

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031725\
 Data File : VL042152.D
 Acq On : 17 Mar 2025 11:38
 Operator : SY/MD
 Sample : VL0317ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0317ABS01

Quant Time: Mar 18 01:22:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Feb 26 01:08:36 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 03/18/2025
 Supervised By : Mahesh Dadoda 03/18/2025

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

Internal Standards						
1) Bromochloromethane	2.800	49	168331	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	405507	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.901	117	339099	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.393	95	282890	10.844	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.400%

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.502	85	180681	10.322	ppbv	99
3) Chlorodifluoromethane	1.479	51	219701	8.980	ppbv	100
4) Chloromethane	1.538	50	71134	10.989	ppbv	99
5) Vinyl Chloride	1.586	62	68001	11.106	ppbv	99
6) Bromomethane	1.674	94	32244	11.059	ppbv	97
7) Chloroethane	1.709	64	26575	10.682	ppbv	93
8) Dichlorotetrafluoroethane	1.557	85	152871	10.624	ppbv	100
9) Propene	1.489	41	87265	8.756	ppbv	99
10) Heptane	5.004	43	250401	8.069	ppbv	97
11) Trichlorofluoromethane	1.884	101	193415	11.028	ppbv	96
12) 1,1,2-Trichlorotrifluo...	2.146	101	142239	10.167	ppbv	96
13) Ethanol	1.729	45	6589	10.414	ppbv	100
14) Bromoethene	1.787	108	53682	10.866	ppbv	99
15) Acetone	1.842	43	153734	10.342	ppbv	97
16) 1,3-Butadiene	1.615	39	73596	10.638	ppbv	99
17) tert-Butyl alcohol	2.049	59	168888	9.081	ppbv	97
18) 1,1-Dichloroethene	2.043	96	64186	10.153	ppbv	92
19) Isopropyl Alcohol	1.894	45	87101	10.200	ppbv	93
20) Methylene Chloride	2.068	84	69871	12.426	ppbv	97
21) Allyl Chloride	2.104	41	107619	10.020	ppbv	97
22) trans-1,2-Dichloroethene	2.350	96	70469	9.562	ppbv	94
23) Vinyl Acetate	2.473	43	86073	8.235	ppbv #	98
24) 1,1-Dichloroethane	2.418	63	136457	9.951	ppbv	99
25) Ethyl Acetate	2.848	43	522277	8.777	ppbv	99
26) Hexane	2.836	57	219929	9.143	ppbv	95
27) Carbon Disulfide	2.159	76	170724	10.470	ppbv	97
28) Methyl tert-Butyl Ether	2.450	73	96989	8.099	ppbv	98
29) Chloroform	2.861	83	279316	8.627	ppbv	98
30) Cyclohexane	3.871	84	153350	7.854	ppbv	96
31) cis-1,2-Dichloroethene	2.732	61	175002	7.685	ppbv	96
32) 1,1,1-Trichloroethane	3.382	97	252623	8.044	ppbv	96
34) 2-Butanone	2.567	43	285475	9.036	ppbv	98
35) Carbon Tetrachloride	3.777	117	263308	9.416	ppbv	97
36) Benzene	3.671	78	368780	8.687	ppbv	99
37) 1,2-Dichloroethane	3.230	62	205805	8.744	ppbv	99
38) Trichloroethene	4.570	130	141107	8.140	ppbv	97
39) 1,2-Dichloropropane	4.334	63	138287	8.583	ppbv	97
40) 1,4-Dioxane	4.609	88	62727	8.528	ppbv #	98
41) Tetrahydrofuran	3.069	42	158737	8.504	ppbv	97
42) Bromodichloromethane	4.512	83	284311	8.966	ppbv	99
43) Methyl Methacrylate	4.910	69	132841	8.013	ppbv	97
44) 2,2,4-Trimethylpentane	4.661	57	662648	8.845	ppbv	97
45) t-1,3-Dichloropropene	6.441	75	120373	7.308	ppbv	100

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0317ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/18/2025
 Supervised By : Mahesh Dadoda 03/18/2025

Quant Time: Mar 18 01:22:57 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M

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

QLast Update : Wed Feb 26 01:08:36 2025

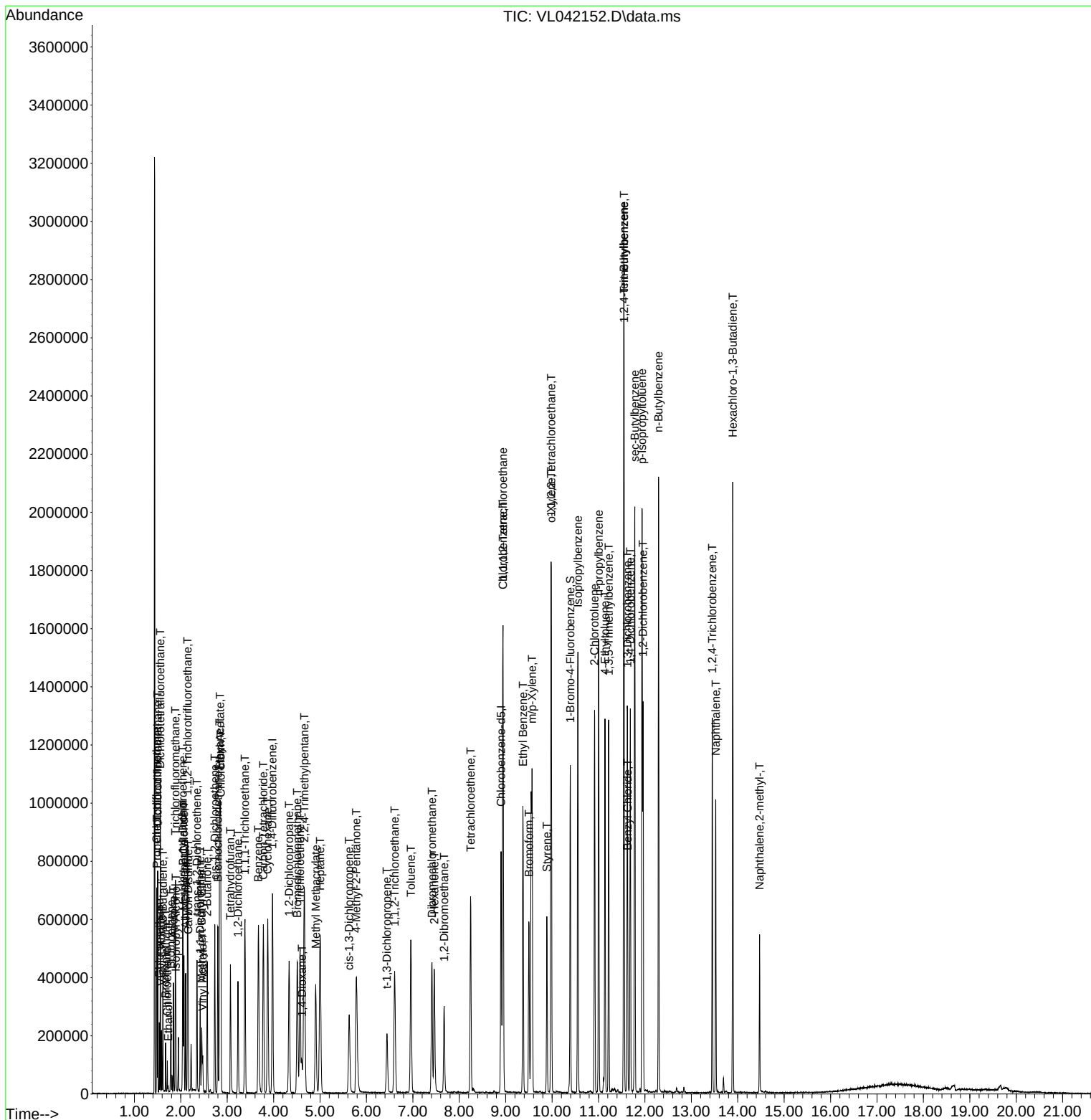
Response via : Initial Calibration

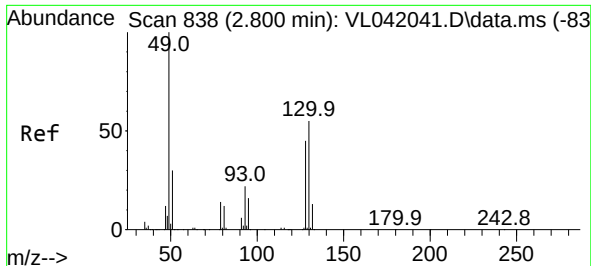
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.629	75	168060	7.885	ppbv	97
47) 1,1,2-Trichloroethane	6.606	97	145834	8.915	ppbv	97
48) Dibromochloromethane	7.412	129	224861	8.777	ppbv	98
49) Bromoform	9.500	173	203574	9.150	ppbv	99
50) 4-Methyl-2-Pentanone	5.781	43	378000	9.252	ppbv	97
51) 2-Hexanone	7.461	43	289813	10.306	ppbv #	96
52) Tetrachloroethene	8.244	164	121217	8.341	ppbv	97
53) Toluene	6.959	91	380447	8.019	ppbv	98
54) 1,2-Dibromoethane	7.674	107	187462	8.477	ppbv	90
56) 1,1,1,2-Tetrachloroethane	8.943	131	183855	9.593	ppbv	100
57) Chlorobenzene	8.940	112	325825	9.267	ppbv	98
58) Ethyl Benzene	9.374	91	530577	8.496	ppbv	99
59) m/p-Xylene	9.568	91	911062m	18.332	ppbv	
60) o-Xylene	9.982	91	457063	9.148	ppbv	99
61) Styrene	9.888	104	195754	8.334	ppbv	99
62) Isopropylbenzene	10.555	105	674921	9.020	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.979	83	324554	9.864	ppbv	99
64) n-propylbenzene	11.005	120	183756	9.363	ppbv	100
65) tert-Butylbenzene	11.545	119	624075	9.165	ppbv	98
66) Benzyl Chloride	11.629	91	42782	8.233	ppbv	97
67) sec-Butylbenzene	11.782	105	891362	9.153	ppbv	99
69) p-Isopropyltoluene	11.937	119	713173	9.204	ppbv	98
70) n-Butylbenzene	12.293	91	740235	9.359	ppbv	99
71) 2-Chlorotoluene	10.914	91	498827	8.648	ppbv	99
72) 4-Ethyltoluene	11.141	105	553863	9.080	ppbv	99
73) 1,3,5-Trimethylbenzene	11.218	105	470478	8.891	ppbv	99
74) 1,2,4-Trimethylbenzene	11.552	105	546537	9.173	ppbv	92
75) 1,3-Dichlorobenzene	11.623	146	315233	9.193	ppbv	99
76) 1,4-Dichlorobenzene	11.684	146	312196	9.170	ppbv	99
77) 1,2-Dichlorobenzene	11.960	146	313994	9.436	ppbv	99
78) Hexachloro-1,3-Butadiene	13.892	225	219764	8.487	ppbv	99
79) Naphthalene	13.526	128	451423	11.049	ppbv	99
80) Naphthalene,2-methyl-	14.471	142	140075	12.529	ppbv	100
81) 1,2,4-Trichlorobenzene	13.452	180	209284	9.192	ppbv	98

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

Manual Integrations APPROVED

Quant Time: Mar 18 01:22:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL02252SAIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Wed Feb 26 01:08:36 2025
Response via : Initial Calibration





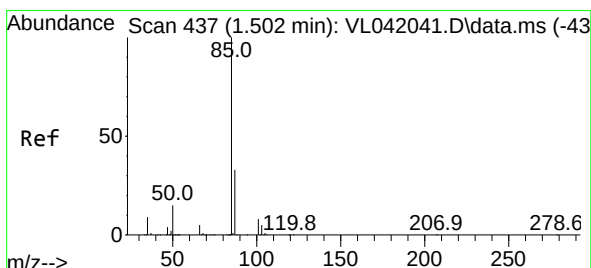
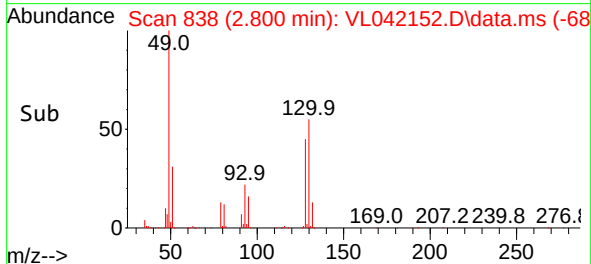
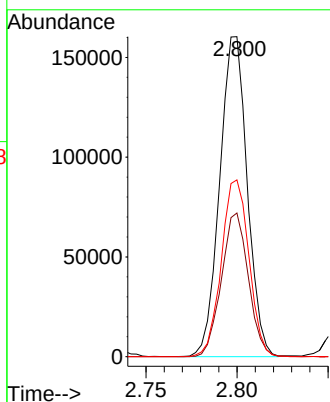
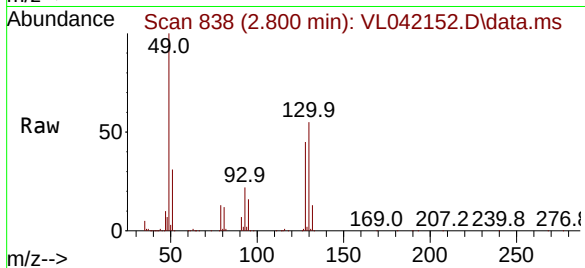
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 838
Delta R.T. -0.000 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion: 49 Resp: 16833
Ion Ratio Lower Upper
49 100
128 43.9 21.6 64.8
130 55.3 27.8 83.4

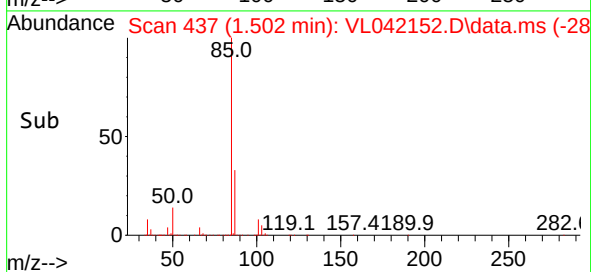
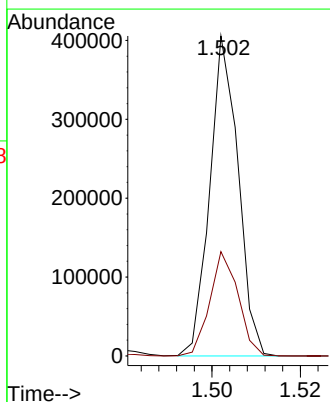
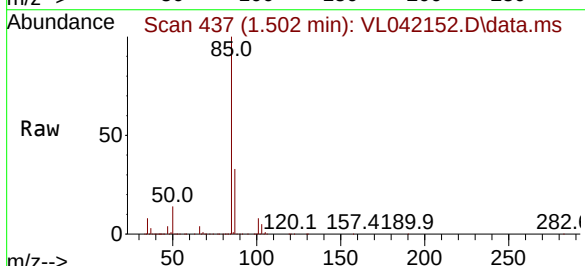
Manual Integrations
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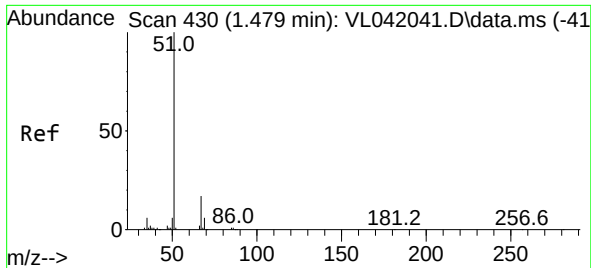
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#2
Dichlorodifluoromethane
Concen: 10.322 ppbv
RT: 1.502 min Scan# 437
Delta R.T. -0.000 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

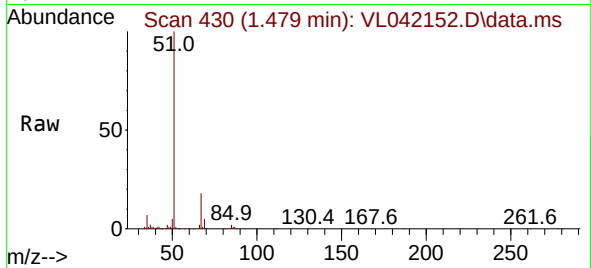
Tgt Ion: 85 Resp: 180681
Ion Ratio Lower Upper
85 100
87 32.6 26.4 39.6





#3
Chlorodifluoromethane
Concen: 8.980 ppbv
RT: 1.479 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

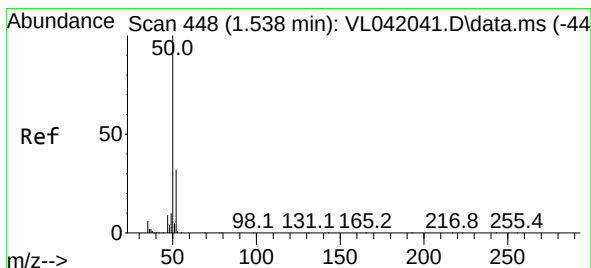
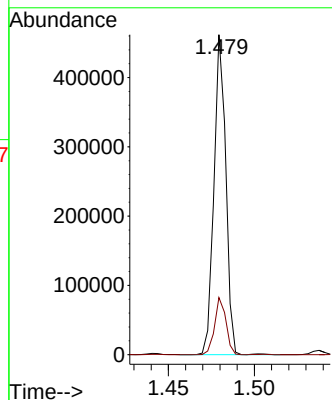
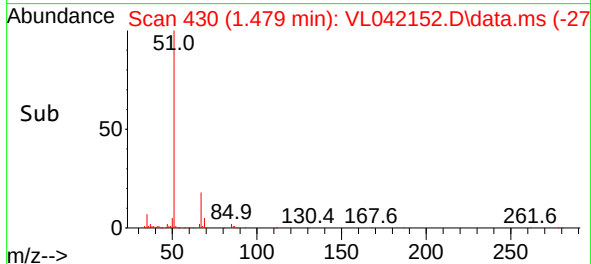
Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01



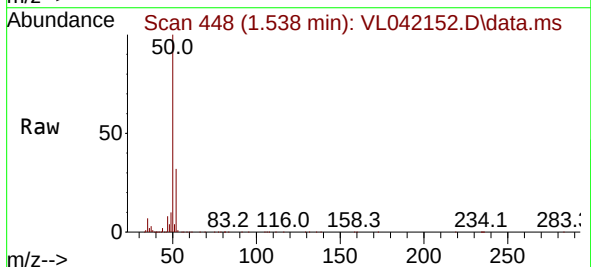
Tgt Ion: 51 Resp: 21970
Ion Ratio Lower Upper
51 100
67 17.2 13.7 20.5

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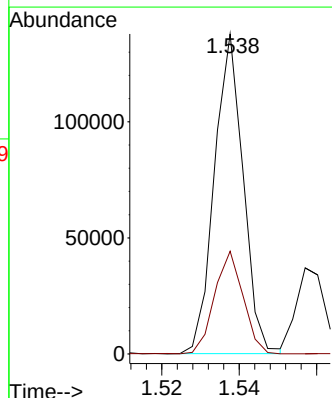
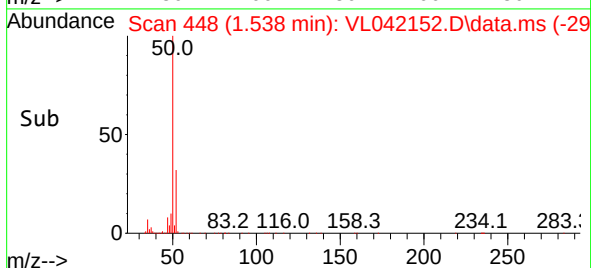
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

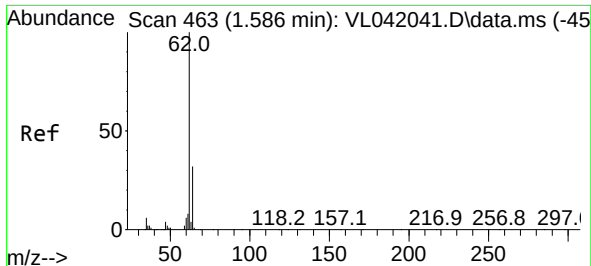


#4
Chloromethane
Concen: 10.989 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.000 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38



Tgt Ion: 50 Resp: 71134
Ion Ratio Lower Upper
50 100
52 32.1 25.4 38.0





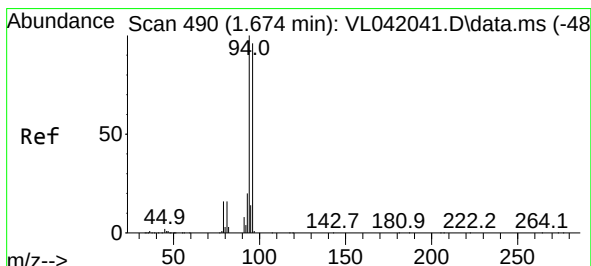
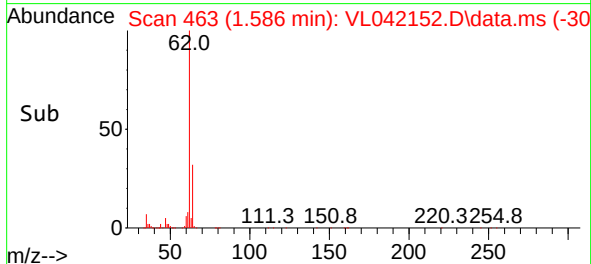
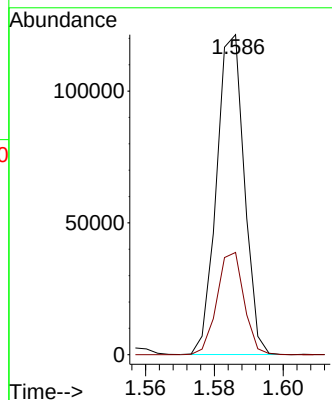
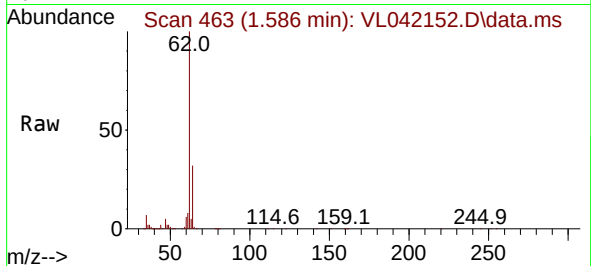
#5
 Vinyl Chloride
 Concen: 11.106 ppbv
 RT: 1.586 min Scan# 40
 Delta R.T. -0.000 min
 Lab File: VL042152.D
 Acq: 17 Mar 2025 11:38

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0317ABS01

Tgt Ion: 62 Resp: 6800
 Ion Ratio Lower Upper
 62 100
 64 32.0 25.3 37.9

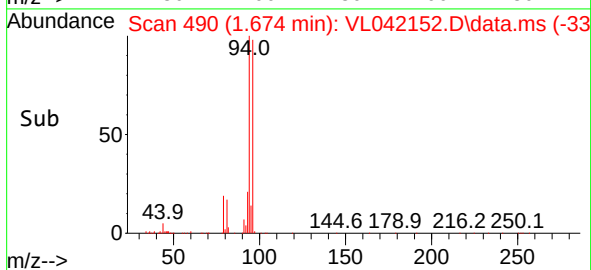
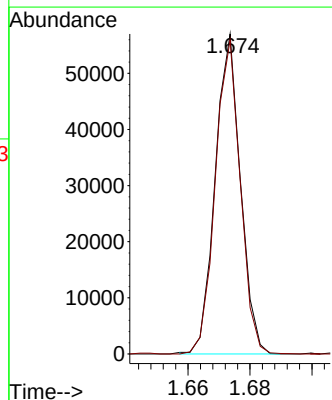
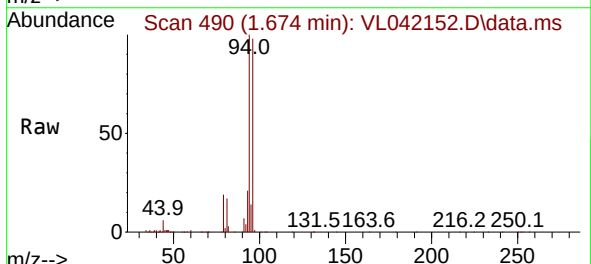
Manual Integrations
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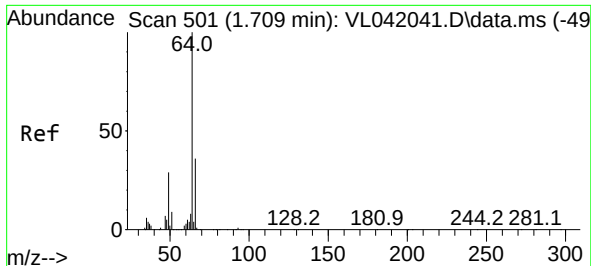
Reviewed By :Semsettin Yesilyurt 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#6
 Bromomethane
 Concen: 11.059 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. -0.000 min
 Lab File: VL042152.D
 Acq: 17 Mar 2025 11:38

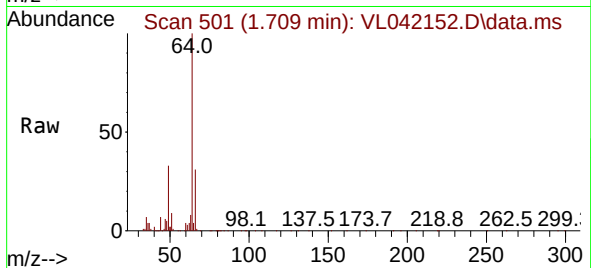
Tgt Ion: 94 Resp: 32244
 Ion Ratio Lower Upper
 94 100
 96 98.2 76.5 114.7





#7
Chloroethane
Concen: 10.682 ppbv
RT: 1.709 min Scan# 501
Delta R.T. -0.000 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

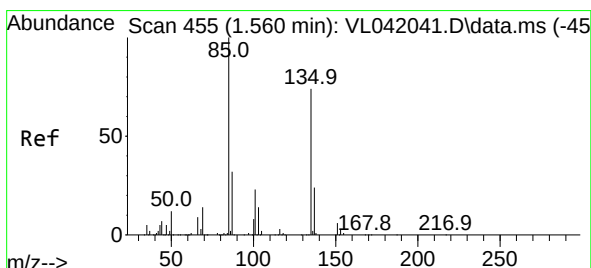
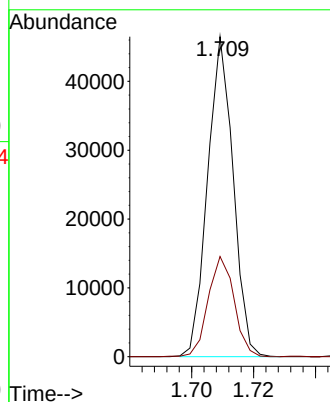
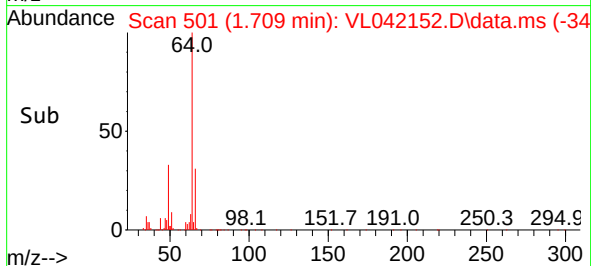
Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01



Tgt Ion: 64 Resp: 26579
Ion Ratio Lower Upper
64 100
66 31.3 28.4 42.6

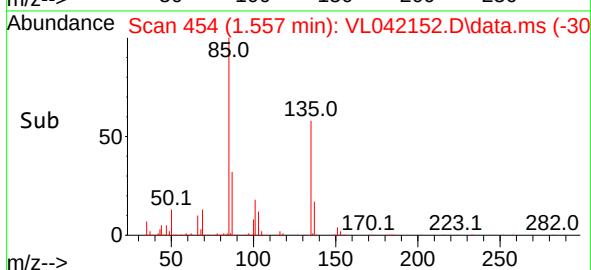
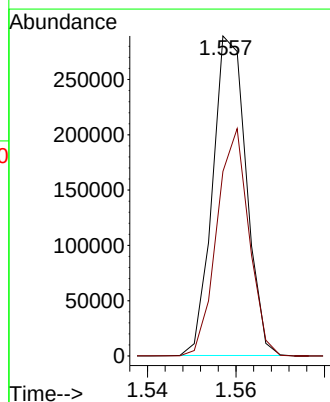
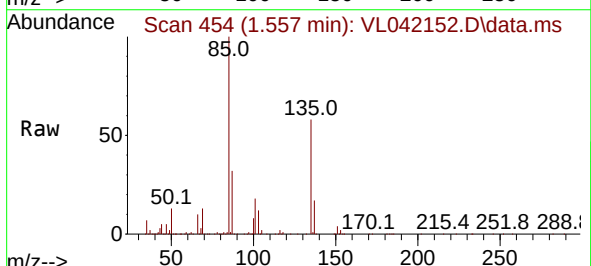
Manual Integrations
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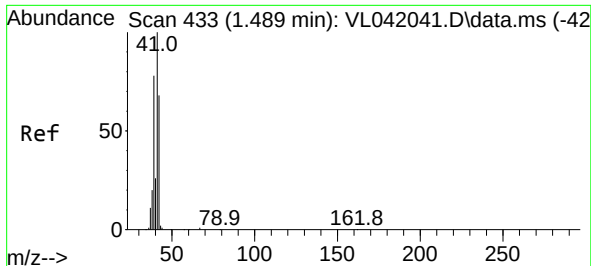
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#8
Dichlorotetrafluoroethane
Concen: 10.624 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.003 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

Tgt Ion: 85 Resp: 152871
Ion Ratio Lower Upper
85 100
135 67.8 54.6 81.8





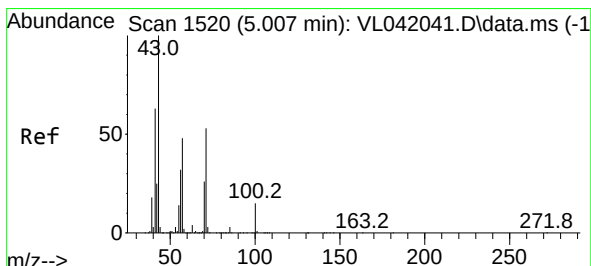
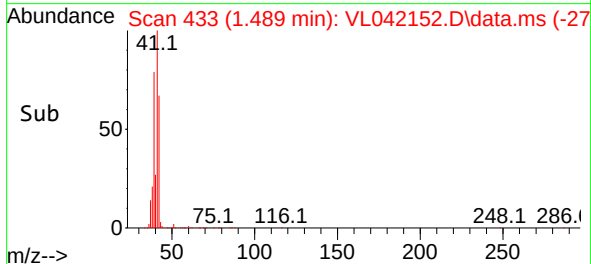
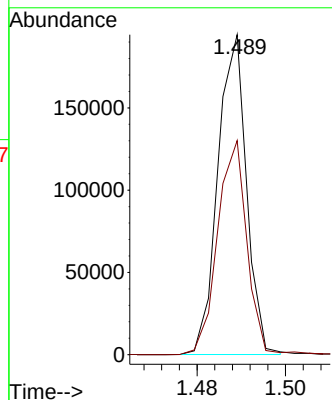
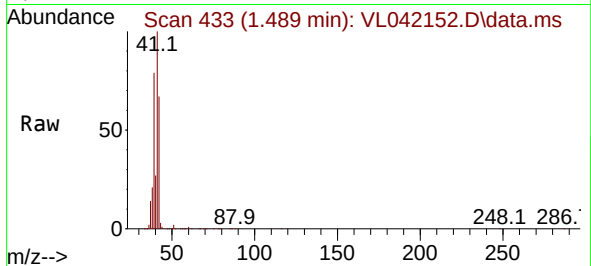
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Propene
Concen: 8.756 ppbv
RT: 1.489 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion: 41 Resp: 8726
Ion Ratio Lower Upper
41 100
42 69.2 55.8 83.6

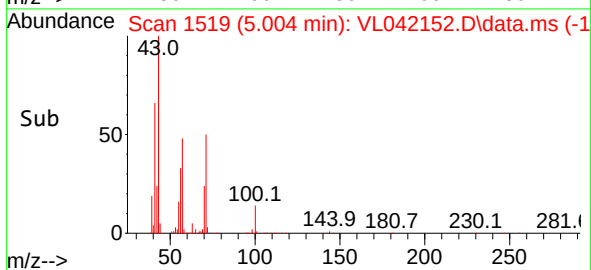
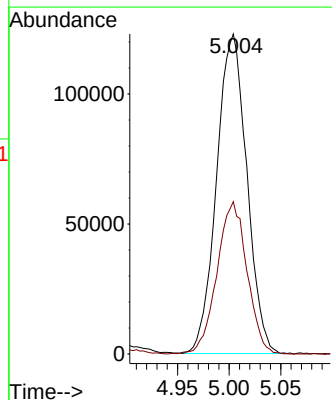
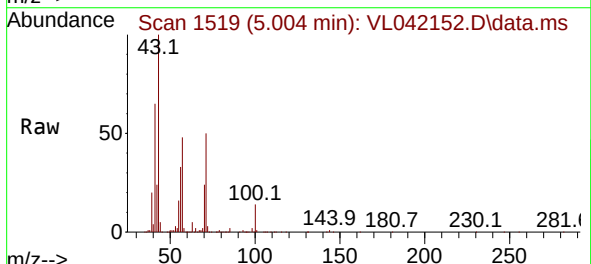
Manual Integrations
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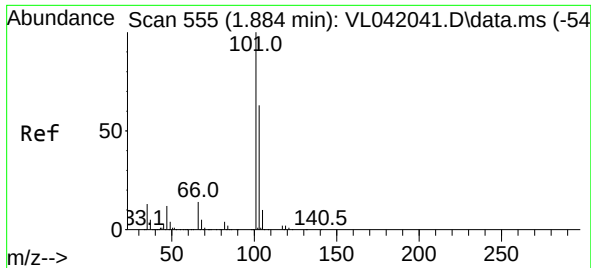
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#10
Heptane
Concen: 8.069 ppbv
RT: 5.004 min Scan# 1519
Delta R.T. -0.003 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

Tgt Ion: 43 Resp: 250401
Ion Ratio Lower Upper
43 100
57 47.2 39.4 59.0





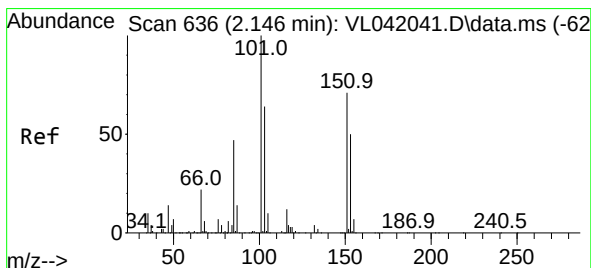
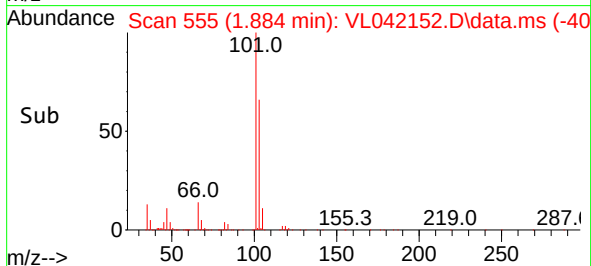
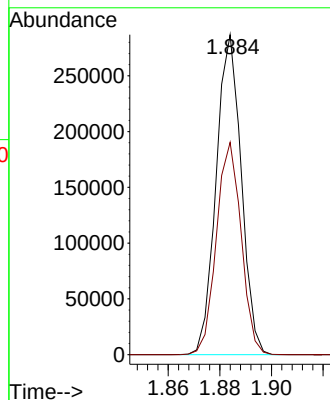
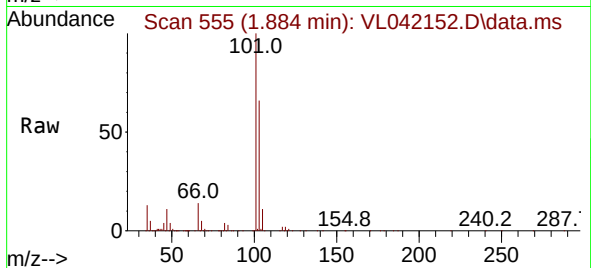
#11
 Trichlorofluoromethane
 Concen: 11.028 ppbv
 RT: 1.884 min Scan# 555
 Delta R.T. -0.000 min
 Lab File: VL042152.D
 Acq: 17 Mar 2025 11:38

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0317ABS01

Tgt Ion:101 Resp: 193415
 Ion Ratio Lower Upper
 101 100
 103 66.4 50.6 75.8

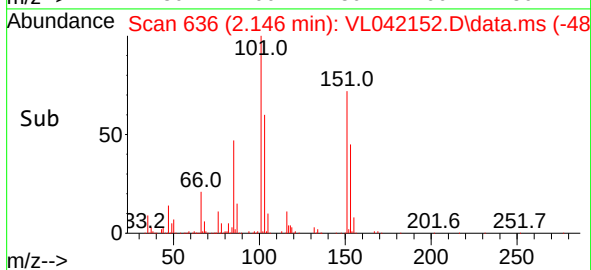
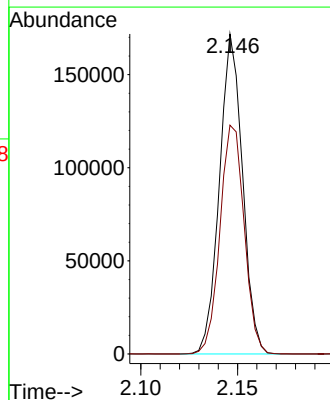
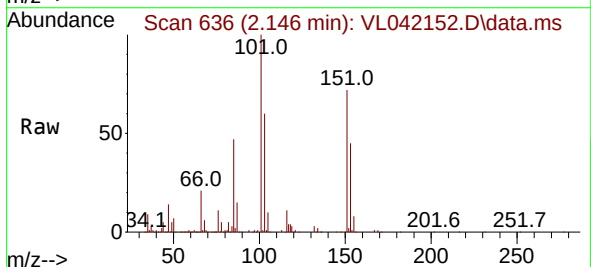
Manual Integrations
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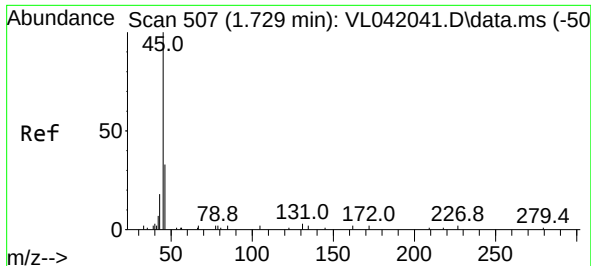
Reviewed By :Semsettin Yesilyurt 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.167 ppbv
 RT: 2.146 min Scan# 636
 Delta R.T. -0.000 min
 Lab File: VL042152.D
 Acq: 17 Mar 2025 11:38

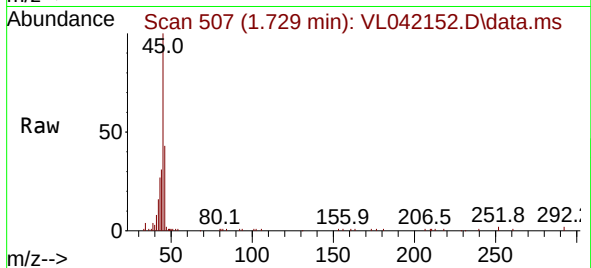
Tgt Ion:101 Resp: 142239
 Ion Ratio Lower Upper
 101 100
 151 75.1 62.6 94.0





#13
Ethanol
Concen: 10.414 ppbv
RT: 1.729 min Scan# 507
Delta R.T. -0.000 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

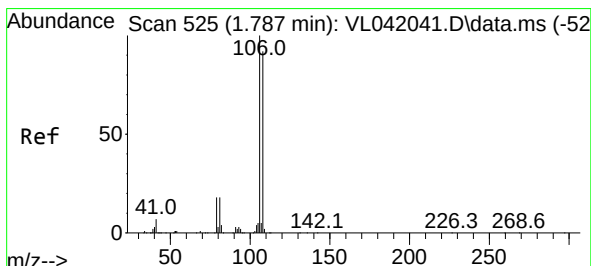
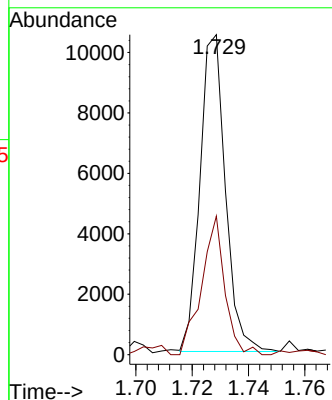
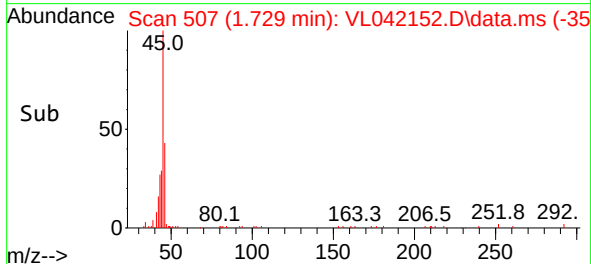
Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01



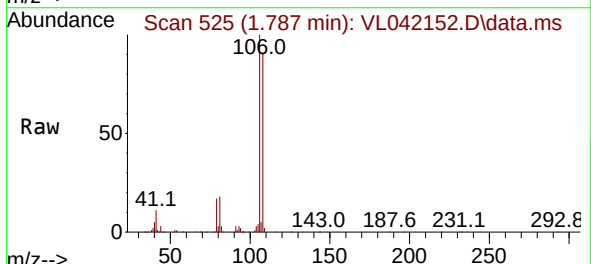
Tgt Ion: 45 Resp: 6589
Ion Ratio Lower Upper
45 100
46 43.0 17.1 68.3

Manual Integrations
APPROVED

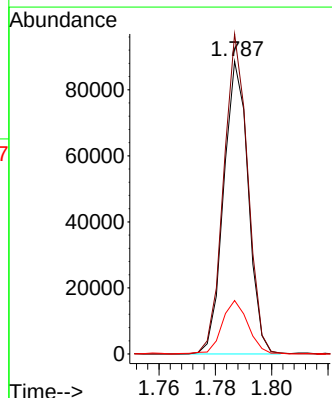
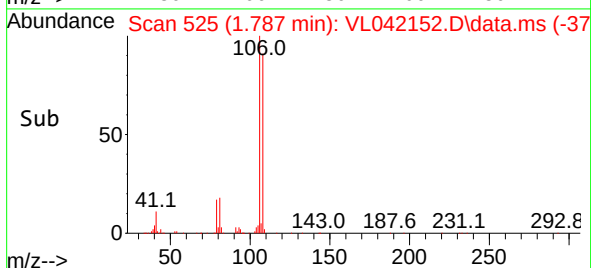
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

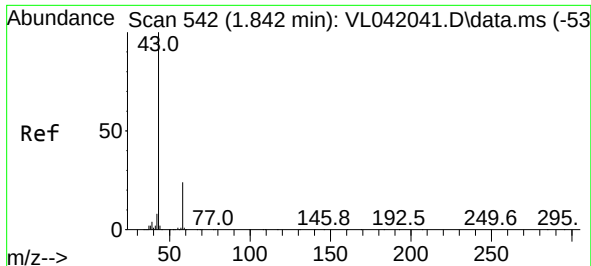


#14
Bromoethene
Concen: 10.866 ppbv
RT: 1.787 min Scan# 525
Delta R.T. -0.000 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38



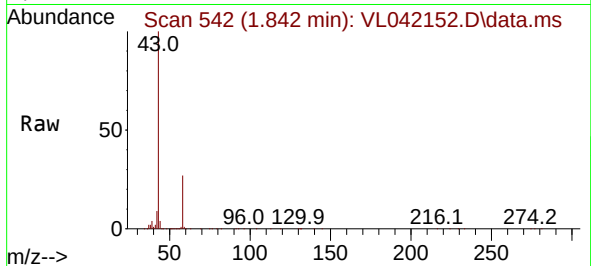
Tgt Ion:108 Resp: 53682
Ion Ratio Lower Upper
108 100
106 107.2 85.4 128.0
79 19.7 16.5 24.7





#15
Acetone
Concen: 10.342 ppbv
RT: 1.842 min Scan# 542
Delta R.T. -0.000 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

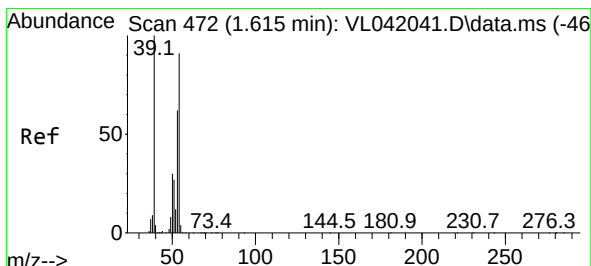
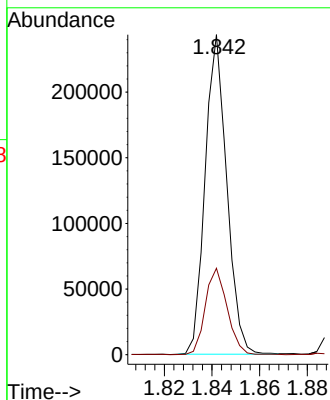
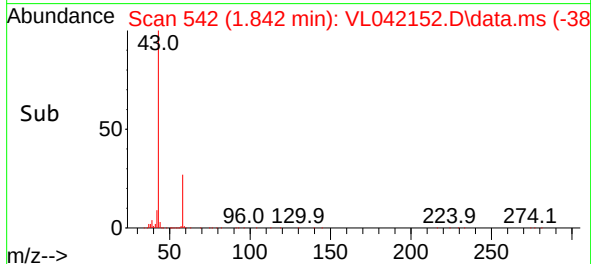
Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01



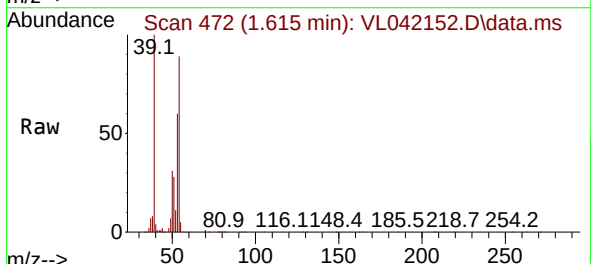
Tgt Ion: 43 Resp: 153734
Ion Ratio Lower Upper
43 100
58 27.5 20.7 31.1

Manual Integrations
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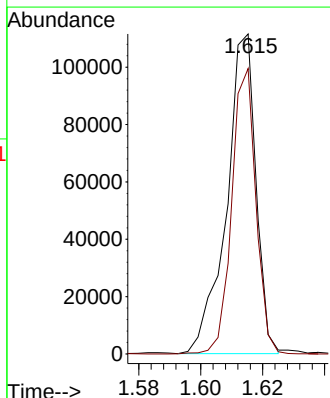
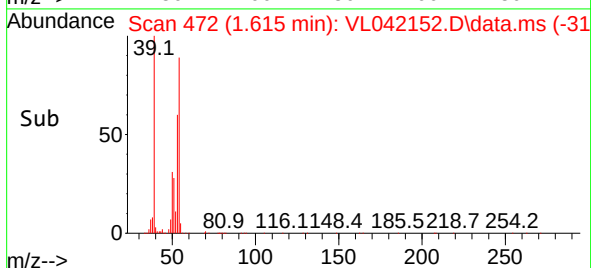
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

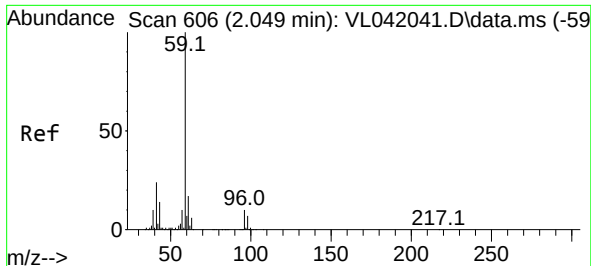


#16
1,3-Butadiene
Concen: 10.638 ppbv
RT: 1.615 min Scan# 472
Delta R.T. -0.000 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38



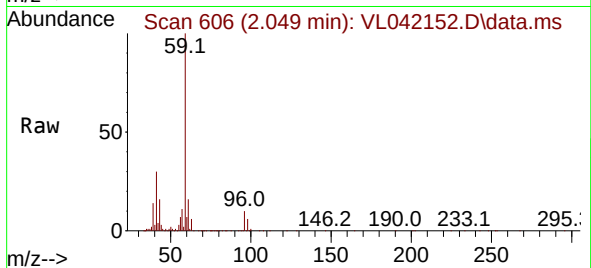
Tgt Ion: 39 Resp: 73596
Ion Ratio Lower Upper
39 100
54 73.4 59.6 89.4





#17
tert-Butyl alcohol
Concen: 9.081 ppbv
RT: 2.049 min Scan# 606
Delta R.T. -0.000 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

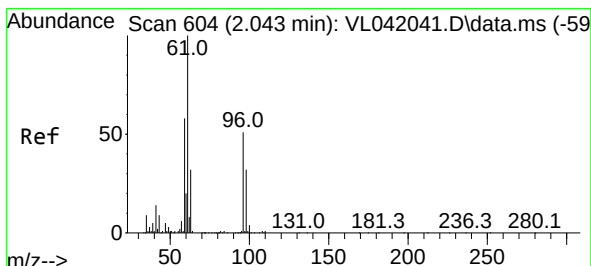
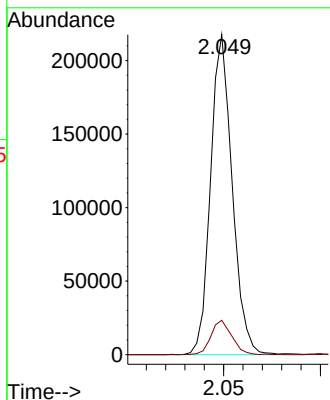
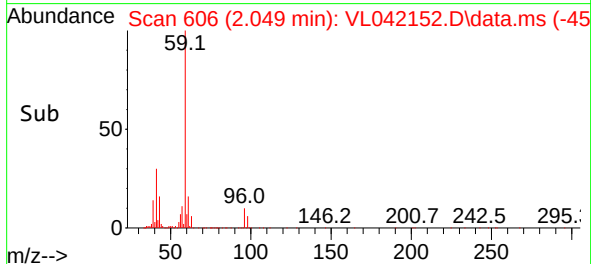
Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01



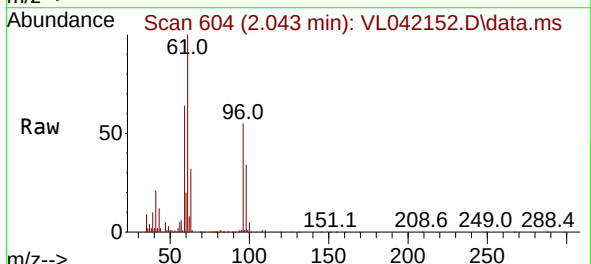
Tgt Ion: 59 Resp: 16888
Ion Ratio Lower Upper
59 100
57 10.4 9.3 13.9

Manual Integrations
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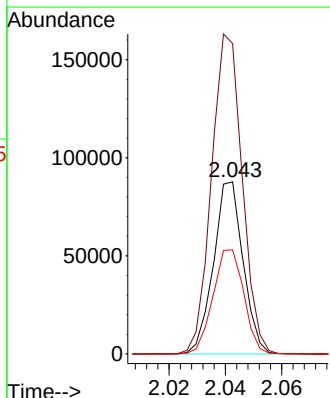
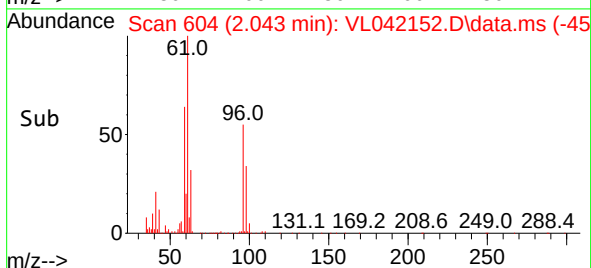
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

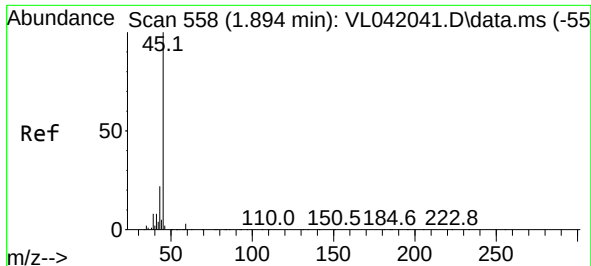


#18
1,1-Dichloroethene
Concen: 10.153 ppbv
RT: 2.043 min Scan# 604
Delta R.T. -0.000 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38



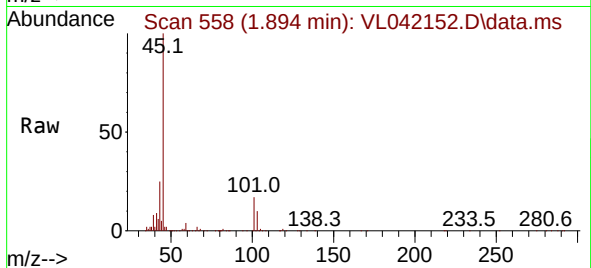
Tgt Ion: 96 Resp: 64186
Ion Ratio Lower Upper
96 100
61 180.1 156.0 234.0
98 60.4 49.4 74.2





#19
Isopropyl Alcohol
Concen: 10.200 ppbv
RT: 1.894 min Scan# 558
Delta R.T. -0.000 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

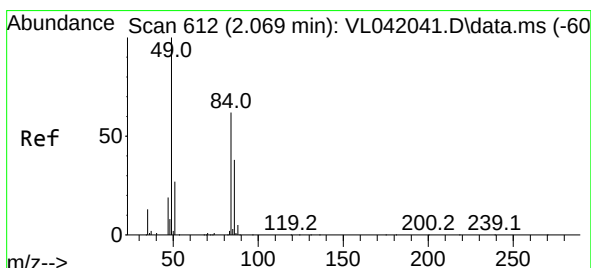
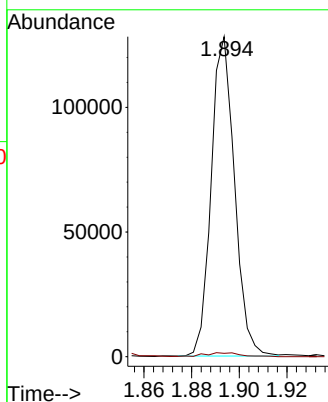
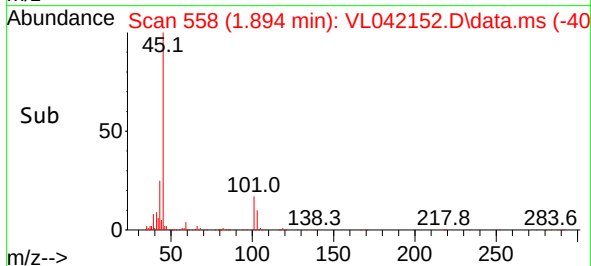
Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01



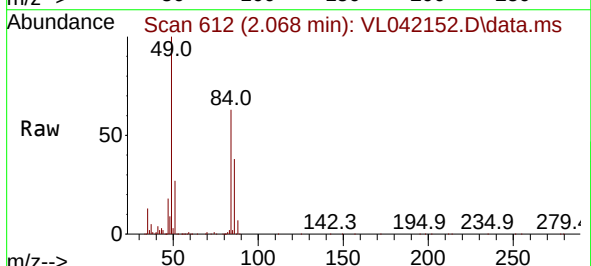
Tgt Ion: 45 Resp: 8710
Ion Ratio Lower Upper
45 100
58 48.5 35.3 52.9

Manual Integrations
APPROVED

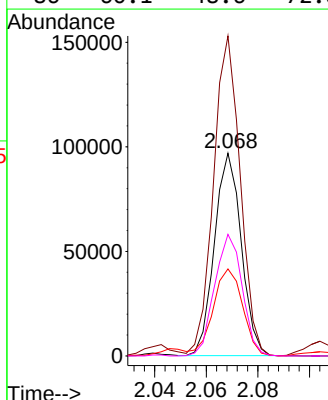
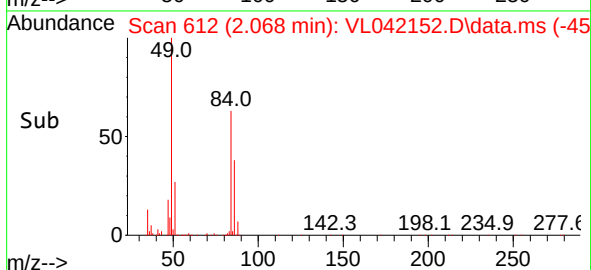
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

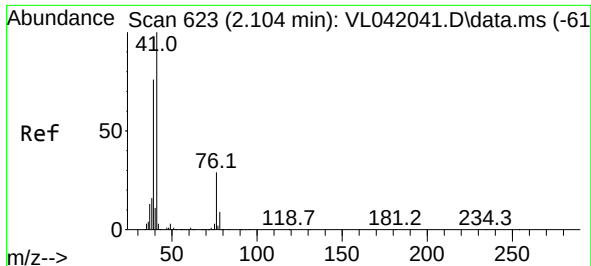


#20
Methylene Chloride
Concen: 12.426 ppbv
RT: 2.068 min Scan# 612
Delta R.T. -0.000 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38



Tgt Ion: 84 Resp: 69871
Ion Ratio Lower Upper
84 100
49 158.1 130.0 195.0
51 42.9 37.4 56.0
86 60.1 48.6 72.8





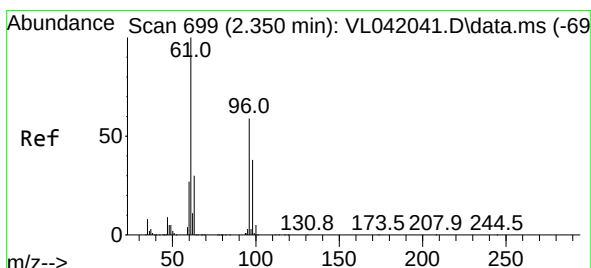
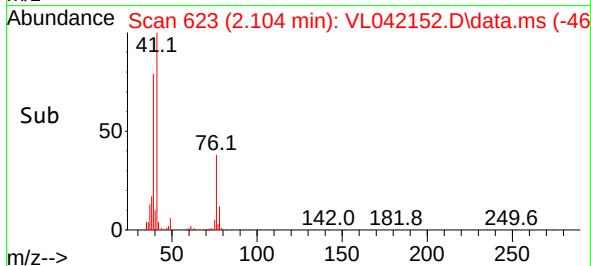
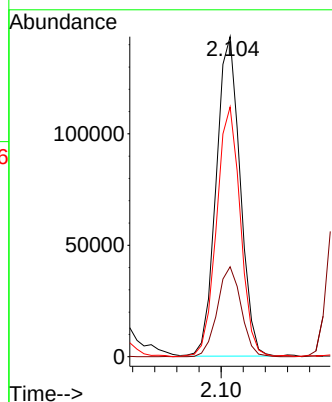
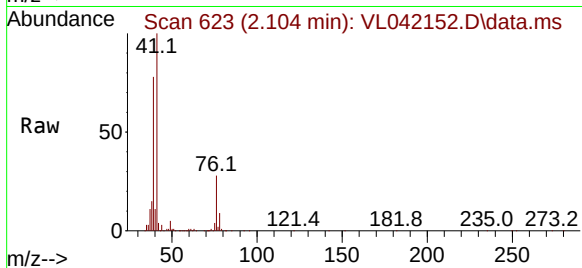
#21
 Allyl Chloride
 Concen: 10.020 ppbv
 RT: 2.104 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL042152.D
 Acq: 17 Mar 2025 11:38

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0317ABS01

Tgt Ion: 41 Resp: 107619
 Ion Ratio Lower Upper
 41 100
 76 28.0 23.8 35.6
 39 77.4 63.8 95.6

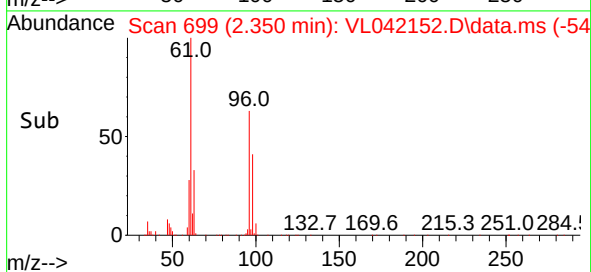
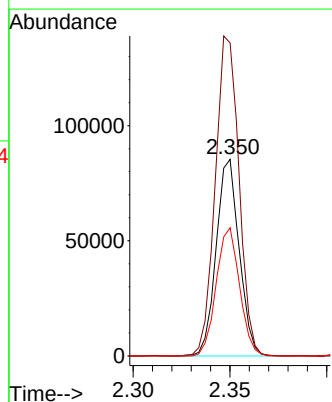
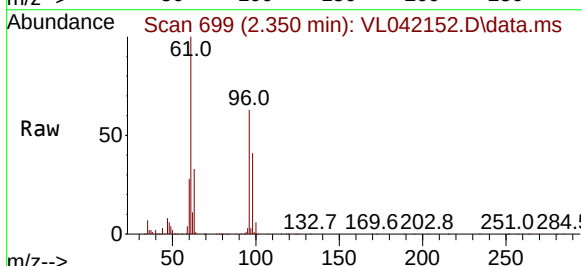
Manual Integrations
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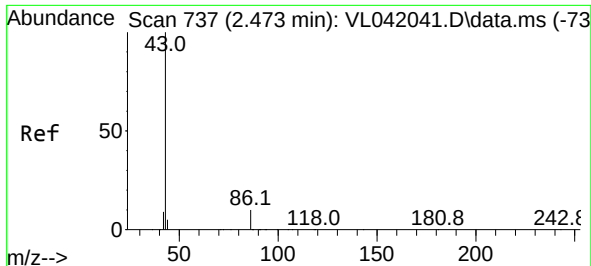
Reviewed By :Semsettin Yesilyurt 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#22
 trans-1,2-Dichloroethene
 Concen: 9.562 ppbv
 RT: 2.350 min Scan# 699
 Delta R.T. -0.000 min
 Lab File: VL042152.D
 Acq: 17 Mar 2025 11:38

Tgt Ion: 96 Resp: 70469
 Ion Ratio Lower Upper
 96 100
 61 159.1 136.6 205.0
 98 65.1 51.8 77.6





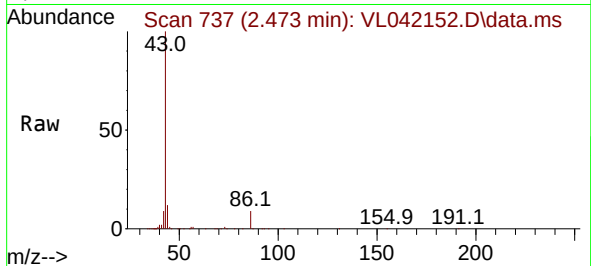
#23
 Vinyl Acetate
 Concen: 8.235 ppbv
 RT: 2.473 min Scan# 737
 Delta R.T. -0.000 min
 Lab File: VL042152.D
 Acq: 17 Mar 2025 11:38

Instrument :

MSVOA_L

ClientSampleId :

VL0317ABS01

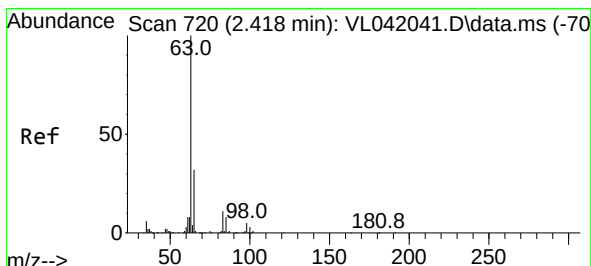
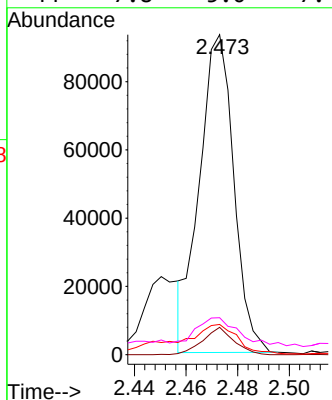
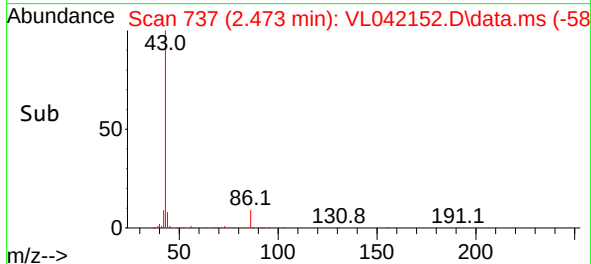


Tgt Ion: 43 Resp: 86073
 Ion Ratio Lower Upper
 43 100
 86 8.6 7.0 10.4
 42 9.0 7.6 11.4
 44 7.8 5.0 7.4#

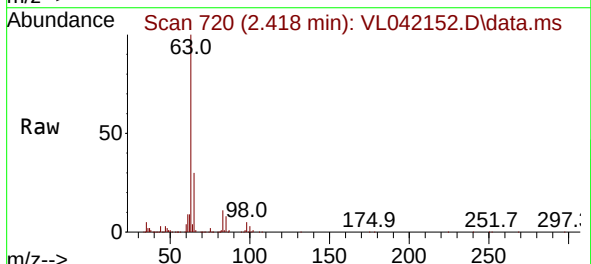
Manual Integrations

APPROVED

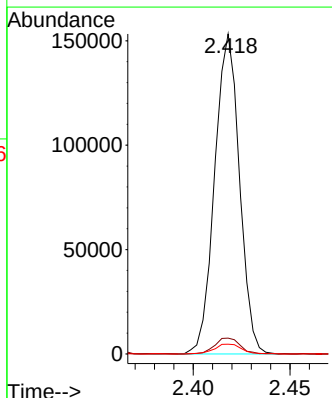
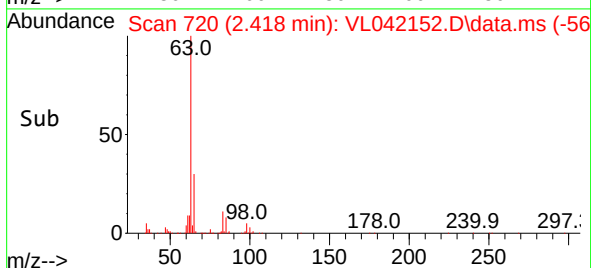
Reviewed By :Semsettin Yesilyurt 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025

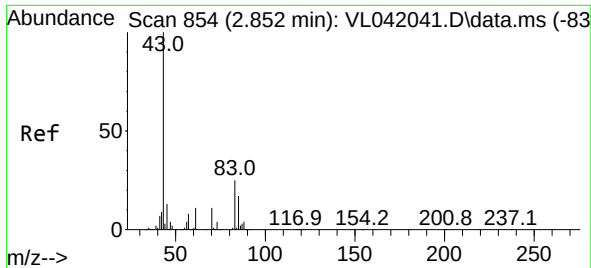


#24
 1,1-Dichloroethane
 Concen: 9.951 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. -0.000 min
 Lab File: VL042152.D
 Acq: 17 Mar 2025 11:38



Tgt Ion: 63 Resp: 136457
 Ion Ratio Lower Upper
 63 100
 98 5.0 2.4 7.2
 100 3.0 1.7 5.0





#25
Ethyl Acetate
Concen: 8.777 ppbv
RT: 2.848 min Scan# 848
Delta R.T. -0.003 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

Instrument :

MSVOA_L

ClientSampleId :

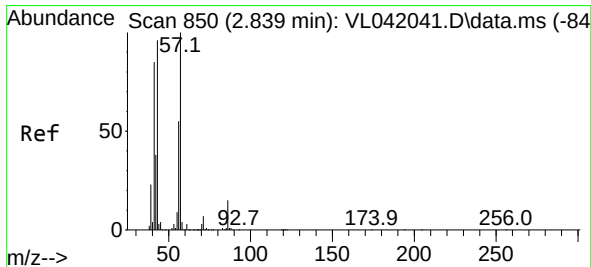
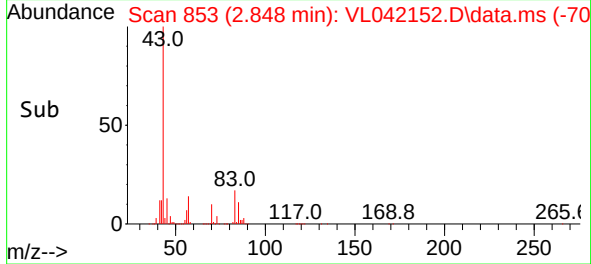
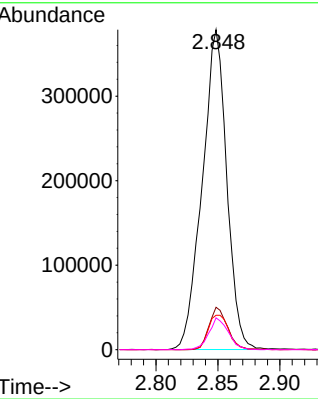
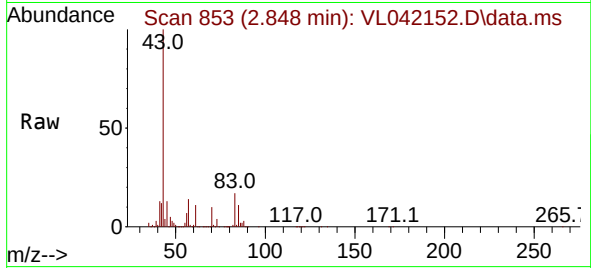
VL0317ABS01

Tgt Ion: 43 Resp: 52227
Ion Ratio Lower Upper
43 100
45 10.1 8.1 12.1
61 9.2 7.2 10.8
70 7.9 6.7 10.1

Manual Integrations

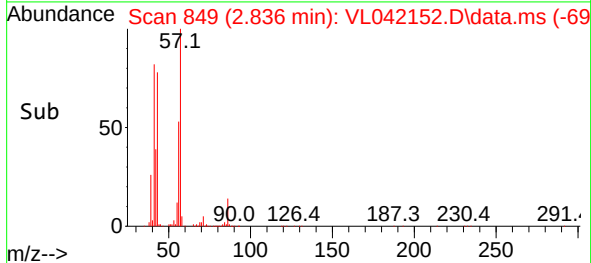
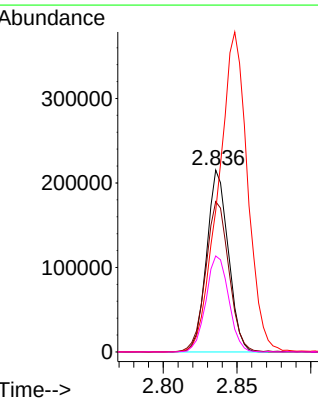
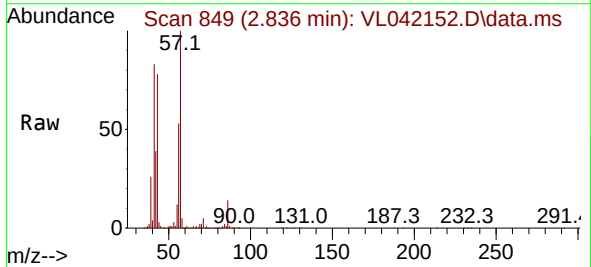
APPROVED

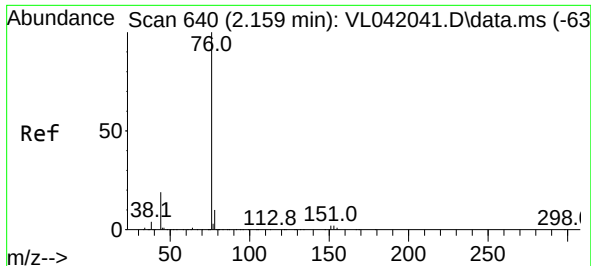
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#26
Hexane
Concen: 9.143 ppbv
RT: 2.836 min Scan# 849
Delta R.T. -0.003 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

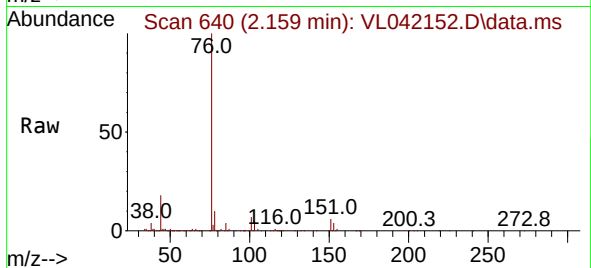
Tgt Ion: 57 Resp: 219929
Ion Ratio Lower Upper
57 100
41 89.7 70.6 106.0
43 238.2 199.4 299.0
56 55.6 42.6 64.0





#27
Carbon Disulfide
Concen: 10.470 ppbv
RT: 2.159 min Scan# 640
Delta R.T. -0.000 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

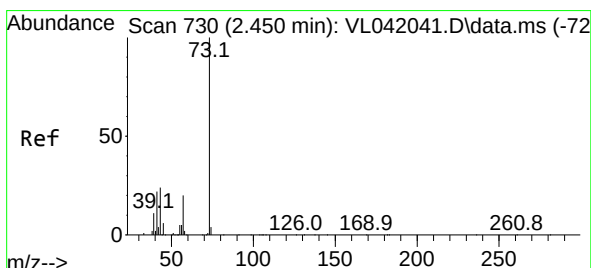
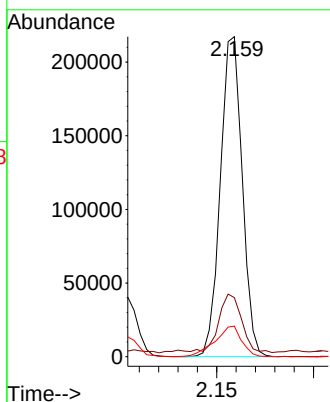
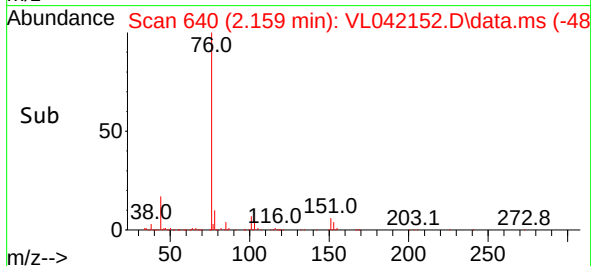
Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01



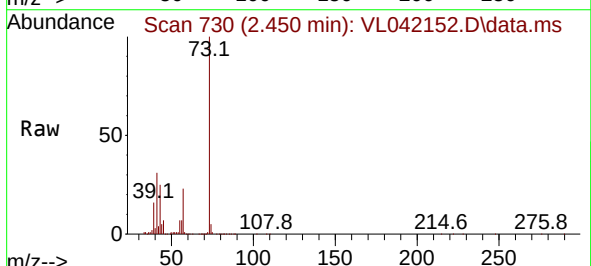
Tgt Ion: 76 Resp: 170724
Ion Ratio Lower Upper
76 100
44 18.4 16.2 24.2
78 11.8 9.4 14.0

Manual Integrations
APPROVED

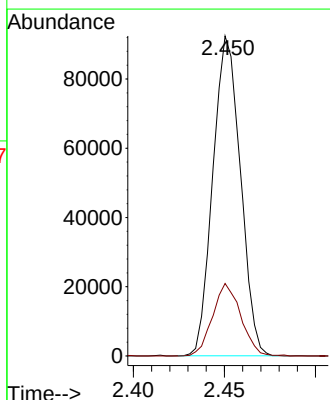
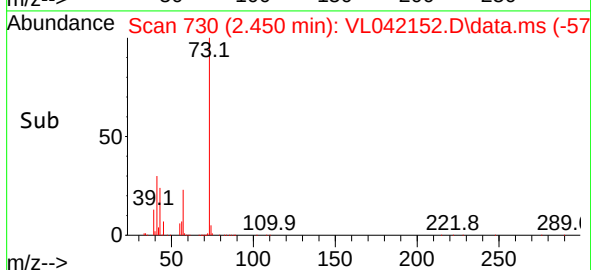
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

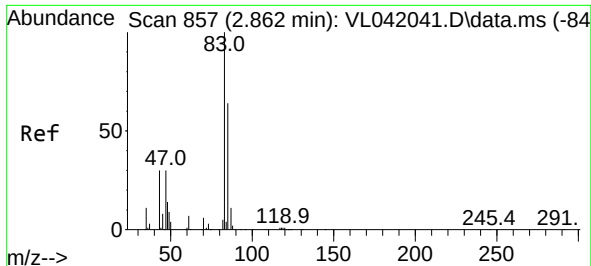


#28
Methyl tert-Butyl Ether
Concen: 8.099 ppbv
RT: 2.450 min Scan# 730
Delta R.T. -0.000 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38



Tgt Ion: 73 Resp: 96989
Ion Ratio Lower Upper
73 100
57 23.3 17.7 26.5





#29

Chloroform

Concen: 8.627 ppbv

RT: 2.861 min Scan# 8

Delta R.T. -0.000 min

Lab File: VL042152.D

Acq: 17 Mar 2025 11:38

Instrument :

MSVOA_L

ClientSampleId :

VL0317ABS01

Tgt Ion: 83 Resp: 279310

Ion Ratio Lower Upper

83 100

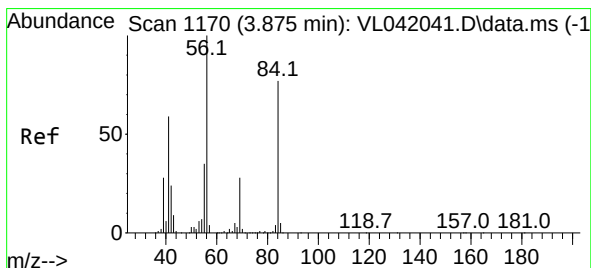
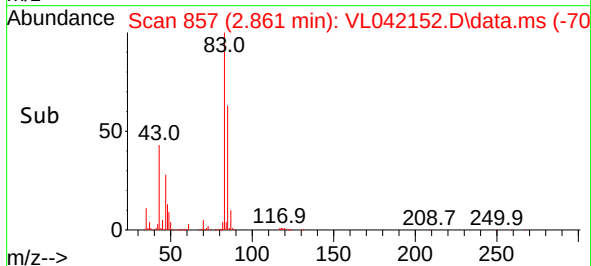
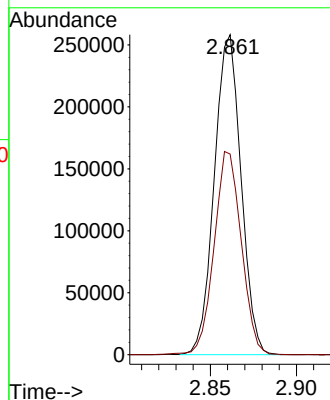
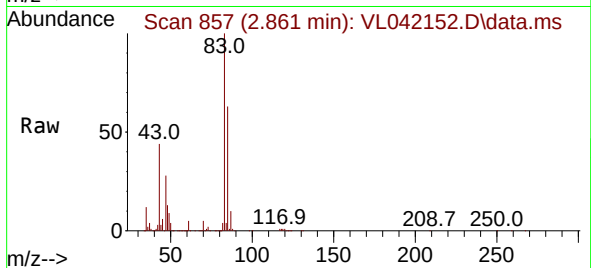
85 62.6 51.2 76.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#30

Cyclohexane

Concen: 7.854 ppbv

RT: 3.871 min Scan# 1169

Delta R.T. -0.003 min

Lab File: VL042152.D

Acq: 17 Mar 2025 11:38

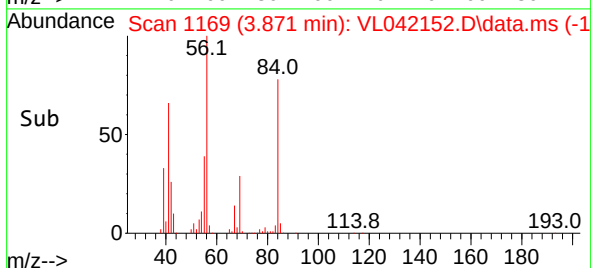
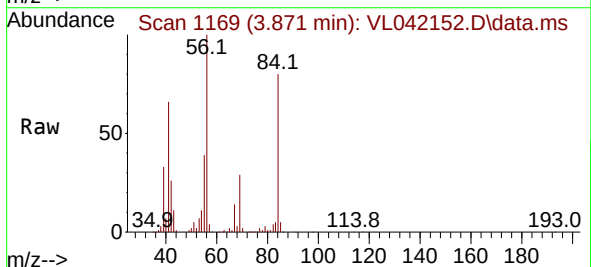
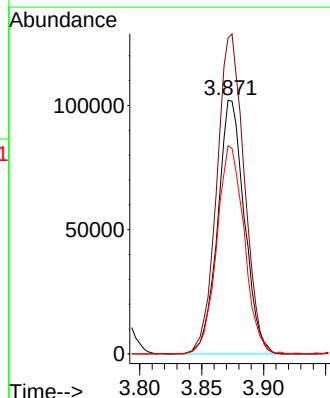
Tgt Ion: 84 Resp: 153350

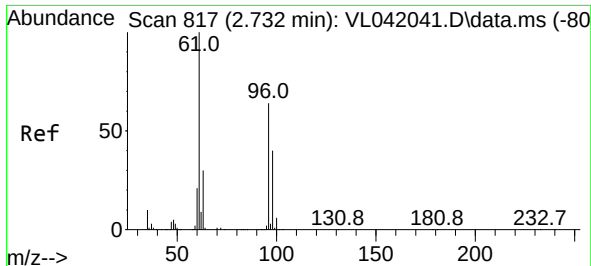
Ion Ratio Lower Upper

84 100

56 129.1 101.5 152.3

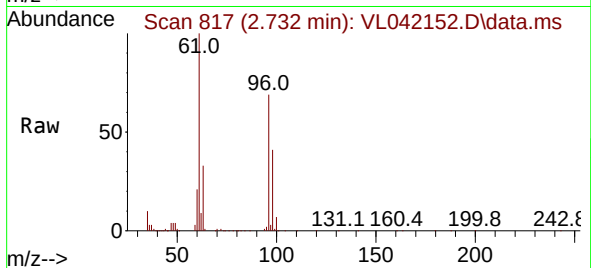
41 84.8 62.6 93.8





#31
 cis-1,2-Dichloroethene
 Concen: 7.685 ppbv
 RT: 2.732 min Scan# 817
 Delta R.T. -0.000 min
 Lab File: VL042152.D
 Acq: 17 Mar 2025 11:38

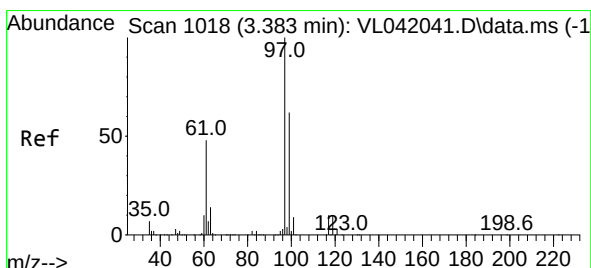
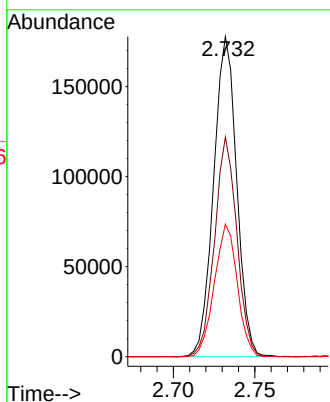
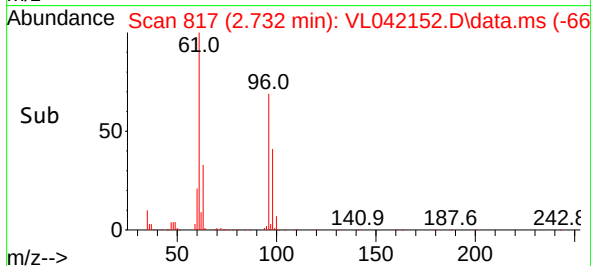
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0317ABS01



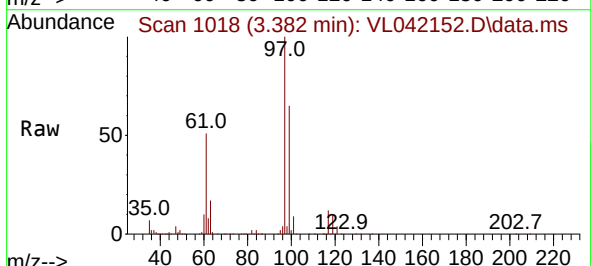
Tgt Ion: 61 Resp: 175000
 Ion Ratio Lower Upper
 61 100
 96 68.6 51.5 77.3
 98 41.5 32.0 48.0

Manual Integrations
 APPROVED

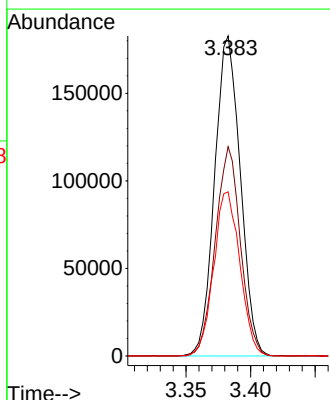
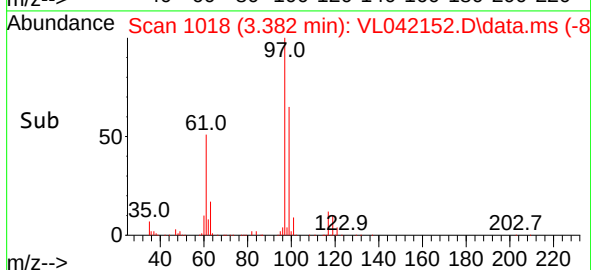
Reviewed By :Semsettin Yesilyurt 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025

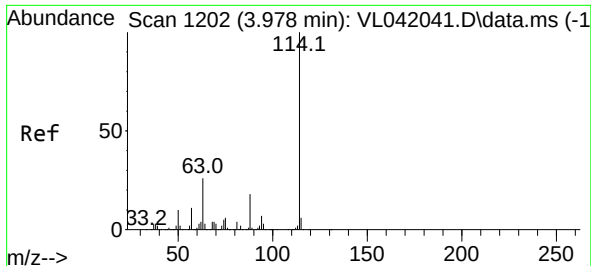


#32
 1,1,1-Trichloroethane
 Concen: 8.044 ppbv
 RT: 3.382 min Scan# 1018
 Delta R.T. -0.000 min
 Lab File: VL042152.D
 Acq: 17 Mar 2025 11:38



Tgt Ion: 97 Resp: 252623
 Ion Ratio Lower Upper
 97 100
 99 63.8 49.8 74.6
 61 52.4 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.975 min Scan# 114

Delta R.T. -0.003 min

Lab File: VL042152.D

Acq: 17 Mar 2025 11:38

Instrument :

MSVOA_L

ClientSampleId :

VL0317ABS01

Tgt Ion:114 Resp: 40550

Ion Ratio Lower Upper

114 100

63 24.7 20.1 30.1

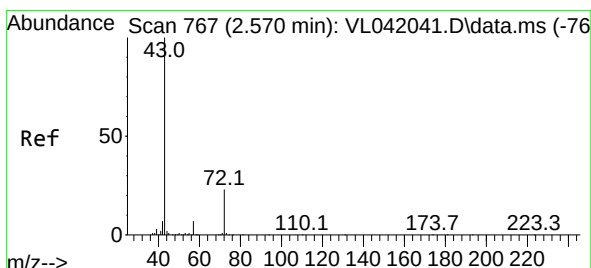
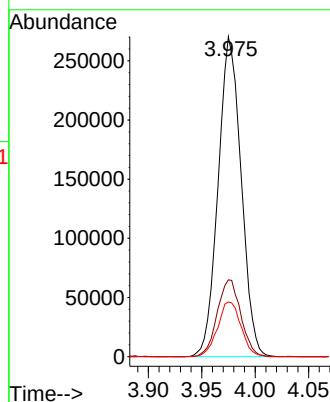
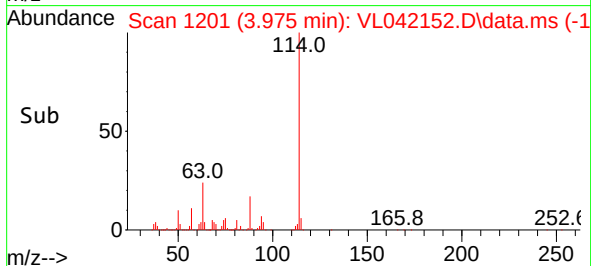
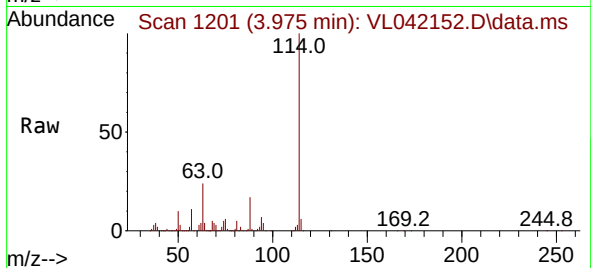
88 17.4 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#34

2-Butanone

Concen: 9.036 ppbv

RT: 2.567 min Scan# 766

Delta R.T. -0.003 min

Lab File: VL042152.D

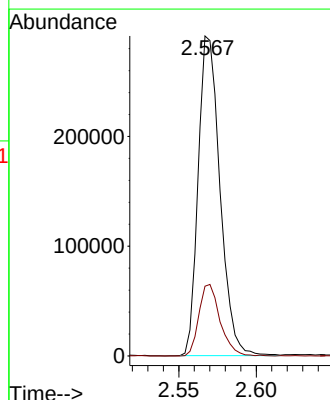
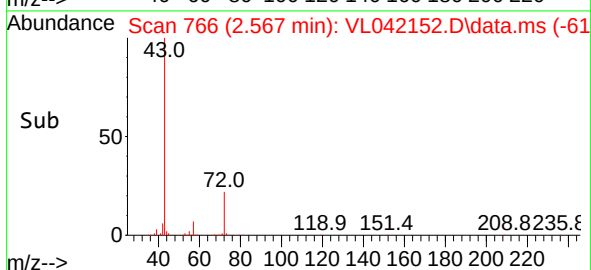
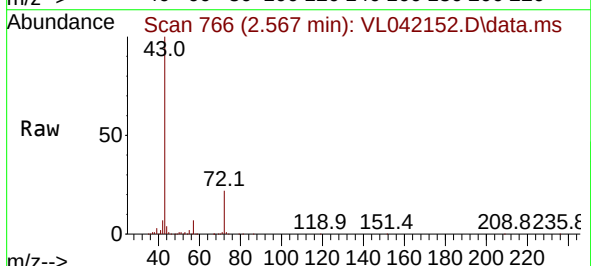
Acq: 17 Mar 2025 11:38

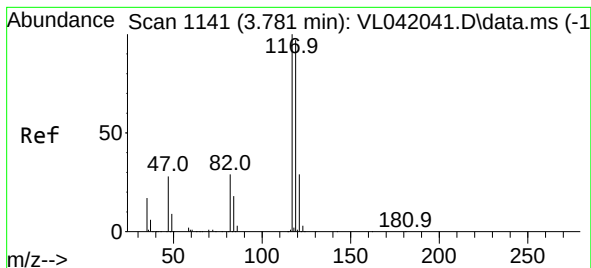
Tgt Ion: 43 Resp: 285475

Ion Ratio Lower Upper

43 100

72 21.9 18.5 27.7





#35

Carbon Tetrachloride

Concen: 9.416 ppbv

RT: 3.777 min Scan# 1140

Delta R.T. -0.003 min

Lab File: VL042152.D

Acq: 17 Mar 2025 11:38

Instrument :

MSVOA_L

ClientSampleId :

VL0317ABS01

Tgt Ion:117 Resp: 263308

Ion Ratio Lower Upper

117 100

119 93.7 77.8 116.8

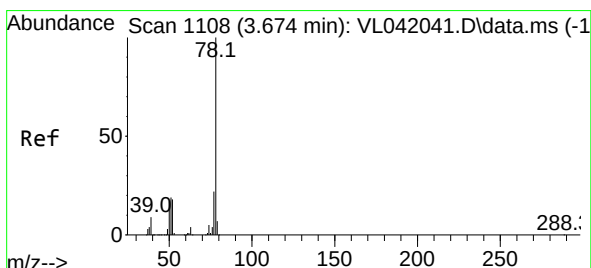
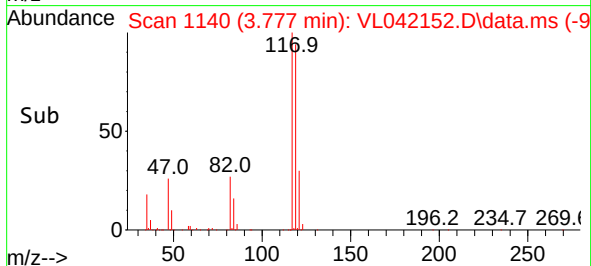
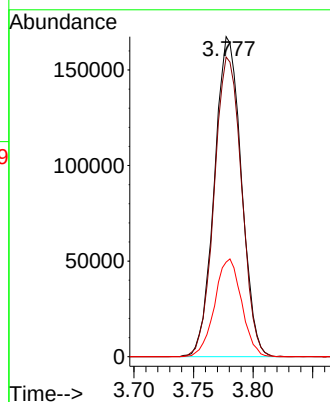
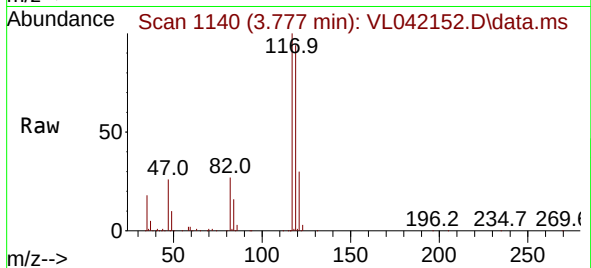
121 29.6 23.4 35.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#36

Benzene

Concen: 8.687 ppbv

RT: 3.671 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VL042152.D

Acq: 17 Mar 2025 11:38

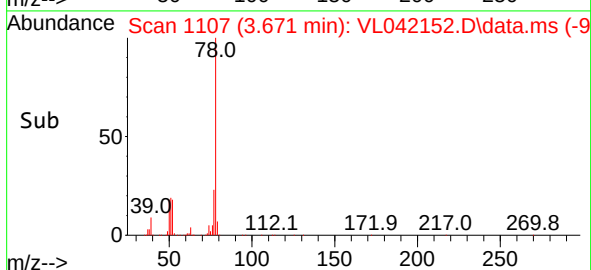
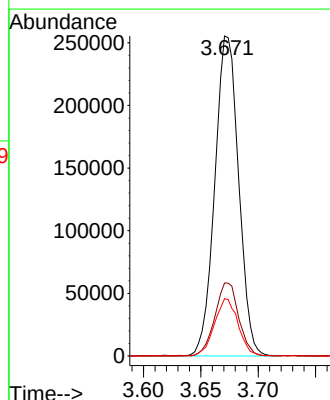
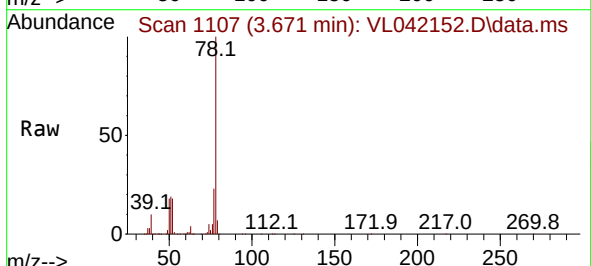
Tgt Ion: 78 Resp: 368780

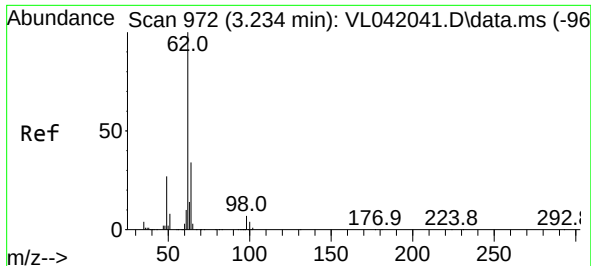
Ion Ratio Lower Upper

78 100

77 22.7 17.7 26.5

50 17.9 13.9 20.9





#37

1,2-Dichloroethane

Concen: 8.744 ppbv

RT: 3.230 min Scan# 91

Delta R.T. -0.003 min

Lab File: VL042152.D

Acq: 17 Mar 2025 11:38

Instrument :

MSVOA_L

ClientSampleId :

VL0317ABS01

Tgt Ion: 62 Resp: 20580

Ion Ratio Lower Upper

62 100

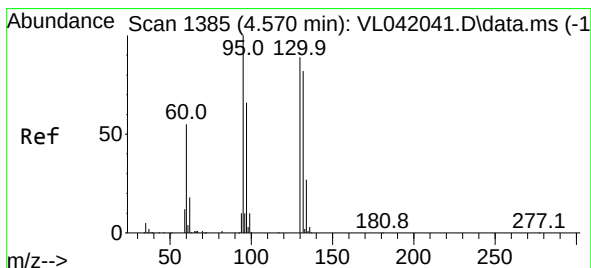
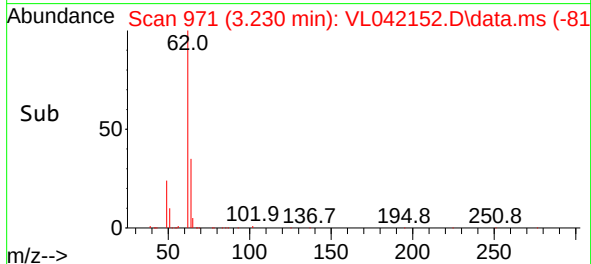
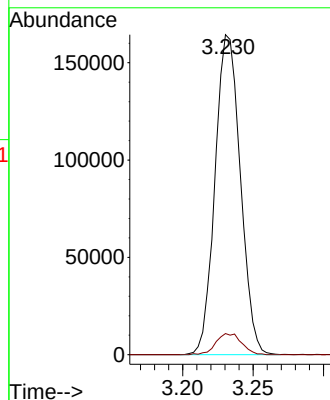
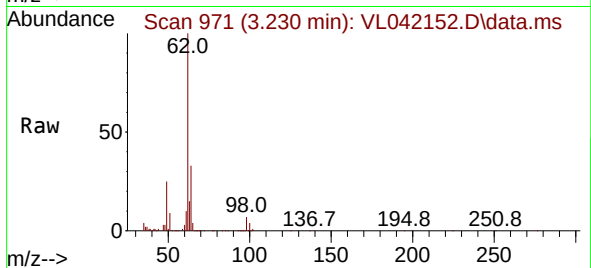
98 6.7 5.7 8.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#38

Trichloroethene

Concen: 8.140 ppbv

RT: 4.570 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VL042152.D

Acq: 17 Mar 2025 11:38

Tgt Ion:130 Resp: 141107

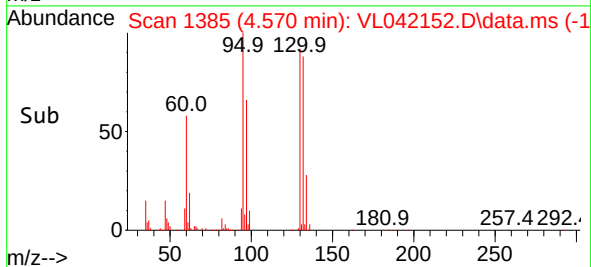
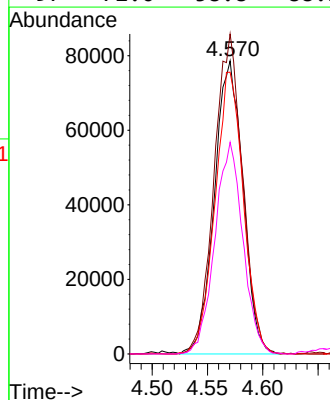
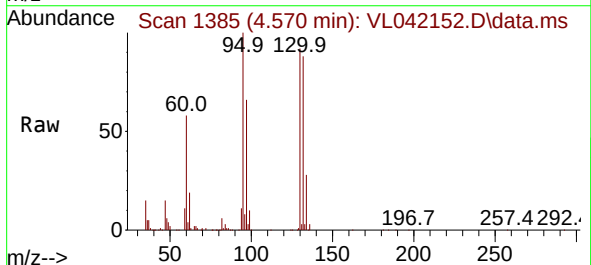
Ion Ratio Lower Upper

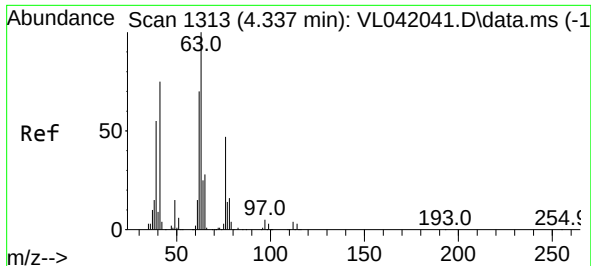
130 100

95 109.1 89.5 134.3

132 96.1 73.8 110.6

97 72.0 58.8 88.2





#39

1,2-Dichloropropane

Concen: 8.583 ppbv

RT: 4.334 min Scan# 1312

Delta R.T. -0.003 min

Lab File: VL042152.D

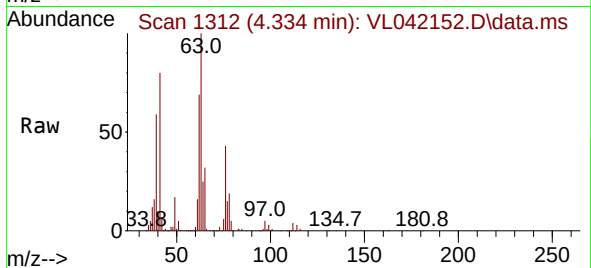
Acq: 17 Mar 2025 11:38

Instrument :

MSVOA_L

ClientSampleId :

VL0317ABS01

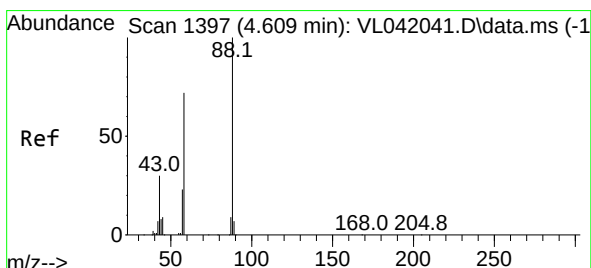
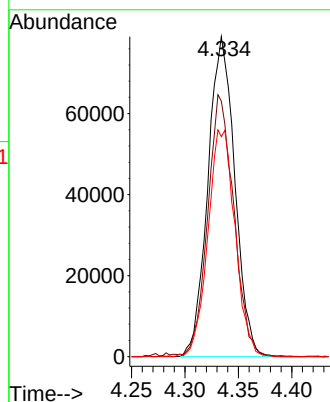
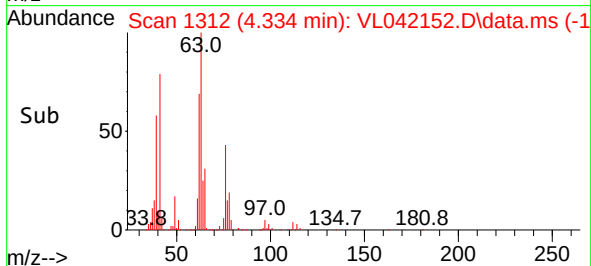


Tgt Ion:	63	Resp:	13828
Ion	Ratio	Lower	Upper
63	100		
41	79.5	60.1	90.1
62	68.8	55.8	83.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#40

1,4-Dioxane

Concen: 8.528 ppbv

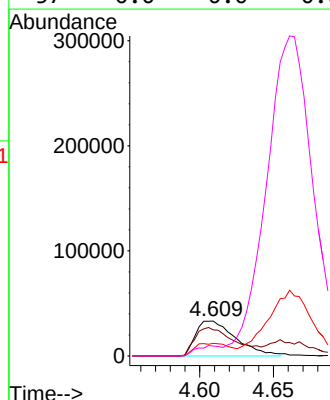
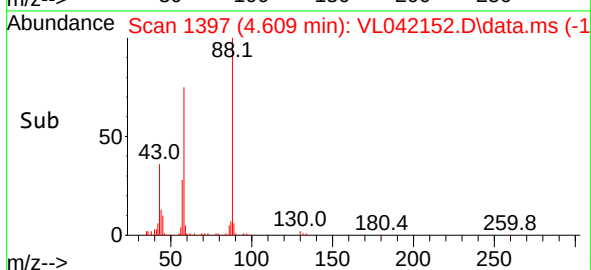
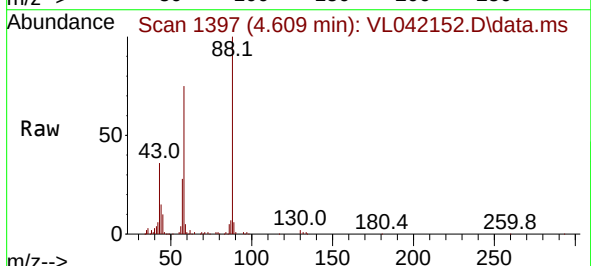
RT: 4.609 min Scan# 1397

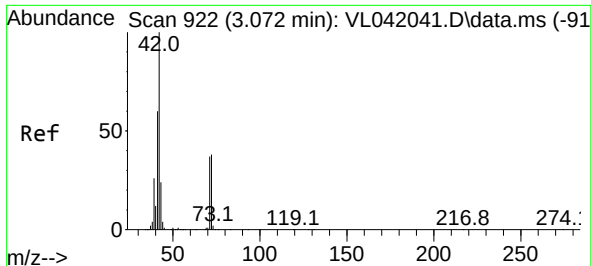
Delta R.T. -0.000 min

Lab File: VL042152.D

Acq: 17 Mar 2025 11:38

Tgt Ion:	88	Resp:	62727
Ion	Ratio	Lower	Upper
88	100		
58	80.2	62.6	94.0
43	35.9	0.0	0.0#
57	0.0	0.0	0.0





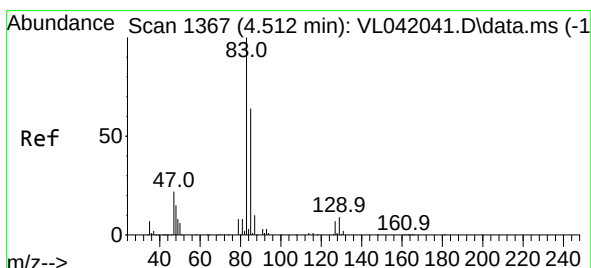
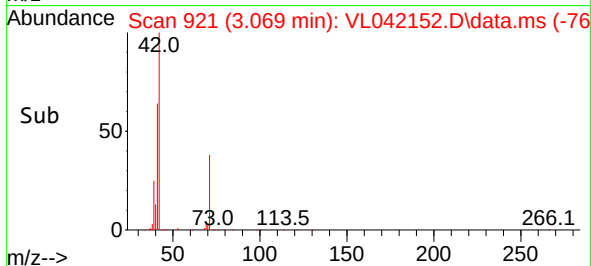
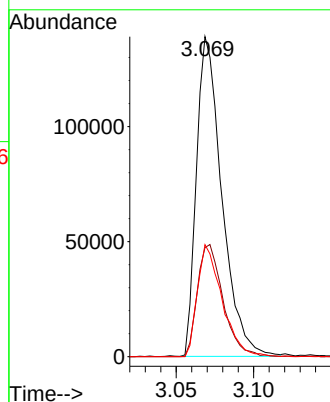
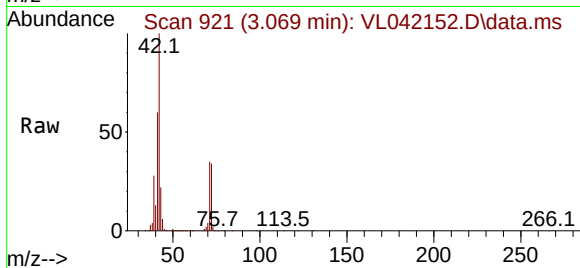
#41
Tetrahydrofuran
Concen: 8.504 ppbv
RT: 3.069 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion: 42 Resp: 15873
Ion Ratio Lower Upper
42 100
72 35.5 30.2 45.2
71 34.1 28.2 42.4

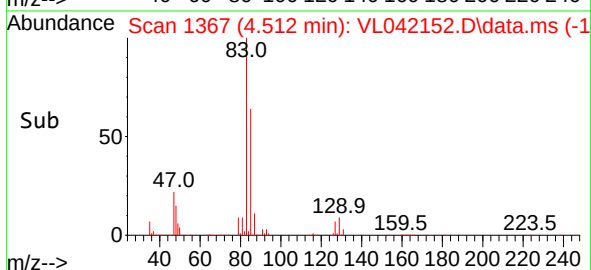
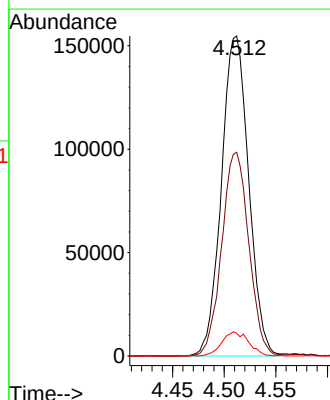
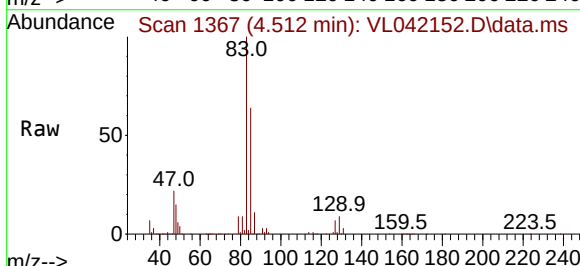
Manual Integrations
APPROVED

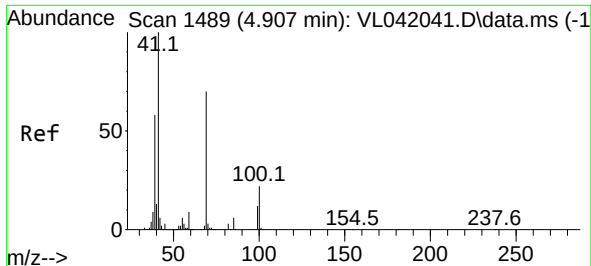
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#42
Bromodichloromethane
Concen: 8.966 ppbv
RT: 4.512 min Scan# 1367
Delta R.T. -0.000 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

Tgt Ion: 83 Resp: 284311
Ion Ratio Lower Upper
83 100
85 63.7 51.4 77.2
127 7.1 5.8 8.6





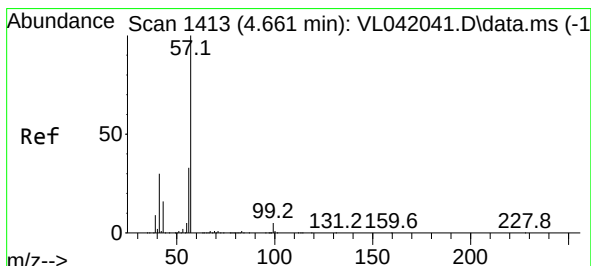
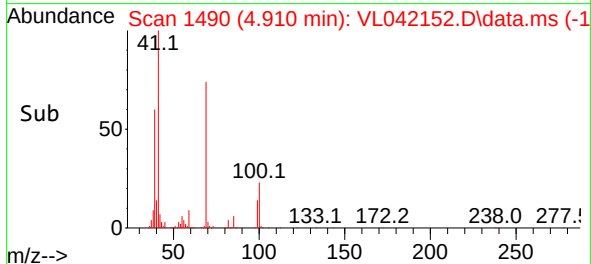
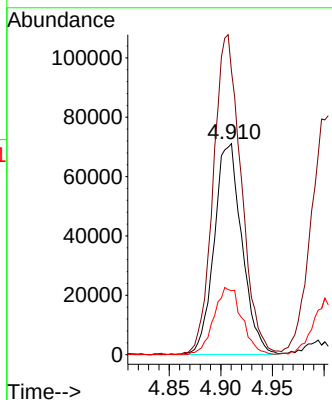
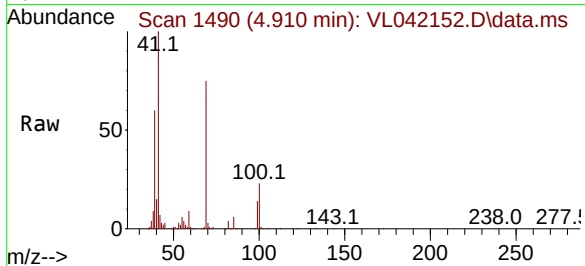
#43
Methyl Methacrylate
Concen: 8.013 ppbv
RT: 4.910 min Scan# 1489
Delta R.T. 0.003 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion: 69 Resp: 13284
Ion Ratio Lower Upper
69 100
41 152.1 118.2 177.4
100 32.5 27.0 40.4

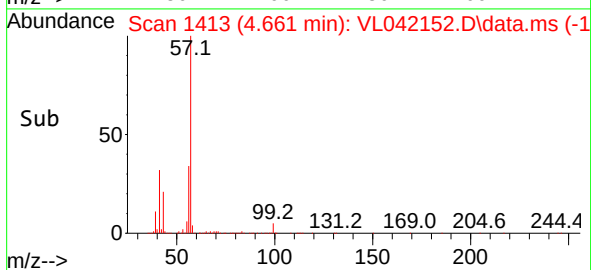
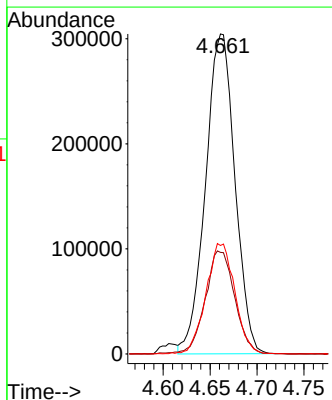
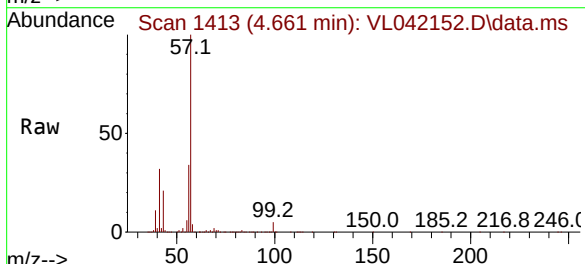
Manual Integrations
APPROVED

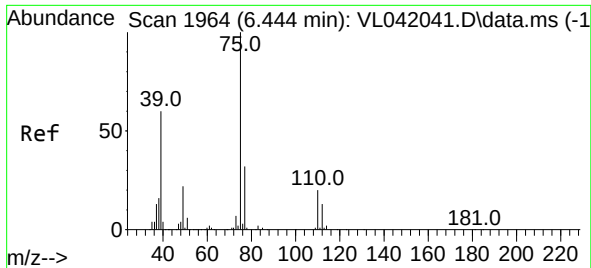
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#44
2,2,4-Trimethylpentane
Concen: 8.845 ppbv
RT: 4.661 min Scan# 1413
Delta R.T. -0.000 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

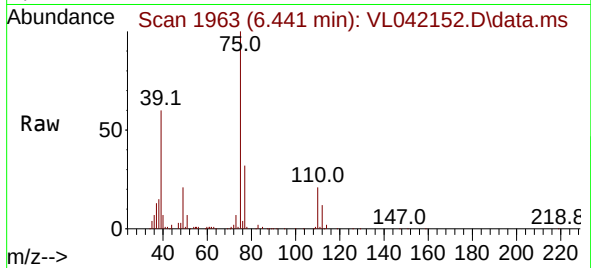
Tgt Ion: 57 Resp: 662648
Ion Ratio Lower Upper
57 100
41 32.6 24.4 36.6
56 34.0 26.5 39.7





#45
 t-1,3-Dichloropropene
 Concen: 7.308 ppbv
 RT: 6.441 min Scan# 1964
 Delta R.T. -0.003 min
 Lab File: VL042152.D
 Acq: 17 Mar 2025 11:38

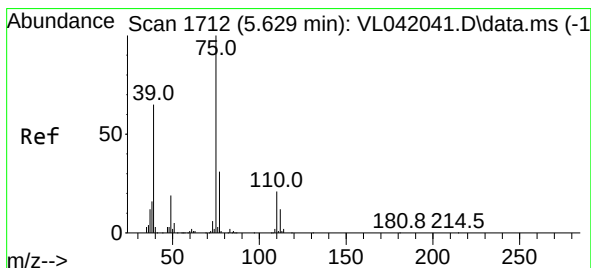
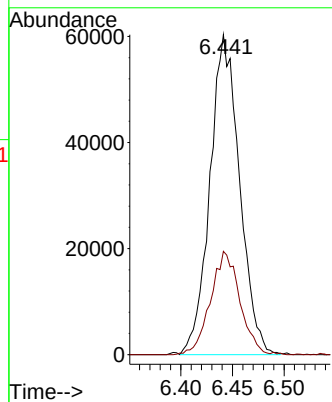
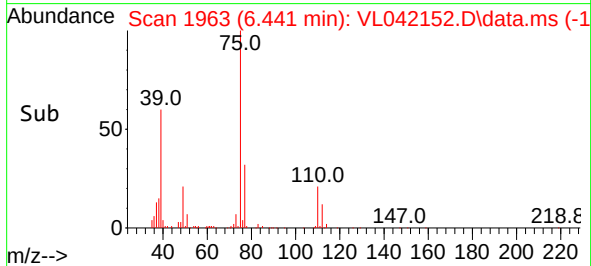
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0317ABS01



Tgt Ion: 75 Resp: 12037
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.9 38.9

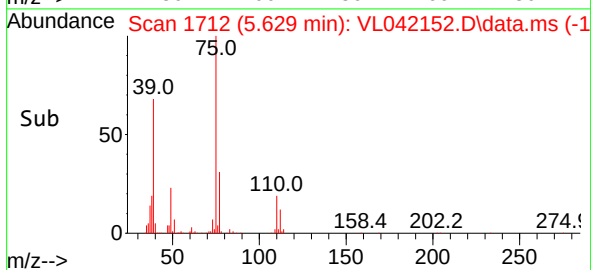
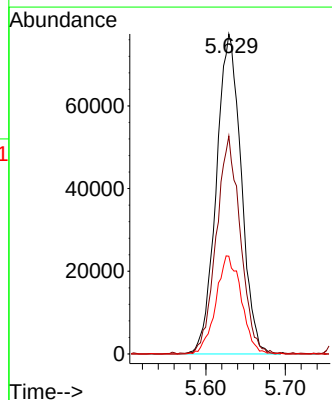
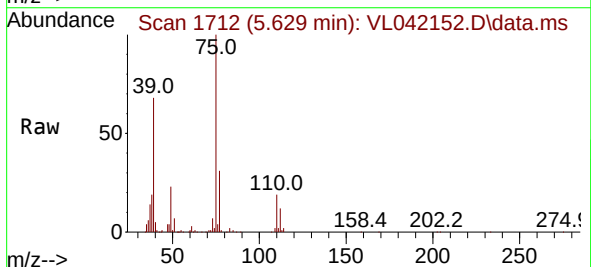
Manual Integrations
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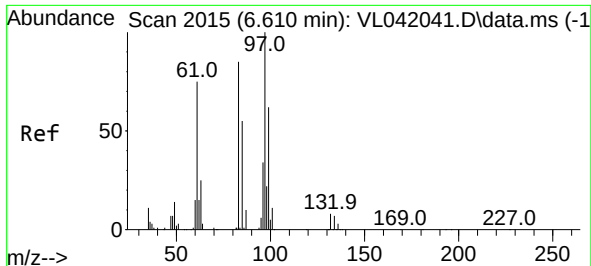
Reviewed By :Semsettin Yesilyurt 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#46
 cis-1,3-Dichloropropene
 Concen: 7.885 ppbv
 RT: 5.629 min Scan# 1712
 Delta R.T. -0.000 min
 Lab File: VL042152.D
 Acq: 17 Mar 2025 11:38

Tgt Ion: 75 Resp: 168060
 Ion Ratio Lower Upper
 75 100
 39 67.8 51.9 77.9
 77 30.5 24.9 37.3





#47

1,1,2-Trichloroethane

Concen: 8.915 ppbv

RT: 6.606 min Scan# 2015

Delta R.T. -0.003 min

Lab File: VL042152.D

Acq: 17 Mar 2025 11:38

Instrument :

MSVOA_L

ClientSampleId :

VL0317ABS01

Tgt Ion: 97 Resp: 145834

Ion Ratio Lower Upper

97 100

83 84.1 68.1 102.1

85 53.2 44.0 66.0

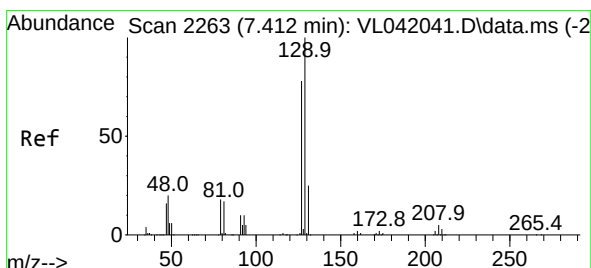
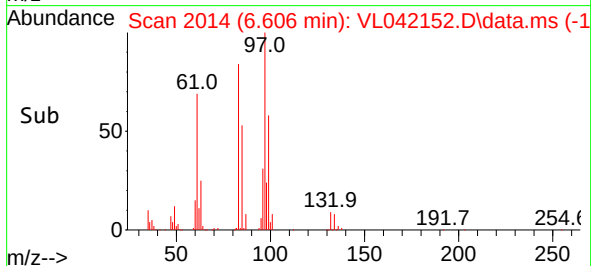
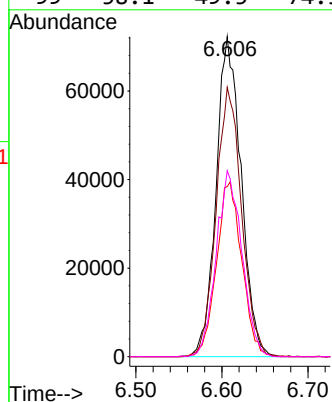
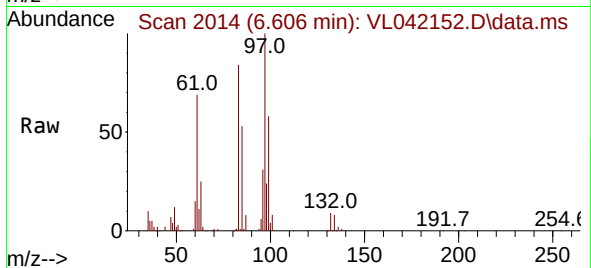
99 58.1 49.5 74.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#48

Dibromochloromethane

Concen: 8.777 ppbv

RT: 7.412 min Scan# 2263

Delta R.T. -0.000 min

Lab File: VL042152.D

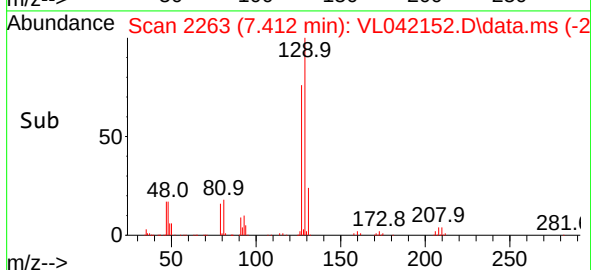
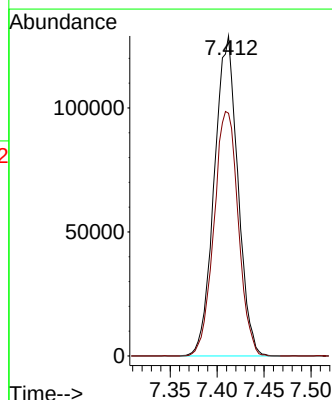
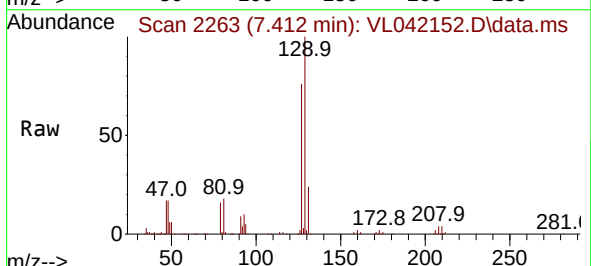
Acq: 17 Mar 2025 11:38

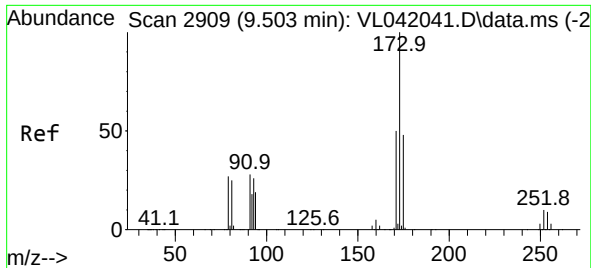
Tgt Ion:129 Resp: 224861

Ion Ratio Lower Upper

129 100

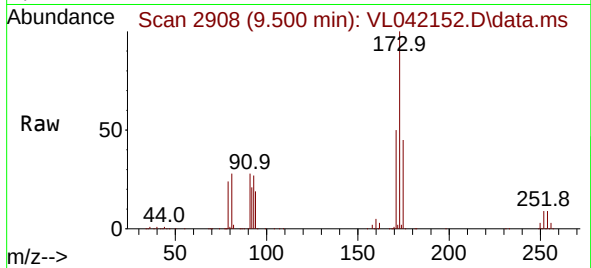
127 78.9 38.6 115.8





#49
Bromoform
Concen: 9.150 ppbv
RT: 9.500 min Scan# 2909
Delta R.T. -0.003 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

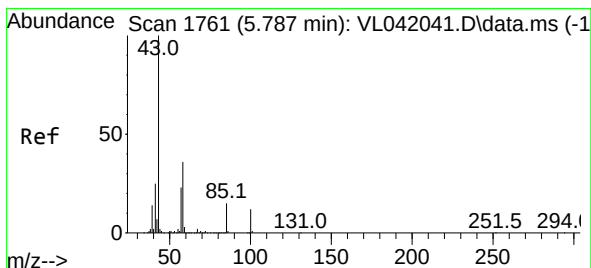
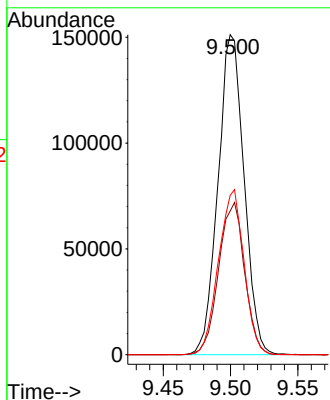
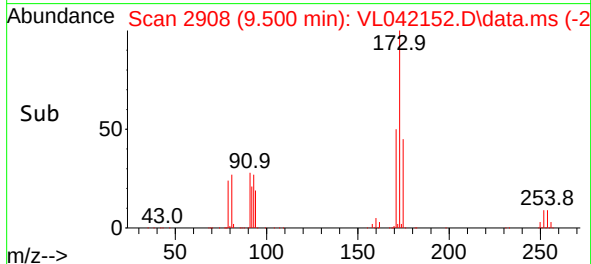
Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01



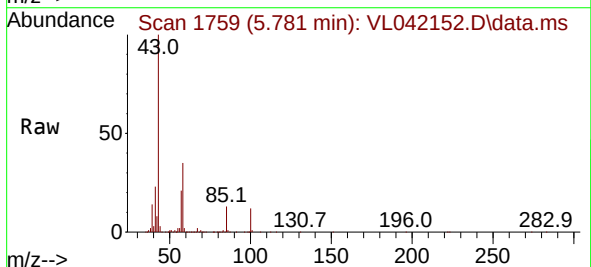
Tgt Ion:173 Resp: 203574
Ion Ratio Lower Upper
173 100
175 47.4 38.3 57.5
171 50.6 40.2 60.2

Manual Integrations
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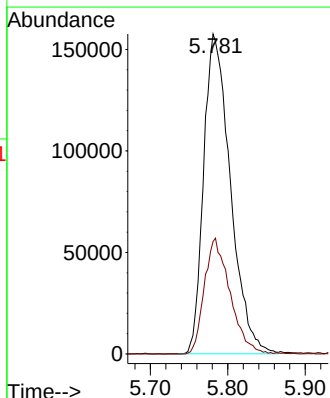
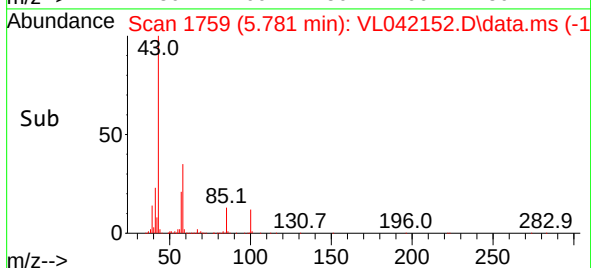
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

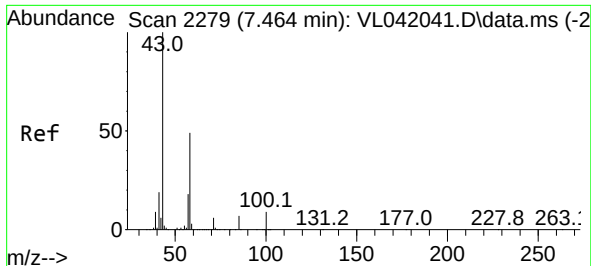


#50
4-Methyl-2-Pentanone
Concen: 9.252 ppbv
RT: 5.781 min Scan# 1759
Delta R.T. -0.007 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38



Tgt Ion: 43 Resp: 378000
Ion Ratio Lower Upper
43 100
58 34.9 29.3 43.9





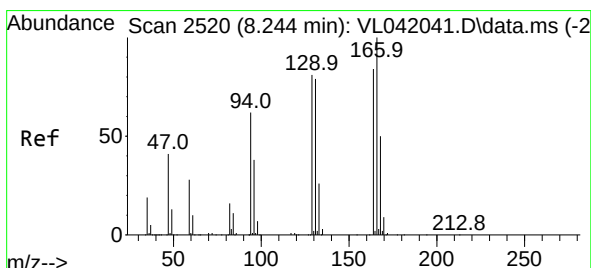
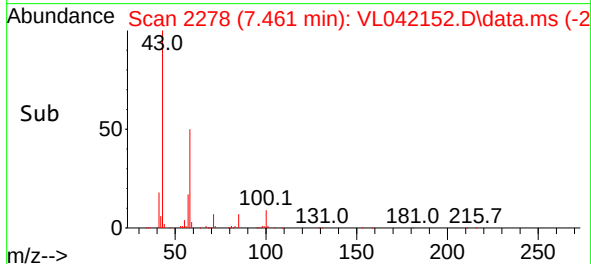
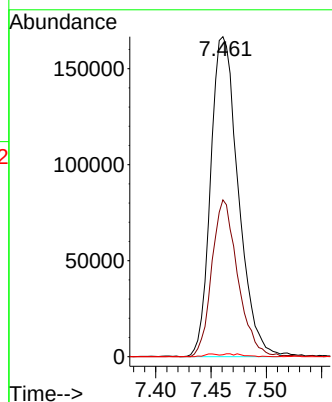
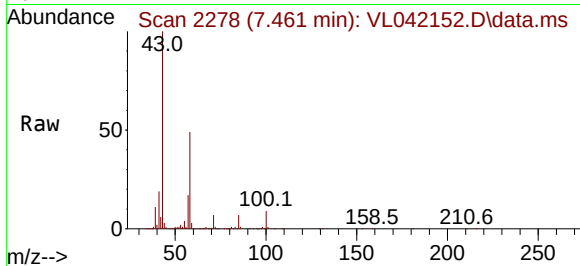
#51
2-Hexanone
Concen: 10.306 ppbv
RT: 7.461 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion: 43 Resp: 28981
Ion Ratio Lower Upper
43 100
58 46.3 39.0 58.6
98 1.1 0.1 0.1

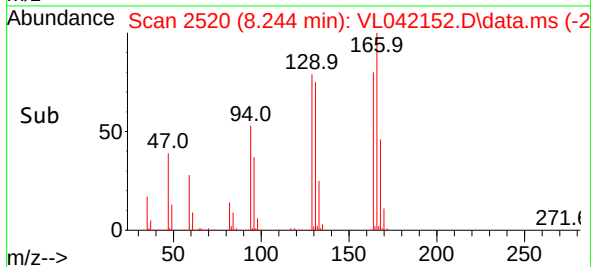
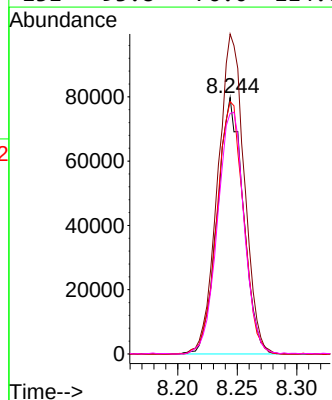
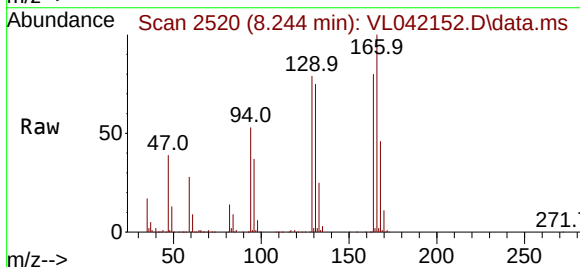
Manual Integrations
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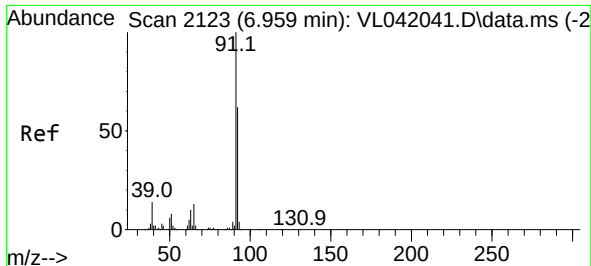
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#52
Tetrachloroethene
Concen: 8.341 ppbv
RT: 8.244 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

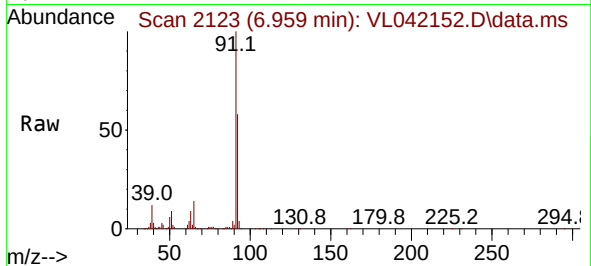
Tgt Ion:164 Resp: 121217
Ion Ratio Lower Upper
164 100
166 124.7 95.7 143.5
129 98.4 77.1 115.7
131 93.8 76.0 114.0





#53
Toluene
Concen: 8.019 ppbv
RT: 6.959 min Scan# 2123
Delta R.T. -0.000 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

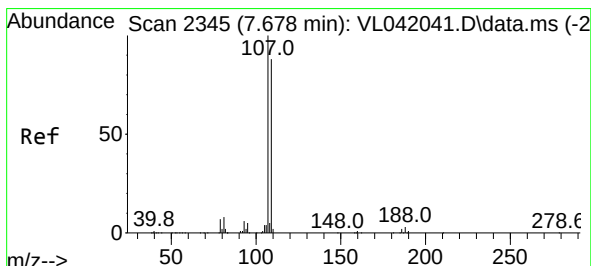
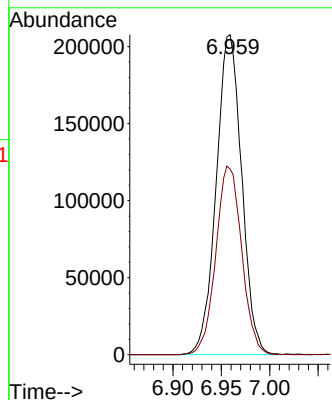
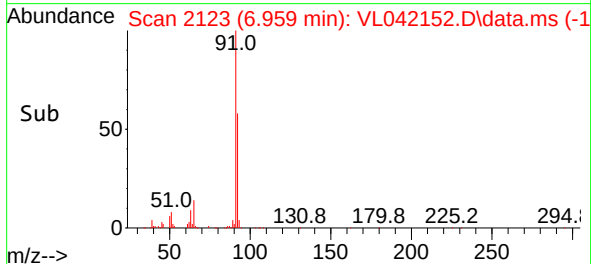
Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01



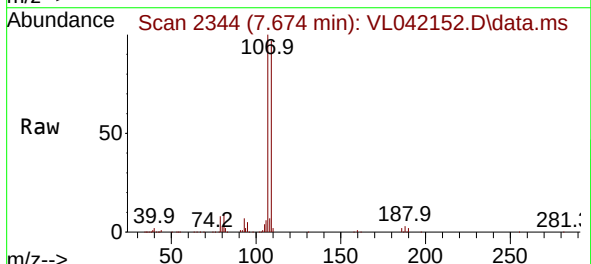
Tgt Ion: 91 Resp: 38044
Ion Ratio Lower Upper
91 100
92 59.9 49.0 73.6

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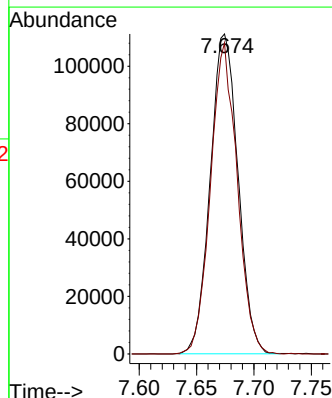
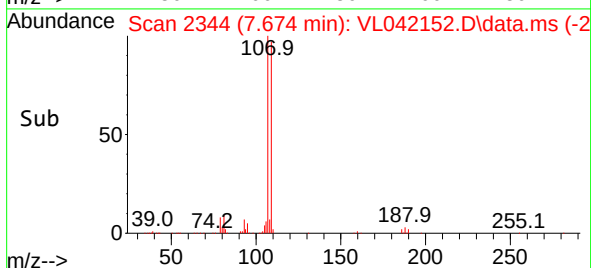
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

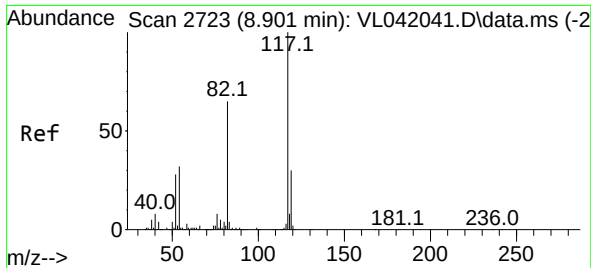


#54
1,2-Dibromoethane
Concen: 8.477 ppbv
RT: 7.674 min Scan# 2344
Delta R.T. -0.003 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38



Tgt Ion:107 Resp: 187462
Ion Ratio Lower Upper
107 100
109 97.2 70.2 105.4





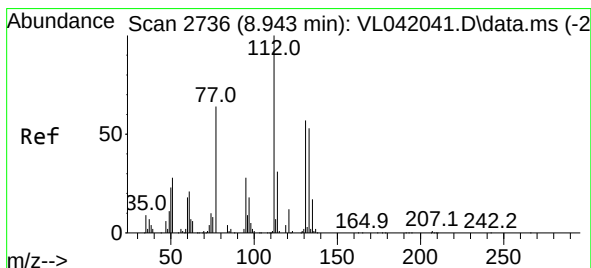
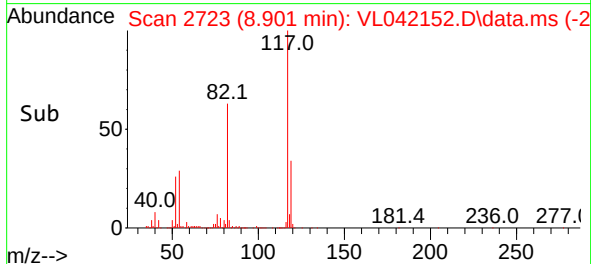
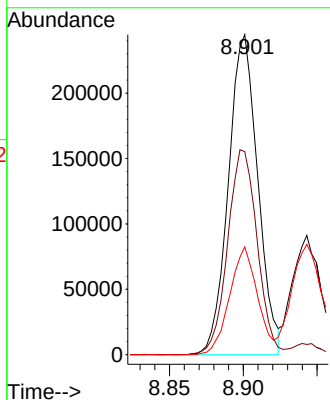
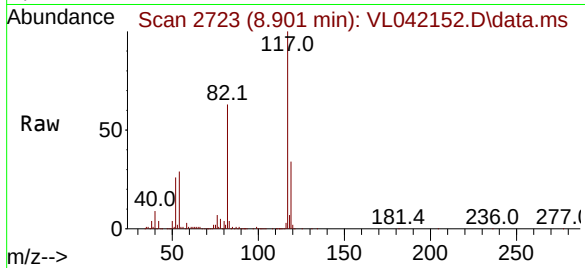
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.901 min Scan# 2723
Delta R.T. -0.000 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion:117 Resp: 339099
Ion Ratio Lower Upper
117 100
82 67.6 55.0 82.6
119 31.3 25.9 38.9

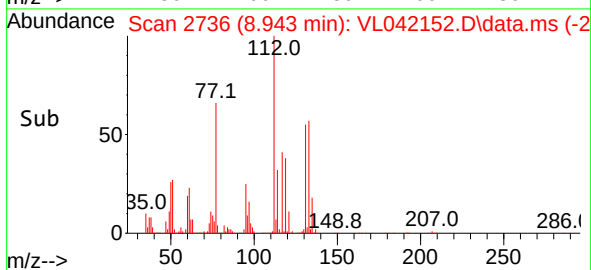
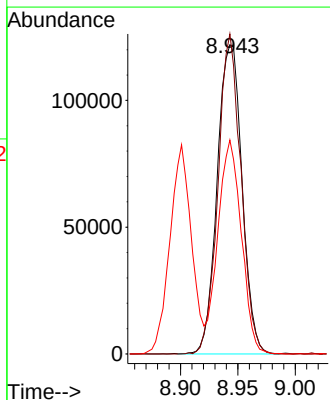
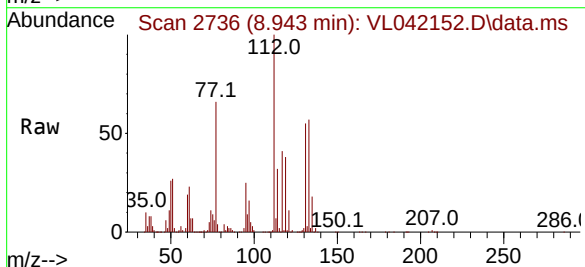
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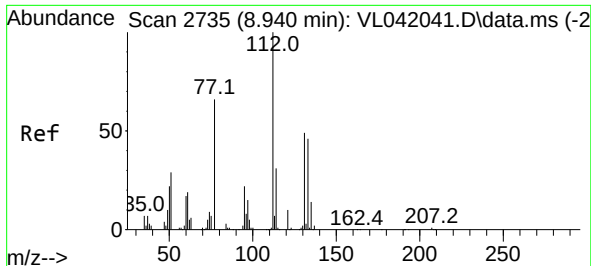
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 9.593 ppbv
RT: 8.943 min Scan# 2736
Delta R.T. -0.000 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

Tgt Ion:131 Resp: 183855
Ion Ratio Lower Upper
131 100
133 95.3 75.8 113.8
119 65.4 52.1 78.1





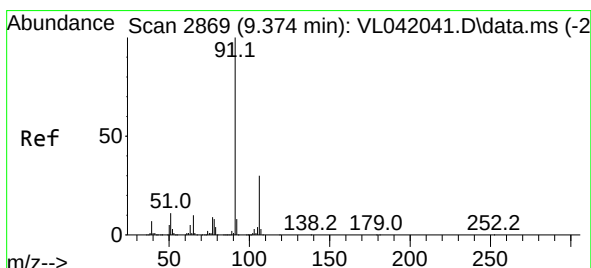
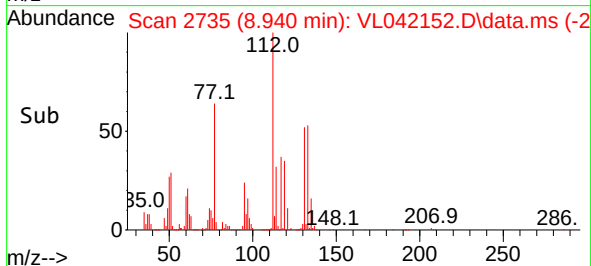
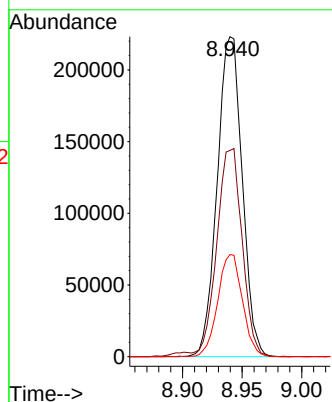
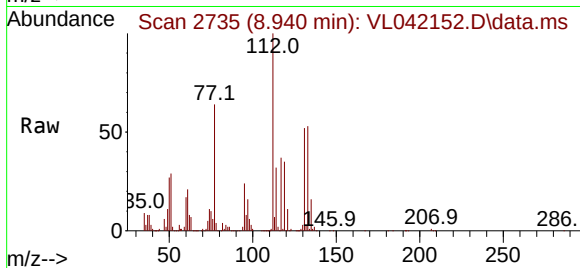
#57
Chlorobenzene
Concen: 9.267 ppbv
RT: 8.940 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion:112 Resp: 325825
Ion Ratio Lower Upper
112 100
77 64.4 53.4 80.2
114 31.9 28.3 34.5

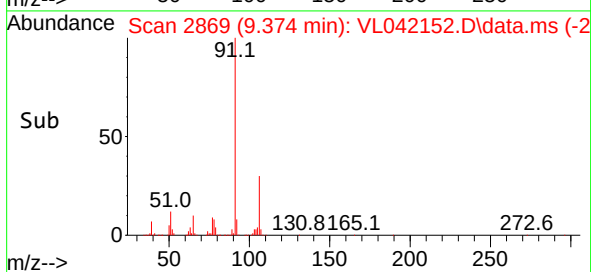
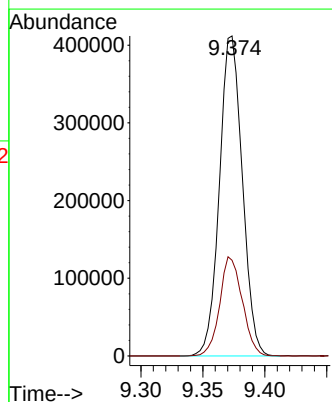
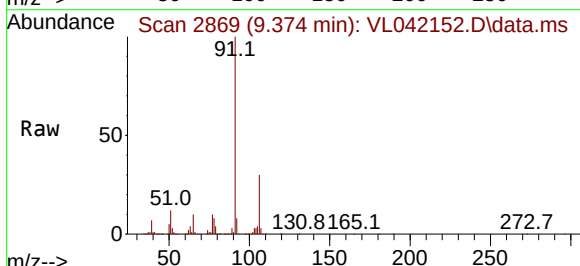
Manual Integrations
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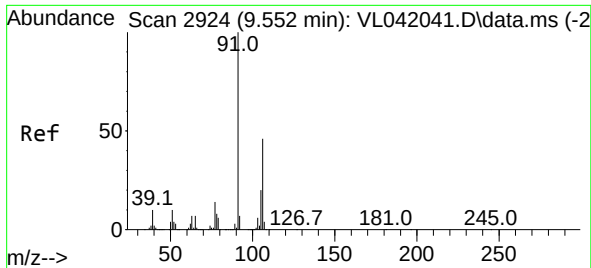
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#58
Ethyl Benzene
Concen: 8.496 ppbv
RT: 9.374 min Scan# 2869
Delta R.T. -0.000 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

Tgt Ion: 91 Resp: 530577
Ion Ratio Lower Upper
91 100
106 29.9 24.2 36.2





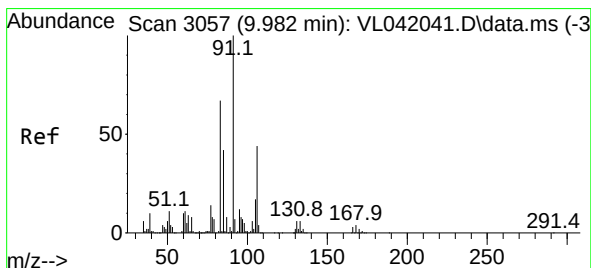
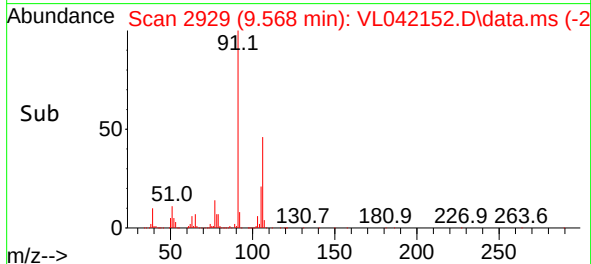
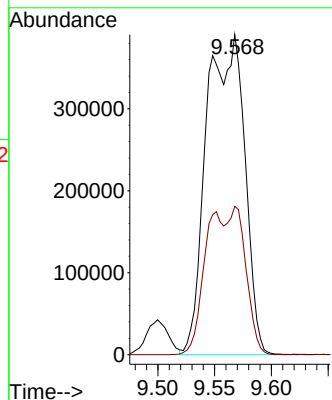
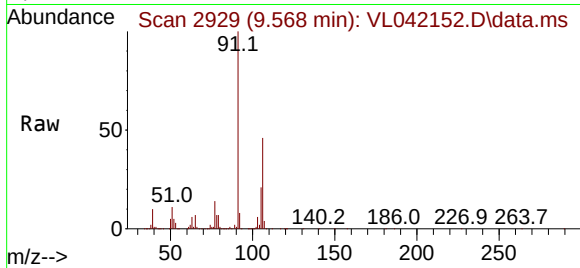
#59
m/p-Xylene
Concen: 18.332 ppbv m
RT: 9.568 min Scan# 2924
Delta R.T. 0.016 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion: 91 Resp: 911063
Ion Ratio Lower Upper
91 100
106 0.0 0.0 0.0

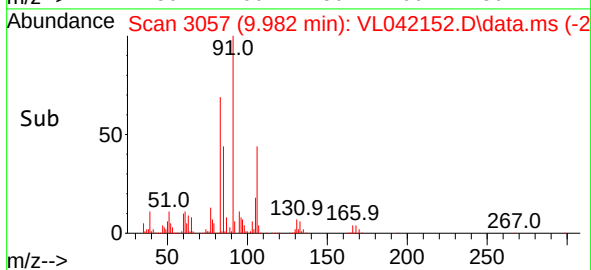
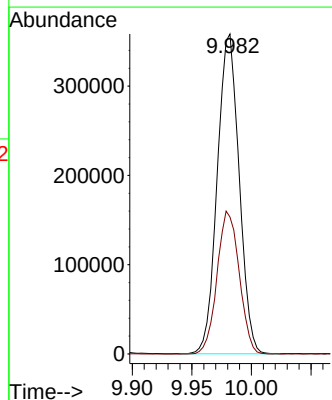
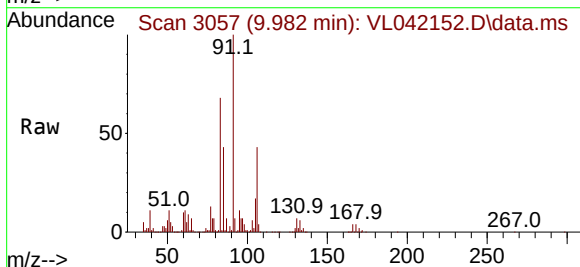
Manual Integrations
APPROVED

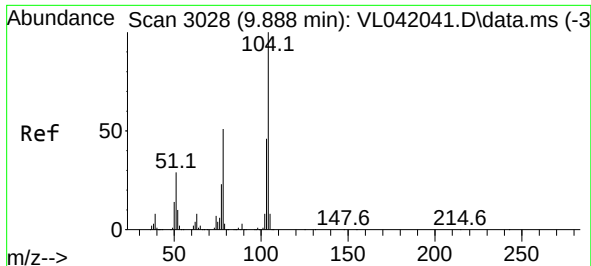
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#60
o-Xylene
Concen: 9.148 ppbv
RT: 9.982 min Scan# 3057
Delta R.T. -0.000 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

Tgt Ion: 91 Resp: 457063
Ion Ratio Lower Upper
91 100
106 45.3 22.3 66.8





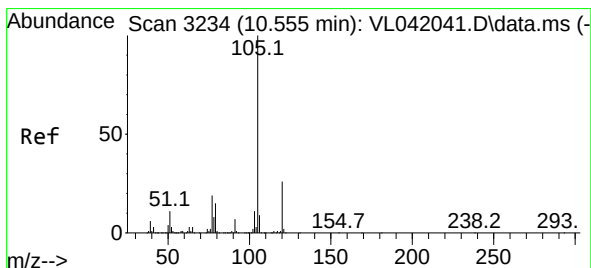
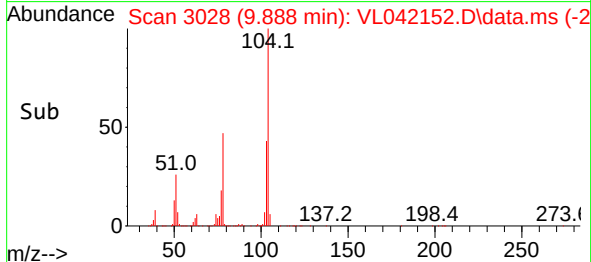
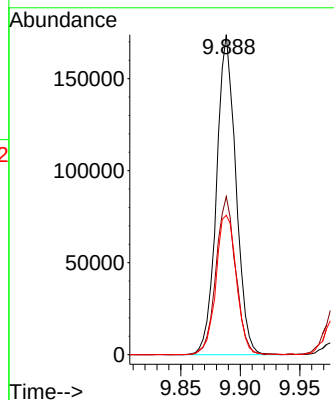
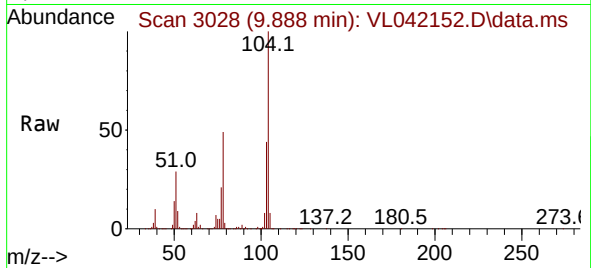
#61
Styrene
Concen: 8.334 ppbv
RT: 9.888 min Scan# 3028
Delta R.T. -0.000 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

Instrument : MSVOA_L
Client Sample Id : VL0317ABS01

Tgt Ion:104 Resp: 195754
Ion Ratio Lower Upper
104 100
78 49.9 41.0 61.4
103 46.5 37.0 55.6

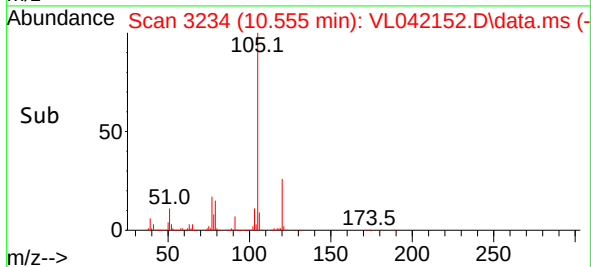
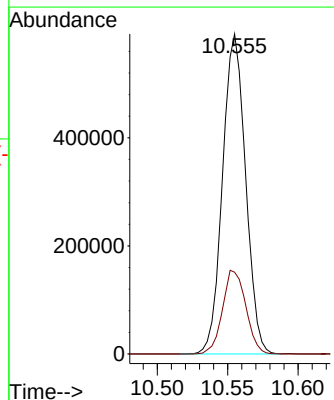
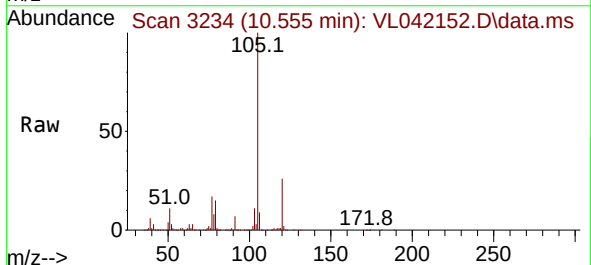
Manual Integrations
APPROVED

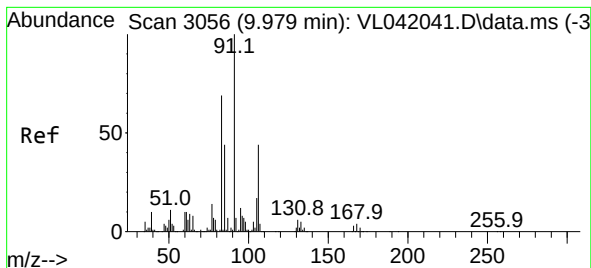
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#62
Isopropylbenzene
Concen: 9.020 ppbv
RT: 10.555 min Scan# 3234
Delta R.T. -0.000 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

Tgt Ion:105 Resp: 674921
Ion Ratio Lower Upper
105 100
120 26.4 20.7 31.1





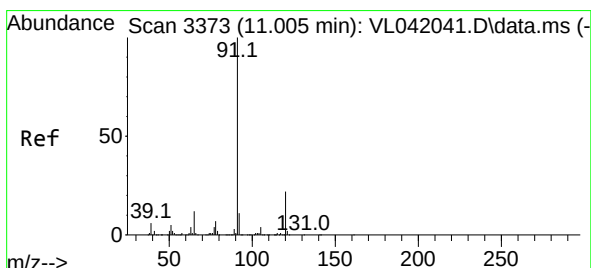
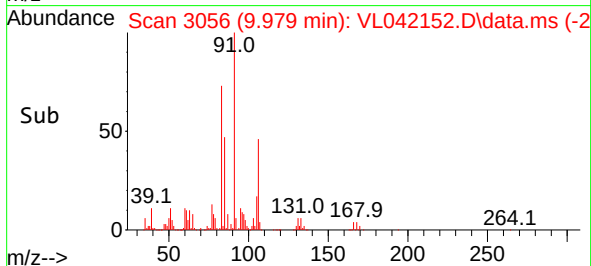
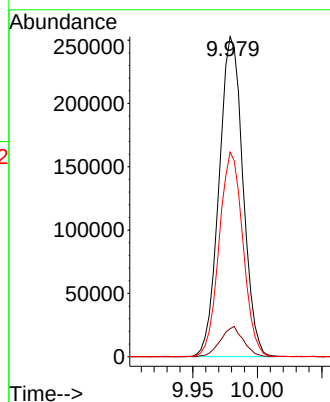
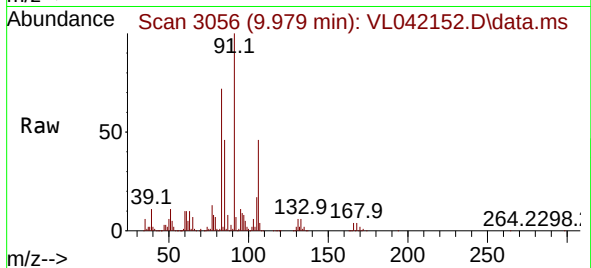
#63
1,1,2,2-Tetrachloroethane
Concen: 9.864 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. -0.000 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

Instrument : MSVOA_L
ClientSampleId : VL0317ABS01

Tgt Ion: 83 Resp: 324554
Ion Ratio Lower Upper
83 100
131 9.2 4.5 13.7
85 63.7 32.1 96.3

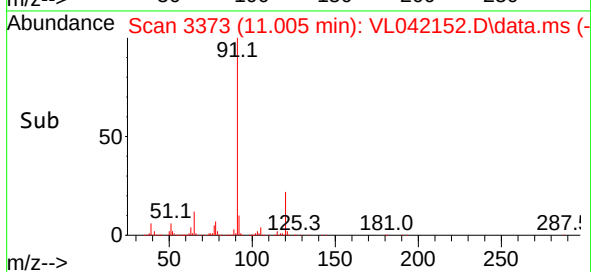
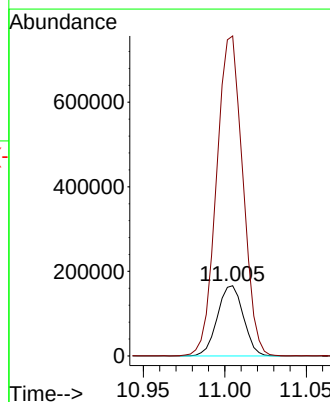
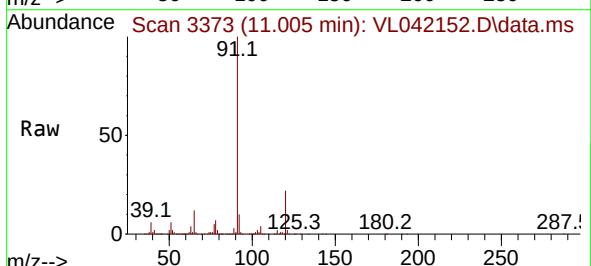
Manual Integrations
APPROVED

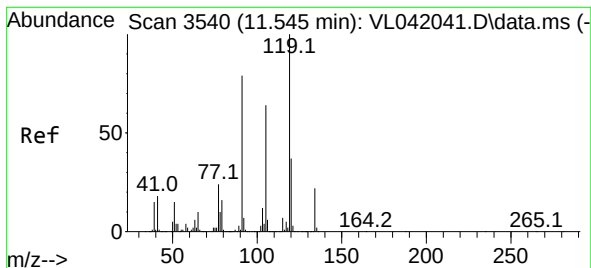
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#64
n-propylbenzene
Concen: 9.363 ppbv
RT: 11.005 min Scan# 3373
Delta R.T. -0.000 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

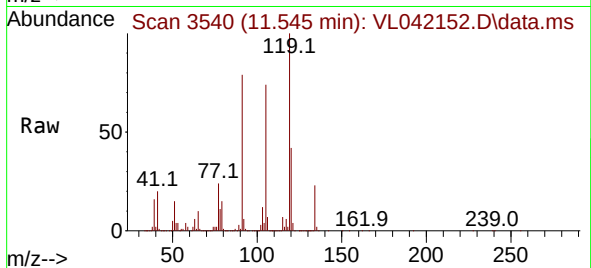
Tgt Ion:120 Resp: 183756
Ion Ratio Lower Upper
120 100
91 462.1 370.6 556.0





#65
tert-Butylbenzene
Concen: 9.165 ppbv
RT: 11.545 min Scan# 3540
Delta R.T. -0.000 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

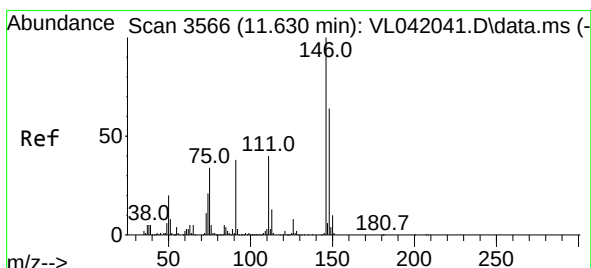
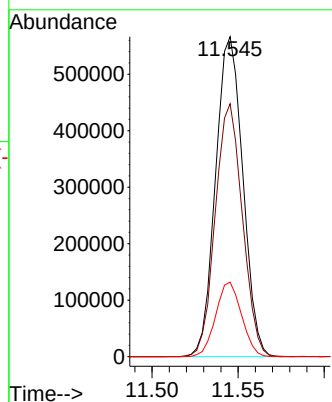
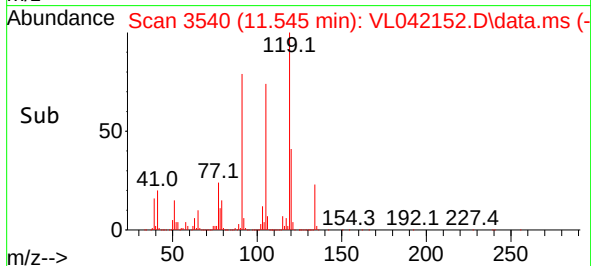
Instrument : MSVOA_L
ClientSampleId : VL0317ABS01



Tgt Ion: 119 Resp: 624075
Ion Ratio Lower Upper
119 100
91 78.6 64.2 96.2
134 22.2 17.4 26.2

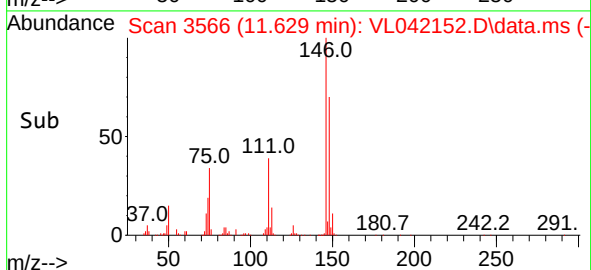
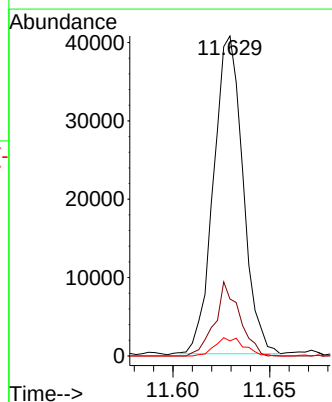
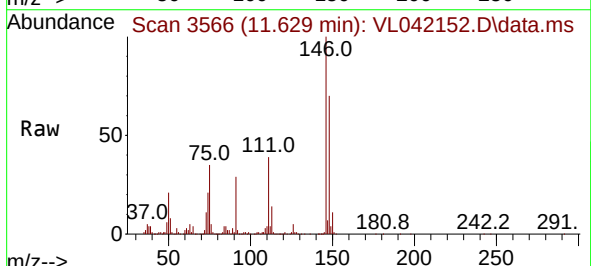
Manual Integrations
APPROVED

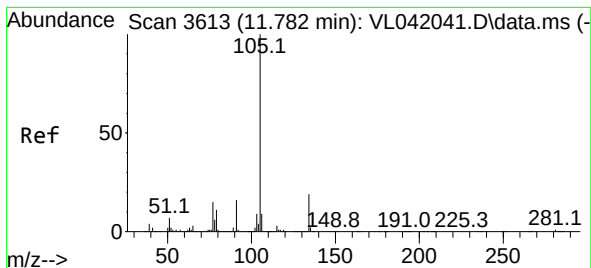
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#66
Benzyl Chloride
Concen: 8.233 ppbv
RT: 11.629 min Scan# 3566
Delta R.T. -0.000 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

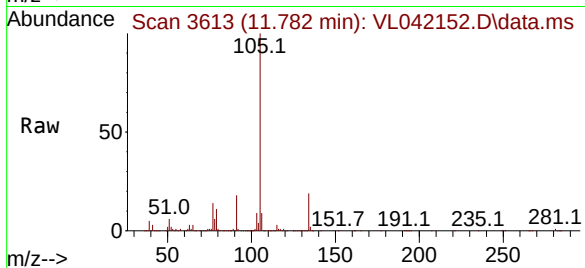
Tgt Ion: 91 Resp: 42782
Ion Ratio Lower Upper
91 100
126 19.6 14.5 21.7
128 5.7 5.4 8.2





#67
 sec-Butylbenzene
 Concen: 9.153 ppbv
 RT: 11.782 min Scan# 3613
 Delta R.T. -0.000 min
 Lab File: VL042152.D
 Acq: 17 Mar 2025 11:38

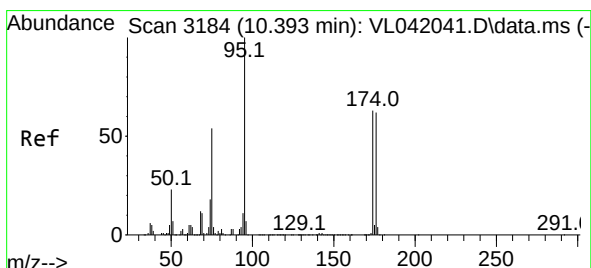
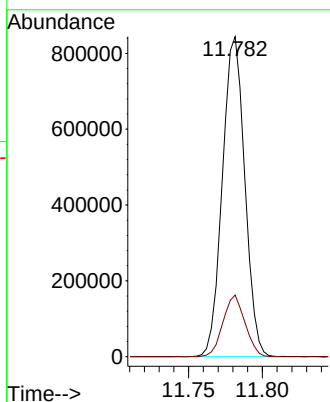
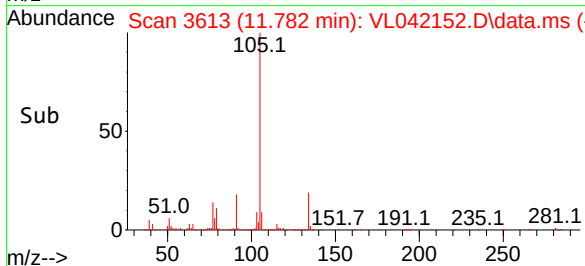
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0317ABS01



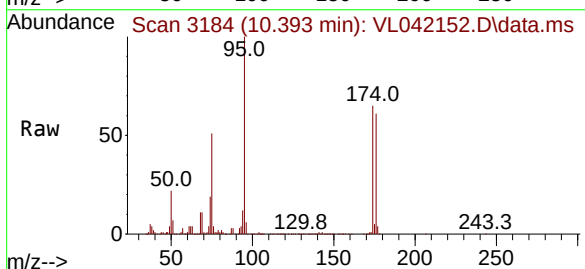
Tgt Ion:105 Resp: 891362
 Ion Ratio Lower Upper
 105 100
 134 18.9 14.9 22.3

Manual Integrations
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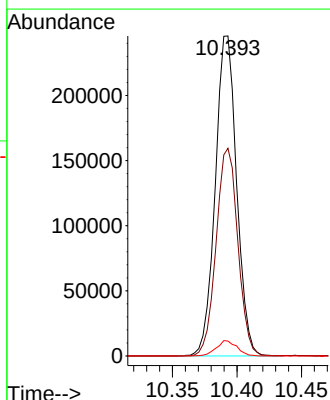
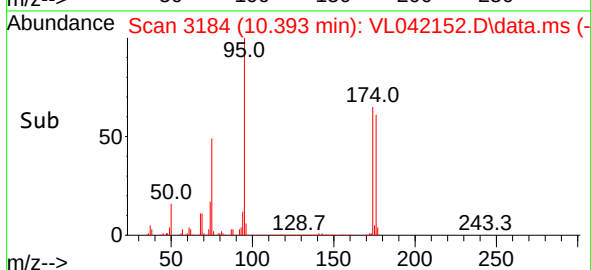
Reviewed By :Semsettin Yesilyurt 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025

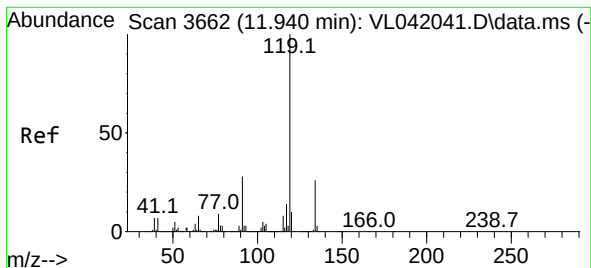


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.844 ppbv
 RT: 10.393 min Scan# 3184
 Delta R.T. -0.000 min
 Lab File: VL042152.D
 Acq: 17 Mar 2025 11:38



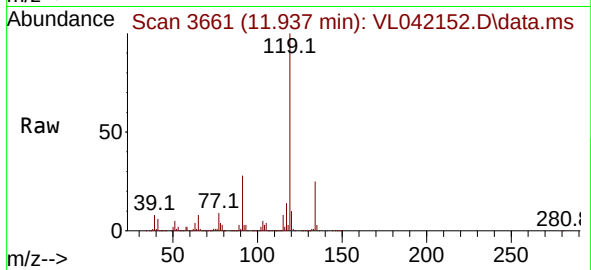
Tgt Ion: 95 Resp: 282890
 Ion Ratio Lower Upper
 95 100
 174 66.0 51.8 77.6
 175 4.6 3.9 5.9





#69
p-Isopropyltoluene
Concen: 9.204 ppbv
RT: 11.937 min Scan# 3661
Delta R.T. -0.003 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

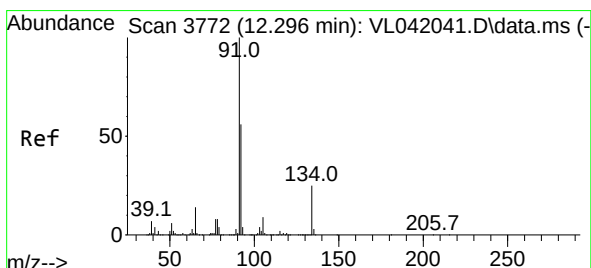
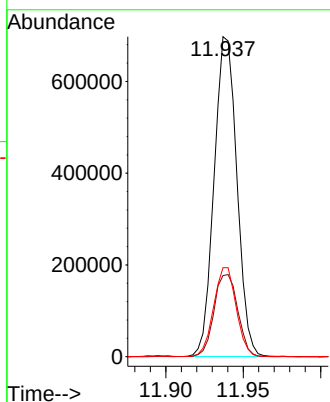
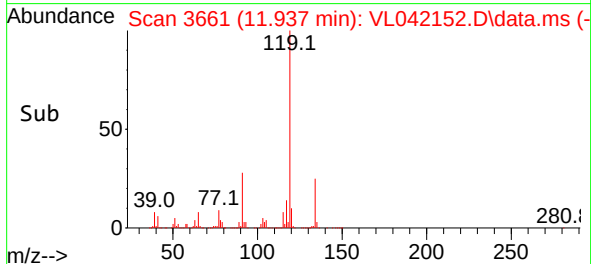
Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01



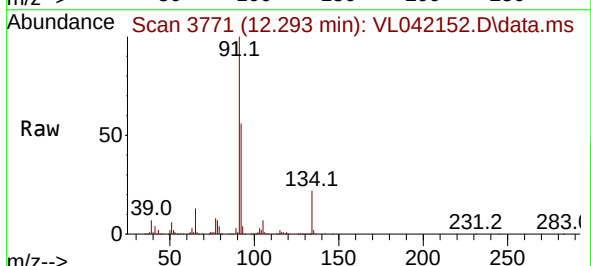
Tgt Ion:119 Resp: 71317
Ion Ratio Lower Upper
119 100
134 26.9 20.9 31.3
91 27.8 23.1 34.7

Manual Integrations
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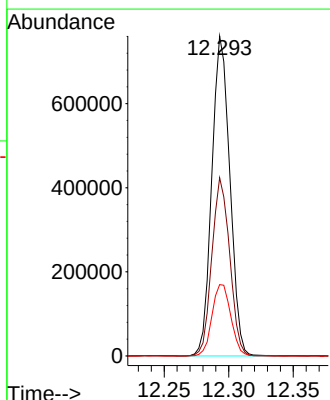
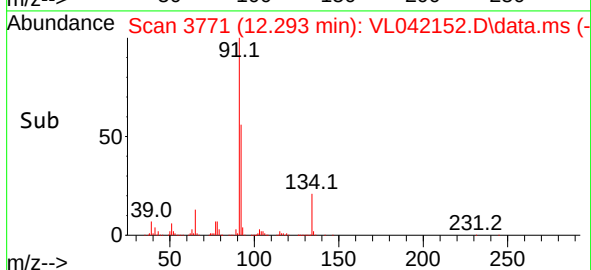
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

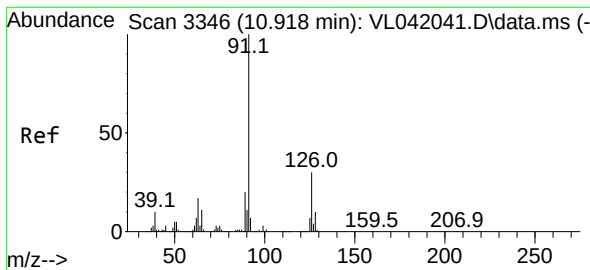


#70
n-Butylbenzene
Concen: 9.359 ppbv
RT: 12.293 min Scan# 3771
Delta R.T. -0.003 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38



Tgt Ion: 91 Resp: 740235
Ion Ratio Lower Upper
91 100
92 55.2 44.7 67.1
134 23.3 18.9 28.3





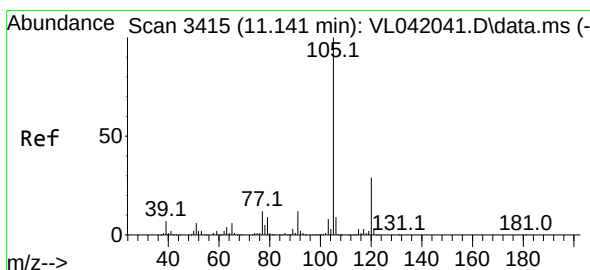
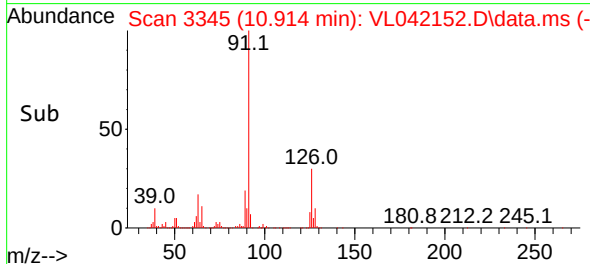
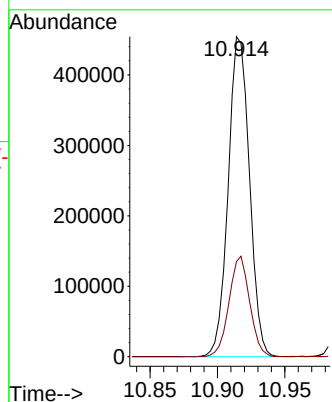
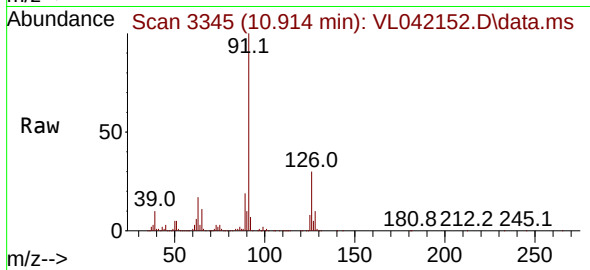
#71
2-Chlorotoluene
Concen: 8.648 ppbv
RT: 10.914 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion: 91 Resp: 49882
Ion Ratio Lower Upper
91 100
126 30.5 11.9 47.5

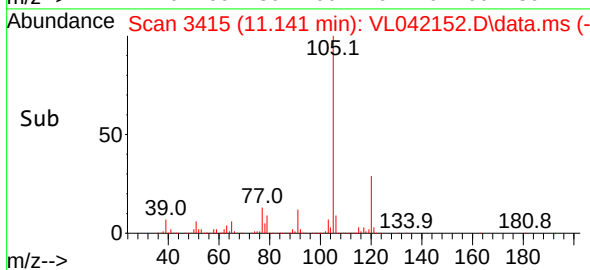
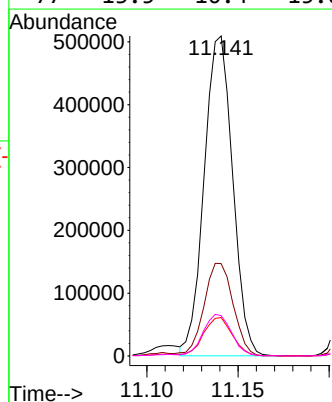
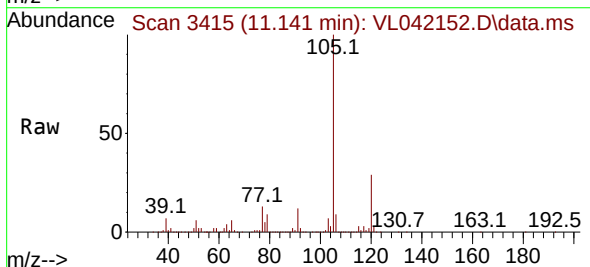
Manual Integrations
APPROVED

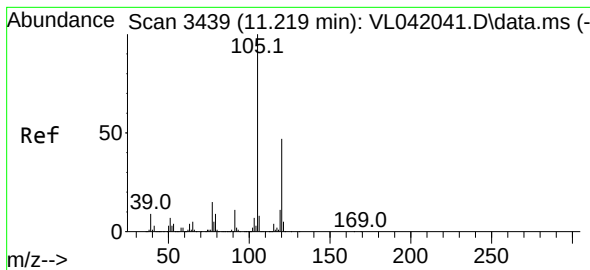
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#72
4-Ethyltoluene
Concen: 9.080 ppbv
RT: 11.141 min Scan# 3415
Delta R.T. -0.000 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

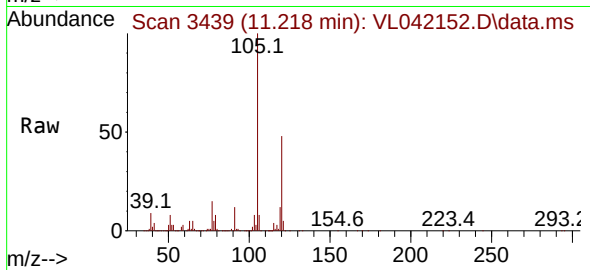
Tgt Ion:105 Resp: 553863
Ion Ratio Lower Upper
105 100
120 30.6 24.1 36.1
91 12.8 10.2 15.4
77 13.5 10.4 15.6





#73
1,3,5-Trimethylbenzene
Concen: 8.891 ppbv
RT: 11.218 min Scan# 3439
Delta R.T. -0.000 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

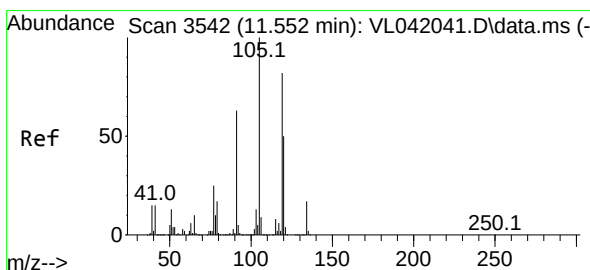
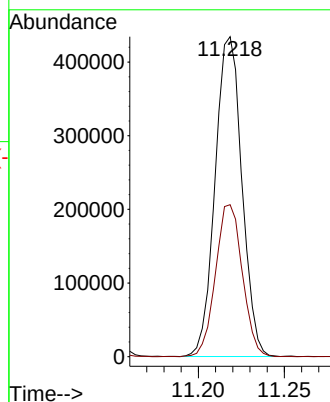
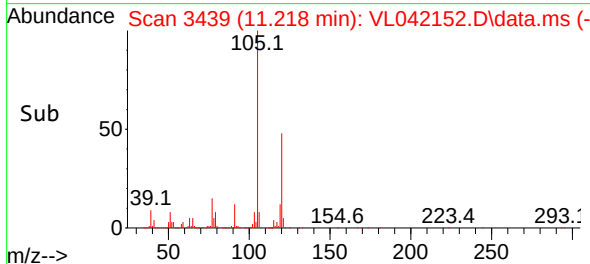
Instrument : MSVOA_L
ClientSampleId : VL0317ABS01



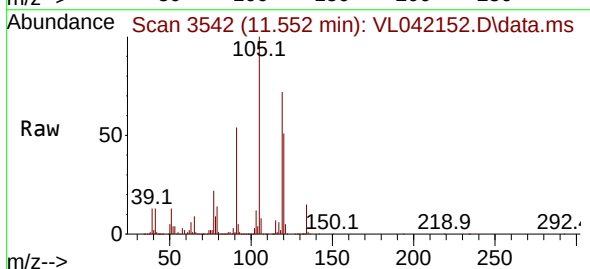
Tgt Ion:105 Resp: 470478
Ion Ratio Lower Upper
105 100
120 47.5 37.4 56.0

Manual Integrations
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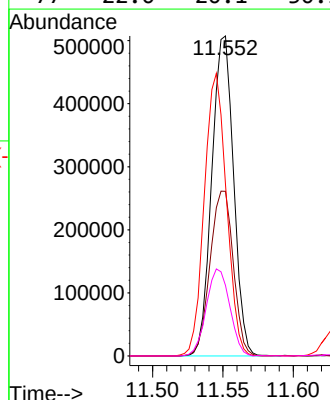
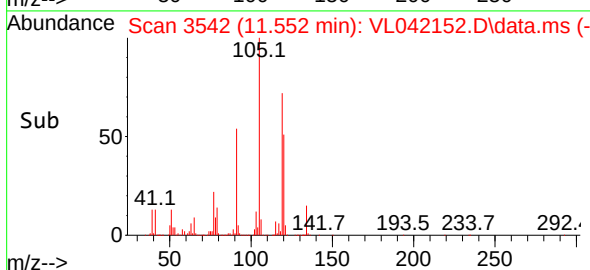
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

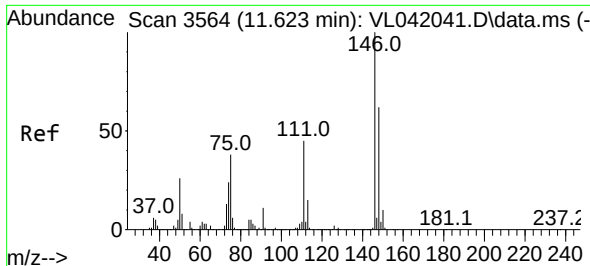


#74
1,2,4-Trimethylbenzene
Concen: 9.173 ppbv
RT: 11.552 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38



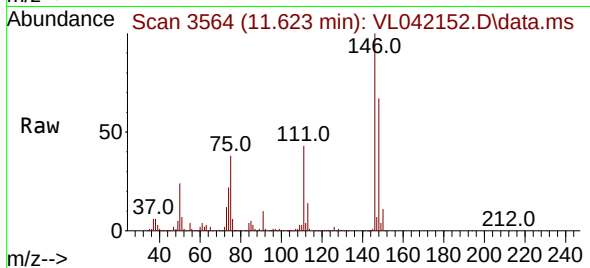
Tgt Ion:105 Resp: 546537
Ion Ratio Lower Upper
105 100
120 51.4 40.2 60.2
91 53.6 51.4 77.2
77 22.0 20.1 30.1





#75
1,3-Dichlorobenzene
Concen: 9.193 ppbv
RT: 11.623 min Scan# 3564
Delta R.T. -0.000 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38

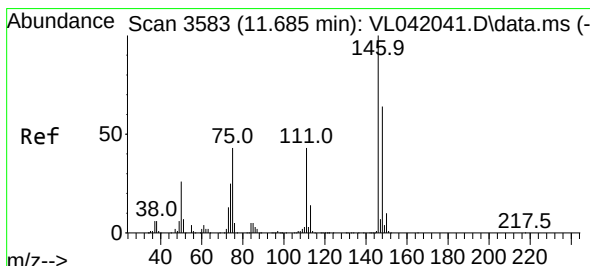
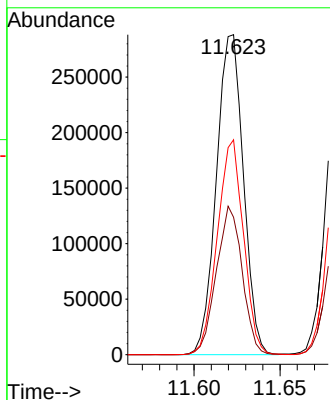
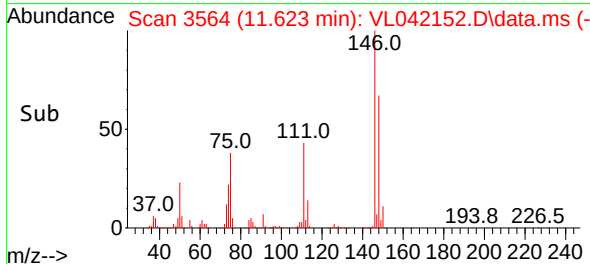
Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01



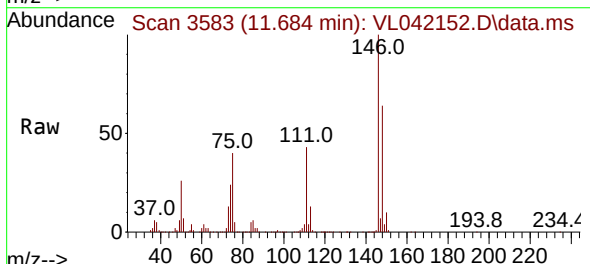
Tgt Ion:146 Resp: 31523
Ion Ratio Lower Upper
146 100
111 44.4 22.4 67.2
148 65.0 32.3 96.8

Manual Integrations
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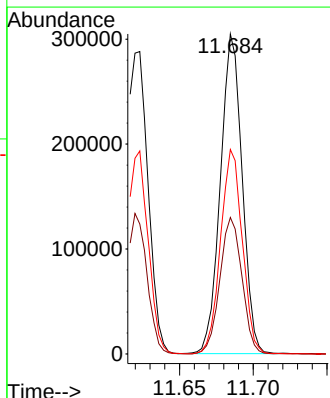
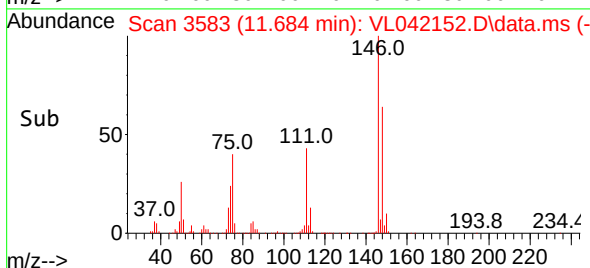
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

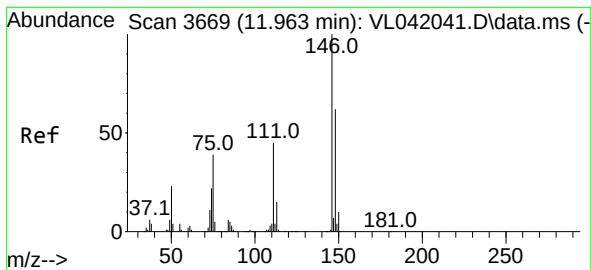


#76
1,4-Dichlorobenzene
Concen: 9.170 ppbv
RT: 11.684 min Scan# 3583
Delta R.T. -0.000 min
Lab File: VL042152.D
Acq: 17 Mar 2025 11:38



Tgt Ion:146 Resp: 312196
Ion Ratio Lower Upper
146 100
111 43.4 21.5 64.5
148 64.1 31.6 95.0





#77

1,2-Dichlorobenzene

Concen: 9.436 ppbv

RT: 11.960 min Scan# 3

Delta R.T. -0.003 min

Lab File: VL042152.D

Acq: 17 Mar 2025 11:38

Instrument :

MSVOA_L

ClientSampleId :

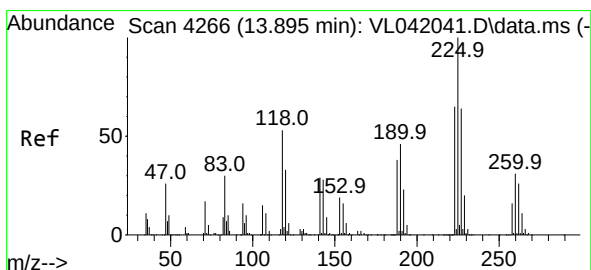
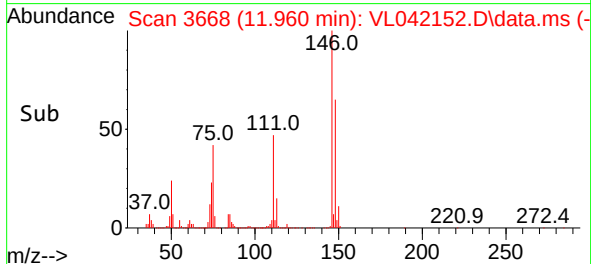
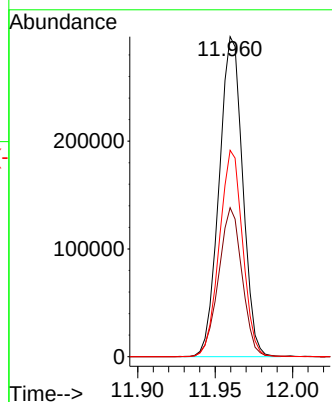
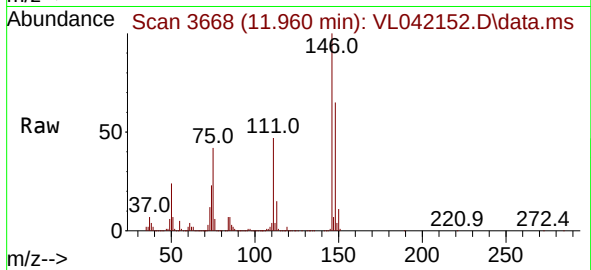
VL0317ABS01

Tgt Ion:146 Resp: 313994
 Ion Ratio Lower Upper
 146 100
 111 46.5 23.2 69.6
 148 63.9 31.4 94.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#78

Hexachloro-1,3-Butadiene

Concen: 8.487 ppbv

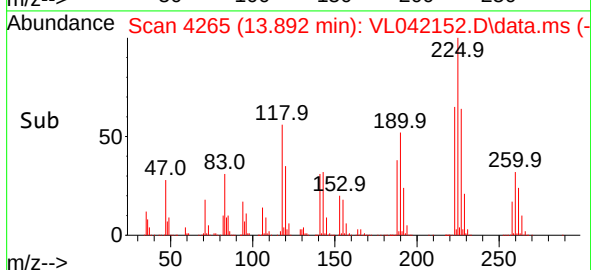
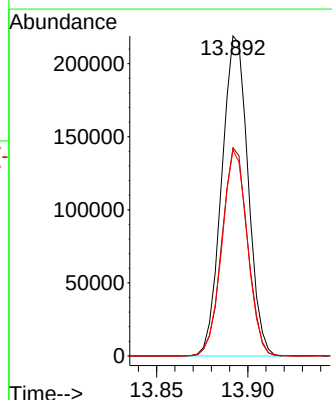
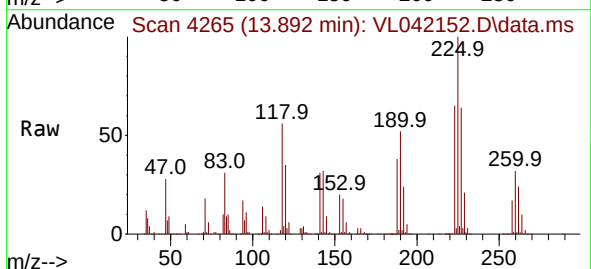
RT: 13.892 min Scan# 4265

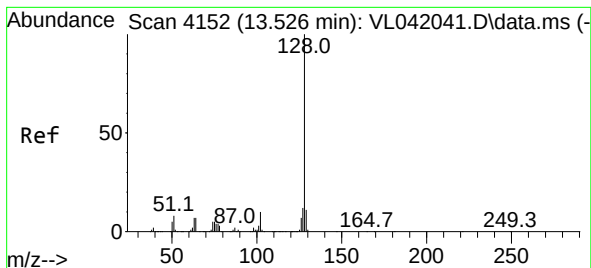
Delta R.T. -0.003 min

Lab File: VL042152.D

Acq: 17 Mar 2025 11:38

Tgt Ion:225 Resp: 219764
 Ion Ratio Lower Upper
 225 100
 223 63.2 50.2 75.2
 227 62.5 50.8 76.2





#79

Naphthalene

Concen: 11.049 ppbv

RT: 13.526 min Scan# 4152

Delta R.T. -0.000 min

Lab File: VL042152.D

Acq: 17 Mar 2025 11:38

Instrument :

MSVOA_L

ClientSampleId :

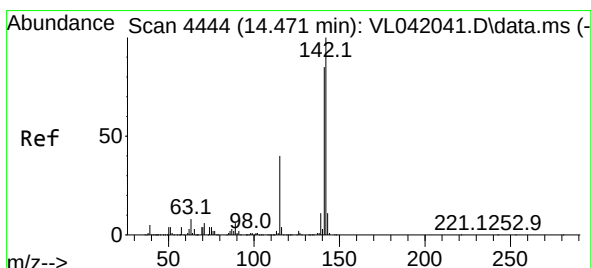
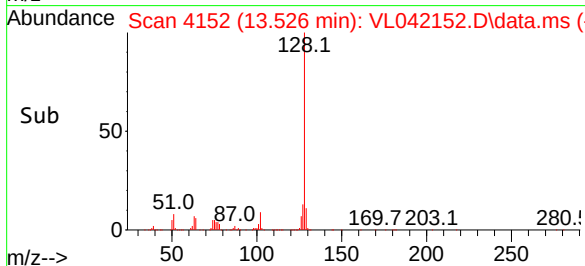
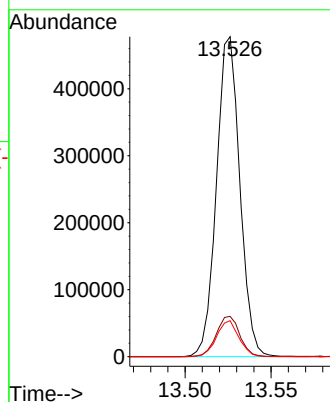
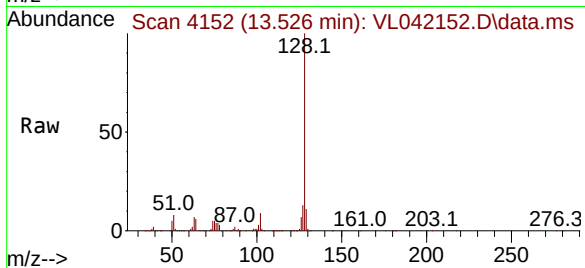
VL0317ABS01

Tgt Ion:	128	Resp:	45142
Ion Ratio	Lower	Upper	
128	100		
127	12.6	9.8	14.6
129	11.2	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#80

Naphthalene,2-methyl-

Concen: 12.529 ppbv

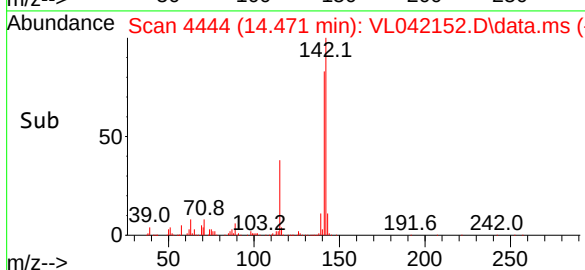
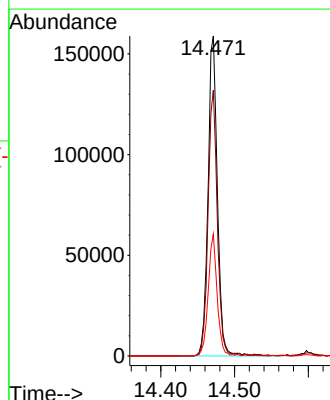
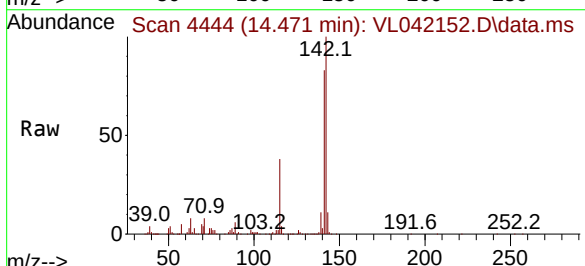
RT: 14.471 min Scan# 4444

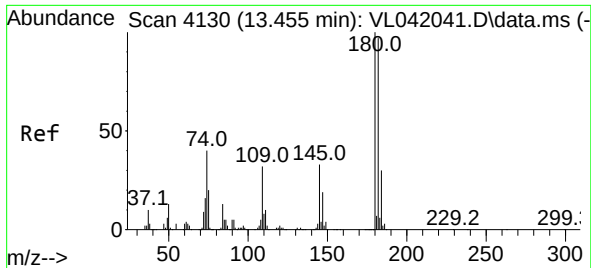
Delta R.T. -0.000 min

Lab File: VL042152.D

Acq: 17 Mar 2025 11:38

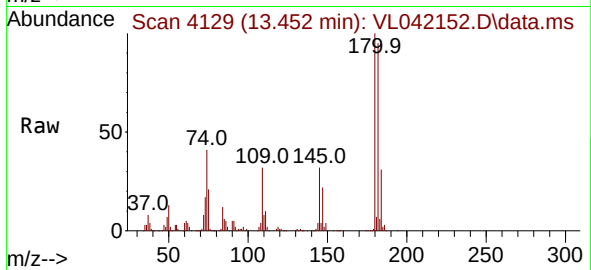
Tgt Ion:	142	Resp:	140075
Ion Ratio	Lower	Upper	
142	100		
141	82.4	65.8	98.6
115	36.9	29.5	44.3





#81
 1,2,4-Trichlorobenzene
 Concen: 9.192 ppbv
 RT: 13.452 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL042152.D
 Acq: 17 Mar 2025 11:38

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0317ABS01



Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.1	112.7
184	30.6	23.8	35.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025

