

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060525\
 Data File : VL042616.D
 Acq On : 05 Jun 2025 10:56
 Operator : SY/MD
 Sample : VL0605ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0605ABS01

Manual Integrations
 APPROVED

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

Quant Time: Jun 06 01:38:35 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2025

QLast Update : Fri May 30 02:01:56 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	102194	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	268029	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	241140	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.380 95 191756 10.608 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 106.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	119998	9.554	ppbv	98
3) Chlorodifluoromethane	1.476	51	160926	9.303	ppbv	97
4) Chloromethane	1.531	50	46147	9.278	ppbv	100
5) Vinyl Chloride	1.580	62	44236	8.731	ppbv	98
6) Bromomethane	1.667	94	21360	8.661	ppbv	97
7) Chloroethane	1.703	64	17367	8.822	ppbv	99
8) Dichlorotetrafluoroethane	1.554	85	99214	9.480	ppbv	98
9) Propene	1.483	41	60975	8.753	ppbv	98
10) Heptane	4.978	43	178322	9.081	ppbv	100
11) Trichlorofluoromethane	1.878	101	115370	9.872	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.140	101	86322	9.407	ppbv	97
13) Ethanol	1.722	45	4657	5.610	ppbv	94
14) Bromoethene	1.781	108	32629	9.453	ppbv	98
15) Acetone	1.836	43	96961	7.877	ppbv	98
16) 1,3-Butadiene	1.609	39	50791	8.710	ppbv	95
17) tert-Butyl alcohol	2.039	59	114043	8.893	ppbv	98
18) 1,1-Dichloroethene	2.033	96	39395	9.262	ppbv	96
19) Isopropyl Alcohol	1.884	45	64442	8.757	ppbv	98
20) Methylene Chloride	2.059	84	34250	8.431	ppbv	93
21) Allyl Chloride	2.094	41	77076	8.874	ppbv	98
22) trans-1,2-Dichloroethene	2.340	96	45356	9.547	ppbv	98
23) Vinyl Acetate	2.463	43	170857	10.268	ppbv #	97
24) 1,1-Dichloroethane	2.408	63	92472	9.460	ppbv	99
25) Ethyl Acetate	2.836	43	317046	9.412	ppbv	99
26) Hexane	2.826	57	136168	8.896	ppbv	95
27) Carbon Disulfide	2.150	76	109644	9.331	ppbv	95
28) Methyl tert-Butyl Ether	2.441	73	54102	8.710	ppbv	98
29) Chloroform	2.849	83	198724	9.983	ppbv	99
30) Cyclohexane	3.855	84	110635	8.718	ppbv	96
31) cis-1,2-Dichloroethene	2.719	61	132654	9.474	ppbv	96
32) 1,1,1-Trichloroethane	3.366	97	193227	9.501	ppbv	98
34) 2-Butanone	2.557	43	208953	10.932	ppbv	100
35) Carbon Tetrachloride	3.765	117	195562	11.053	ppbv	99
36) Benzene	3.658	78	273021	10.344	ppbv	97
37) 1,2-Dichloroethane	3.218	62	151559	11.554	ppbv	98
38) Trichloroethene	4.548	130	109759	9.783	ppbv	98
39) 1,2-Dichloropropane	4.315	63	102423	10.493	ppbv	97
40) 1,4-Dioxane	4.583	88	43825	10.034	ppbv #	73
41) Tetrahydrofuran	3.053	42	115430	10.317	ppbv	99
42) Bromodichloromethane	4.490	83	215587	11.571	ppbv	97
43) Methyl Methacrylate	4.881	69	105007	10.250	ppbv	99
44) 2,2,4-Trimethylpentane	4.642	57	468613	10.380	ppbv	99
45) t-1,3-Dichloropropene	6.415	75	121185	10.338	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060525\
 Data File : VL042616.D
 Acq On : 05 Jun 2025 10:56
 Operator : SY/MD
 Sample : VL0605ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0605ABS01

Manual Integrations
 APPROVED

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

Quant Time: Jun 06 01:38:35 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2025

QLast Update : Fri May 30 02:01:56 2025

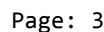
Response via : Initial Calibration

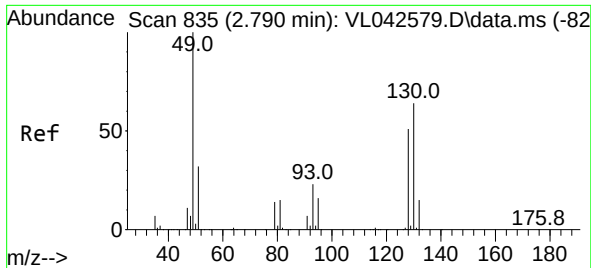
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.603	75	149286	10.163	ppbv	95
47) 1,1,2-Trichloroethane	6.584	97	106076	10.499	ppbv	91
48) Dibromochloromethane	7.390	129	172013	10.635	ppbv	99
49) Bromoform	9.487	173	147054	10.537	ppbv	99
50) 4-Methyl-2-Pentanone	5.755	43	277969	10.485	ppbv	97
51) 2-Hexanone	7.441	43	224841	10.693	ppbv #	95
52) Tetrachloroethene	8.228	164	95084	9.641	ppbv	97
53) Toluene	6.936	91	304300	9.975	ppbv	100
54) 1,2-Dibromoethane	7.655	107	157984	10.564	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.927	131	128644	10.610	ppbv	98
57) Chlorobenzene	8.927	112	238439	10.183	ppbv	99
58) Ethyl Benzene	9.357	91	422642	10.333	ppbv	97
59) m/p-Xylene	9.555	91	683162m	21.223	ppbv	
60) o-Xylene	9.966	91	336084	10.469	ppbv	98
61) Styrene	9.875	104	152943	10.076	ppbv	98
62) Isopropylbenzene	10.542	105	494093	10.418	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.966	83	215101	10.537	ppbv	99
64) n-propylbenzene	10.992	120	129419	10.180	ppbv	93
65) tert-Butylbenzene	11.533	119	432174	10.041	ppbv	96
66) Benzyl Chloride	11.617	91	49930	9.012	ppbv	99
67) sec-Butylbenzene	11.769	105	619294	10.234	ppbv	98
69) p-Isopropyltoluene	11.927	119	518619	10.234	ppbv	99
70) n-Butylbenzene	12.283	91	533392	10.664	ppbv	98
71) 2-Chlorotoluene	10.905	91	377690	10.440	ppbv	97
72) 4-Ethyltoluene	11.128	105	418156	10.447	ppbv	98
73) 1,3,5-Trimethylbenzene	11.206	105	345311	10.424	ppbv	98
74) 1,2,4-Trimethylbenzene	11.539	105	384125	10.449	ppbv	96
75) 1,3-Dichlorobenzene	11.610	146	238334	10.324	ppbv	100
76) 1,4-Dichlorobenzene	11.675	146	239024	10.381	ppbv	99
77) 1,2-Dichlorobenzene	11.950	146	227856	10.170	ppbv	100
78) Hexachloro-1,3-Butadiene	13.882	225	168434	9.086	ppbv	99
79) Naphthalene	13.513	128	373656	10.783	ppbv	99
80) Naphthalene,2-methyl-	14.458	142	184610	11.792	ppbv	99
81) 1,2,4-Trichlorobenzene	13.442	180	197629	10.217	ppbv	99

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

Manual Integrations

Quant Time: Jun 06 01:38:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Fri May 30 02:01:56 2025
Response via : Initial Calibration





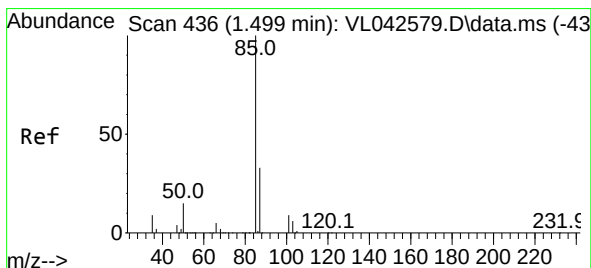
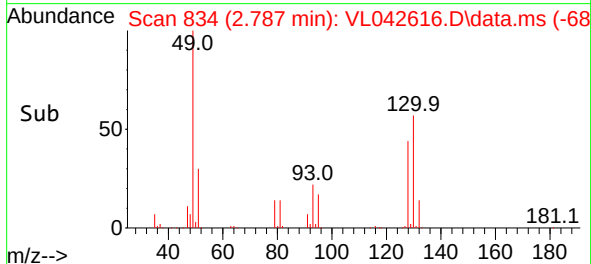
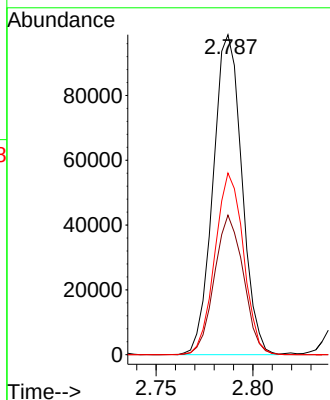
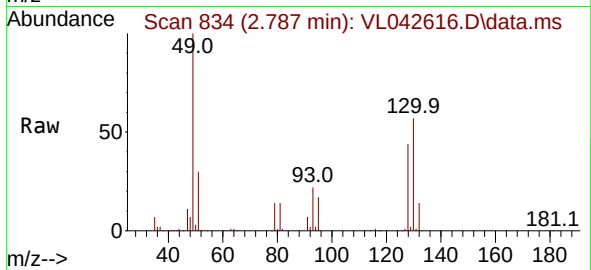
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 835
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01

Tgt Ion: 49 Resp: 102194
Ion Ratio Lower Upper
49 100
128 43.8 24.2 72.6
130 56.2 30.4 91.2

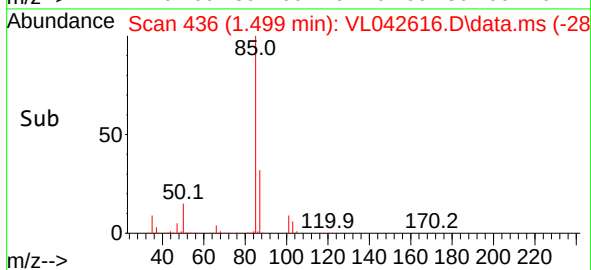
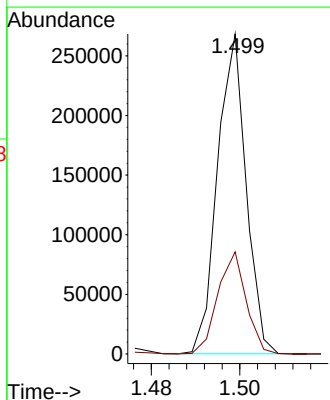
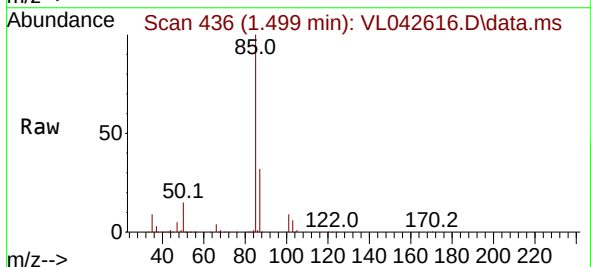
Manual Integrations
APPROVED

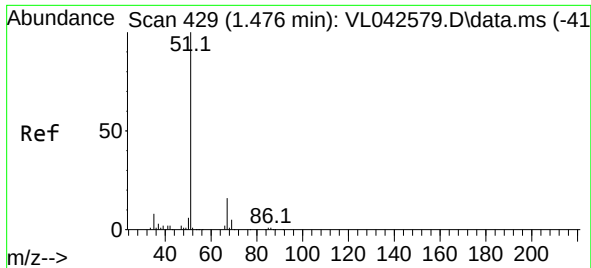
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025



#2
Dichlorodifluoromethane
Concen: 9.554 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

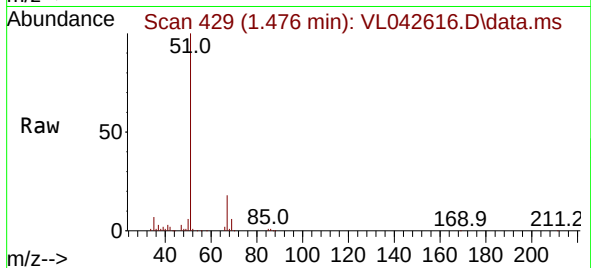
Tgt Ion: 85 Resp: 119998
Ion Ratio Lower Upper
85 100
87 31.9 26.6 39.8





#3
Chlorodifluoromethane
Concen: 9.303 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

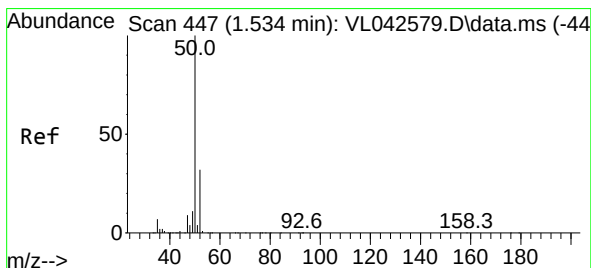
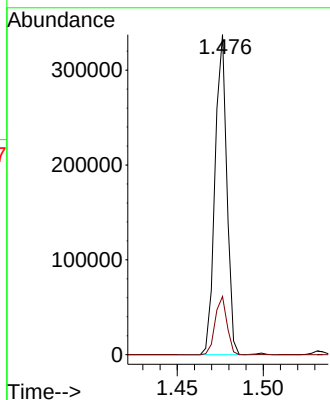
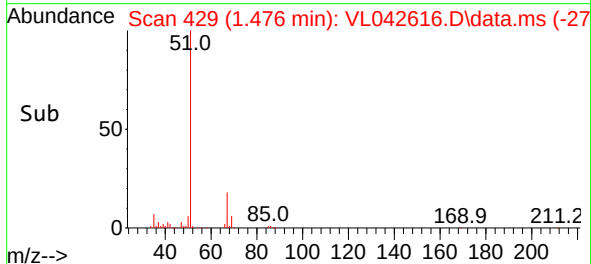
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01



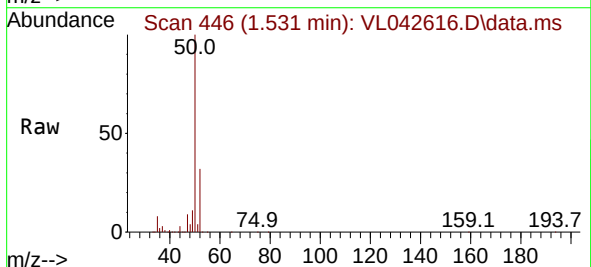
Tgt Ion: 51 Resp: 160920
Ion Ratio Lower Upper
51 100
67 18.2 13.4 20.2

Manual Integrations
APPROVED

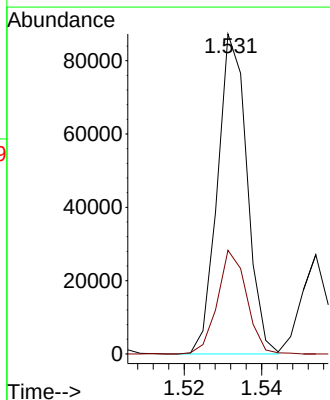
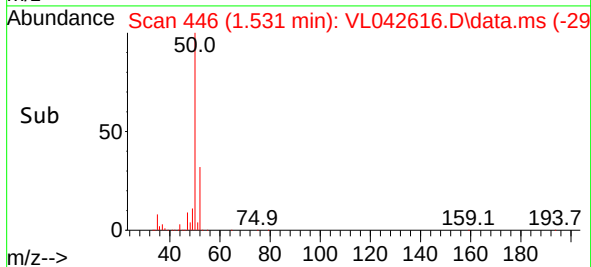
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025

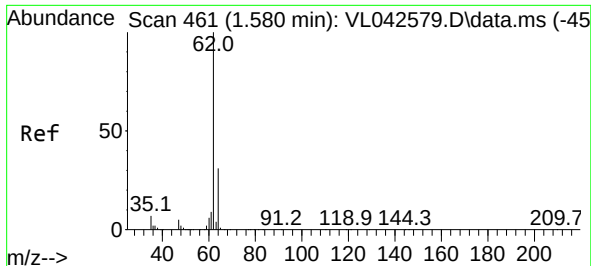


#4
Chloromethane
Concen: 9.278 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56



Tgt Ion: 50 Resp: 46147
Ion Ratio Lower Upper
50 100
52 32.4 25.8 38.6





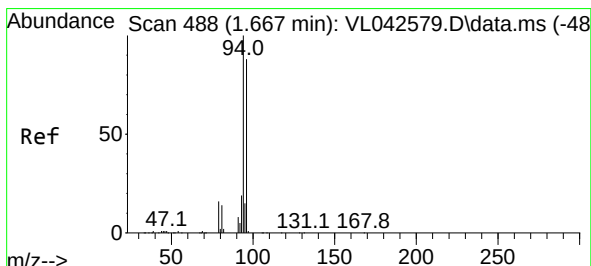
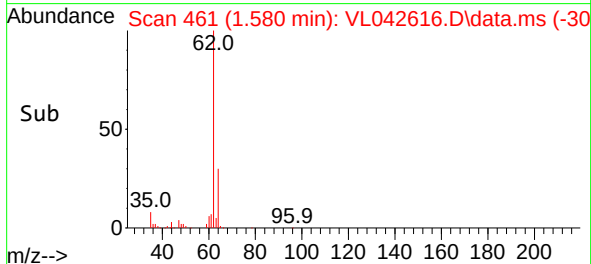
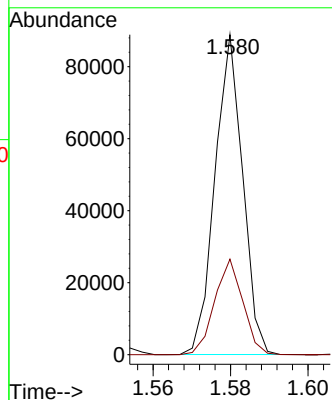
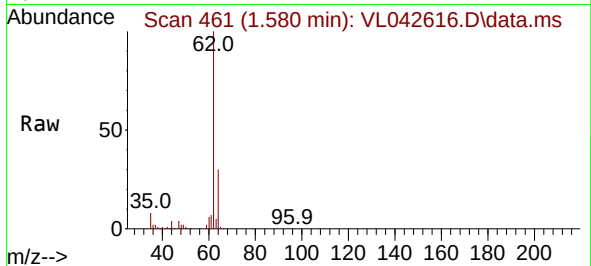
#5
 Vinyl Chloride
 Concen: 8.731 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.000 min
 Lab File: VL042616.D
 Acq: 05 Jun 2025 10:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0605ABS01

Tgt Ion: 62 Resp: 44230
 Ion Ratio Lower Upper
 62 100
 64 29.8 24.9 37.3

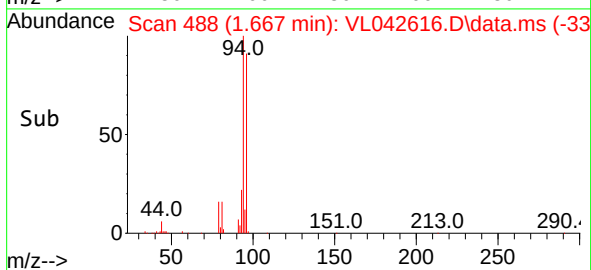
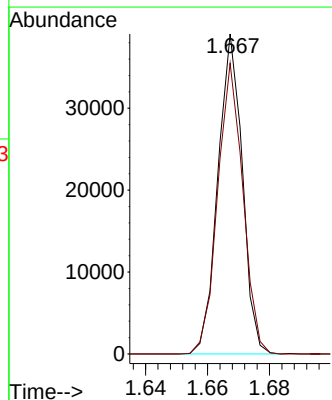
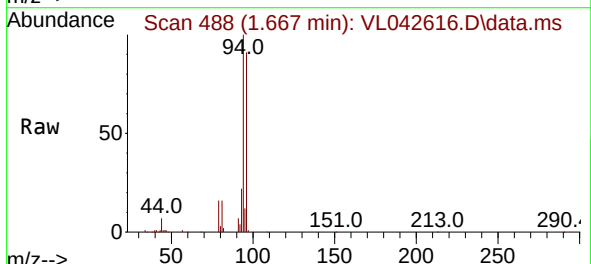
Manual Integrations
 APPROVED

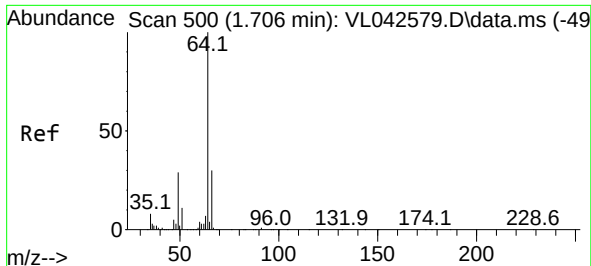
Reviewed By :Semsettin Yesilyurt 06/06/2025
 Supervised By :Mahesh Dadoda 06/06/2025



#6
 Bromomethane
 Concen: 8.661 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VL042616.D
 Acq: 05 Jun 2025 10:56

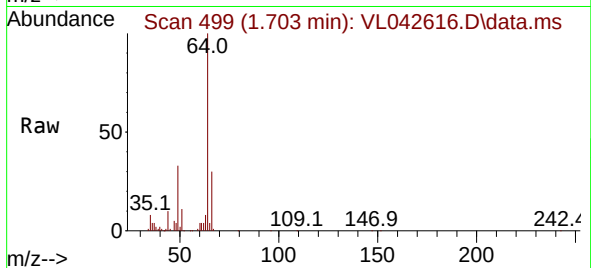
Tgt Ion: 94 Resp: 21360
 Ion Ratio Lower Upper
 94 100
 96 90.9 70.7 106.1





#7
Chloroethane
Concen: 8.822 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

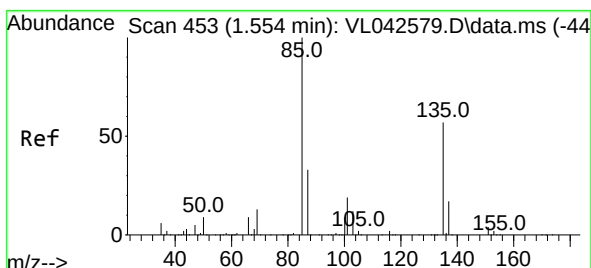
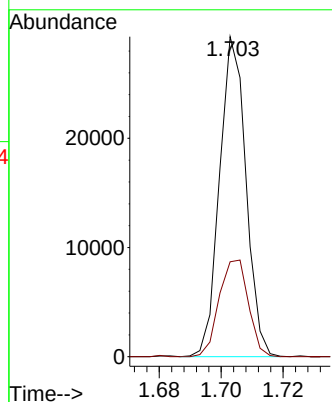
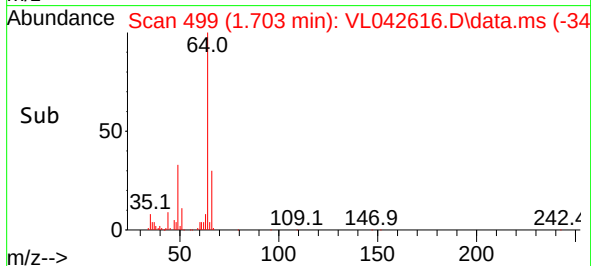
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01



Tgt Ion: 64 Resp: 1736
Ion Ratio Lower Upper
64 100
66 29.6 24.3 36.5

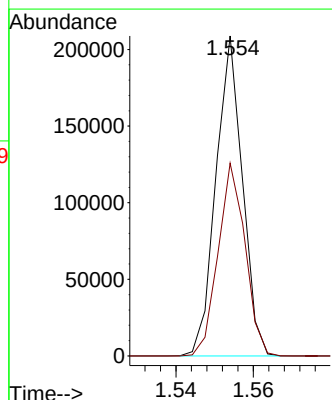
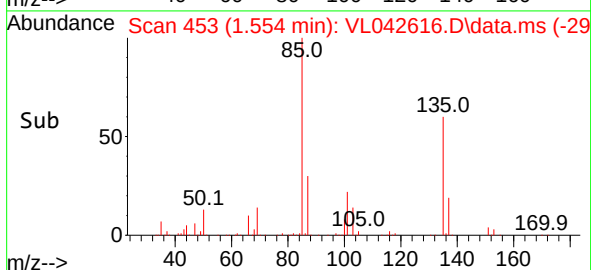
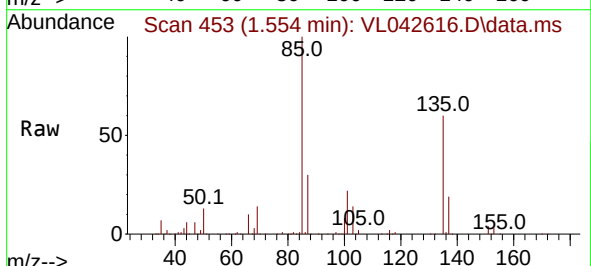
Manual Integrations
APPROVED

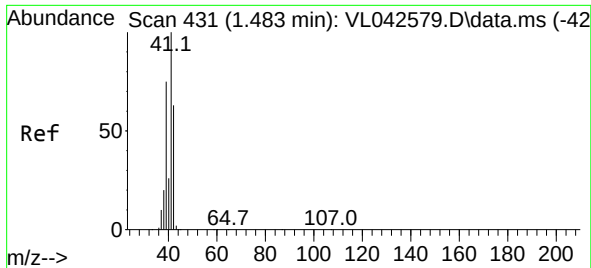
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025



#8
Dichlorotetrafluoroethane
Concen: 9.480 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.000 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

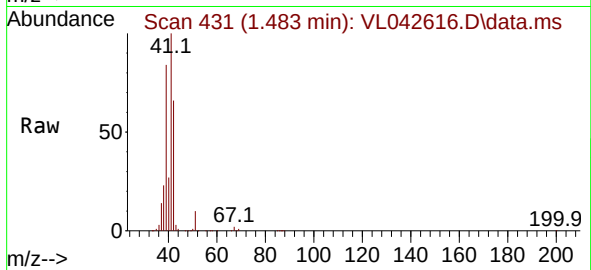
Tgt Ion: 85 Resp: 99214
Ion Ratio Lower Upper
85 100
135 61.5 50.2 75.4





#9
 Propene
 Concen: 8.753 ppbv
 RT: 1.483 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL042616.D
 Acq: 05 Jun 2025 10:56

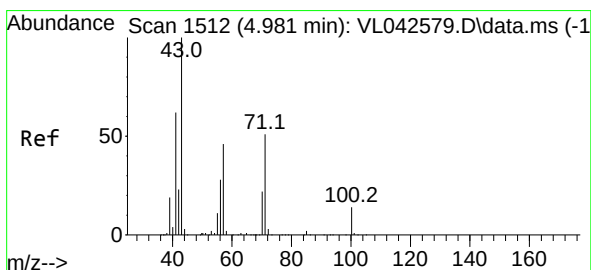
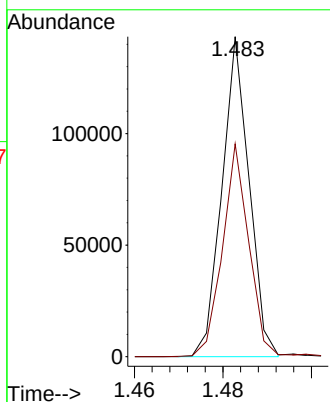
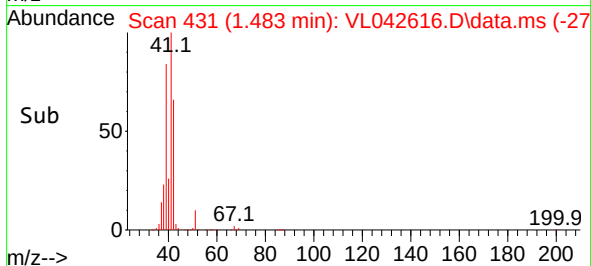
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0605ABS01



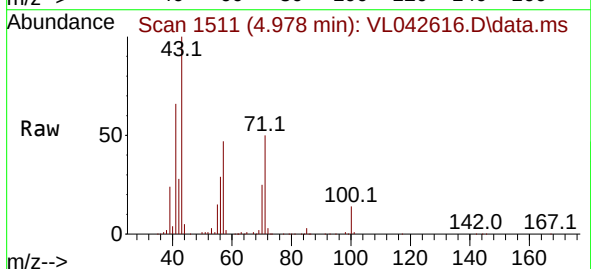
Tgt Ion: 41 Resp: 60975
 Ion Ratio Lower Upper
 41 100
 42 65.4 53.3 79.9

Manual Integrations
 APPROVED

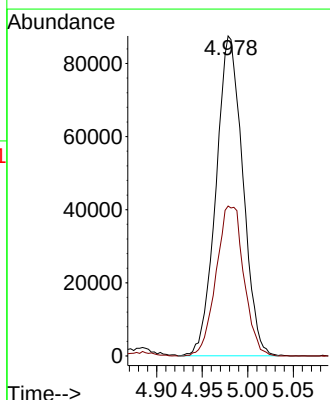
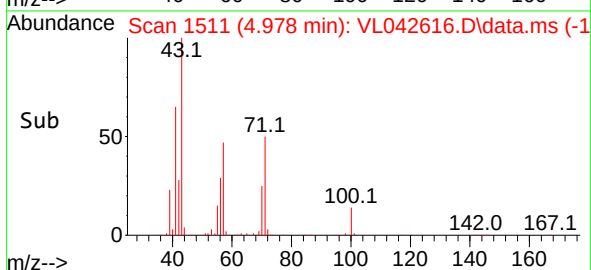
Reviewed By :Semsettin Yesilyurt 06/06/2025
 Supervised By :Mahesh Dadoda 06/06/2025

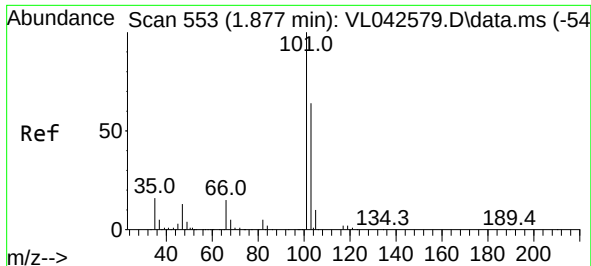


#10
 Heptane
 Concen: 9.081 ppbv
 RT: 4.978 min Scan# 1511
 Delta R.T. -0.003 min
 Lab File: VL042616.D
 Acq: 05 Jun 2025 10:56



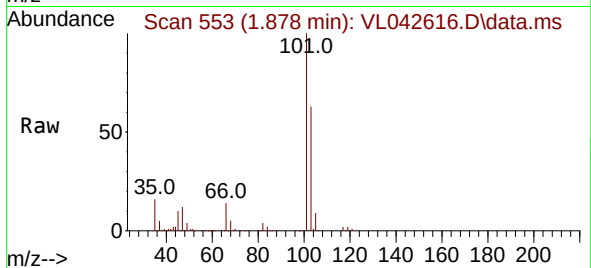
Tgt Ion: 43 Resp: 178322
 Ion Ratio Lower Upper
 43 100
 57 48.7 38.9 58.3





#11
 Trichlorofluoromethane
 Concen: 9.872 ppbv
 RT: 1.878 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VL042616.D
 Acq: 05 Jun 2025 10:56

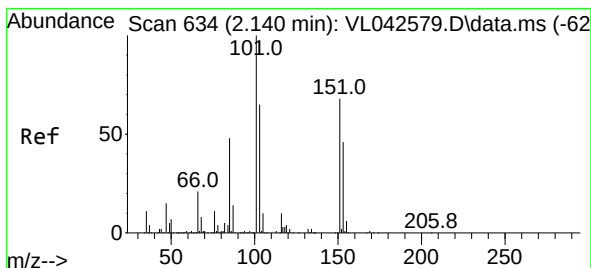
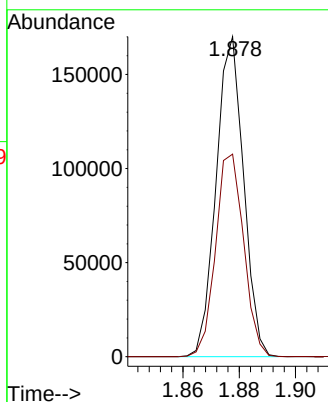
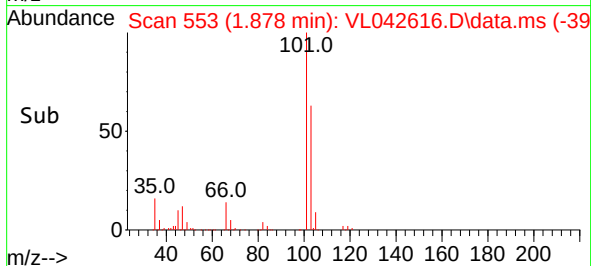
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0605ABS01



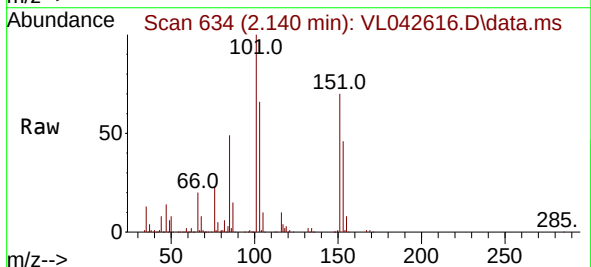
Tgt Ion:101 Resp: 115370
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.5 77.3

Manual Integrations
 APPROVED

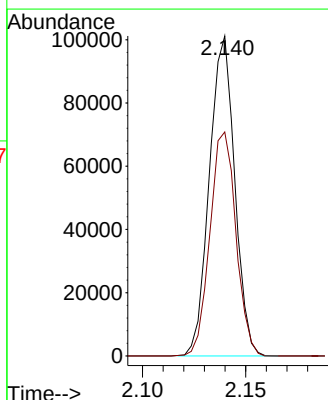
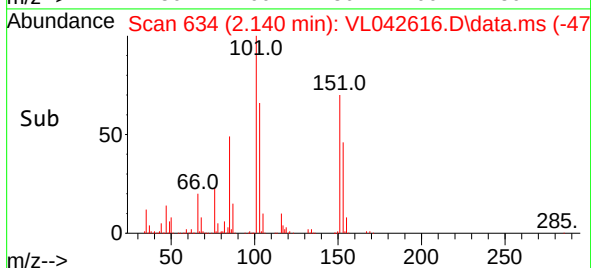
Reviewed By :Semsettin Yesilyurt 06/06/2025
 Supervised By :Mahesh Dadoda 06/06/2025

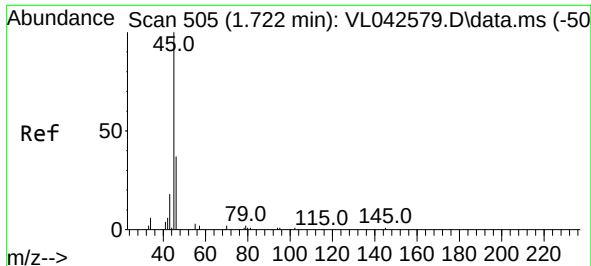


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.407 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. 0.000 min
 Lab File: VL042616.D
 Acq: 05 Jun 2025 10:56



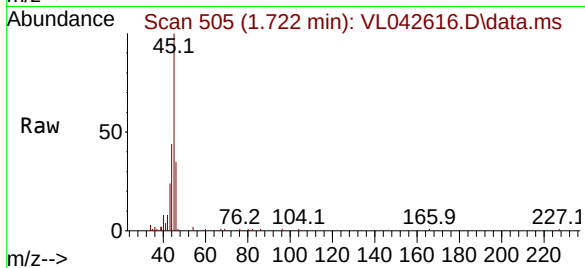
Tgt Ion:101 Resp: 86322
 Ion Ratio Lower Upper
 101 100
 151 71.9 55.3 82.9





#13
Ethanol
Concen: 5.610 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.000 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

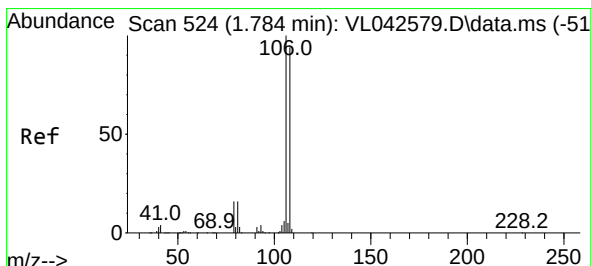
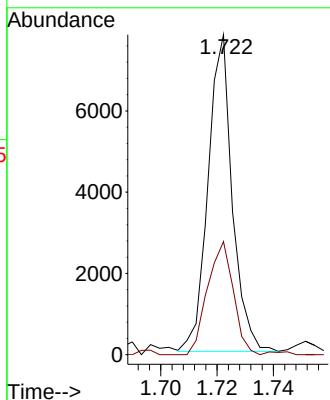
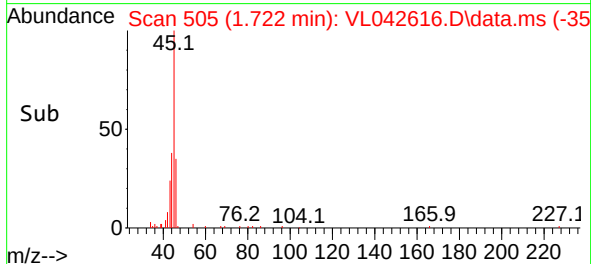
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01



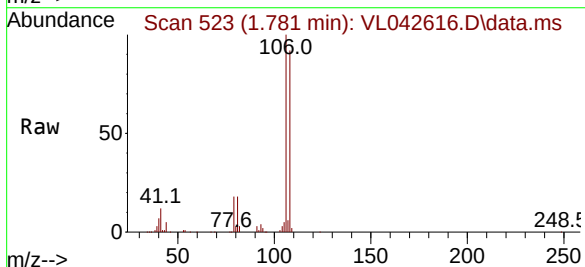
Tgt Ion: 45 Resp: 465
Ion Ratio Lower Upper
45 100
46 39.7 14.5 58.1

Manual Integrations
APPROVED

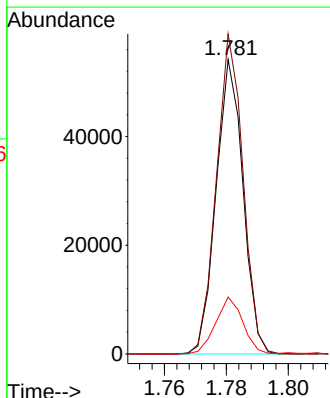
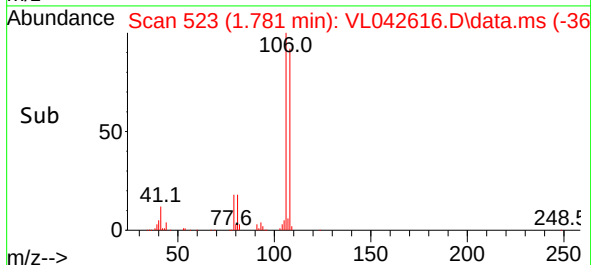
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025

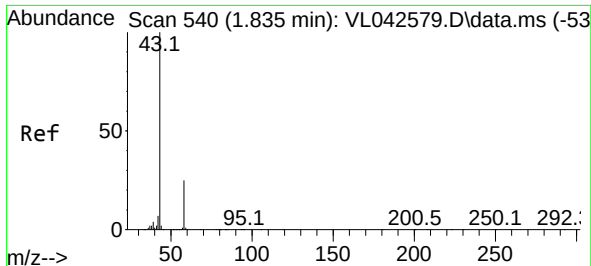


#14
Bromoethene
Concen: 9.453 ppbv
RT: 1.781 min Scan# 523
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56



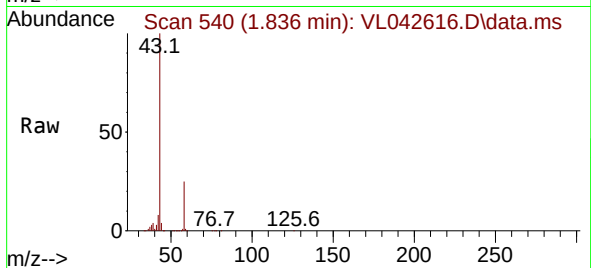
Tgt Ion:108 Resp: 32629
Ion Ratio Lower Upper
108 100
106 107.5 87.9 131.9
79 20.1 15.6 23.4





#15
Acetone
Concen: 7.877 ppbv
RT: 1.836 min Scan# 540
Delta R.T. 0.000 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

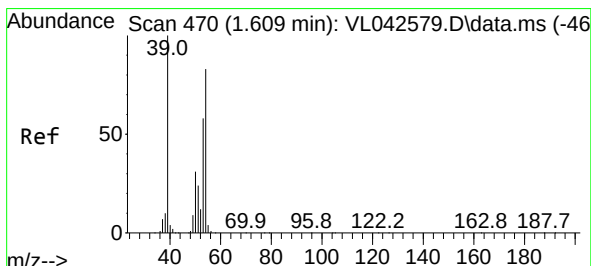
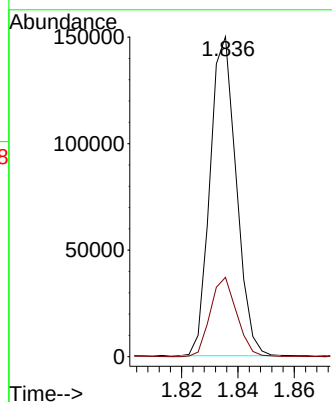
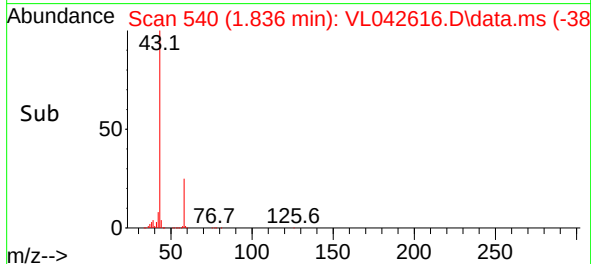
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01



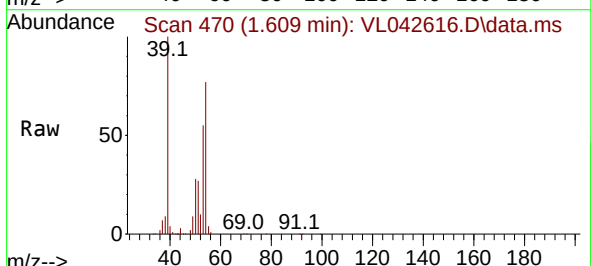
Tgt Ion: 43 Resp: 9696
Ion Ratio Lower Upper
43 100
58 25.3 21.0 31.4

Manual Integrations
APPROVED

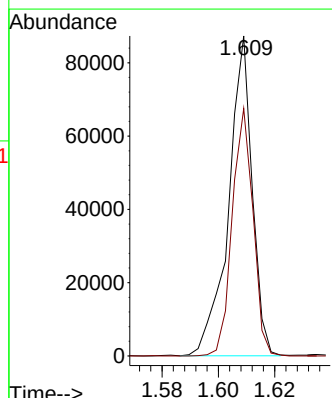
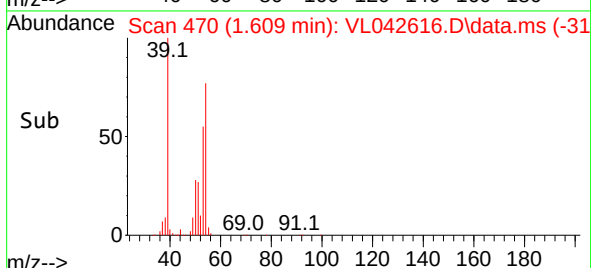
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025

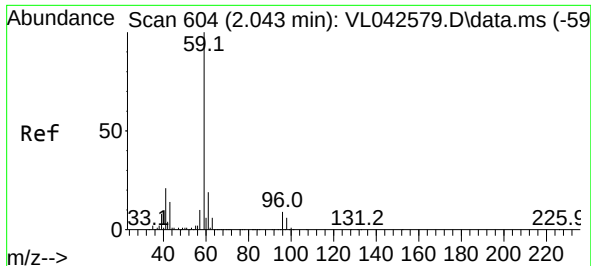


#16
1,3-Butadiene
Concen: 8.710 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.000 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56



Tgt Ion: 39 Resp: 50791
Ion Ratio Lower Upper
39 100
54 68.2 57.9 86.9





#17

tert-Butyl alcohol

Concen: 8.893 ppbv

RT: 2.039 min Scan# 604

Delta R.T. -0.003 min

Lab File: VL042616.D

Acq: 05 Jun 2025 10:56

Instrument :

MSVOA_L

ClientSampleId :

VL0605ABS01

Tgt Ion: 59 Resp: 11404

Ion Ratio Lower Upper

59 100

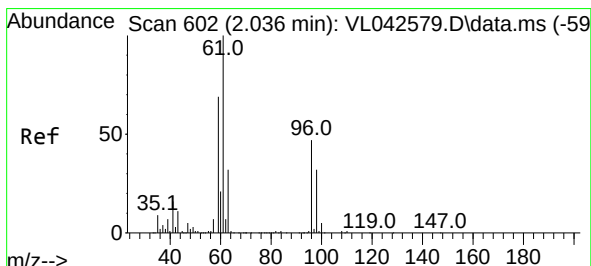
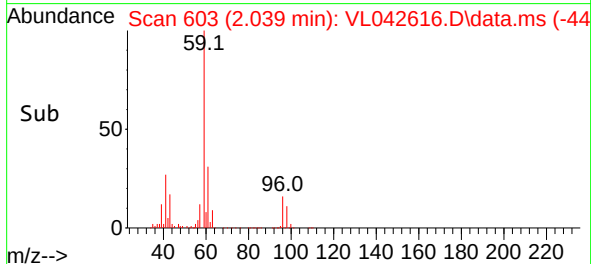
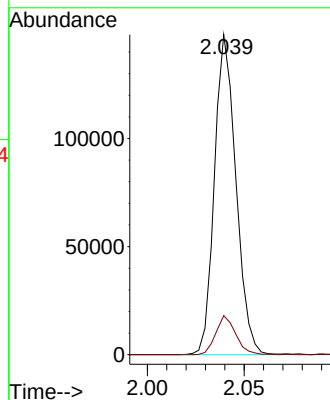
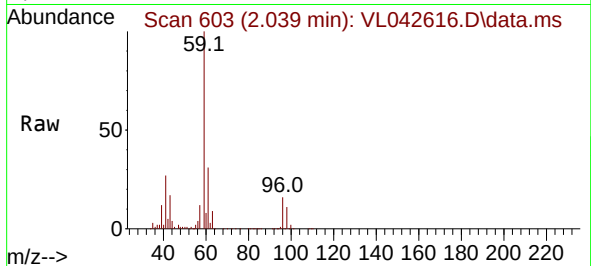
57 11.4 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2025

Supervised By :Mahesh Dadoda 06/06/2025



#18

1,1-Dichloroethene

Concen: 9.262 ppbv

RT: 2.033 min Scan# 601

Delta R.T. -0.003 min

Lab File: VL042616.D

Acq: 05 Jun 2025 10:56

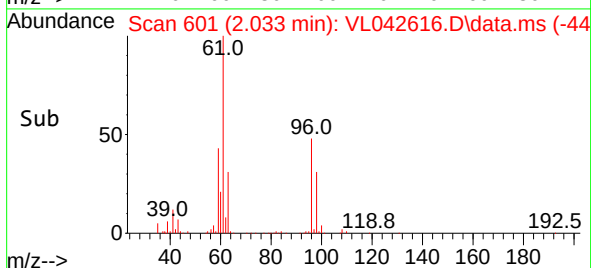
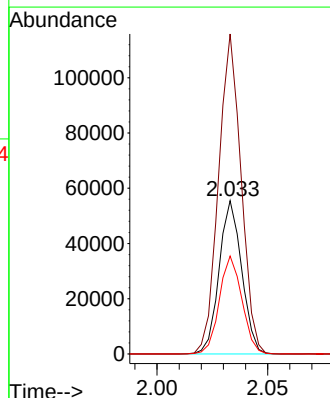
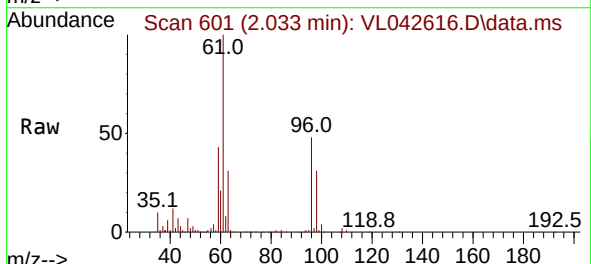
Tgt Ion: 96 Resp: 39395

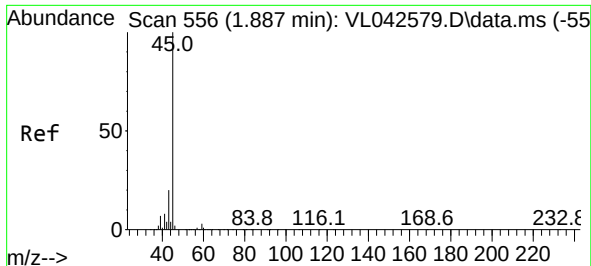
Ion Ratio Lower Upper

96 100

61 208.7 171.1 256.7

98 63.9 54.4 81.6





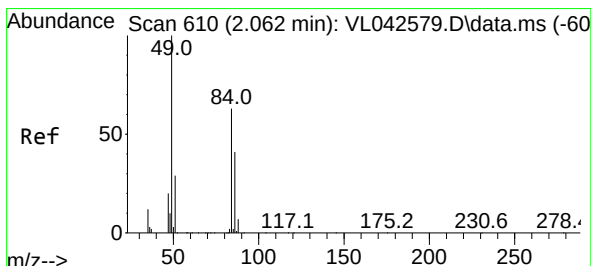
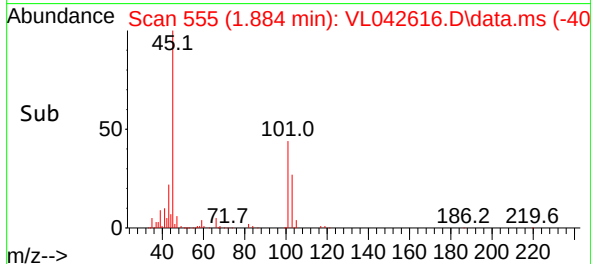
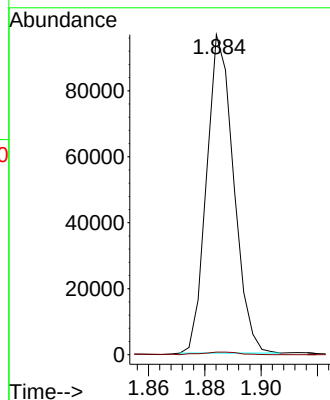
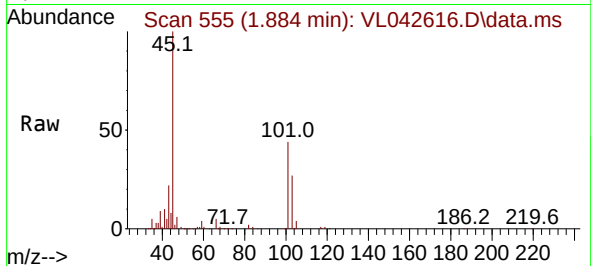
#19
Isopropyl Alcohol
Concen: 8.757 ppbv
RT: 1.884 min Scan# 511
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01

Tgt Ion: 45 Resp: 6444
Ion Ratio Lower Upper
45 100
58 38.1 29.4 44.2

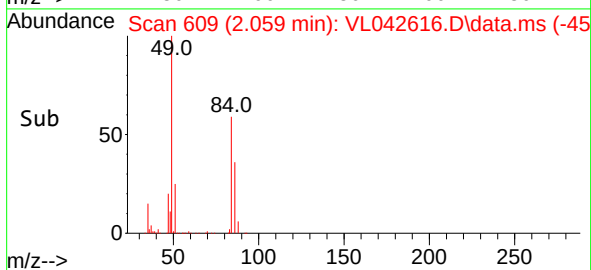
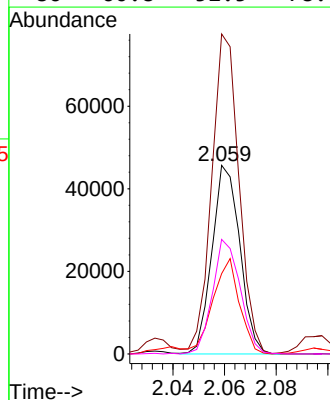
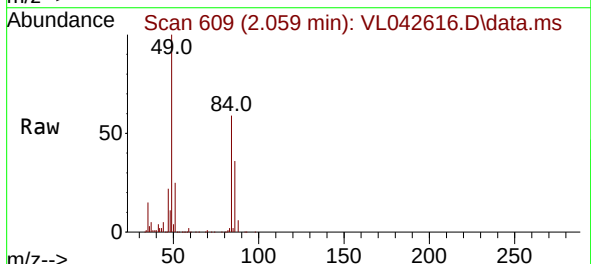
Manual Integrations
APPROVED

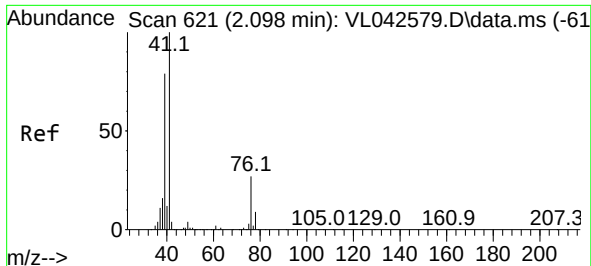
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025



#20
Methylene Chloride
Concen: 8.431 ppbv
RT: 2.059 min Scan# 609
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

Tgt Ion: 84 Resp: 34250
Ion Ratio Lower Upper
84 100
49 169.1 128.8 193.2
51 42.1 38.6 57.8
86 60.8 52.5 78.7





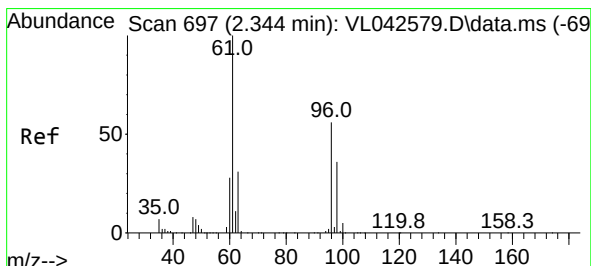
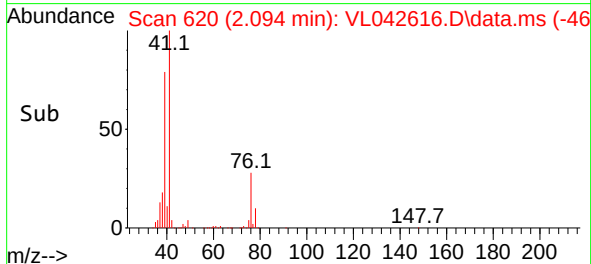
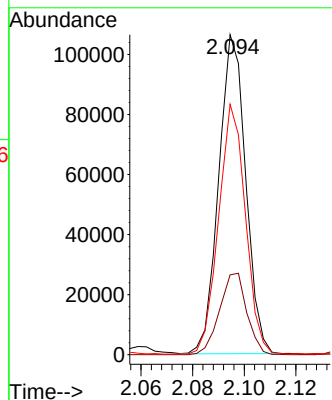
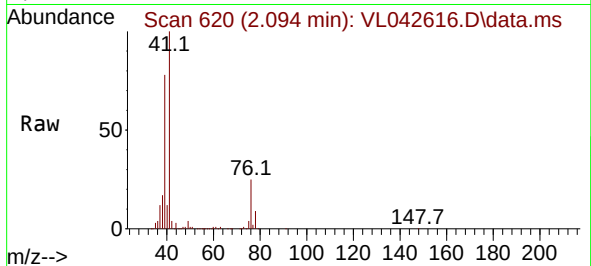
#21
Allyl Chloride
Concen: 8.874 ppbv
RT: 2.094 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01

Tgt Ion: 41 Resp: 77070
Ion Ratio Lower Upper
41 100
76 25.8 21.2 31.8
39 77.9 60.9 91.3

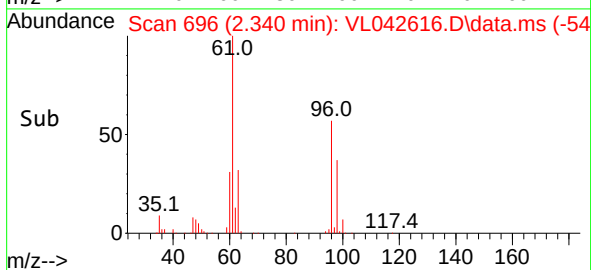
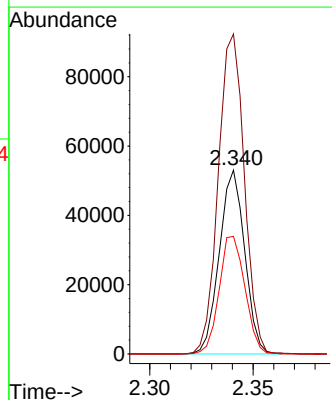
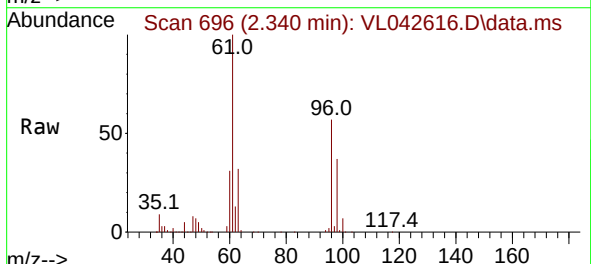
Manual Integrations
APPROVED

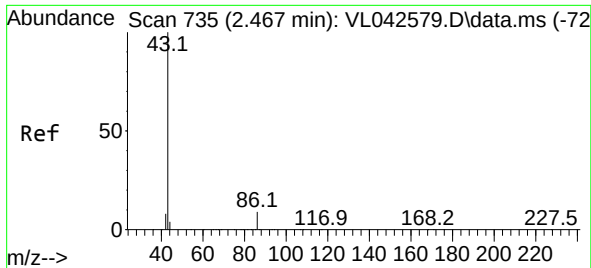
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025



#22
trans-1,2-Dichloroethene
Concen: 9.547 ppbv
RT: 2.340 min Scan# 696
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

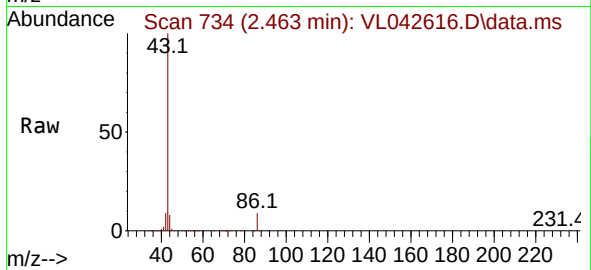
Tgt Ion: 96 Resp: 45356
Ion Ratio Lower Upper
96 100
61 174.1 142.6 214.0
98 64.0 51.0 76.4





#23
 Vinyl Acetate
 Concen: 10.268 ppbv
 RT: 2.463 min Scan# 717
 Delta R.T. -0.003 min
 Lab File: VL042616.D
 Acq: 05 Jun 2025 10:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0605ABS01

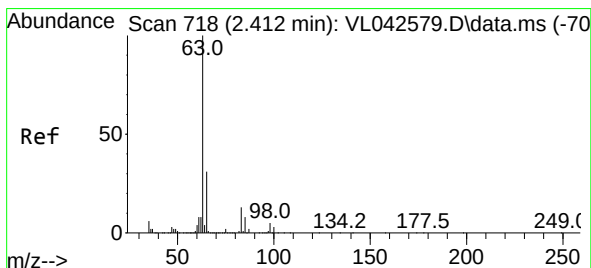
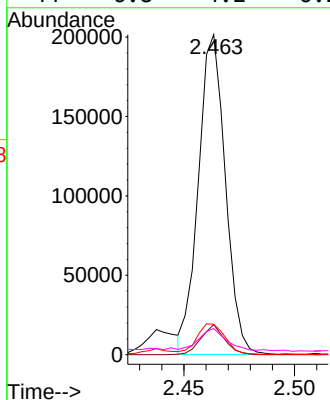
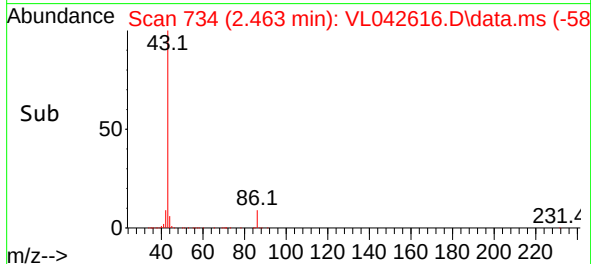


Tgt Ion: 43 Resp: 17085

Ion	Ratio	Lower	Upper
43	100		
86	9.4	6.6	9.8
42	9.4	7.0	10.4
44	6.8	4.2	6.2

Manual Integrations
 APPROVED

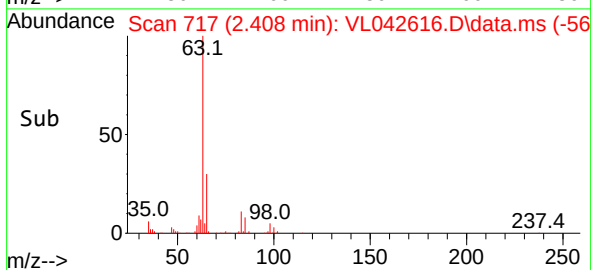
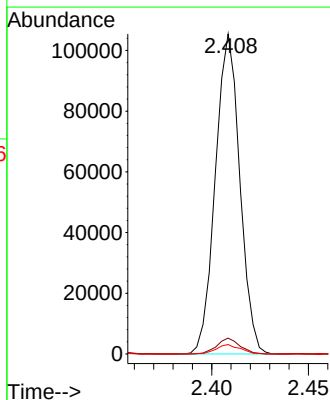
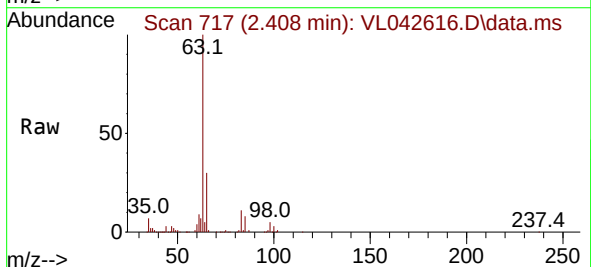
Reviewed By :Semsettin Yesilyurt 06/06/2025
 Supervised By :Mahesh Dadoda 06/06/2025

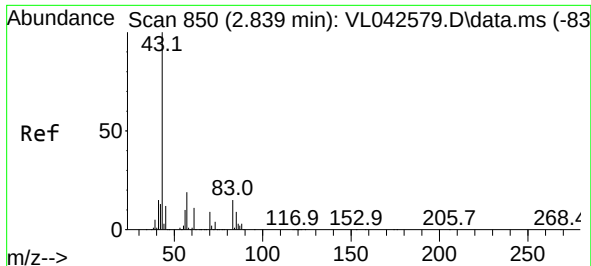


#24
 1,1-Dichloroethane
 Concen: 9.460 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. -0.003 min
 Lab File: VL042616.D
 Acq: 05 Jun 2025 10:56

Tgt Ion: 63 Resp: 92472

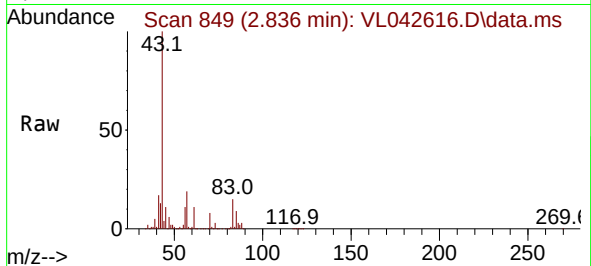
Ion	Ratio	Lower	Upper
63	100		
98	4.9	2.4	7.1
100	3.0	1.4	4.0





#25
Ethyl Acetate
Concen: 9.412 ppbv
RT: 2.836 min Scan# 84
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

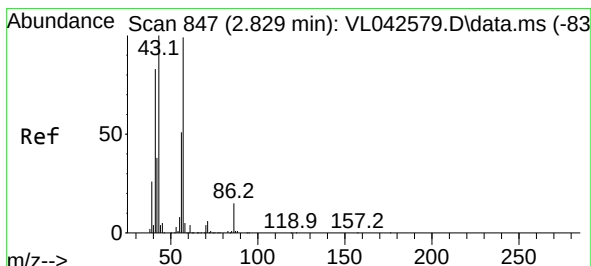
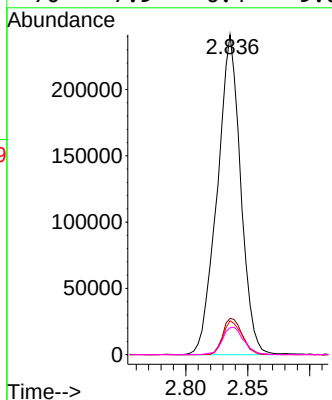
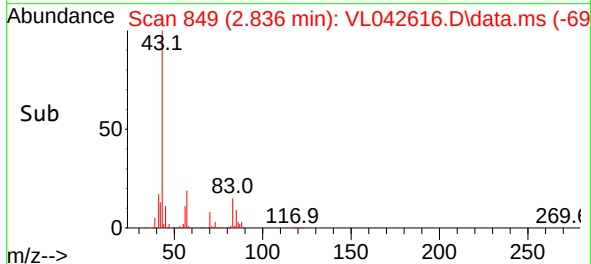
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01



Tgt Ion: 43 Resp: 317040
Ion Ratio Lower Upper
43 100
45 9.5 8.2 12.2
61 8.7 7.1 10.7
70 7.9 6.4 9.6

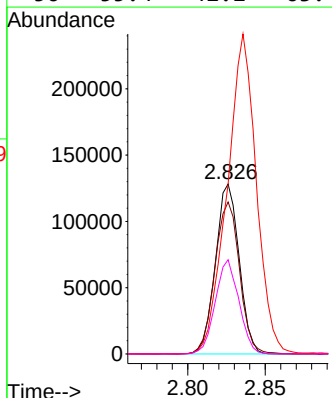
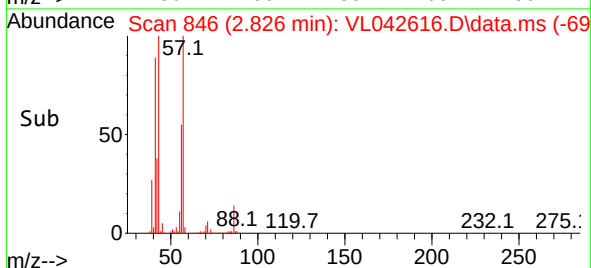
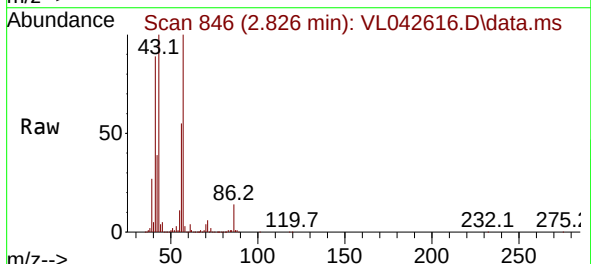
Manual Integrations
APPROVED

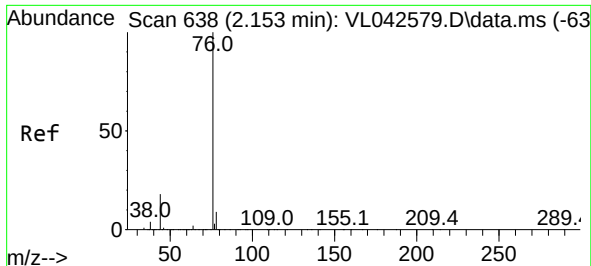
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025



#26
Hexane
Concen: 8.896 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

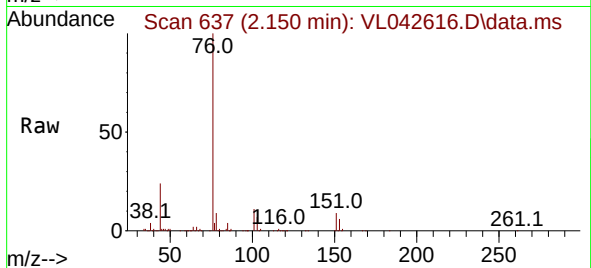
Tgt Ion: 57 Resp: 136168
Ion Ratio Lower Upper
57 100
41 93.6 70.6 106.0
43 233.7 181.1 271.7
56 55.4 42.2 63.4





#27
Carbon Disulfide
Concen: 9.331 ppbv
RT: 2.150 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

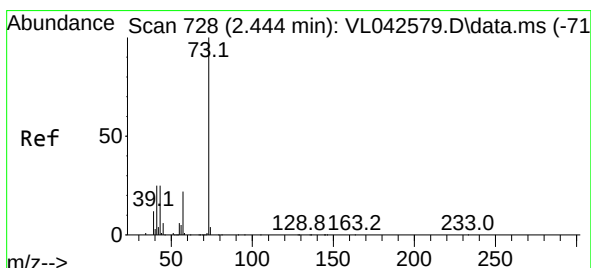
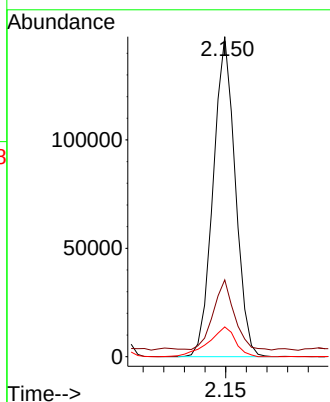
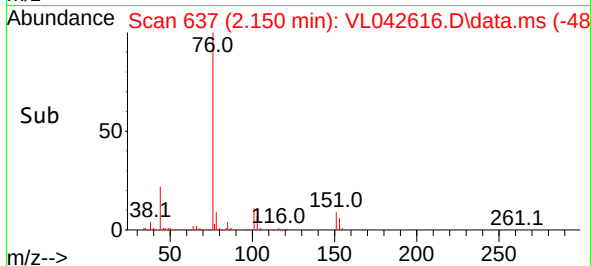
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01



Tgt Ion: 76 Resp: 109644
Ion Ratio Lower Upper
76 100
44 22.9 21.3 31.9
78 11.4 9.4 14.0

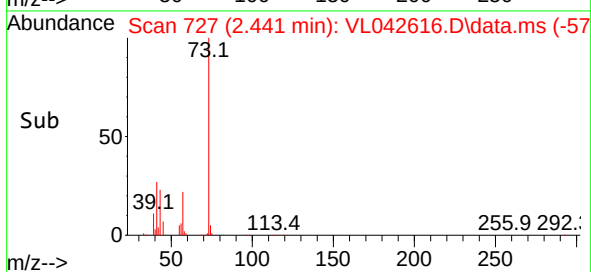
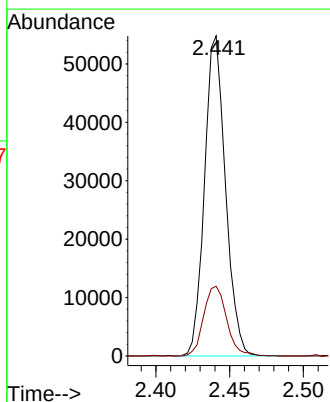
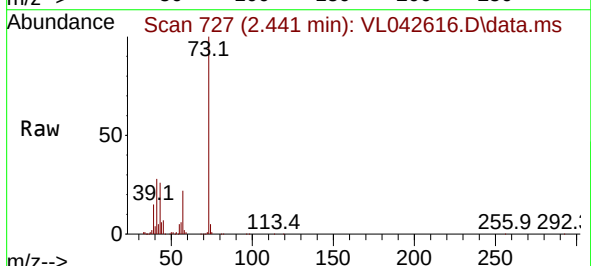
Manual Integrations
APPROVED

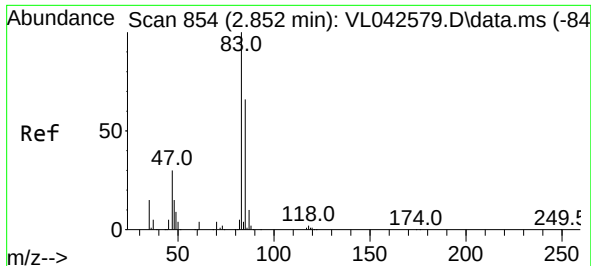
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025



#28
Methyl tert-Butyl Ether
Concen: 8.710 ppbv
RT: 2.441 min Scan# 727
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

Tgt Ion: 73 Resp: 54102
Ion Ratio Lower Upper
73 100
57 23.9 19.9 29.9





#29

Chloroform

Concen: 9.983 ppbv

RT: 2.849 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL042616.D

Acq: 05 Jun 2025 10:56

Instrument :

MSVOA_L

ClientSampleId :

VL0605ABS01

Tgt Ion: 83 Resp: 198724

Ion Ratio Lower Upper

83 100

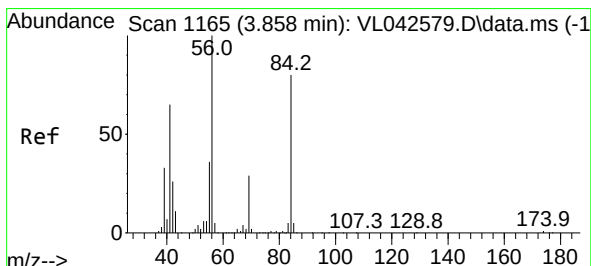
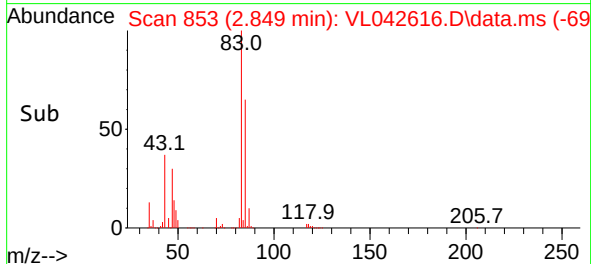
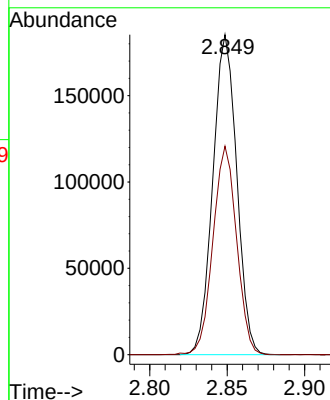
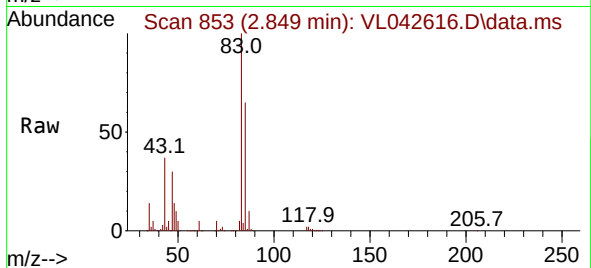
85 65.1 52.8 79.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2025

Supervised By :Mahesh Dadoda 06/06/2025



#30

Cyclohexane

Concen: 8.718 ppbv

RT: 3.855 min Scan# 1164

Delta R.T. -0.003 min

Lab File: VL042616.D

Acq: 05 Jun 2025 10:56

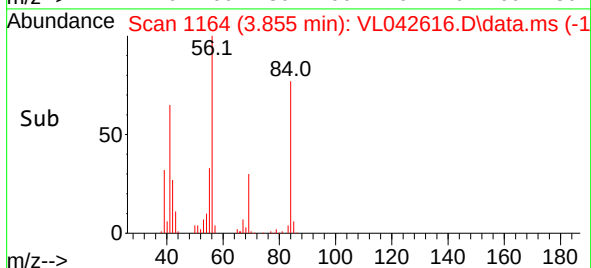
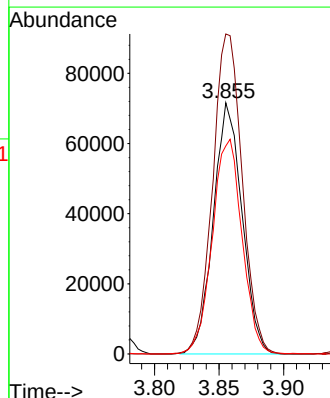
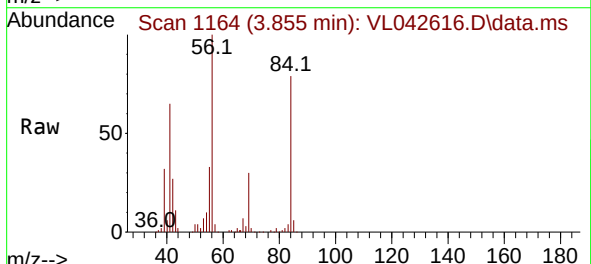
Tgt Ion: 84 Resp: 110635

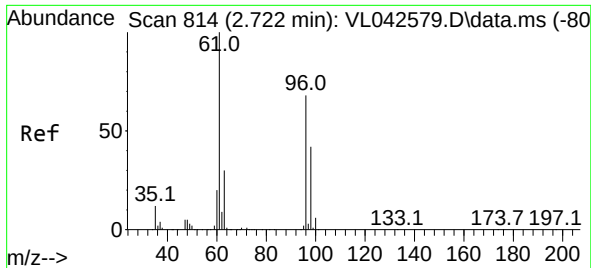
Ion Ratio Lower Upper

84 100

56 131.3 103.7 155.5

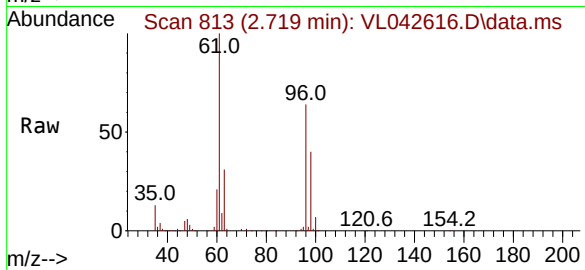
41 88.9 65.1 97.7





#31
 cis-1,2-Dichloroethene
 Concen: 9.474 ppbv
 RT: 2.719 min Scan# 814
 Delta R.T. -0.003 min
 Lab File: VL042616.D
 Acq: 05 Jun 2025 10:56

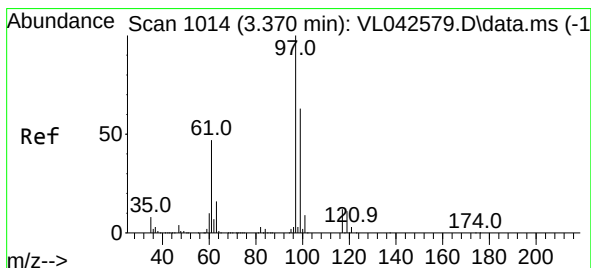
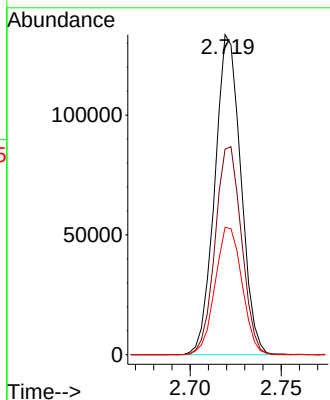
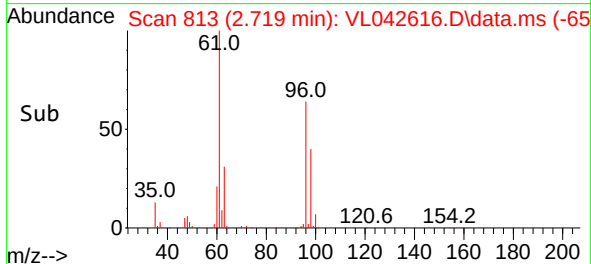
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0605ABS01



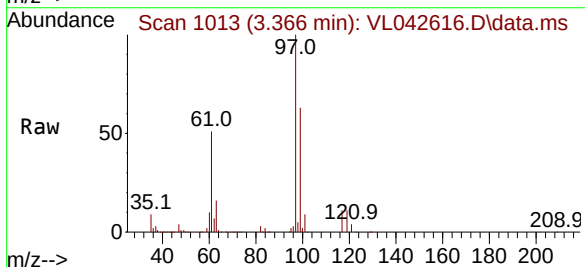
Tgt Ion: 61 Resp: 132654
 Ion Ratio Lower Upper
 61 100
 96 64.2 54.5 81.7
 98 39.8 33.4 50.2

Manual Integrations
 APPROVED

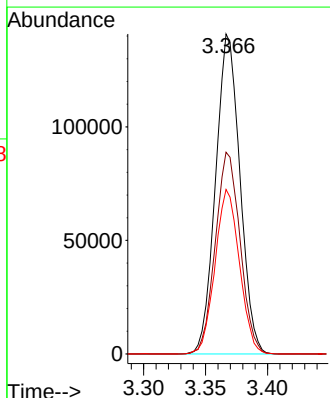
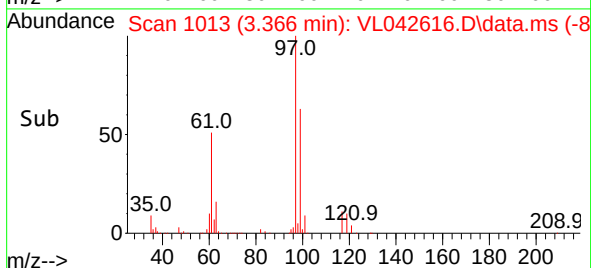
Reviewed By :Semsettin Yesilyurt 06/06/2025
 Supervised By :Mahesh Dadoda 06/06/2025

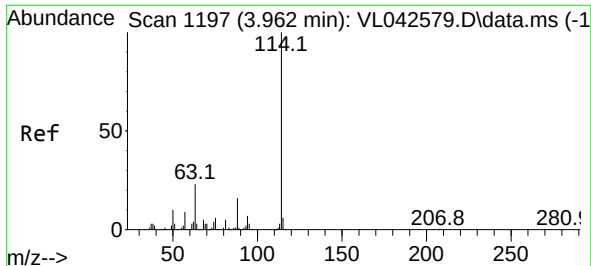


#32
 1,1,1-Trichloroethane
 Concen: 9.501 ppbv
 RT: 3.366 min Scan# 1013
 Delta R.T. -0.003 min
 Lab File: VL042616.D
 Acq: 05 Jun 2025 10:56



Tgt Ion: 97 Resp: 193227
 Ion Ratio Lower Upper
 97 100
 99 64.1 51.0 76.6
 61 51.5 39.4 59.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. -0.003 min

Lab File: VL042616.D

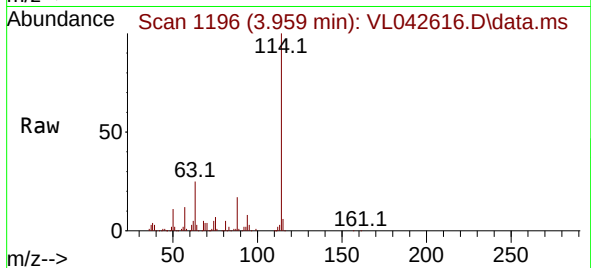
Acq: 05 Jun 2025 10:56

Instrument :

MSVOA_L

ClientSampleId :

VL0605ABS01



Tgt Ion:114 Resp: 268029

Ion Ratio Lower Upper

114 100

63 25.4 19.0 28.6

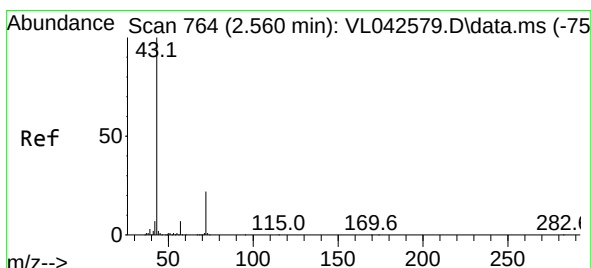
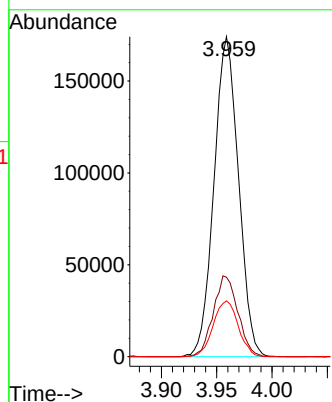
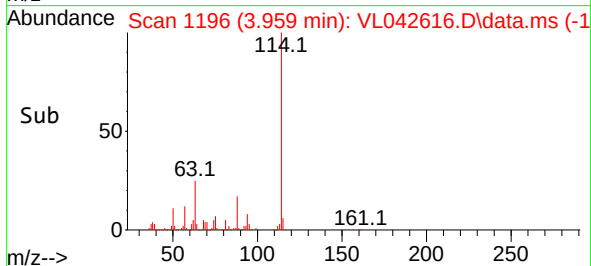
88 17.8 13.6 20.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2025

Supervised By :Mahesh Dadoda 06/06/2025



#34

2-Butanone

Concen: 10.932 ppbv

RT: 2.557 min Scan# 763

Delta R.T. -0.003 min

Lab File: VL042616.D

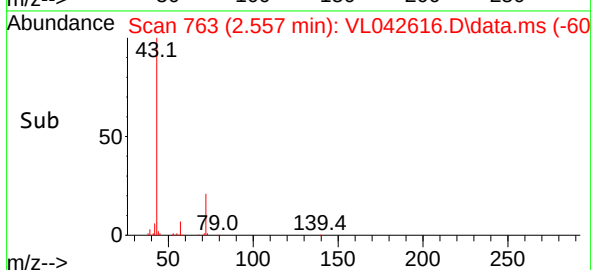
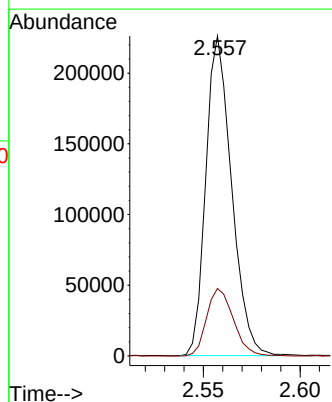
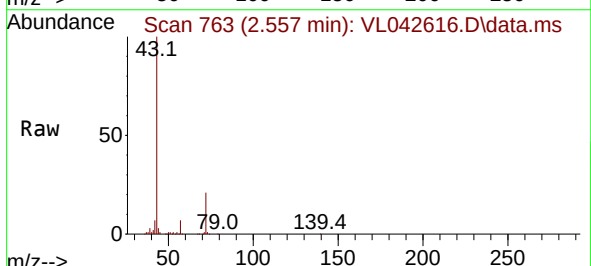
Acq: 05 Jun 2025 10:56

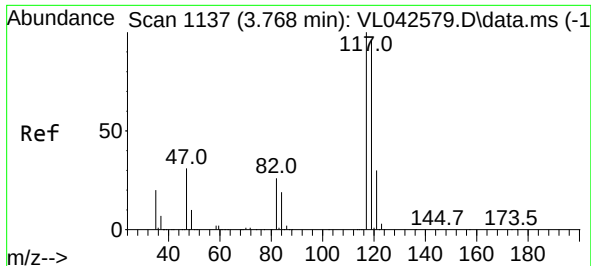
Tgt Ion: 43 Resp: 208953

Ion Ratio Lower Upper

43 100

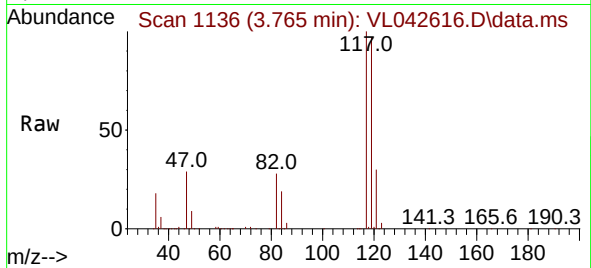
72 21.9 17.7 26.5





#35
Carbon Tetrachloride
Concen: 11.053 ppbv
RT: 3.765 min Scan# 1136
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

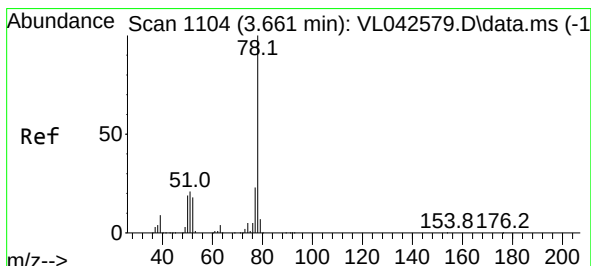
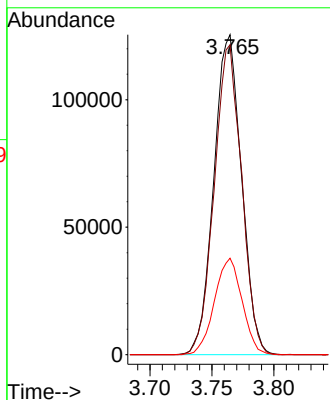
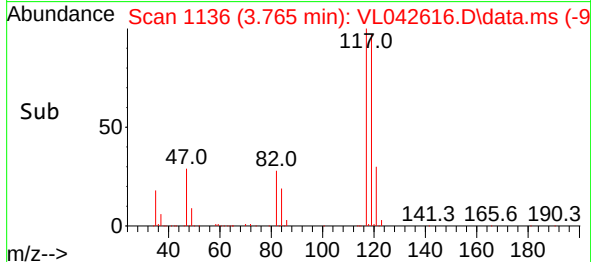
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01



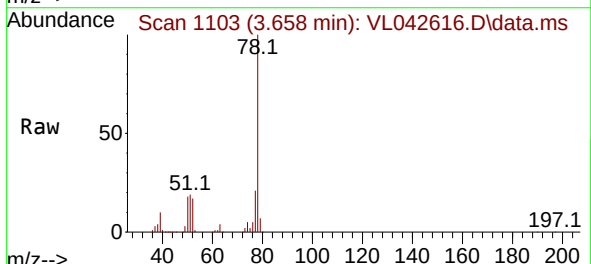
Tgt Ion:117 Resp: 195562
Ion Ratio Lower Upper
117 100
119 96.7 76.8 115.2
121 30.2 24.3 36.5

Manual Integrations
APPROVED

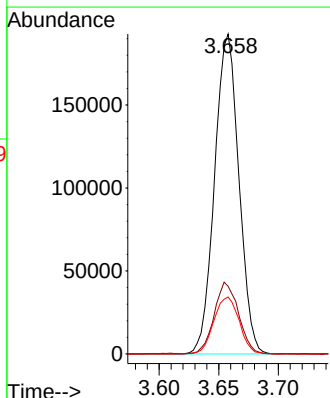
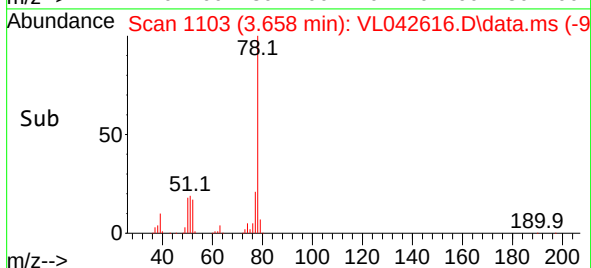
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025

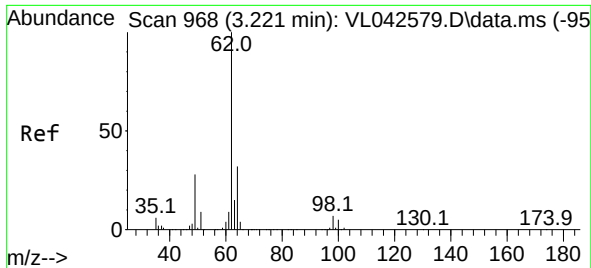


#36
Benzene
Concen: 10.344 ppbv
RT: 3.658 min Scan# 1103
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56



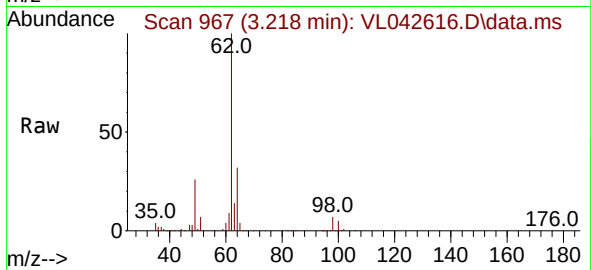
Tgt Ion: 78 Resp: 273021
Ion Ratio Lower Upper
78 100
77 21.1 18.2 27.2
50 17.7 15.2 22.8





#37
1,2-Dichloroethane
Concen: 11.554 ppbv
RT: 3.218 min Scan# 967
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

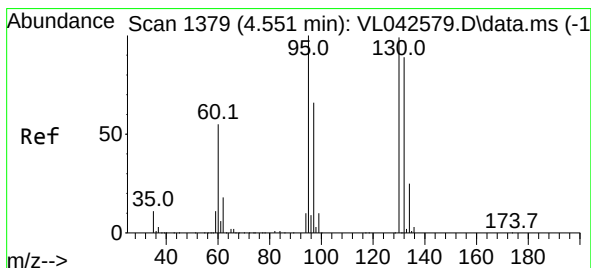
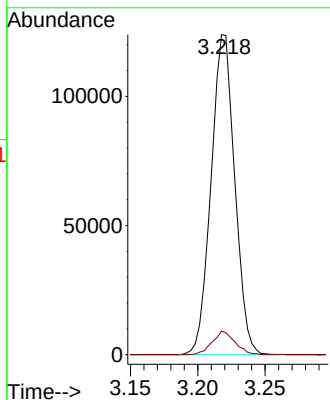
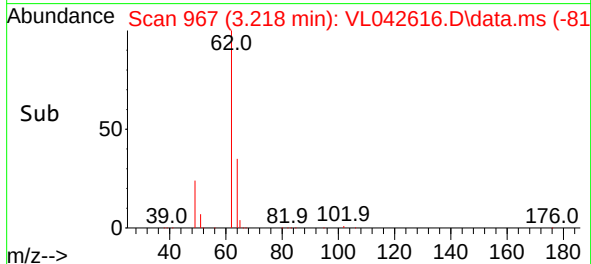
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01



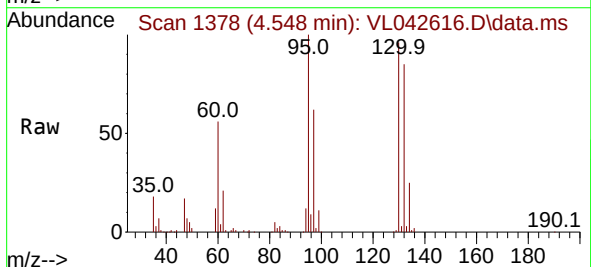
Tgt Ion: 62 Resp: 151559
Ion Ratio Lower Upper
62 100
98 7.0 6.1 9.1

Manual Integrations
APPROVED

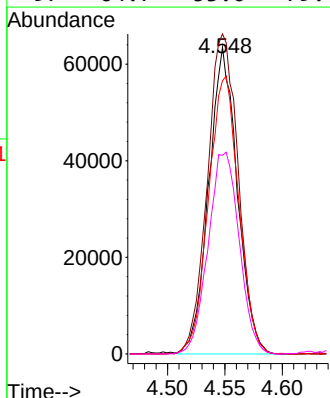
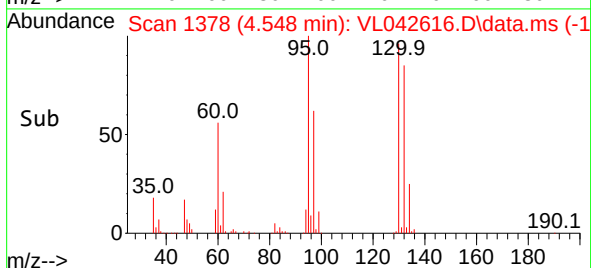
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025

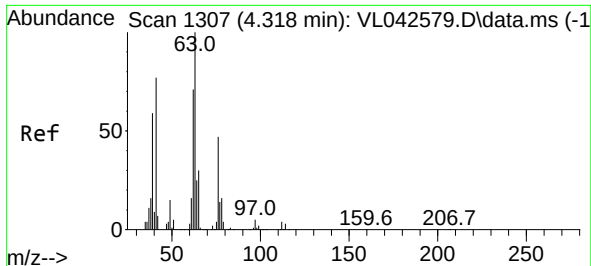


#38
Trichloroethene
Concen: 9.783 ppbv
RT: 4.548 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56



Tgt Ion:130 Resp: 109759
Ion Ratio Lower Upper
130 100
95 104.2 80.6 121.0
132 88.9 71.8 107.6
97 64.7 53.0 79.4





#39

1,2-Dichloropropane

Concen: 10.493 ppbv

RT: 4.315 min Scan# 1306

Delta R.T. -0.003 min

Lab File: VL042616.D

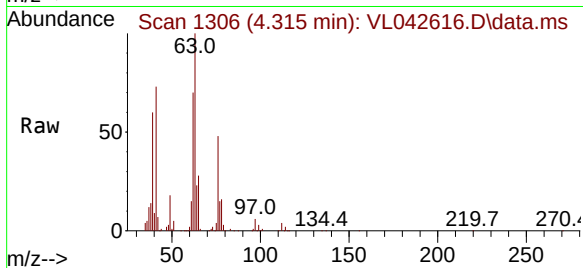
Acq: 05 Jun 2025 10:56

Instrument :

MSVOA_L

ClientSampleId :

VL0605ABS01



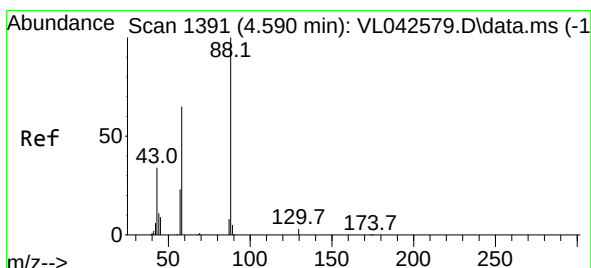
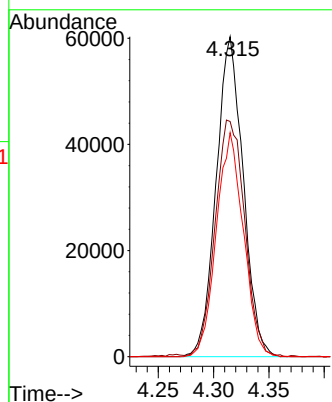
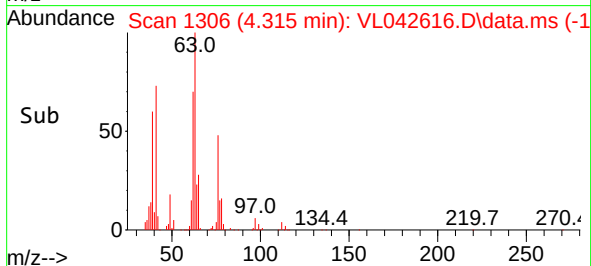
Tgt Ion: 63 Resp: 102423

Ion	Ratio	Lower	Upper
63	100		
41	73.0	61.8	92.6
62	70.0	56.6	85.0

Manual Integrations

APPROVED

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



#40

1,4-Dioxane

Concen: 10.034 ppbv

RT: 4.583 min Scan# 1389

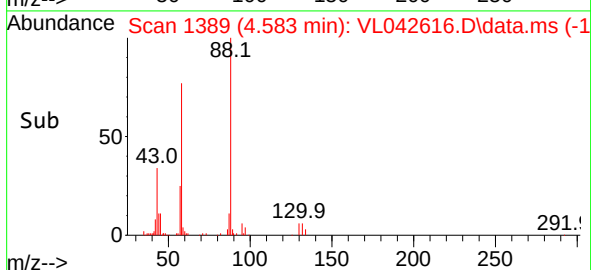
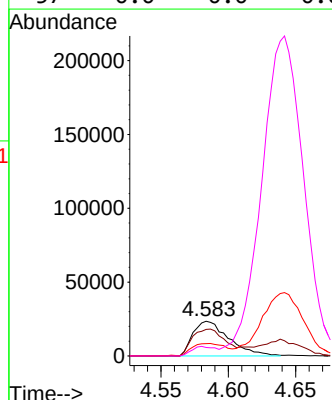
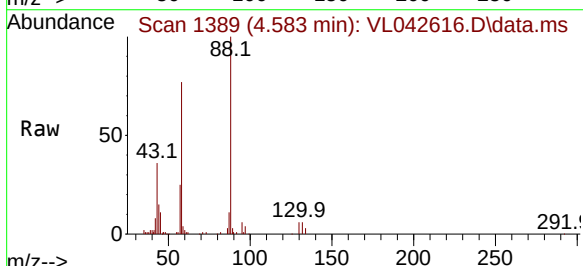
Delta R.T. -0.006 min

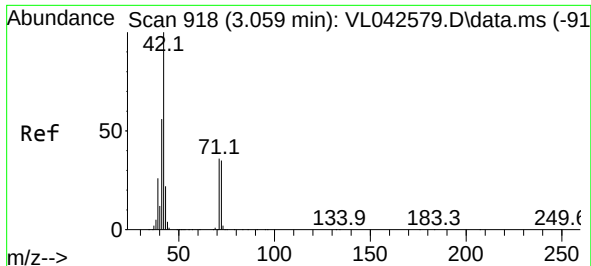
Lab File: VL042616.D

Acq: 05 Jun 2025 10:56

Tgt Ion: 88 Resp: 43825

Ion	Ratio	Lower	Upper
88	100		
58	80.9	55.8	83.8
43	0.0	24.8	37.2
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 10.317 ppbv

RT: 3.053 min Scan# 918

Delta R.T. -0.006 min

Lab File: VL042616.D

Acq: 05 Jun 2025 10:56

Instrument :

MSVOA_L

ClientSampleId :

VL0605ABS01

Tgt Ion: 42 Resp: 115430

Ion Ratio Lower Upper

42 100

72 35.2 28.9 43.3

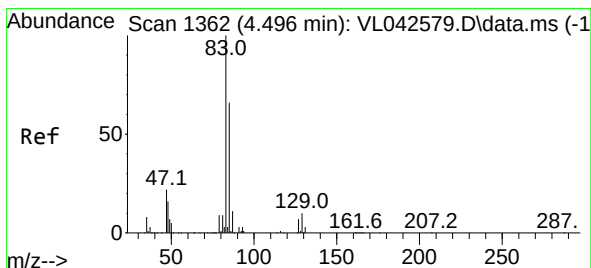
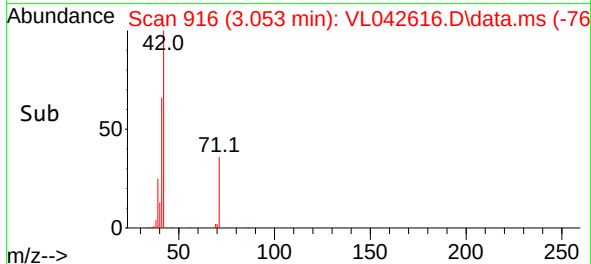
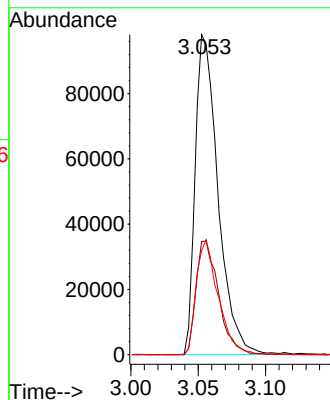
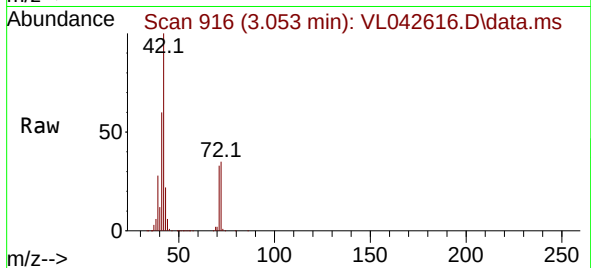
71 34.8 28.5 42.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2025

Supervised By :Mahesh Dadoda 06/06/2025



#42

Bromodichloromethane

Concen: 11.571 ppbv

RT: 4.490 min Scan# 1360

Delta R.T. -0.006 min

Lab File: VL042616.D

Acq: 05 Jun 2025 10:56

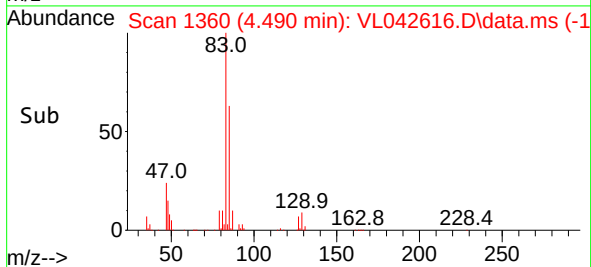
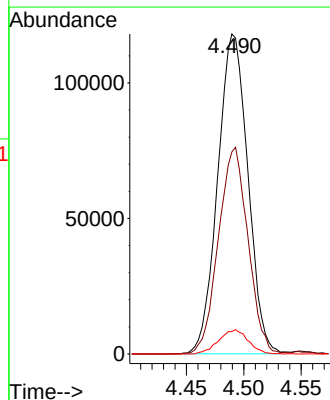
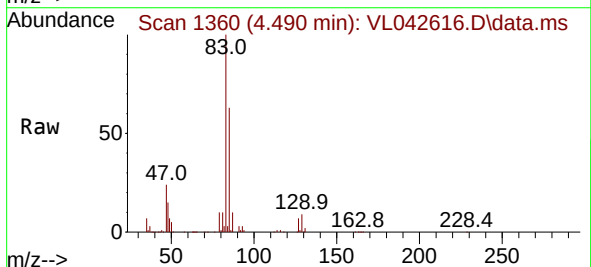
Tgt Ion: 83 Resp: 215587

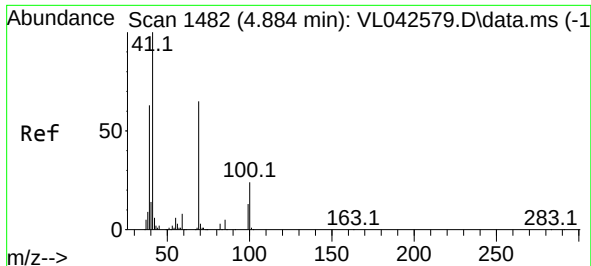
Ion Ratio Lower Upper

83 100

85 63.1 52.7 79.1

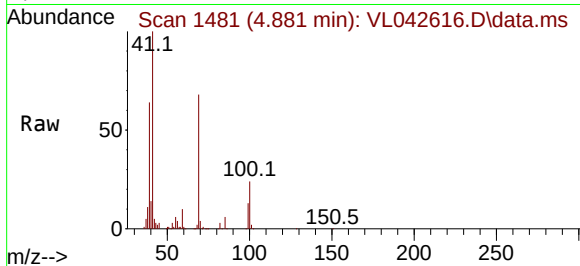
127 7.0 5.8 8.6





#43
Methyl Methacrylate
Concen: 10.250 ppbv
RT: 4.881 min Scan# 1482
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

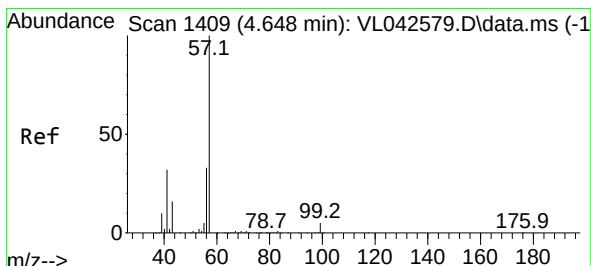
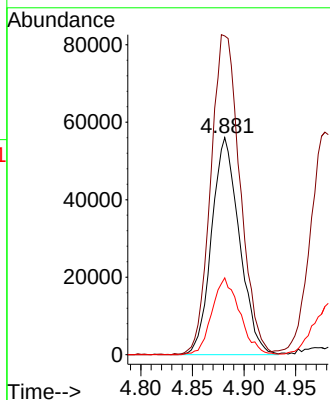
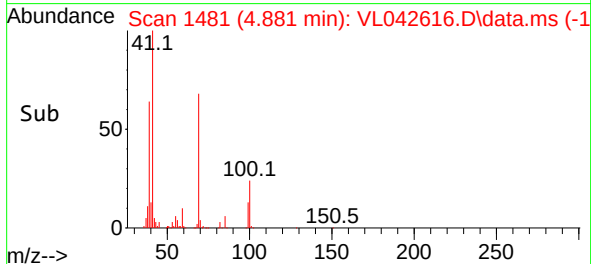
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01



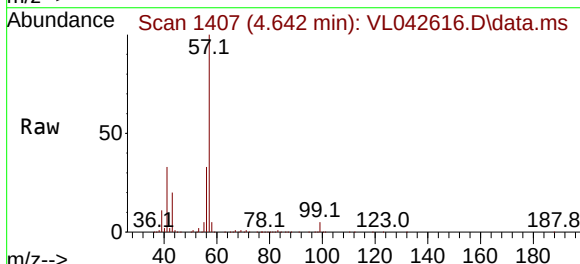
Tgt Ion: 69 Resp: 10500
Ion Ratio Lower Upper
69 100
41 155.0 124.6 187.0
100 35.3 29.9 44.9

Manual Integrations
APPROVED

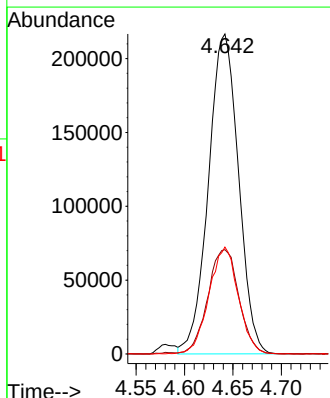
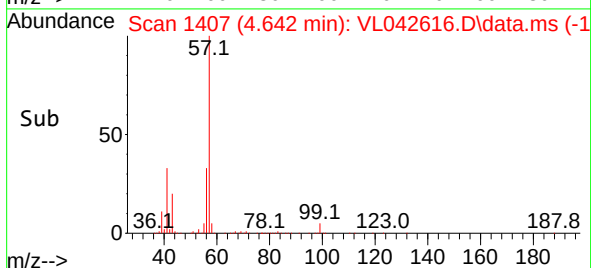
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025

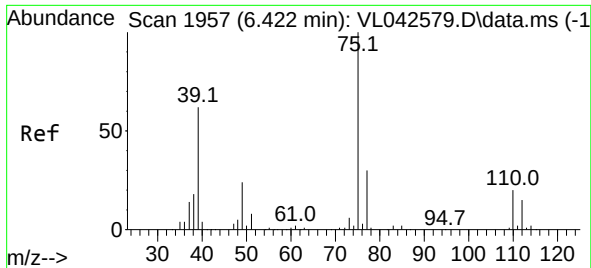


#44
2,2,4-Trimethylpentane
Concen: 10.380 ppbv
RT: 4.642 min Scan# 1407
Delta R.T. -0.006 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56



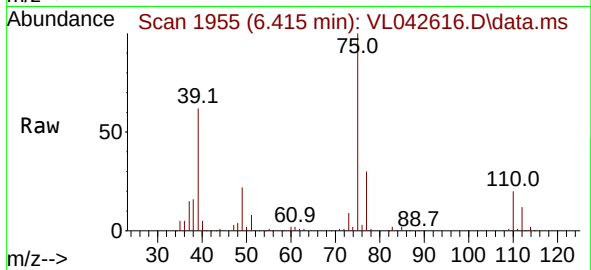
Tgt Ion: 57 Resp: 468613
Ion Ratio Lower Upper
57 100
41 33.8 26.1 39.1
56 32.6 25.9 38.9





#45
 t-1,3-Dichloropropene
 Concen: 10.338 ppbv
 RT: 6.415 min Scan# 1955
 Delta R.T. -0.006 min
 Lab File: VL042616.D
 Acq: 05 Jun 2025 10:56

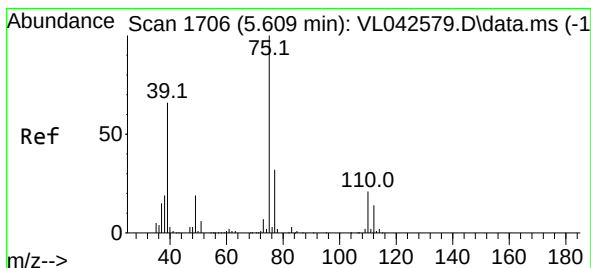
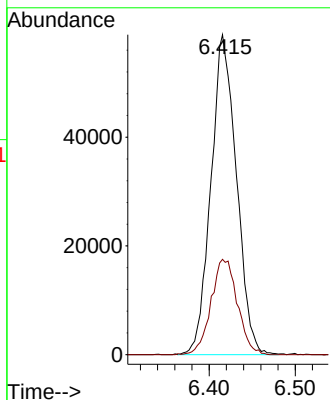
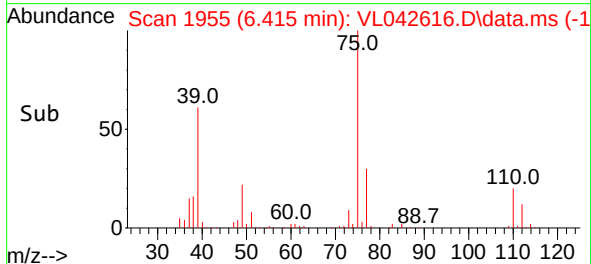
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0605ABS01



Tgt Ion: 75 Resp: 12118
 Ion Ratio Lower Upper
 75 100
 77 29.8 24.2 36.2

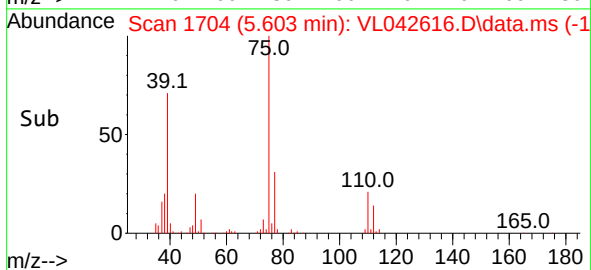
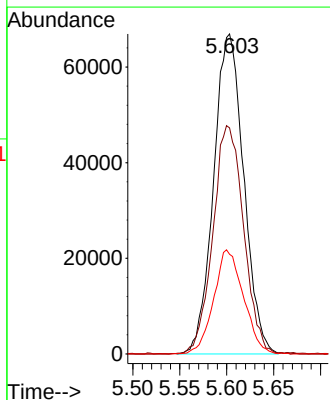
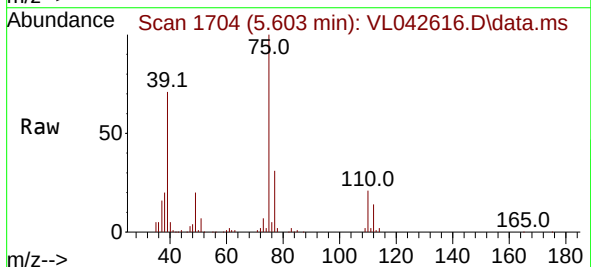
Manual Integrations
 APPROVED

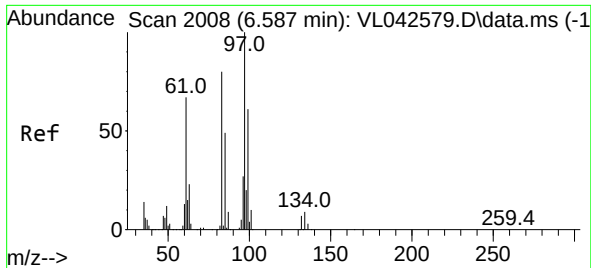
Reviewed By :Semsettin Yesilyurt 06/06/2025
 Supervised By :Mahesh Dadoda 06/06/2025



#46
 cis-1,3-Dichloropropene
 Concen: 10.163 ppbv
 RT: 5.603 min Scan# 1704
 Delta R.T. -0.006 min
 Lab File: VL042616.D
 Acq: 05 Jun 2025 10:56

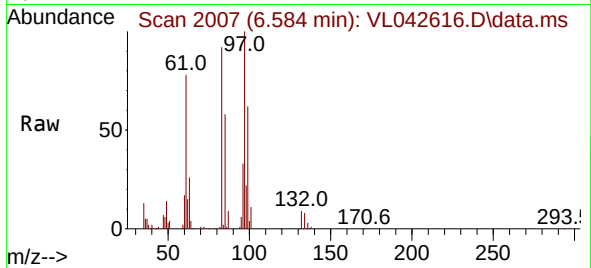
Tgt Ion: 75 Resp: 149286
 Ion Ratio Lower Upper
 75 100
 39 70.4 52.7 79.1
 77 31.1 25.8 38.8





#47
1,1,2-Trichloroethane
Concen: 10.499 ppbv
RT: 6.584 min Scan# 2008
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

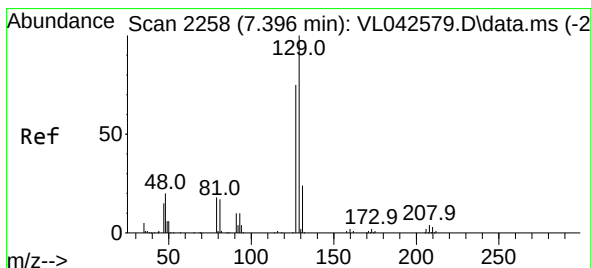
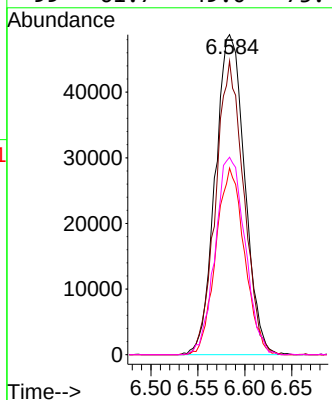
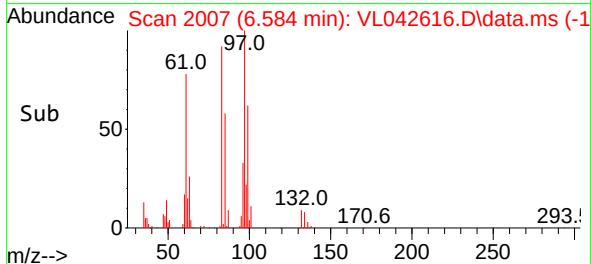
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01



Tgt Ion: 97 Resp: 106070
Ion Ratio Lower Upper
97 100
83 91.7 63.9 95.9
85 58.3 39.2 58.8
99 61.7 49.0 73.4

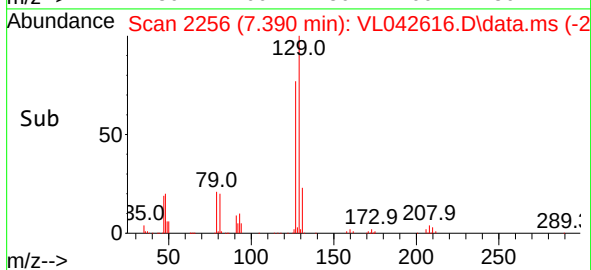
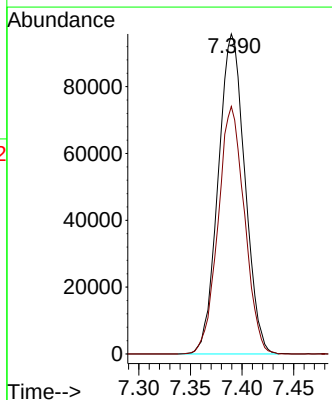
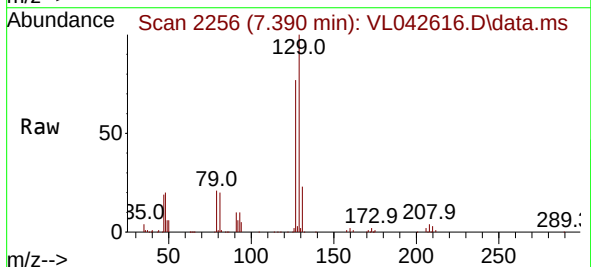
Manual Integrations
APPROVED

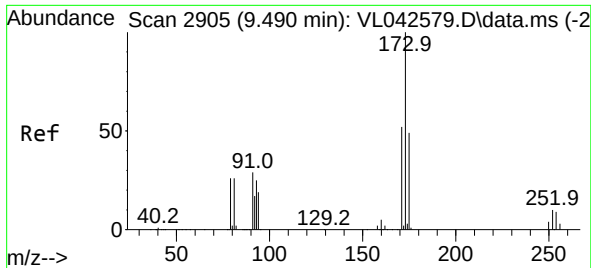
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025



#48
Dibromochloromethane
Concen: 10.635 ppbv
RT: 7.390 min Scan# 2256
Delta R.T. -0.006 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

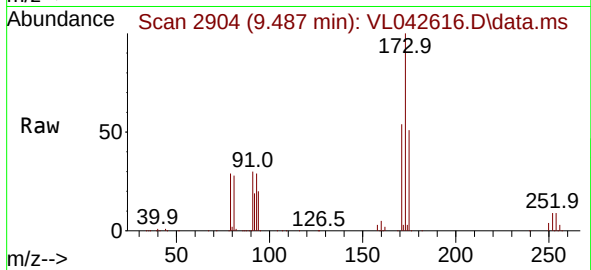
Tgt Ion:129 Resp: 172013
Ion Ratio Lower Upper
129 100
127 76.7 39.0 116.9





#49
Bromoform
Concen: 10.537 ppbv
RT: 9.487 min Scan# 2905
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

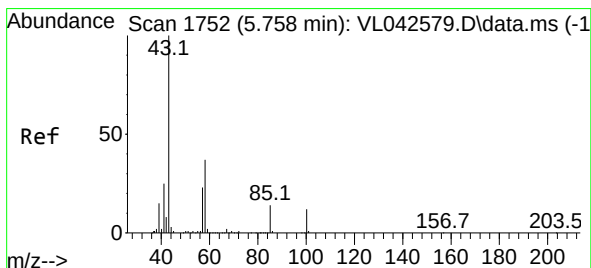
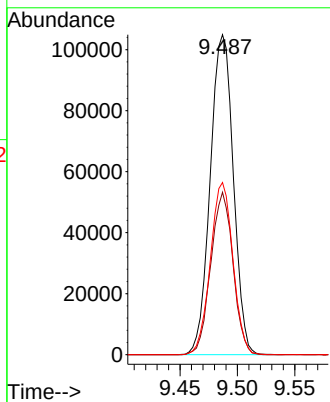
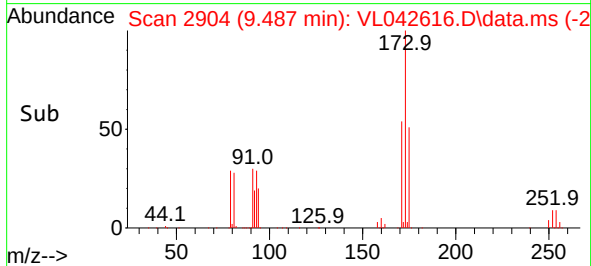
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01



Tgt Ion:173 Resp: 147054
Ion Ratio Lower Upper
173 100
175 48.7 38.7 58.1
171 52.5 41.2 61.8

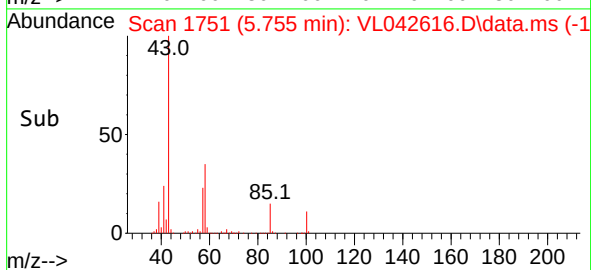
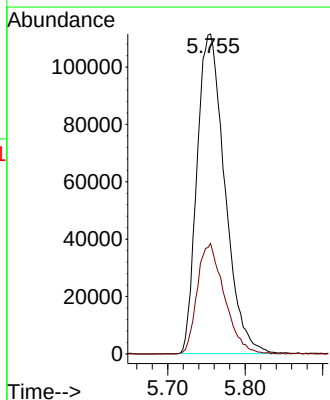
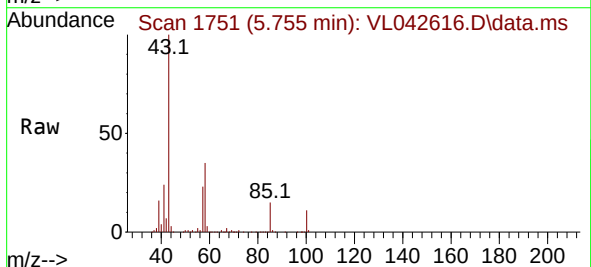
Manual Integrations
APPROVED

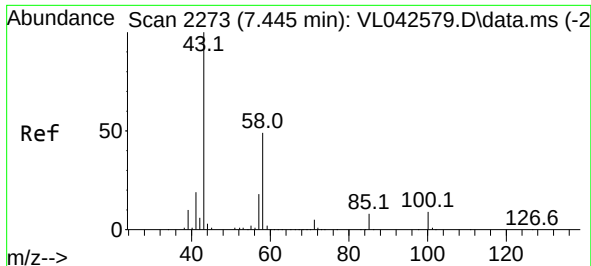
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025



#50
4-Methyl-2-Pentanone
Concen: 10.485 ppbv
RT: 5.755 min Scan# 1751
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

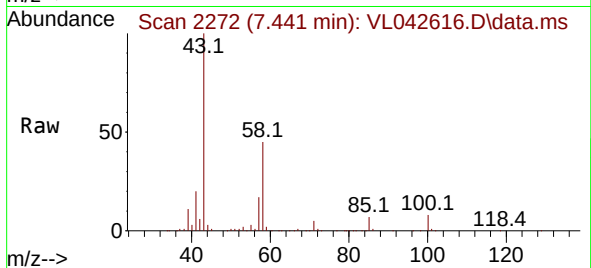
Tgt Ion: 43 Resp: 277969
Ion Ratio Lower Upper
43 100
58 33.8 28.3 42.5





#51
2-Hexanone
Concen: 10.693 ppbv
RT: 7.441 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

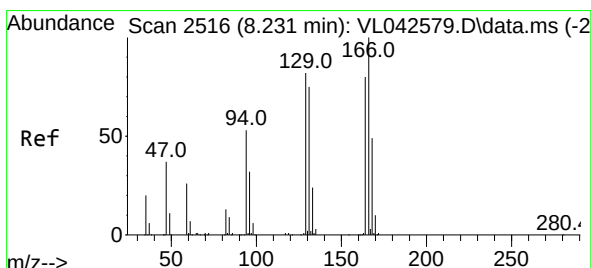
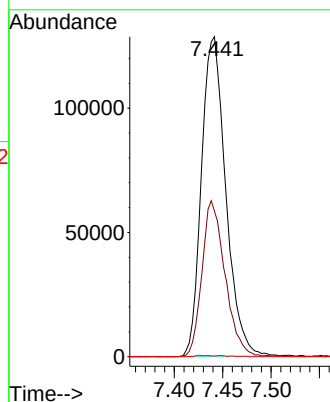
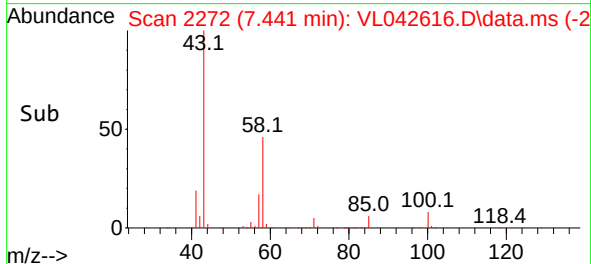
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01



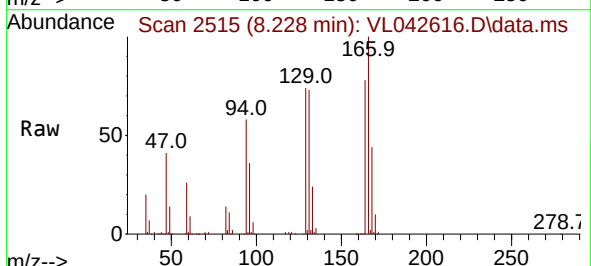
Tgt Ion: 43 Resp: 22484
Ion Ratio Lower Upper
43 100
58 46.4 39.9 59.9
98 0.5 0.1 0.1

Manual Integrations
APPROVED

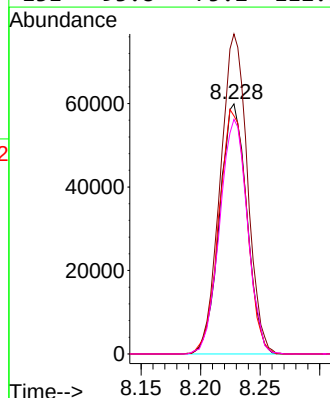
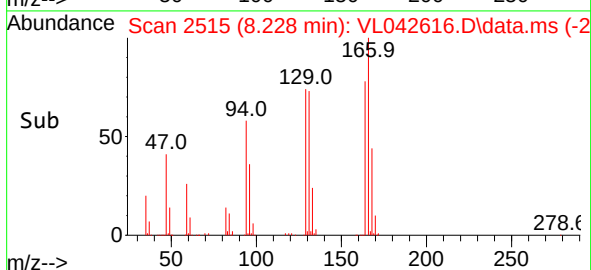
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025

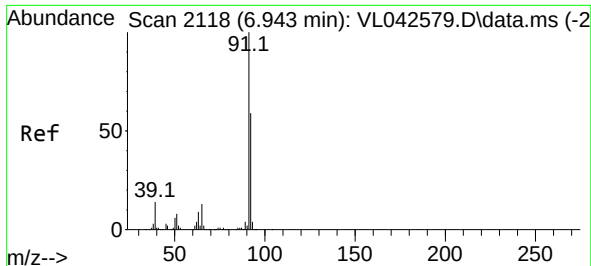


#52
Tetrachloroethene
Concen: 9.641 ppbv
RT: 8.228 min Scan# 2515
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56



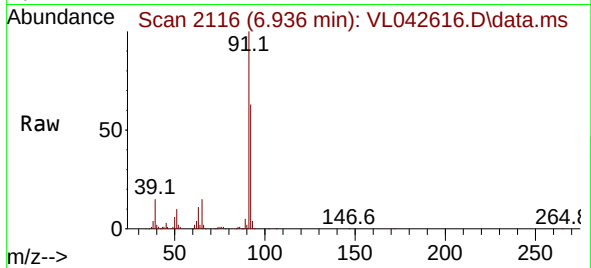
Tgt Ion:164 Resp: 95084
Ion Ratio Lower Upper
164 100
166 128.0 100.0 150.0
129 95.2 82.2 123.4
131 93.8 75.2 112.8





#53
Toluene
Concen: 9.975 ppbv
RT: 6.936 min Scan# 2118
Delta R.T. -0.006 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

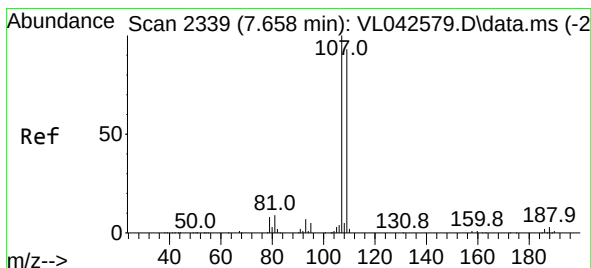
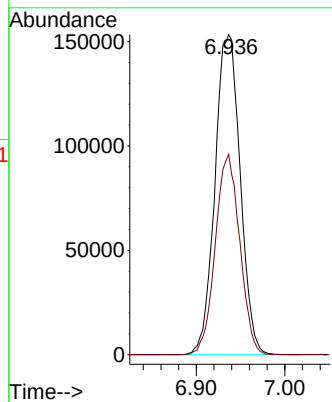
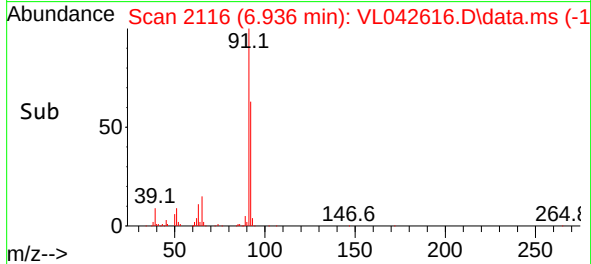
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01



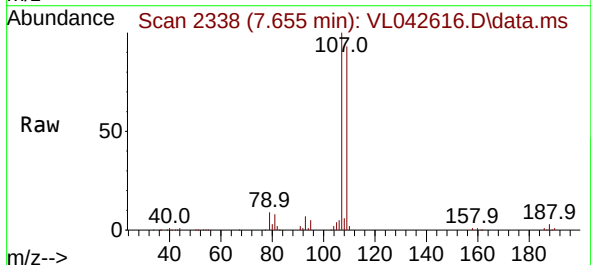
Tgt Ion: 91 Resp: 304300
Ion Ratio Lower Upper
91 100
92 60.5 48.2 72.4

Manual Integrations
APPROVED

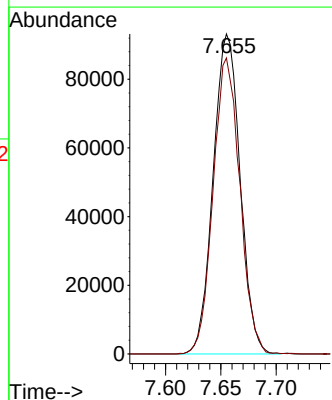
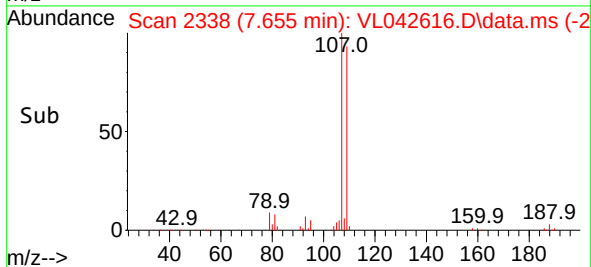
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025

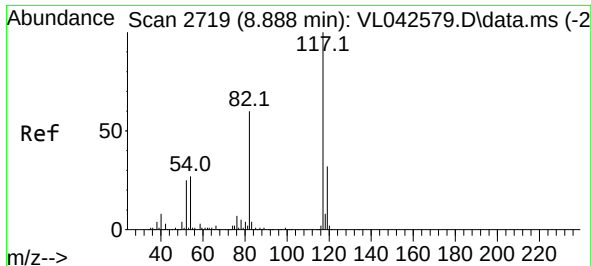


#54
1,2-Dibromoethane
Concen: 10.564 ppbv
RT: 7.655 min Scan# 2338
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56



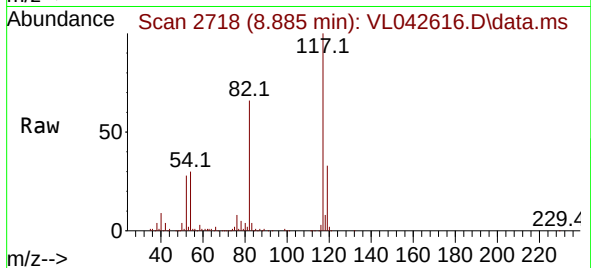
Tgt Ion:107 Resp: 157984
Ion Ratio Lower Upper
107 100
109 92.4 74.3 111.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2719
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

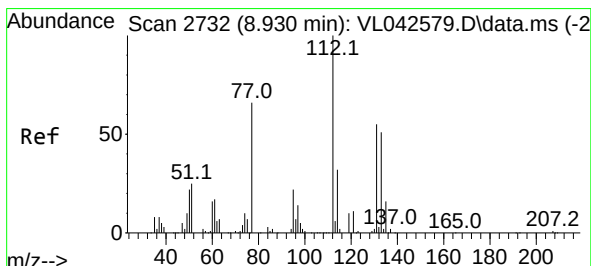
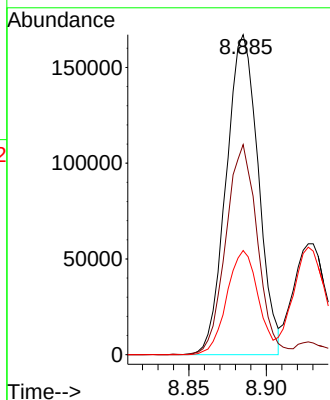
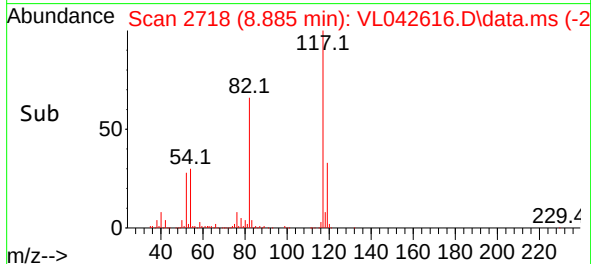
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01



Tgt Ion:117 Resp: 241140
Ion Ratio Lower Upper
117 100
82 68.0 51.2 76.8
119 31.7 26.3 39.5

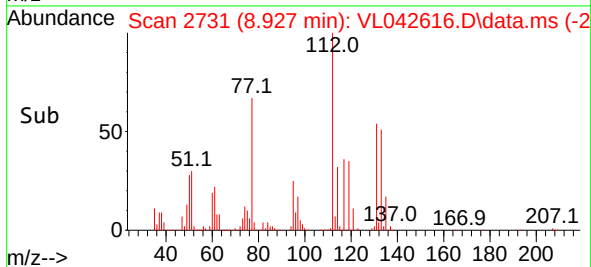
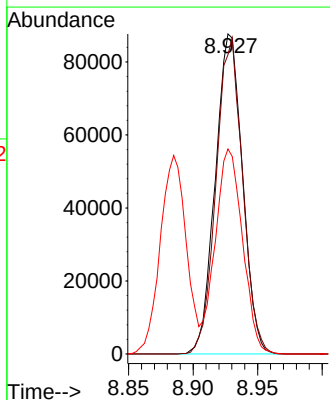
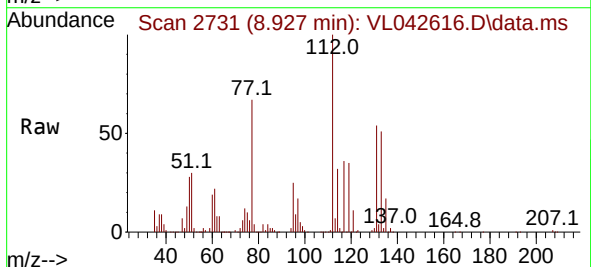
Manual Integrations
APPROVED

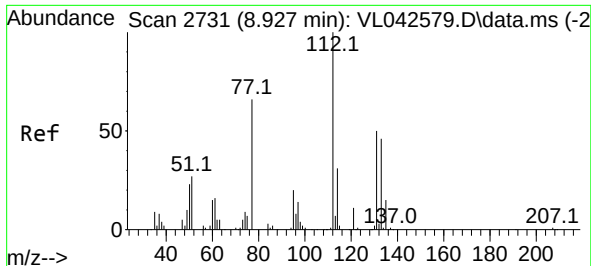
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 10.610 ppbv
RT: 8.927 min Scan# 2731
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

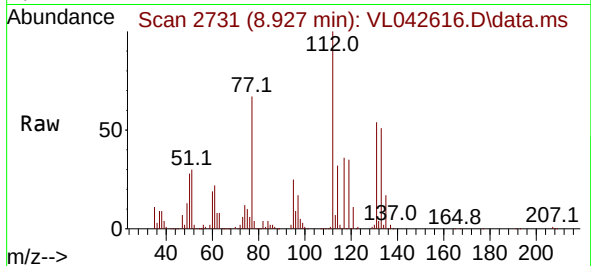
Tgt Ion:131 Resp: 128644
Ion Ratio Lower Upper
131 100
133 96.0 75.0 112.6
119 64.5 50.8 76.2





#57
Chlorobenzene
Concen: 10.183 ppbv
RT: 8.927 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

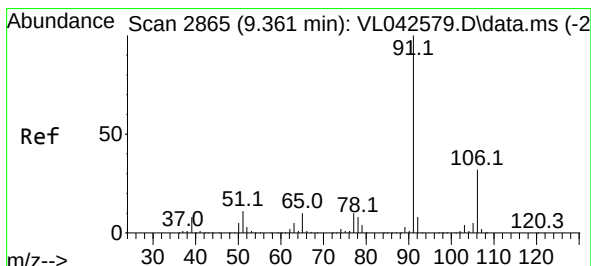
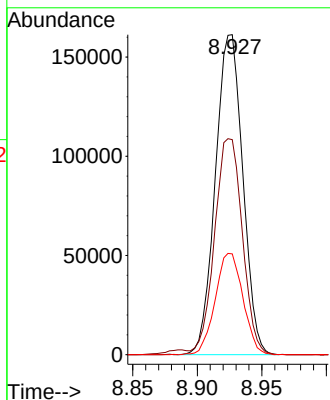
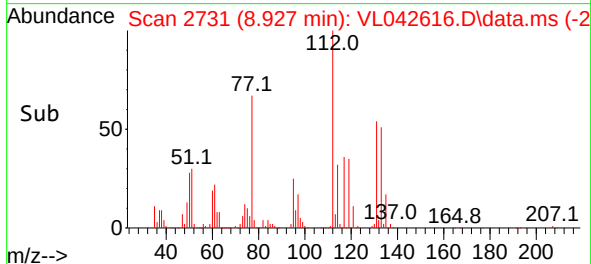
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01



Tgt Ion: 112 Resp: 238439
Ion Ratio Lower Upper
112 100
77 67.1 53.5 80.3
114 31.5 27.8 34.0

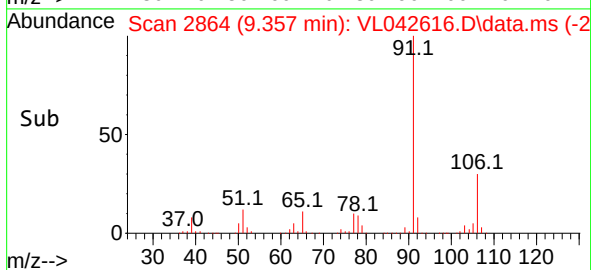
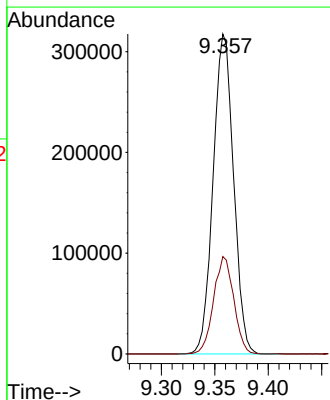
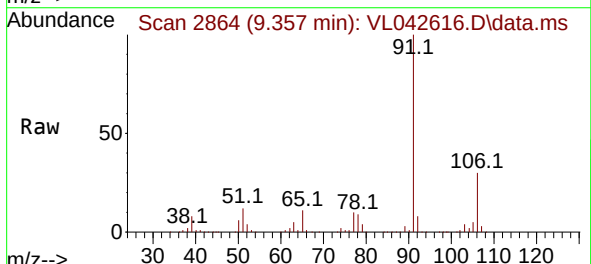
Manual Integrations
APPROVED

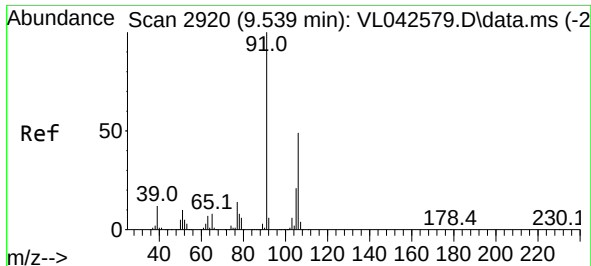
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025



#58
Ethyl Benzene
Concen: 10.333 ppbv
RT: 9.357 min Scan# 2864
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

Tgt Ion: 91 Resp: 422642
Ion Ratio Lower Upper
91 100
106 30.5 25.9 38.9





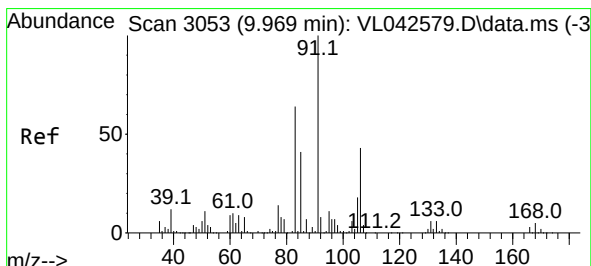
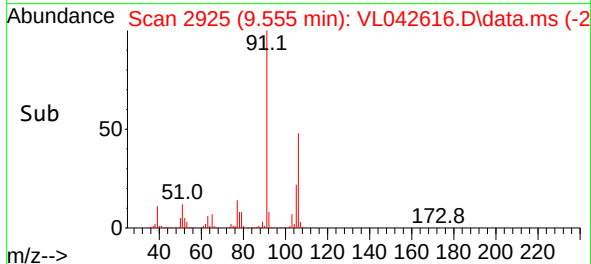
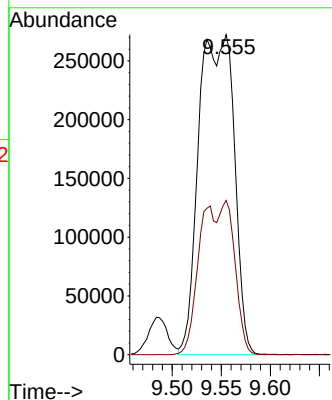
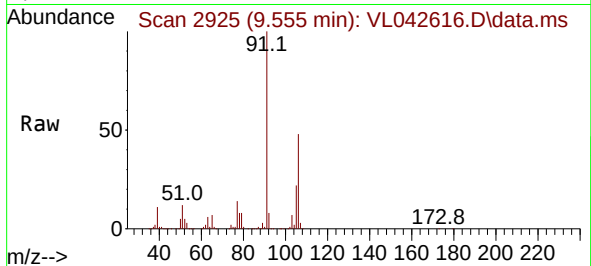
#59
m/p-Xylene
Concen: 21.223 ppbv m
RT: 9.555 min Scan# 2925
Delta R.T. 0.016 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01

Tgt Ion: 91 Resp: 68316
Ion Ratio Lower Upper
91 100
106 0.0 38.8 58.2

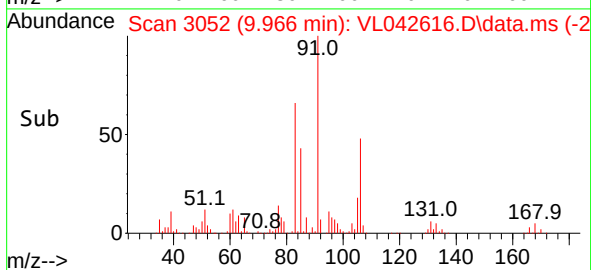
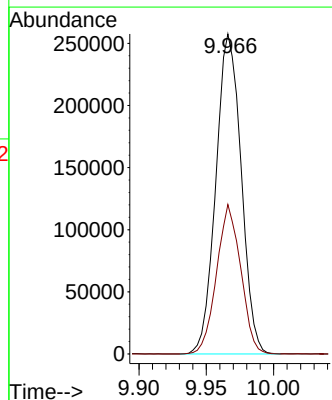
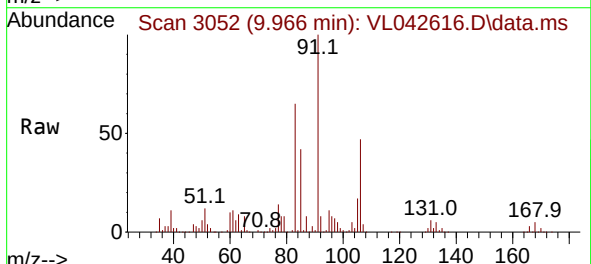
Manual Integrations
APPROVED

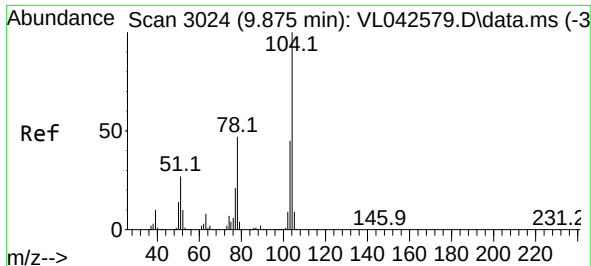
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025



#60
o-Xylene
Concen: 10.469 ppbv
RT: 9.966 min Scan# 3052
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

Tgt Ion: 91 Resp: 336084
Ion Ratio Lower Upper
91 100
106 44.7 22.9 68.5





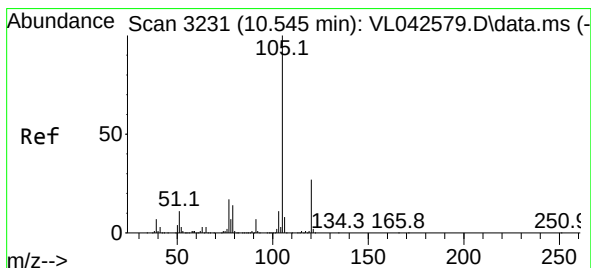
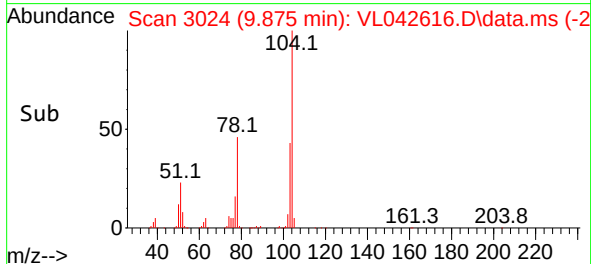
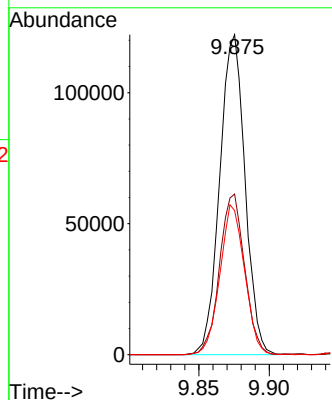
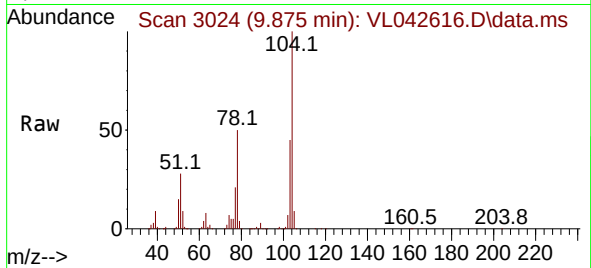
#61
Styrene
Concen: 10.076 ppbv
RT: 9.875 min Scan# 3024
Delta R.T. 0.000 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01

Tgt Ion:104 Resp: 15294
Ion Ratio Lower Upper
104 100
78 49.9 38.2 57.4
103 45.8 36.7 55.1

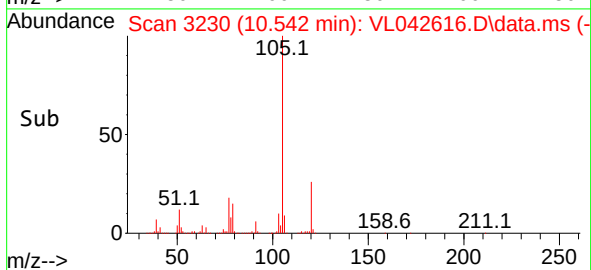
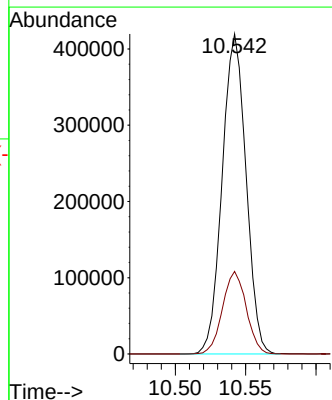
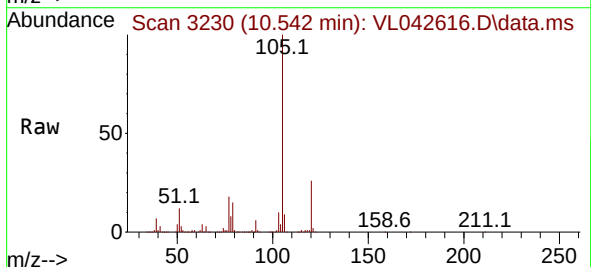
Manual Integrations
APPROVED

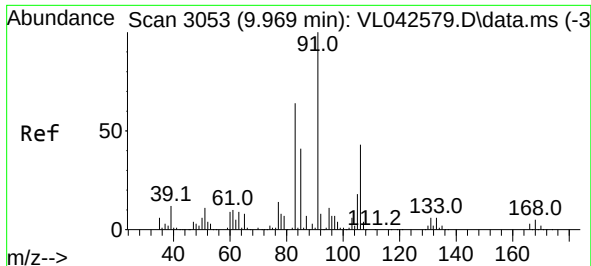
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025



#62
Isopropylbenzene
Concen: 10.418 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

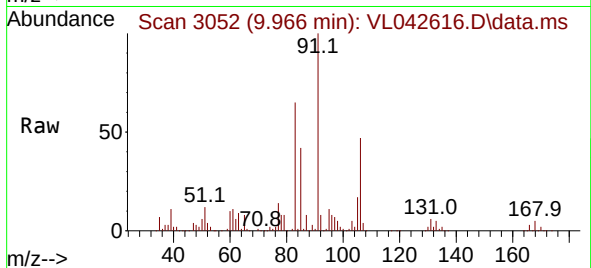
Tgt Ion:105 Resp: 494093
Ion Ratio Lower Upper
105 100
120 25.7 20.9 31.3





#63
1,1,2,2-Tetrachloroethane
Concen: 10.537 ppbv
RT: 9.966 min Scan# 3053
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

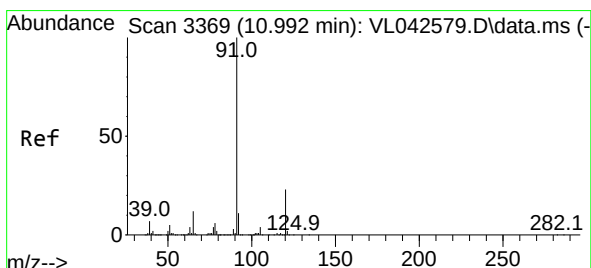
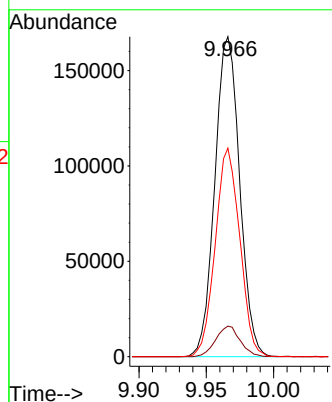
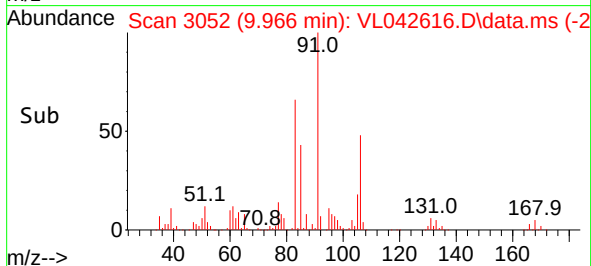
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01



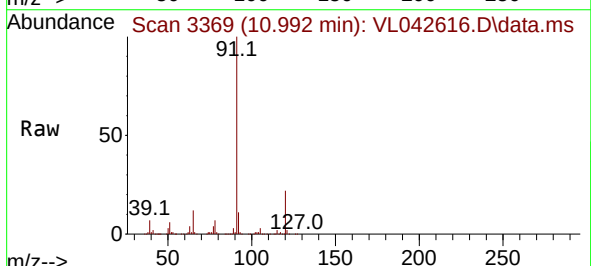
Tgt Ion: 83 Resp: 21510
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.4
85 64.4 32.5 97.4

Manual Integrations
APPROVED

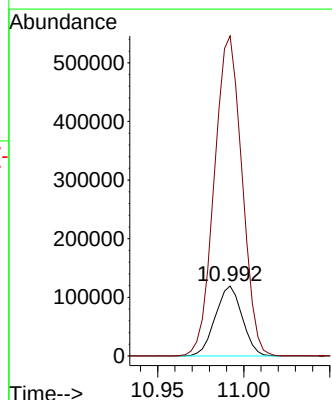
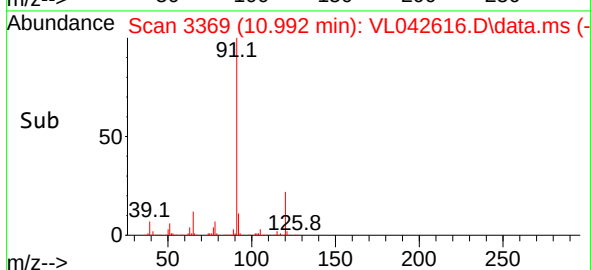
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025

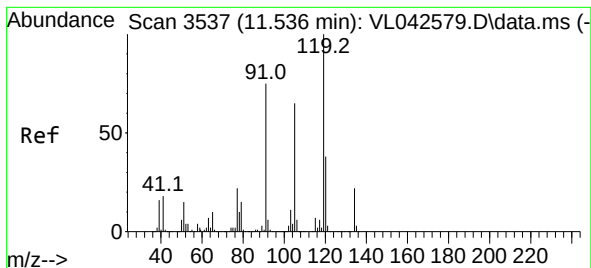


#64
n-propylbenzene
Concen: 10.180 ppbv
RT: 10.992 min Scan# 3369
Delta R.T. 0.000 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56



Tgt Ion:120 Resp: 129419
Ion Ratio Lower Upper
120 100
91 472.4 363.0 544.6





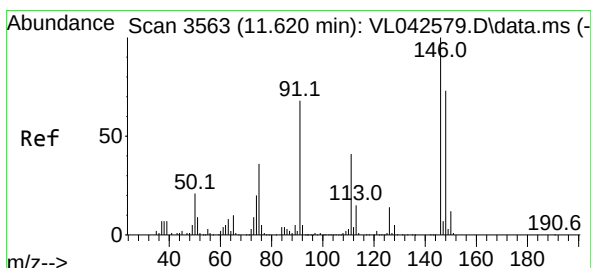
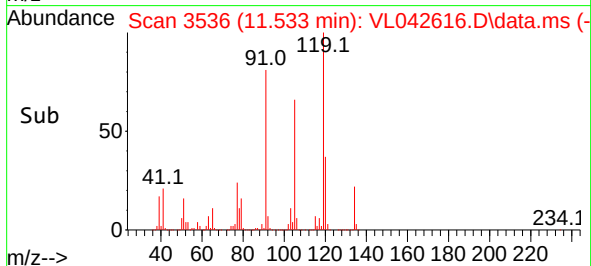
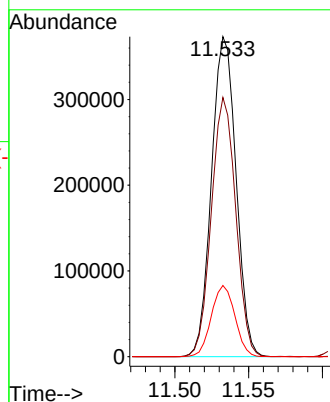
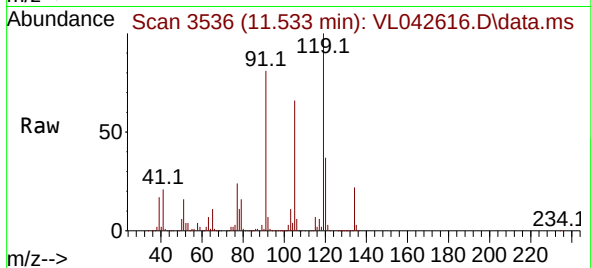
#65
tert-Butylbenzene
Concen: 10.041 ppbv
RT: 11.533 min Scan# 3536
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01

Tgt Ion: 119 Resp: 432174
Ion Ratio Lower Upper
119 100
91 80.4 61.1 91.7
134 21.4 17.4 26.2

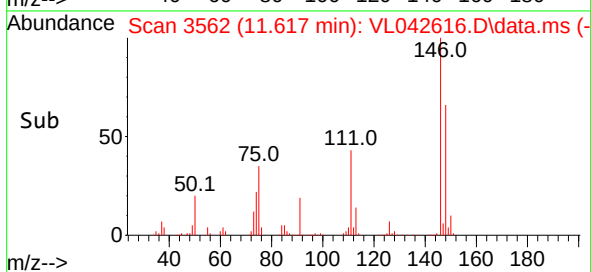
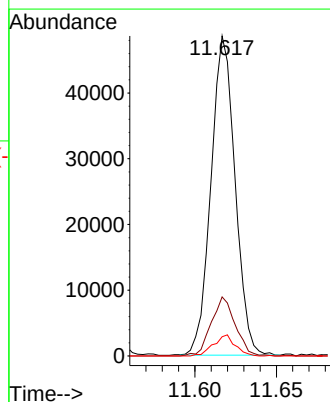
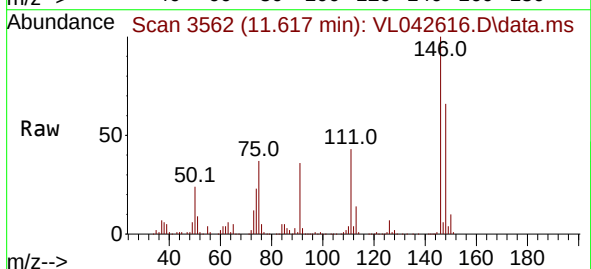
Manual Integrations
APPROVED

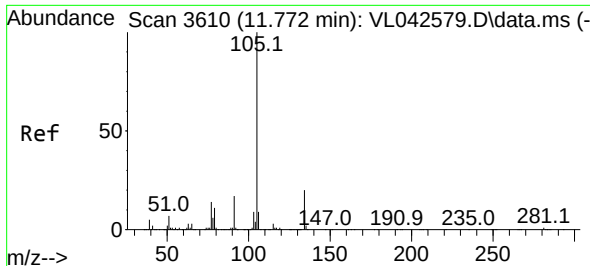
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025



#66
Benzyl Chloride
Concen: 9.012 ppbv
RT: 11.617 min Scan# 3562
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

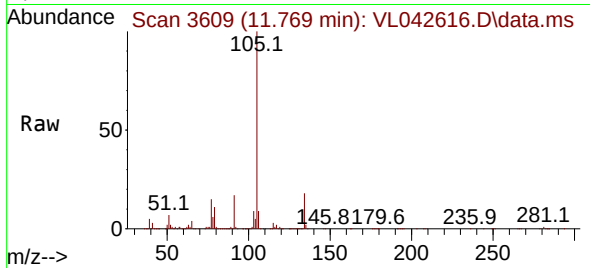
Tgt Ion: 91 Resp: 49930
Ion Ratio Lower Upper
91 100
126 18.5 15.1 22.7
128 6.0 5.0 7.6





#67
 sec-Butylbenzene
 Concen: 10.234 ppbv
 RT: 11.769 min Scan# 3609
 Delta R.T. -0.003 min
 Lab File: VL042616.D
 Acq: 05 Jun 2025 10:56

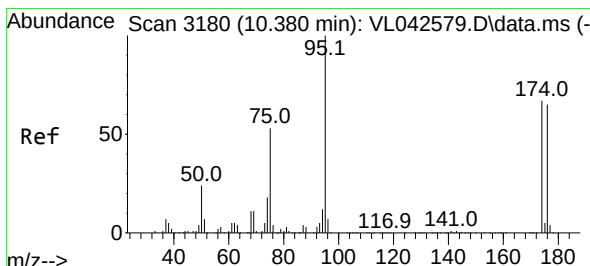
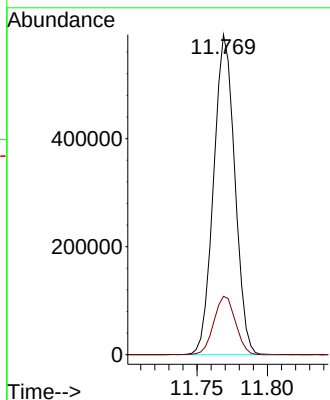
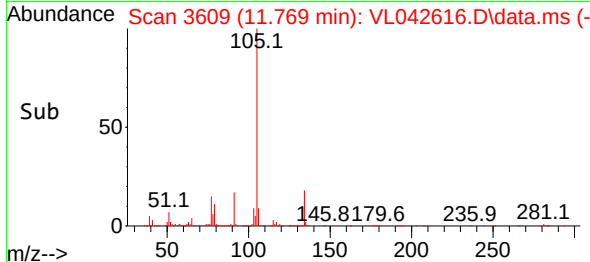
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0605ABS01



Tgt Ion:105 Resp: 619294
 Ion Ratio Lower Upper
 105 100
 134 18.7 15.8 23.6

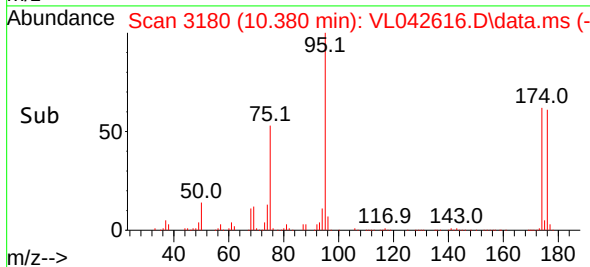
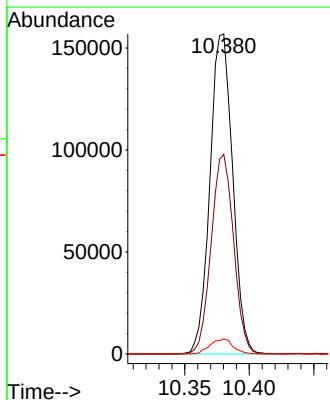
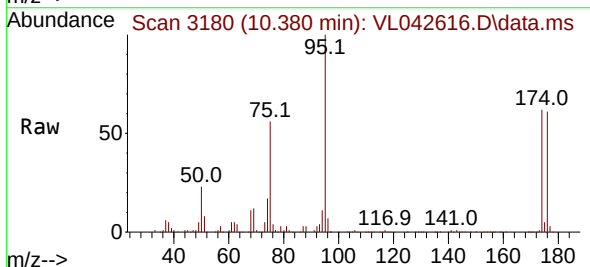
Manual Integrations
 APPROVED

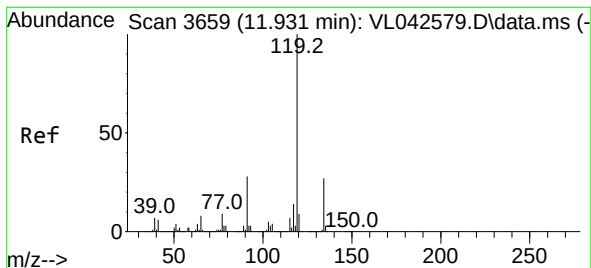
Reviewed By :Semsettin Yesilyurt 06/06/2025
 Supervised By :Mahesh Dadoda 06/06/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.608 ppbv
 RT: 10.380 min Scan# 3180
 Delta R.T. 0.000 min
 Lab File: VL042616.D
 Acq: 05 Jun 2025 10:56

Tgt Ion: 95 Resp: 191756
 Ion Ratio Lower Upper
 95 100
 174 61.7 53.1 79.7
 175 4.7 4.2 6.2





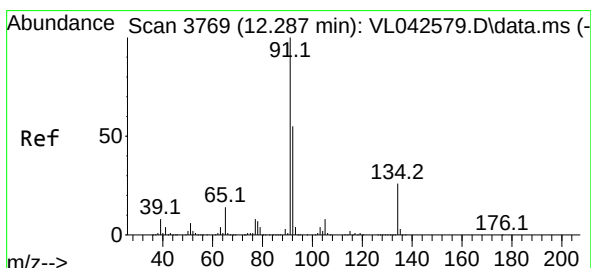
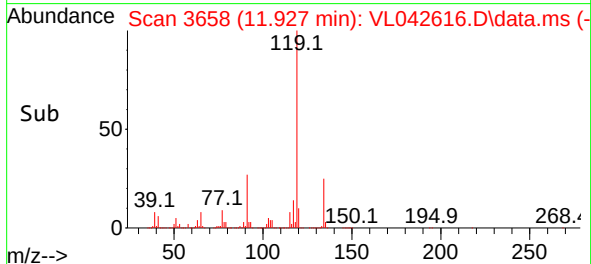
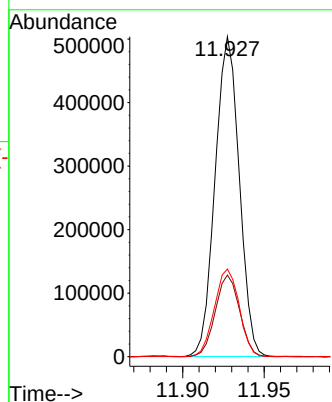
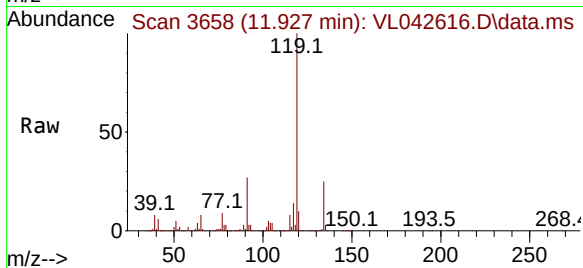
#69
p-Isopropyltoluene
Concen: 10.234 ppbv
RT: 11.927 min Scan# 3658
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01

Tgt Ion:119 Resp: 518619
Ion Ratio Lower Upper
119 100
134 25.8 21.1 31.7
91 28.3 21.9 32.9

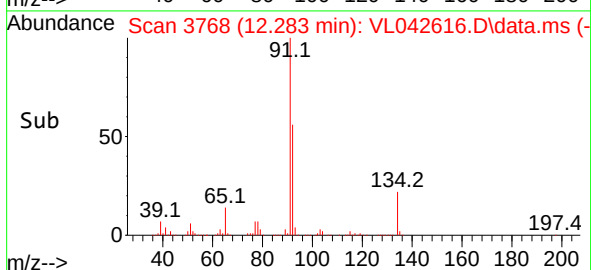
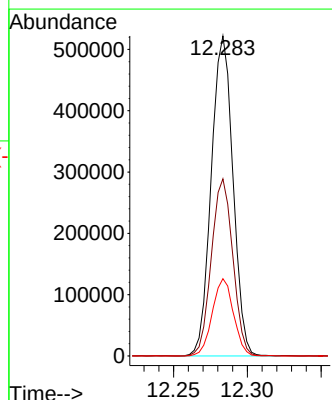
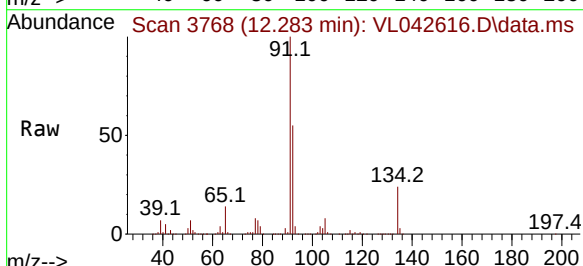
Manual Integrations
APPROVED

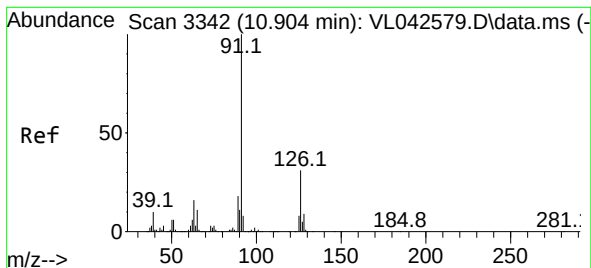
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025



#70
n-Butylbenzene
Concen: 10.664 ppbv
RT: 12.283 min Scan# 3768
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

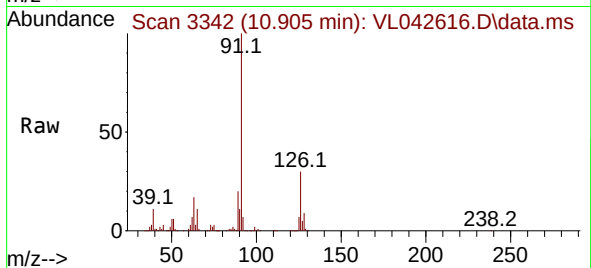
Tgt Ion: 91 Resp: 533392
Ion Ratio Lower Upper
91 100
92 54.9 44.4 66.6
134 23.7 20.1 30.1





#71
2-Chlorotoluene
Concen: 10.440 ppbv
RT: 10.905 min Scan# 311
Delta R.T. 0.000 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56

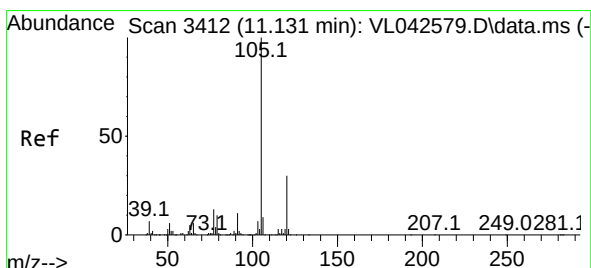
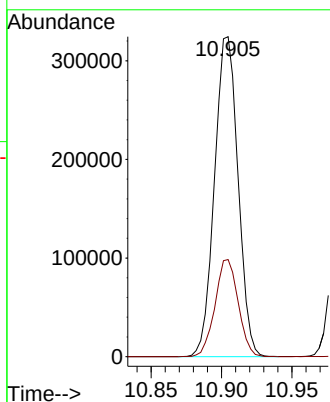
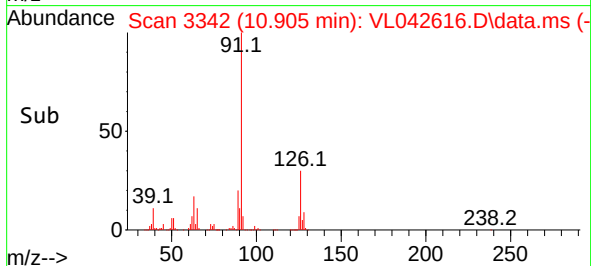
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01



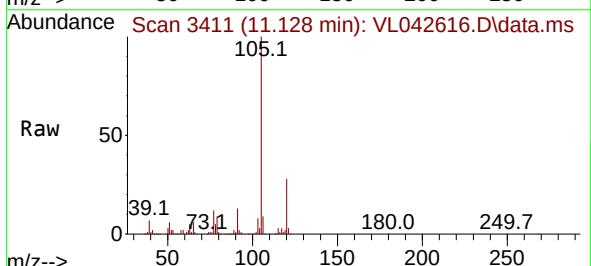
Tgt Ion: 91 Resp: 377690
Ion Ratio Lower Upper
91 100
126 29.9 12.6 50.4

Manual Integrations
APPROVED

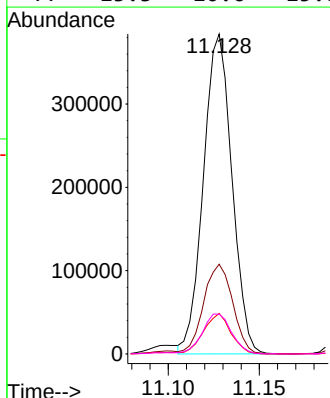
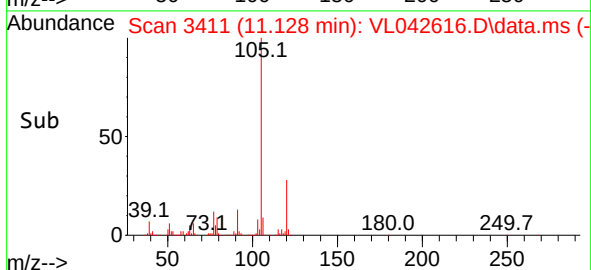
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025

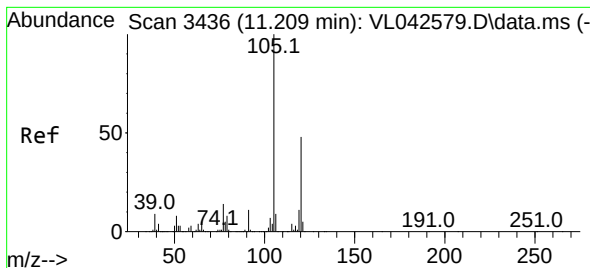


#72
4-Ethyltoluene
Concen: 10.447 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. -0.003 min
Lab File: VL042616.D
Acq: 05 Jun 2025 10:56



Tgt Ion:105 Resp: 418156
Ion Ratio Lower Upper
105 100
120 29.6 24.6 36.8
91 12.7 9.6 14.4
77 13.3 10.6 15.8





#73

1,3,5-Trimethylbenzene

Concen: 10.424 ppbv

RT: 11.206 min Scan# 3436

Delta R.T. -0.003 min

Lab File: VL042616.D

Acq: 05 Jun 2025 10:56

Instrument :

MSVOA_L

ClientSampleId :

VL0605ABS01

Tgt Ion:105 Resp: 34531

Ion Ratio Lower Upper

105 100

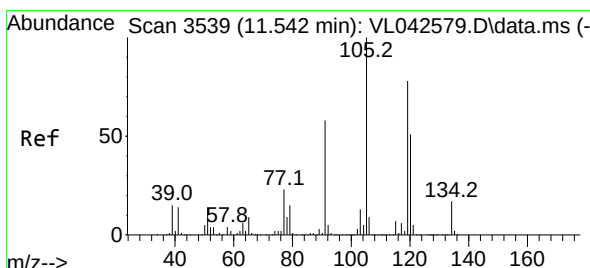
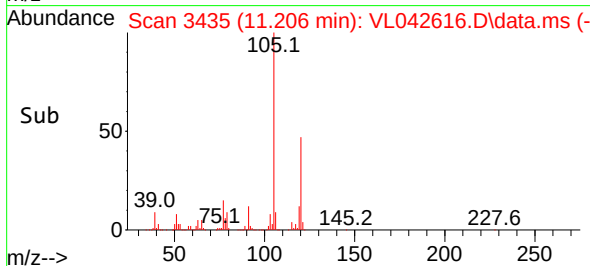
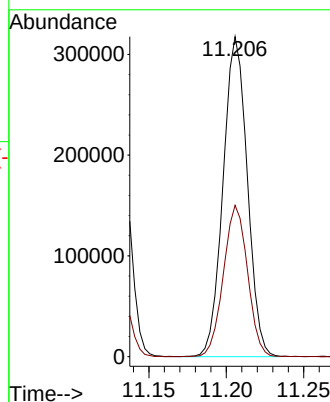
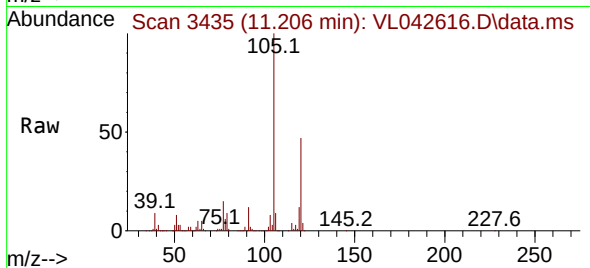
120 47.2 38.8 58.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2025

Supervised By :Mahesh Dadoda 06/06/2025



#74

1,2,4-Trimethylbenzene

Concen: 10.449 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. -0.003 min

Lab File: VL042616.D

Acq: 05 Jun 2025 10:56

Tgt Ion:105 Resp: 384125

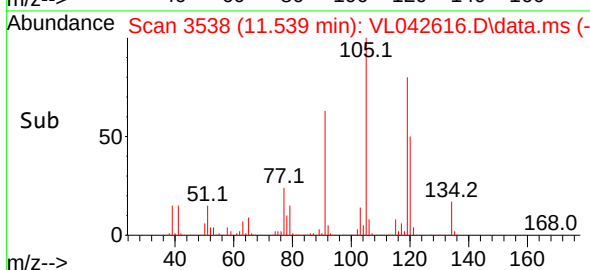
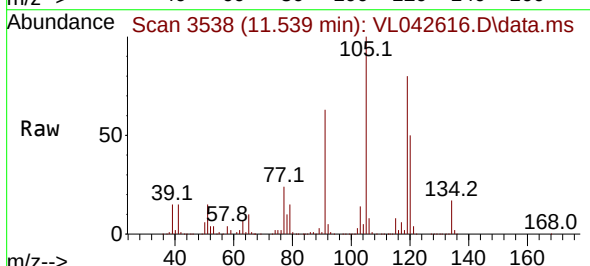
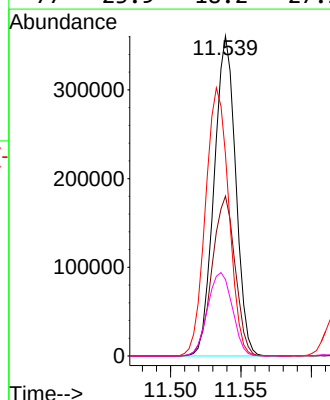
Ion Ratio Lower Upper

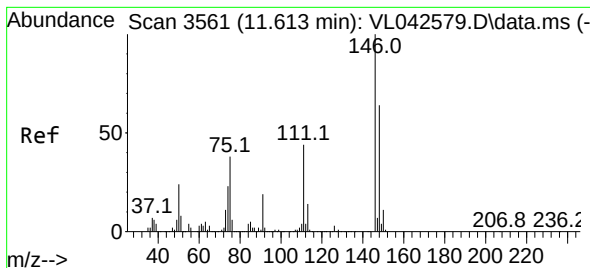
105 100

120 49.9 40.8 61.2

91 62.9 46.8 70.2

77 23.9 18.2 27.2





#75

1,3-Dichlorobenzene

Concen: 10.324 ppbv

RT: 11.610 min Scan# 3560

Delta R.T. -0.003 min

Lab File: VL042616.D

Acq: 05 Jun 2025 10:56

Instrument :

MSVOA_L

ClientSampleId :

VL0605ABS01

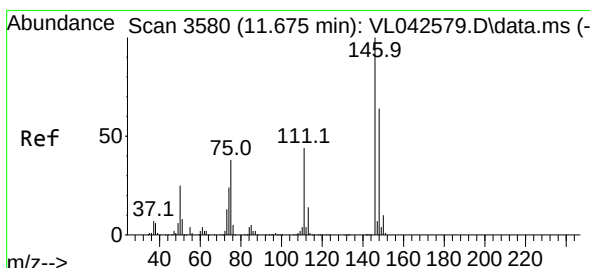
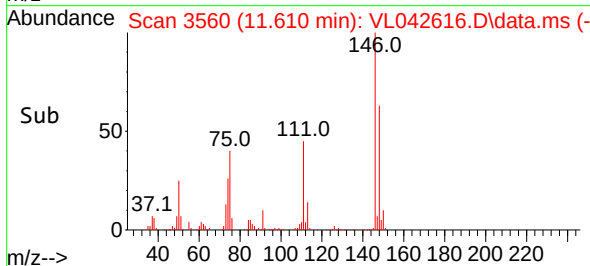
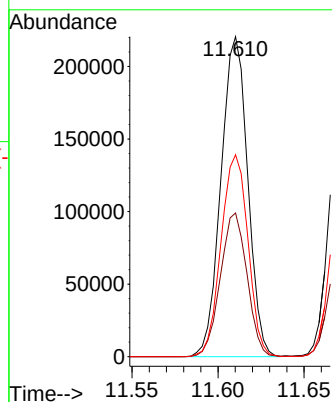
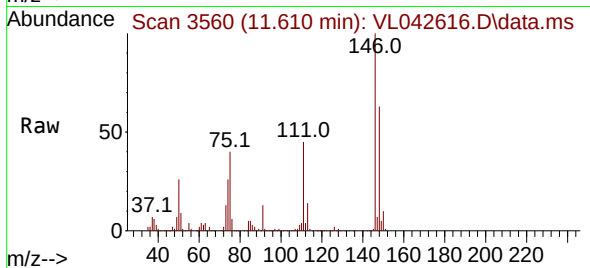
Tgt Ion:146 Resp: 238334

Ion	Ratio	Lower	Upper
146	100		
111	44.8	22.4	67.3
148	63.6	32.0	96.2

Manual Integrations

APPROVED

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



#76

1,4-Dichlorobenzene

Concen: 10.381 ppbv

RT: 11.675 min Scan# 3580

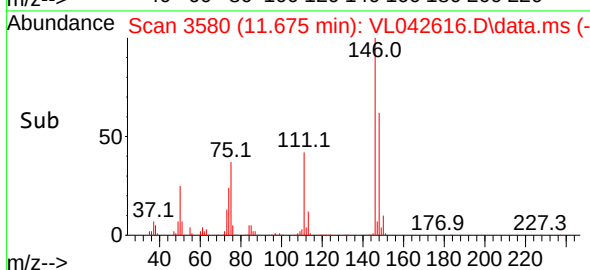
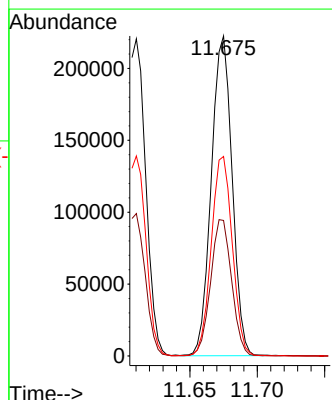
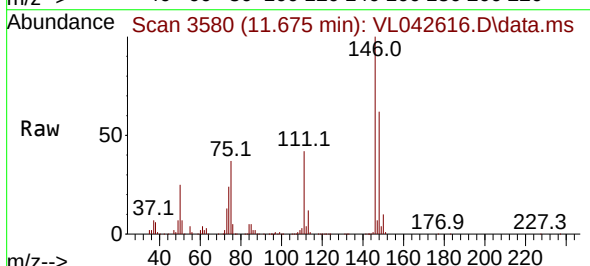
Delta R.T. 0.000 min

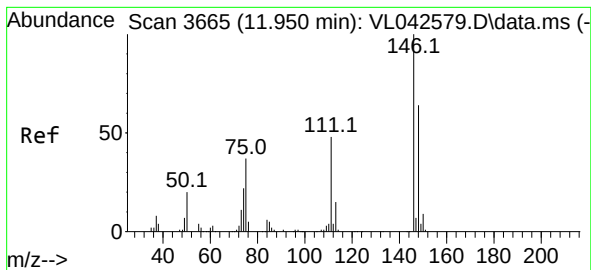
Lab File: VL042616.D

Acq: 05 Jun 2025 10:56

Tgt Ion:146 Resp: 239024

Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.6	64.8
148	63.2	32.1	96.5





#77

1,2-Dichlorobenzene

Concen: 10.170 ppbv

RT: 11.950 min Scan# 3665

Delta R.T. 0.000 min

Lab File: VL042616.D

Acq: 05 Jun 2025 10:56

Instrument :

MSVOA_L

ClientSampleId :

VL0605ABS01

Tgt Ion:146 Resp: 227850

Ion Ratio Lower Upper

146 100

111 46.8 23.1 69.3

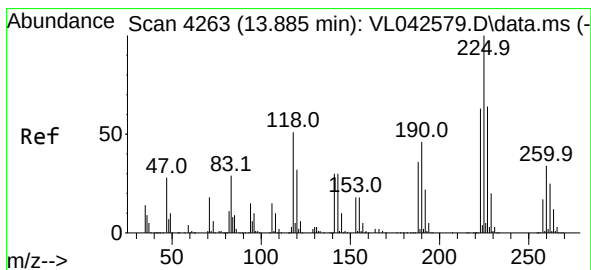
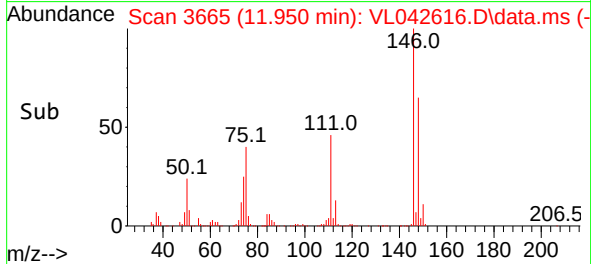
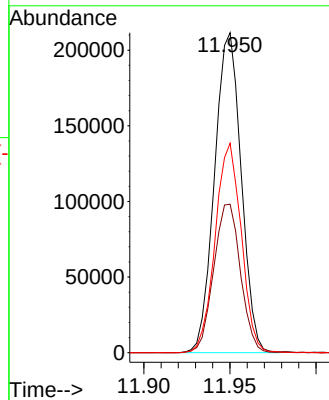
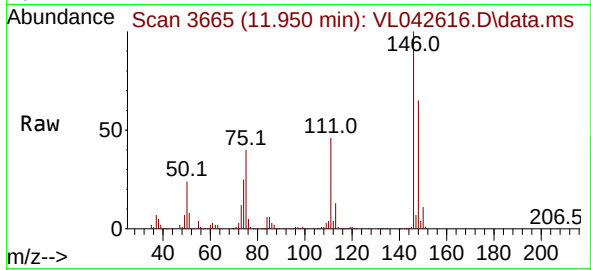
148 64.1 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2025

Supervised By :Mahesh Dadoda 06/06/2025



#78

Hexachloro-1,3-Butadiene

Concen: 9.086 ppbv

RT: 13.882 min Scan# 4262

Delta R.T. -0.003 min

Lab File: VL042616.D

Acq: 05 Jun 2025 10:56

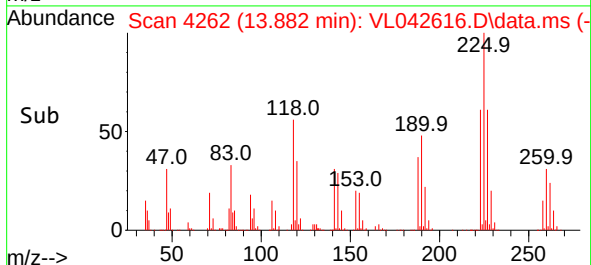
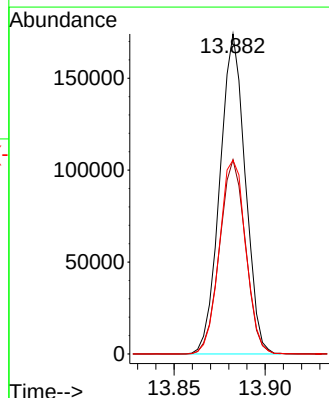
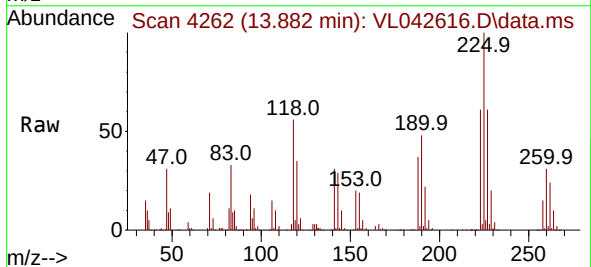
Tgt Ion:225 Resp: 168434

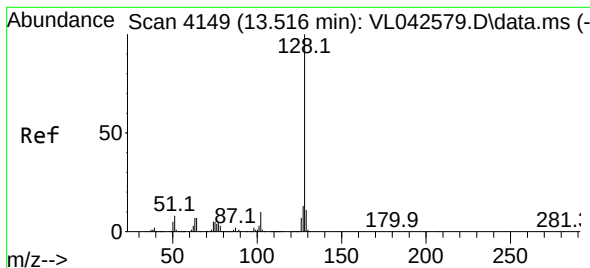
Ion Ratio Lower Upper

225 100

223 61.8 50.2 75.4

227 63.0 51.1 76.7





#79

Naphthalene

Concen: 10.783 ppbv

RT: 13.513 min Scan# 4149

Delta R.T. -0.003 min

Lab File: VL042616.D

Acq: 05 Jun 2025 10:56

Instrument :

MSVOA_L

ClientSampleId :

VL0605ABS01

Tgt Ion:128 Resp: 373650

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

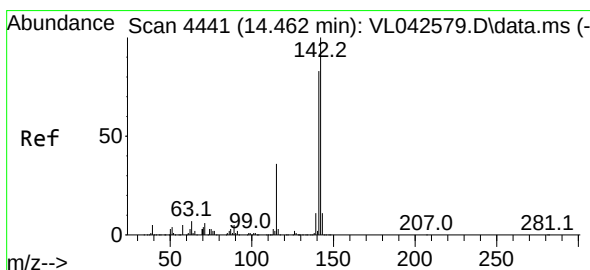
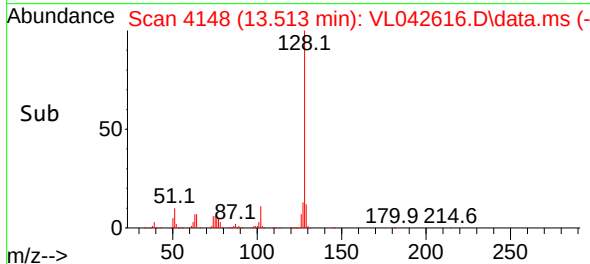
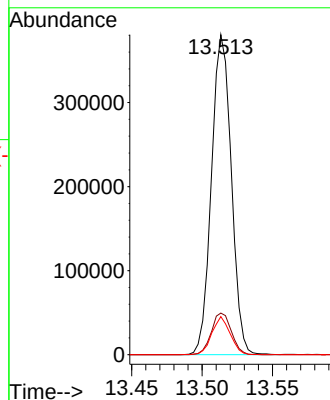
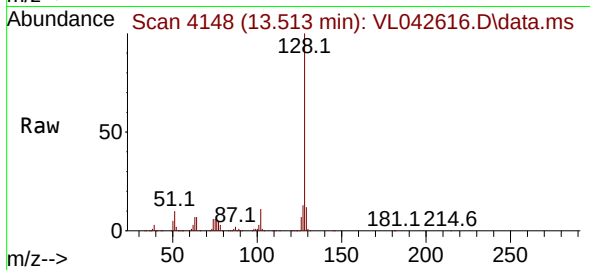
129 11.9 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2025

Supervised By :Mahesh Dadoda 06/06/2025



#80

Naphthalene,2-methyl-

Concen: 11.792 ppbv

RT: 14.458 min Scan# 4440

Delta R.T. -0.003 min

Lab File: VL042616.D

Acq: 05 Jun 2025 10:56

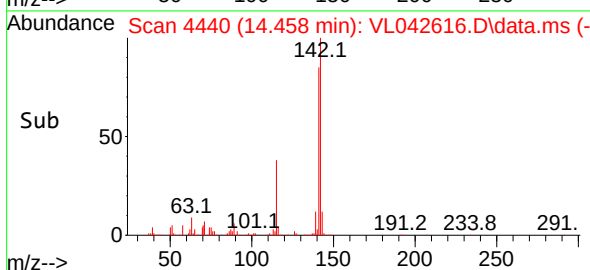
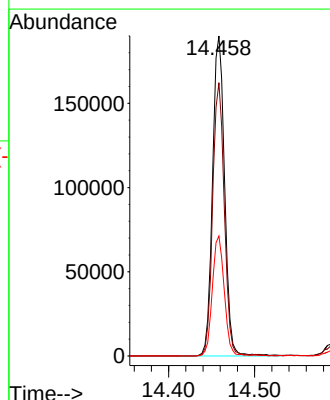
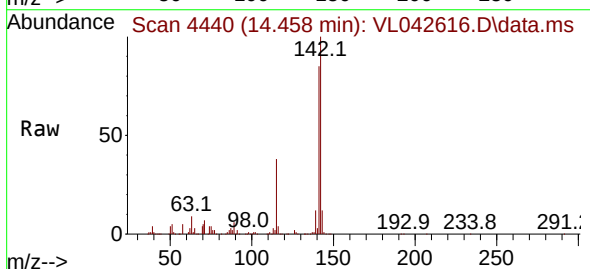
Tgt Ion:142 Resp: 184610

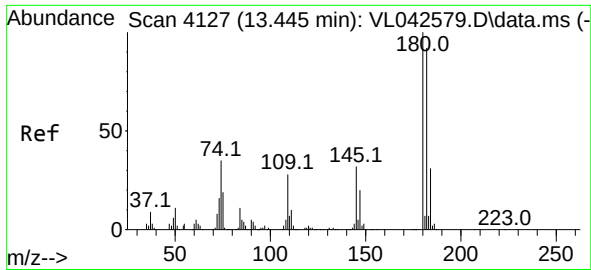
Ion Ratio Lower Upper

142 100

141 82.9 66.2 99.4

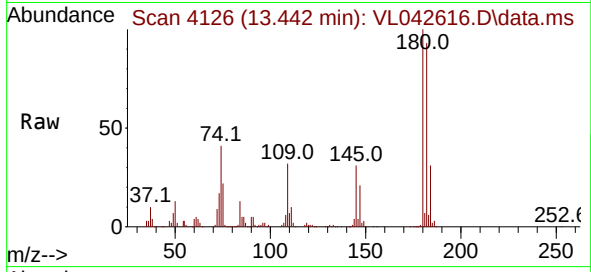
115 37.4 28.3 42.5





#81
 1,2,4-Trichlorobenzene
 Concen: 10.217 ppbv
 RT: 13.442 min Scan# 4126
 Delta R.T. -0.003 min
 Lab File: VL042616.D
 Acq: 05 Jun 2025 10:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0605ABS01



Tgt Ion:180 Resp: 197629
 Ion Ratio Lower Upper
 180 100
 182 92.9 75.0 112.4
 184 29.4 24.6 36.8

Manual Integrations
 APPROVED

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

