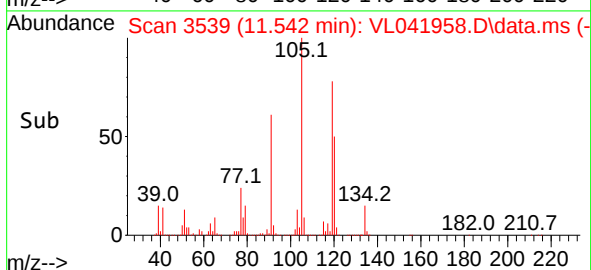
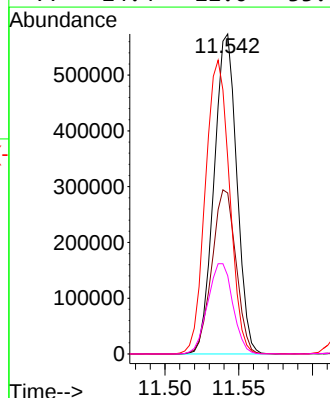
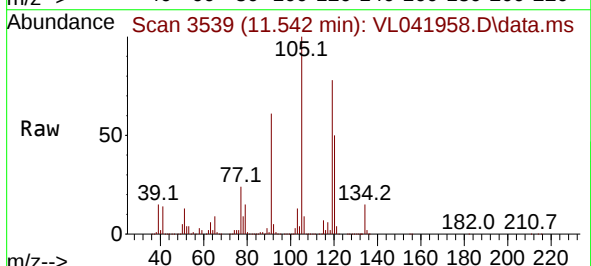
Ion Ratio Lower Upper

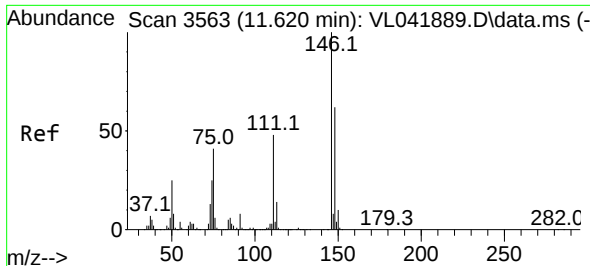
105 100

120 50.3 41.4 62.2

91 61.1 60.2 90.2

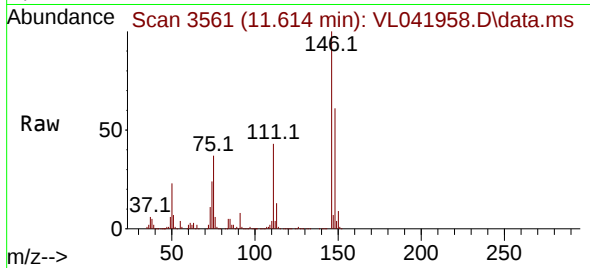
77 24.4 22.0 33.0





#75
1,3-Dichlorobenzene
Concen: 11.437 ppbv
RT: 11.614 min Scan# 3561
Delta R.T. -0.006 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

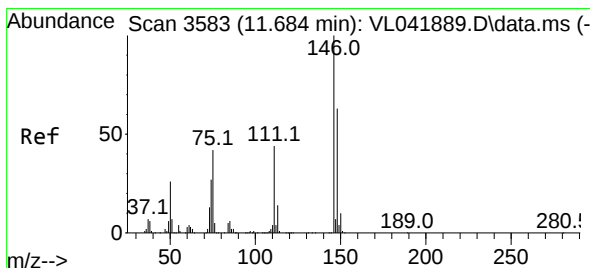
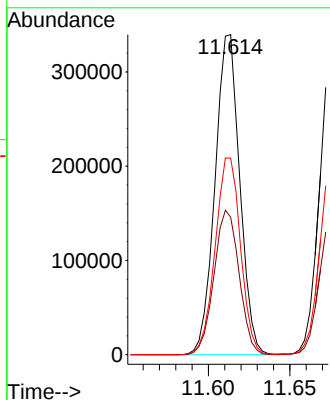
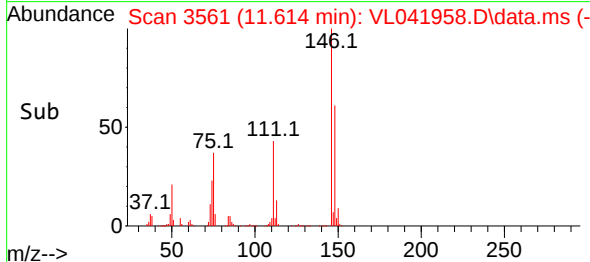
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



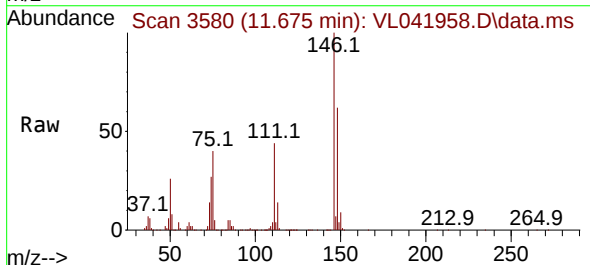
Tgt Ion:146 Resp: 357960
Ion Ratio Lower Upper
146 100
111 45.9 23.6 70.8
148 63.0 31.4 94.0

Manual Integrations
APPROVED

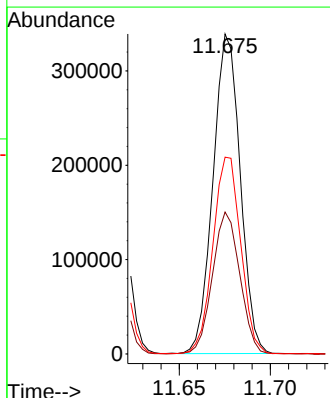
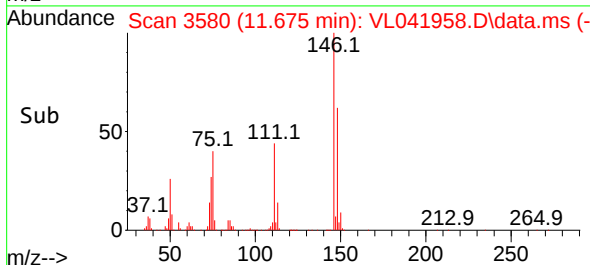
Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

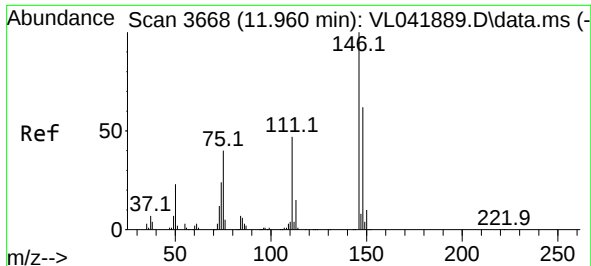


#76
1,4-Dichlorobenzene
Concen: 11.500 ppbv
RT: 11.675 min Scan# 3580
Delta R.T. -0.009 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48



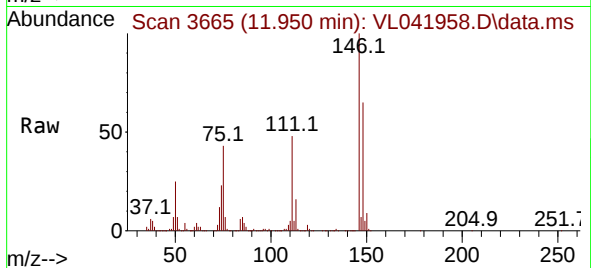
Tgt Ion:146 Resp: 352145
Ion Ratio Lower Upper
146 100
111 44.8 22.4 67.0
148 63.2 31.9 95.5





#77
1,2-Dichlorobenzene
Concen: 11.457 ppbv
RT: 11.950 min Scan# 3665
Delta R.T. -0.009 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

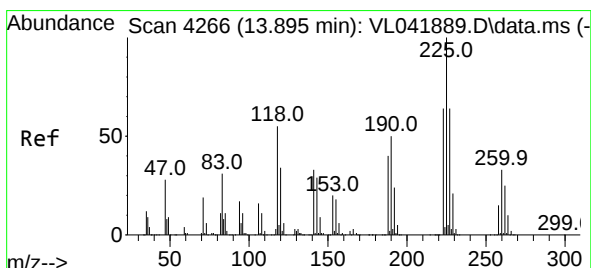
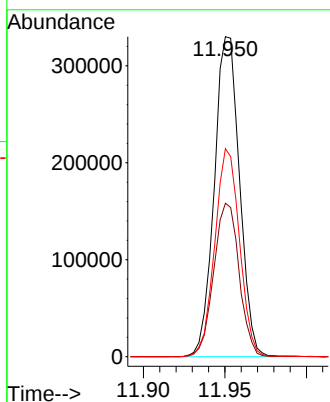
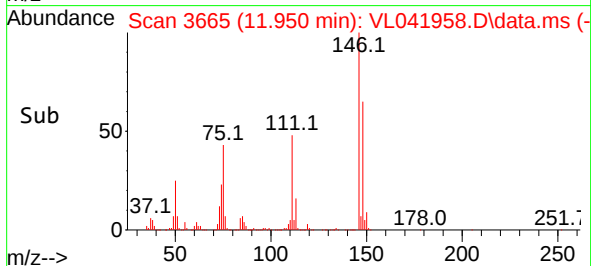
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



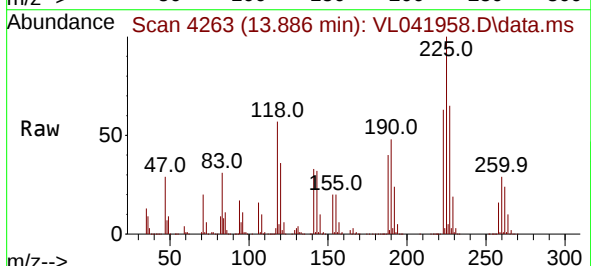
Tgt Ion:146 Resp: 355380
Ion Ratio Lower Upper
146 100
111 48.3 24.2 72.6
148 63.6 31.7 95.1

Manual Integrations
APPROVED

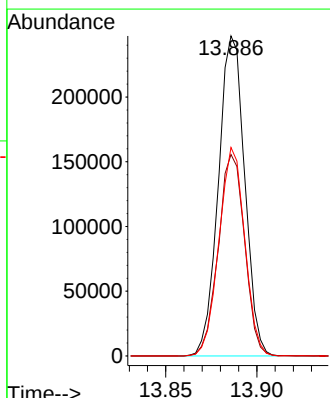
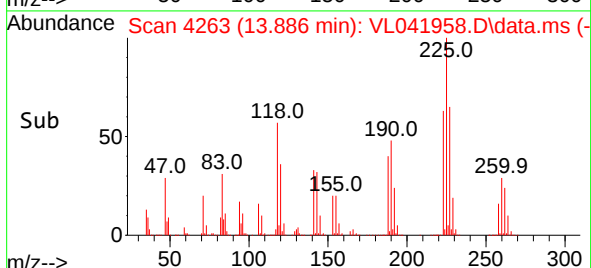
Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

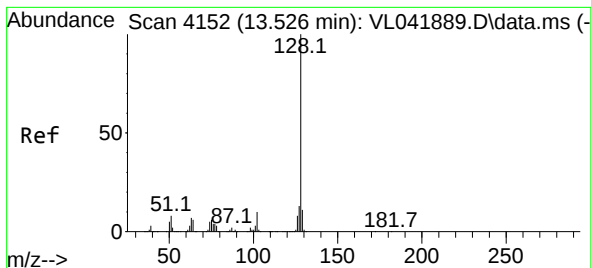


#78
Hexachloro-1,3-Butadiene
Concen: 9.729 ppbv
RT: 13.886 min Scan# 4263
Delta R.T. -0.009 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48



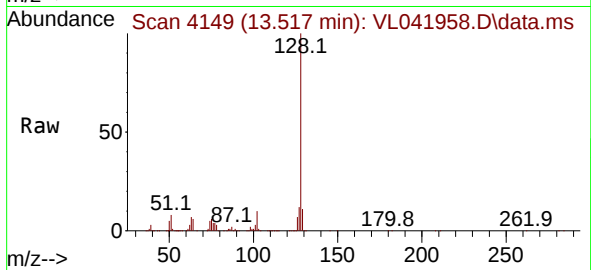
Tgt Ion:225 Resp: 247691
Ion Ratio Lower Upper
225 100
223 63.0 50.8 76.2
227 63.8 50.3 75.5





#79
Naphthalene
Concen: 10.407 ppbv
RT: 13.517 min Scan# 4152
Delta R.T. -0.009 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48

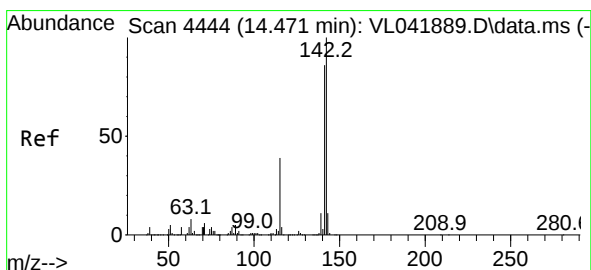
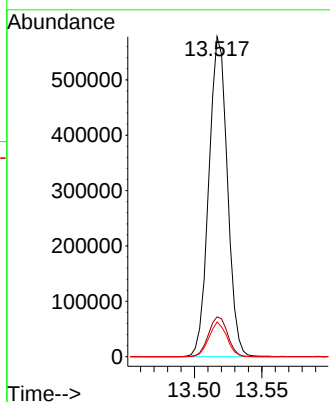
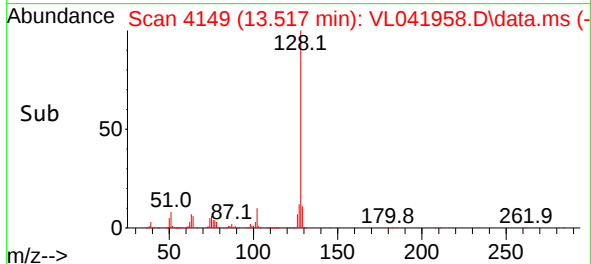
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



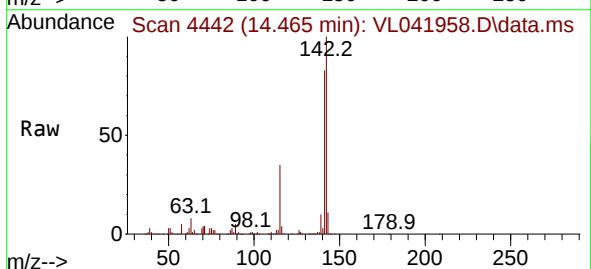
Tgt Ion:128 Resp: 553420
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 10.8 9.1 13.7

Manual Integrations
APPROVED

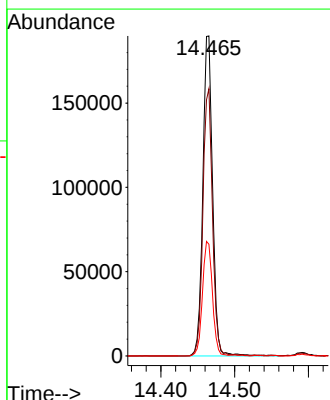
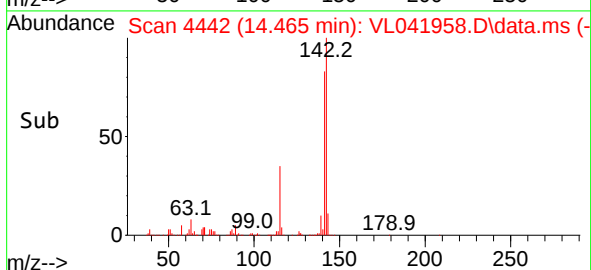
Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

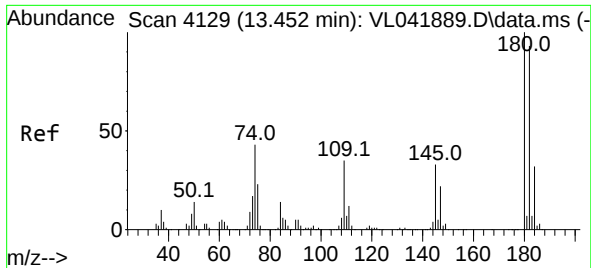


#80
Naphthalene,2-methyl-
Concen: 6.894 ppbv
RT: 14.465 min Scan# 4442
Delta R.T. -0.006 min
Lab File: VL041958.D
Acq: 03 Feb 2025 10:48



Tgt Ion:142 Resp: 173813
Ion Ratio Lower Upper
142 100
141 82.6 68.1 102.1
115 37.0 31.7 47.5





#81

1,2,4-Trichlorobenzene

Concen: 9.671 ppbv

RT: 13.446 min Scan# 41

Delta R.T. -0.006 min

Lab File: VL041958.D

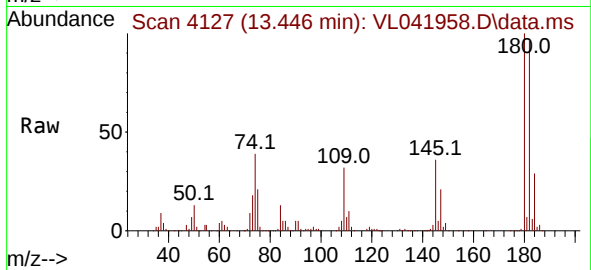
Acq: 03 Feb 2025 10:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180	Resp:	251038
Ion Ratio	Lower	Upper
180	100	
182	94.5	77.0 115.6
184	29.7	24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

