

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040925\
 Data File : VL042286.D
 Acq On : 09 Apr 2025 10:20
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/10/2025
 Supervised By :Mahesh Dadoda 04/10/2025

Quant Time: Apr 10 01:39:52 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M

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

QLast Update : Fri Mar 28 02:00:52 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	155631	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.956	114	397176	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.879	117	350140	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.374 95 285515 9.930 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.496	85	224739	9.780	ppbv	99
3) Chlorodifluoromethane	1.473	51	242368	10.325	ppbv	99
4) Chloromethane	1.531	50	94421	10.054	ppbv	99
5) Vinyl Chloride	1.580	62	87077	8.750	ppbv	96
6) Bromomethane	1.667	94	38883	9.136	ppbv	95
7) Chloroethane	1.703	64	35019	9.290	ppbv	100
8) Dichlorotetrafluoroethane	1.554	85	193376	9.882	ppbv	92
9) Propene	1.483	41	92247	8.573	ppbv	98
10) Heptane	4.972	43	280156	9.789	ppbv	99
11) Trichlorofluoromethane	1.874	101	218729	9.783	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.137	101	178752	9.726	ppbv	98
13) Ethanol	1.719	45	4608	4.530	ppbv	92
14) Bromoethene	1.781	108	61204	8.693	ppbv	97
15) Acetone	1.832	43	196063	9.008	ppbv	96
16) 1,3-Butadiene	1.606	39	94932	8.931	ppbv	98
17) tert-Butyl alcohol	2.040	59	220187	8.122	ppbv	98
18) 1,1-Dichloroethene	2.033	96	77686	9.042	ppbv	98
19) Isopropyl Alcohol	1.884	45	103348	8.415	ppbv	93
20) Methylene Chloride	2.059	84	68588	8.461	ppbv	95
21) Allyl Chloride	2.095	41	139965	9.118	ppbv	96
22) trans-1,2-Dichloroethene	2.337	96	88334	8.896	ppbv	94
23) Vinyl Acetate	2.460	43	73162	7.766	ppbv #	96
24) 1,1-Dichloroethane	2.405	63	180404	9.801	ppbv	99
25) Ethyl Acetate	2.833	43	567125	10.039	ppbv	98
26) Hexane	2.823	57	214891	9.848	ppbv	97
27) Carbon Disulfide	2.146	76	216499	9.253	ppbv	97
28) Methyl tert-Butyl Ether	2.438	73	109726	8.077	ppbv	94
29) Chloroform	2.845	83	340889	10.675	ppbv	99
30) Cyclohexane	3.852	84	170359	8.991	ppbv	97
31) cis-1,2-Dichloroethene	2.719	61	201796	9.110	ppbv	97
32) 1,1,1-Trichloroethane	3.363	97	332252	9.088	ppbv	98
34) 2-Butanone	2.554	43	313515	10.886	ppbv	98
35) Carbon Tetrachloride	3.758	117	349240	11.256	ppbv	100
36) Benzene	3.651	78	425324	10.802	ppbv	97
37) 1,2-Dichloroethane	3.214	62	256791	11.391	ppbv	99
38) Trichloroethene	4.541	130	170362	10.370	ppbv	97
39) 1,2-Dichloropropane	4.312	63	153583	10.710	ppbv	95
40) 1,4-Dioxane	4.577	88	72604	9.539	ppbv #	95
41) Tetrahydrofuran	3.053	42	175060	10.556	ppbv	95
42) Bromodichloromethane	4.483	83	358962	11.551	ppbv	100
43) Methyl Methacrylate	4.875	69	154975	9.297	ppbv	97
44) 2,2,4-Trimethylpentane	4.635	57	742388	11.157	ppbv	96
45) t-1,3-Dichloropropene	6.412	75	147204	8.231	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040925\
 Data File : VL042286.D
 Acq On : 09 Apr 2025 10:20
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/10/2025
 Supervised By :Mahesh Dadoda 04/10/2025

Quant Time: Apr 10 01:39:52 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M

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

QLast Update : Fri Mar 28 02:00:52 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.593	75	195802	8.932	ppbv	98
47) 1,1,2-Trichloroethane	6.574	97	172343	11.369	ppbv	97
48) Dibromochloromethane	7.380	129	280199	10.907	ppbv	100
49) Bromoform	9.481	173	250227	10.849	ppbv	99
50) 4-Methyl-2-Pentanone	5.745	43	445454	9.760	ppbv	95
51) 2-Hexanone	7.432	43	353706	9.437	ppbv #	94
52) Tetrachloroethene	8.222	164	141976	9.092	ppbv	95
53) Toluene	6.927	91	464948	9.961	ppbv	99
54) 1,2-Dibromoethane	7.649	107	229720	10.871	ppbv	96
56) 1,1,1,2-Tetrachloroethane	8.921	131	231041	11.987	ppbv	98
57) Chlorobenzene	8.917	112	399227	12.021	ppbv	93
58) Ethyl Benzene	9.351	91	673801	10.834	ppbv	98
59) m/p-Xylene	9.549	91	1161067m	23.379	ppbv	
60) o-Xylene	9.960	91	581045	11.671	ppbv	97
61) Styrene	9.869	104	251525	10.212	ppbv	98
62) Isopropylbenzene	10.536	105	859013	11.538	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.960	83	381841	12.623	ppbv	99
64) n-propylbenzene	10.986	120	228532	11.925	ppbv	100
65) tert-Butylbenzene	11.529	119	784483	11.393	ppbv	100
66) Benzyl Chloride	11.614	91	57966	7.934	ppbv	100
67) sec-Butylbenzene	11.766	105	1128106	11.787	ppbv	100
69) p-Isopropyltoluene	11.924	119	961623	11.669	ppbv	99
70) n-Butylbenzene	12.280	91	998455	11.847	ppbv	99
71) 2-Chlorotoluene	10.898	91	654276	11.323	ppbv	98
72) 4-Ethyltoluene	11.122	105	728517	11.753	ppbv	99
73) 1,3,5-Trimethylbenzene	11.202	105	620415	11.460	ppbv	100
74) 1,2,4-Trimethylbenzene	11.536	105	709204	11.371	ppbv	97
75) 1,3-Dichlorobenzene	11.607	146	426300	12.462	ppbv	98
76) 1,4-Dichlorobenzene	11.669	146	423561	12.442	ppbv	99
77) 1,2-Dichlorobenzene	11.947	146	419286	12.589	ppbv	99
78) Hexachloro-1,3-Butadiene	13.879	225	334414	9.864	ppbv	99
79) Naphthalene	13.513	128	808459	11.851	ppbv	99
80) Naphthalene,2-methyl-	14.459	142	373298	11.158	ppbv	100
81) 1,2,4-Trichlorobenzene	13.439	180	355741	11.305	ppbv	100

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

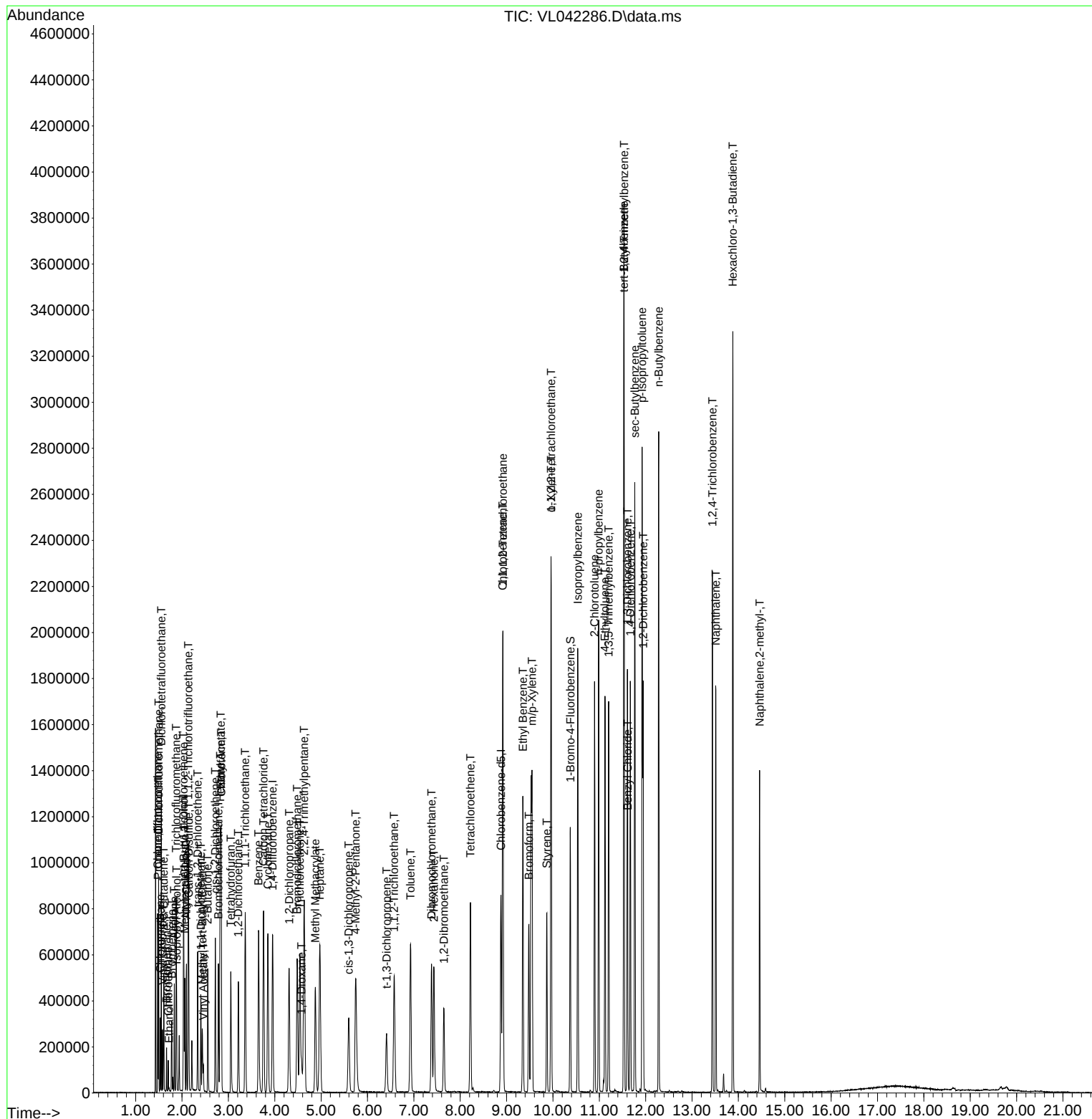
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040925\
 Data File : VL042286.D
 Acq On : 09 Apr 2025 10:20
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

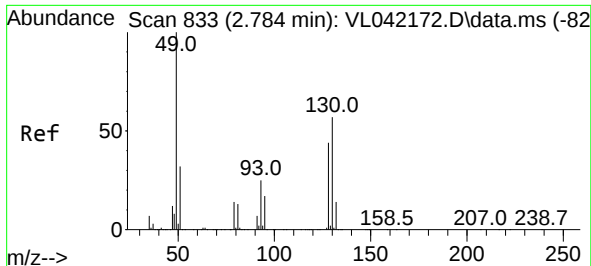
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 04/10/2025
 Supervised By : Mahesh Dadoda 04/10/2025

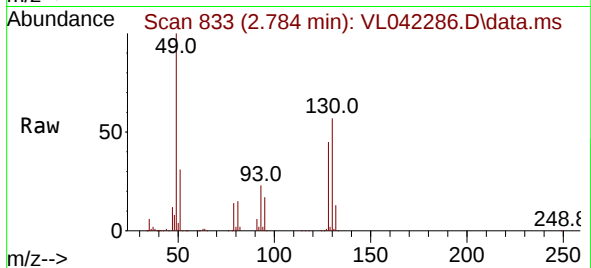
Quant Time: Apr 10 01:39:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 833
Delta R.T. -0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

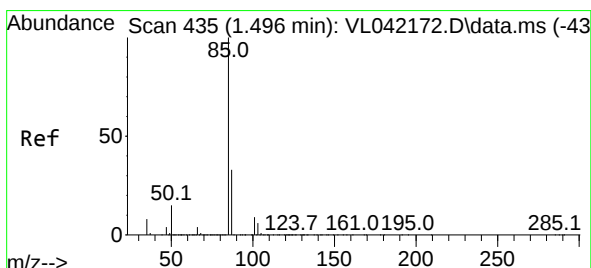
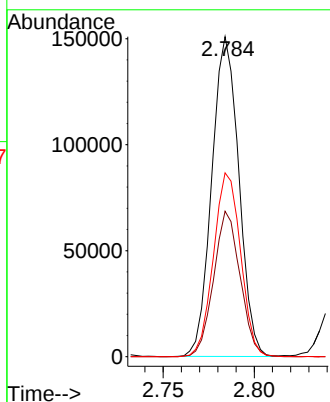
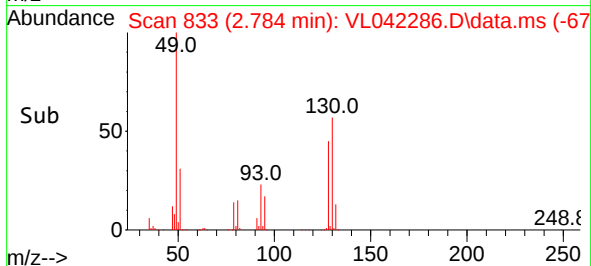
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



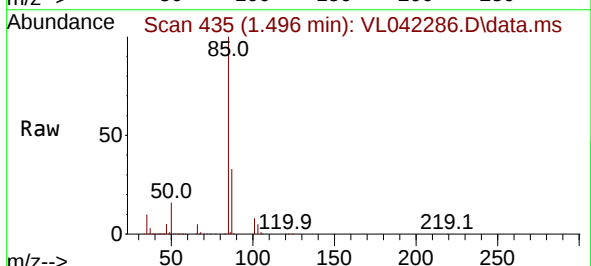
Tgt Ion: 49 Resp: 15563
Ion Ratio Lower Upper
49 100
128 44.6 22.9 68.5
130 57.7 28.8 86.4

Manual Integrations
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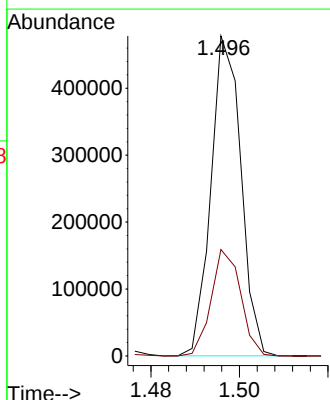
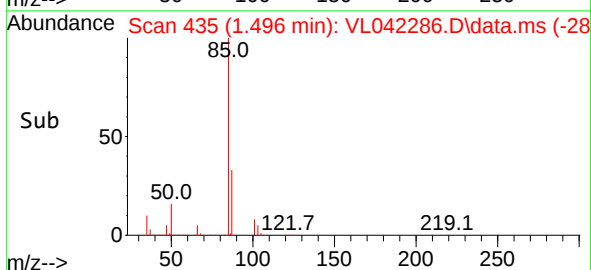
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#2
Dichlorodifluoromethane
Concen: 9.780 ppbv
RT: 1.496 min Scan# 435
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20



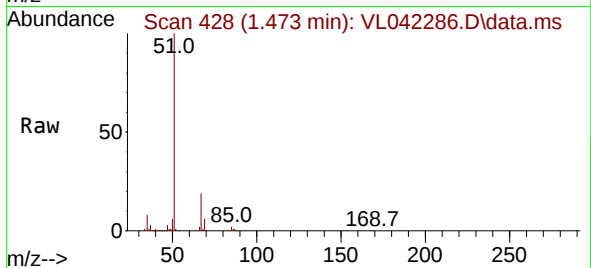
Tgt Ion: 85 Resp: 224739
Ion Ratio Lower Upper
85 100
87 33.3 26.1 39.1





#3
Chlorodifluoromethane
Concen: 10.325 ppbv
RT: 1.473 min Scan# 428
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

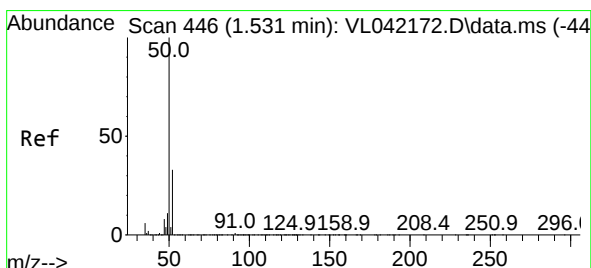
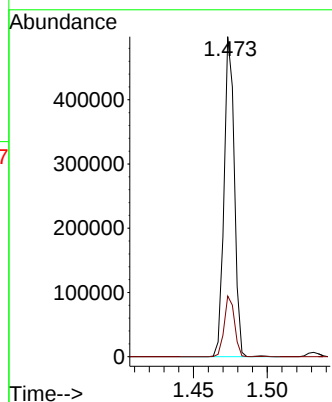
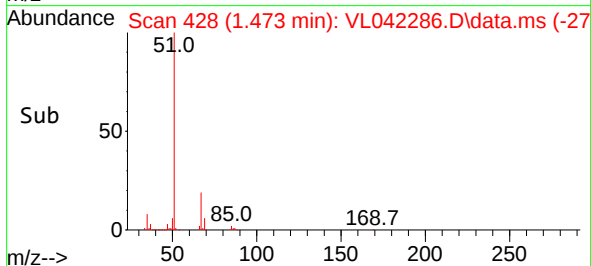
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



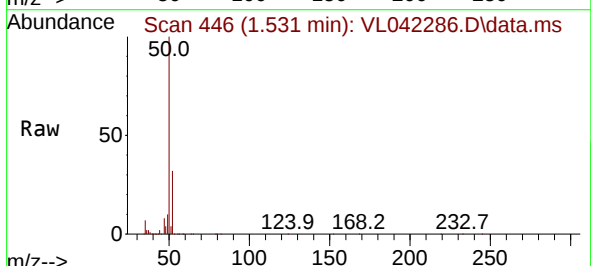
Tgt Ion: 51 Resp: 242368
Ion Ratio Lower Upper
51 100
67 19.0 15.0 22.6

Manual Integrations
APPROVED

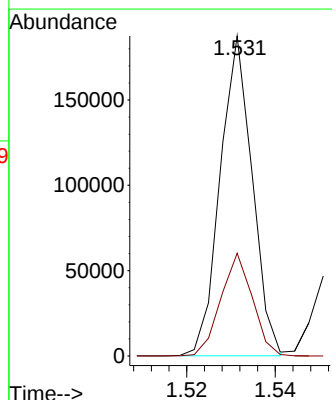
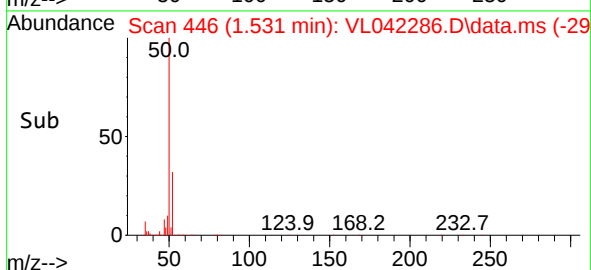
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

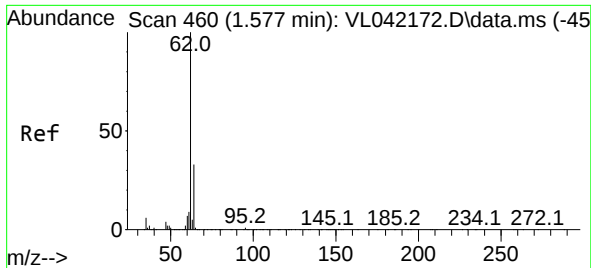


#4
Chloromethane
Concen: 10.054 ppbv
RT: 1.531 min Scan# 446
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20



Tgt Ion: 50 Resp: 94421
Ion Ratio Lower Upper
50 100
52 32.1 26.1 39.1





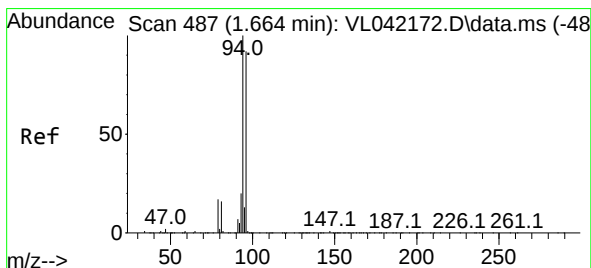
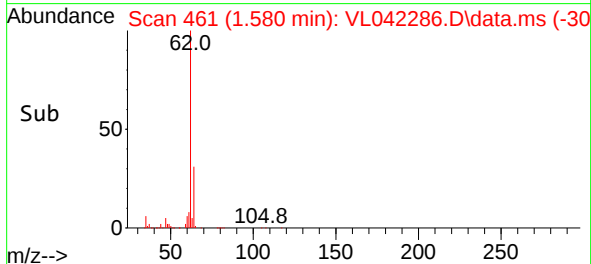
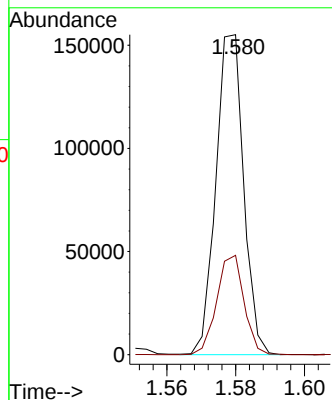
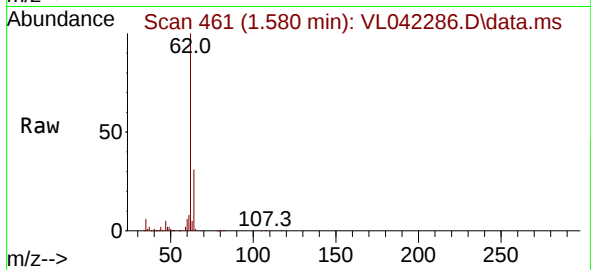
#5
Vinyl Chloride
Concen: 8.750 ppbv
RT: 1.580 min Scan# 461
Delta R.T. 0.003 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 8707
Ion Ratio Lower Upper
62 100
64 31.1 26.6 40.0

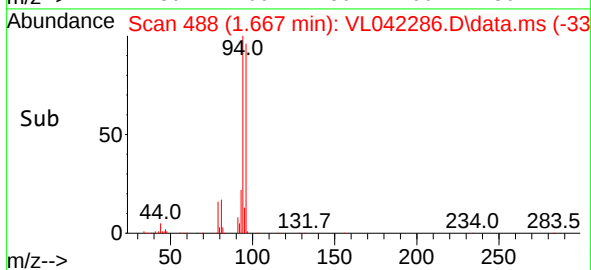
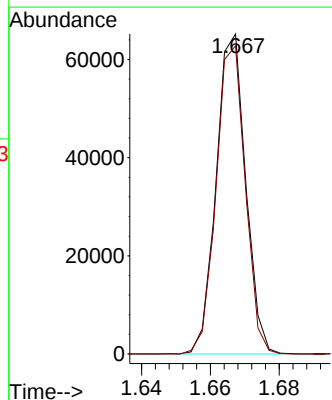
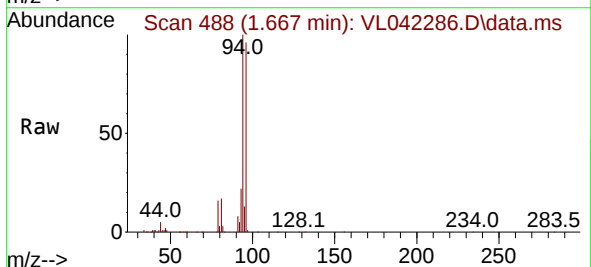
Manual Integrations
APPROVED

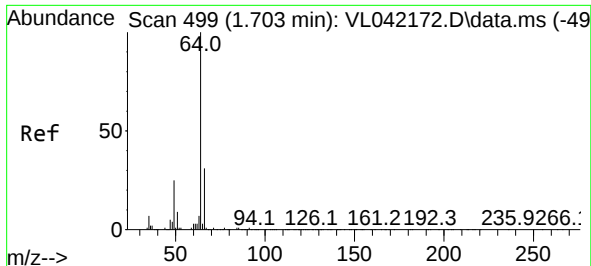
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#6
Bromomethane
Concen: 9.136 ppbv
RT: 1.667 min Scan# 488
Delta R.T. 0.003 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

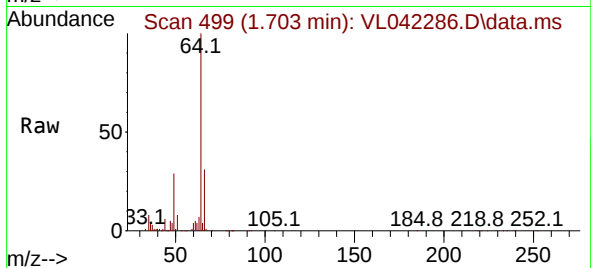
Tgt Ion: 94 Resp: 38883
Ion Ratio Lower Upper
94 100
96 96.3 73.1 109.7





#7
Chloroethane
Concen: 9.290 ppbv
RT: 1.703 min Scan# 499
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

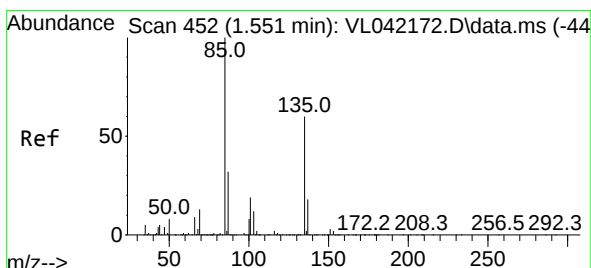
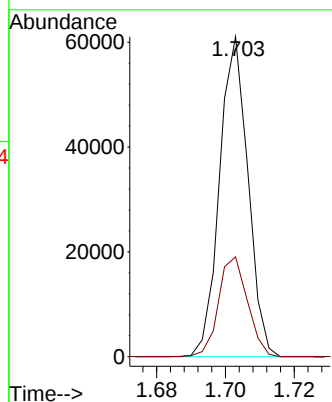
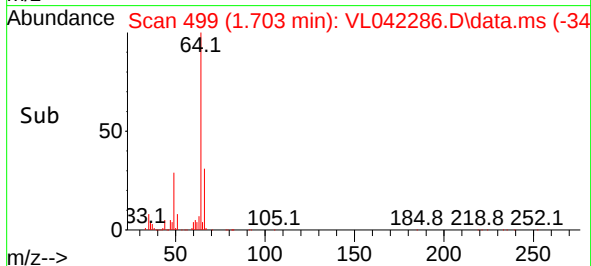
Instrument :
MSVOA_L
Client Sample Id :
VSTDCCC010



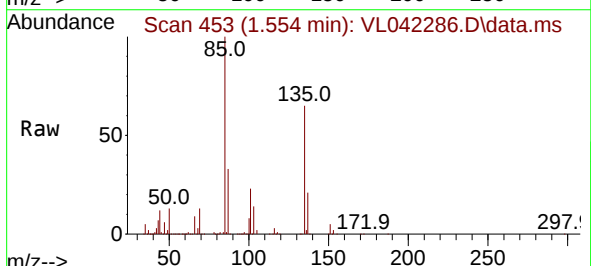
Tgt Ion: 64 Resp: 35019
Ion Ratio Lower Upper
64 100
66 31.2 25.2 37.8

Manual Integrations
APPROVED

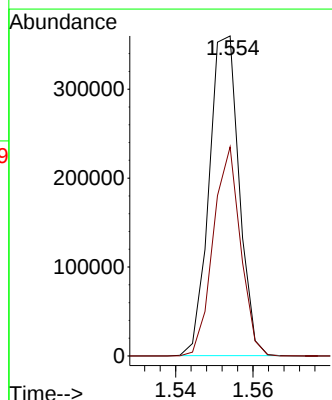
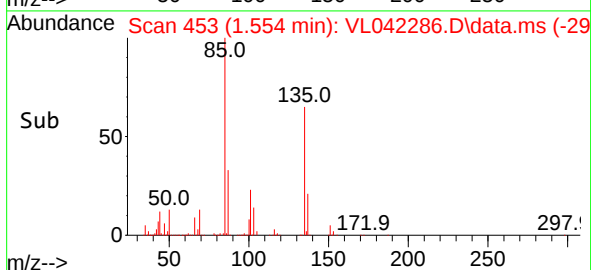
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

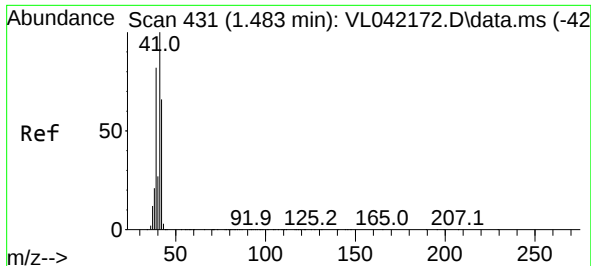


#8
Dichlorotetrafluoroethane
Concen: 9.882 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.003 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20



Tgt Ion: 85 Resp: 193376
Ion Ratio Lower Upper
85 100
135 59.6 52.4 78.6





#9

Propene

Concen: 8.573 ppbv

RT: 1.483 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 9224

Ion Ratio Lower Upper

41 100

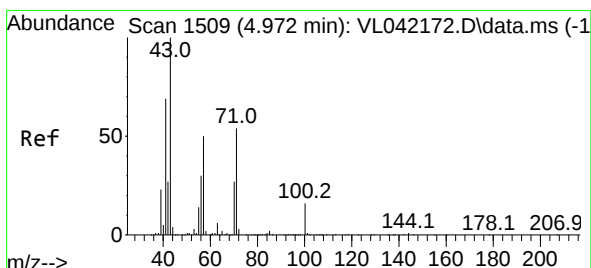
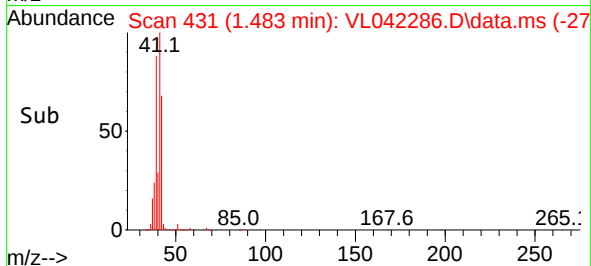
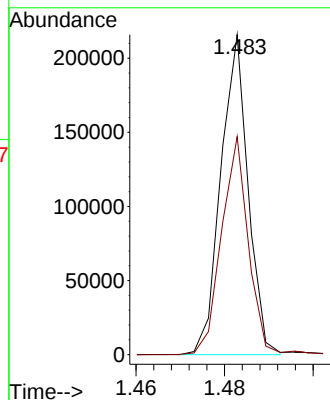
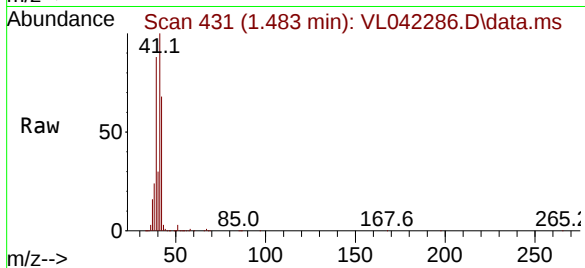
42 67.9 55.4 83.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#10

Heptane

Concen: 9.789 ppbv

RT: 4.972 min Scan# 1509

Delta R.T. 0.000 min

Lab File: VL042286.D

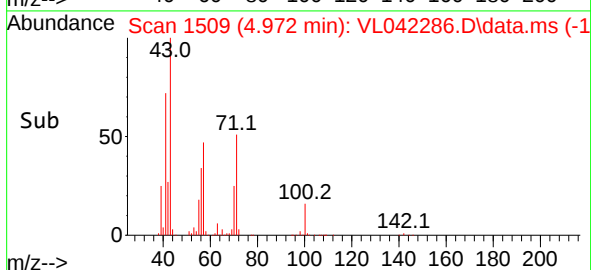
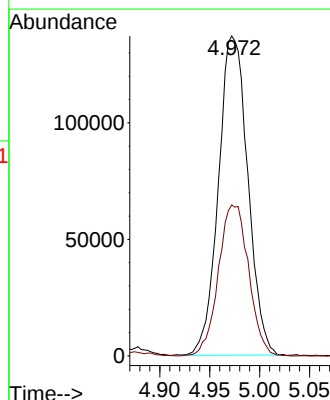
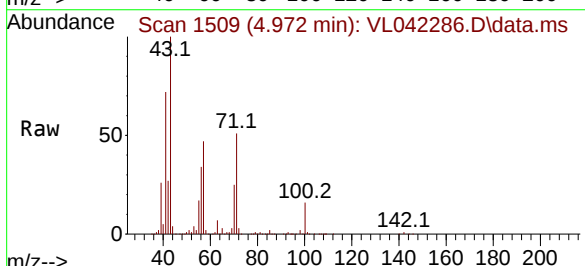
Acq: 09 Apr 2025 10:20

Tgt Ion: 43 Resp: 280156

Ion Ratio Lower Upper

43 100

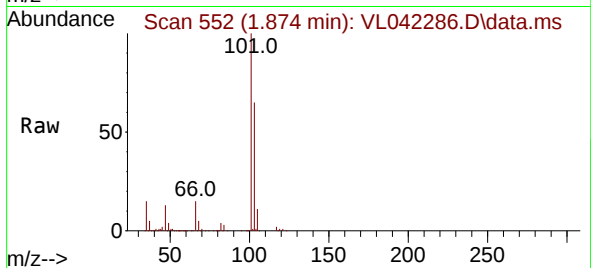
57 48.8 39.4 59.2





#11
Trichlorofluoromethane
Concen: 9.783 ppbv
RT: 1.874 min Scan# 552
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

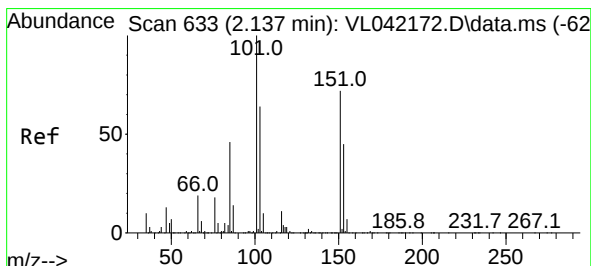
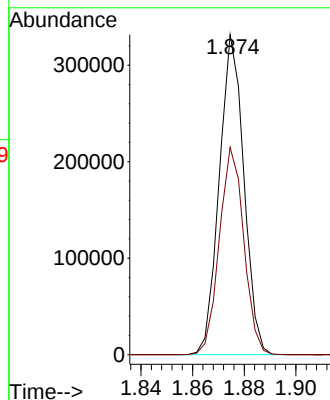
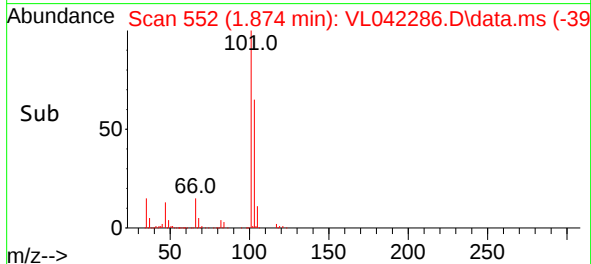
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



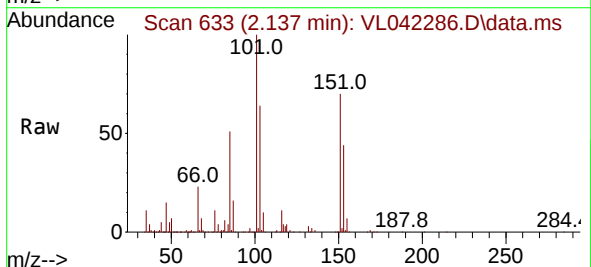
Tgt Ion:101 Resp: 218729
Ion Ratio Lower Upper
101 100
103 64.8 50.2 75.2

Manual Integrations
APPROVED

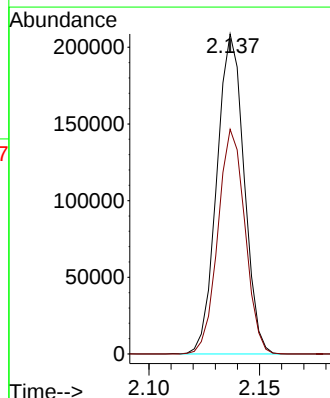
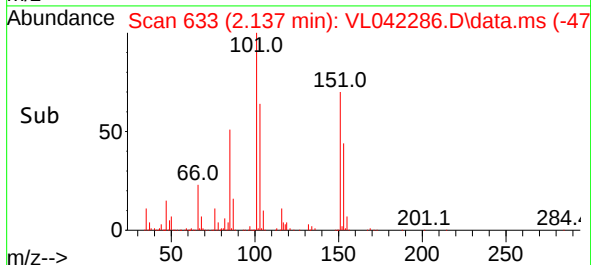
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

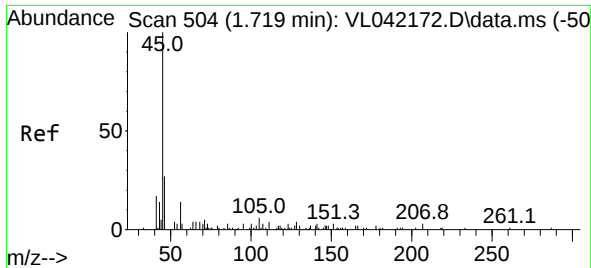


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.726 ppbv
RT: 2.137 min Scan# 633
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20



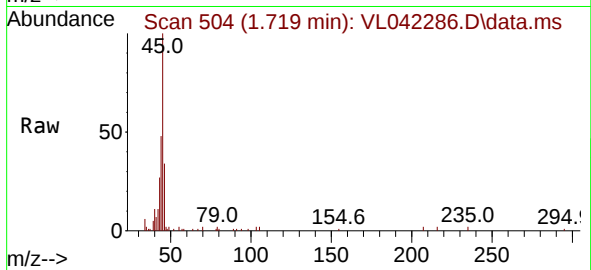
Tgt Ion:101 Resp: 178752
Ion Ratio Lower Upper
101 100
151 69.7 57.1 85.7





#13
Ethanol
Concen: 4.530 ppbv
RT: 1.719 min Scan# 504
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

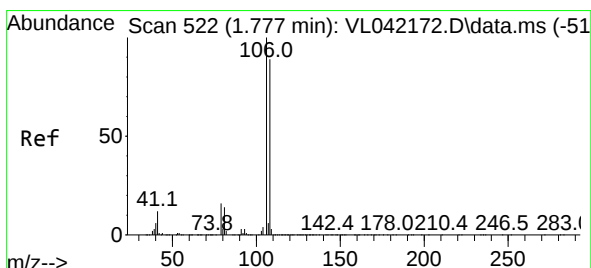
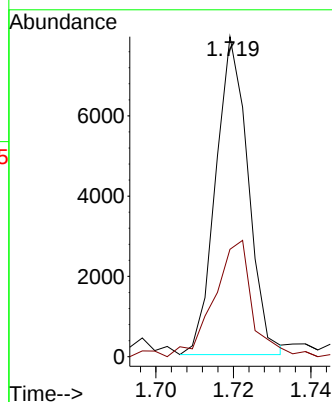
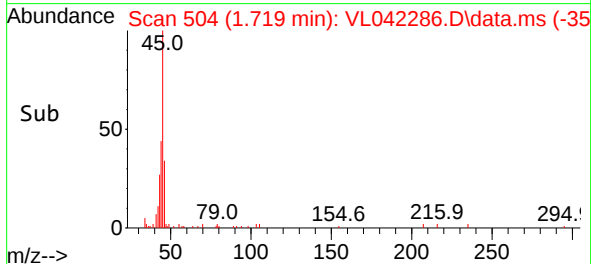
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



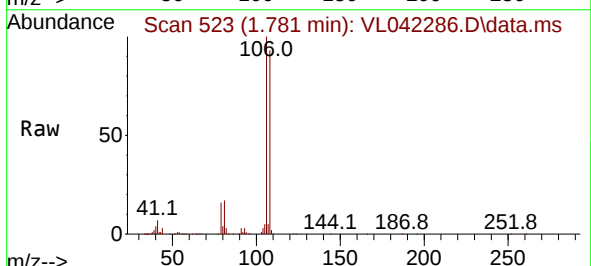
Tgt Ion: 45 Resp: 4608
Ion Ratio Lower Upper
45 100
46 44.9 20.2 80.8

Manual Integrations
APPROVED

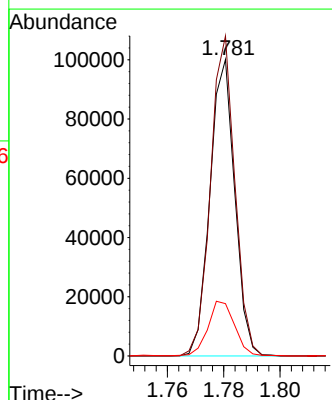
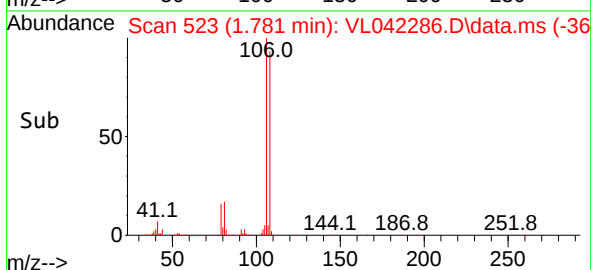
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

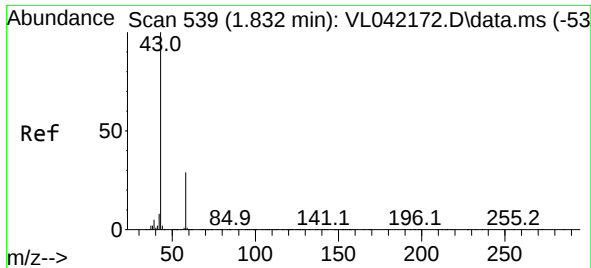


#14
Bromoethene
Concen: 8.693 ppbv
RT: 1.781 min Scan# 523
Delta R.T. 0.003 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20



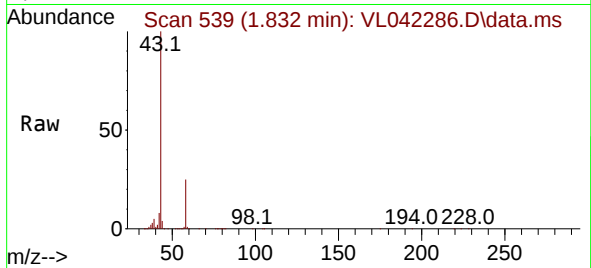
Tgt Ion:108 Resp: 61204
Ion Ratio Lower Upper
108 100
106 105.7 86.8 130.2
79 20.3 15.0 22.6





#15
Acetone
Concen: 9.008 ppbv
RT: 1.832 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

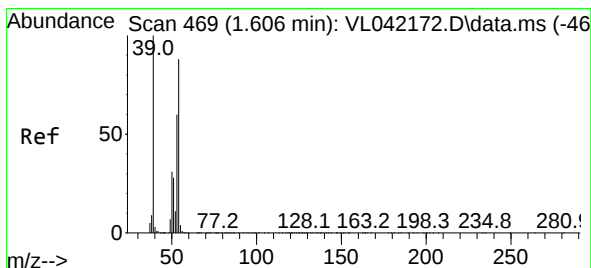
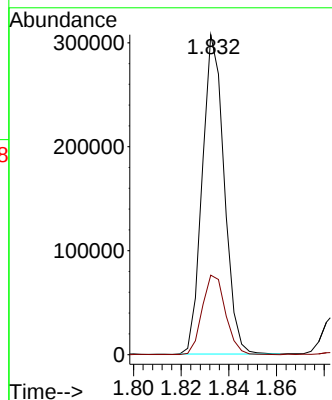
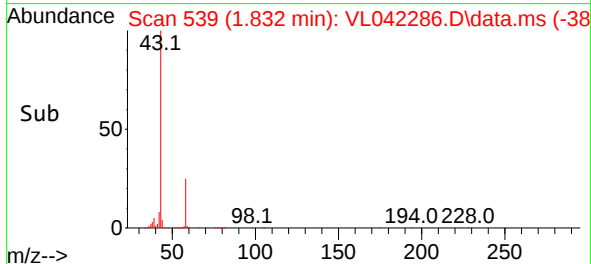
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



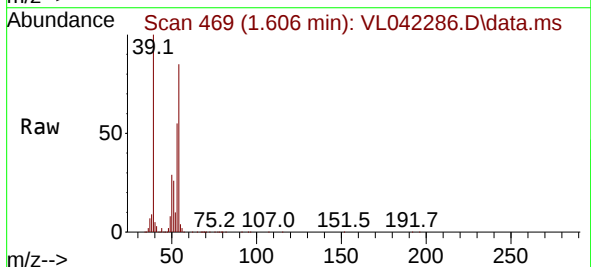
Tgt Ion: 43 Resp: 196063
Ion Ratio Lower Upper
43 100
58 26.8 23.2 34.8

Manual Integrations
APPROVED

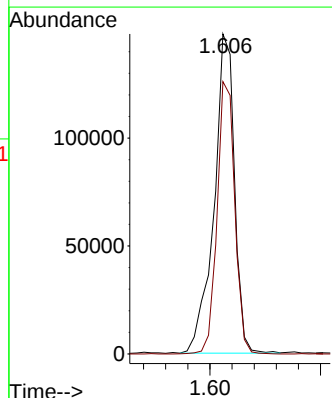
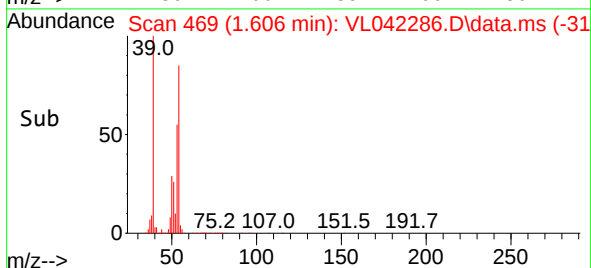
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

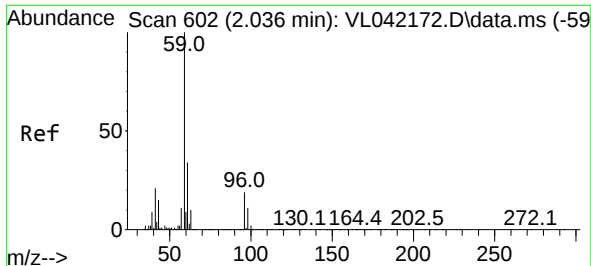


#16
1,3-Butadiene
Concen: 8.931 ppbv
RT: 1.606 min Scan# 469
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20



Tgt Ion: 39 Resp: 94932
Ion Ratio Lower Upper
39 100
54 73.9 60.7 91.1





#17

tert-Butyl alcohol

Concen: 8.122 ppbv

RT: 2.040 min Scan# 602

Delta R.T. 0.003 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 22018

Ion Ratio Lower Upper

59 100

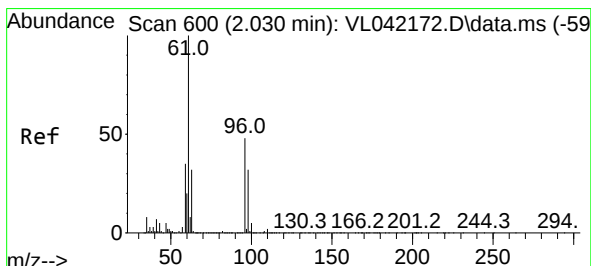
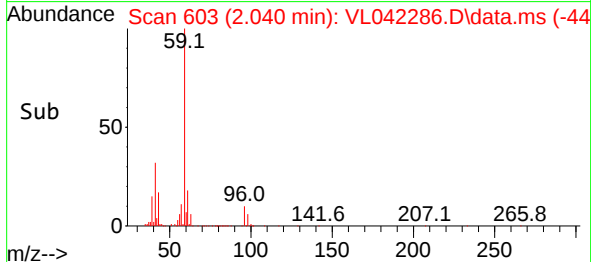
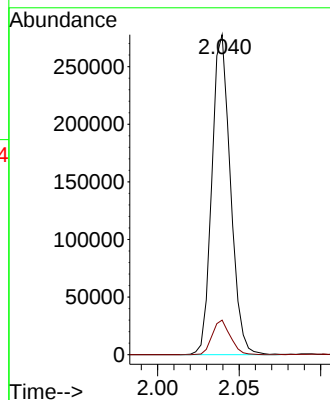
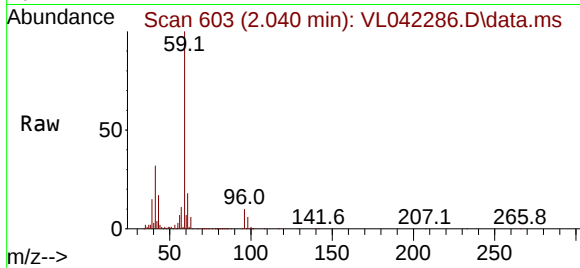
57 10.5 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#18

1,1-Dichloroethene

Concen: 9.042 ppbv

RT: 2.033 min Scan# 601

Delta R.T. 0.003 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

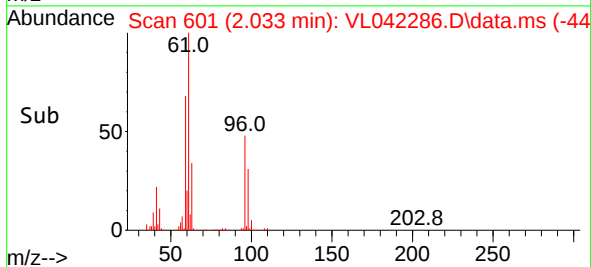
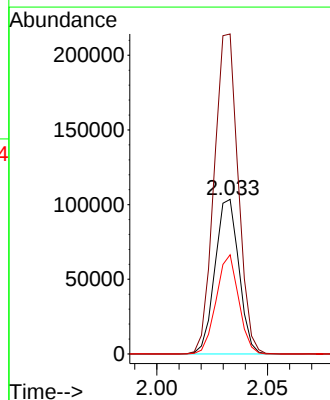
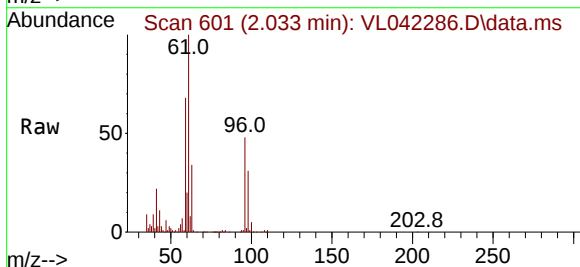
Tgt Ion: 96 Resp: 77686

Ion Ratio Lower Upper

96 100

61 207.1 167.6 251.4

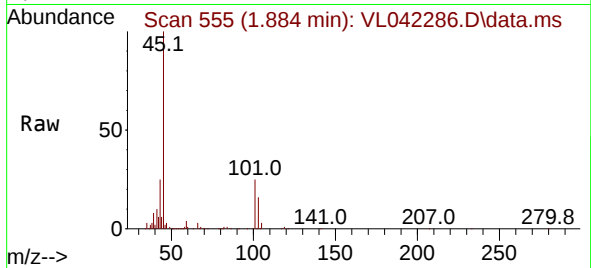
98 64.2 53.5 80.3





#19
Isopropyl Alcohol
Concen: 8.415 ppbv
RT: 1.884 min Scan# 555
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

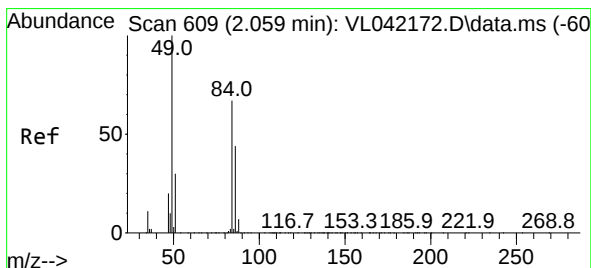
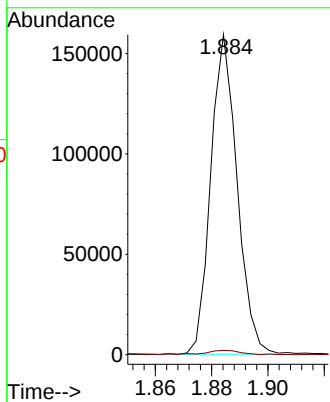
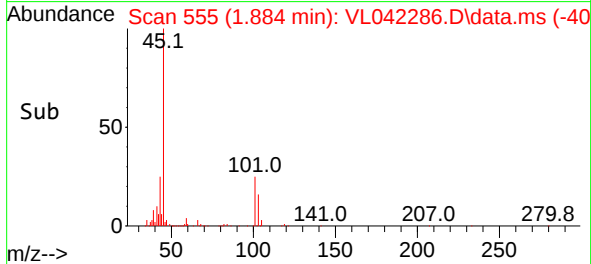
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 45 Resp: 103348
Ion Ratio Lower Upper
45 100
58 50.7 36.9 55.3

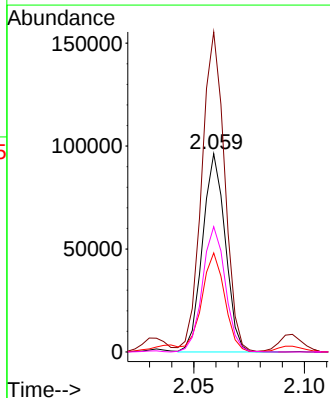
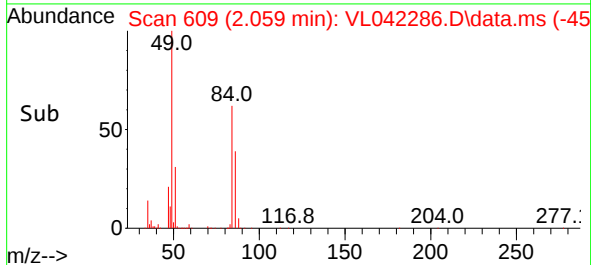
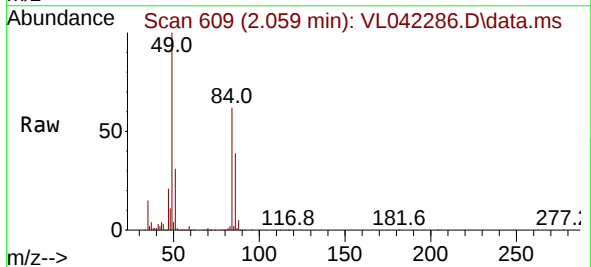
Manual Integrations
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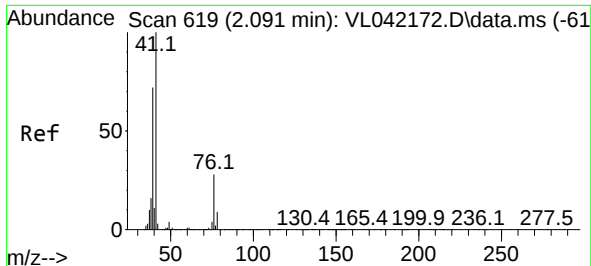
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#20
Methylene Chloride
Concen: 8.461 ppbv
RT: 2.059 min Scan# 609
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

Tgt Ion: 84 Resp: 68588
Ion Ratio Lower Upper
84 100
49 159.3 120.2 180.4
51 48.1 37.4 56.0
86 63.2 52.4 78.6





#21
 Allyl Chloride
 Concen: 9.118 ppbv
 RT: 2.095 min Scan# 619
 Delta R.T. 0.003 min
 Lab File: VL042286.D
 Acq: 09 Apr 2025 10:20

Instrument :

MSVOA_L

ClientSampleId :

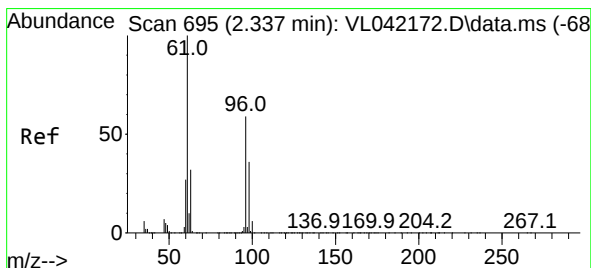
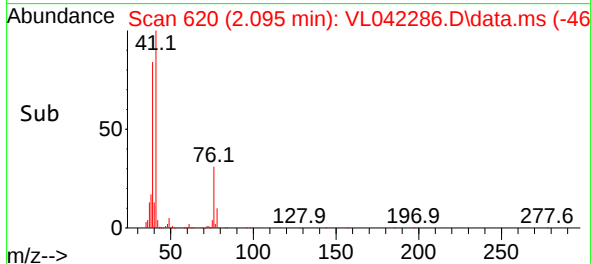
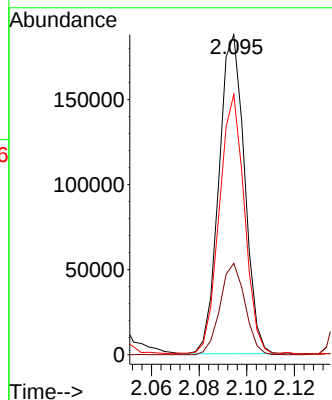
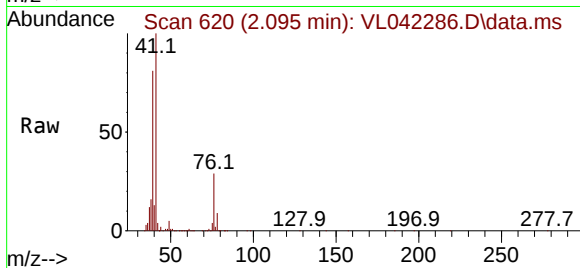
VSTDCCC010

Tgt Ion: 41 Resp: 139968
 Ion Ratio Lower Upper
 41 100
 76 27.7 24.1 36.1
 39 79.7 61.1 91.7

Manual Integrations

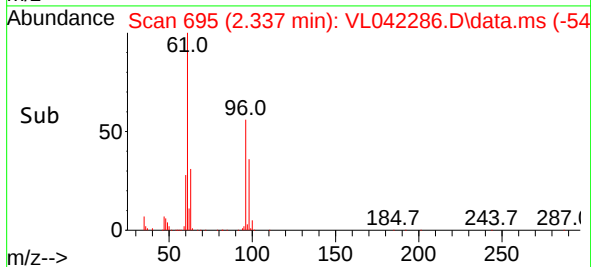
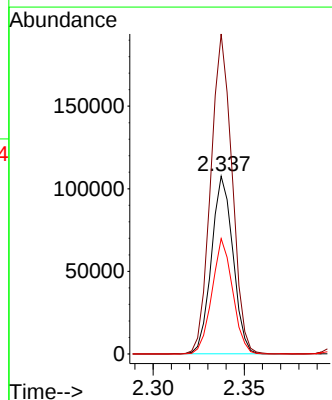
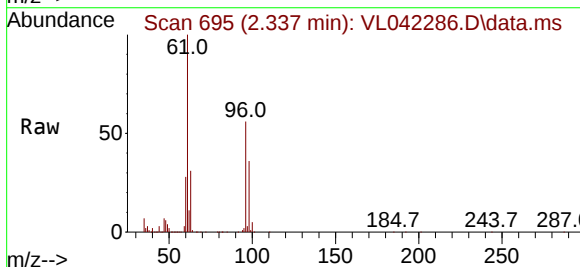
APPROVED

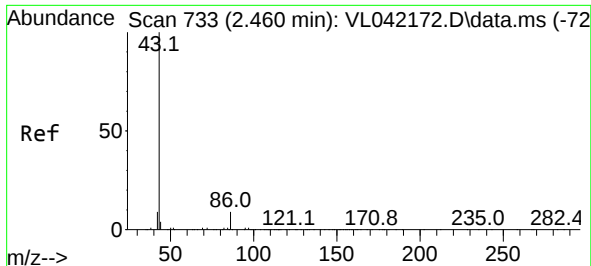
Reviewed By :Semsettin Yesilyurt 04/10/2025
 Supervised By :Mahesh Dadoda 04/10/2025



#22
 trans-1,2-Dichloroethene
 Concen: 8.896 ppbv
 RT: 2.337 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VL042286.D
 Acq: 09 Apr 2025 10:20

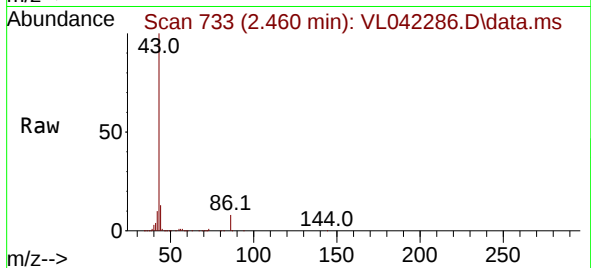
Tgt Ion: 96 Resp: 88334
 Ion Ratio Lower Upper
 96 100
 61 180.1 136.6 204.8
 98 64.9 49.4 74.2





#23
 Vinyl Acetate
 Concen: 7.766 ppbv
 RT: 2.460 min Scan# 716
 Delta R.T. 0.000 min
 Lab File: VL042286.D
 Acq: 09 Apr 2025 10:20

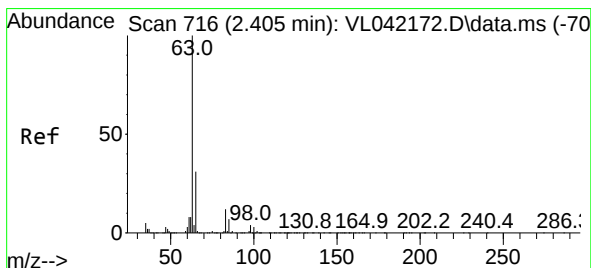
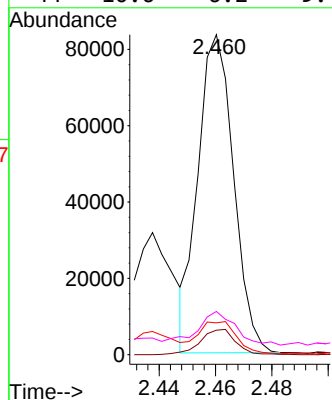
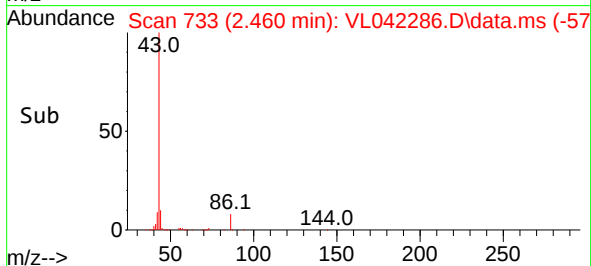
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



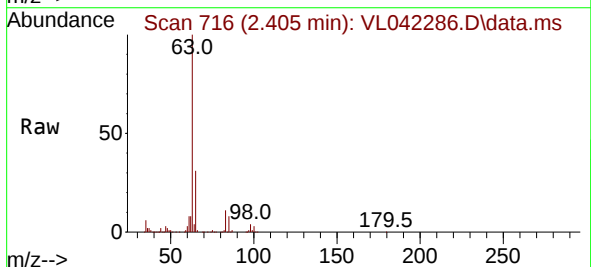
Tgt Ion: 43 Resp: 73162
 Ion Ratio Lower Upper
 43 100
 86 7.6 5.5 8.3
 42 9.7 8.6 13.0
 44 10.6 6.2 9.4#

Manual Integrations
 APPROVED

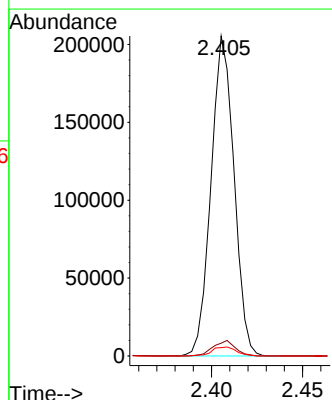
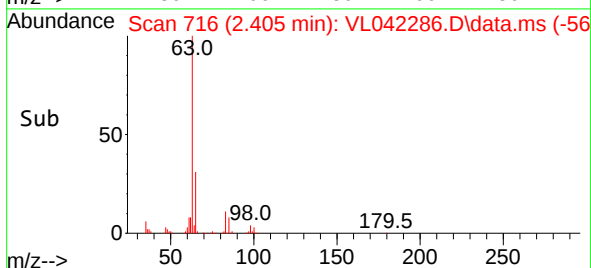
Reviewed By :Semsettin Yesilyurt 04/10/2025
 Supervised By :Mahesh Dadoda 04/10/2025

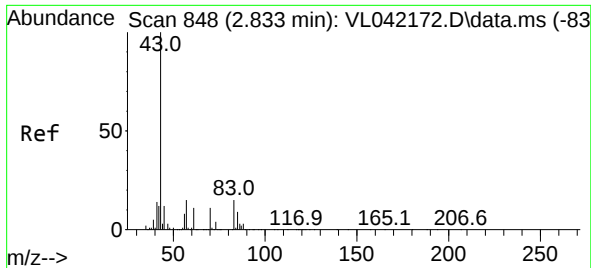


#24
 1,1-Dichloroethane
 Concen: 9.801 ppbv
 RT: 2.405 min Scan# 716
 Delta R.T. 0.000 min
 Lab File: VL042286.D
 Acq: 09 Apr 2025 10:20



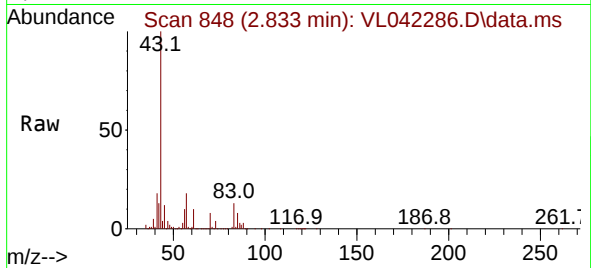
Tgt Ion: 63 Resp: 180404
 Ion Ratio Lower Upper
 63 100
 98 4.0 2.3 6.8
 100 2.6 1.6 4.7





#25
Ethyl Acetate
Concen: 10.039 ppbv
RT: 2.833 min Scan# 848
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

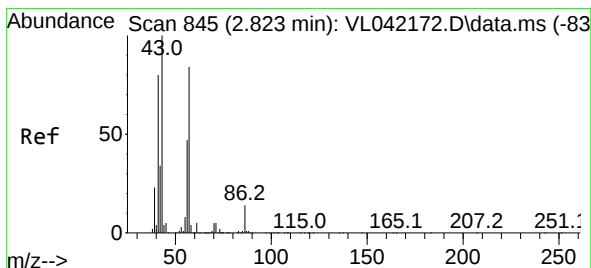
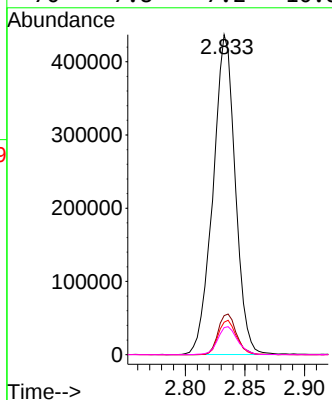
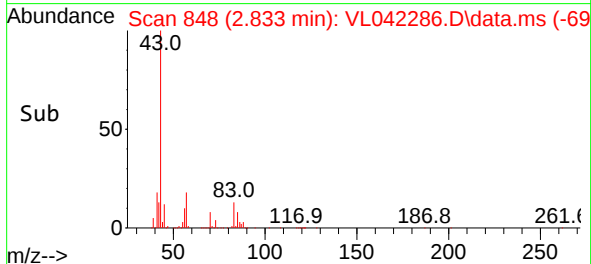
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



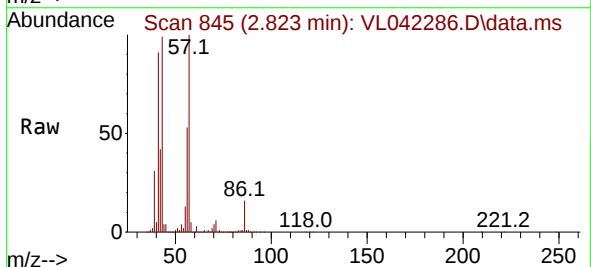
Tgt Ion: 43 Resp: 567125
Ion Ratio Lower Upper
43 100
45 10.5 8.2 12.2
61 8.9 7.3 10.9
70 7.8 7.2 10.8

Manual Integrations
APPROVED

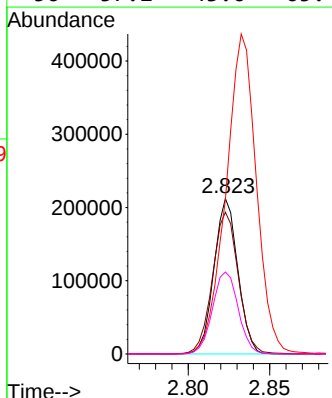
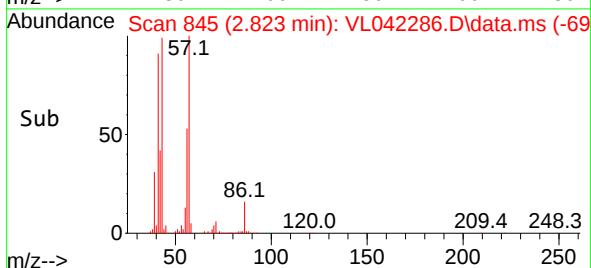
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

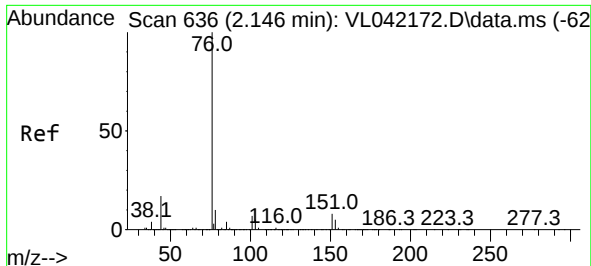


#26
Hexane
Concen: 9.848 ppbv
RT: 2.823 min Scan# 845
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20



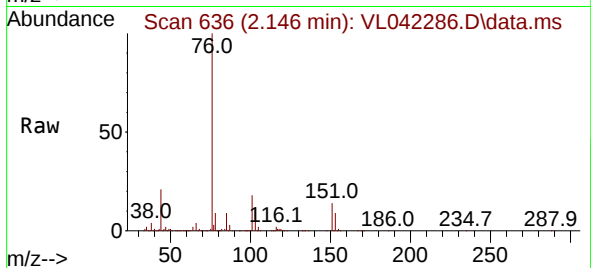
Tgt Ion: 57 Resp: 214891
Ion Ratio Lower Upper
57 100
41 99.1 76.6 114.8
43 264.9 207.8 311.8
56 57.2 43.6 65.4





#27
Carbon Disulfide
Concen: 9.253 ppbv
RT: 2.146 min Scan# 611
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

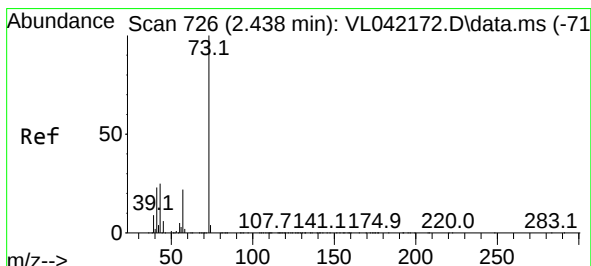
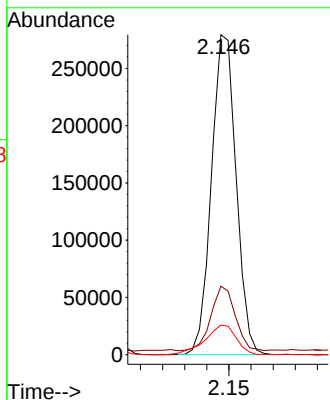
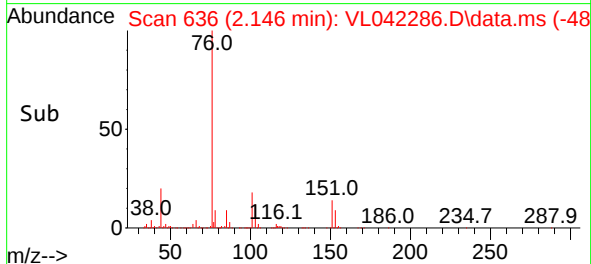
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



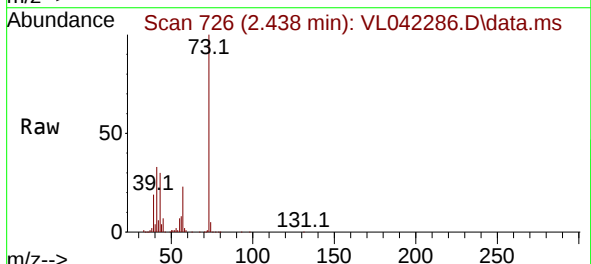
Tgt Ion: 76 Resp: 216499
Ion Ratio Lower Upper
76 100
44 20.6 14.7 22.1
78 11.8 9.3 13.9

Manual Integrations
APPROVED

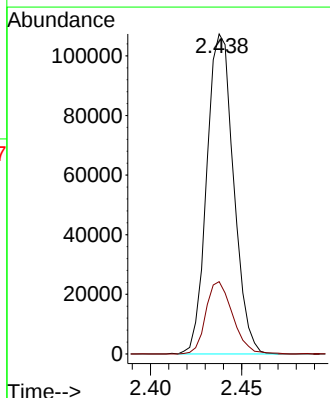
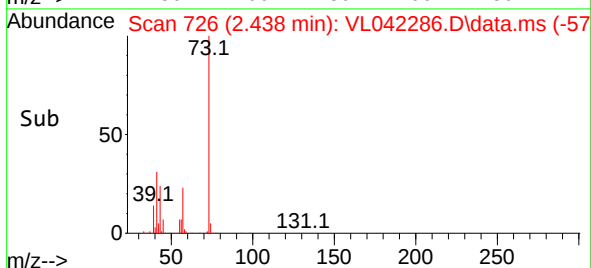
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

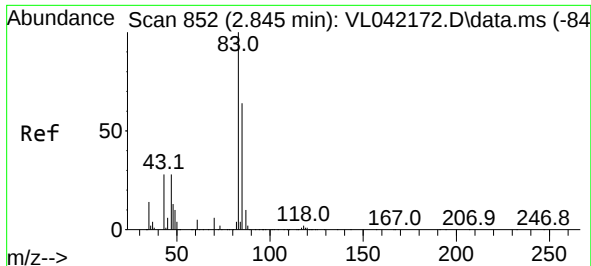


#28
Methyl tert-Butyl Ether
Concen: 8.077 ppbv
RT: 2.438 min Scan# 726
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20



Tgt Ion: 73 Resp: 109726
Ion Ratio Lower Upper
73 100
57 22.6 20.5 30.7





#29

Chloroform

Concen: 10.675 ppbv

RT: 2.845 min Scan# 852

Delta R.T. 0.000 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 340889

Ion Ratio Lower Upper

83 100

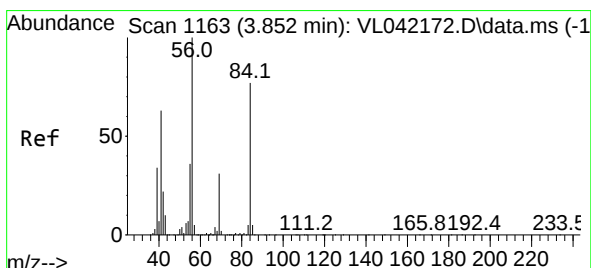
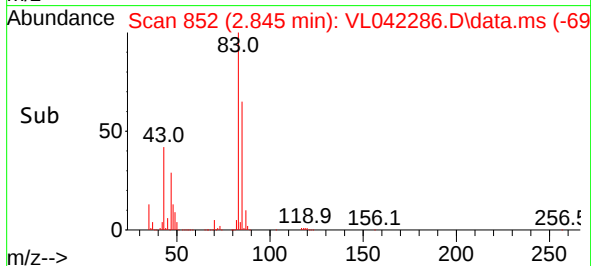
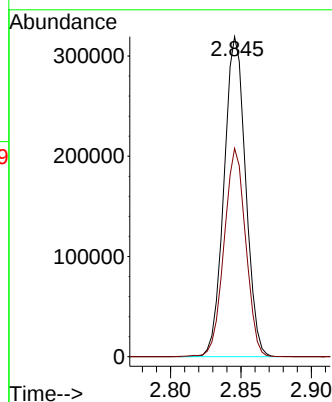
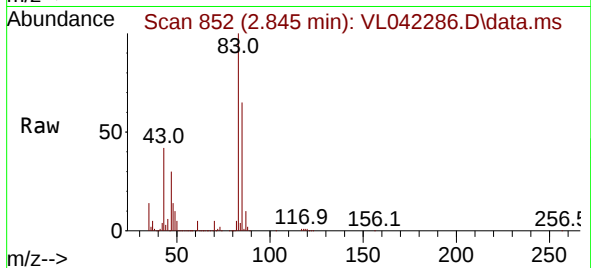
85 65.0 51.4 77.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#30

Cyclohexane

Concen: 8.991 ppbv

RT: 3.852 min Scan# 1163

Delta R.T. 0.000 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

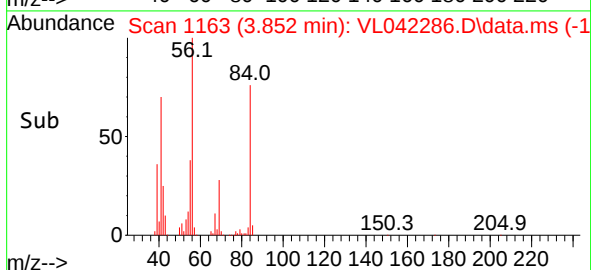
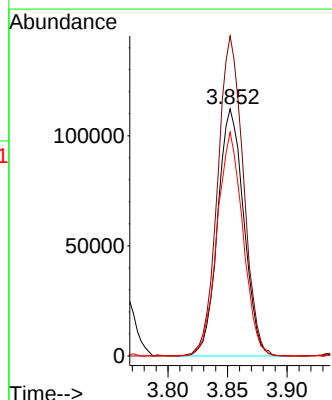
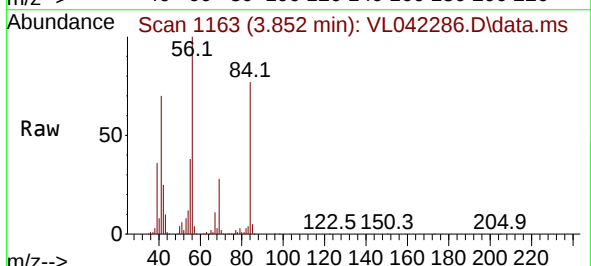
Tgt Ion: 84 Resp: 170359

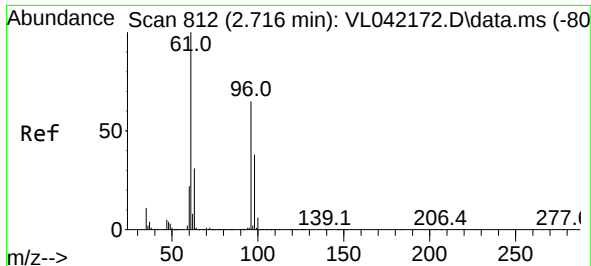
Ion Ratio Lower Upper

84 100

56 127.8 102.8 154.2

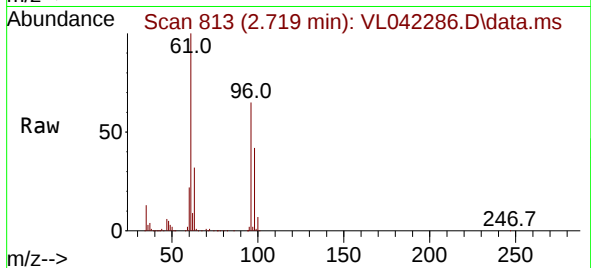
41 90.1 66.5 99.7





#31
 cis-1,2-Dichloroethene
 Concen: 9.110 ppbv
 RT: 2.719 min Scan# 812
 Delta R.T. 0.003 min
 Lab File: VL042286.D
 Acq: 09 Apr 2025 10:20

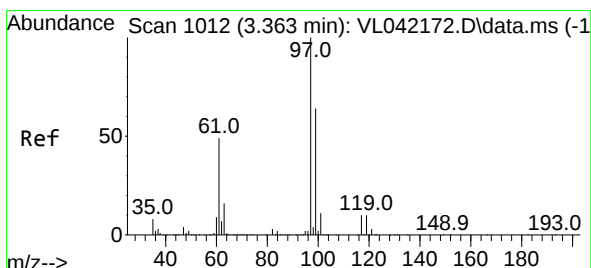
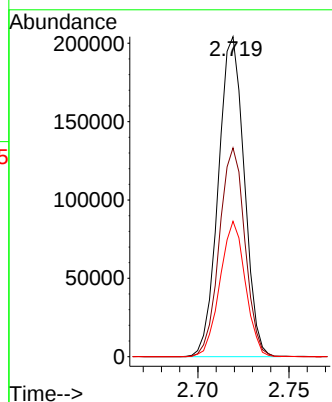
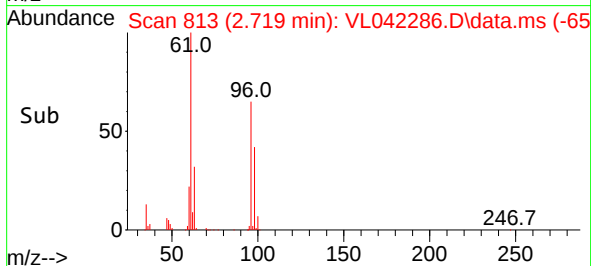
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 61 Resp: 201790
 Ion Ratio Lower Upper
 61 100
 96 65.3 51.8 77.8
 98 42.3 30.6 46.0

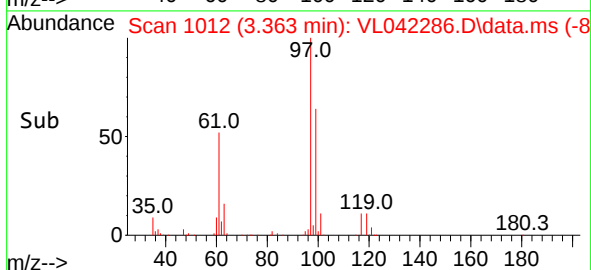
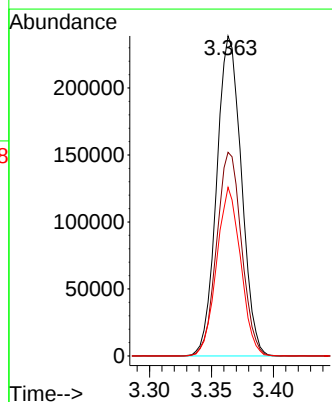
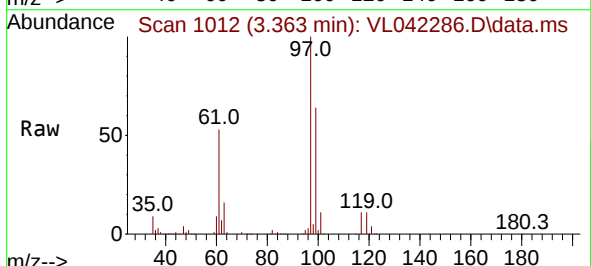
Manual Integrations
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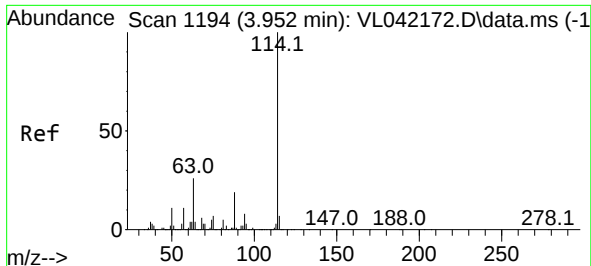
Reviewed By :Semsettin Yesilyurt 04/10/2025
 Supervised By :Mahesh Dadoda 04/10/2025



#32
 1,1,1-Trichloroethane
 Concen: 9.088 ppbv
 RT: 3.363 min Scan# 1012
 Delta R.T. 0.000 min
 Lab File: VL042286.D
 Acq: 09 Apr 2025 10:20

Tgt Ion: 97 Resp: 332252
 Ion Ratio Lower Upper
 97 100
 99 64.1 51.5 77.3
 61 51.3 38.7 58.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.956 min Scan# 1195

Delta R.T. 0.003 min

Lab File: VL042286.D

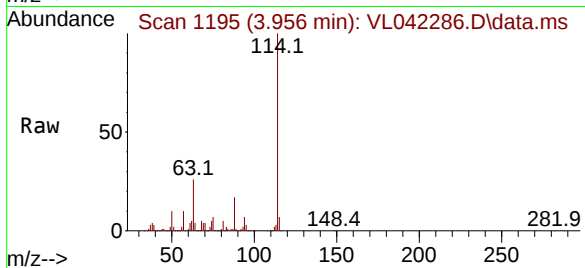
Acq: 09 Apr 2025 10:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:114 Resp: 397170

Ion Ratio Lower Upper

114 100

63 25.6 20.7 31.1

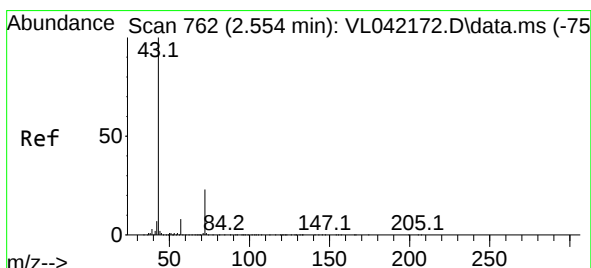
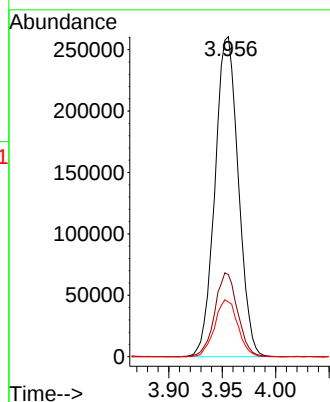
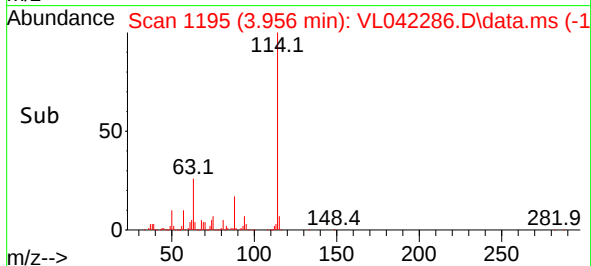
88 17.6 15.0 22.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#34

2-Butanone

Concen: 10.886 ppbv

RT: 2.554 min Scan# 762

Delta R.T. 0.000 min

Lab File: VL042286.D

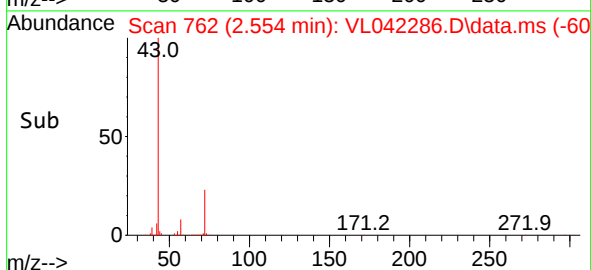
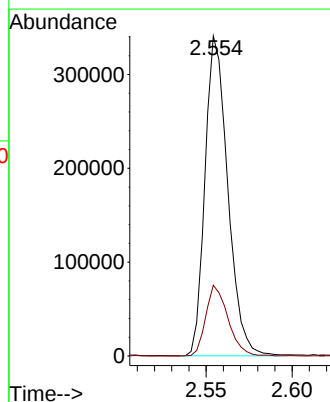
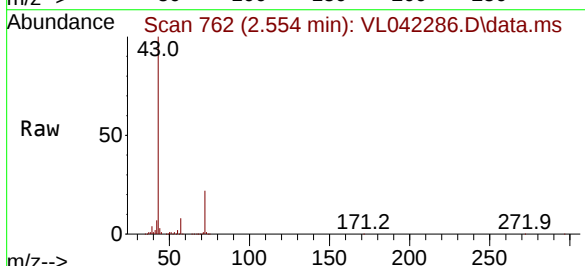
Acq: 09 Apr 2025 10:20

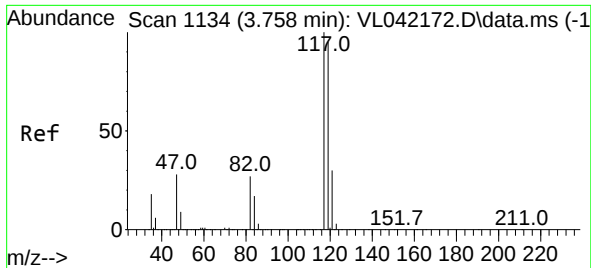
Tgt Ion: 43 Resp: 313515

Ion Ratio Lower Upper

43 100

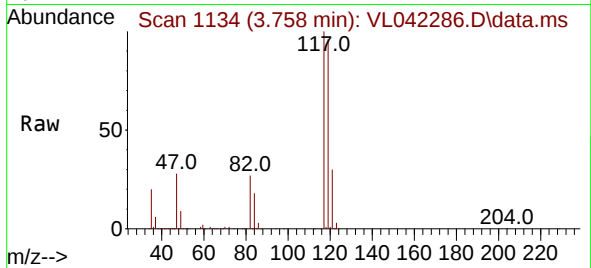
72 21.7 18.2 27.2





#35
Carbon Tetrachloride
Concen: 11.256 ppbv
RT: 3.758 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

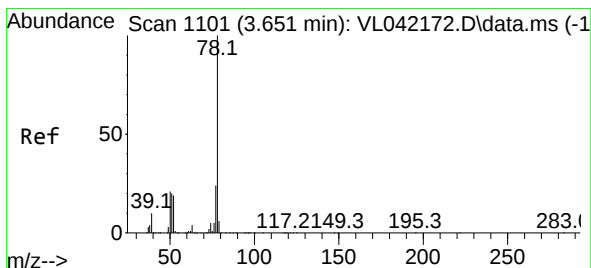
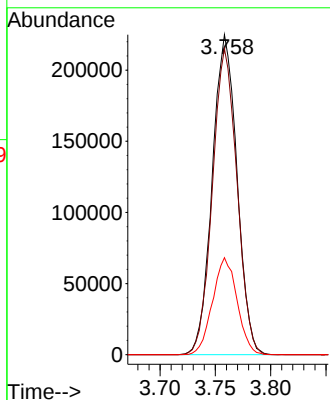
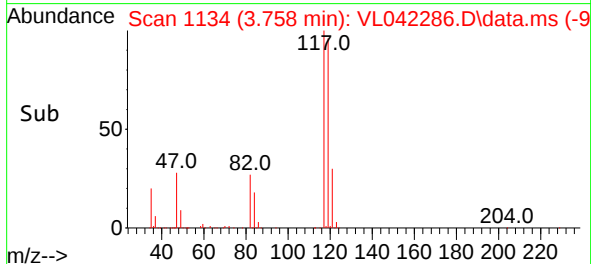
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



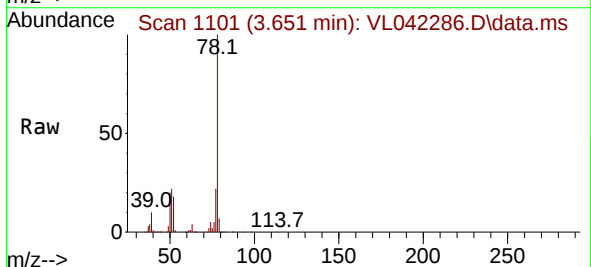
Tgt Ion: 117 Resp: 349240
Ion Ratio Lower Upper
117 100
119 95.6 76.2 114.2
121 30.3 24.2 36.4

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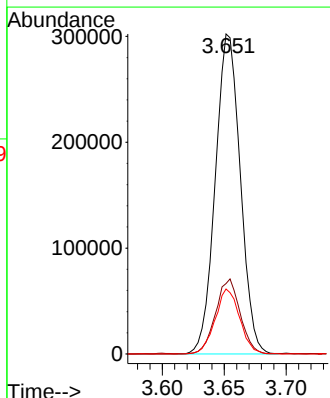
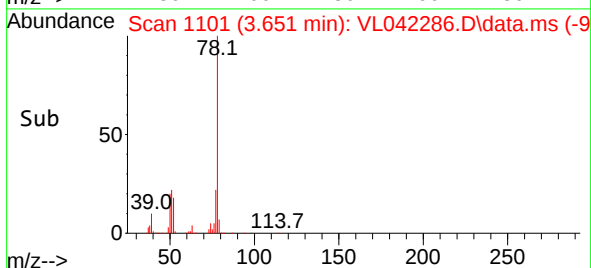
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

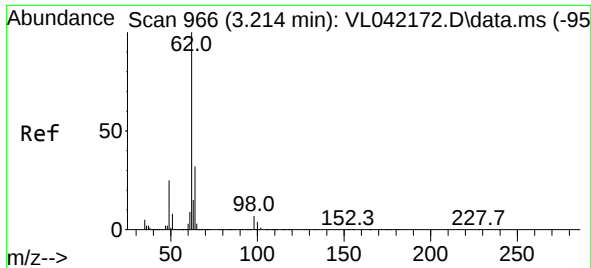


#36
Benzene
Concen: 10.802 ppbv
RT: 3.651 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20



Tgt Ion: 78 Resp: 425324
Ion Ratio Lower Upper
78 100
77 21.9 19.1 28.7
50 20.3 16.6 24.8





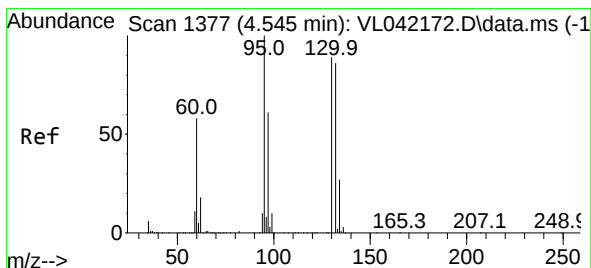
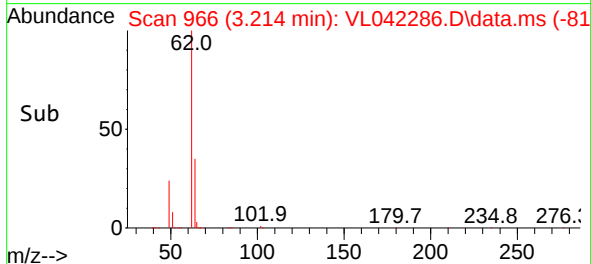
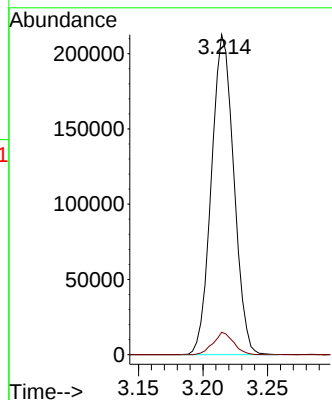
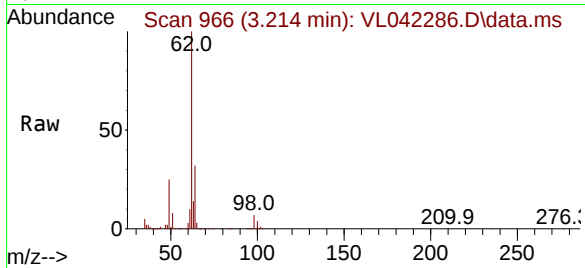
#37
1,2-Dichloroethane
Concen: 11.391 ppbv
RT: 3.214 min Scan# 966
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 25679
Ion Ratio Lower Upper
62 100
98 6.3 5.4 8.2

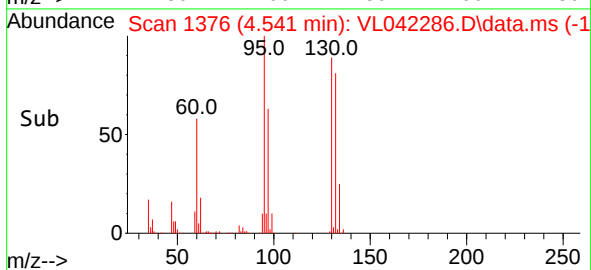
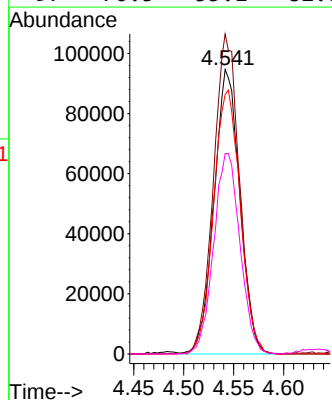
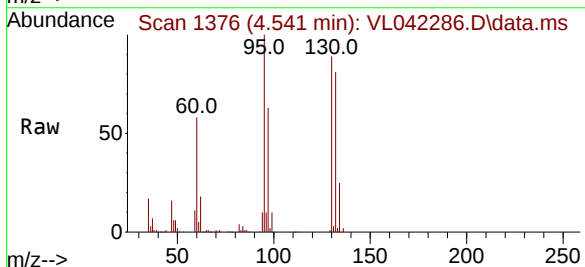
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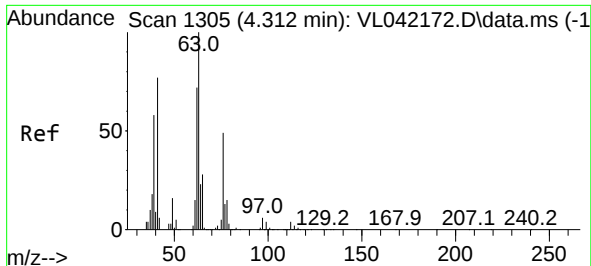
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#38
Trichloroethene
Concen: 10.370 ppbv
RT: 4.541 min Scan# 1376
Delta R.T. -0.003 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

Tgt Ion:130 Resp: 170362
Ion Ratio Lower Upper
130 100
95 112.5 89.8 134.8
132 91.3 77.4 116.2
97 70.5 55.1 82.7





#39

1,2-Dichloropropane

Concen: 10.710 ppbv

RT: 4.312 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 15358

Ion Ratio Lower Upper

63 100

41 85.0 61.7 92.5

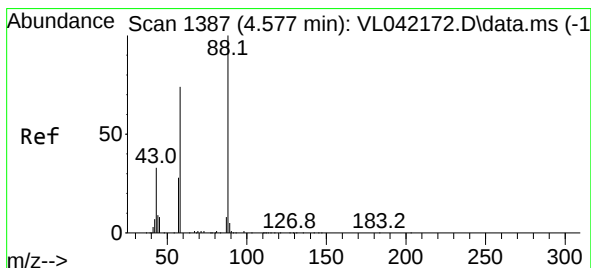
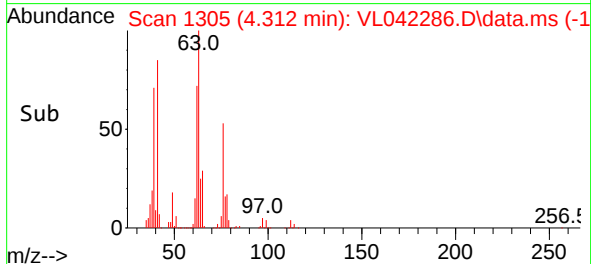
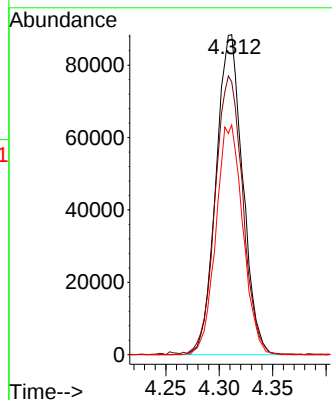
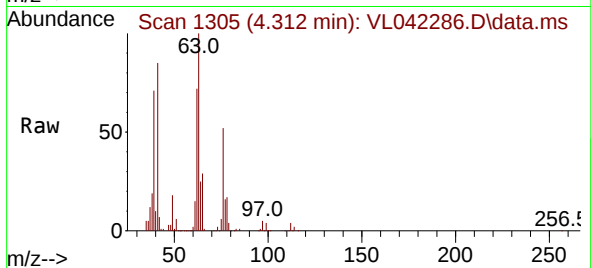
62 71.8 57.6 86.4

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Reviewed By :Semsettin Yesilyurt 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#40

1,4-Dioxane

Concen: 9.539 ppbv

RT: 4.577 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

Tgt Ion: 88 Resp: 72604

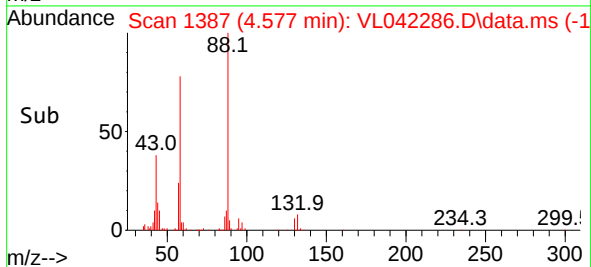
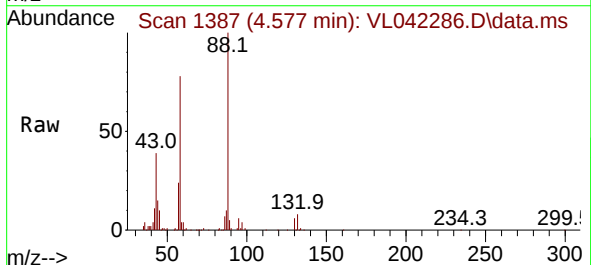
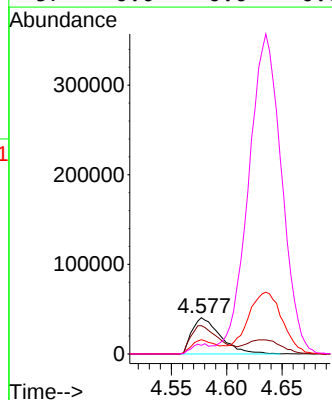
Ion Ratio Lower Upper

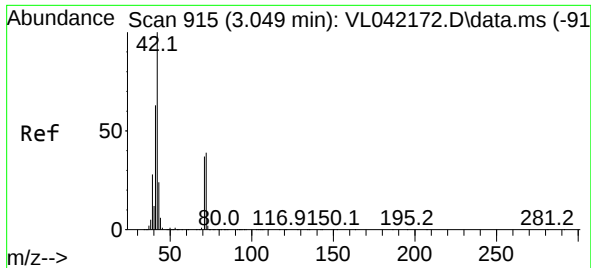
88 100

58 75.1 62.7 94.1

43 33.8 23.0 34.4

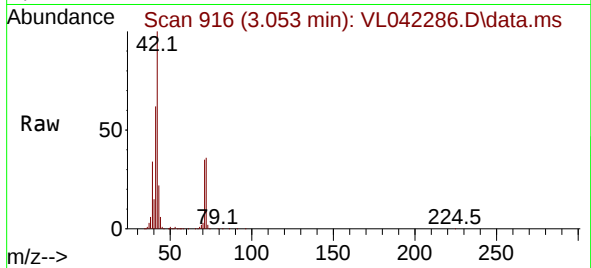
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 10.556 ppbv
RT: 3.053 min Scan# 915
Delta R.T. 0.003 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

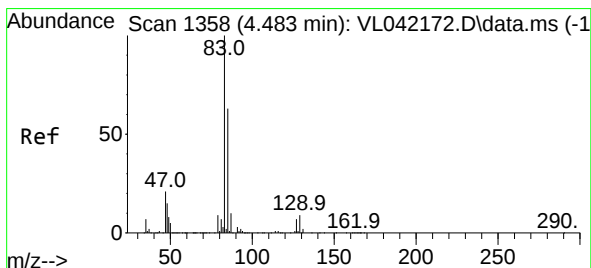
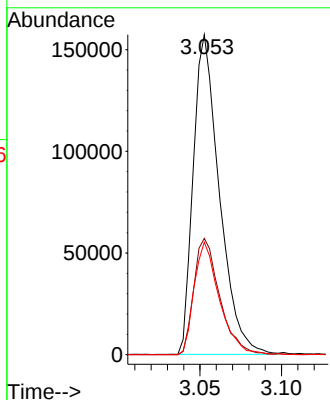
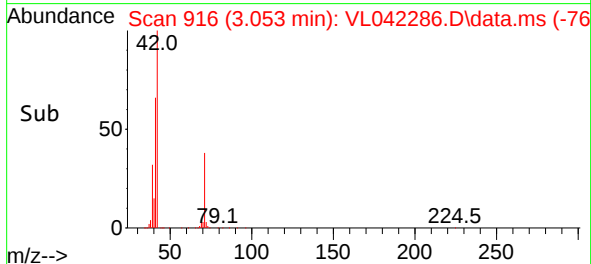
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 175060
Ion Ratio Lower Upper
42 100
72 36.2 31.4 47.0
71 34.2 30.2 45.4

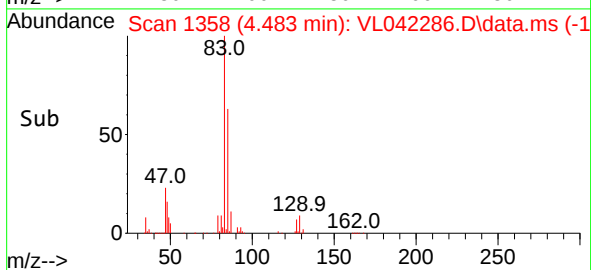
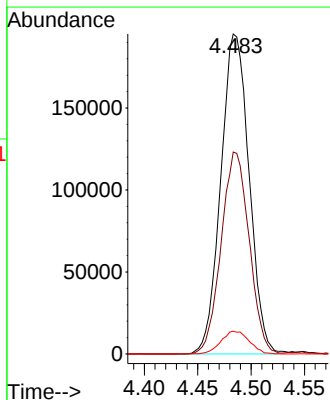
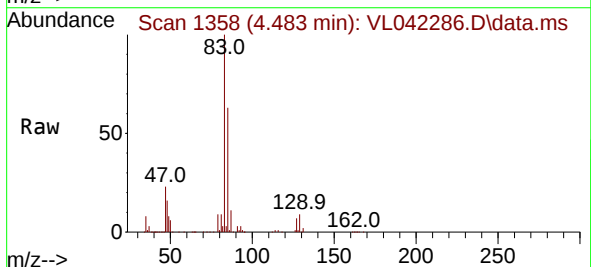
Manual Integrations
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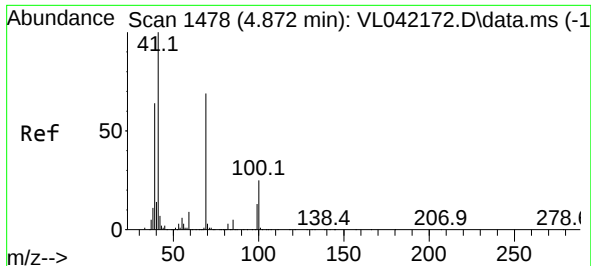
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#42
Bromodichloromethane
Concen: 11.551 ppbv
RT: 4.483 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

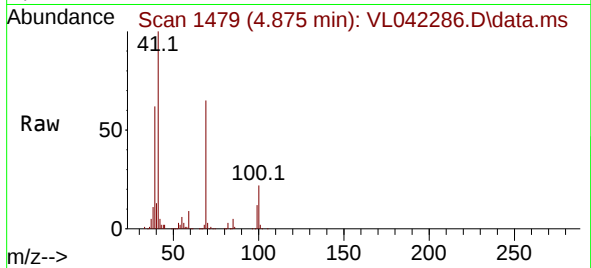
Tgt Ion: 83 Resp: 358962
Ion Ratio Lower Upper
83 100
85 63.1 50.5 75.7
127 7.1 5.9 8.9





#43
Methyl Methacrylate
Concen: 9.297 ppbv
RT: 4.875 min Scan# 1478
Delta R.T. 0.003 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

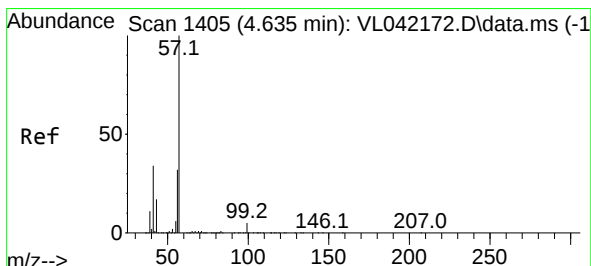
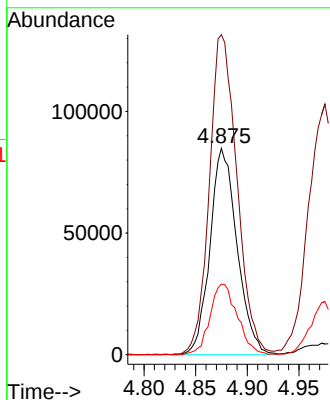
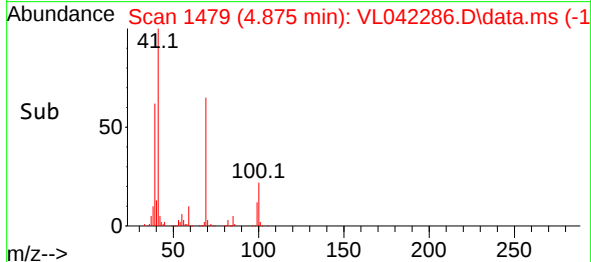
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



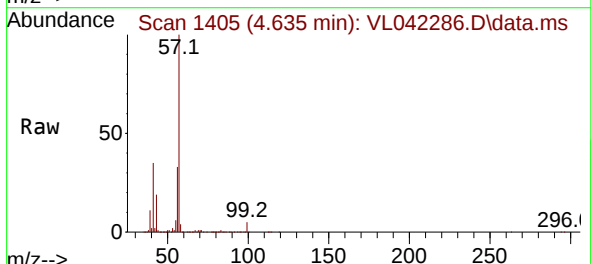
Tgt Ion: 69 Resp: 154978
Ion Ratio Lower Upper
69 100
41 158.4 123.8 185.6
100 34.5 28.4 42.6

Manual Integrations
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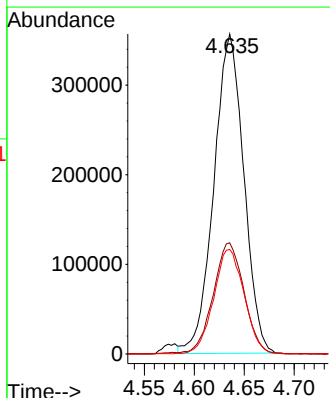
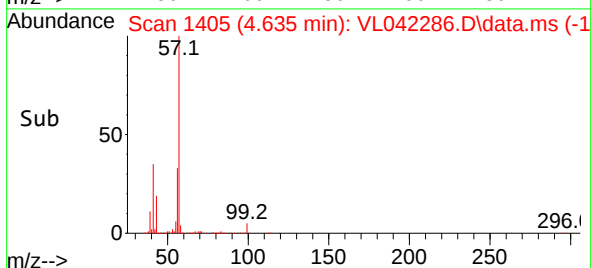
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#44
2,2,4-Trimethylpentane
Concen: 11.157 ppbv
RT: 4.635 min Scan# 1405
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20



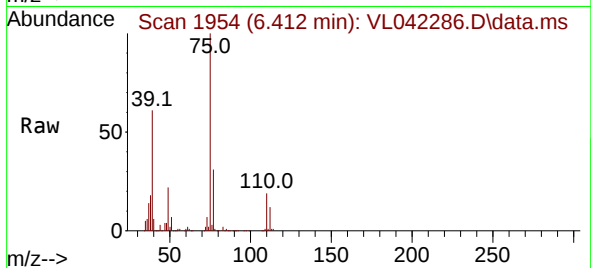
Tgt Ion: 57 Resp: 742388
Ion Ratio Lower Upper
57 100
41 36.2 26.8 40.2
56 33.5 25.6 38.4





#45
t-1,3-Dichloropropene
Concen: 8.231 ppbv
RT: 6.412 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

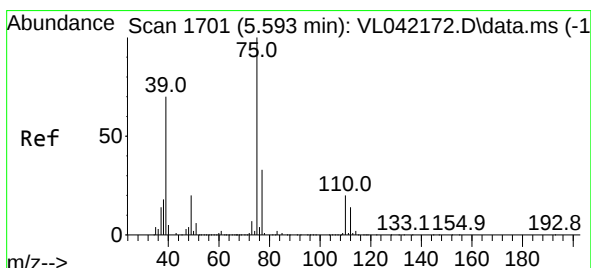
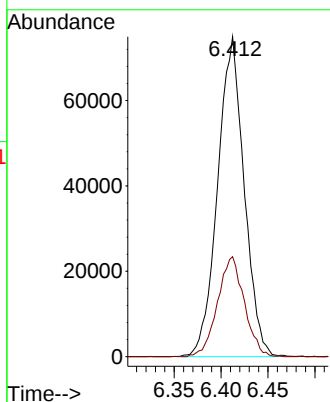
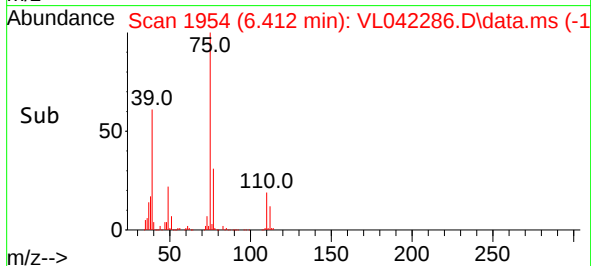
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 75 Resp: 147204
Ion Ratio Lower Upper
75 100
77 31.2 26.0 39.0

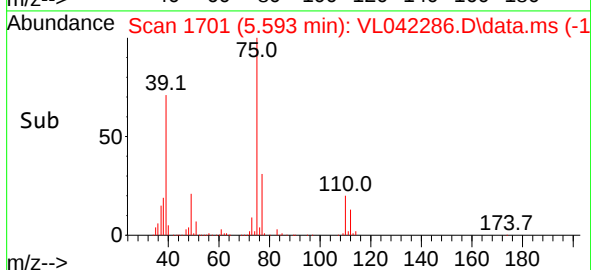
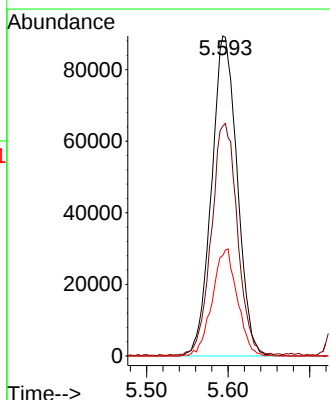
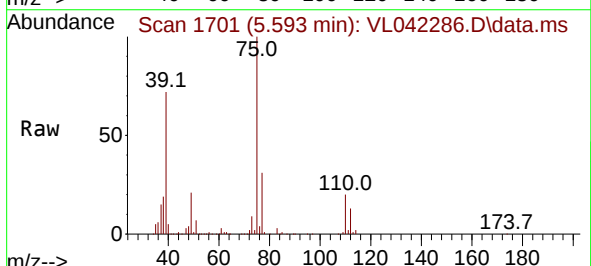
Manual Integrations
APPROVED

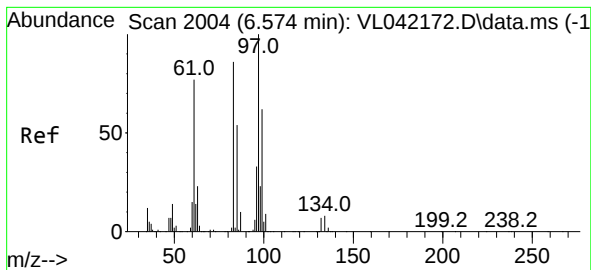
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#46
cis-1,3-Dichloropropene
Concen: 8.932 ppbv
RT: 5.593 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

Tgt Ion: 75 Resp: 195802
Ion Ratio Lower Upper
75 100
39 71.5 55.8 83.6
77 31.4 26.0 39.0





#47

1,1,2-Trichloroethane

Concen: 11.369 ppbv

RT: 6.574 min Scan# 2004

Delta R.T. 0.000 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 17234

Ion Ratio Lower Upper

97 100

83 82.8 69.2 103.8

85 52.5 43.1 64.7

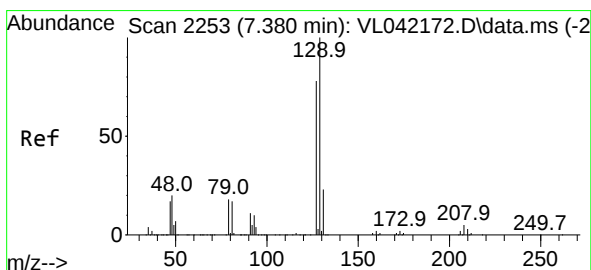
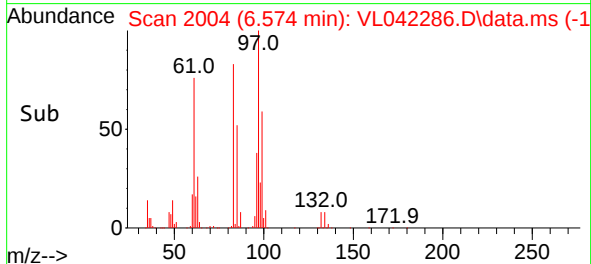
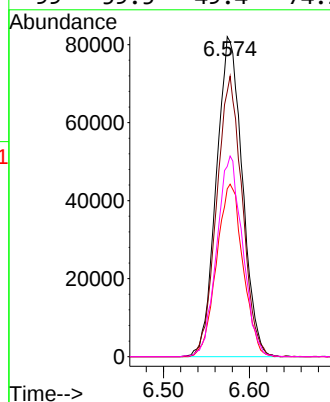
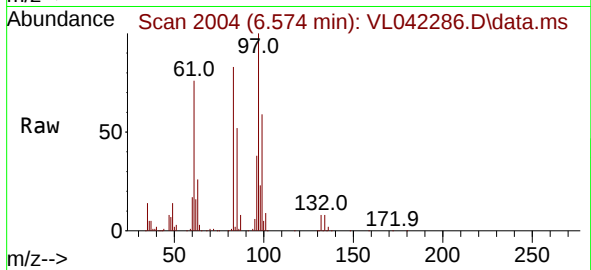
99 59.5 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#48

Dibromochloromethane

Concen: 10.907 ppbv

RT: 7.380 min Scan# 2253

Delta R.T. 0.000 min

Lab File: VL042286.D

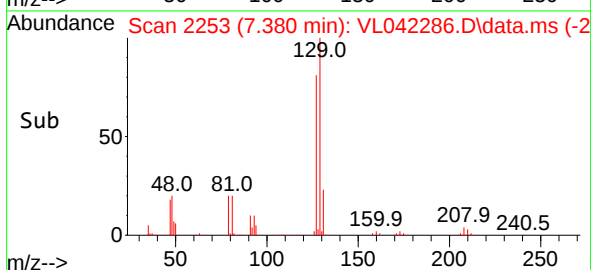
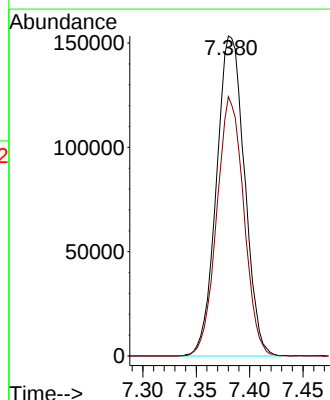
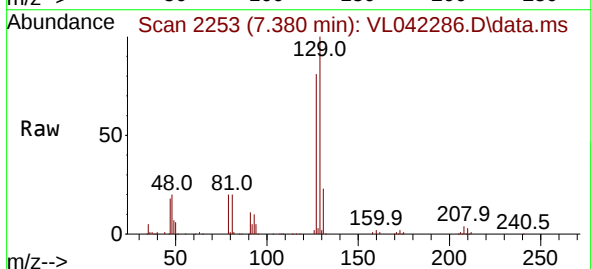
Acq: 09 Apr 2025 10:20

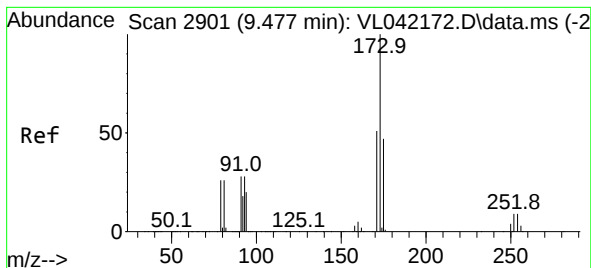
Tgt Ion:129 Resp: 280199

Ion Ratio Lower Upper

129 100

127 78.2 39.1 117.2





#49

Bromoform

Concen: 10.849 ppbv

RT: 9.481 min Scan# 2901

Delta R.T. 0.003 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

Instrument :

MSVOA_L

ClientSampleId :

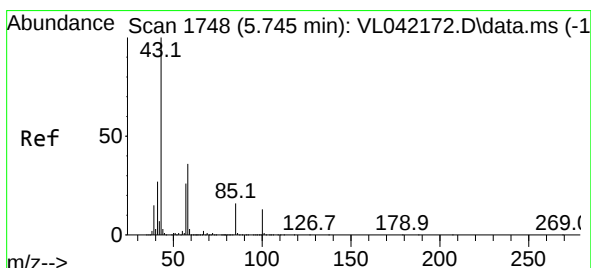
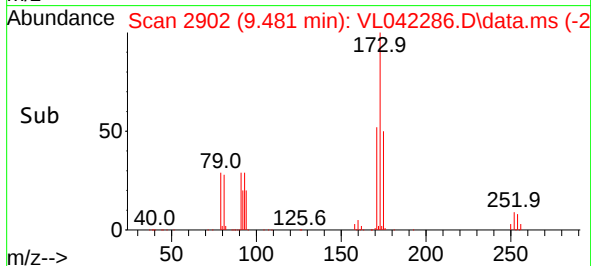
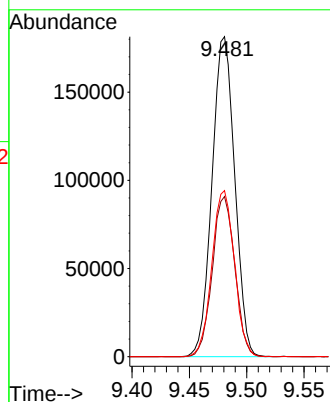
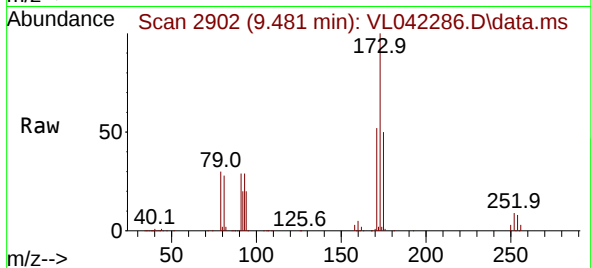
VSTDCCC010

Tgt Ion:173 Resp: 250227
 Ion Ratio Lower Upper
 173 100
 175 49.5 38.6 57.8
 171 51.5 41.8 62.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/10/2025
 Supervised By :Mahesh Dadoda 04/10/2025



#50

4-Methyl-2-Pentanone

Concen: 9.760 ppbv

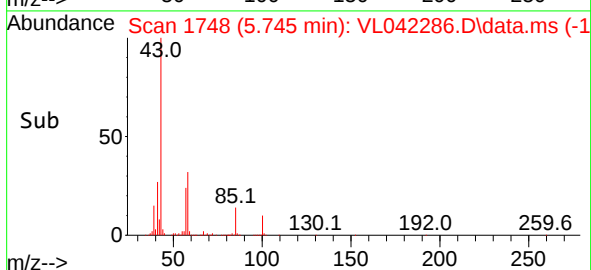
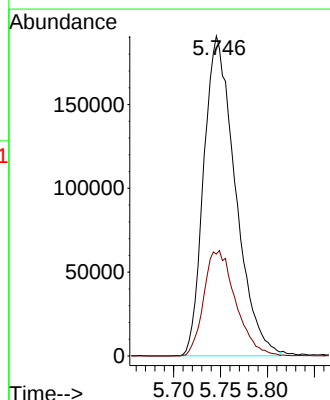
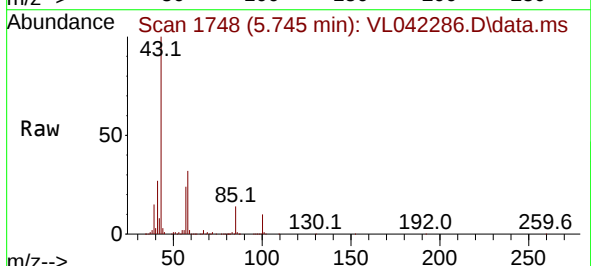
RT: 5.745 min Scan# 1748

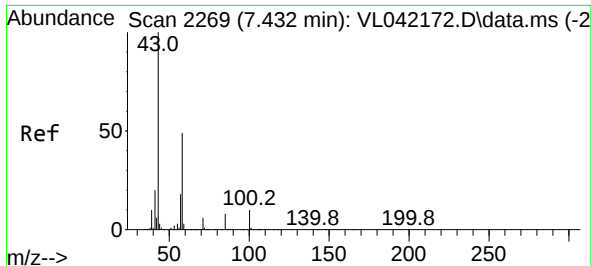
Delta R.T. 0.000 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

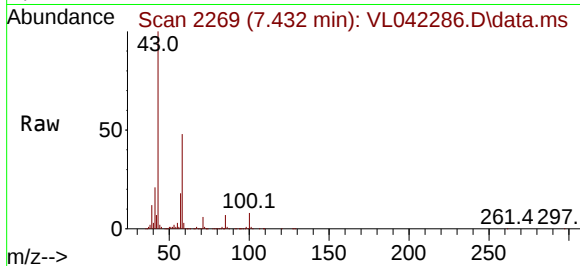
Tgt Ion: 43 Resp: 445454
 Ion Ratio Lower Upper
 43 100
 58 33.4 29.0 43.6





#51
2-Hexanone
Concen: 9.437 ppbv
RT: 7.432 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

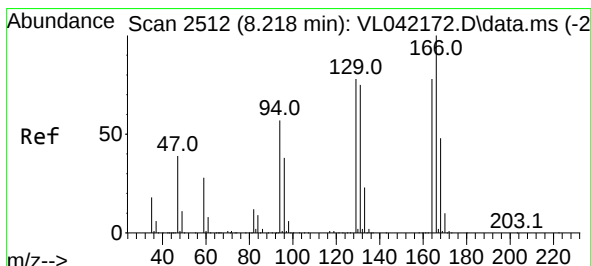
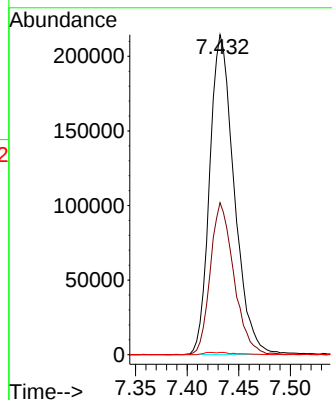
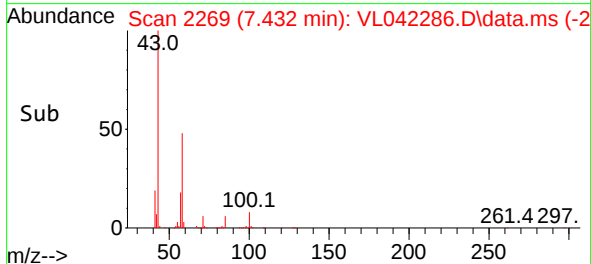
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



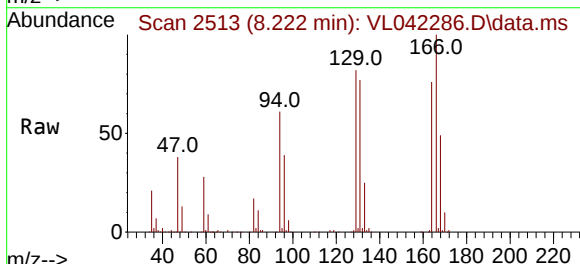
Tgt Ion: 43 Resp: 353700
Ion Ratio Lower Upper
43 100
58 45.8 39.7 59.5
98 0.9 0.1 0.1

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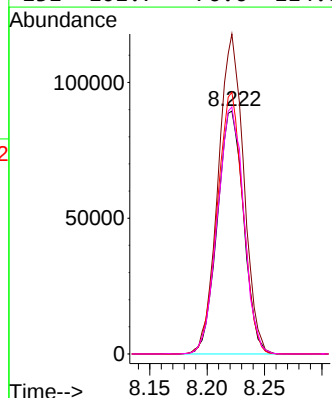
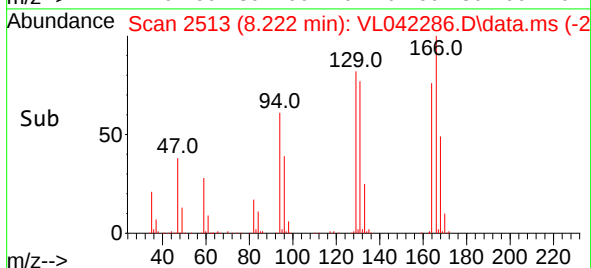
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

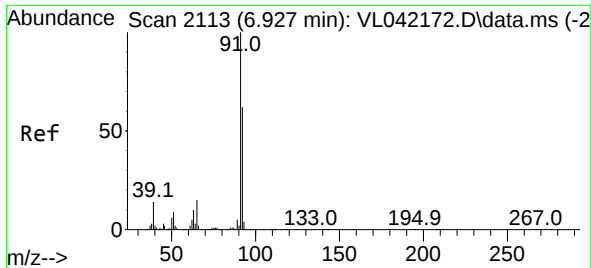


#52
Tetrachloroethene
Concen: 9.092 ppbv
RT: 8.222 min Scan# 2513
Delta R.T. 0.003 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20



Tgt Ion:164 Resp: 141976
Ion Ratio Lower Upper
164 100
166 131.7 102.5 153.7
129 107.7 79.8 119.8
131 101.7 76.6 114.8





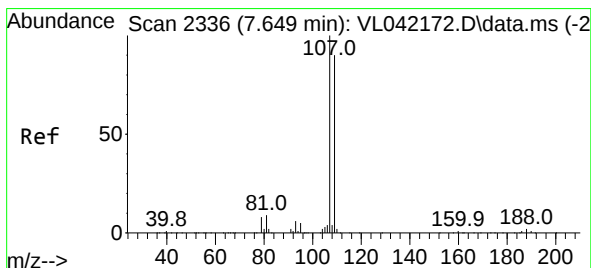
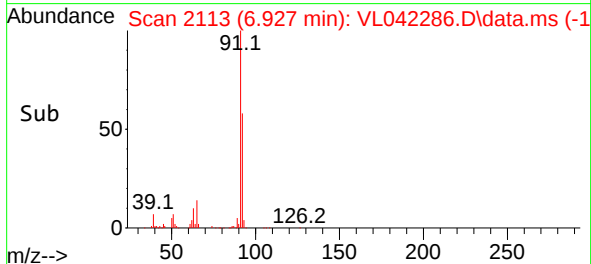
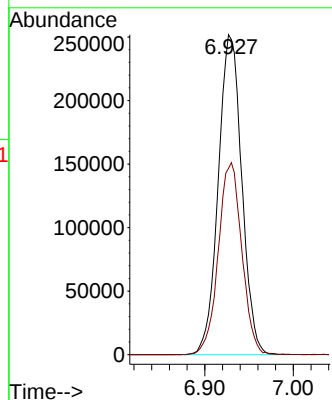
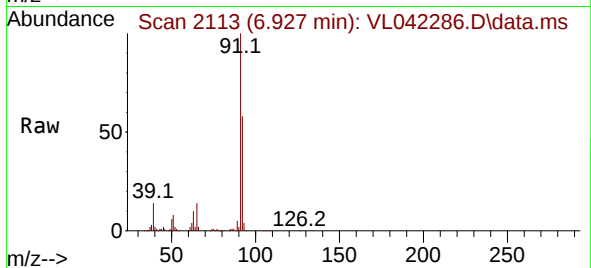
#53
Toluene
Concen: 9.961 ppbv
RT: 6.927 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 464948
Ion Ratio Lower Upper
91 100
92 60.0 48.4 72.6

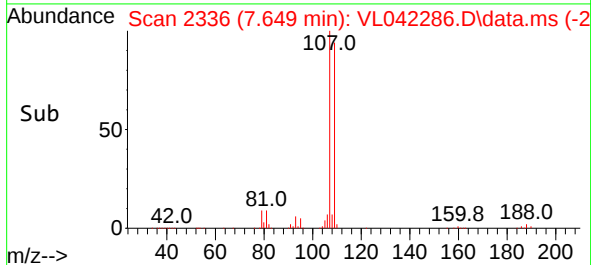
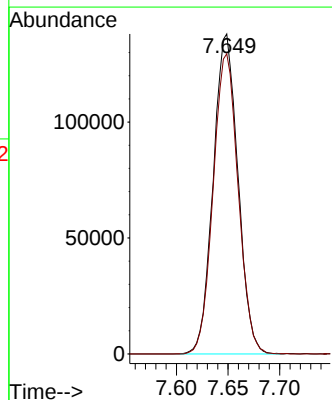
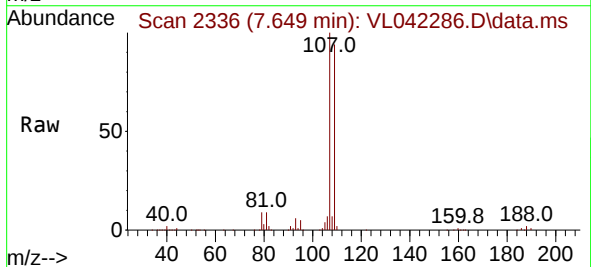
Manual Integrations
APPROVED

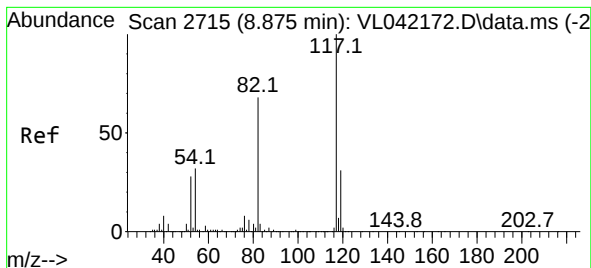
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#54
1,2-Dibromoethane
Concen: 10.871 ppbv
RT: 7.649 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

Tgt Ion:107 Resp: 229720
Ion Ratio Lower Upper
107 100
109 93.8 72.2 108.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.879 min Scan# 2715

Delta R.T. 0.003 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

Instrument :

MSVOA_L

ClientSampleId :

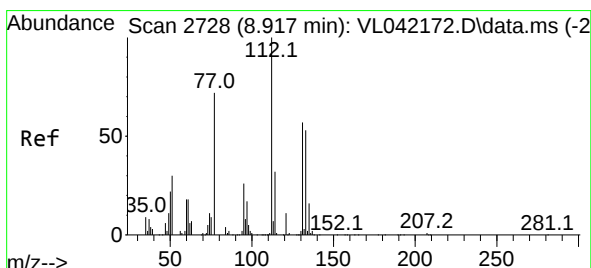
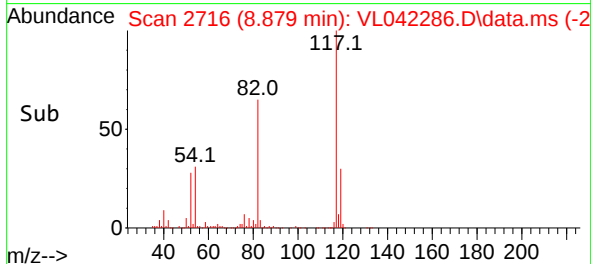
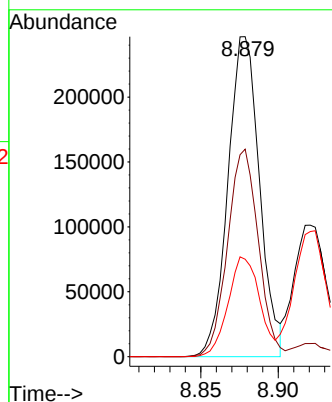
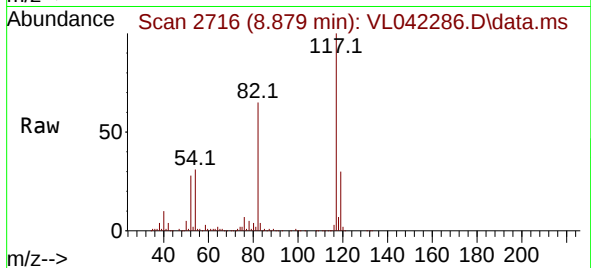
VSTDCCC010

Tgt Ion:	117	Resp:	350140
Ion Ratio	Lower	Upper	
117	100		
82	67.4	55.8	83.6
119	31.2	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#56

1,1,1,2-Tetrachloroethane

Concen: 11.987 ppbv

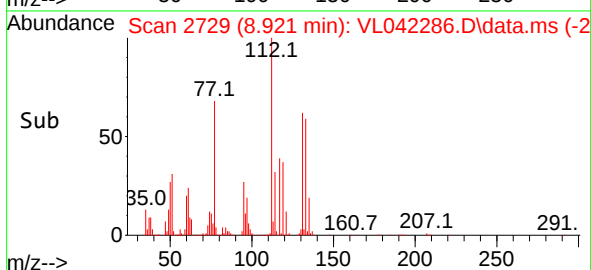
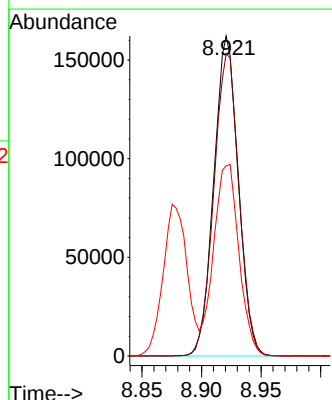
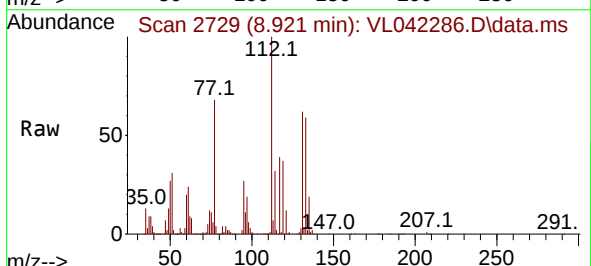
RT: 8.921 min Scan# 2729

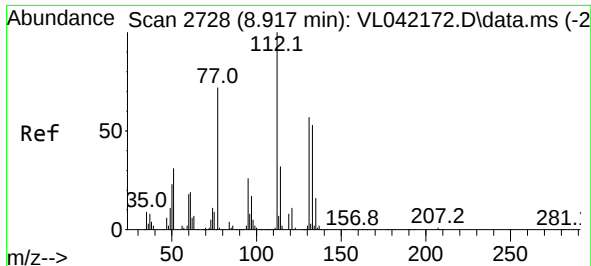
Delta R.T. 0.003 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

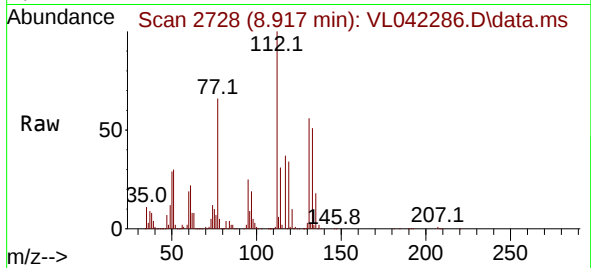
Tgt Ion:	131	Resp:	231041
Ion Ratio	Lower	Upper	
131	100		
133	97.4	76.6	114.8
119	63.2	49.8	74.6





#57
Chlorobenzene
Concen: 12.021 ppbv
RT: 8.917 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

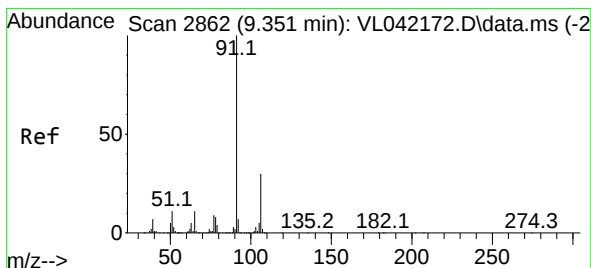
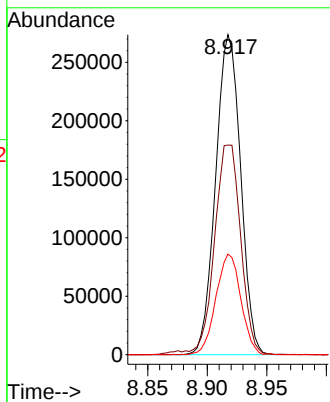
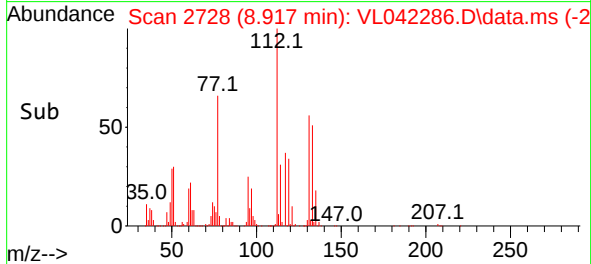
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 39922
Ion Ratio Lower Upper
112 100
77 65.3 58.2 87.2
114 31.4 29.1 35.5

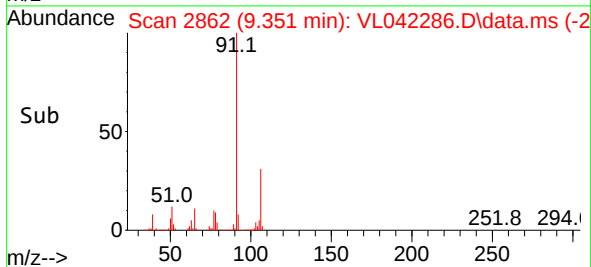
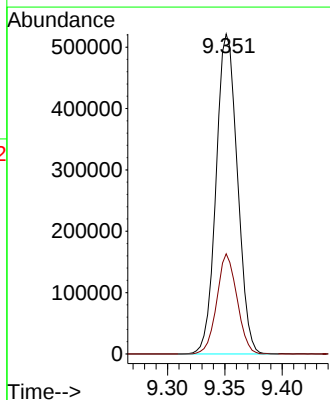
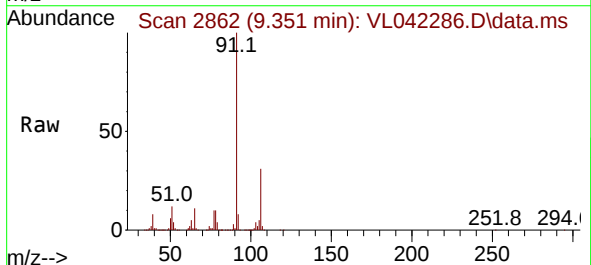
Manual Integrations
APPROVED

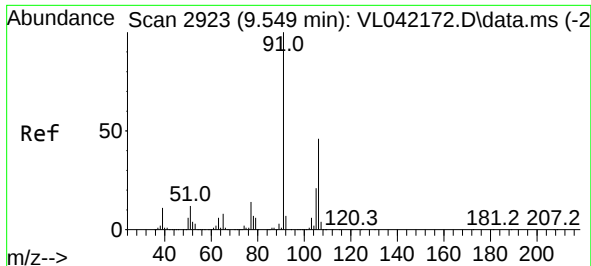
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#58
Ethyl Benzene
Concen: 10.834 ppbv
RT: 9.351 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

Tgt Ion: 91 Resp: 673801
Ion Ratio Lower Upper
91 100
106 31.3 24.2 36.2





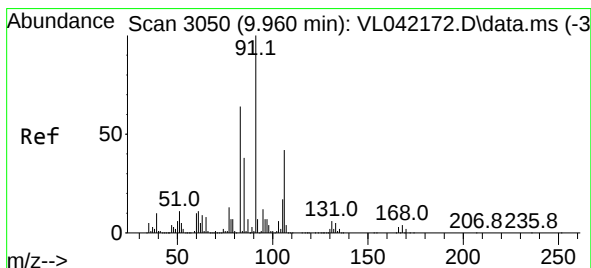
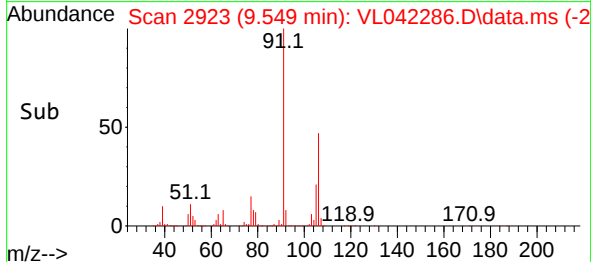
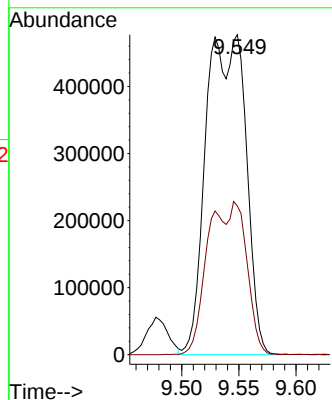
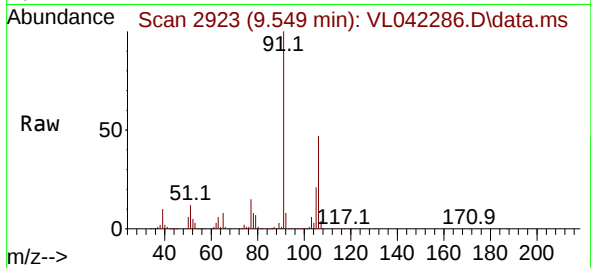
#59
m/p-Xylene
Concen: 23.379 ppbv m
RT: 9.549 min Scan# 2923
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 116106
Ion Ratio Lower Upper
91 100
106 46.5 36.4 54.6

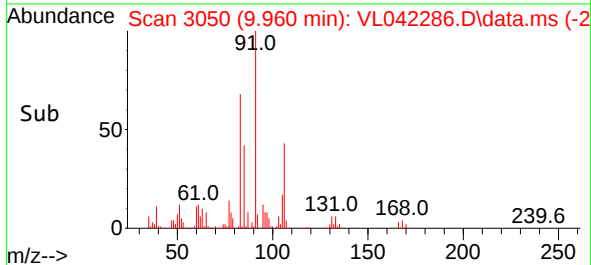
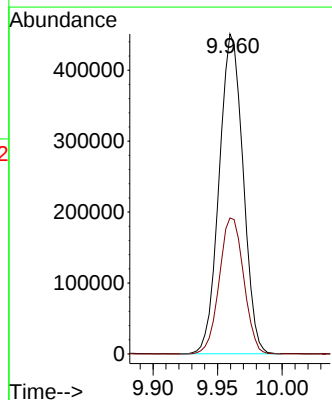
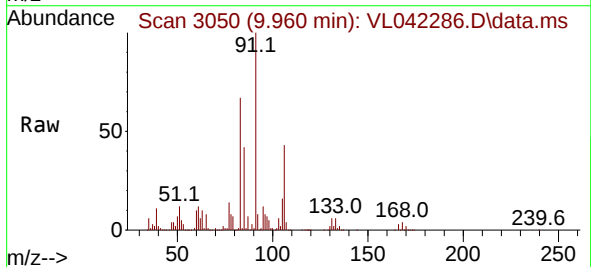
Manual Integrations
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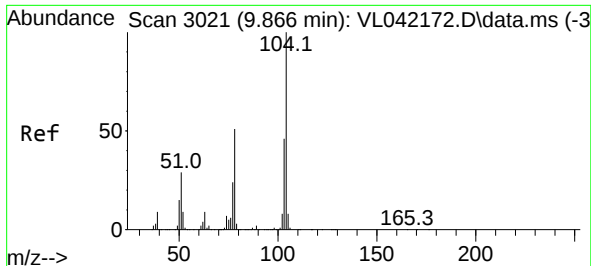
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#60
o-Xylene
Concen: 11.671 ppbv
RT: 9.960 min Scan# 3050
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

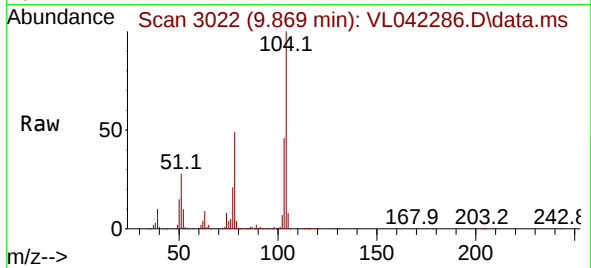
Tgt Ion: 91 Resp: 581045
Ion Ratio Lower Upper
91 100
106 43.4 20.8 62.5





#61
Styrene
Concen: 10.212 ppbv
RT: 9.869 min Scan# 3021
Delta R.T. 0.003 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

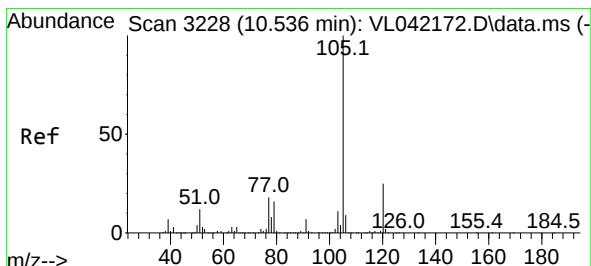
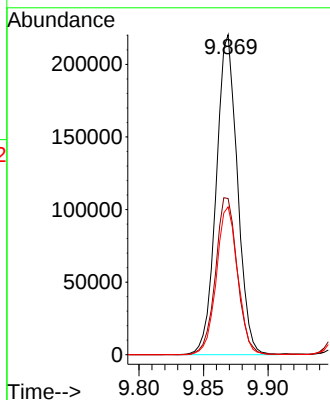
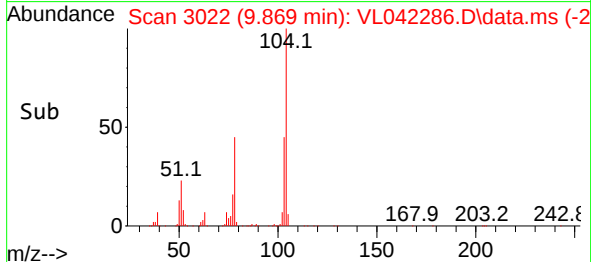
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



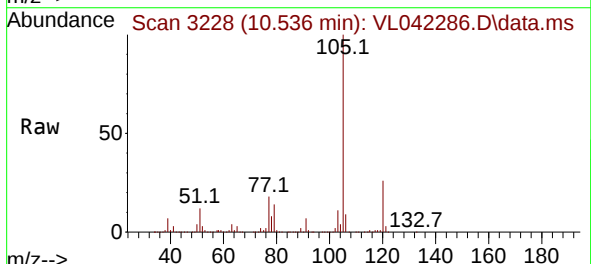
Tgt Ion:104 Resp: 25152
Ion Ratio Lower Upper
104 100
78 50.4 41.8 62.6
103 46.7 37.0 55.4

Manual Integrations
APPROVED

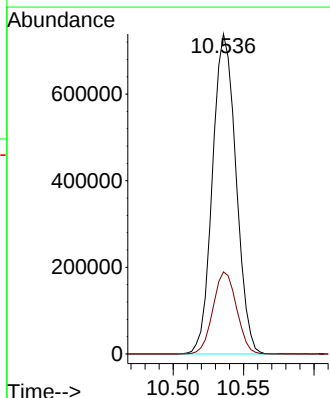
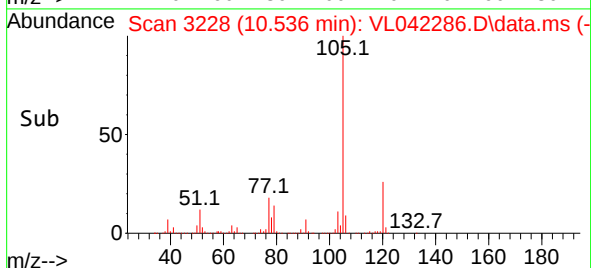
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

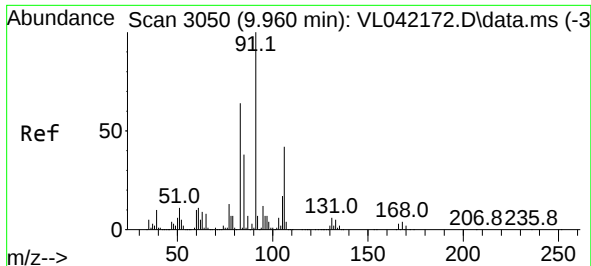


#62
Isopropylbenzene
Concen: 11.538 ppbv
RT: 10.536 min Scan# 3228
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20



Tgt Ion:105 Resp: 859013
Ion Ratio Lower Upper
105 100
120 25.6 19.9 29.9





#63

1,1,2,2-Tetrachloroethane

Concen: 12.623 ppbv

RT: 9.960 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 38184

Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.4

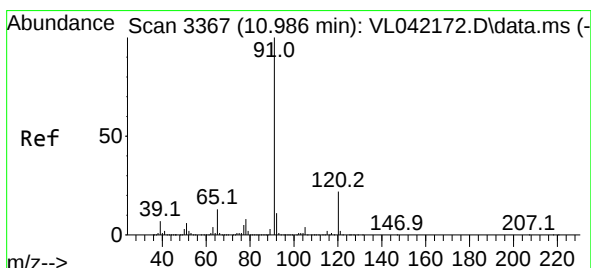
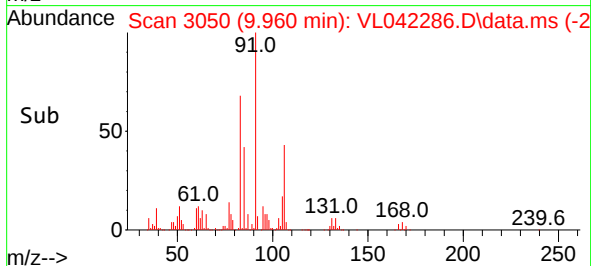
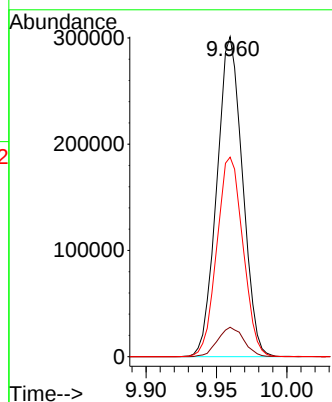
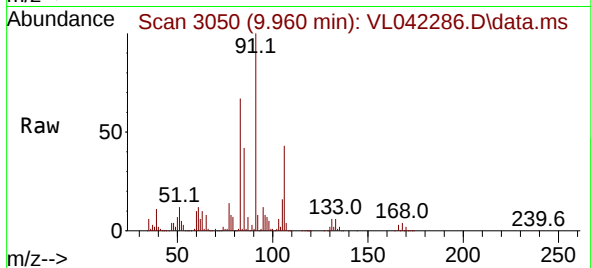
85 63.7 32.5 97.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#64

n-propylbenzene

Concen: 11.925 ppbv

RT: 10.986 min Scan# 3367

Delta R.T. 0.000 min

Lab File: VL042286.D

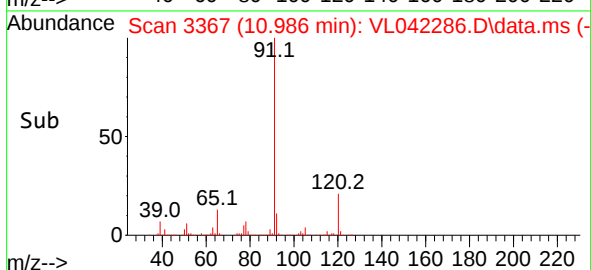
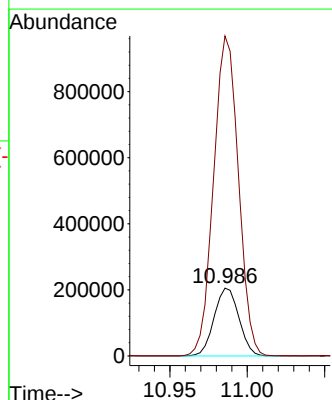
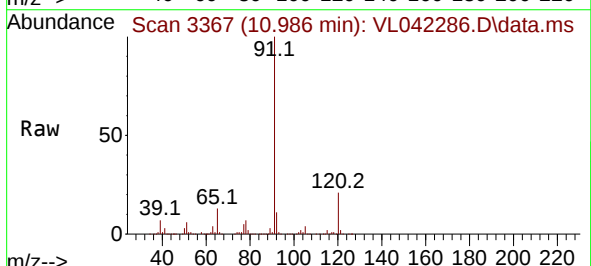
Acq: 09 Apr 2025 10:20

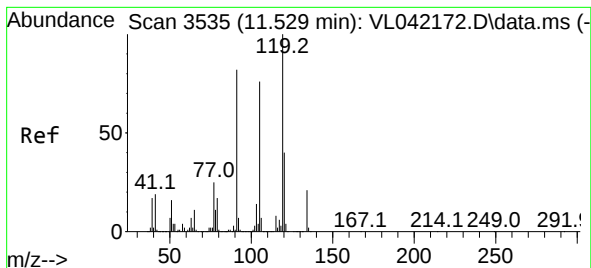
Tgt Ion:120 Resp: 228532

Ion Ratio Lower Upper

120 100

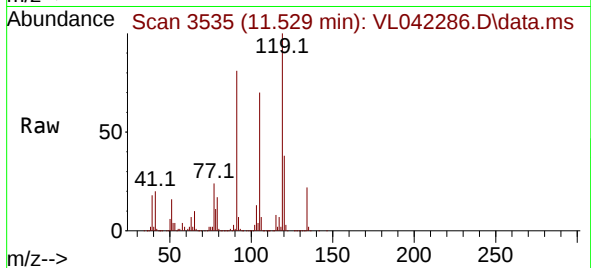
91 472.2 376.9 565.3





#65
tert-Butylbenzene
Concen: 11.393 ppbv
RT: 11.529 min Scan# 3535
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

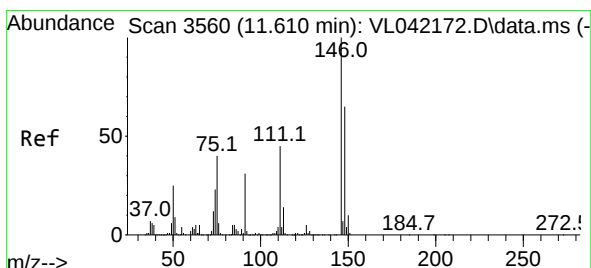
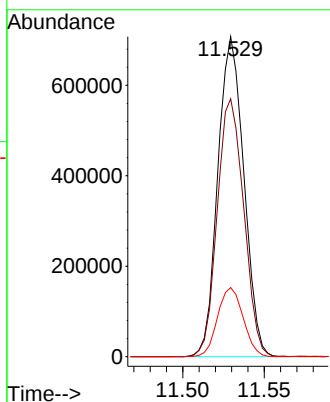
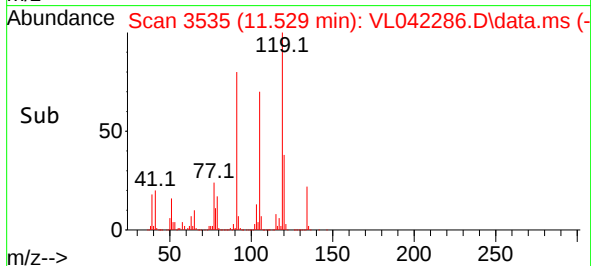
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



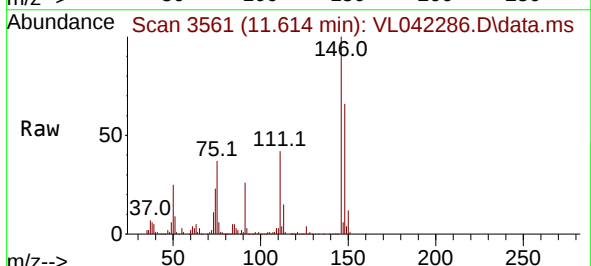
Tgt Ion: 119 Resp: 78448
Ion Ratio Lower Upper
119 100
91 82.1 66.0 99.0
134 21.2 16.7 25.1

Manual Integrations
APPROVED

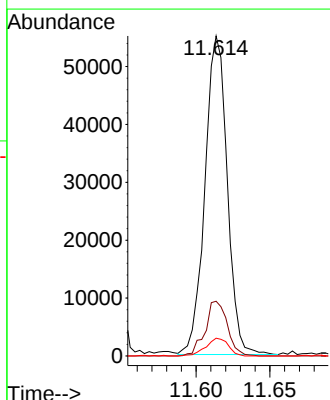
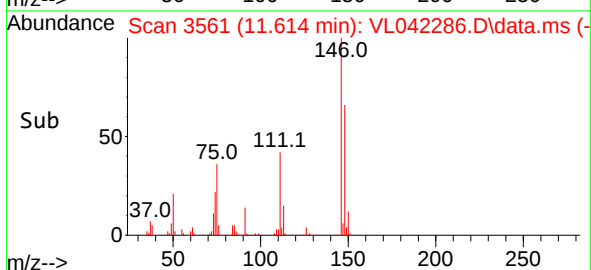
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

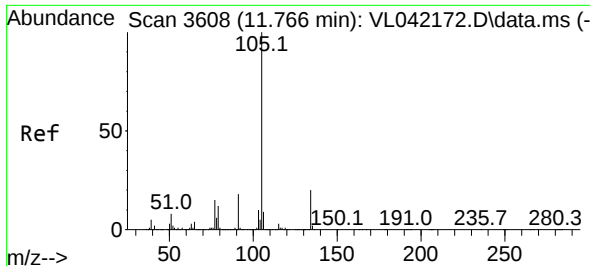


#66
Benzyl Chloride
Concen: 7.934 ppbv
RT: 11.614 min Scan# 3561
Delta R.T. 0.003 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20



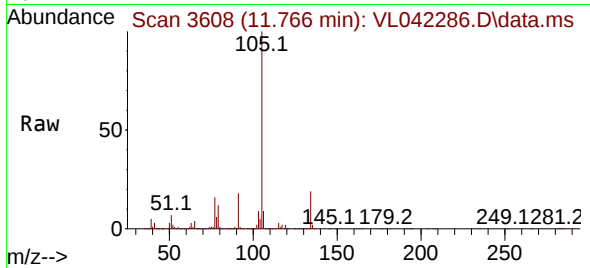
Tgt Ion: 91 Resp: 57966
Ion Ratio Lower Upper
91 100
126 17.0 13.8 20.6
128 5.7 4.5 6.7





#67
 sec-Butylbenzene
 Concen: 11.787 ppbv
 RT: 11.766 min Scan# 3608
 Delta R.T. 0.000 min
 Lab File: VL042286.D
 Acq: 09 Apr 2025 10:20

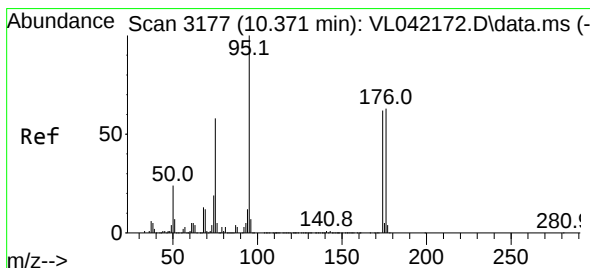
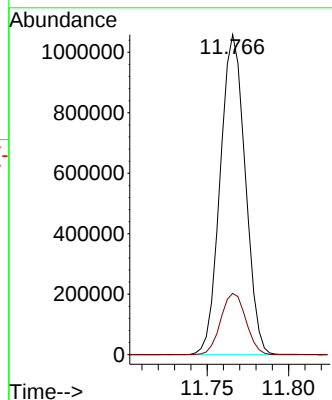
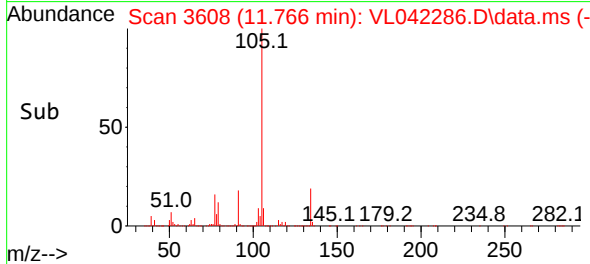
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



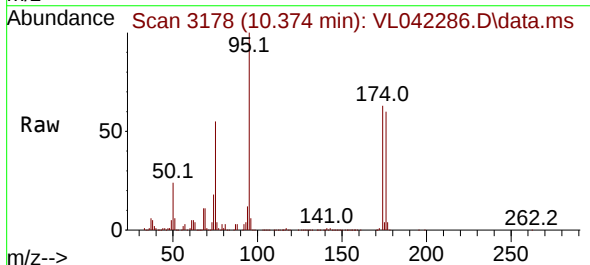
Tgt Ion: 105 Resp: 1128100
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.5 23.3

Manual Integrations
 APPROVED

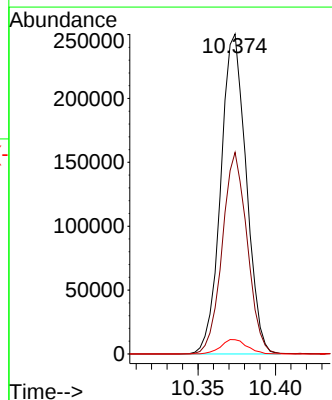
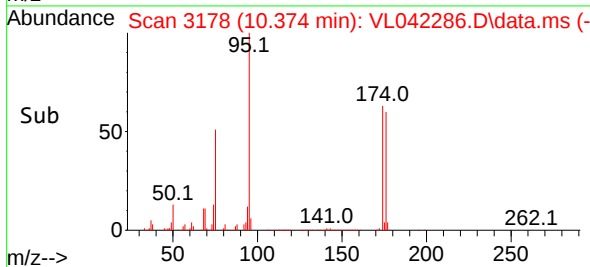
Reviewed By : Semsettin Yesilyurt 04/10/2025
 Supervised By : Mahesh Dadoda 04/10/2025

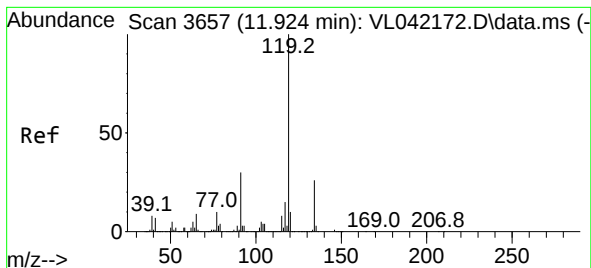


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.930 ppbv
 RT: 10.374 min Scan# 3178
 Delta R.T. 0.003 min
 Lab File: VL042286.D
 Acq: 09 Apr 2025 10:20



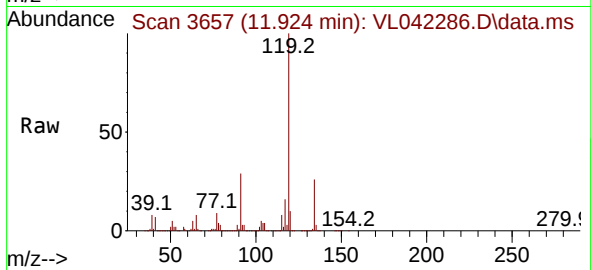
Tgt Ion: 95 Resp: 285515
 Ion Ratio Lower Upper
 95 100
 174 61.9 50.6 76.0
 175 4.7 3.8 5.6





#69
p-Isopropyltoluene
Concen: 11.669 ppbv
RT: 11.924 min Scan# 3657
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

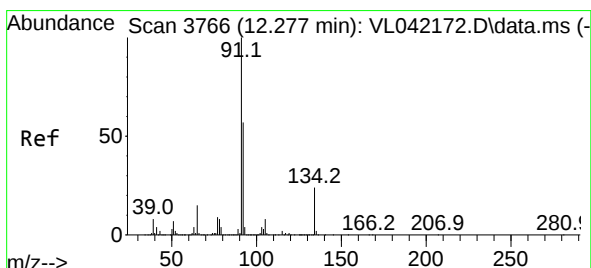
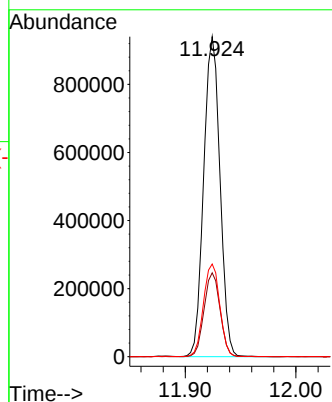
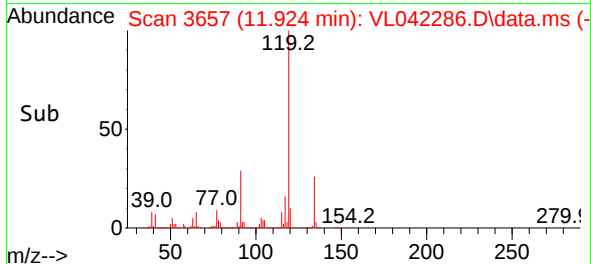
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



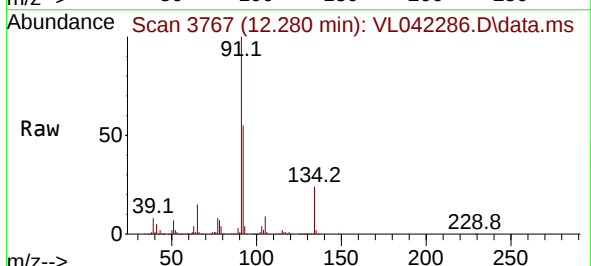
Tgt Ion: 119 Resp: 961623
Ion Ratio Lower Upper
119 100
134 25.8 20.4 30.6
91 29.2 23.7 35.5

Manual Integrations
APPROVED

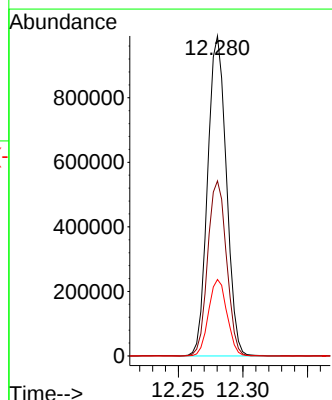
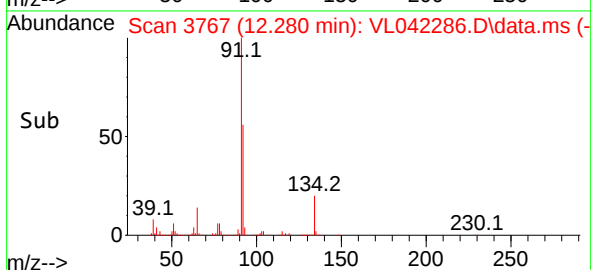
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

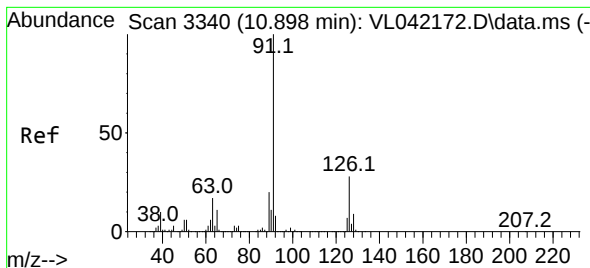


#70
n-Butylbenzene
Concen: 11.847 ppbv
RT: 12.280 min Scan# 3767
Delta R.T. 0.003 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20



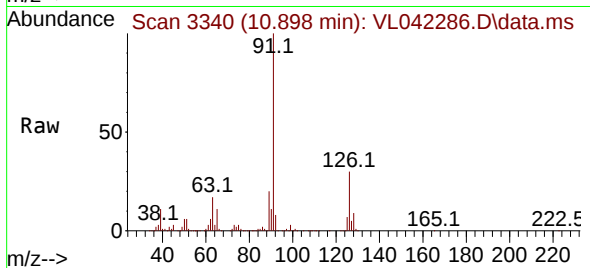
Tgt Ion: 91 Resp: 998455
Ion Ratio Lower Upper
91 100
92 55.0 44.9 67.3
134 23.6 19.2 28.8





#71
2-Chlorotoluene
Concen: 11.323 ppbv
RT: 10.898 min Scan# 3340
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

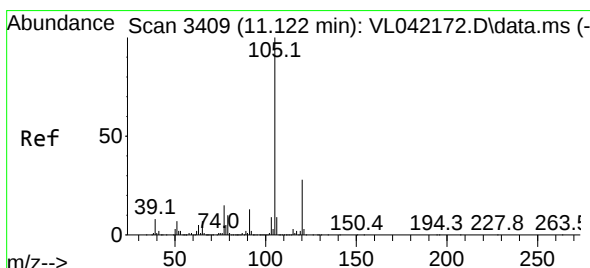
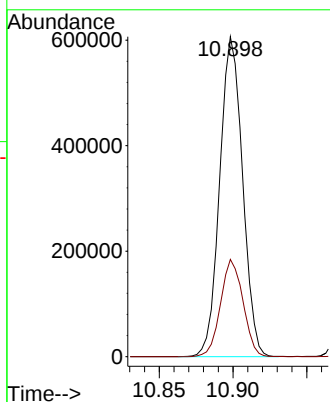
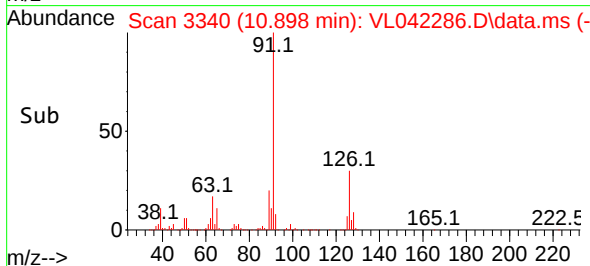
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



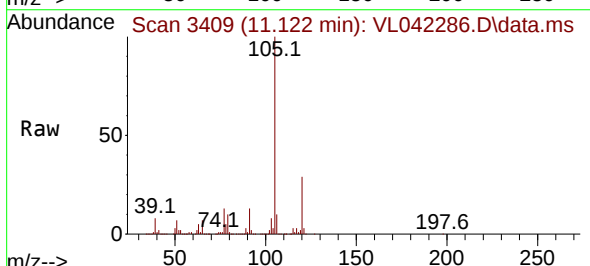
Tgt Ion: 91 Resp: 654270
Ion Ratio Lower Upper
91 100
126 29.8 11.6 46.4

Manual Integrations
APPROVED

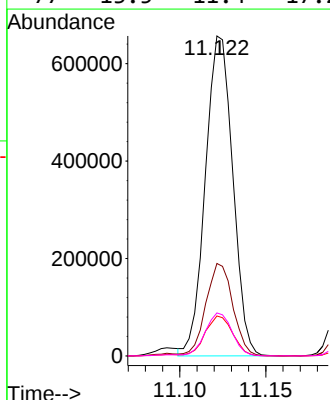
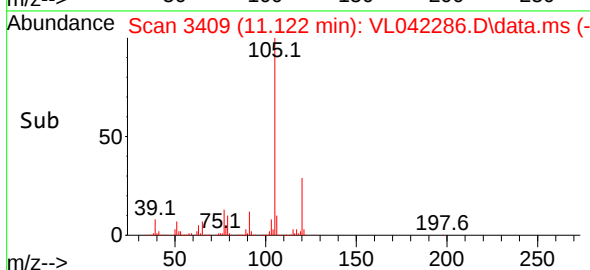
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

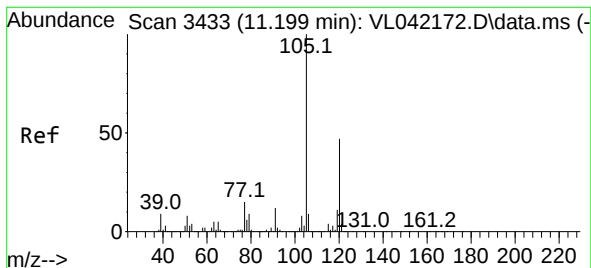


#72
4-Ethyltoluene
Concen: 11.753 ppbv
RT: 11.122 min Scan# 3409
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20



Tgt Ion:105 Resp: 728517
Ion Ratio Lower Upper
105 100
120 29.1 23.4 35.0
91 12.8 10.3 15.5
77 13.5 11.4 17.2





#73

1,3,5-Trimethylbenzene

Concen: 11.460 ppbv

RT: 11.202 min Scan# 3433

Delta R.T. 0.003 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 62041

Ion Ratio Lower Upper

105 100

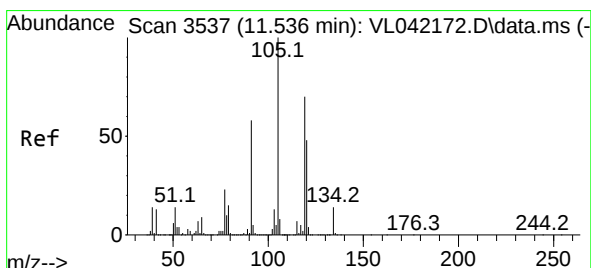
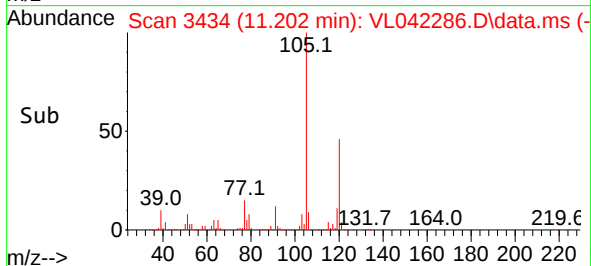
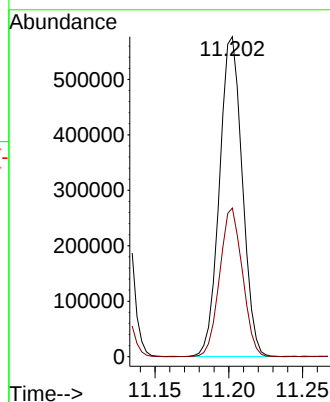
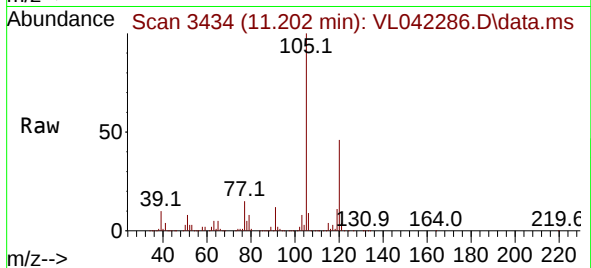
120 46.4 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#74

1,2,4-Trimethylbenzene

Concen: 11.371 ppbv

RT: 11.536 min Scan# 3537

Delta R.T. 0.000 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

Tgt Ion:105 Resp: 709204

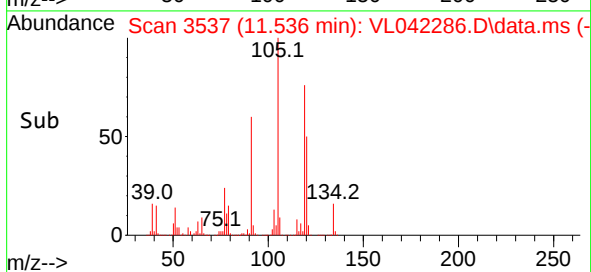
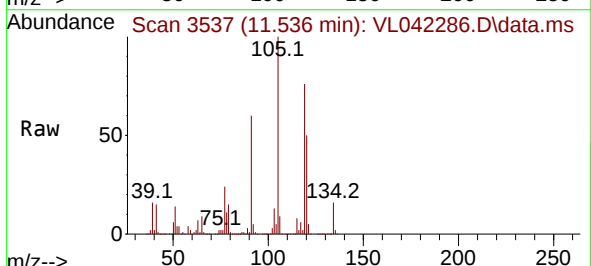
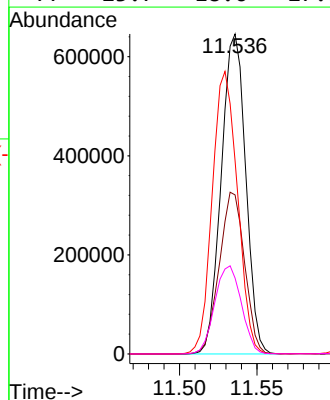
Ion Ratio Lower Upper

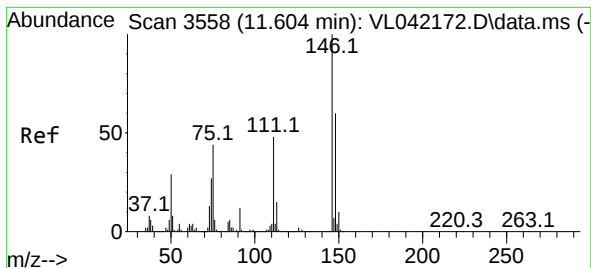
105 100

120 49.7 38.6 58.0

91 60.3 46.2 69.2

77 23.7 18.6 27.8





#75

1,3-Dichlorobenzene

Concen: 12.462 ppbv

RT: 11.607 min Scan# 3558

Delta R.T. 0.003 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

Instrument :

MSVOA_L

ClientSampleId :

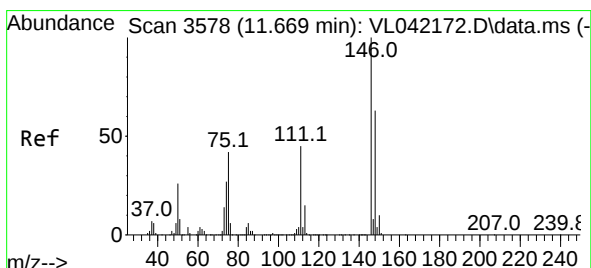
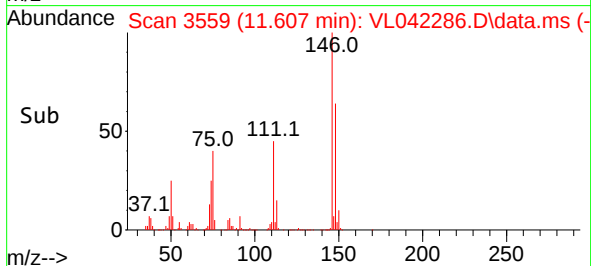
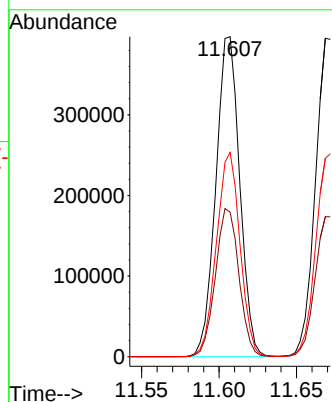
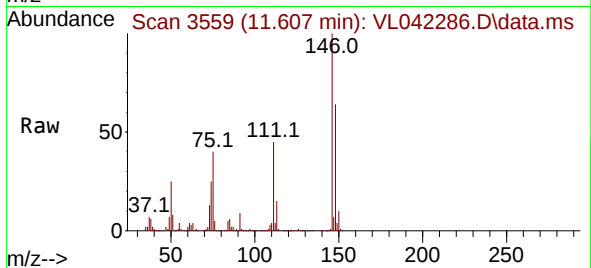
VSTDCCC010

Tgt Ion:146	Resp: 426300
Ion Ratio	Lower Upper
146 100	
111 45.6	23.8 71.2
148 63.0	31.9 95.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#76

1,4-Dichlorobenzene

Concen: 12.442 ppbv

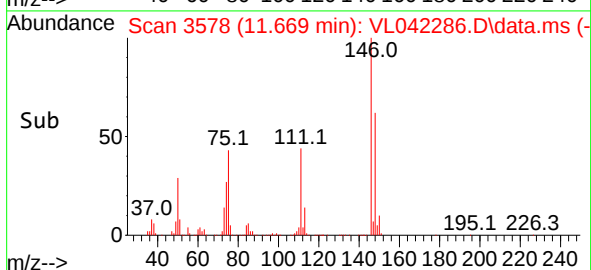
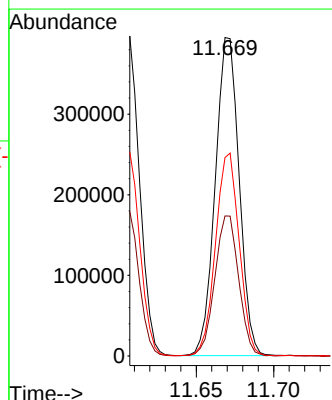
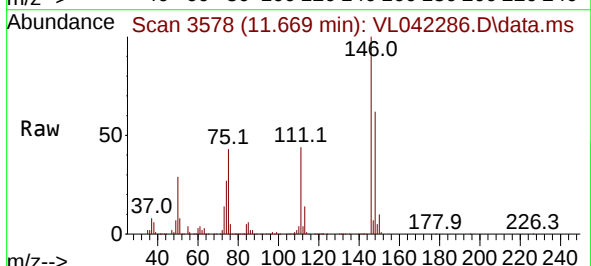
RT: 11.669 min Scan# 3578

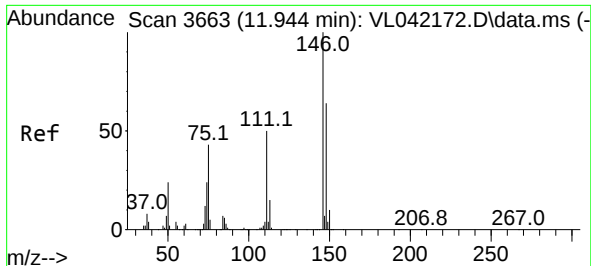
Delta R.T. 0.000 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

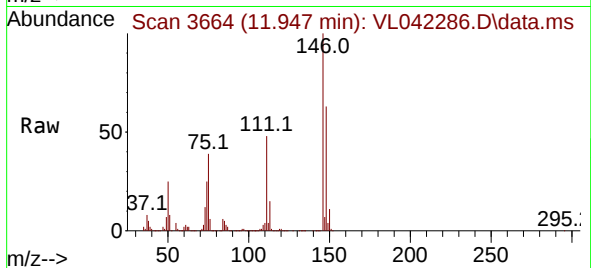
Tgt Ion:146	Resp: 423561
Ion Ratio	Lower Upper
146 100	
111 44.2	23.0 69.0
148 63.4	31.9 95.7





#77
1,2-Dichlorobenzene
Concen: 12.589 ppbv
RT: 11.947 min Scan# 3664
Delta R.T. 0.003 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

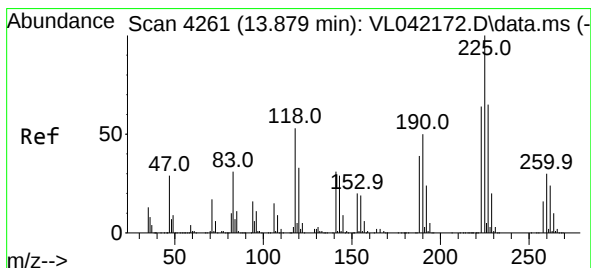
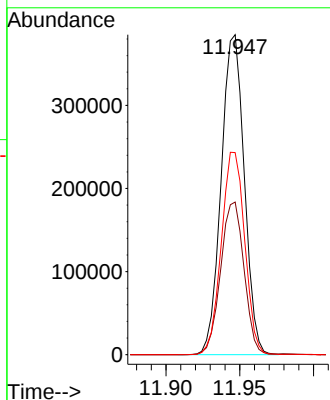
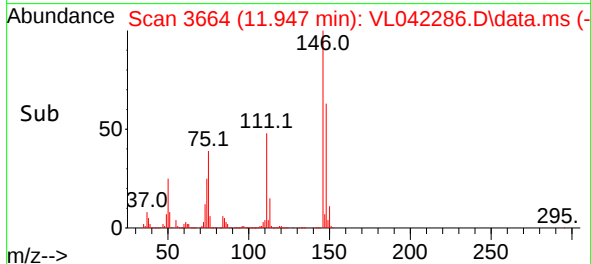
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



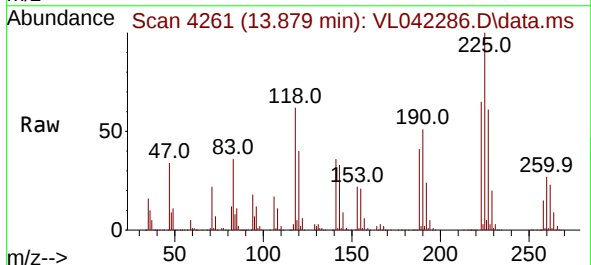
Tgt Ion:146 Resp: 419286
Ion Ratio Lower Upper
146 100
111 48.5 24.8 74.3
148 64.3 31.6 94.8

Manual Integrations
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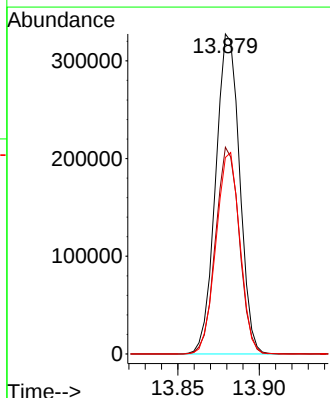
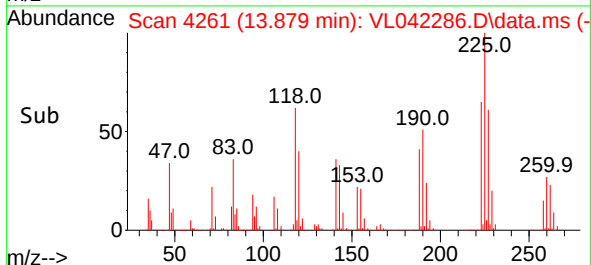
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

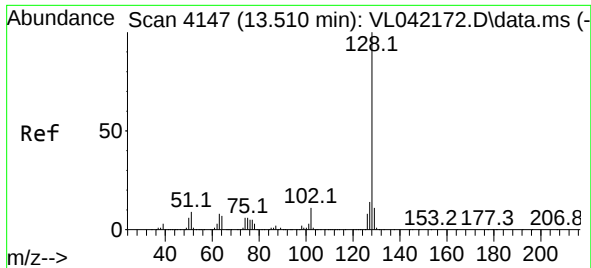


#78
Hexachloro-1,3-Butadiene
Concen: 9.864 ppbv
RT: 13.879 min Scan# 4261
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20



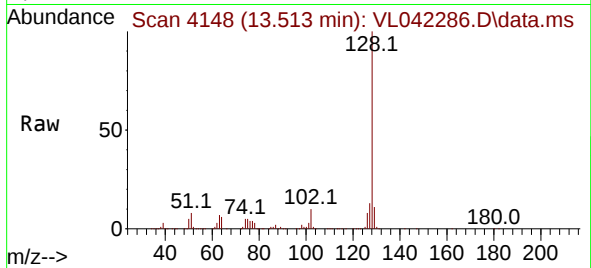
Tgt Ion:225 Resp: 334414
Ion Ratio Lower Upper
225 100
223 63.9 50.6 76.0
227 62.8 51.2 76.8





#79
Naphthalene
Concen: 11.851 ppbv
RT: 13.513 min Scan# 4147
Delta R.T. 0.003 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

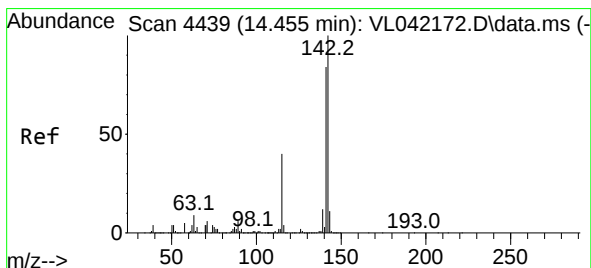
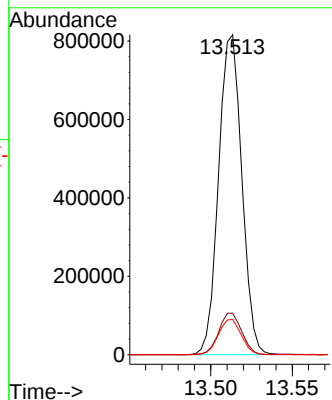
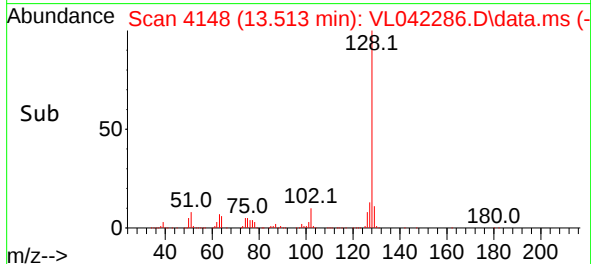
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



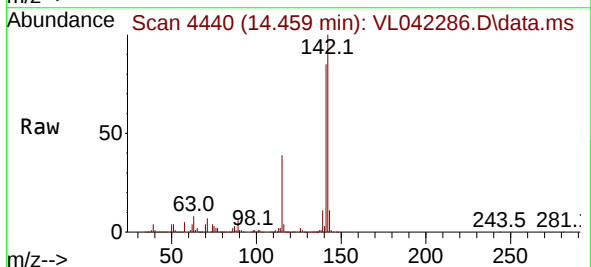
Tgt Ion:128 Resp: 808459
Ion Ratio Lower Upper
128 100
127 12.9 10.8 16.2
129 11.0 9.0 13.4

Manual Integrations
APPROVED

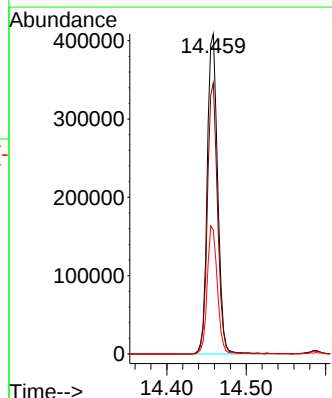
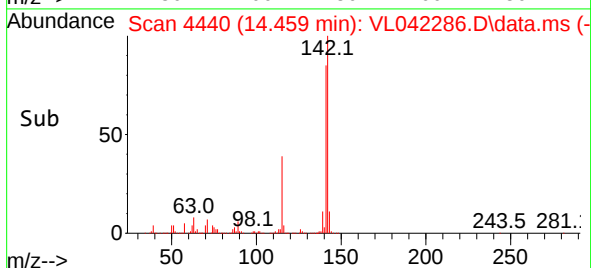
Reviewed By :Semsettin Yesilyurt 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

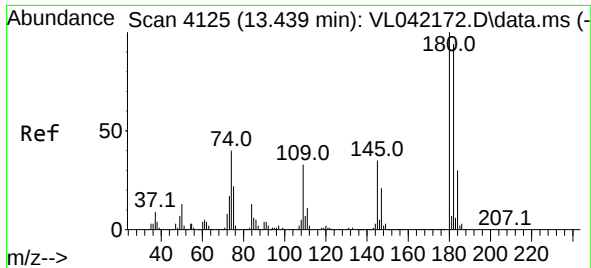


#80
Naphthalene,2-methyl-
Concen: 11.158 ppbv
RT: 14.459 min Scan# 4440
Delta R.T. 0.003 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20



Tgt Ion:142 Resp: 373298
Ion Ratio Lower Upper
142 100
141 82.9 66.3 99.5
115 39.2 31.6 47.4





#81

1,2,4-Trichlorobenzene

Concen: 11.305 ppbv

RT: 13.439 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042286.D

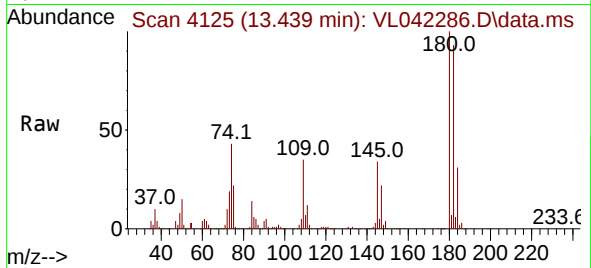
Acq: 09 Apr 2025 10:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 35574

Ion Ratio Lower Upper

180 100

182 93.9 75.1 112.7

184 30.3 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025

