

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080725\
 Data File : VL042826.D
 Acq On : 07 Aug 2025 10:28
 Operator : SY/MD
 Sample : VL0807ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0807ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/08/2025
 Supervised By :Mahesh Dadoda 08/11/2025

Quant Time: Aug 08 01:14:07 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 8 2025

QLast Update : Thu Jul 24 05:24:41 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.781	49	163078	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.949	114	435612	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	401123	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.370 95 317585 9.998 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.496	85	221327	10.265	ppbv	100
3) Chlorodifluoromethane	1.473	51	282700	10.065	ppbv	99
4) Chloromethane	1.531	50	91182	10.453	ppbv	96
5) Vinyl Chloride	1.576	62	75928	8.810	ppbv	96
6) Bromomethane	1.664	94	34195	10.263	ppbv	97
7) Chloroethane	1.703	64	31294	9.398	ppbv	92
8) Dichlorotetrafluoroethane	1.551	85	178331	10.057	ppbv	95
9) Propene	1.483	41	89987	8.815	ppbv	99
10) Heptane	4.968	43	287803	10.456	ppbv	98
11) Trichlorofluoromethane	1.874	101	225426	10.143	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.136	101	172568	10.217	ppbv	100
13) Ethanol	1.719	45	8069	9.704	ppbv	97
14) Bromoethene	1.780	108	58076	9.712	ppbv	98
15) Acetone	1.832	43	187111	8.309	ppbv	99
16) 1,3-Butadiene	1.606	39	94575	9.846	ppbv	98
17) tert-Butyl alcohol	2.036	59	189179	9.315	ppbv	99
18) 1,1-Dichloroethene	2.030	96	72759	9.534	ppbv	93
19) Isopropyl Alcohol	1.881	45	112862	9.431	ppbv	96
20) Methylene Chloride	2.059	84	63646	8.969	ppbv	93
21) Allyl Chloride	2.091	41	140315	10.110	ppbv	99
22) trans-1,2-Dichloroethene	2.337	96	84334	10.273	ppbv	97
23) Vinyl Acetate	2.457	43	296210	10.850	ppbv	99
24) 1,1-Dichloroethane	2.405	63	171053	10.151	ppbv	99
25) Ethyl Acetate	2.826	43	515118	10.335	ppbv	100
26) Hexane	2.819	57	218093	9.974	ppbv	96
27) Carbon Disulfide	2.146	76	200363	10.704	ppbv	97
28) Methyl tert-Butyl Ether	2.434	73	96403	9.333	ppbv	99
29) Chloroform	2.842	83	357107	10.569	ppbv	99
30) Cyclohexane	3.849	84	182334	9.832	ppbv	95
31) cis-1,2-Dichloroethene	2.716	61	209844	9.339	ppbv	96
32) 1,1,1-Trichloroethane	3.360	97	336916	9.573	ppbv	99
34) 2-Butanone	2.551	43	332116	10.763	ppbv	100
35) Carbon Tetrachloride	3.755	117	368245	11.381	ppbv	96
36) Benzene	3.648	78	433049	10.489	ppbv	99
37) 1,2-Dichloroethane	3.211	62	270211	10.865	ppbv	99
38) Trichloroethene	4.538	130	193655	9.764	ppbv	94
39) 1,2-Dichloropropane	4.305	63	161290	10.584	ppbv	98
40) 1,4-Dioxane	4.574	88	63503	8.940	ppbv #	93
41) Tetrahydrofuran	3.046	42	171292	10.909	ppbv	97
42) Bromodichloromethane	4.480	83	372605	11.504	ppbv	99
43) Methyl Methacrylate	4.865	69	158894	10.828	ppbv	99
44) 2,2,4-Trimethylpentane	4.629	57	761571	11.318	ppbv	97
45) t-1,3-Dichloropropene	6.402	75	169903	10.325	ppbv #	89

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Manual Integrations
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Reviewed By : Semsettin Yesilyurt 08/08/2025
 Supervised By : Mahesh Dadoda 08/11/2025

Quant Time: Aug 08 01:14:07 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 8 2025

QLast Update : Thu Jul 24 05:24:41 2025

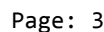
Response via : Initial Calibration

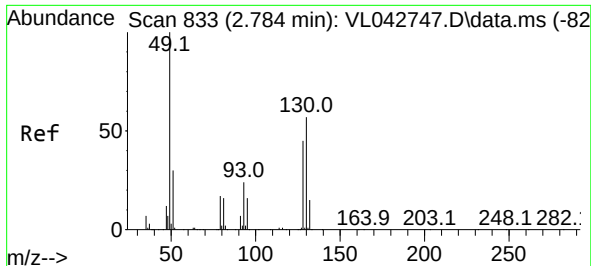
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.590	75	217713	10.441	ppbv	97
47) 1,1,2-Trichloroethane	6.571	97	177555	10.930	ppbv	98
48) Dibromochloromethane	7.377	129	297112	11.521	ppbv	99
49) Bromoform	9.477	173	272013	12.097	ppbv	99
50) 4-Methyl-2-Pentanone	5.732	43	450417	11.332	ppbv	98
51) 2-Hexanone	7.425	43	364529	12.136	ppbv #	96
52) Tetrachloroethene	8.215	164	161270	9.424	ppbv	97
53) Toluene	6.920	91	472628	10.661	ppbv	100
54) 1,2-Dibromoethane	7.645	107	253899	11.062	ppbv	96
56) 1,1,1,2-Tetrachloroethane	8.917	131	232289	11.138	ppbv	99
57) Chlorobenzene	8.914	112	413000	10.639	ppbv #	96
58) Ethyl Benzene	9.348	91	689053	10.878	ppbv	97
59) m/p-Xylene	9.526	91	1184650m	23.401	ppbv	
60) o-Xylene	9.959	91	585863	11.581	ppbv	100
61) Styrene	9.866	104	231979	10.901	ppbv	100
62) Isopropylbenzene	10.532	105	849097	11.379	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.956	83	352721	10.861	ppbv	100
64) n-propylbenzene	10.985	120	230126	11.830	ppbv	98
65) tert-Butylbenzene	11.526	119	773412	11.669	ppbv	100
66) Benzyl Chloride	11.610	91	75088	13.800	ppbv	98
67) sec-Butylbenzene	11.762	105	1086111	11.522	ppbv	100
69) p-Isopropyltoluene	11.921	119	913994	11.891	ppbv	100
70) n-Butylbenzene	12.277	91	930859	12.537	ppbv	99
71) 2-Chlorotoluene	10.895	91	644792	11.270	ppbv	99
72) 4-Ethyltoluene	11.118	105	721006	11.935	ppbv	99
73) 1,3,5-Trimethylbenzene	11.199	105	604864	12.160	ppbv	99
74) 1,2,4-Trimethylbenzene	11.532	105	681545	12.559	ppbv	95
75) 1,3-Dichlorobenzene	11.600	146	431639	11.346	ppbv	100
76) 1,4-Dichlorobenzene	11.665	146	432007	11.605	ppbv	99
77) 1,2-Dichlorobenzene	11.940	146	425471	11.379	ppbv	98
78) Hexachloro-1,3-Butadiene	13.876	225	341222	10.083	ppbv	99
79) Naphthalene	13.507	128	630516	10.677	ppbv	99
80) Naphthalene,2-methyl-	14.452	142	218244	7.704	ppbv	98
81) 1,2,4-Trichlorobenzene	13.436	180	346617	10.453	ppbv	99

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

Manual Integrations APPROVED

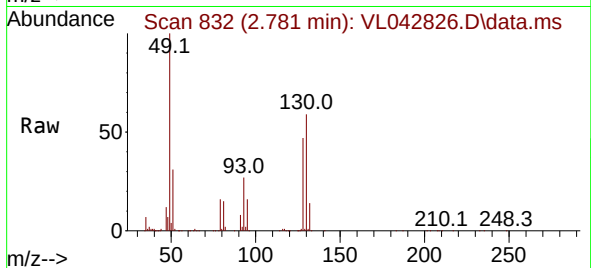
Quant Time: Aug 08 01:14:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Jul 24 05:24:41 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.781 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28

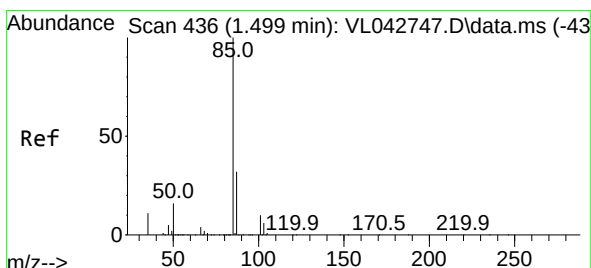
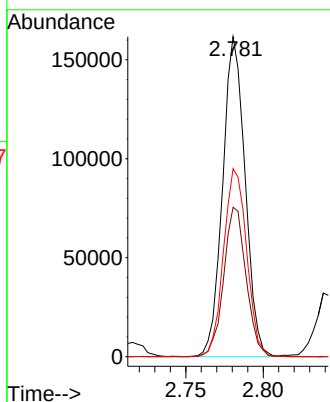
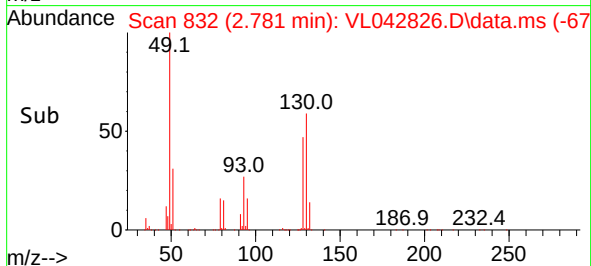
Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01



Tgt Ion: 49 Resp: 163078
Ion Ratio Lower Upper
49 100
128 46.6 23.6 71.0
130 60.4 30.3 90.8

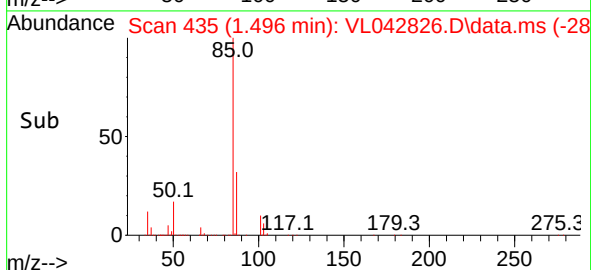
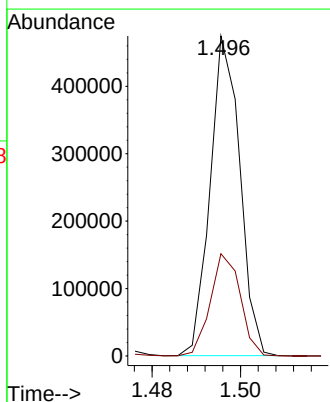
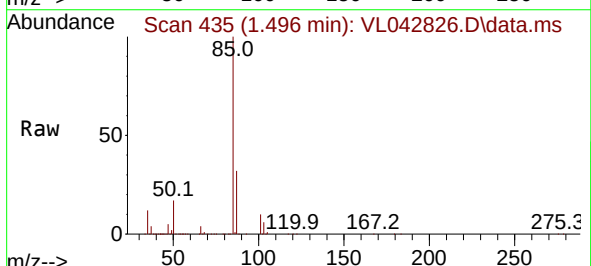
Manual Integrations
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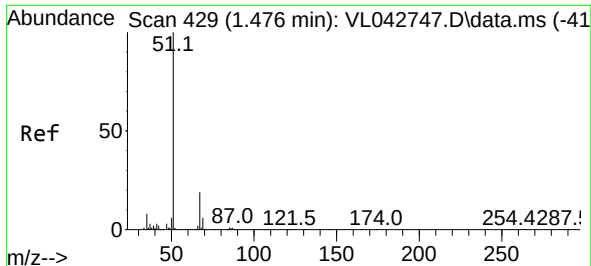
Reviewed By :Semsettin Yesilyurt 08/08/2025
Supervised By :Mahesh Dadoda 08/11/2025



#2
Dichlorodifluoromethane
Concen: 10.265 ppbv
RT: 1.496 min Scan# 435
Delta R.T. -0.003 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28

Tgt Ion: 85 Resp: 221327
Ion Ratio Lower Upper
85 100
87 31.9 25.4 38.2





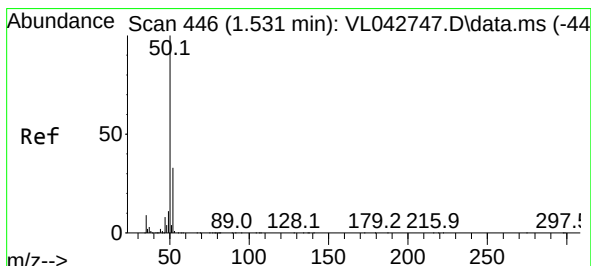
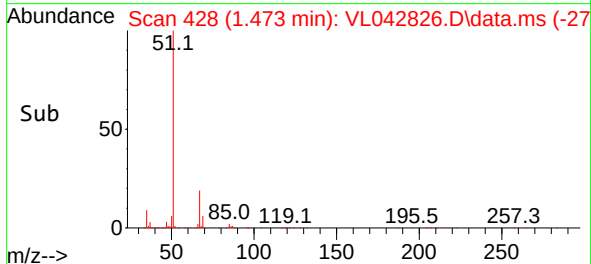
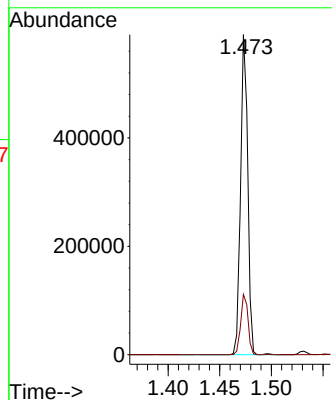
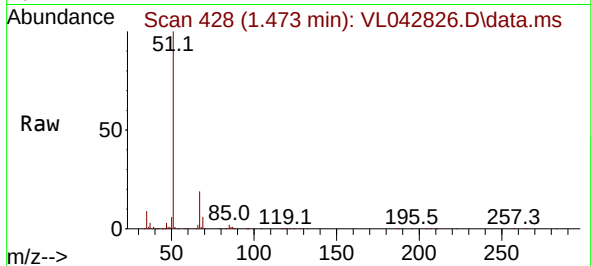
#3
Chlorodifluoromethane
Concen: 10.065 ppbv
RT: 1.473 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28

Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01

Tgt Ion: 51 Resp: 282700
Ion Ratio Lower Upper
51 100
67 19.3 15.0 22.6

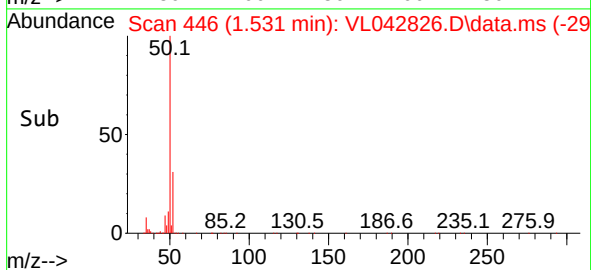
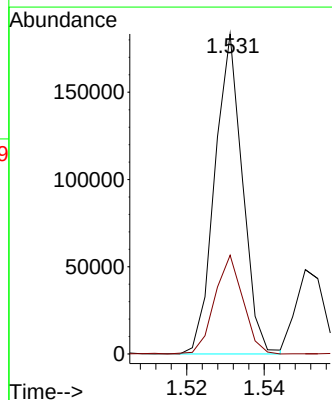
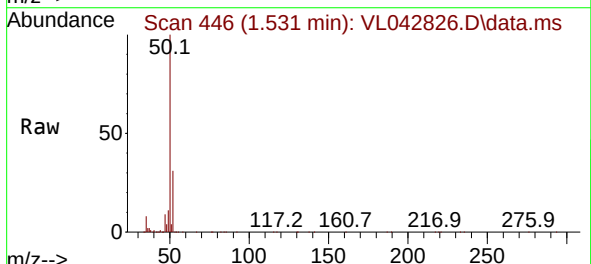
Manual Integrations
APPROVED

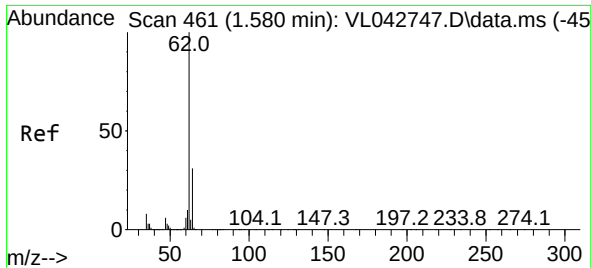
Reviewed By :Semsettin Yesilyurt 08/08/2025
Supervised By :Mahesh Dadoda 08/11/2025



#4
Chloromethane
Concen: 10.453 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28

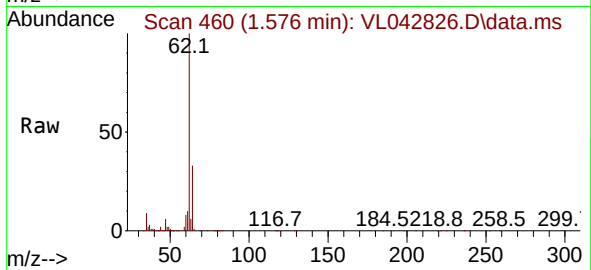
Tgt Ion: 50 Resp: 91182
Ion Ratio Lower Upper
50 100
52 30.8 26.6 40.0





#5
 Vinyl Chloride
 Concen: 8.810 ppbv
 RT: 1.576 min Scan# 460
 Delta R.T. -0.003 min
 Lab File: VL042826.D
 Acq: 07 Aug 2025 10:28

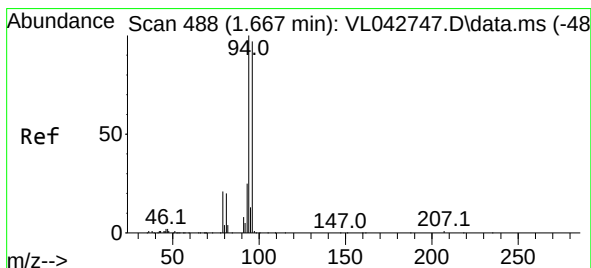
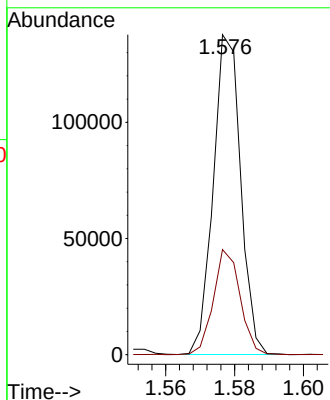
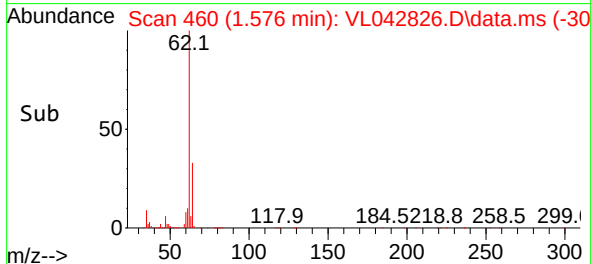
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0807ABS01



Tgt Ion: 62 Resp: 75928
 Ion Ratio Lower Upper
 62 100
 64 32.8 24.5 36.7

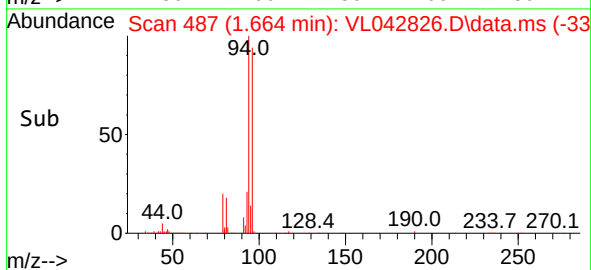
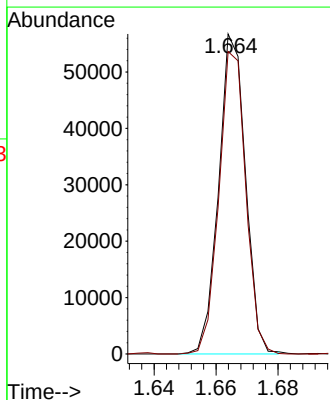
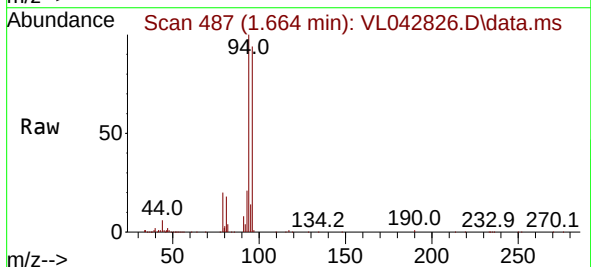
Manual Integrations
 APPROVED

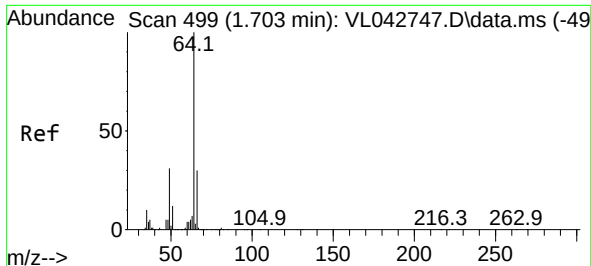
Reviewed By :Semsettin Yesilyurt 08/08/2025
 Supervised By :Mahesh Dadoda 08/11/2025



#6
 Bromomethane
 Concen: 10.263 ppbv
 RT: 1.664 min Scan# 487
 Delta R.T. -0.003 min
 Lab File: VL042826.D
 Acq: 07 Aug 2025 10:28

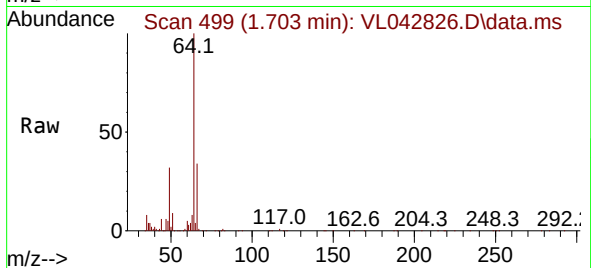
Tgt Ion: 94 Resp: 34195
 Ion Ratio Lower Upper
 94 100
 96 94.5 77.6 116.4





#7
Chloroethane
Concen: 9.398 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.000 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28

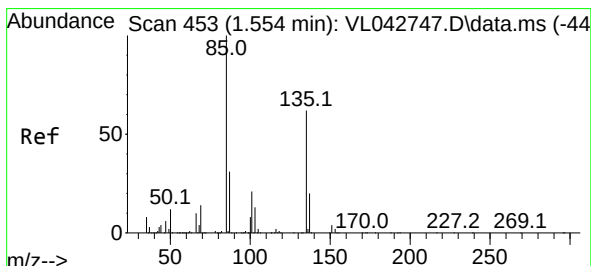
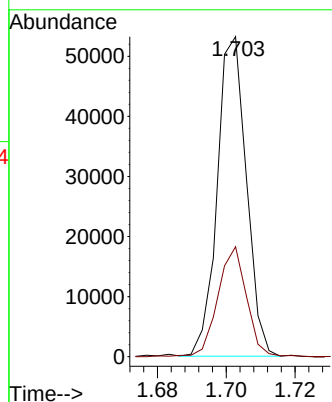
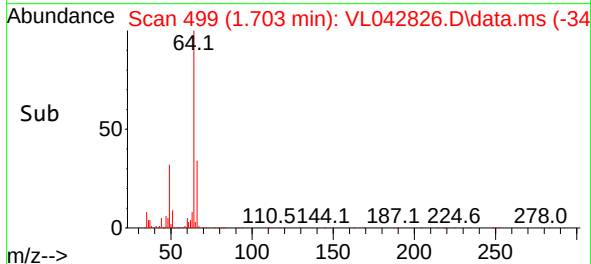
Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01



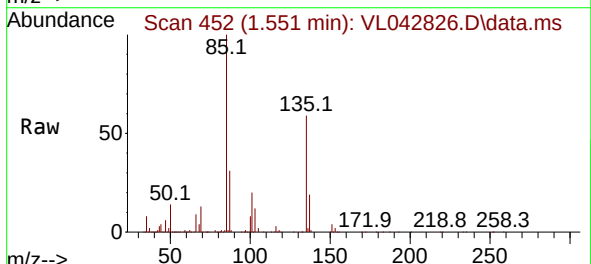
Tgt Ion: 64 Resp: 31294
Ion Ratio Lower Upper
64 100
66 34.3 24.1 36.1

Manual Integrations
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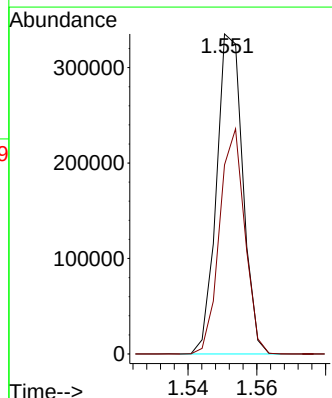
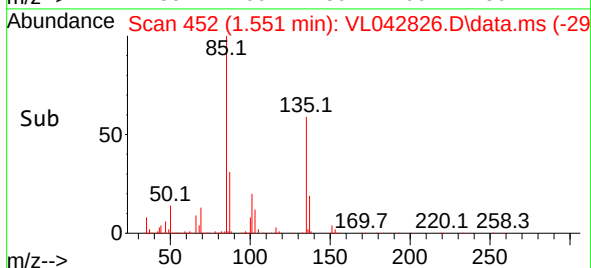
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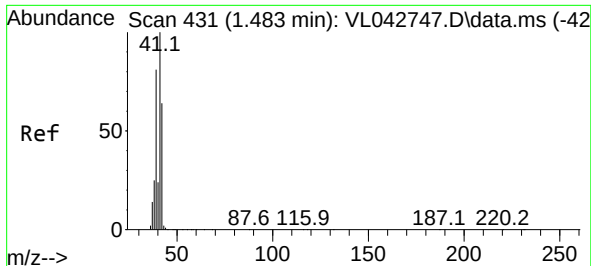


#8
Dichlorotetrafluoroethane
Concen: 10.057 ppbv
RT: 1.551 min Scan# 452
Delta R.T. -0.003 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28



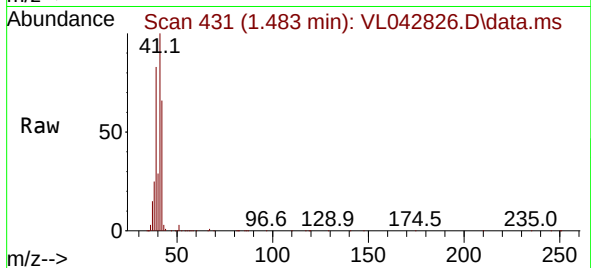
Tgt Ion: 85 Resp: 178331
Ion Ratio Lower Upper
85 100
135 67.5 50.6 76.0





#9
 Propene
 Concen: 8.815 ppbv
 RT: 1.483 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL042826.D
 Acq: 07 Aug 2025 10:28

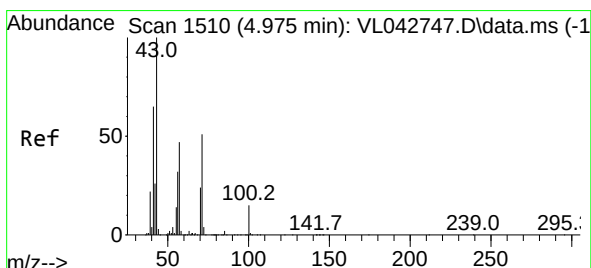
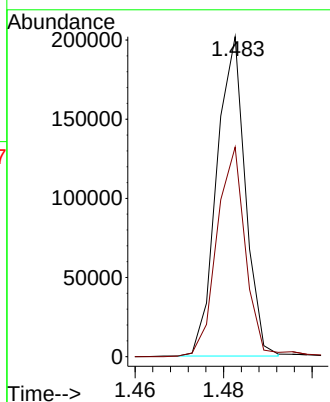
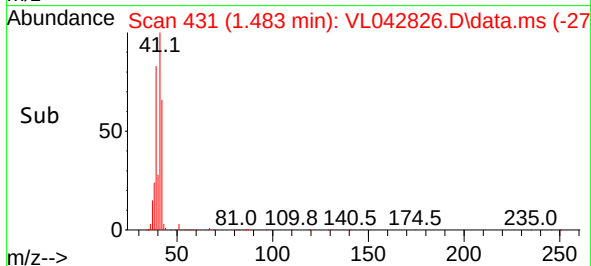
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0807ABS01



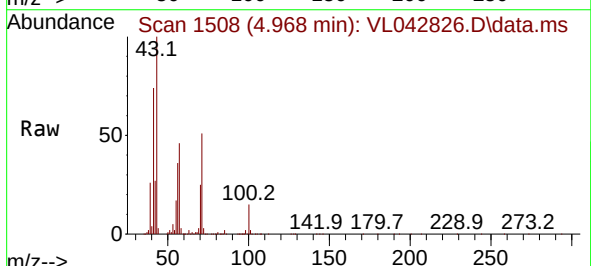
Tgt Ion: 41 Resp: 8998
 Ion Ratio Lower Upper
 41 100
 42 67.7 53.2 79.8

Manual Integrations
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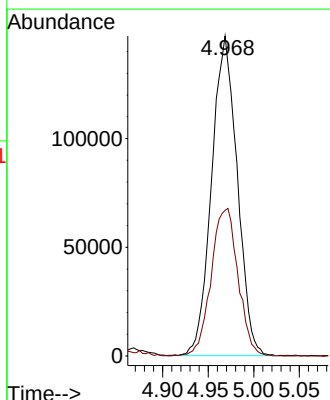
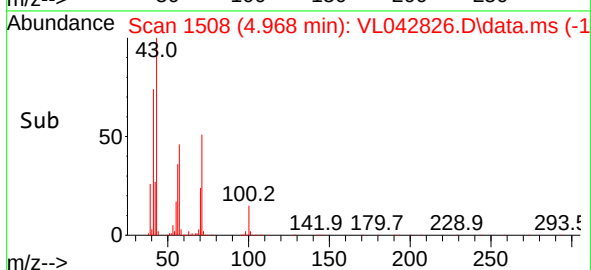
Reviewed By :Semsettin Yesilyurt 08/08/2025
 Supervised By :Mahesh Dadoda 08/11/2025

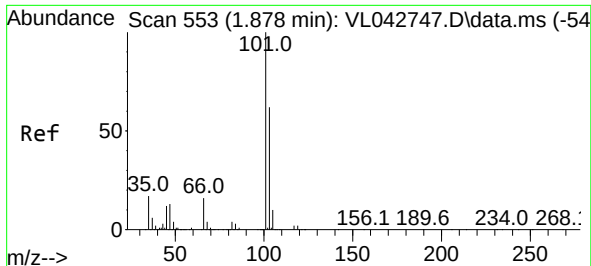


#10
 Heptane
 Concen: 10.456 ppbv
 RT: 4.968 min Scan# 1508
 Delta R.T. -0.007 min
 Lab File: VL042826.D
 Acq: 07 Aug 2025 10:28



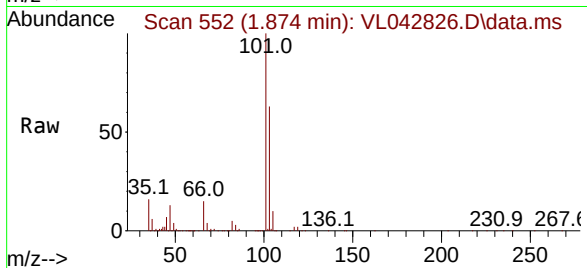
Tgt Ion: 43 Resp: 287803
 Ion Ratio Lower Upper
 43 100
 57 48.5 39.9 59.9





#11
Trichlorofluoromethane
Concen: 10.143 ppbv
RT: 1.874 min Scan# 511
Delta R.T. -0.003 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28

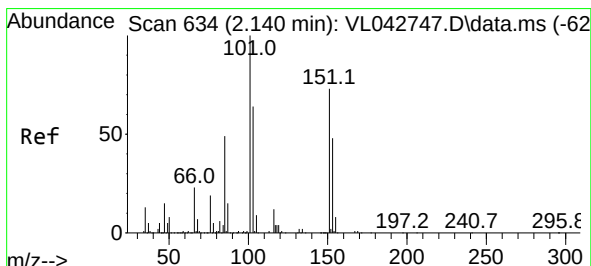
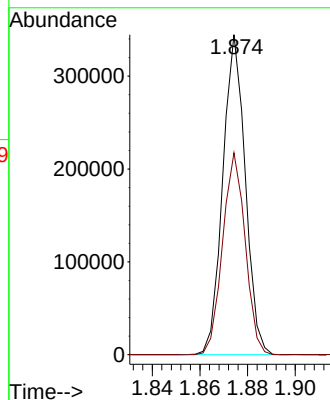
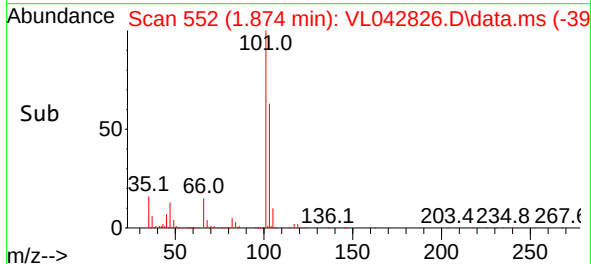
Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01



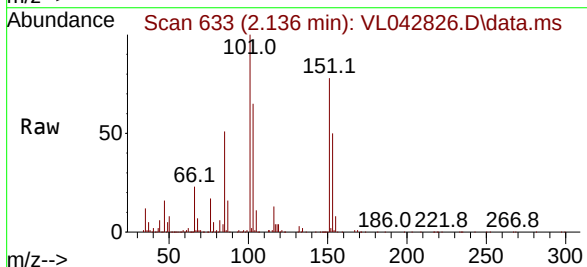
Tgt Ion:101 Resp: 225420
Ion Ratio Lower Upper
101 100
103 63.1 49.6 74.4

Manual Integrations
APPROVED

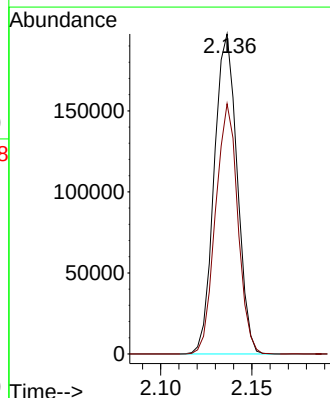
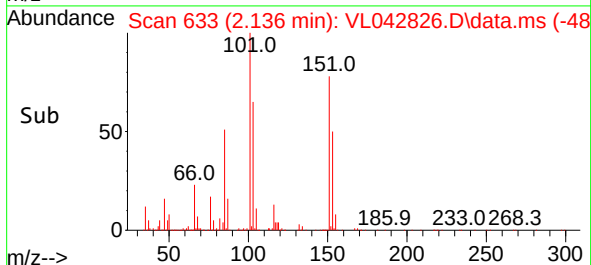
Reviewed By :Semsettin Yesilyurt 08/08/2025
Supervised By :Mahesh Dadoda 08/11/2025

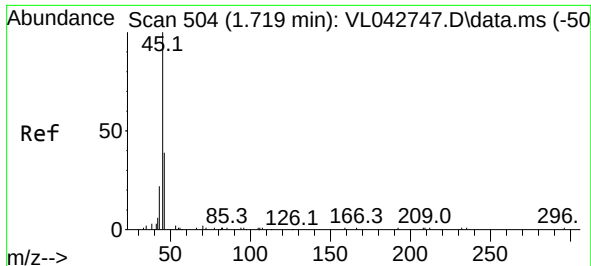


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.217 ppbv
RT: 2.136 min Scan# 633
Delta R.T. -0.003 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28



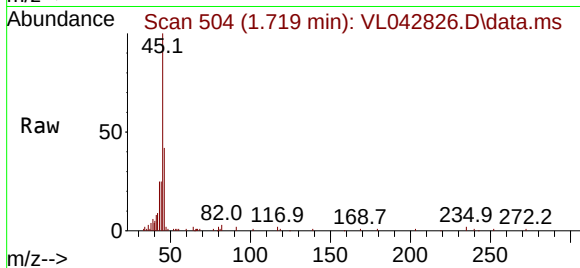
Tgt Ion:101 Resp: 172568
Ion Ratio Lower Upper
101 100
151 75.8 60.5 90.7





#13
Ethanol
Concen: 9.704 ppbv
RT: 1.719 min Scan# 504
Delta R.T. -0.000 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28

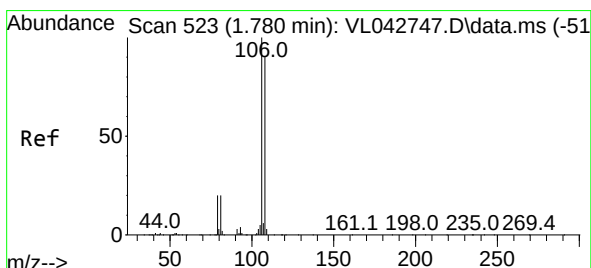
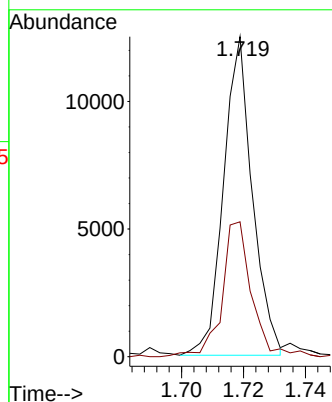
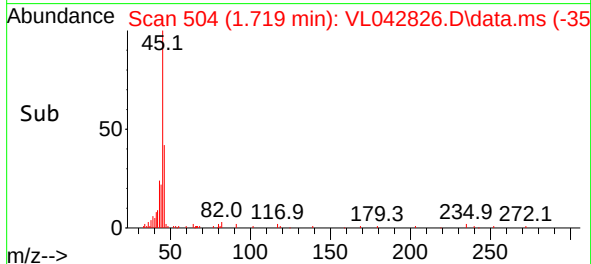
Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01



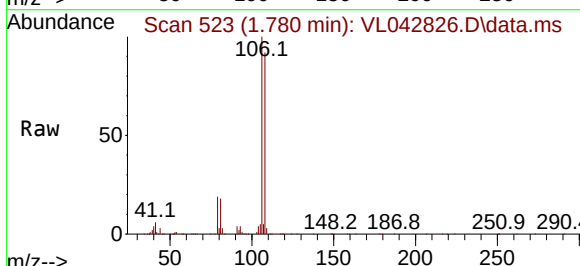
Tgt Ion: 45 Resp: 8069
Ion Ratio Lower Upper
45 100
46 46.5 17.8 71.4

Manual Integrations
APPROVED

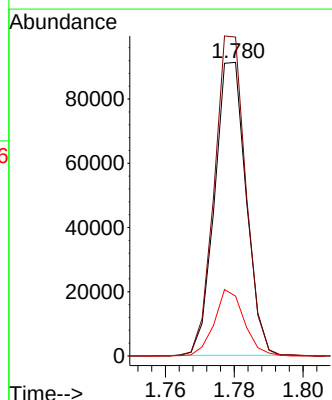
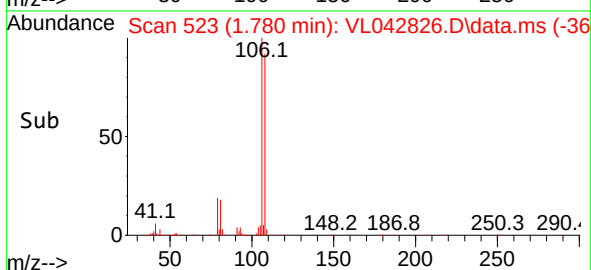
Reviewed By :Semsettin Yesilyurt 08/08/2025
Supervised By :Mahesh Dadoda 08/11/2025

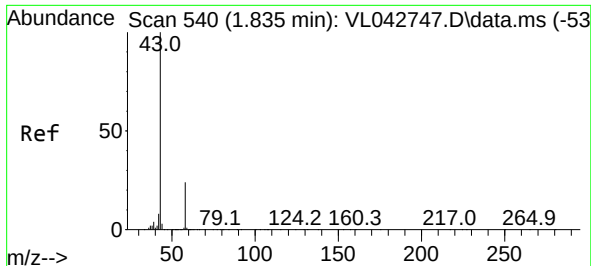


#14
Bromoethene
Concen: 9.712 ppbv
RT: 1.780 min Scan# 523
Delta R.T. -0.000 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28



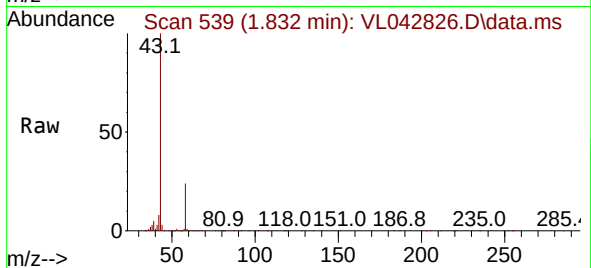
Tgt Ion:108 Resp: 58076
Ion Ratio Lower Upper
108 100
106 108.9 84.7 127.1
79 21.8 17.4 26.2





#15
Acetone
Concen: 8.309 ppbv
RT: 1.832 min Scan# 511
Delta R.T. -0.003 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28

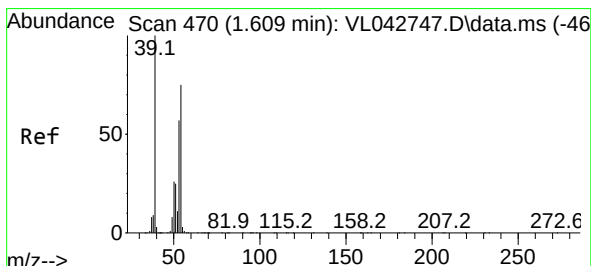
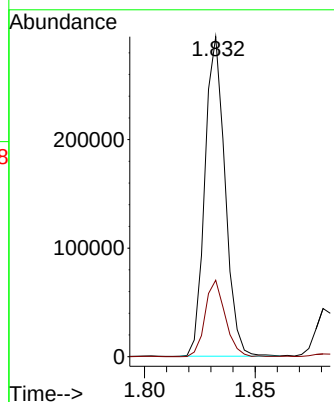
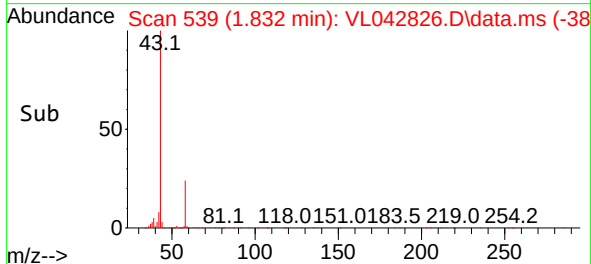
Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01



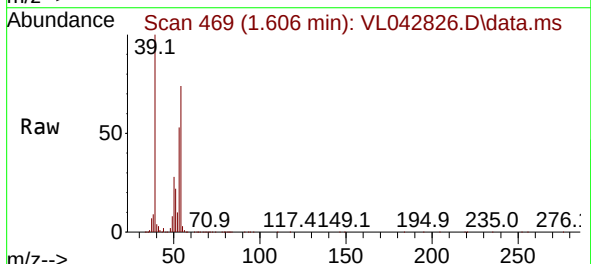
Tgt Ion: 43 Resp: 18711
Ion Ratio Lower Upper
43 100
58 24.1 19.8 29.8

Manual Integrations
APPROVED

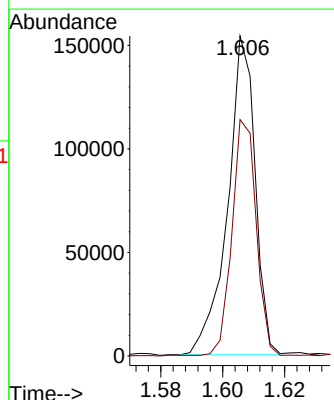
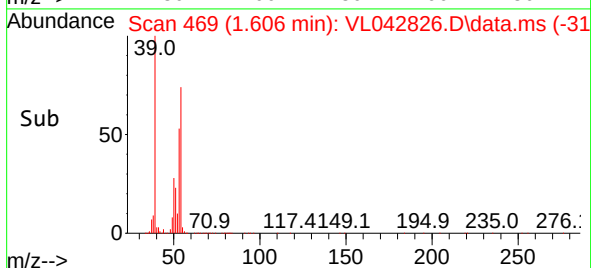
Reviewed By :Semsettin Yesilyurt 08/08/2025
Supervised By :Mahesh Dadoda 08/11/2025

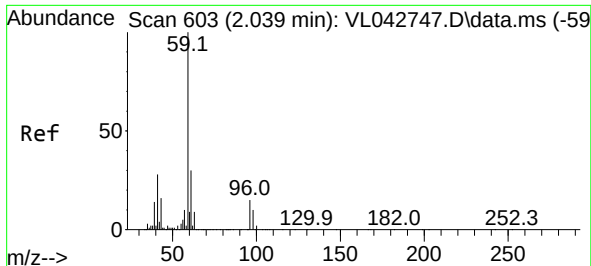


#16
1,3-Butadiene
Concen: 9.846 ppbv
RT: 1.606 min Scan# 469
Delta R.T. -0.003 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28



Tgt Ion: 39 Resp: 94575
Ion Ratio Lower Upper
39 100
54 66.5 54.5 81.7





#17

tert-Butyl alcohol

Concen: 9.315 ppbv

RT: 2.036 min Scan# 603

Delta R.T. -0.003 min

Lab File: VL042826.D

Acq: 07 Aug 2025 10:28

Instrument :

MSVOA_L

ClientSampleId :

VL0807ABS01

Tgt Ion: 59 Resp: 189179

Ion Ratio Lower Upper

59 100

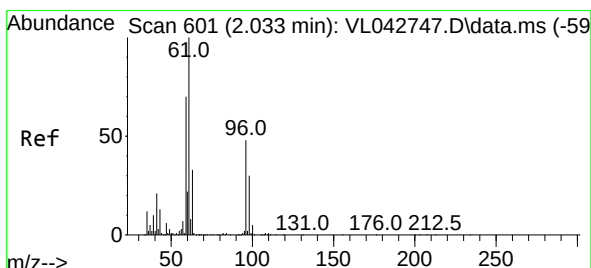
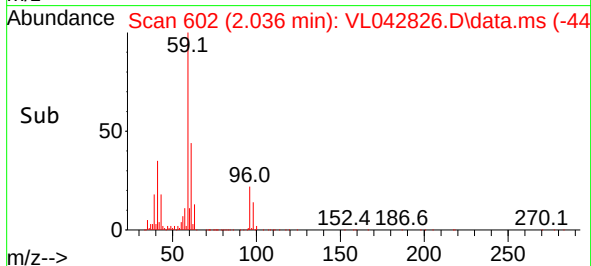
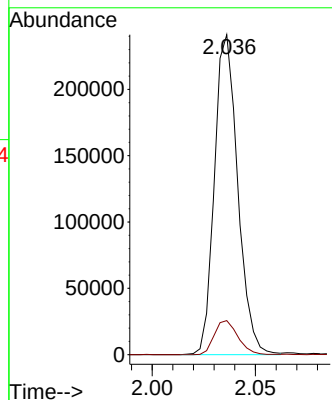
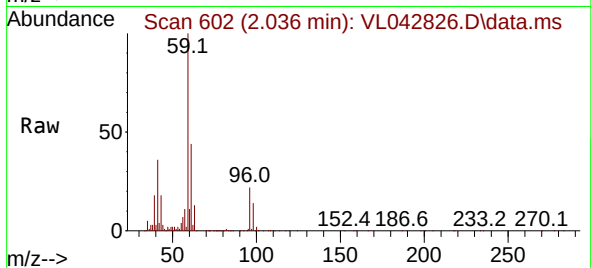
57 10.9 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/08/2025

Supervised By :Mahesh Dadoda 08/11/2025



#18

1,1-Dichloroethene

Concen: 9.534 ppbv

RT: 2.030 min Scan# 600

Delta R.T. -0.003 min

Lab File: VL042826.D

Acq: 07 Aug 2025 10:28

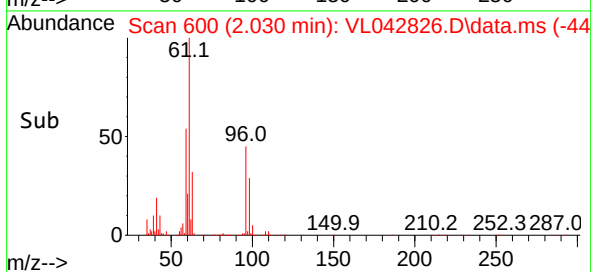
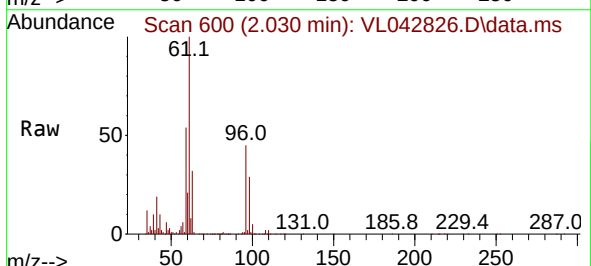
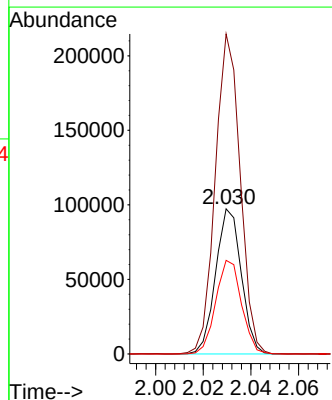
Tgt Ion: 96 Resp: 72759

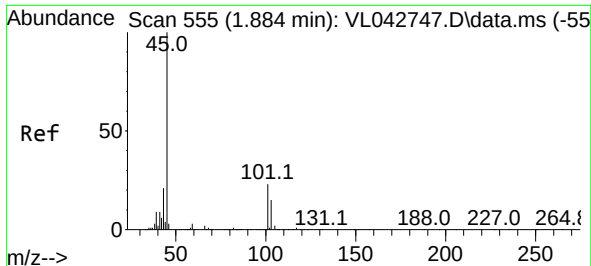
Ion Ratio Lower Upper

96 100

61 220.3 165.8 248.6

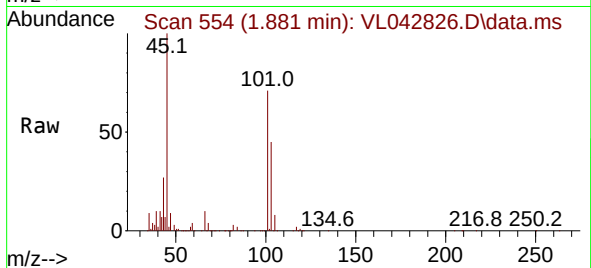
98 64.5 49.9 74.9





#19
Isopropyl Alcohol
Concen: 9.431 ppbv
RT: 1.881 min Scan# 511
Delta R.T. -0.003 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28

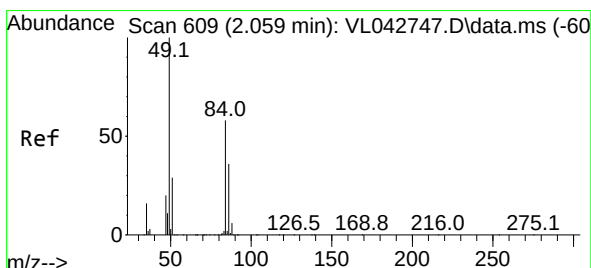
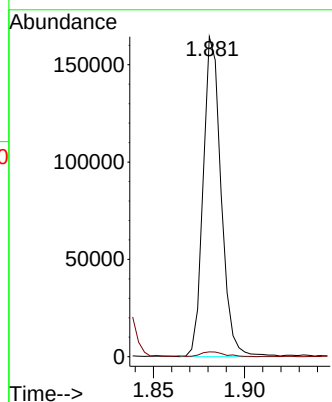
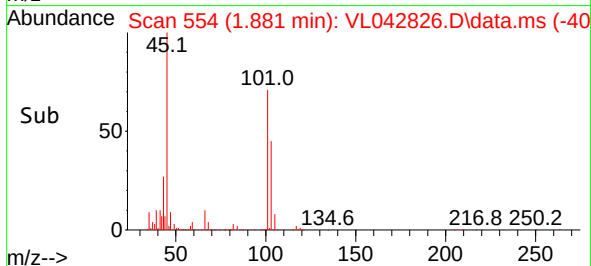
Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01



Tgt Ion: 45 Resp: 112862
Ion Ratio Lower Upper
45 100
58 40.0 30.0 45.0

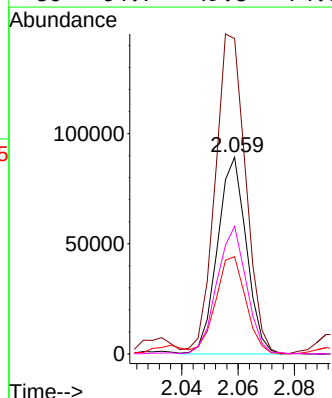
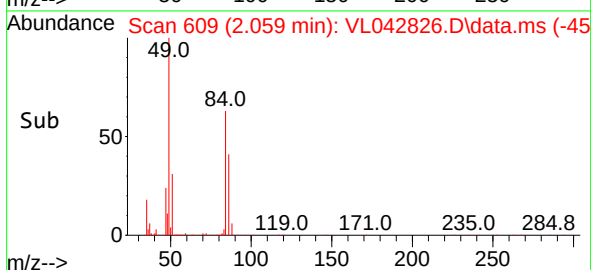
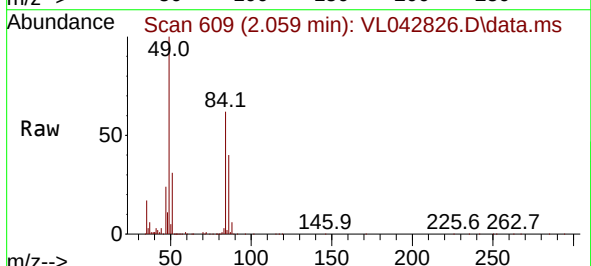
Manual Integrations
APPROVED

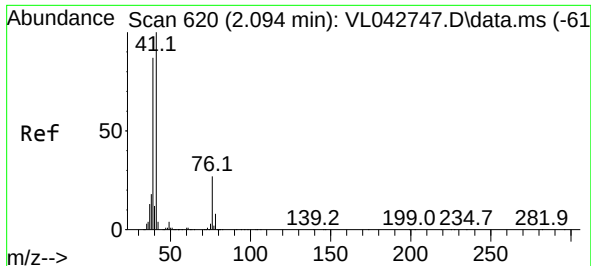
Reviewed By :Semsettin Yesilyurt 08/08/2025
Supervised By :Mahesh Dadoda 08/11/2025



#20
Methylene Chloride
Concen: 8.969 ppbv
RT: 2.059 min Scan# 609
Delta R.T. -0.000 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28

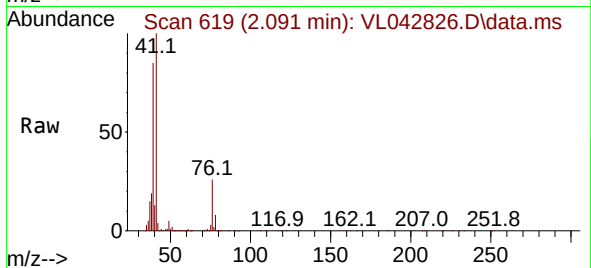
Tgt Ion: 84 Resp: 63646
Ion Ratio Lower Upper
84 100
49 159.8 138.6 208.0
51 49.0 40.6 61.0
86 64.7 49.8 74.8





#21
 Allyl Chloride
 Concen: 10.110 ppbv
 RT: 2.091 min Scan# 619
 Delta R.T. -0.003 min
 Lab File: VL042826.D
 Acq: 07 Aug 2025 10:28

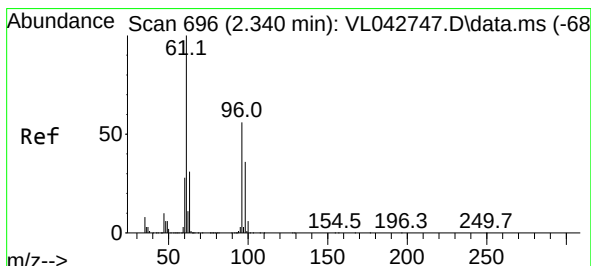
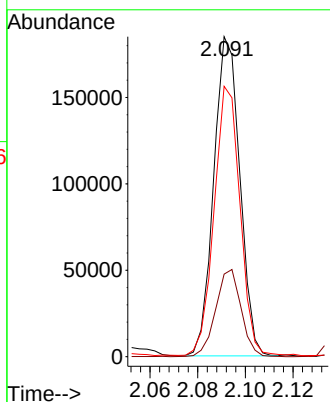
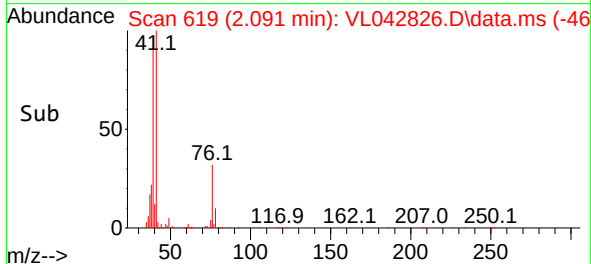
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0807ABS01



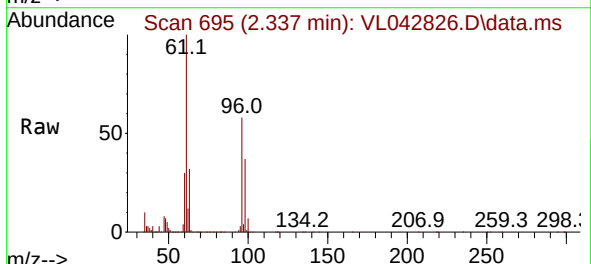
Tgt Ion: 41 Resp: 140315
 Ion Ratio Lower Upper
 41 100
 76 26.6 21.1 31.7
 39 83.9 68.3 102.5

Manual Integrations
 APPROVED

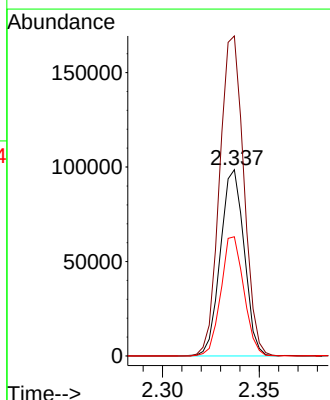
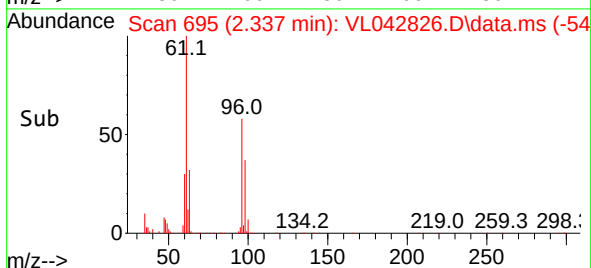
Reviewed By :Semsettin Yesilyurt 08/08/2025
 Supervised By :Mahesh Dadoda 08/11/2025

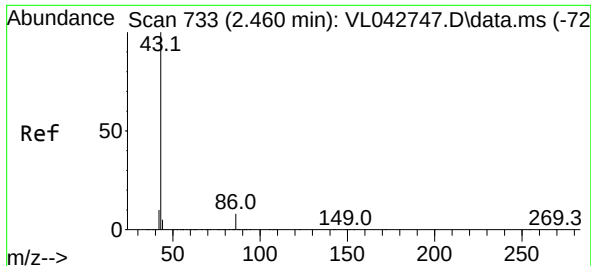


#22
 trans-1,2-Dichloroethene
 Concen: 10.273 ppbv
 RT: 2.337 min Scan# 695
 Delta R.T. -0.003 min
 Lab File: VL042826.D
 Acq: 07 Aug 2025 10:28



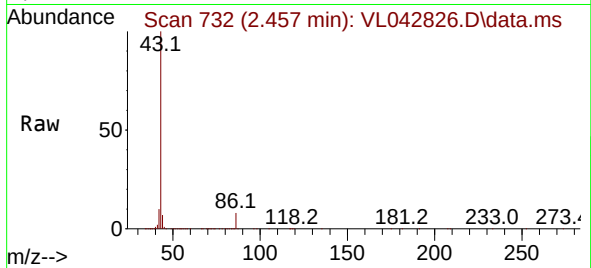
Tgt Ion: 96 Resp: 84334
 Ion Ratio Lower Upper
 96 100
 61 171.8 142.3 213.5
 98 64.0 50.6 76.0





#23
 Vinyl Acetate
 Concen: 10.850 ppbv
 RT: 2.457 min Scan# 716
 Delta R.T. -0.003 min
 Lab File: VL042826.D
 Acq: 07 Aug 2025 10:28

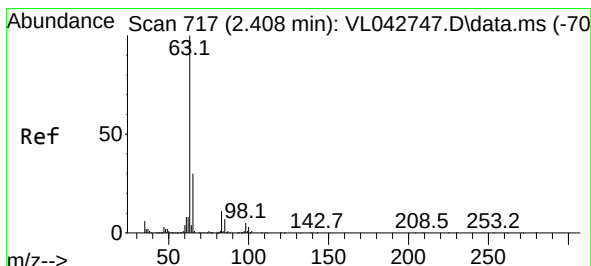
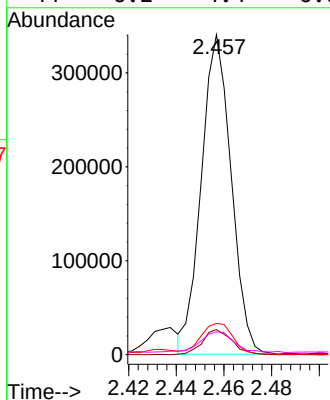
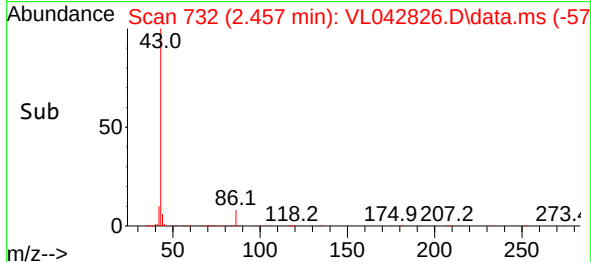
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0807ABS01



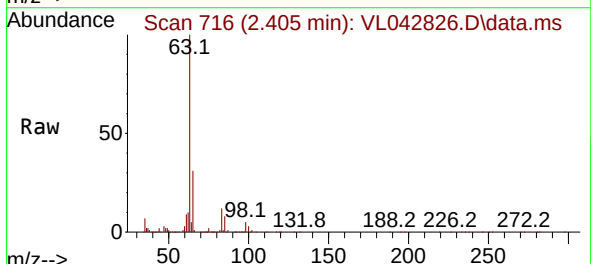
Tgt Ion:	43	Resp:	296210
Ion	Ratio	Lower	Upper
43	100		
86	7.9	6.1	9.1
42	9.6	7.8	11.8
44	6.2	4.4	6.6

Manual Integrations
 APPROVED

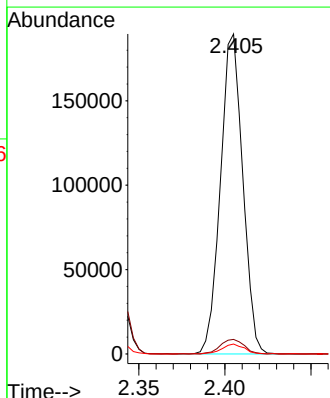
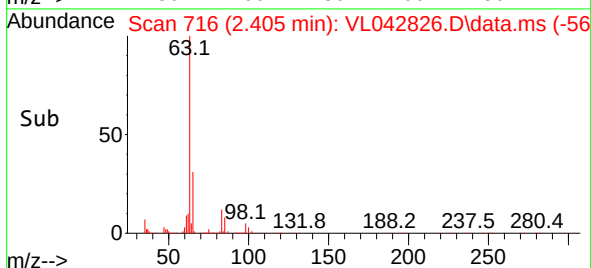
Reviewed By :Semsettin Yesilyurt 08/08/2025
 Supervised By :Mahesh Dadoda 08/11/2025

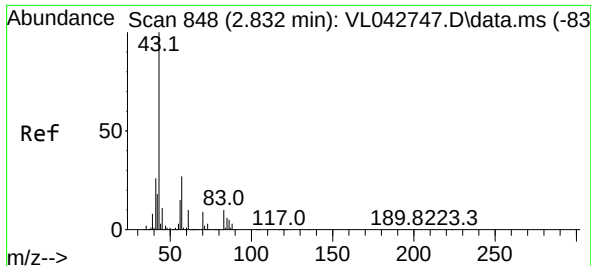


#24
 1,1-Dichloroethane
 Concen: 10.151 ppbv
 RT: 2.405 min Scan# 716
 Delta R.T. -0.003 min
 Lab File: VL042826.D
 Acq: 07 Aug 2025 10:28



Tgt Ion:	63	Resp:	171053
Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.5	7.4
100	3.1	1.6	4.8





#25

Ethyl Acetate

Concen: 10.335 ppbv

RT: 2.826 min Scan# 846

Delta R.T. -0.007 min

Lab File: VL042826.D

Acq: 07 Aug 2025 10:28

Instrument :

MSVOA_L

ClientSampleId :

VL0807ABS01

Tgt Ion: 43 Resp: 515118

Ion Ratio Lower Upper

43 100

45 9.7 7.8 11.6

61 8.5 6.7 10.1

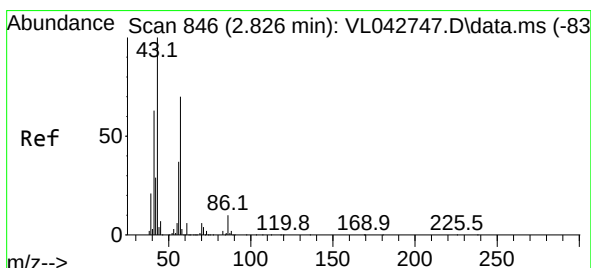
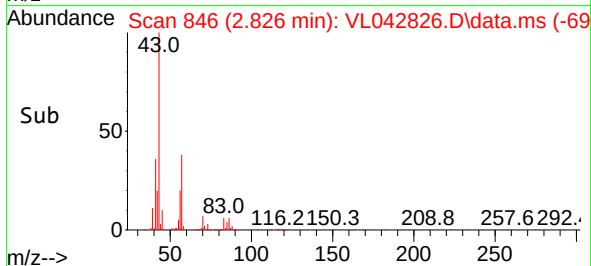
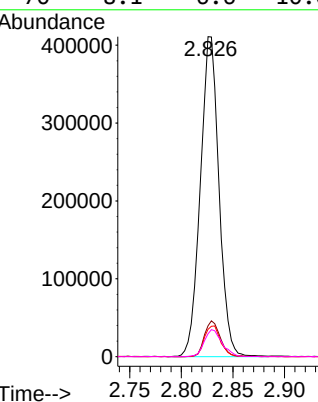
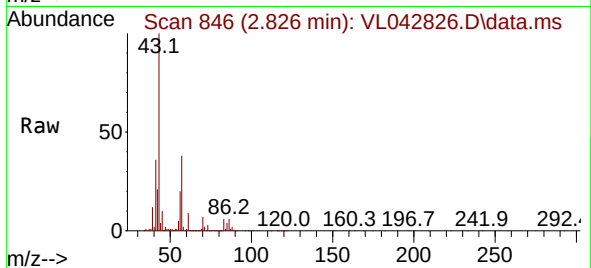
70 8.1 6.6 10.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/08/2025

Supervised By :Mahesh Dadoda 08/11/2025



#26

Hexane

Concen: 9.974 ppbv

RT: 2.819 min Scan# 844

Delta R.T. -0.007 min

Lab File: VL042826.D

Acq: 07 Aug 2025 10:28

Tgt Ion: 57 Resp: 218093

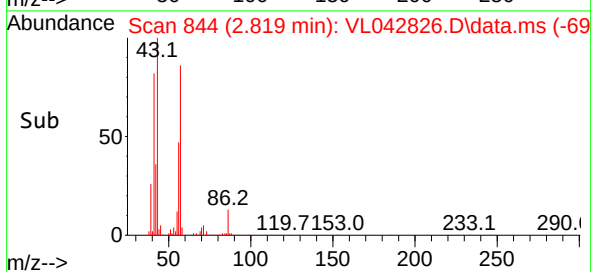
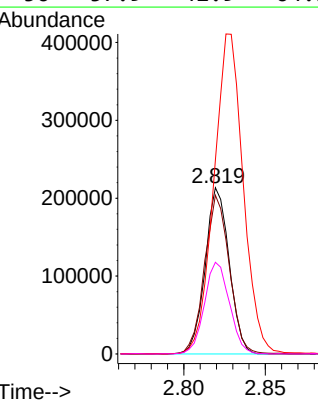
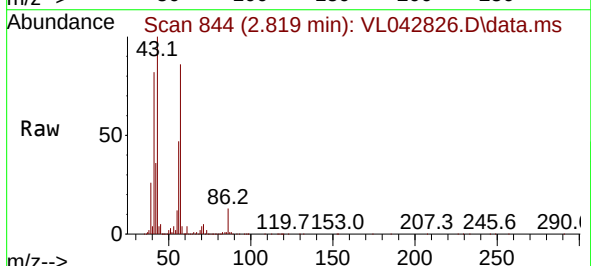
Ion Ratio Lower Upper

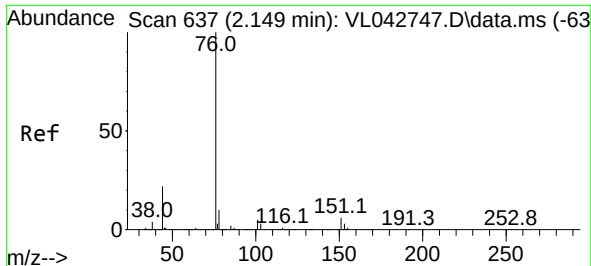
57 100

41 98.8 75.4 113.2

43 236.8 185.0 277.6

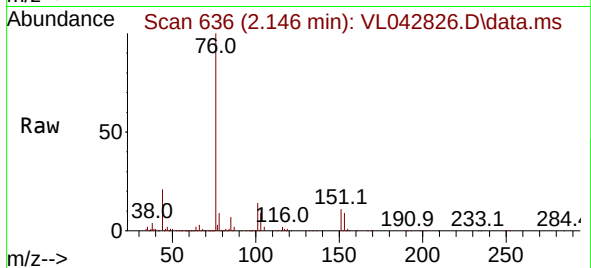
56 57.9 42.9 64.3





#27
Carbon Disulfide
Concen: 10.704 ppbv
RT: 2.146 min Scan# 611
Delta R.T. -0.003 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28

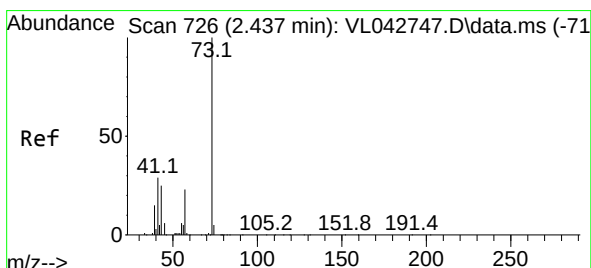
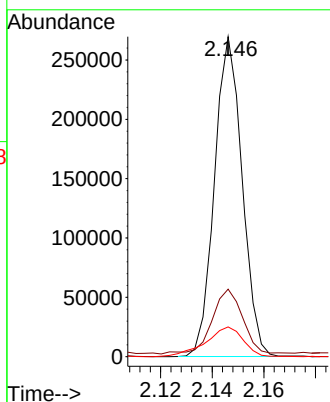
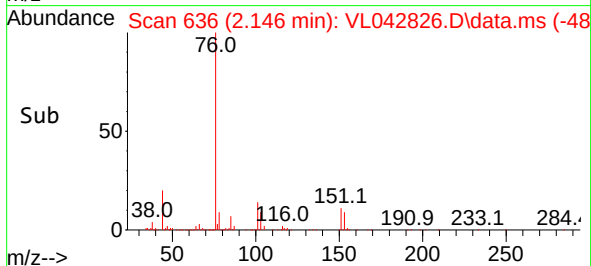
Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01



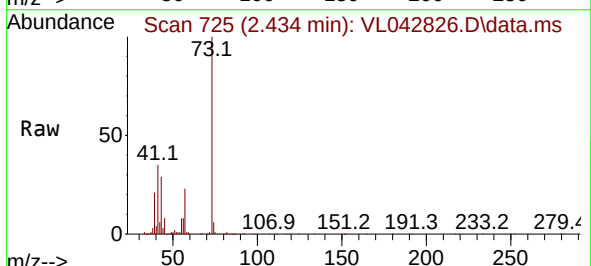
Tgt Ion: 76 Resp: 200361
Ion Ratio Lower Upper
76 100
44 21.7 19.3 28.9
78 12.7 9.9 14.9

Manual Integrations
APPROVED

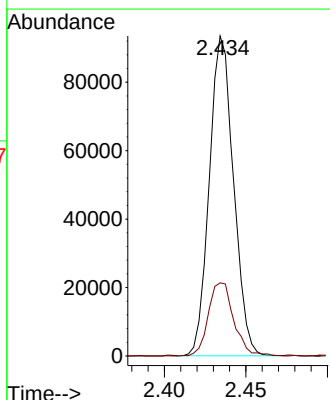
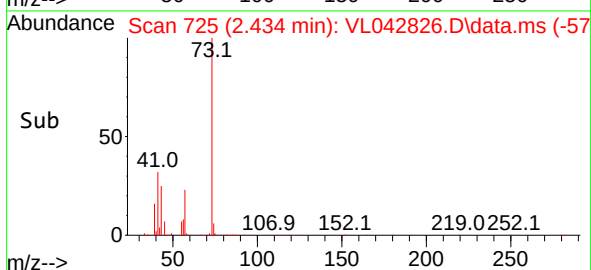
Reviewed By :Semsettin Yesilyurt 08/08/2025
Supervised By :Mahesh Dadoda 08/11/2025

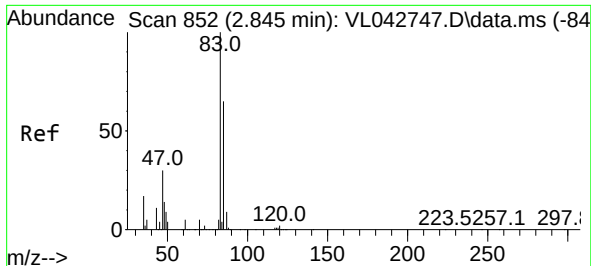


#28
Methyl tert-Butyl Ether
Concen: 9.333 ppbv
RT: 2.434 min Scan# 725
Delta R.T. -0.003 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28



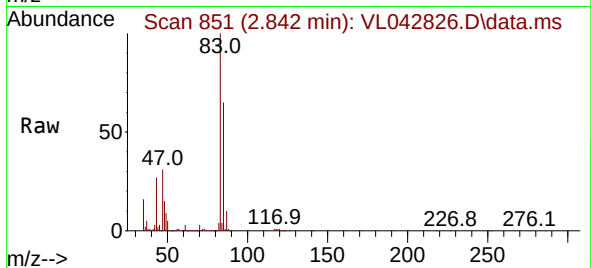
Tgt Ion: 73 Resp: 96403
Ion Ratio Lower Upper
73 100
57 24.2 19.8 29.8





#29
Chloroform
Concen: 10.569 ppbv
RT: 2.842 min Scan# 851
Delta R.T. -0.003 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28

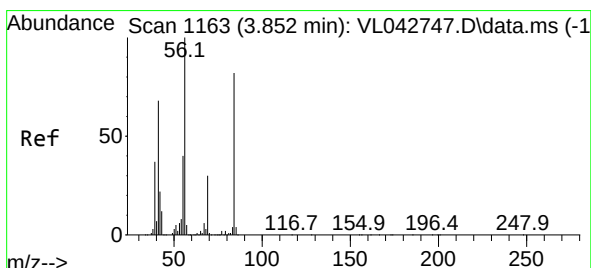
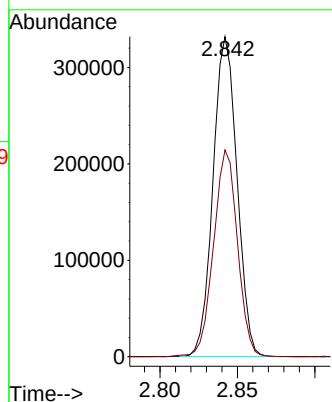
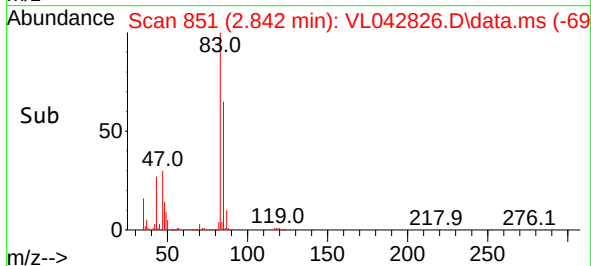
Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01



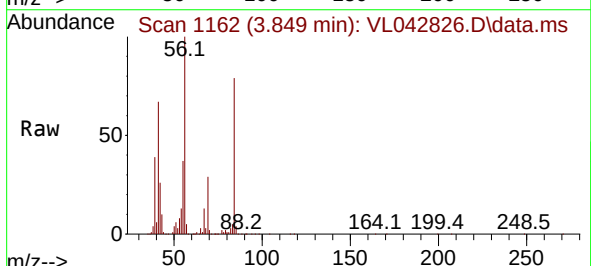
Tgt Ion: 83 Resp: 35710
Ion Ratio Lower Upper
83 100
85 64.6 52.2 78.2

Manual Integrations
APPROVED

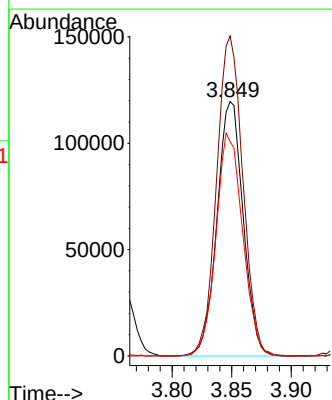
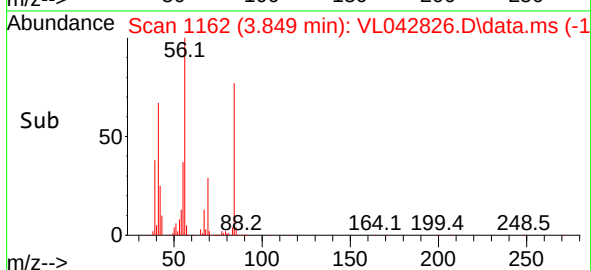
Reviewed By :Semsettin Yesilyurt 08/08/2025
Supervised By :Mahesh Dadoda 08/11/2025

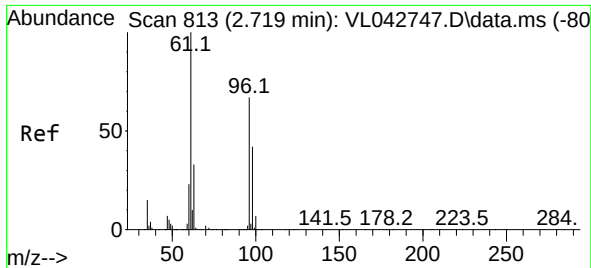


#30
Cyclohexane
Concen: 9.832 ppbv
RT: 3.849 min Scan# 1162
Delta R.T. -0.003 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28



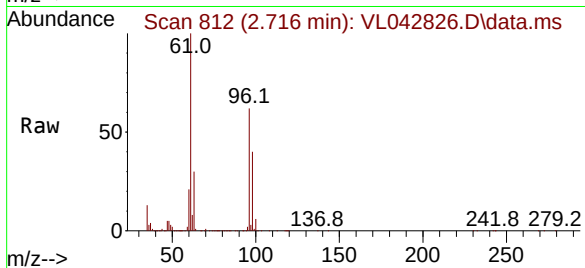
Tgt Ion: 84 Resp: 182334
Ion Ratio Lower Upper
84 100
56 126.3 97.5 146.3
41 89.5 67.2 100.8





#31
 cis-1,2-Dichloroethene
 Concen: 9.339 ppbv
 RT: 2.716 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VL042826.D
 Acq: 07 Aug 2025 10:28

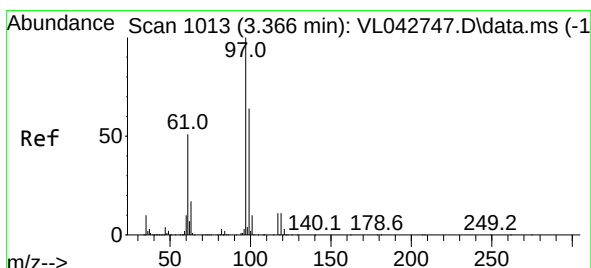
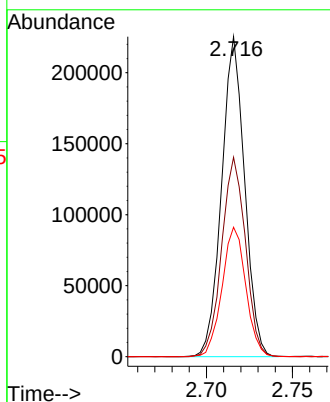
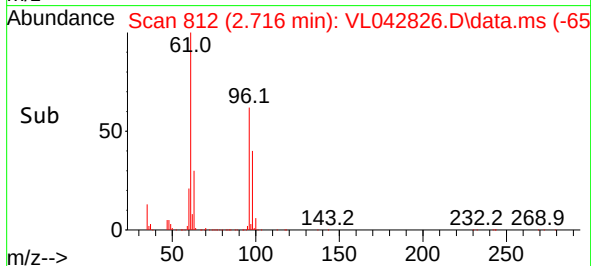
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0807ABS01



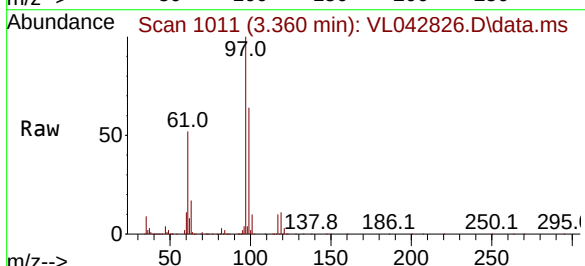
Tgt Ion: 61 Resp: 209844
 Ion Ratio Lower Upper
 61 100
 96 62.3 53.5 80.3
 98 40.4 33.6 50.4

Manual Integrations
 APPROVED

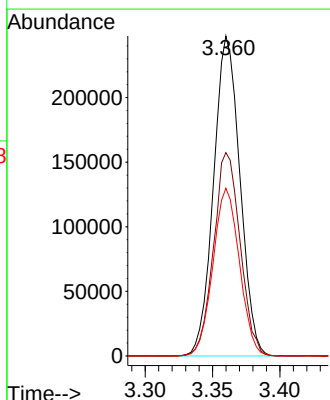
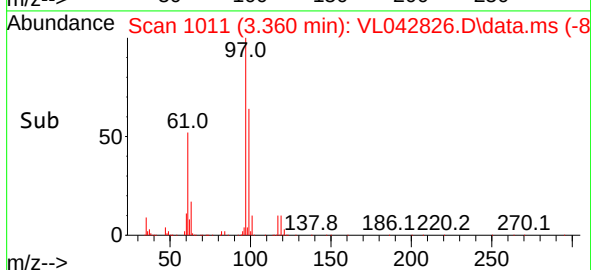
Reviewed By :Semsettin Yesilyurt 08/08/2025
 Supervised By :Mahesh Dadoda 08/11/2025

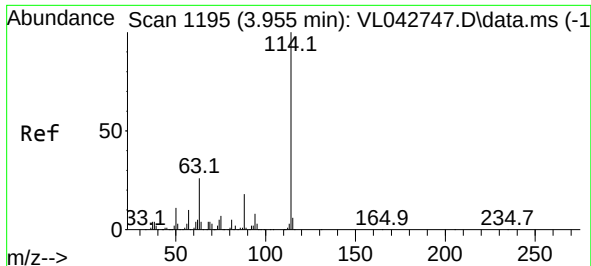


#32
 1,1,1-Trichloroethane
 Concen: 9.573 ppbv
 RT: 3.360 min Scan# 1011
 Delta R.T. -0.007 min
 Lab File: VL042826.D
 Acq: 07 Aug 2025 10:28



Tgt Ion: 97 Resp: 336916
 Ion Ratio Lower Upper
 97 100
 99 64.1 51.0 76.6
 61 52.8 40.9 61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.949 min Scan# 1193

Delta R.T. -0.007 min

Lab File: VL042826.D

Acq: 07 Aug 2025 10:28

Instrument :

MSVOA_L

ClientSampleId :

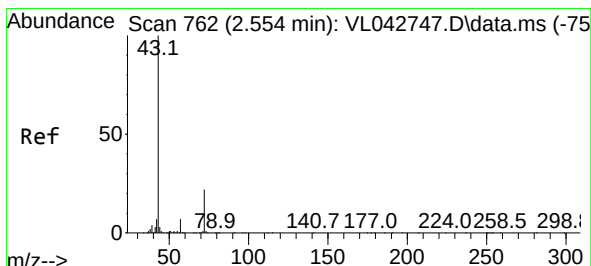
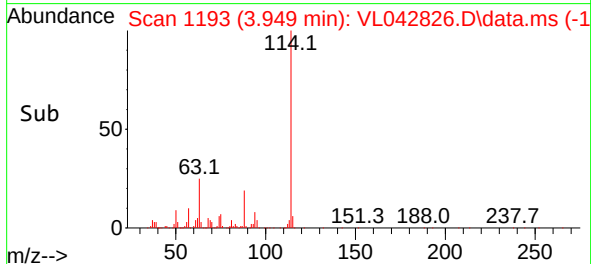
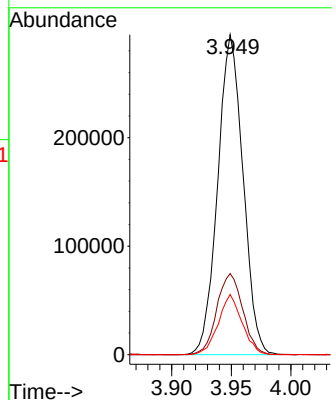
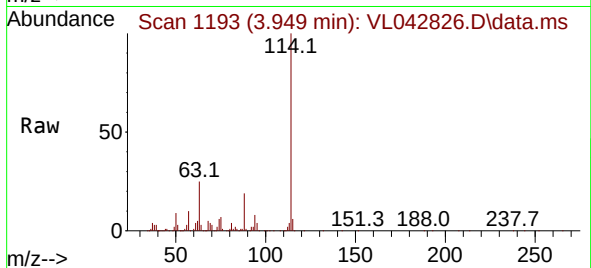
VL0807ABS01

Tgt Ion:114	Resp: 43561
Ion Ratio	Lower Upper
114 100	
63 26.0	20.5 30.7
88 17.7	14.0 21.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/08/2025
Supervised By :Mahesh Dadoda 08/11/2025



#34

2-Butanone

Concen: 10.763 ppbv

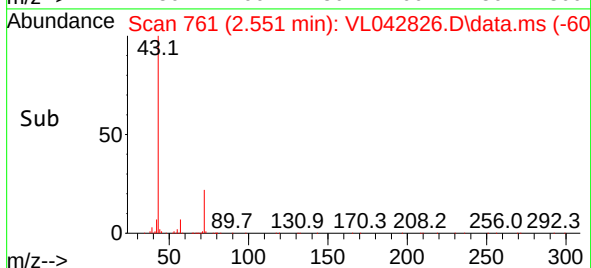
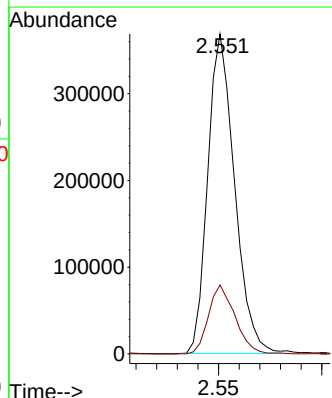
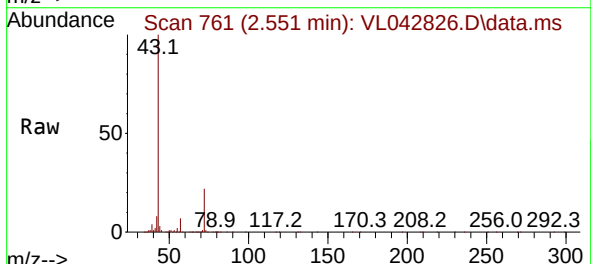
RT: 2.551 min Scan# 761

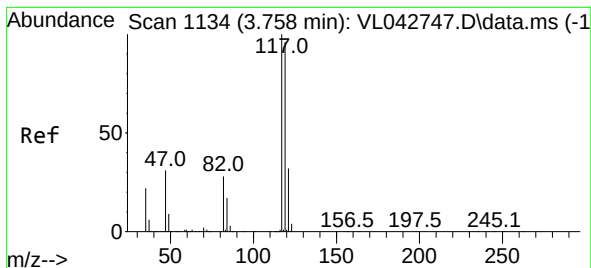
Delta R.T. -0.003 min

Lab File: VL042826.D

Acq: 07 Aug 2025 10:28

Tgt Ion: 43	Resp: 332116
Ion Ratio	Lower Upper
43 100	
72 21.5	17.4 26.0





#35

Carbon Tetrachloride

Concen: 11.381 ppbv

RT: 3.755 min Scan# 1134

Delta R.T. -0.003 min

Lab File: VL042826.D

Acq: 07 Aug 2025 10:28

Instrument :

MSVOA_L

ClientSampleId :

VL0807ABS01

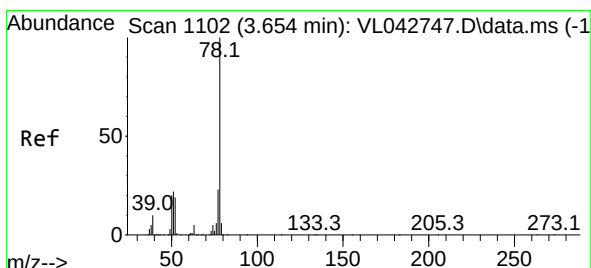
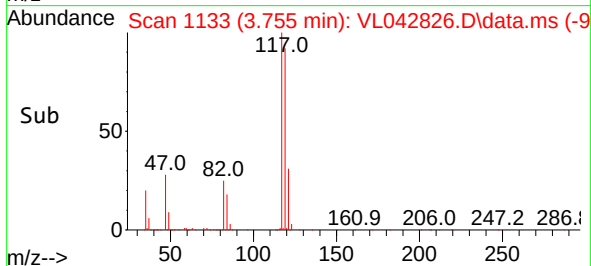
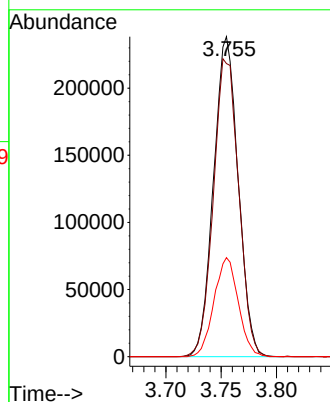
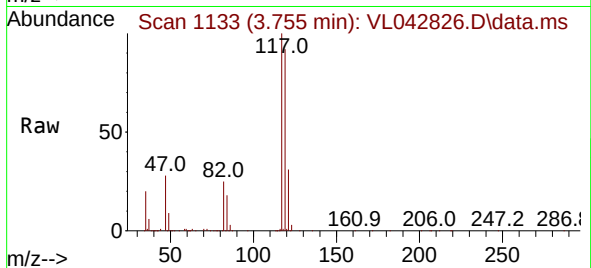
Tgt Ion:117 Resp: 368249

Ion	Ratio	Lower	Upper
117	100		
119	91.6	77.1	115.7
121	31.0	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/08/2025
Supervised By :Mahesh Dadoda 08/11/2025



#36

Benzene

Concen: 10.489 ppbv

RT: 3.648 min Scan# 1100

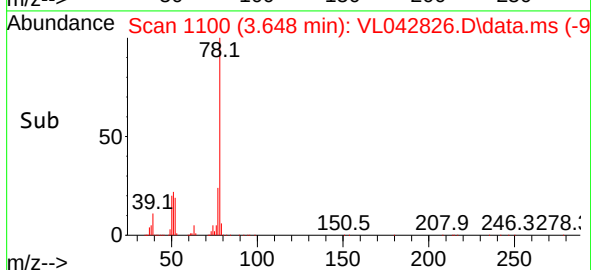
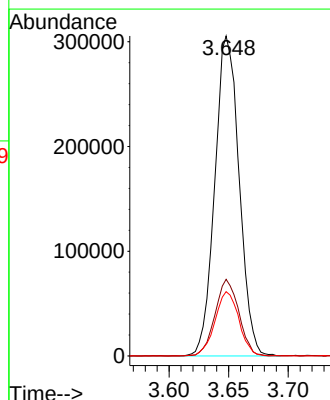
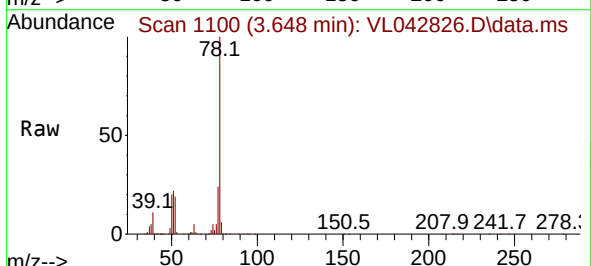
Delta R.T. -0.007 min

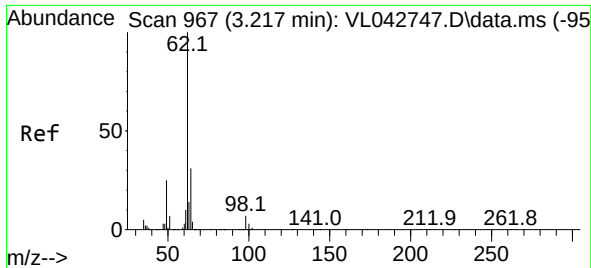
Lab File: VL042826.D

Acq: 07 Aug 2025 10:28

Tgt Ion: 78 Resp: 433049

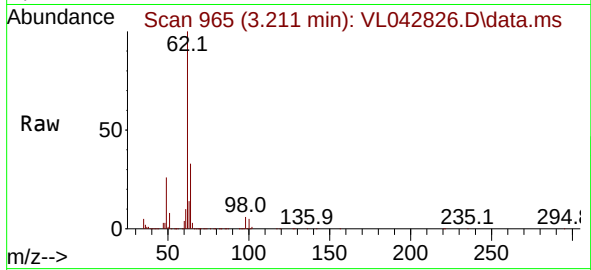
Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.5	27.7
50	20.0	16.2	24.2





#37
1,2-Dichloroethane
Concen: 10.865 ppbv
RT: 3.211 min Scan# 90
Delta R.T. -0.007 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28

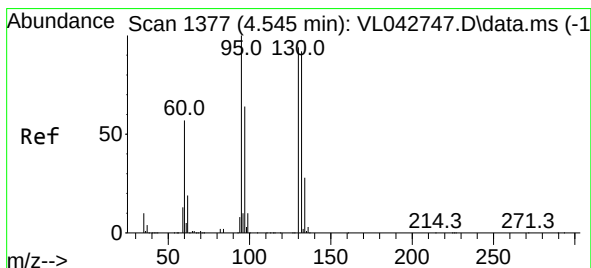
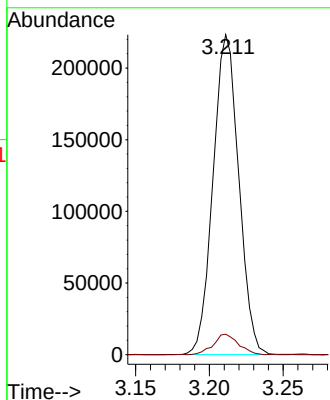
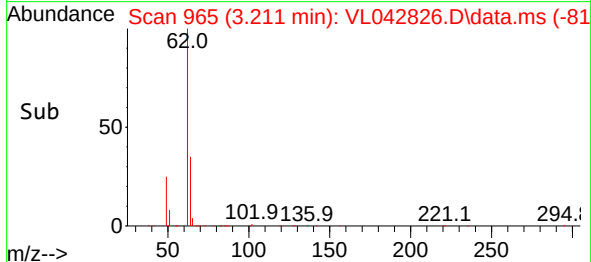
Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01



Tgt Ion: 62 Resp: 27021
Ion Ratio Lower Upper
62 100
98 6.3 5.2 7.8

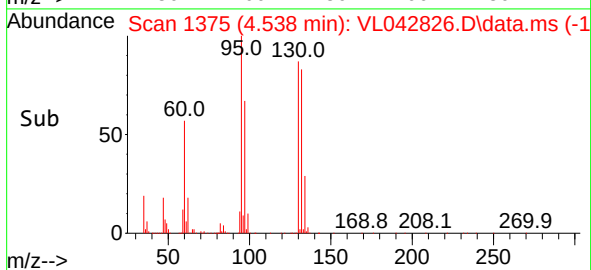
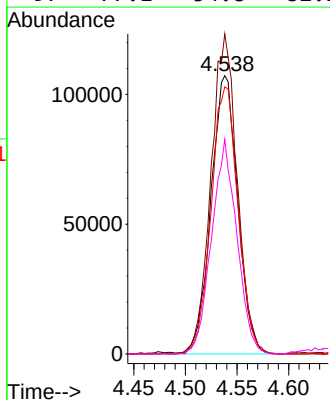
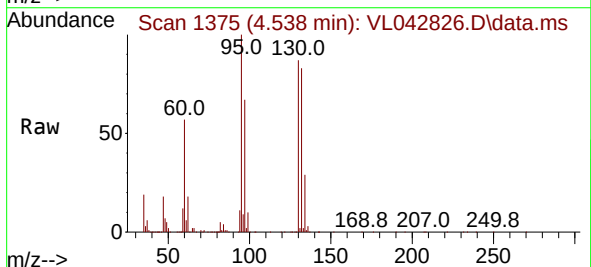
Manual Integrations
APPROVED

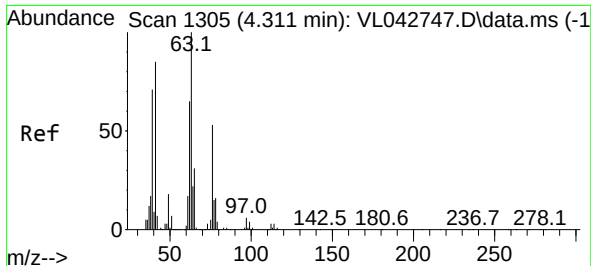
Reviewed By :Semsettin Yesilyurt 08/08/2025
Supervised By :Mahesh Dadoda 08/11/2025



#38
Trichloroethene
Concen: 9.764 ppbv
RT: 4.538 min Scan# 1375
Delta R.T. -0.007 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28

Tgt Ion:130 Resp: 193655
Ion Ratio Lower Upper
130 100
95 114.9 85.4 128.2
132 96.0 78.2 117.2
97 77.1 54.8 82.2





#39

1,2-Dichloropropane

Concen: 10.584 ppbv

RT: 4.305 min Scan# 1305

Delta R.T. -0.007 min

Lab File: VL042826.D

Acq: 07 Aug 2025 10:28

Instrument :

MSVOA_L

ClientSampleId :

VL0807ABS01

Tgt Ion: 63 Resp: 161290

Ion Ratio Lower Upper

63 100

41 87.7 68.2 102.4

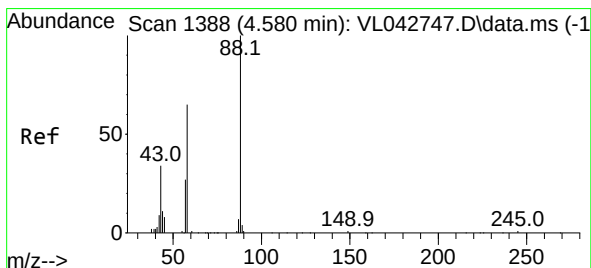
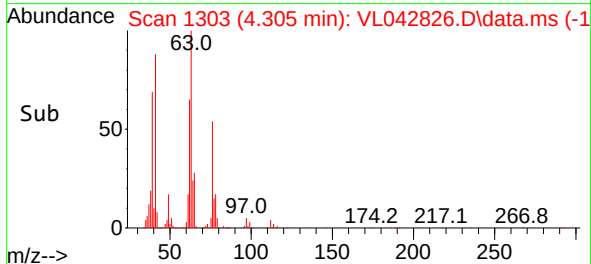
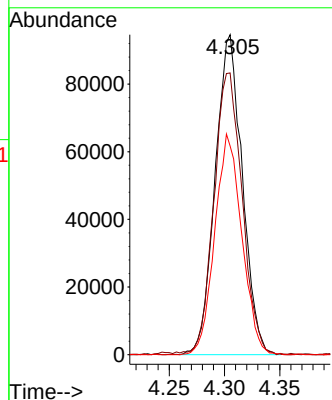
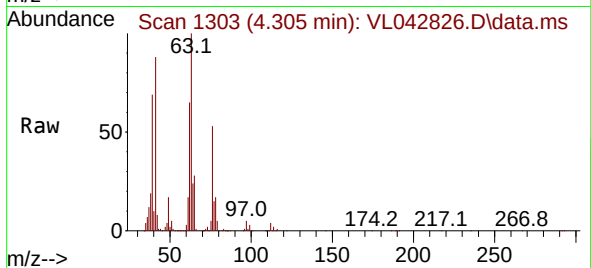
62 65.2 52.0 78.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/08/2025

Supervised By :Mahesh Dadoda 08/11/2025



#40

1,4-Dioxane

Concen: 8.940 ppbv

RT: 4.574 min Scan# 1386

Delta R.T. -0.007 min

Lab File: VL042826.D

Acq: 07 Aug 2025 10:28

Tgt Ion: 88 Resp: 63503

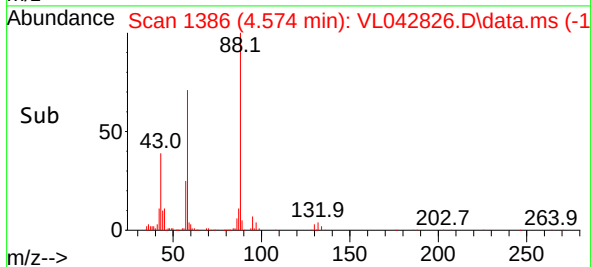
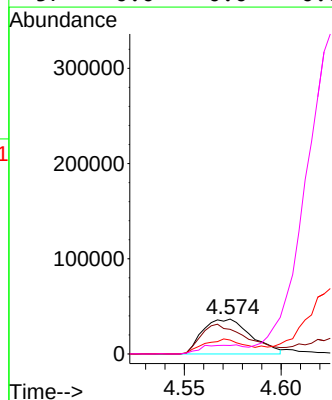
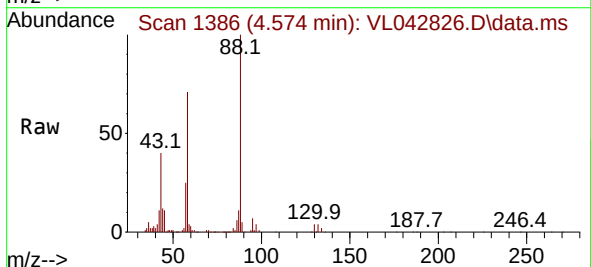
Ion Ratio Lower Upper

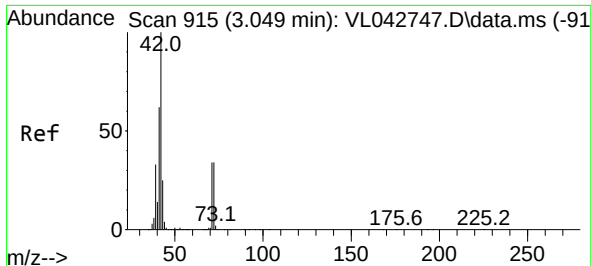
88 100

58 81.1 58.8 88.2

43 37.2 28.9 43.3

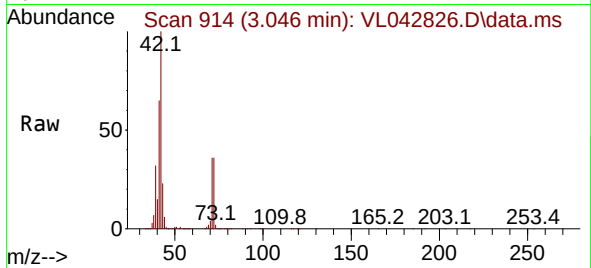
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 10.909 ppbv
RT: 3.046 min Scan# 915
Delta R.T. -0.003 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28

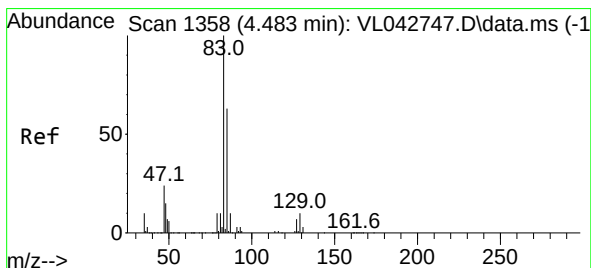
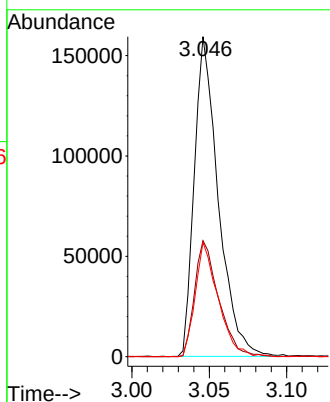
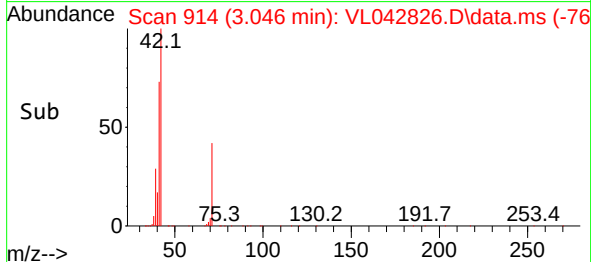
Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01



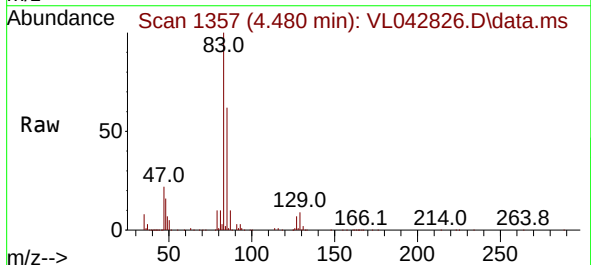
Tgt Ion: 42 Resp: 171292
Ion Ratio Lower Upper
42 100
72 36.4 30.9 46.3
71 34.3 28.6 43.0

Manual Integrations
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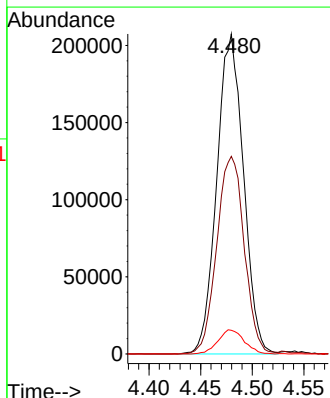
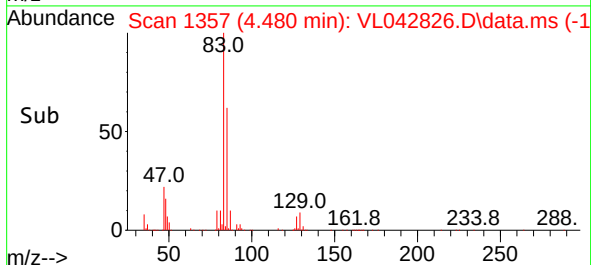
Reviewed By :Semsettin Yesilyurt 08/08/2025
Supervised By :Mahesh Dadoda 08/11/2025

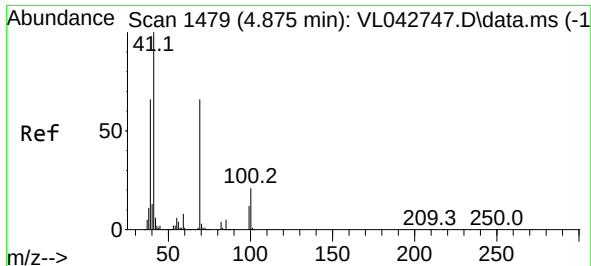


#42
Bromodichloromethane
Concen: 11.504 ppbv
RT: 4.480 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28



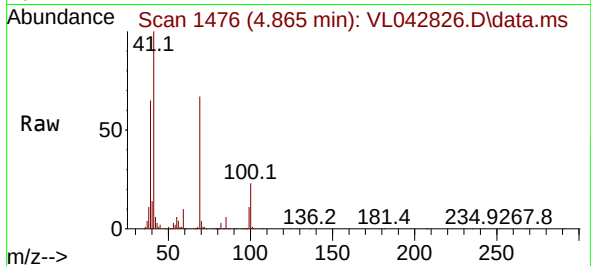
Tgt Ion: 83 Resp: 372605
Ion Ratio Lower Upper
83 100
85 61.7 50.2 75.4
127 7.4 5.4 8.2





#43
Methyl Methacrylate
Concen: 10.828 ppbv
RT: 4.865 min Scan# 1479
Delta R.T. -0.010 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28

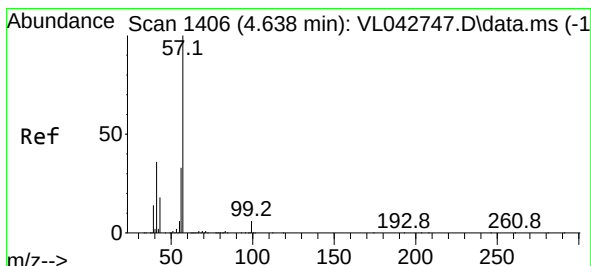
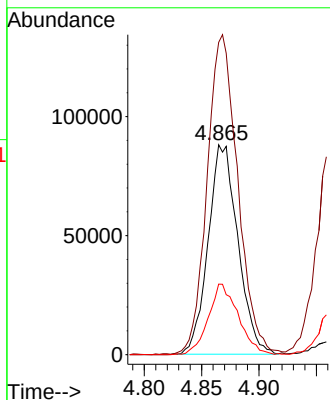
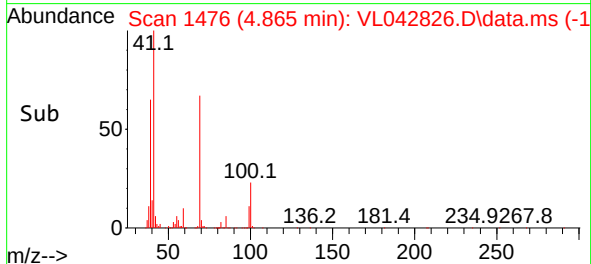
Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01



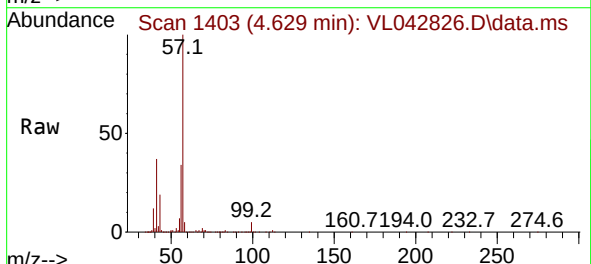
Tgt Ion: 69 Resp: 158894
Ion Ratio Lower Upper
69 100
41 157.2 125.7 188.5
100 34.0 28.6 42.8

Manual Integrations
APPROVED

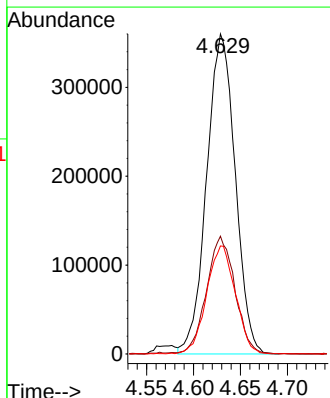
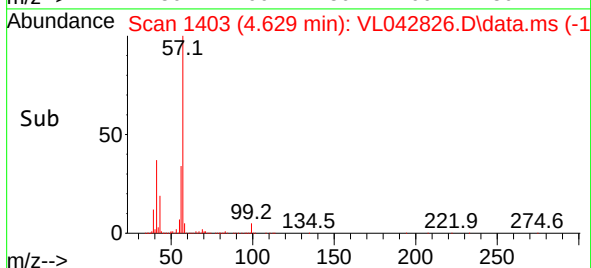
Reviewed By :Semsettin Yesilyurt 08/08/2025
Supervised By :Mahesh Dadoda 08/11/2025

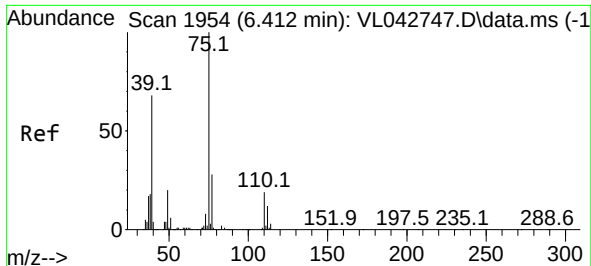


#44
2,2,4-Trimethylpentane
Concen: 11.318 ppbv
RT: 4.629 min Scan# 1403
Delta R.T. -0.010 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28



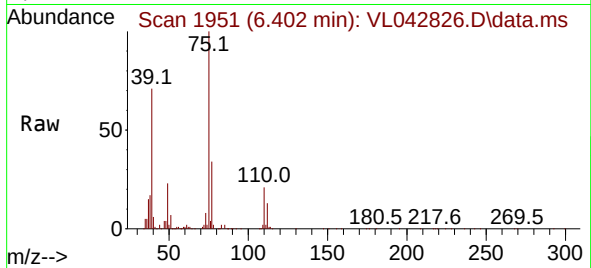
Tgt Ion: 57 Resp: 761571
Ion Ratio Lower Upper
57 100
41 37.2 28.3 42.5
56 34.1 25.8 38.6





#45
 t-1,3-Dichloropropene
 Concen: 10.325 ppbv
 RT: 6.402 min Scan# 1954
 Delta R.T. -0.010 min
 Lab File: VL042826.D
 Acq: 07 Aug 2025 10:28

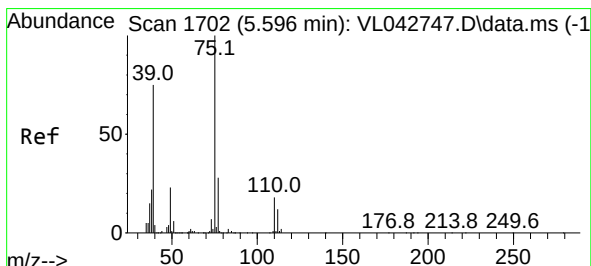
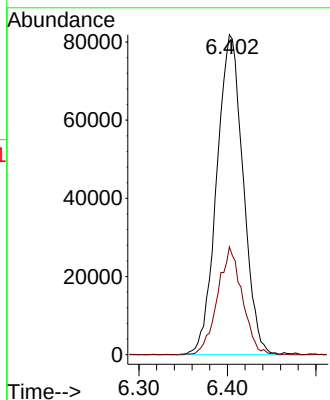
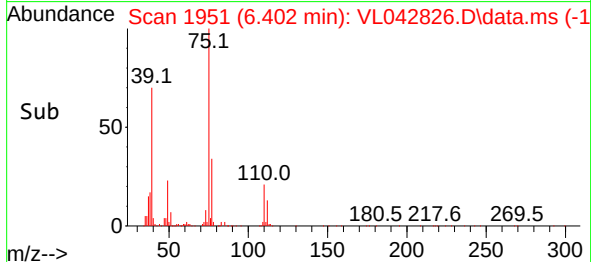
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0807ABS01



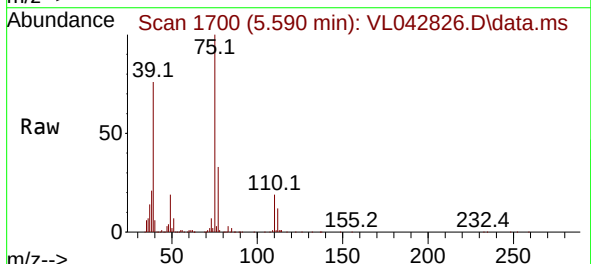
Tgt Ion: 75 Resp: 16990
 Ion Ratio Lower Upper
 75 100
 77 33.7 22.4 33.6

Manual Integrations
 APPROVED

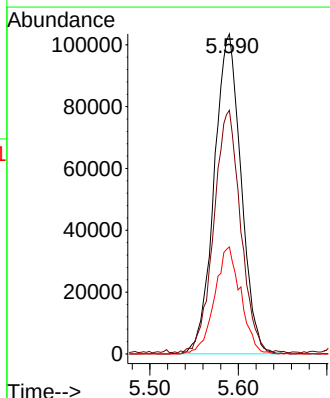
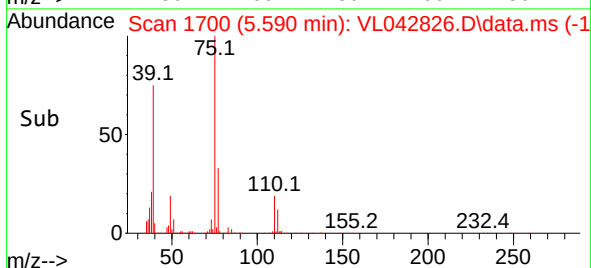
Reviewed By :Semsettin Yesilyurt 08/08/2025
 Supervised By :Mahesh Dadoda 08/11/2025

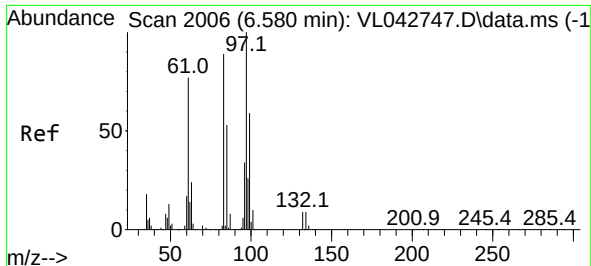


#46
 cis-1,3-Dichloropropene
 Concen: 10.441 ppbv
 RT: 5.590 min Scan# 1700
 Delta R.T. -0.007 min
 Lab File: VL042826.D
 Acq: 07 Aug 2025 10:28



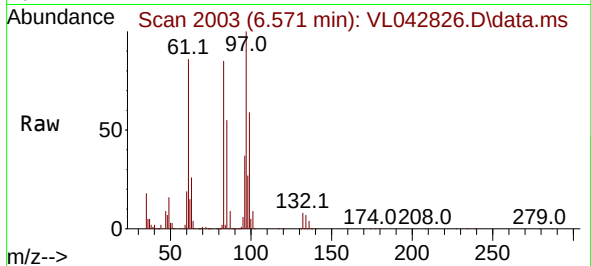
Tgt Ion: 75 Resp: 217713
 Ion Ratio Lower Upper
 75 100
 39 75.9 60.2 90.2
 77 33.5 22.6 34.0





#47
1,1,2-Trichloroethane
Concen: 10.930 ppbv
RT: 6.571 min Scan# 2006
Delta R.T. -0.010 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28

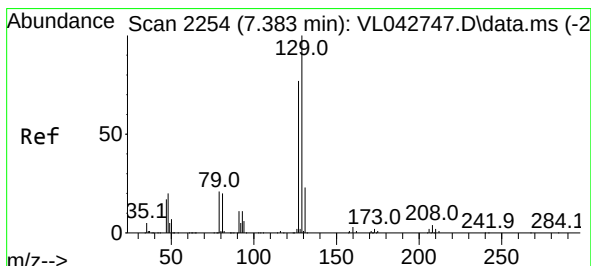
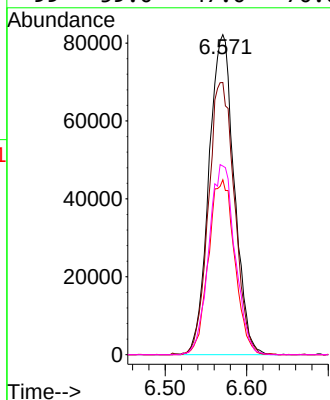
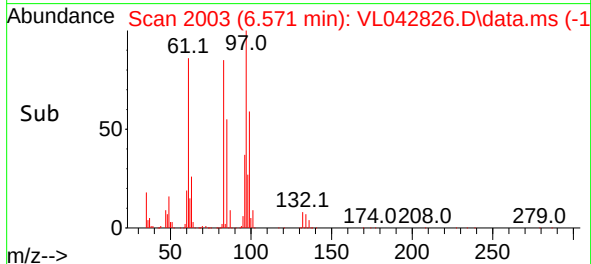
Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01



Tgt Ion: 97 Resp: 17755
Ion Ratio Lower Upper
97 100
83 85.1 71.1 106.7
85 54.6 43.0 64.4
99 59.0 47.0 70.6

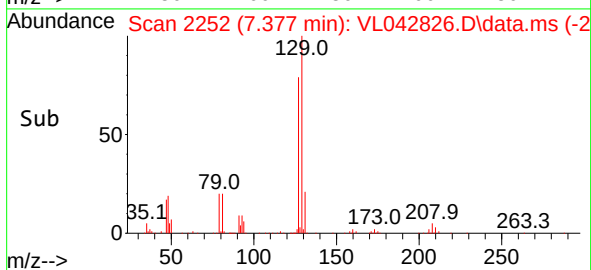
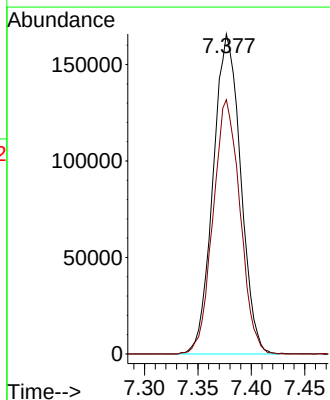
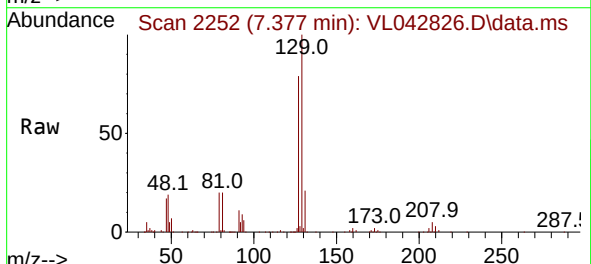
Manual Integrations
APPROVED

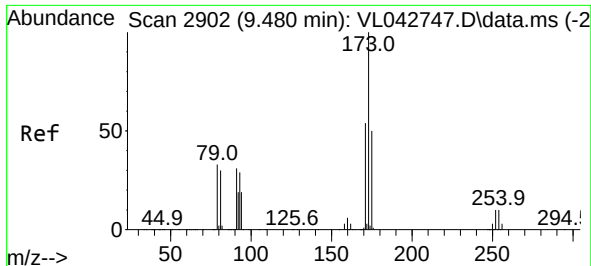
Reviewed By :Semsettin Yesilyurt 08/08/2025
Supervised By :Mahesh Dadoda 08/11/2025



#48
Dibromochloromethane
Concen: 11.521 ppbv
RT: 7.377 min Scan# 2252
Delta R.T. -0.007 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28

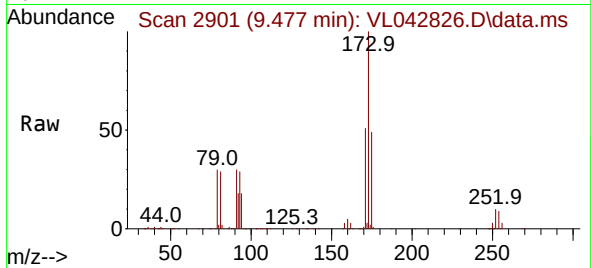
Tgt Ion:129 Resp: 297112
Ion Ratio Lower Upper
129 100
127 78.0 38.7 116.1





#49
Bromoform
Concen: 12.097 ppbv
RT: 9.477 min Scan# 2902
Delta R.T. -0.003 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28

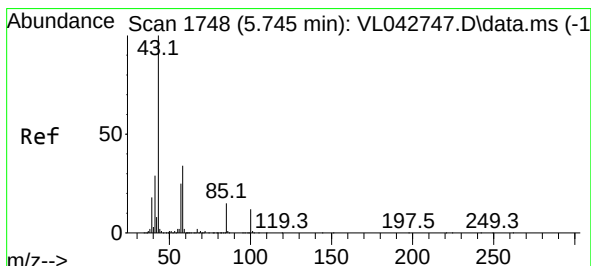
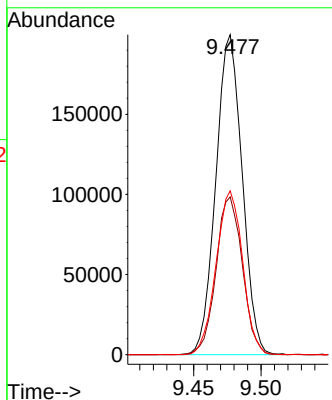
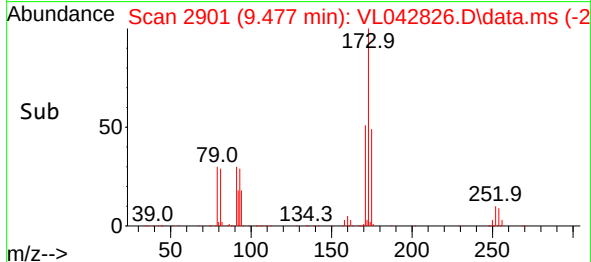
Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01



Tgt Ion:173 Resp: 27201
Ion Ratio Lower Upper
173 100
175 49.3 38.4 57.6
171 51.5 40.9 61.3

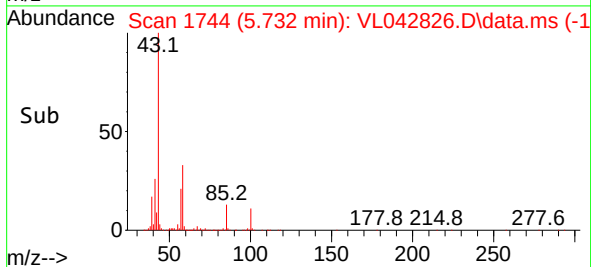
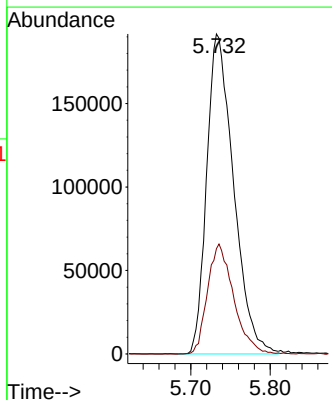
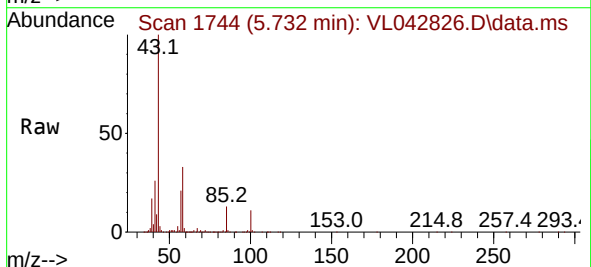
Manual Integrations
APPROVED

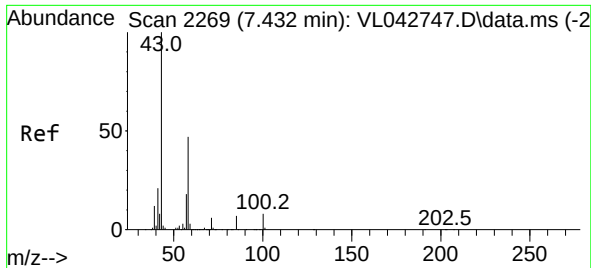
Reviewed By :Semsettin Yesilyurt 08/08/2025
Supervised By :Mahesh Dadoda 08/11/2025



#50
4-Methyl-2-Pentanone
Concen: 11.332 ppbv
RT: 5.732 min Scan# 1744
Delta R.T. -0.013 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28

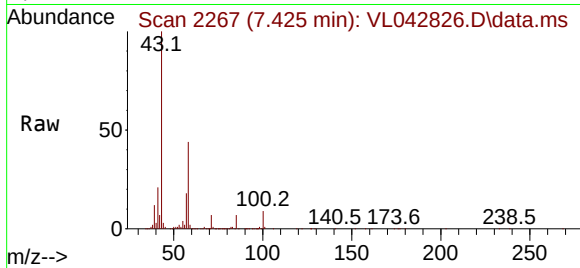
Tgt Ion: 43 Resp: 450417
Ion Ratio Lower Upper
43 100
58 33.5 27.8 41.8





#51
2-Hexanone
Concen: 12.136 ppbv
RT: 7.425 min Scan# 2111
Delta R.T. -0.007 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28

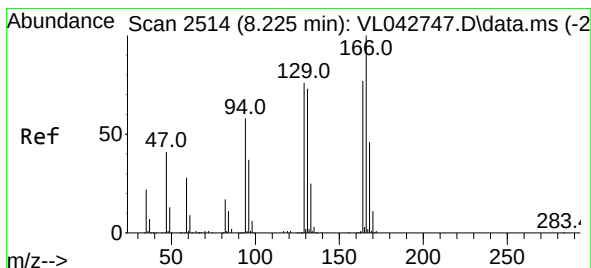
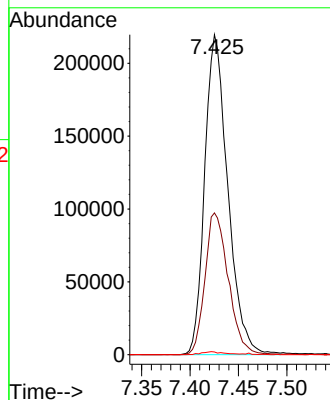
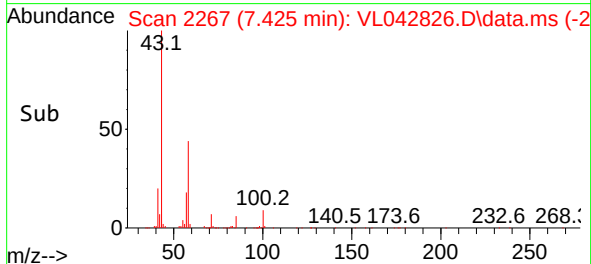
Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01



Tgt Ion: 43 Resp: 364529
Ion Ratio Lower Upper
43 100
58 44.8 38.0 57.0
98 1.1 0.2 0.4

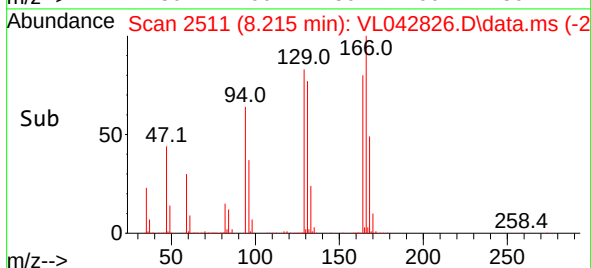
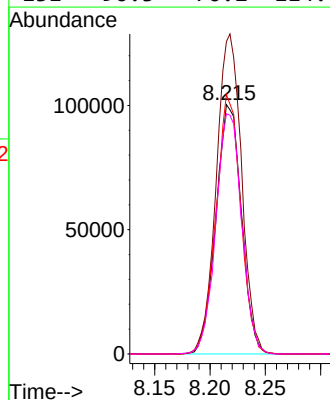
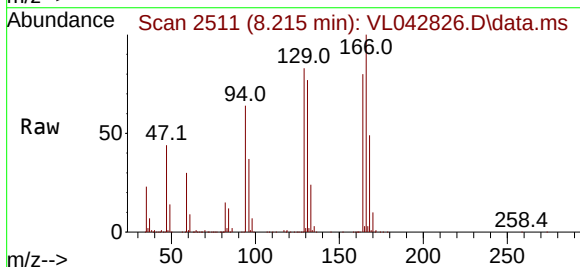
Manual Integrations
APPROVED

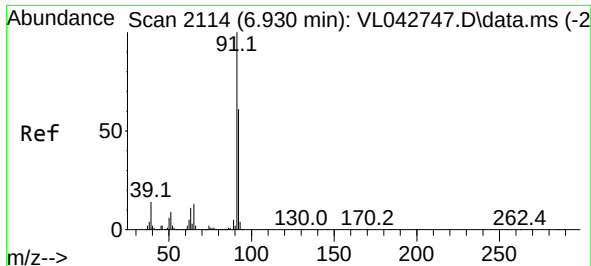
Reviewed By :Semsettin Yesilyurt 08/08/2025
Supervised By :Mahesh Dadoda 08/11/2025



#52
Tetrachloroethene
Concen: 9.424 ppbv
RT: 8.215 min Scan# 2511
Delta R.T. -0.010 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28

Tgt Ion:164 Resp: 161270
Ion Ratio Lower Upper
164 100
166 125.4 104.0 156.0
129 104.0 79.2 118.8
131 96.3 76.2 114.4





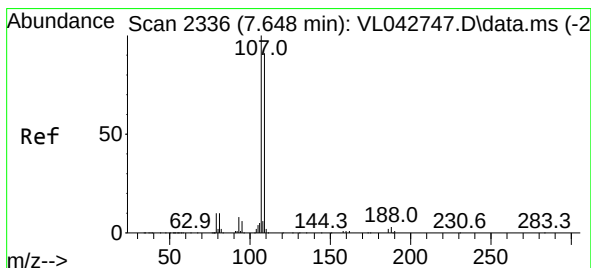
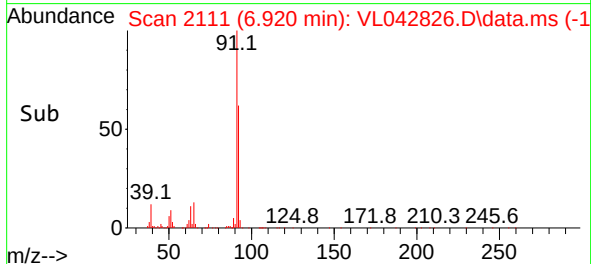
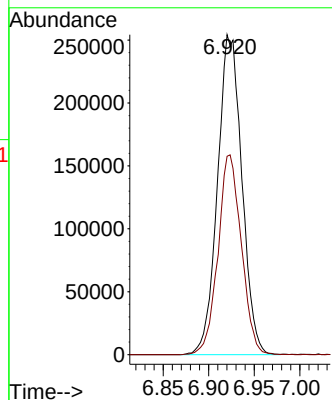
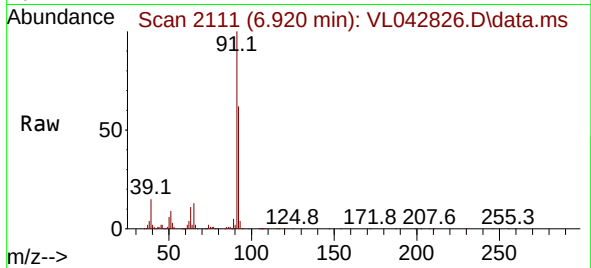
#53
Toluene
Concen: 10.661 ppbv
RT: 6.920 min Scan# 2111
Delta R.T. -0.010 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28

Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01

Tgt Ion: 91 Resp: 472628
Ion Ratio Lower Upper
91 100
92 59.9 48.0 72.0

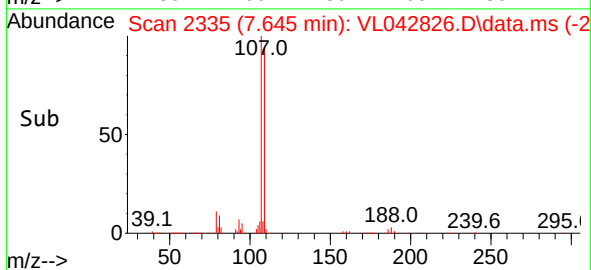
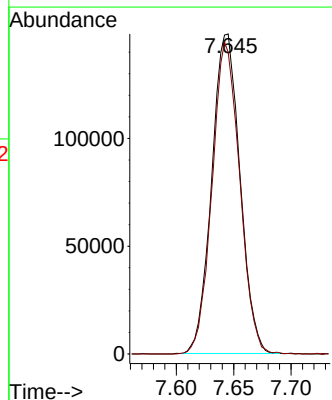
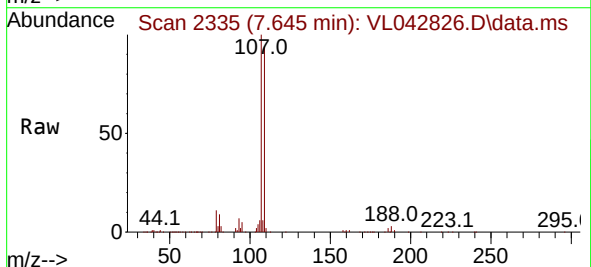
Manual Integrations
APPROVED

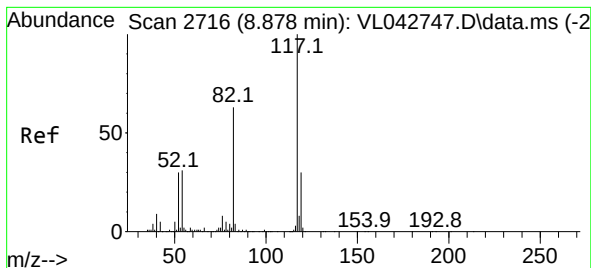
Reviewed By :Semsettin Yesilyurt 08/08/2025
Supervised By :Mahesh Dadoda 08/11/2025



#54
1,2-Dibromoethane
Concen: 11.062 ppbv
RT: 7.645 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28

Tgt Ion:107 Resp: 253899
Ion Ratio Lower Upper
107 100
109 94.3 72.7 109.1





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.875 min Scan# 2715

Delta R.T. -0.003 min

Lab File: VL042826.D

Acq: 07 Aug 2025 10:28

Instrument :

MSVOA_L

ClientSampleId :

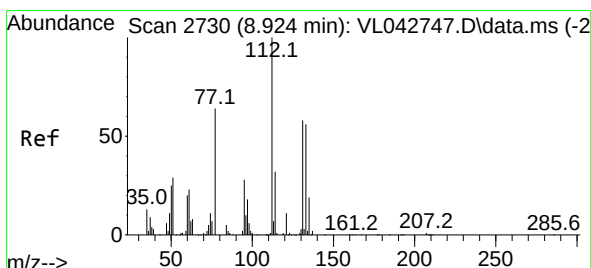
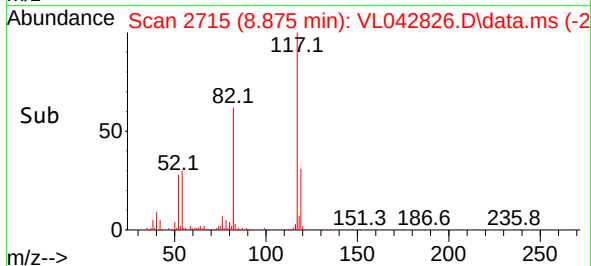
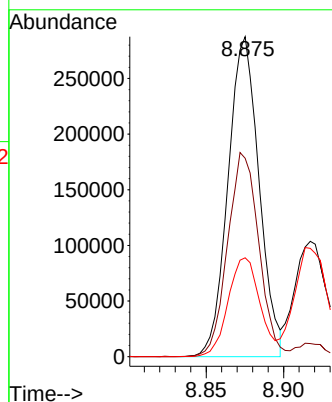
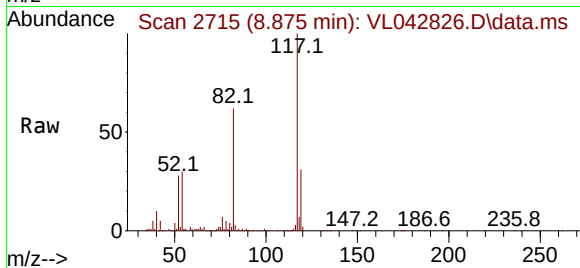
VL0807ABS01

Tgt Ion:	117	Resp:	40112
Ion Ratio	Lower	Upper	
117	100		
82	68.0	53.3	79.9
119	32.3	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/08/2025
Supervised By :Mahesh Dadoda 08/11/2025



#56

1,1,1,2-Tetrachloroethane

Concen: 11.138 ppbv

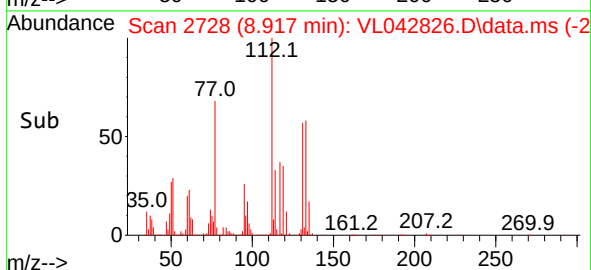
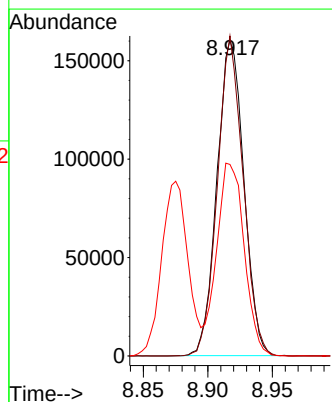
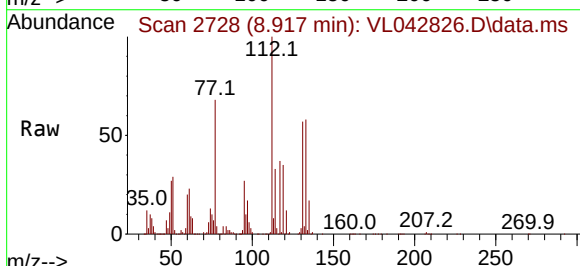
RT: 8.917 min Scan# 2728

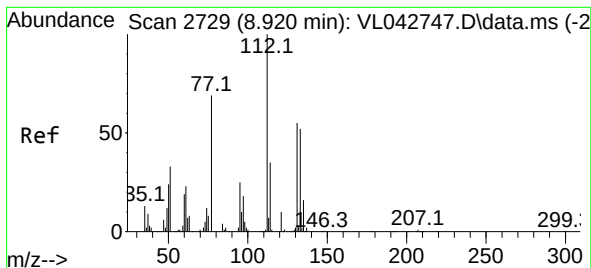
Delta R.T. -0.007 min

Lab File: VL042826.D

Acq: 07 Aug 2025 10:28

Tgt Ion:	131	Resp:	232289
Ion Ratio	Lower	Upper	
131	100		
133	97.1	76.8	115.2
119	61.6	49.7	74.5





#57

Chlorobenzene

Concen: 10.639 ppbv

RT: 8.914 min Scan# 21

Delta R.T. -0.007 min

Lab File: VL042826.D

Acq: 07 Aug 2025 10:28

Instrument :

MSVOA_L

ClientSampleId :

VL0807ABS01

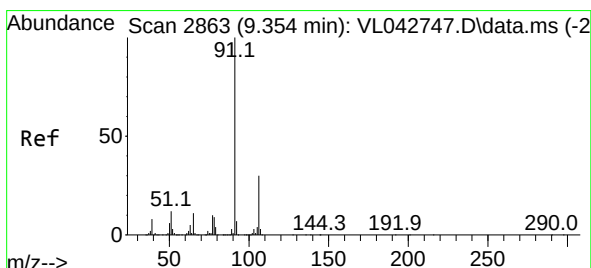
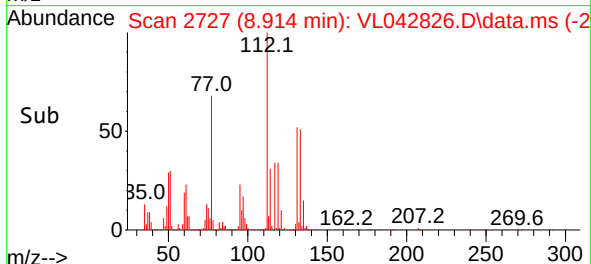
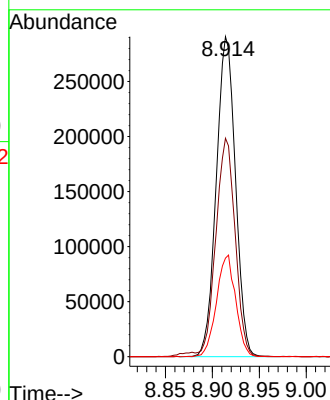
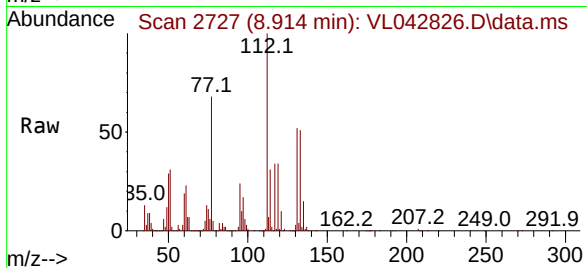
Tgt Ion: 112 Resp: 413000

Ion	Ratio	Lower	Upper
112	100		
77	68.2	56.4	84.6
114	30.8	31.2	38.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/08/2025
Supervised By :Mahesh Dadoda 08/11/2025



#58

Ethyl Benzene

Concen: 10.878 ppbv

RT: 9.348 min Scan# 2861

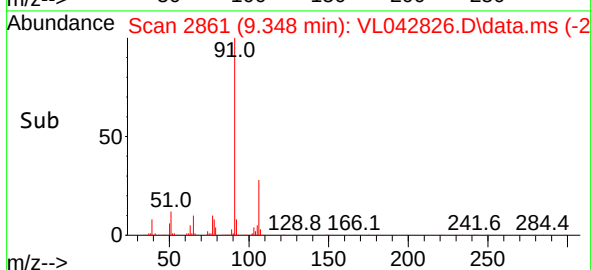
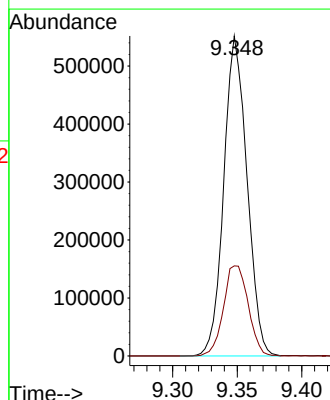
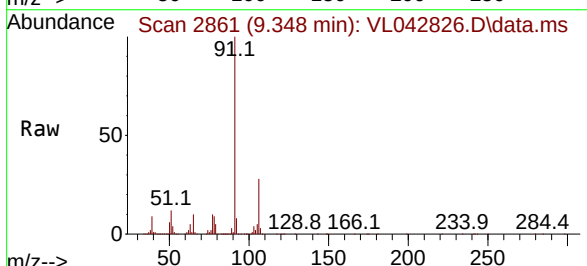
Delta R.T. -0.007 min

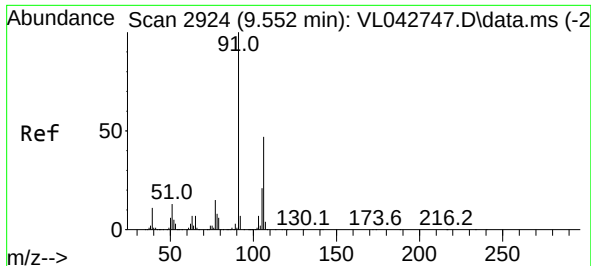
Lab File: VL042826.D

Acq: 07 Aug 2025 10:28

Tgt Ion: 91 Resp: 689053

Ion	Ratio	Lower	Upper
91	100		
106	28.1	23.8	35.6





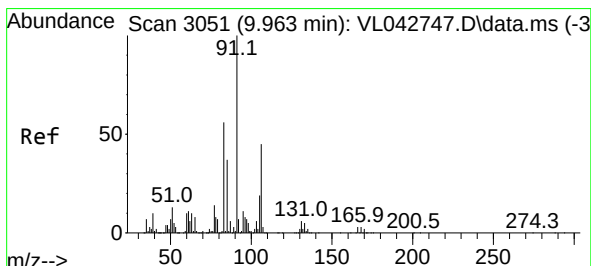
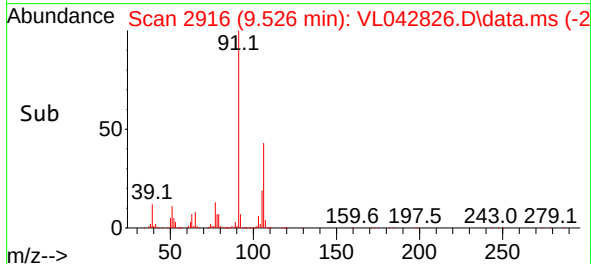
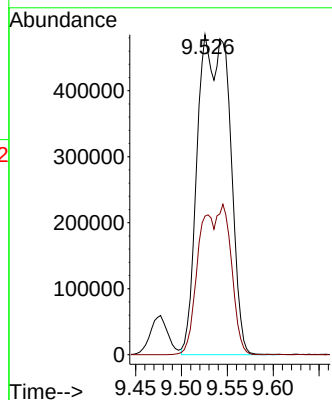
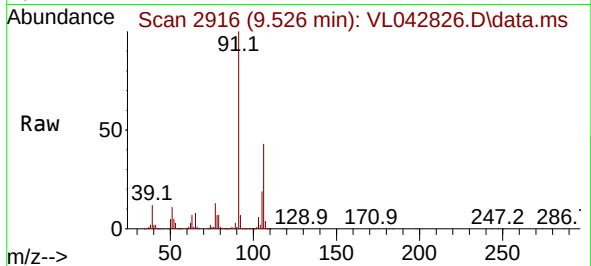
#59
m/p-Xylene
Concen: 23.401 ppbv m
RT: 9.526 min Scan# 2916
Delta R.T. -0.026 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28

Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01

Tgt Ion: 91 Resp: 1184650
Ion Ratio Lower Upper
91 100
106 46.1 37.4 56.2

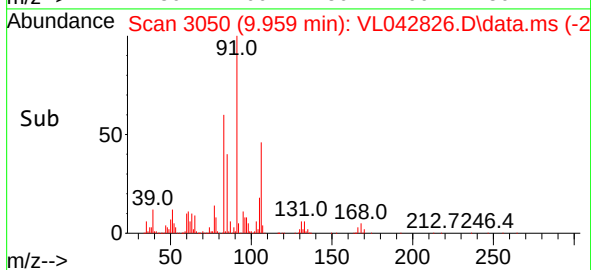
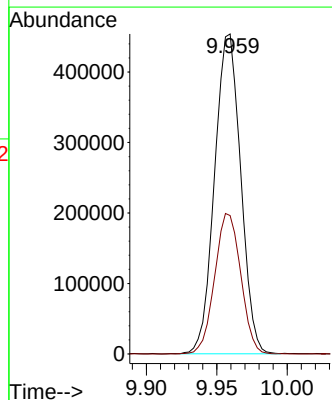
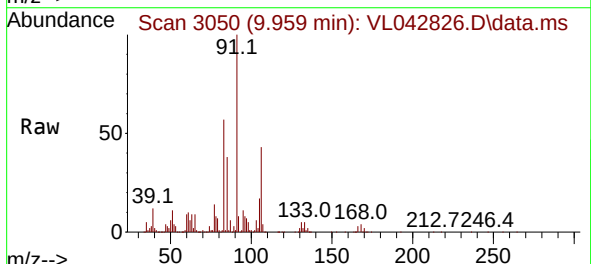
Manual Integrations
APPROVED

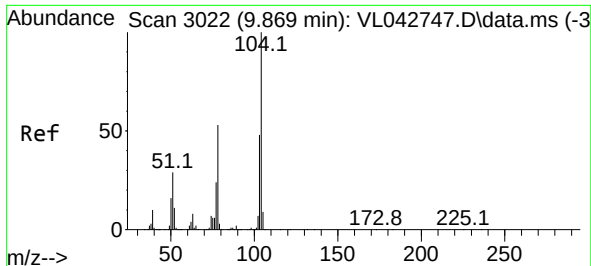
Reviewed By :Semsettin Yesilyurt 08/08/2025
Supervised By :Mahesh Dadoda 08/11/2025



#60
o-Xylene
Concen: 11.581 ppbv
RT: 9.959 min Scan# 3050
Delta R.T. -0.003 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28

Tgt Ion: 91 Resp: 585863
Ion Ratio Lower Upper
91 100
106 43.9 22.0 66.0





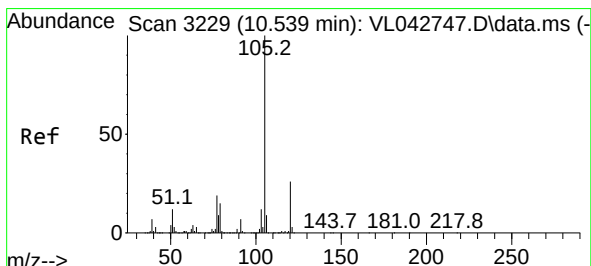
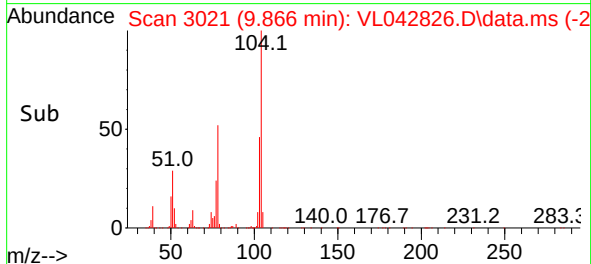
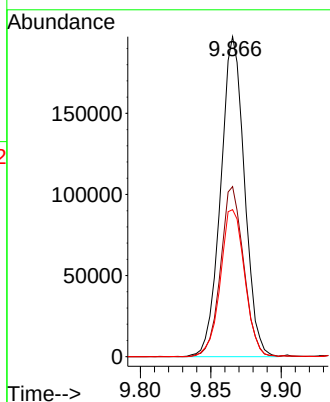
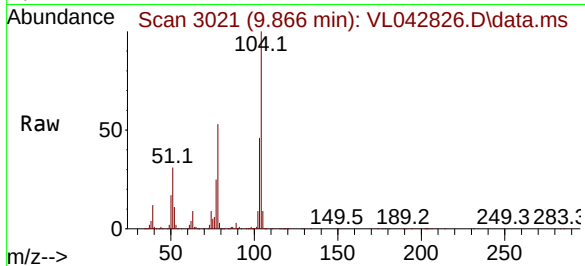
#61
Styrene
Concen: 10.901 ppbv
RT: 9.866 min Scan# 3022
Delta R.T. -0.003 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28

Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01

Tgt Ion:104 Resp: 231979
Ion Ratio Lower Upper
104 100
78 51.9 41.5 62.3
103 47.3 37.5 56.3

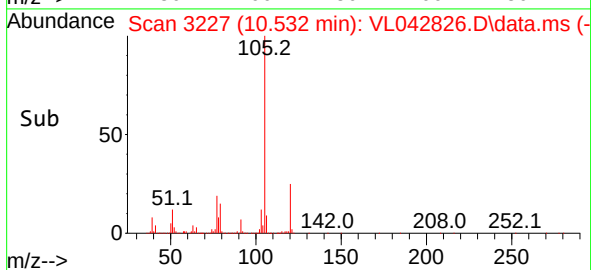
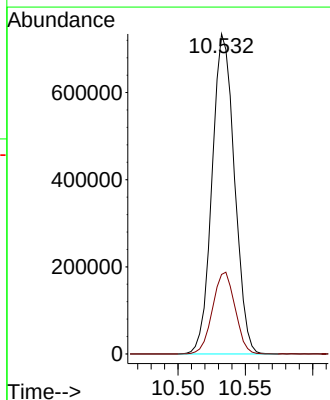
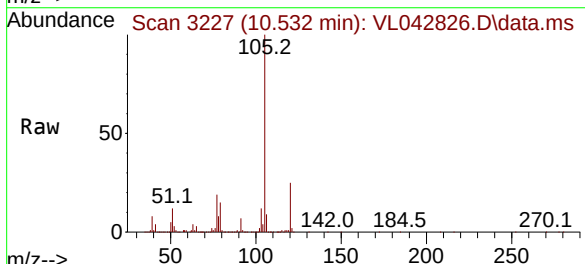
Manual Integrations
APPROVED

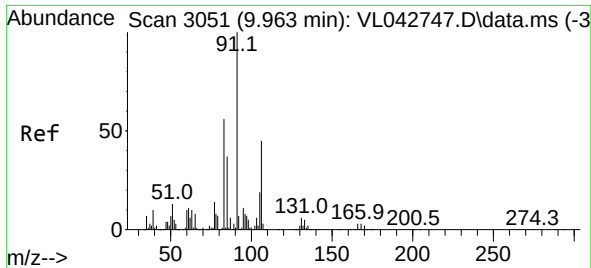
Reviewed By :Semsettin Yesilyurt 08/08/2025
Supervised By :Mahesh Dadoda 08/11/2025



#62
Isopropylbenzene
Concen: 11.379 ppbv
RT: 10.532 min Scan# 3227
Delta R.T. -0.007 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28

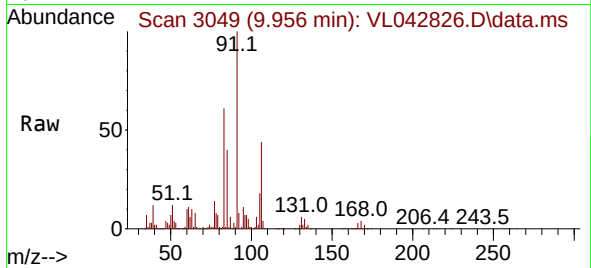
Tgt Ion:105 Resp: 849097
Ion Ratio Lower Upper
105 100
120 25.7 20.5 30.7





#63
1,1,2,2-Tetrachloroethane
Concen: 10.861 ppbv
RT: 9.956 min Scan# 3049
Delta R.T. -0.007 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28

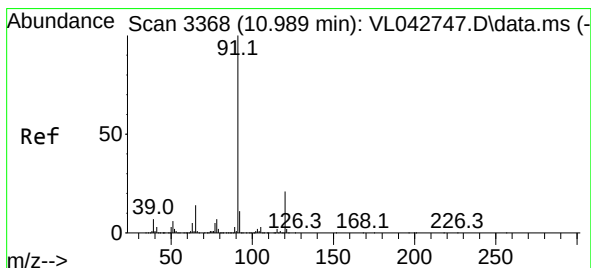
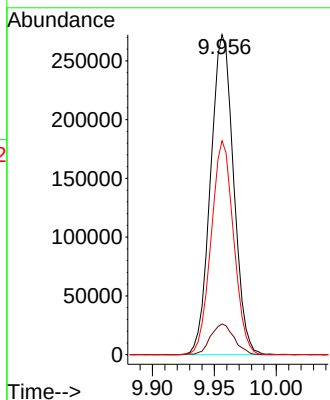
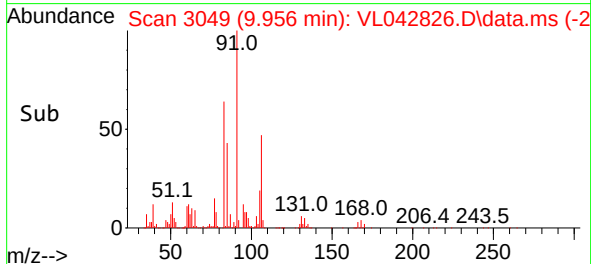
Instrument : MSVOA_L
ClientSampleId : VL0807ABS01



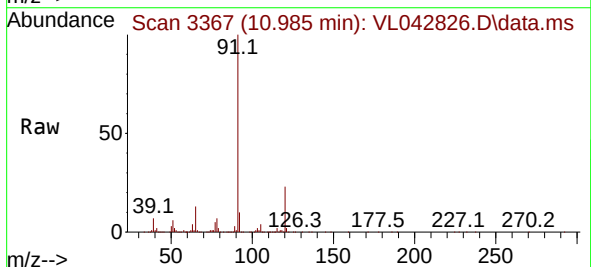
Tgt Ion: 83 Resp: 35272
Ion Ratio Lower Upper
83 100
131 9.8 5.0 15.0
85 65.3 32.6 97.7

Manual Integrations
APPROVED

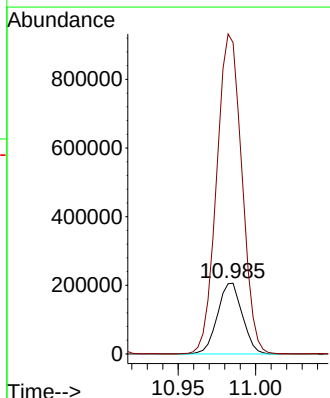
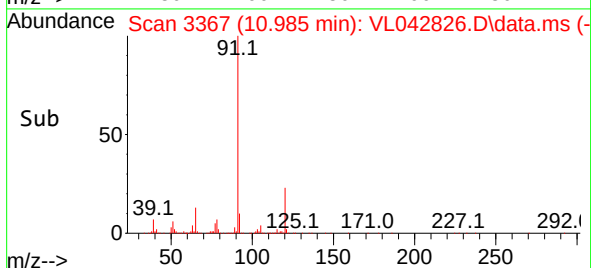
Reviewed By :Semsettin Yesilyurt 08/08/2025
Supervised By :Mahesh Dadoda 08/11/2025

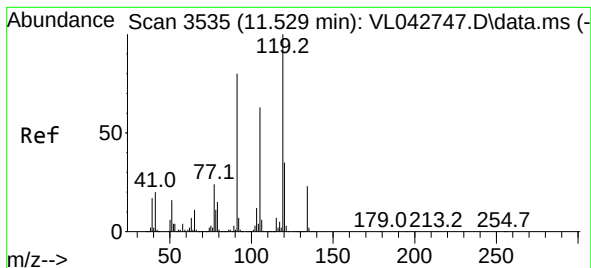


#64
n-propylbenzene
Concen: 11.830 ppbv
RT: 10.985 min Scan# 3367
Delta R.T. -0.003 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28



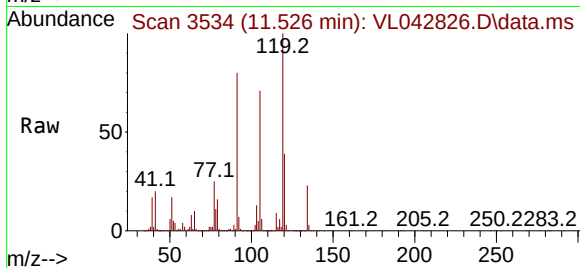
Tgt Ion:120 Resp: 230126
Ion Ratio Lower Upper
120 100
91 460.5 372.7 559.1





#65
tert-Butylbenzene
Concen: 11.669 ppbv
RT: 11.526 min Scan# 3535
Delta R.T. -0.003 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28

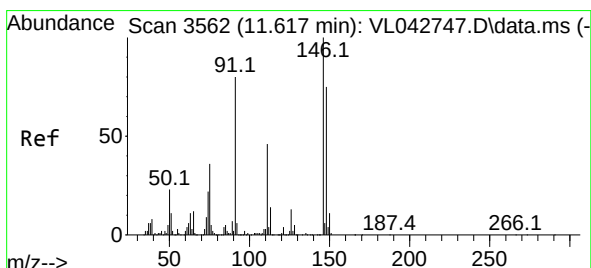
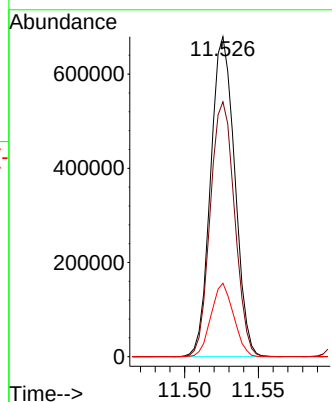
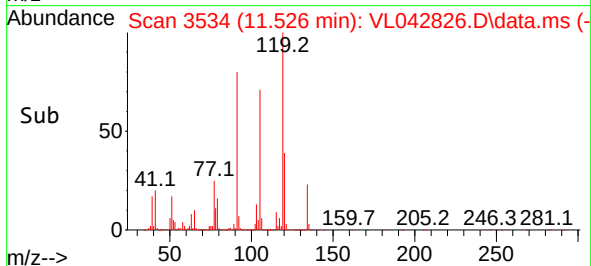
Instrument : MSVOA_L
ClientSampleId : VL0807ABS01



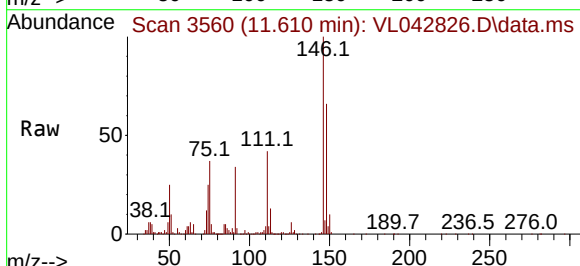
Tgt Ion: 119 Resp: 77341
Ion Ratio Lower Upper
119 100
91 80.4 64.0 96.0
134 21.5 17.3 25.9

Manual Integrations
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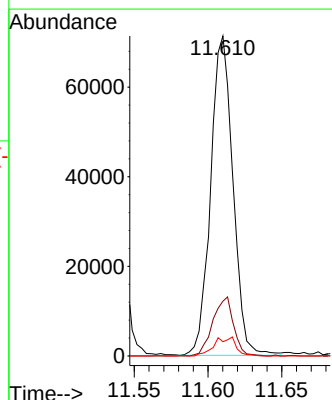
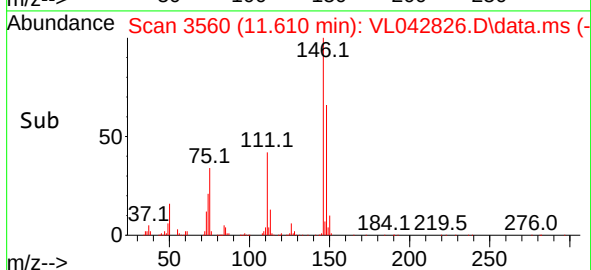
Reviewed By :Semsettin Yesilyurt 08/08/2025
Supervised By :Mahesh Dadoda 08/11/2025

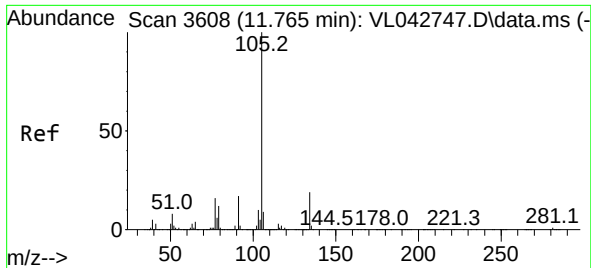


#66
Benzyl Chloride
Concen: 13.800 ppbv
RT: 11.610 min Scan# 3560
Delta R.T. -0.007 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28



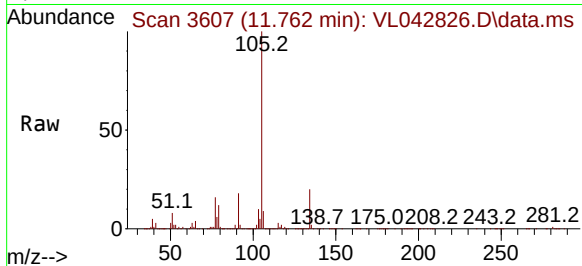
Tgt Ion: 91 Resp: 75088
Ion Ratio Lower Upper
91 100
126 17.3 14.4 21.6
128 5.8 5.2 7.8





#67
 sec-Butylbenzene
 Concen: 11.522 ppbv
 RT: 11.762 min Scan# 3607
 Delta R.T. -0.003 min
 Lab File: VL042826.D
 Acq: 07 Aug 2025 10:28

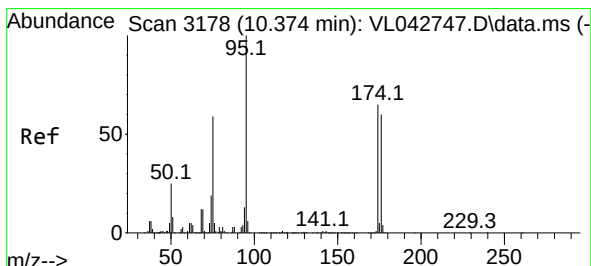
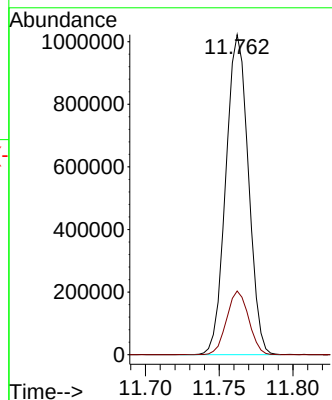
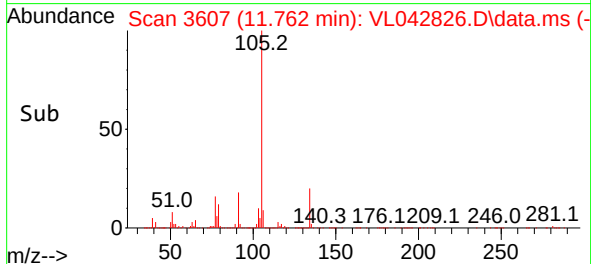
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0807ABS01



Tgt Ion:105 Resp: 108611
 Ion Ratio Lower Upper
 105 100
 134 19.5 15.5 23.3

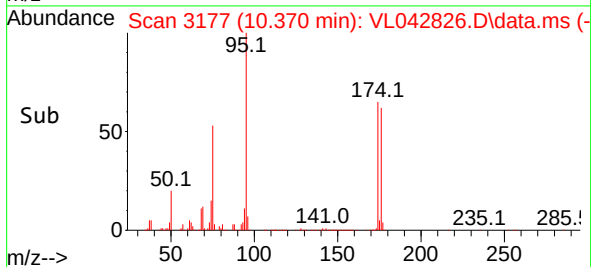
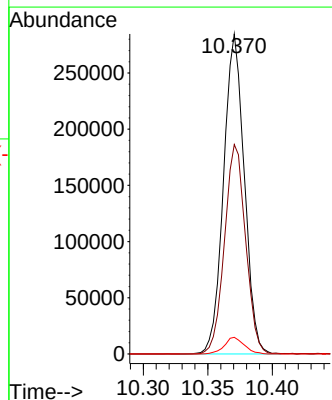
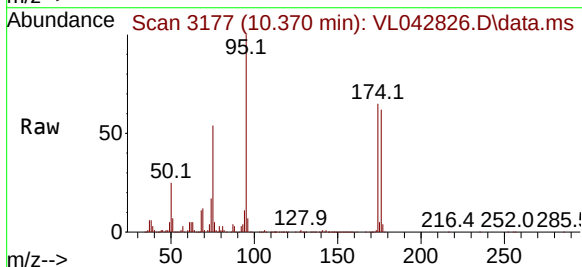
Manual Integrations
 APPROVED

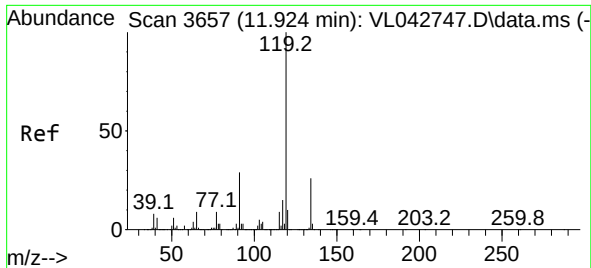
Reviewed By :Semsettin Yesilyurt 08/08/2025
 Supervised By :Mahesh Dadoda 08/11/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.998 ppbv
 RT: 10.370 min Scan# 3177
 Delta R.T. -0.003 min
 Lab File: VL042826.D
 Acq: 07 Aug 2025 10:28

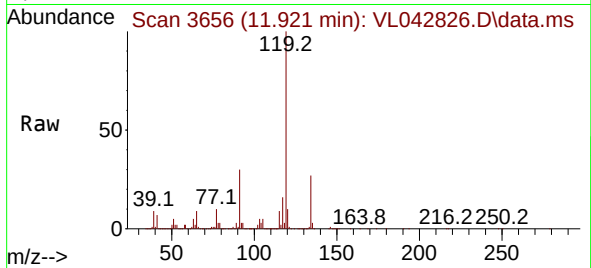
Tgt Ion: 95 Resp: 317585
 Ion Ratio Lower Upper
 95 100
 174 66.8 53.8 80.6
 175 5.0 4.0 6.0





#69
 p-Isopropyltoluene
 Concen: 11.891 ppbv
 RT: 11.921 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: VL042826.D
 Acq: 07 Aug 2025 10:28

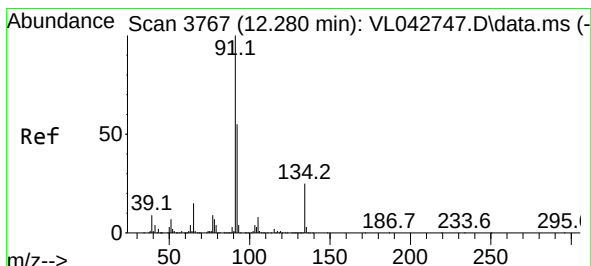
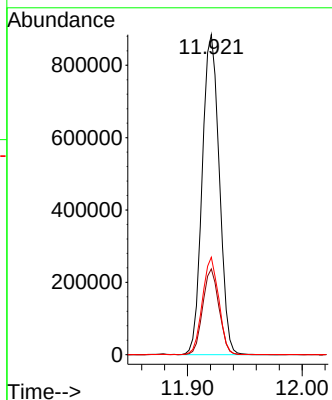
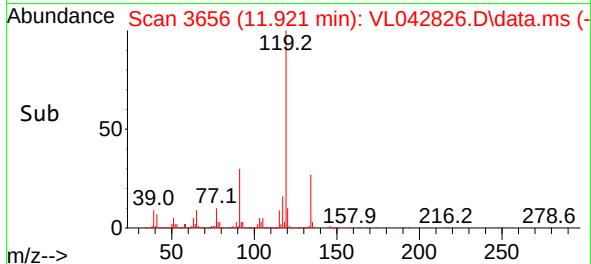
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0807ABS01



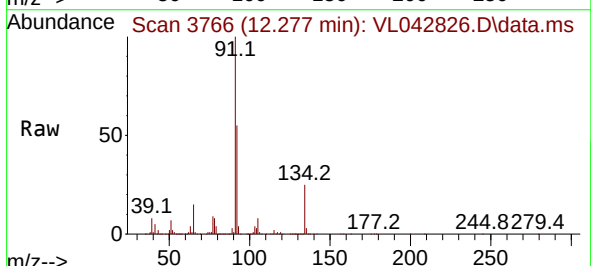
Tgt Ion: 119 Resp: 913994
 Ion Ratio Lower Upper
 119 100
 134 25.6 20.6 31.0
 91 29.1 23.2 34.8

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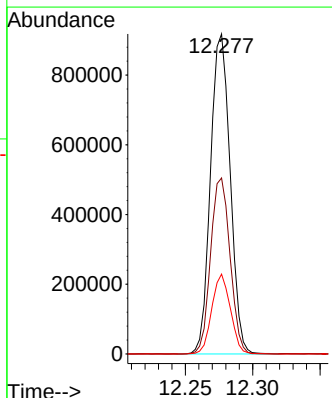
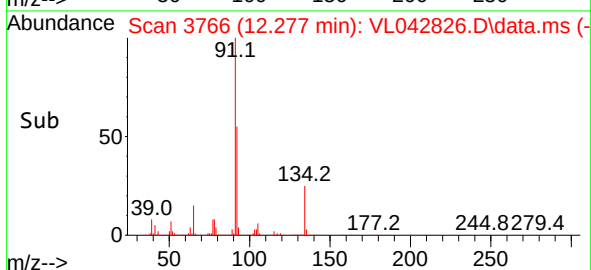
Reviewed By :Semsettin Yesilyurt 08/08/2025
 Supervised By :Mahesh Dadoda 08/11/2025

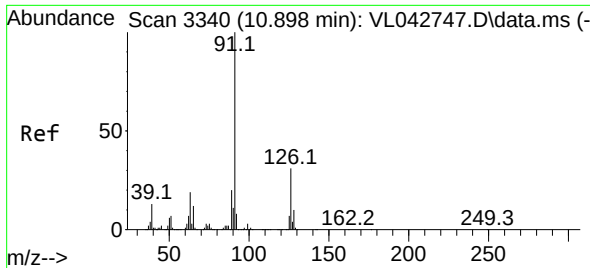


#70
 n-Butylbenzene
 Concen: 12.537 ppbv
 RT: 12.277 min Scan# 3766
 Delta R.T. -0.003 min
 Lab File: VL042826.D
 Acq: 07 Aug 2025 10:28



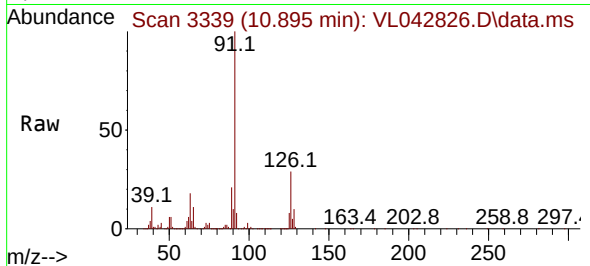
Tgt Ion: 91 Resp: 930859
 Ion Ratio Lower Upper
 91 100
 92 54.6 43.4 65.2
 134 23.6 19.6 29.4





#71
2-Chlorotoluene
Concen: 11.270 ppbv
RT: 10.895 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28

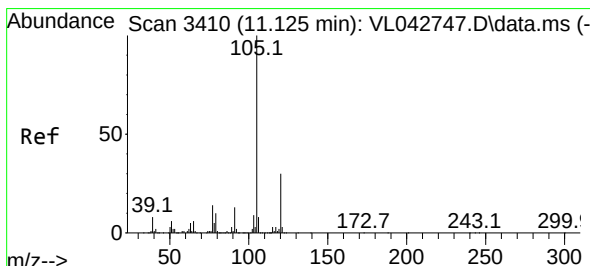
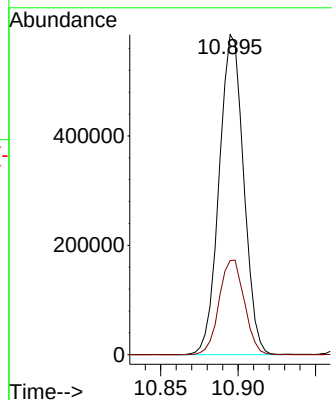
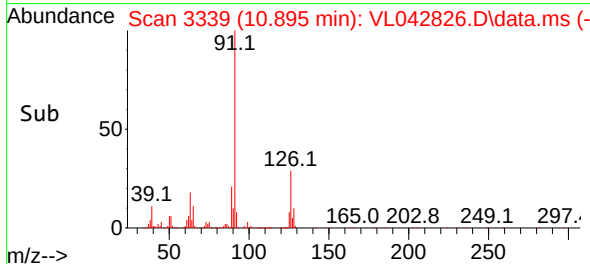
Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01



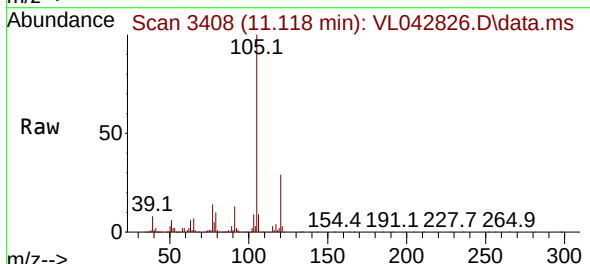
Tgt Ion: 91 Resp: 644792
Ion Ratio Lower Upper
91 100
126 30.4 12.0 48.2

Manual Integrations
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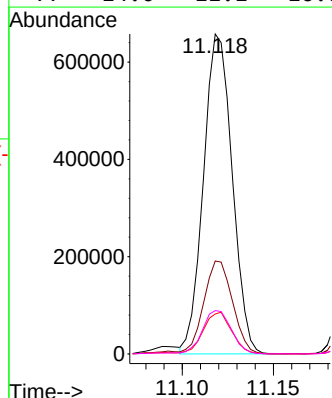
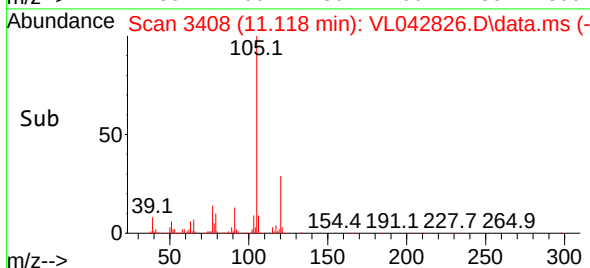
Reviewed By :Semsettin Yesilyurt 08/08/2025
Supervised By :Mahesh Dadoda 08/11/2025

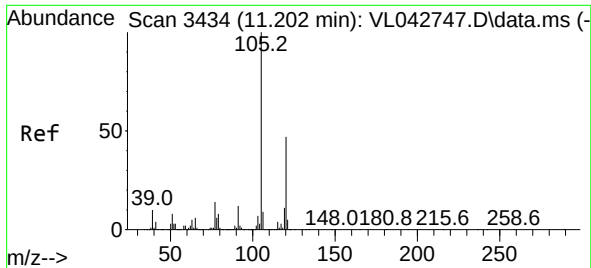


#72
4-Ethyltoluene
Concen: 11.935 ppbv
RT: 11.118 min Scan# 3408
Delta R.T. -0.007 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28



Tgt Ion:105 Resp: 721006
Ion Ratio Lower Upper
105 100
120 29.9 24.4 36.6
91 13.4 10.6 15.8
77 14.0 11.1 16.7





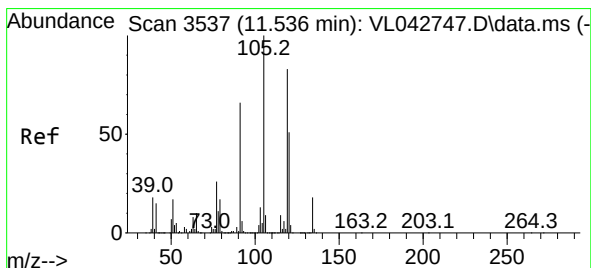
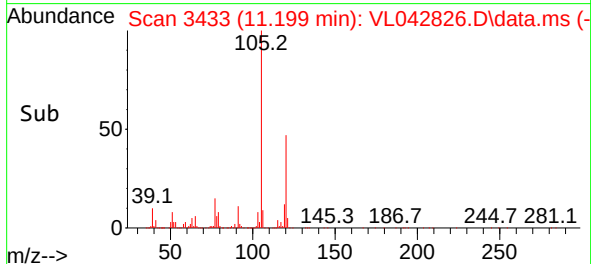
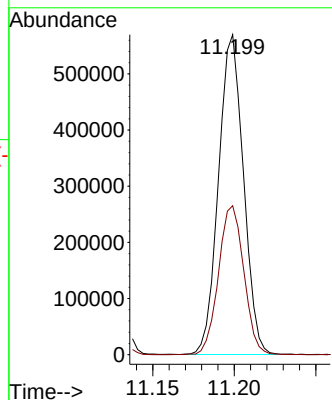
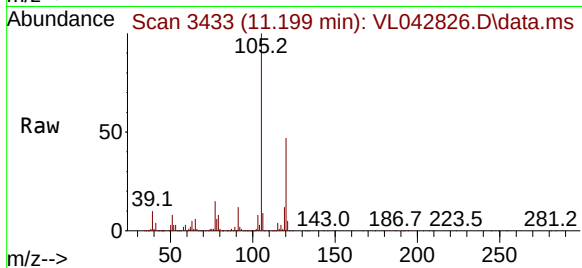
#73
1,3,5-Trimethylbenzene
Concen: 12.160 ppbv
RT: 11.199 min Scan# 3433
Delta R.T. -0.003 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28

Instrument : MSVOA_L
ClientSampleId : VL0807ABS01

Tgt Ion:105 Resp: 604864
Ion Ratio Lower Upper
105 100
120 46.6 37.8 56.8

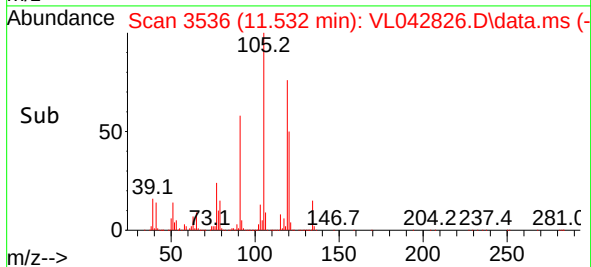
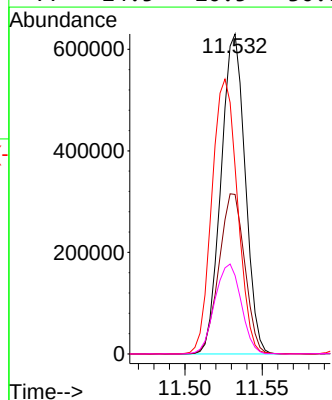
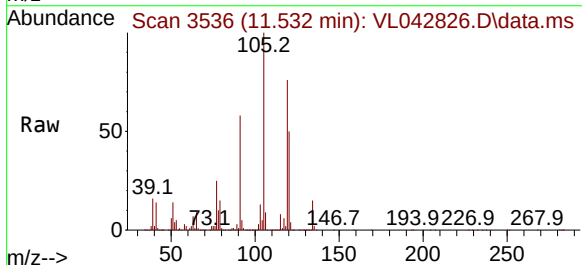
Manual Integrations
APPROVED

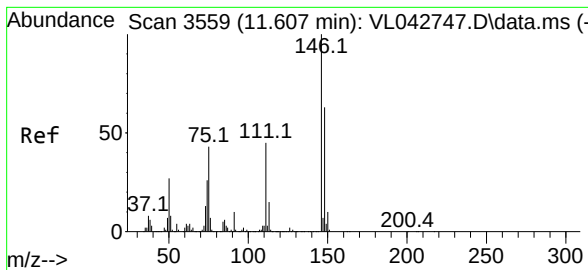
Reviewed By :Semsettin Yesilyurt 08/08/2025
Supervised By :Mahesh Dadoda 08/11/2025



#74
1,2,4-Trimethylbenzene
Concen: 12.559 ppbv
RT: 11.532 min Scan# 3536
Delta R.T. -0.003 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28

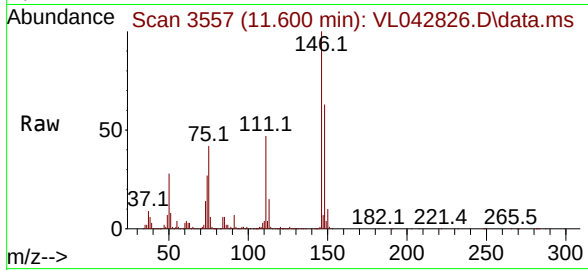
Tgt Ion:105 Resp: 681545
Ion Ratio Lower Upper
105 100
120 49.9 40.8 61.2
91 58.4 53.0 79.4
77 24.5 20.5 30.7





#75
1,3-Dichlorobenzene
Concen: 11.346 ppbv
RT: 11.600 min Scan# 3559
Delta R.T. -0.007 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28

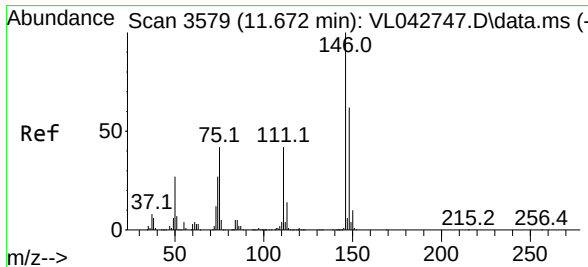
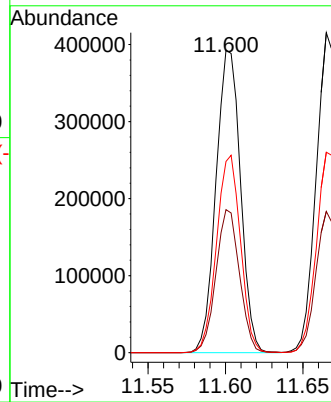
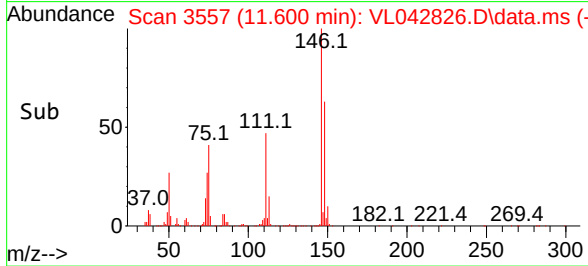
Instrument :
MSVOA_L
ClientSampleId :
VL0807ABS01



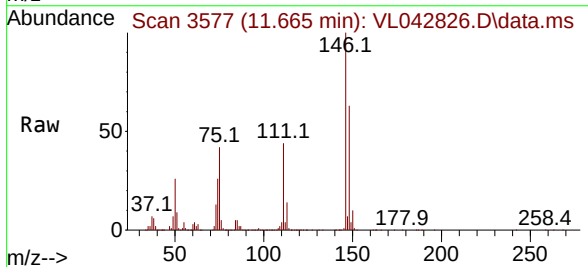
Tgt Ion:146 Resp: 431639
Ion Ratio Lower Upper
146 100
111 45.6 22.7 68.0
148 63.9 31.9 95.5

Manual Integrations
APPROVED

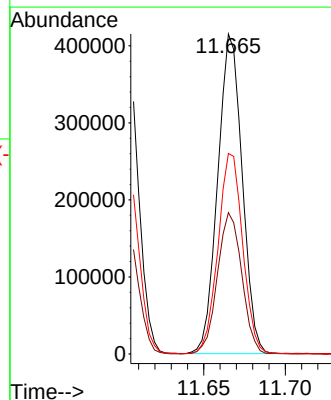
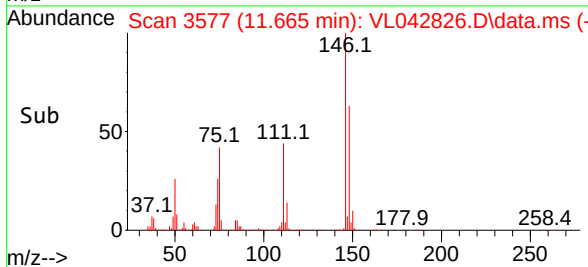
Reviewed By :Semsettin Yesilyurt 08/08/2025
Supervised By :Mahesh Dadoda 08/11/2025

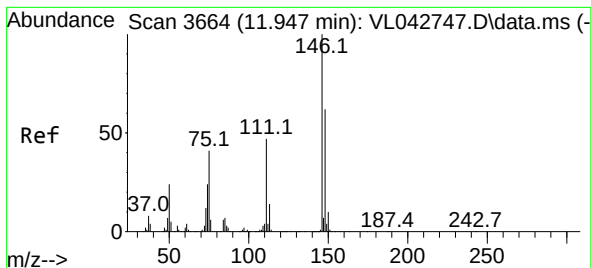


#76
1,4-Dichlorobenzene
Concen: 11.605 ppbv
RT: 11.665 min Scan# 3577
Delta R.T. -0.007 min
Lab File: VL042826.D
Acq: 07 Aug 2025 10:28



Tgt Ion:146 Resp: 432007
Ion Ratio Lower Upper
146 100
111 44.3 21.4 64.2
148 63.6 32.1 96.3





#77

1,2-Dichlorobenzene

Concen: 11.379 ppbv

RT: 11.940 min Scan# 30

Delta R.T. -0.007 min

Lab File: VL042826.D

Acq: 07 Aug 2025 10:28

Instrument :

MSVOA_L

ClientSampleId :

VL0807ABS01

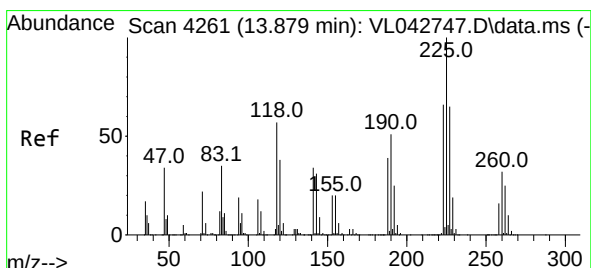
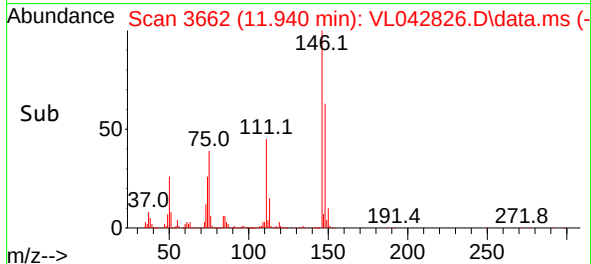
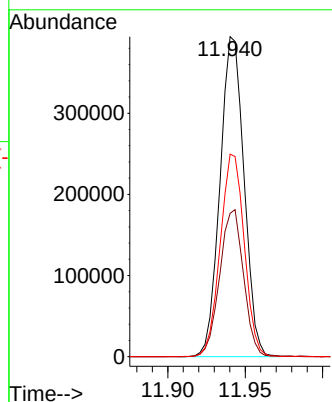
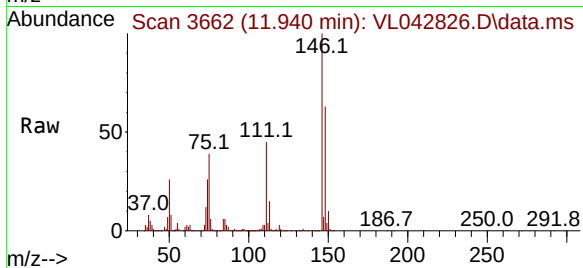
Tgt Ion:146 Resp: 42547

Ion	Ratio	Lower	Upper
146	100		
111	45.8	23.7	71.1
148	63.5	32.6	97.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/08/2025
Supervised By :Mahesh Dadoda 08/11/2025



#78

Hexachloro-1,3-Butadiene

Concen: 10.083 ppbv

RT: 13.876 min Scan# 4260

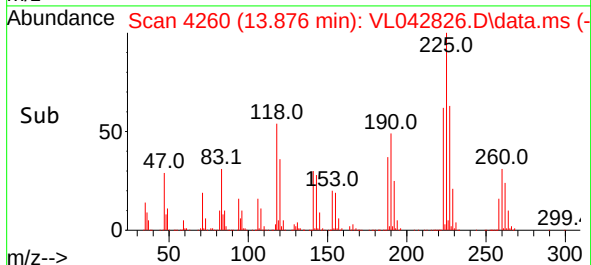
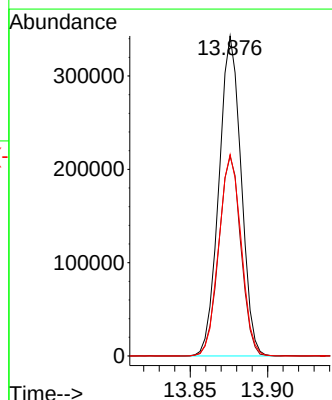
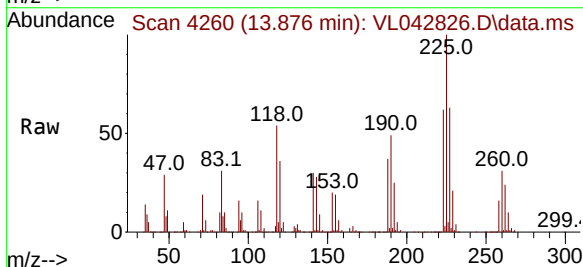
Delta R.T. -0.003 min

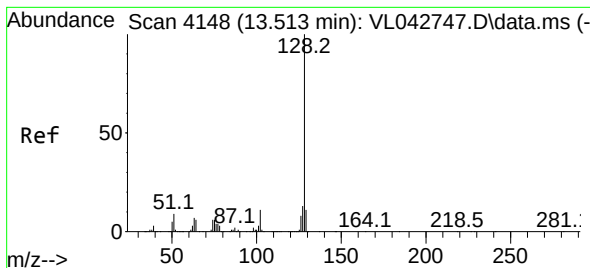
Lab File: VL042826.D

Acq: 07 Aug 2025 10:28

Tgt Ion:225 Resp: 341222

Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.7	76.1
227	63.3	50.5	75.7





#79

Naphthalene

Concen: 10.677 ppbv

RT: 13.507 min Scan# 4146

Delta R.T. -0.007 min

Lab File: VL042826.D

Acq: 07 Aug 2025 10:28

Instrument :

MSVOA_L

ClientSampleId :

VL0807ABS01

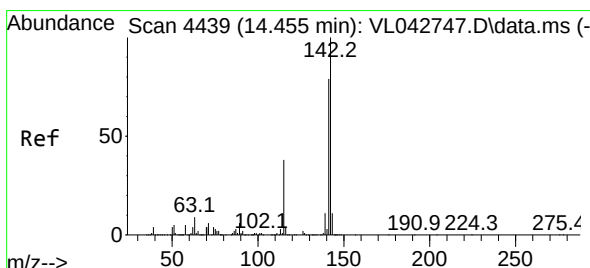
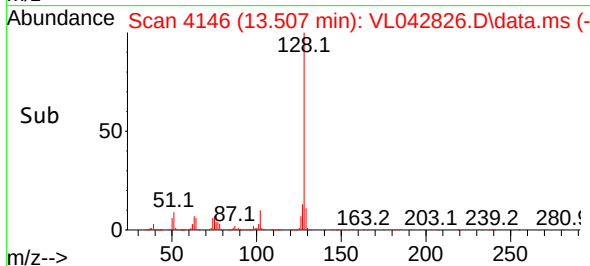
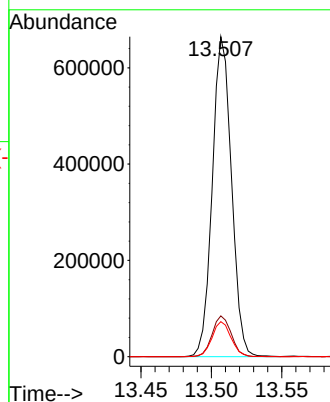
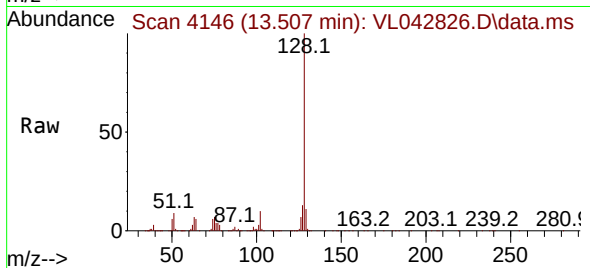
Tgt Ion:128 Resp: 630510

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.5	15.7
129	11.0	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/08/2025
Supervised By :Mahesh Dadoda 08/11/2025



#80

Naphthalene,2-methyl-

Concen: 7.704 ppbv

RT: 14.452 min Scan# 4438

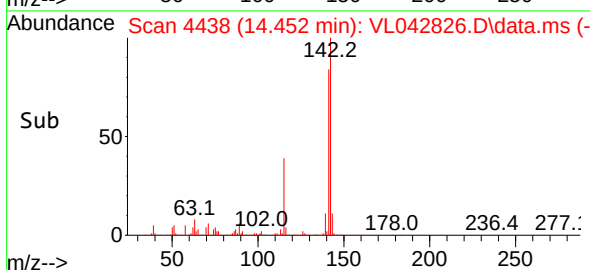
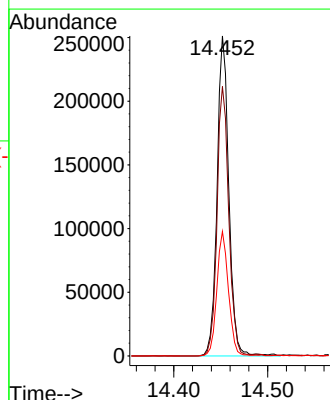
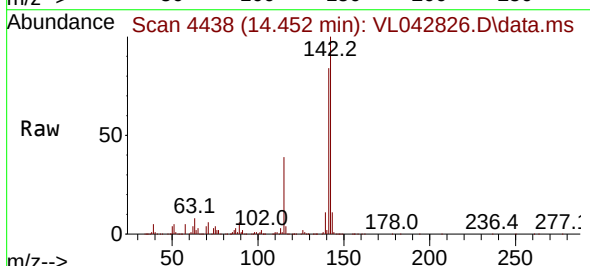
Delta R.T. -0.003 min

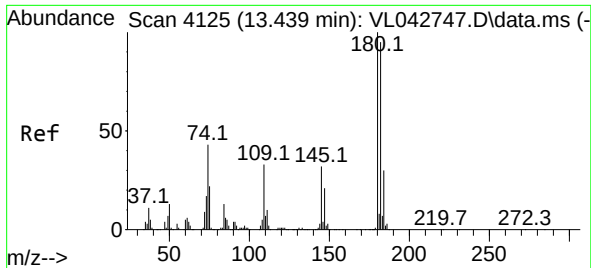
Lab File: VL042826.D

Acq: 07 Aug 2025 10:28

Tgt Ion:142 Resp: 218244

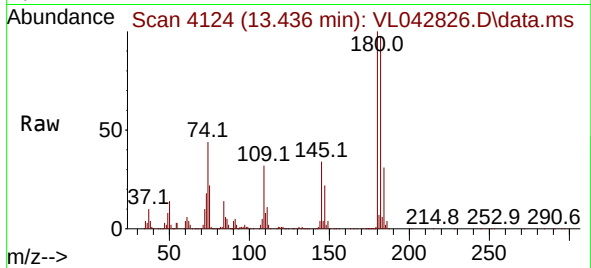
Ion	Ratio	Lower	Upper
142	100		
141	84.9	65.8	98.8
115	39.0	31.2	46.8





#81
 1,2,4-Trichlorobenzene
 Concen: 10.453 ppbv
 RT: 13.436 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL042826.D
 Acq: 07 Aug 2025 10:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0807ABS01



Tgt Ion:180 Resp: 346617
 Ion Ratio Lower Upper
 180 100
 182 96.3 76.2 114.2
 184 30.1 24.8 37.2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/08/2025
 Supervised By :Mahesh Dadoda 08/11/2025

