

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050625\
 Data File : VL042487.D
 Acq On : 06 May 2025 09:00
 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 05/07/2025
 Supervised By : Mahesh Dadoda 05/09/2025

Quant Time: May 07 01:35:37 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M

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

QLast Update : Fri May 02 03:16:31 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.791	49	69320	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	188157	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	161366	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.381 95 165339 11.051 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 110.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	131525	11.466	ppbv	96
3) Chlorodifluoromethane	1.477	51	119859	9.883	ppbv	98
4) Chloromethane	1.535	50	51848	10.814	ppbv	91
5) Vinyl Chloride	1.580	62	47536	9.847	ppbv	95
6) Bromomethane	1.667	94	25689	11.263	ppbv	99
7) Chloroethane	1.706	64	18985	10.651	ppbv	97
8) Dichlorotetrafluoroethane	1.554	85	105839	11.192	ppbv	97
9) Propene	1.486	41	34471	8.689	ppbv	96
10) Heptane	4.982	43	103210	10.030	ppbv	96
11) Trichlorofluoromethane	1.878	101	123855	11.700	ppbv	98
12) 1,1,2-Trichlorotrifluoro...	2.140	101	93934	11.114	ppbv	98
13) Ethanol	1.722	45	6351	7.889	ppbv	98
14) Bromoethene	1.784	108	36335	11.645	ppbv	92
15) Acetone	1.836	43	111680	8.825	ppbv	99
16) 1,3-Butadiene	1.609	39	55608	9.963	ppbv	95
17) tert-Butyl alcohol	2.043	59	118491	10.628	ppbv	97
18) 1,1-Dichloroethene	2.036	96	41887	10.614	ppbv	98
19) Isopropyl Alcohol	1.888	45	69030	9.856	ppbv	100
20) Methylene Chloride	2.062	84	37393	9.829	ppbv	97
21) Allyl Chloride	2.098	41	84167	10.342	ppbv	97
22) trans-1,2-Dichloroethene	2.341	96	47256	10.253	ppbv	95
23) Vinyl Acetate	2.464	43	118463	9.809	ppbv	97
24) 1,1-Dichloroethane	2.409	63	100156	10.651	ppbv	99
25) Ethyl Acetate	2.839	43	201213	9.931	ppbv	99
26) Hexane	2.826	57	88211	9.993	ppbv	97
27) Carbon Disulfide	2.150	76	120690	11.716	ppbv	93
28) Methyl tert-Butyl Ether	2.441	73	51653	9.740	ppbv	98
29) Chloroform	2.852	83	172606	10.435	ppbv	93
30) Cyclohexane	3.859	84	74929	10.153	ppbv	98
31) cis-1,2-Dichloroethene	2.723	61	97864	9.503	ppbv	93
32) 1,1,1-Trichloroethane	3.370	97	182668	10.179	ppbv	99
34) 2-Butanone	2.561	43	131262	9.645	ppbv	97
35) Carbon Tetrachloride	3.765	117	190178	11.127	ppbv	100
36) Benzene	3.661	78	181690	10.233	ppbv	99
37) 1,2-Dichloroethane	3.221	62	146010	10.669	ppbv	98
38) Trichloroethene	4.555	130	71976	10.630	ppbv	90
39) 1,2-Dichloropropane	4.322	63	63612	9.570	ppbv #	87
40) 1,4-Dioxane	4.590	88	29247	9.396	ppbv #	100
41) Tetrahydrofuran	3.059	42	64241	9.932	ppbv	98
42) Bromodichloromethane	4.496	83	185825	11.113	ppbv	91
43) Methyl Methacrylate	4.891	69	72618	10.960	ppbv	96
44) 2,2,4-Trimethylpentane	4.645	57	311522	10.824	ppbv	99
45) t-1,3-Dichloropropene	6.422	75	93178	10.719	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050625\
 Data File : VL042487.D
 Acq On : 06 May 2025 09:00
 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 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025

Quant Time: May 07 01:35:37 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M

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

QLast Update : Fri May 02 03:16:31 2025

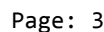
Response via : Initial Calibration

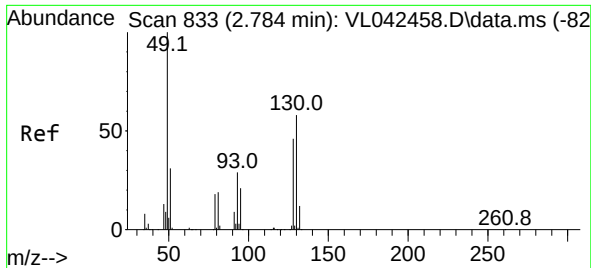
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.606	75	108203	10.473	ppbv	95
47) 1,1,2-Trichloroethane	6.587	97	75237	10.320	ppbv	93
48) Dibromochloromethane	7.393	129	134135	10.899	ppbv	99
49) Bromoform	9.490	173	119371	11.565	ppbv	98
50) 4-Methyl-2-Pentanone	5.759	43	177017	10.283	ppbv	96
51) 2-Hexanone	7.442	43	141871	10.308	ppbv	99
52) Tetrachloroethene	8.228	164	63220	9.354	ppbv	86
53) Toluene	6.940	91	205094	10.913	ppbv	99
54) 1,2-Dibromoethane	7.659	107	117565	10.548	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.934	131	104985	11.016	ppbv	98
57) Chlorobenzene	8.927	112	169084	10.428	ppbv	92
58) Ethyl Benzene	9.361	91	308243	11.431	ppbv	100
59) m/p-Xylene	9.555	91	540767m	23.920	ppbv	
60) o-Xylene	9.969	91	271925	12.013	ppbv	99
61) Styrene	9.876	104	99907	11.828	ppbv	97
62) Isopropylbenzene	10.546	105	384743	11.784	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.969	83	167724	10.748	ppbv	99
64) n-propylbenzene	10.992	120	91898	11.517	ppbv	95
65) tert-Butylbenzene	11.536	119	349935	12.010	ppbv	98
66) Benzyl Chloride	11.620	91	43100	12.798	ppbv	99
67) sec-Butylbenzene	11.772	105	496533	11.992	ppbv	99
69) p-Isopropyltoluene	11.931	119	416243	11.931	ppbv	99
70) n-Butylbenzene	12.287	91	437958	12.144	ppbv	100
71) 2-Chlorotoluene	10.905	91	303775	11.862	ppbv	100
72) 4-Ethyltoluene	11.131	105	331569	12.424	ppbv	99
73) 1,3,5-Trimethylbenzene	11.209	105	287473	12.248	ppbv	98
74) 1,2,4-Trimethylbenzene	11.542	105	324889	11.441	ppbv	94
75) 1,3-Dichlorobenzene	11.610	146	175086	11.074	ppbv	99
76) 1,4-Dichlorobenzene	11.675	146	178127	11.906	ppbv	98
77) 1,2-Dichlorobenzene	11.950	146	170747	11.034	ppbv	100
78) Hexachloro-1,3-Butadiene	13.886	225	152349	9.859	ppbv	99
79) Naphthalene	13.517	128	292585	12.239	ppbv	97
80) Naphthalene,2-methyl-	14.462	142	225180	12.673	ppbv	99
81) 1,2,4-Trichlorobenzene	13.446	180	142121	11.147	ppbv	98

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

Manual Integrations

Quant Time: May 07 01:35:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Fri May 02 03:16:31 2025
Response via : Initial Calibration





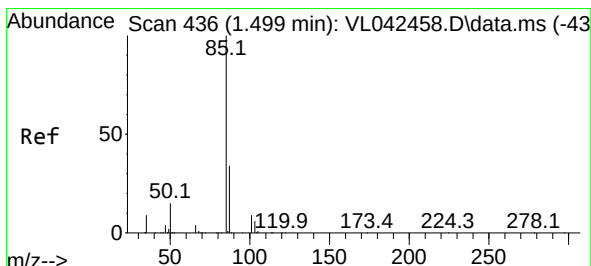
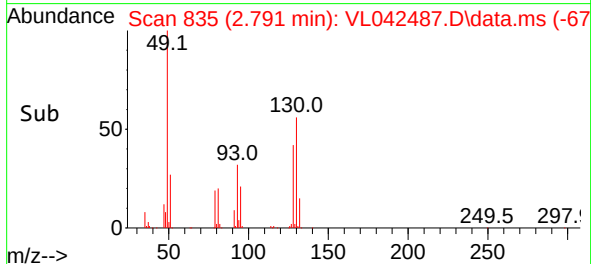
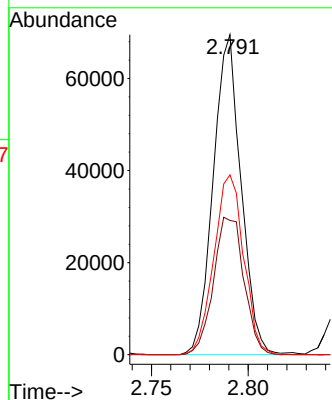
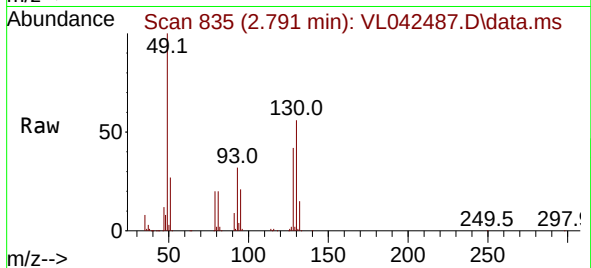
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.791 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 69320
Ion Ratio Lower Upper
49 100
128 47.1 23.3 69.9
130 60.4 29.5 88.6

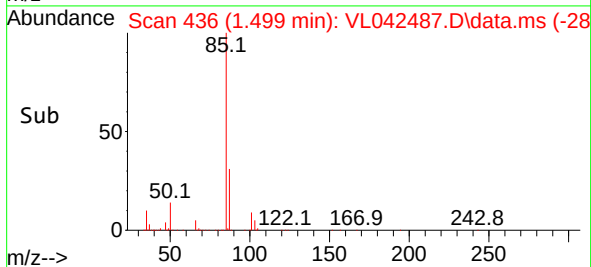
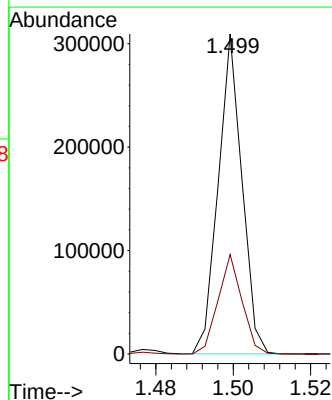
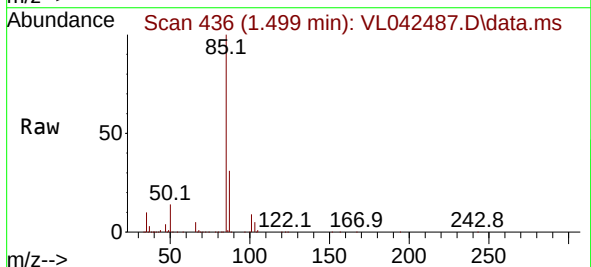
Manual Integrations
APPROVED

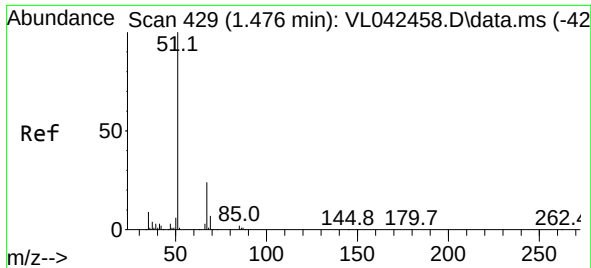
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#2
Dichlorodifluoromethane
Concen: 11.466 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

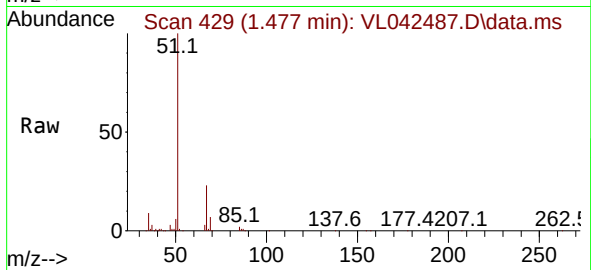
Tgt Ion: 85 Resp: 131525
Ion Ratio Lower Upper
85 100
87 31.1 26.9 40.3





#3
Chlorodifluoromethane
Concen: 9.883 ppbv
RT: 1.477 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

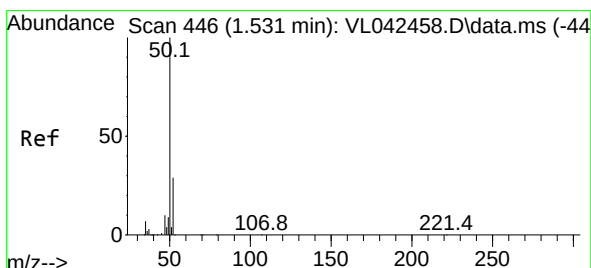
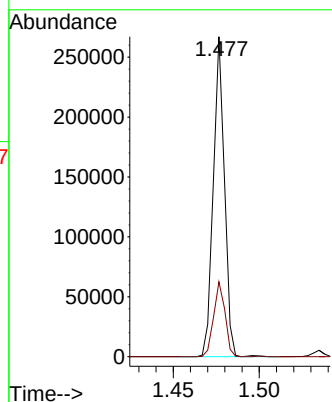
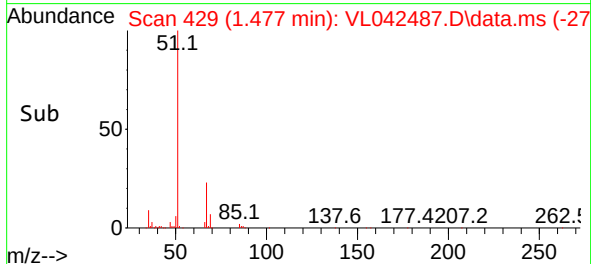
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



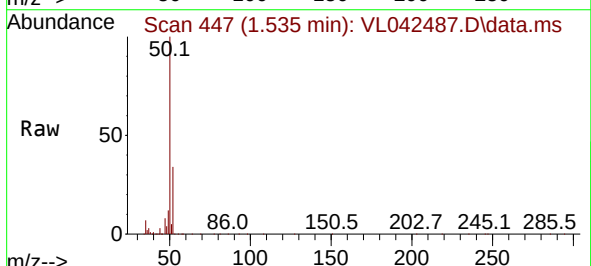
Tgt Ion: 51 Resp: 119859
Ion Ratio Lower Upper
51 100
67 23.9 18.4 27.6

Manual Integrations
APPROVED

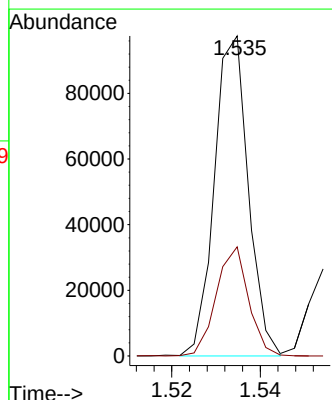
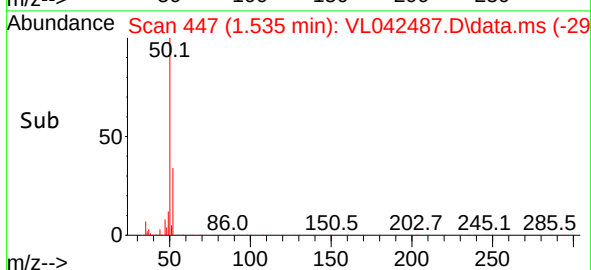
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

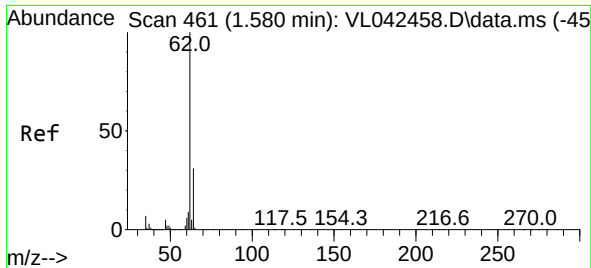


#4
Chloromethane
Concen: 10.814 ppbv
RT: 1.535 min Scan# 447
Delta R.T. 0.004 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00



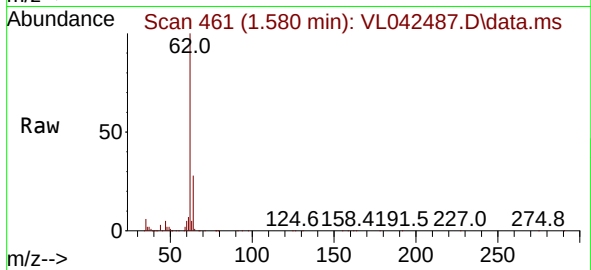
Tgt Ion: 50 Resp: 51848
Ion Ratio Lower Upper
50 100
52 34.1 23.5 35.3





#5
 Vinyl Chloride
 Concen: 9.847 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.000 min
 Lab File: VL042487.D
 Acq: 06 May 2025 09:00

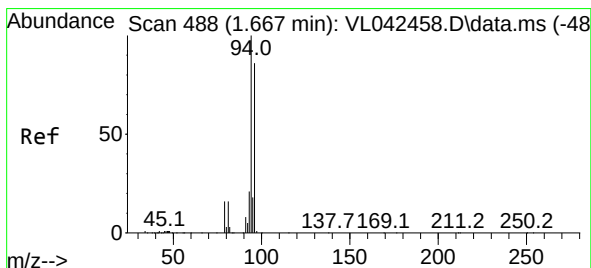
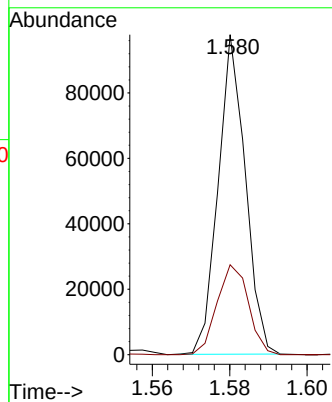
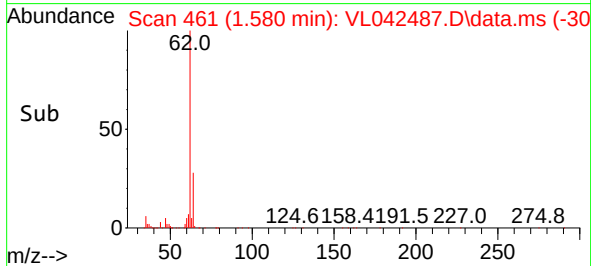
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



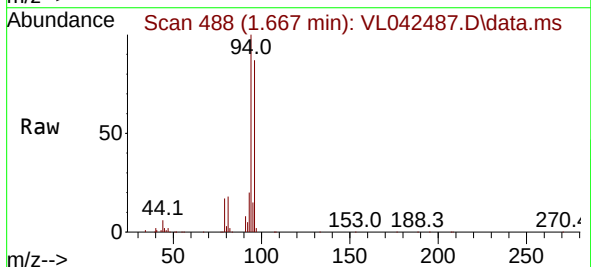
Tgt Ion: 62 Resp: 47530
 Ion Ratio Lower Upper
 62 100
 64 28.1 24.9 37.3

Manual Integrations
 APPROVED

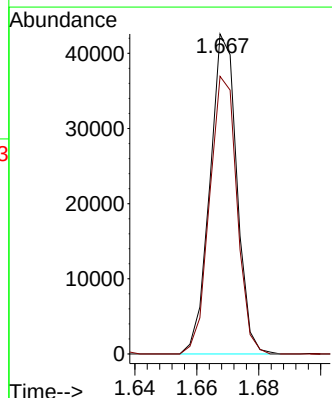
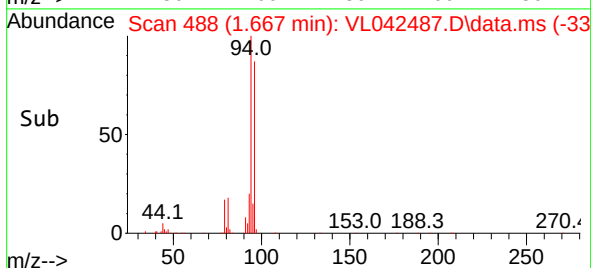
Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025

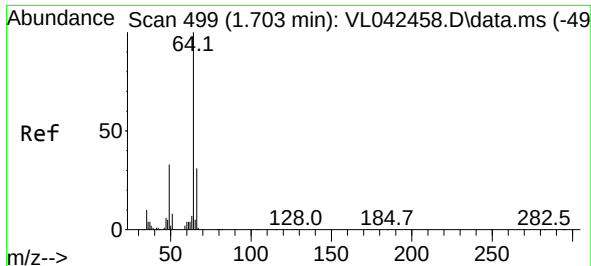


#6
 Bromomethane
 Concen: 11.263 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VL042487.D
 Acq: 06 May 2025 09:00



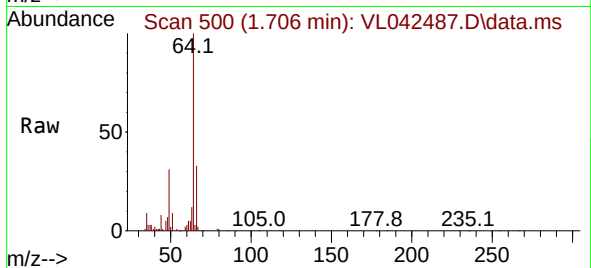
Tgt Ion: 94 Resp: 25689
 Ion Ratio Lower Upper
 94 100
 96 86.7 68.8 103.2





#7
Chloroethane
Concen: 10.651 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.004 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

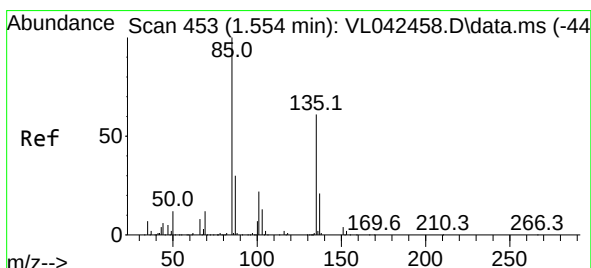
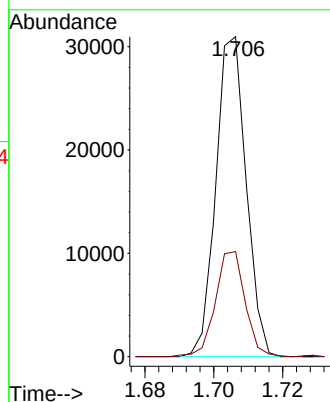
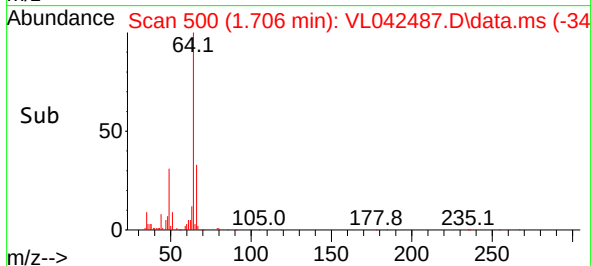
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 1898
Ion Ratio Lower Upper
64 100
66 32.8 25.0 37.4

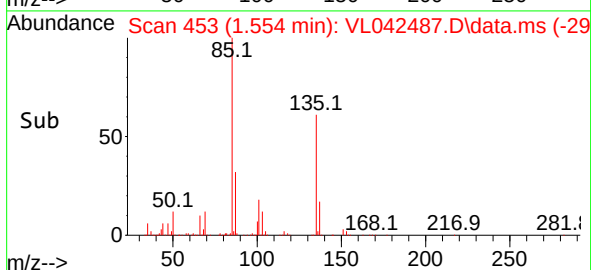
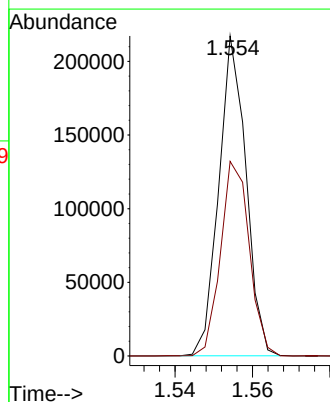
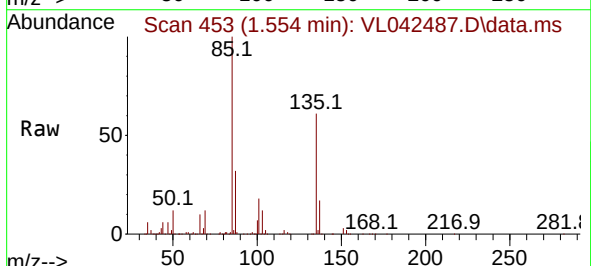
Manual Integrations
APPROVED

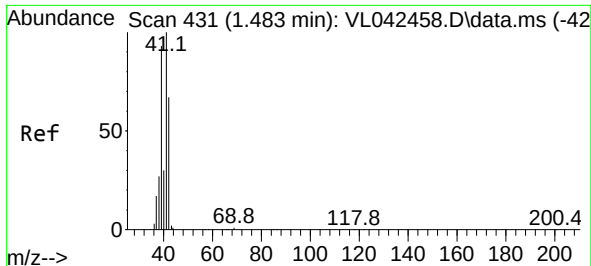
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#8
Dichlorotetrafluoroethane
Concen: 11.192 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.000 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

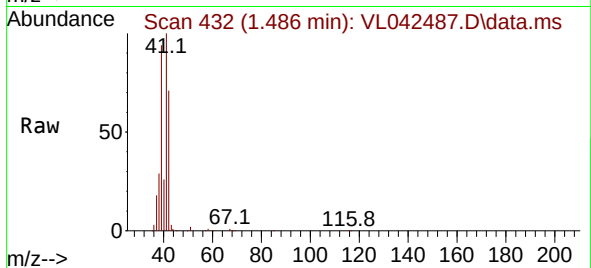
Tgt Ion: 85 Resp: 105839
Ion Ratio Lower Upper
85 100
135 64.5 49.8 74.8





#9
Propene
Concen: 8.689 ppbv
RT: 1.486 min Scan# 41
Delta R.T. 0.004 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

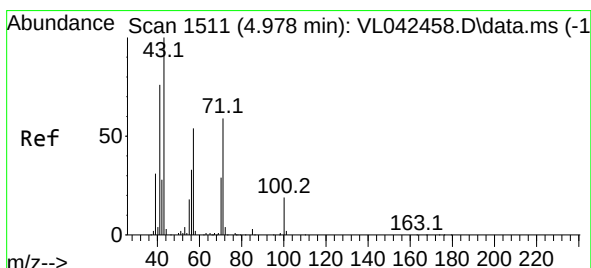
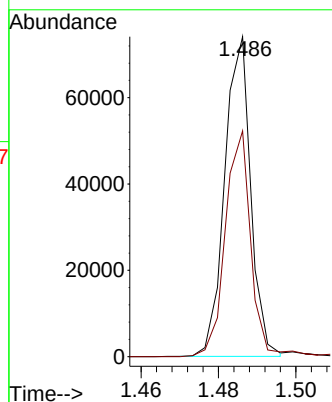
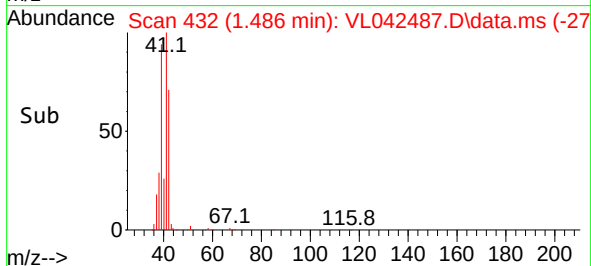
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



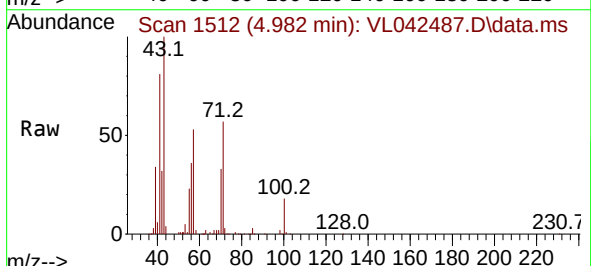
Tgt Ion: 41 Resp: 3447
Ion Ratio Lower Upper
41 100
42 71.0 54.3 81.5

Manual Integrations
APPROVED

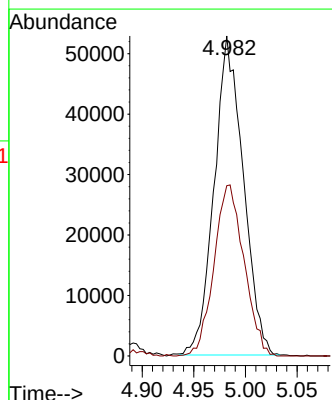
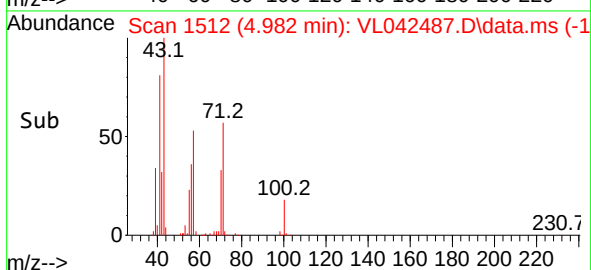
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

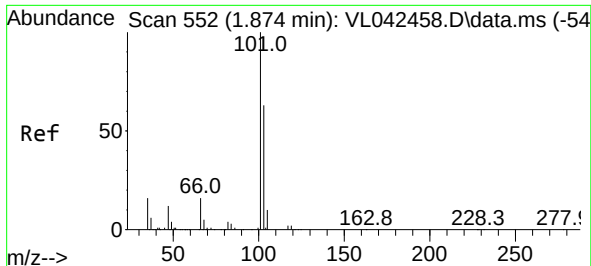


#10
Heptane
Concen: 10.030 ppbv
RT: 4.982 min Scan# 1512
Delta R.T. 0.004 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00



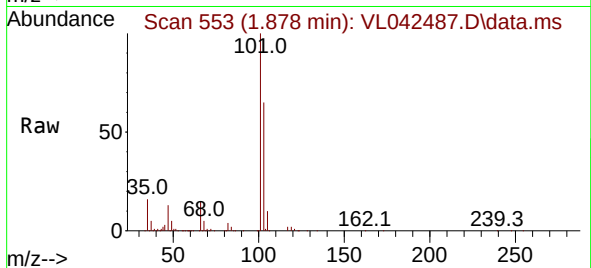
Tgt Ion: 43 Resp: 103210
Ion Ratio Lower Upper
43 100
57 55.4 41.8 62.8





#11
Trichlorofluoromethane
Concen: 11.700 ppbv
RT: 1.878 min Scan# 511
Delta R.T. 0.004 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

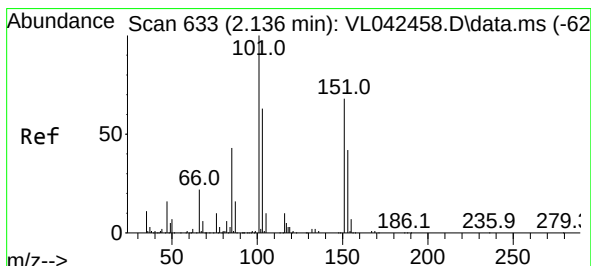
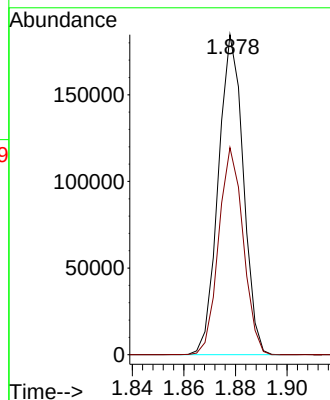
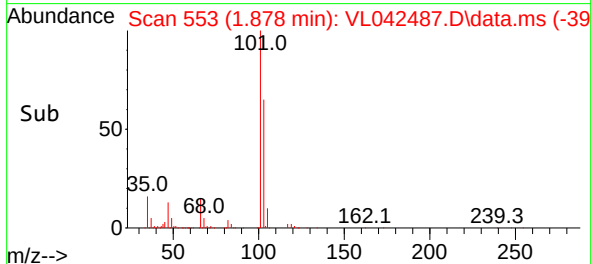
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



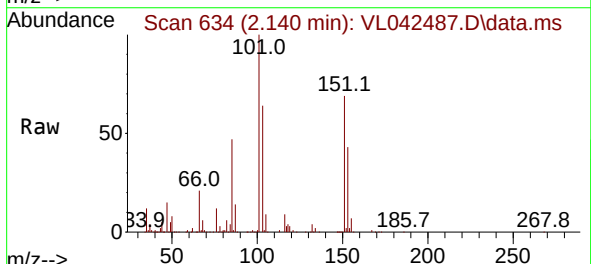
Tgt Ion:101 Resp: 12385
Ion Ratio Lower Upper
101 100
103 64.7 50.6 76.0

Manual Integrations
APPROVED

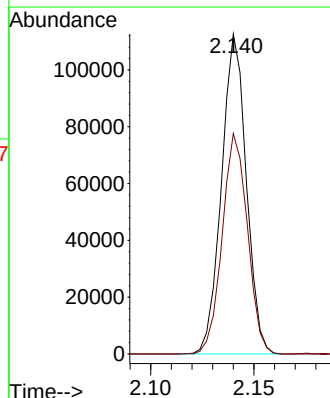
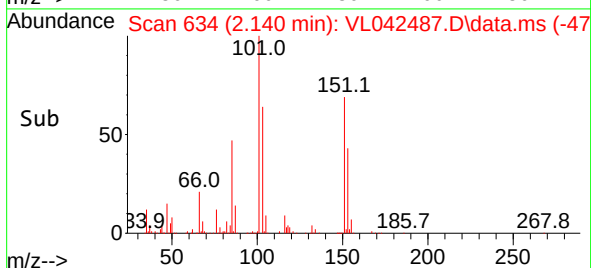
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

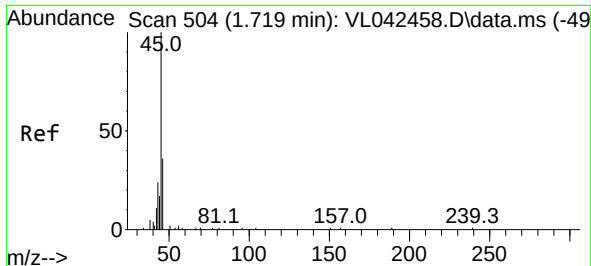


#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.114 ppbv
RT: 2.140 min Scan# 634
Delta R.T. 0.004 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00



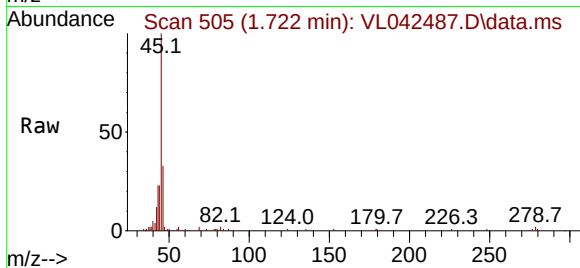
Tgt Ion:101 Resp: 93934
Ion Ratio Lower Upper
101 100
151 70.2 54.6 82.0





#13
Ethanol
Concen: 7.889 ppbv
RT: 1.722 min Scan# 504
Delta R.T. 0.004 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

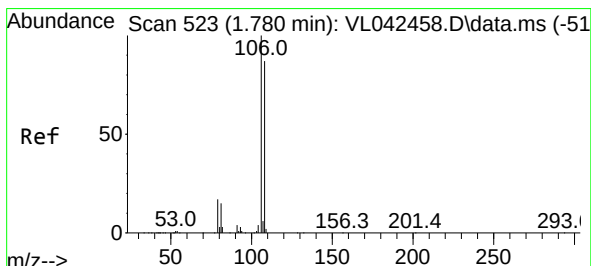
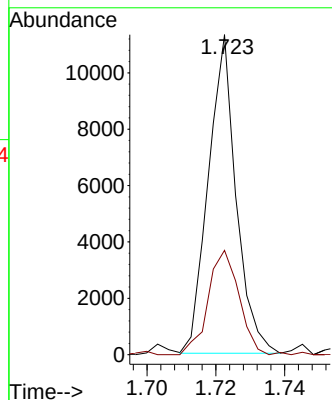
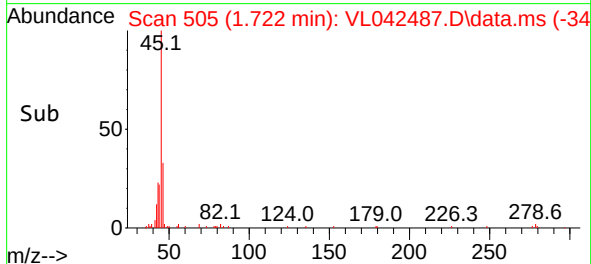
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



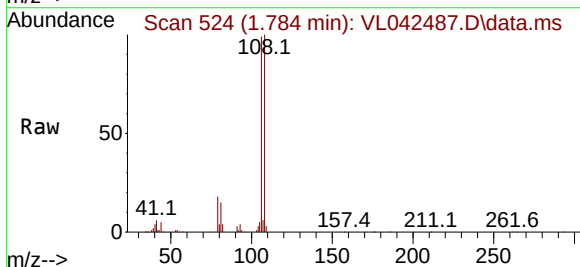
Tgt Ion: 45 Resp: 635
Ion Ratio Lower Upper
45 100
46 37.2 15.3 61.1

Manual Integrations
APPROVED

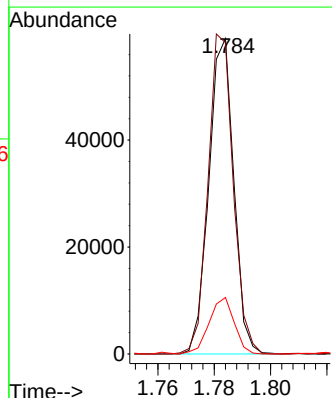
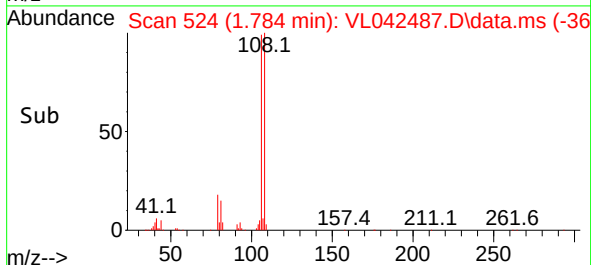
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

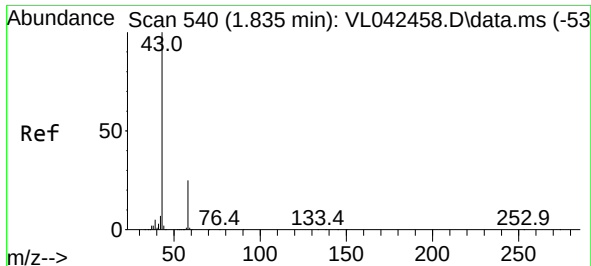


#14
Bromoethene
Concen: 11.645 ppbv
RT: 1.784 min Scan# 524
Delta R.T. 0.004 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00



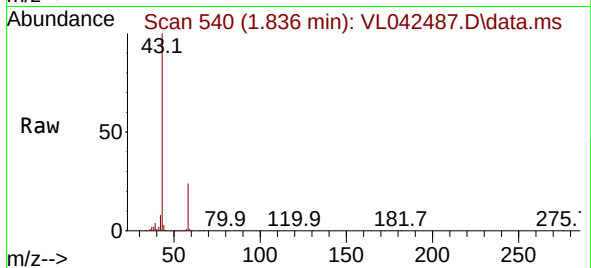
Tgt Ion:108 Resp: 36335
Ion Ratio Lower Upper
108 100
106 102.5 88.8 133.2
79 18.2 17.1 25.7





#15
Acetone
Concen: 8.825 ppbv
RT: 1.836 min Scan# 540
Delta R.T. 0.000 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

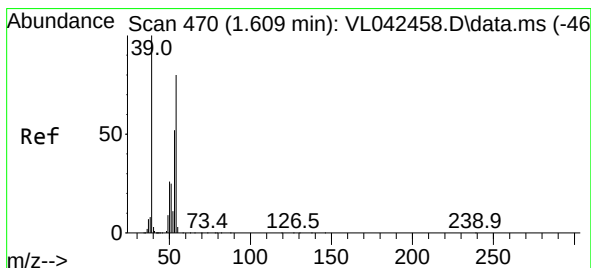
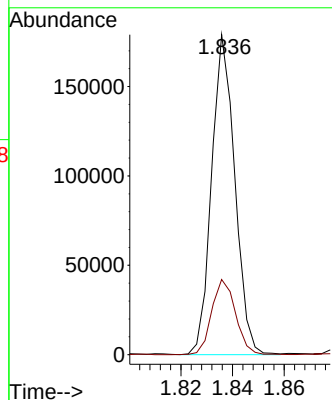
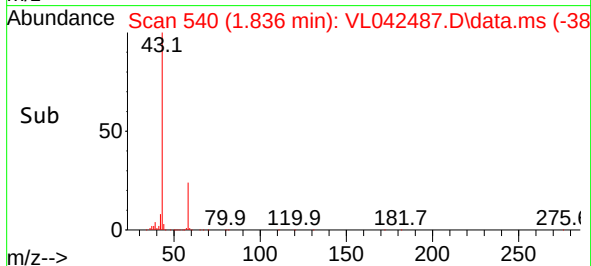
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



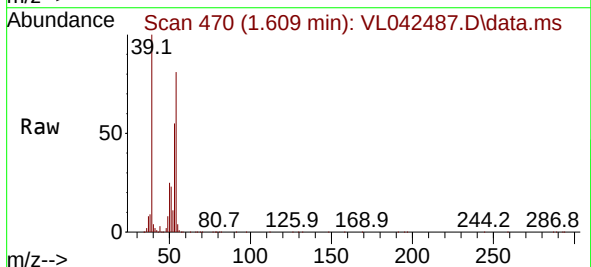
Tgt Ion: 43 Resp: 111680
Ion Ratio Lower Upper
43 100
58 24.3 19.8 29.8

Manual Integrations
APPROVED

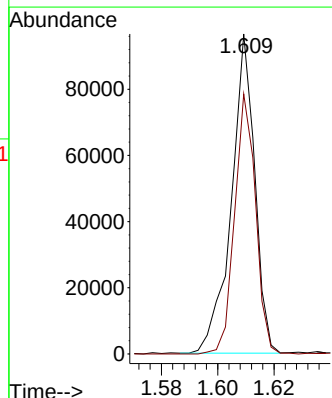
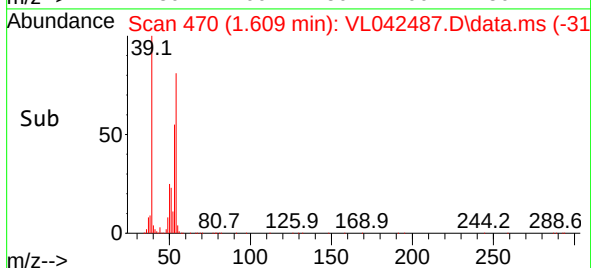
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

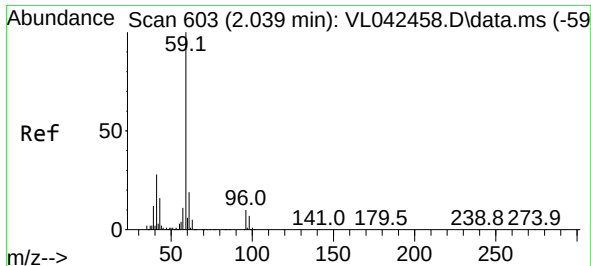


#16
1,3-Butadiene
Concen: 9.963 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.000 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00



Tgt Ion: 39 Resp: 55608
Ion Ratio Lower Upper
39 100
54 73.3 55.2 82.8





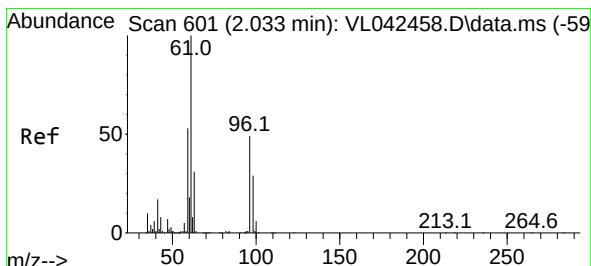
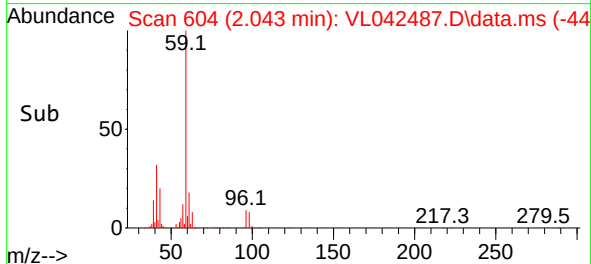
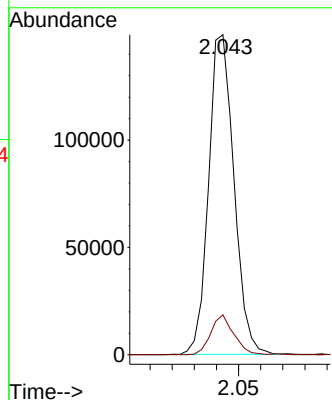
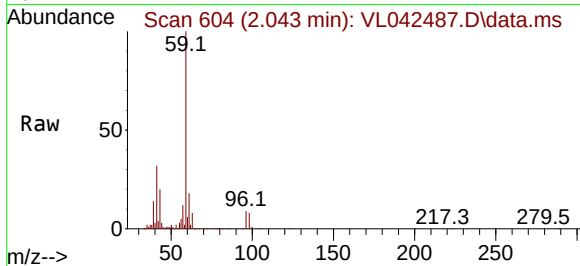
#17
tert-Butyl alcohol
Concen: 10.628 ppbv
RT: 2.043 min Scan# 601
Delta R.T. 0.004 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 11849
Ion Ratio Lower Upper
59 100
57 11.4 8.3 12.5

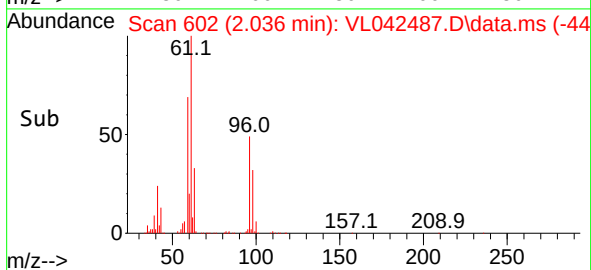
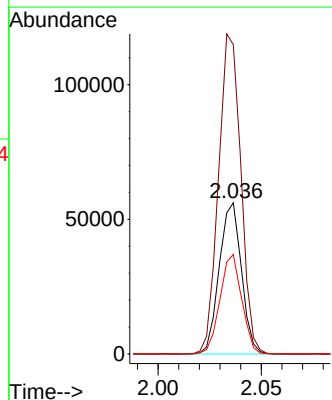
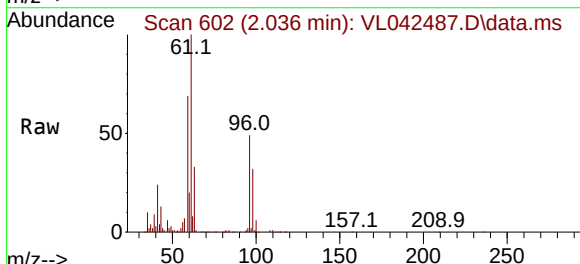
Manual Integrations
APPROVED

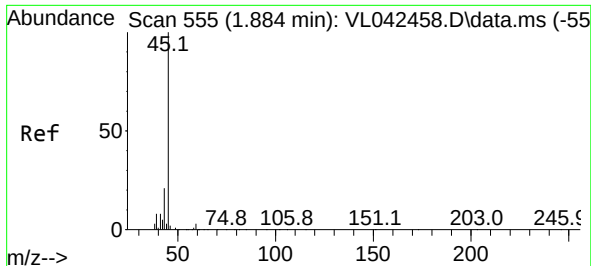
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#18
1,1-Dichloroethene
Concen: 10.614 ppbv
RT: 2.036 min Scan# 602
Delta R.T. 0.004 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

Tgt Ion: 96 Resp: 41887
Ion Ratio Lower Upper
96 100
61 204.6 164.9 247.3
98 65.9 48.2 72.2





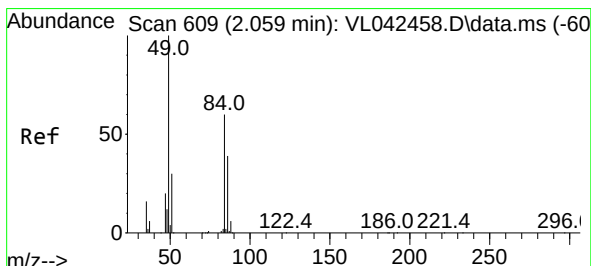
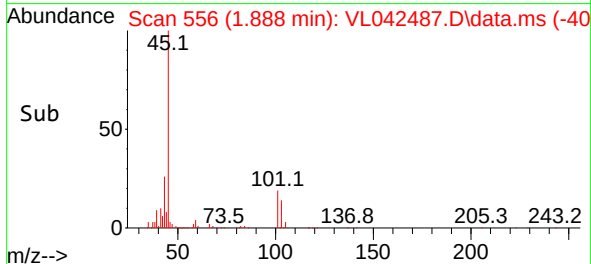
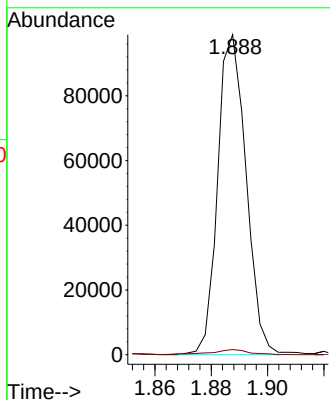
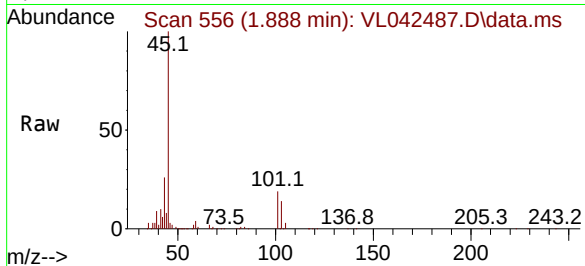
#19
Isopropyl Alcohol
Concen: 9.856 ppbv
RT: 1.888 min Scan# 510
Delta R.T. 0.004 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 69030
Ion Ratio Lower Upper
45 100
58 2.1 1.6 2.4

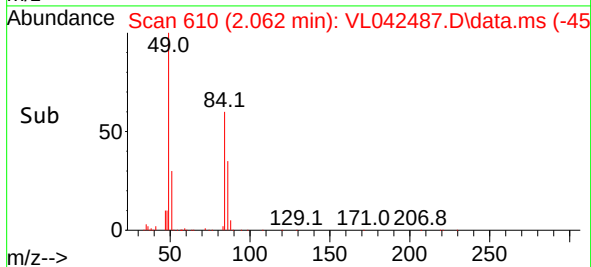
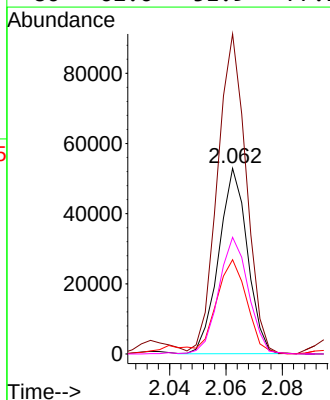
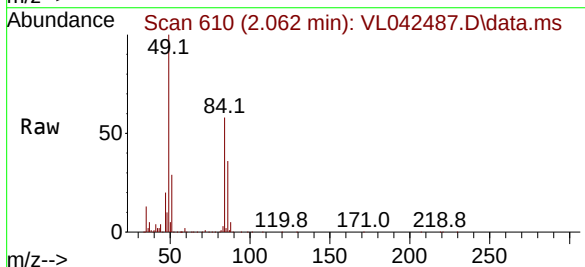
Manual Integrations
APPROVED

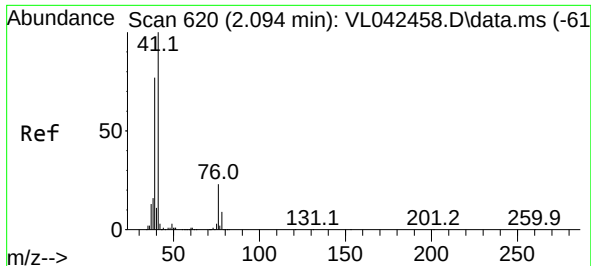
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#20
Methylene Chloride
Concen: 9.829 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.004 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

Tgt Ion: 84 Resp: 37393
Ion Ratio Lower Upper
84 100
49 172.0 133.9 200.9
51 50.1 41.0 61.6
86 62.6 51.9 77.9





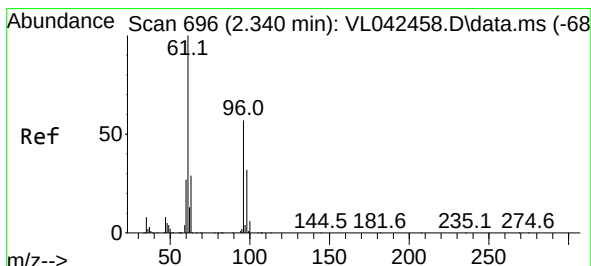
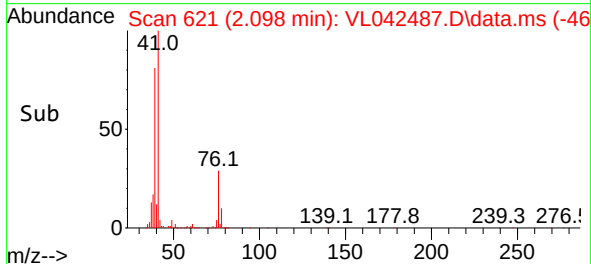
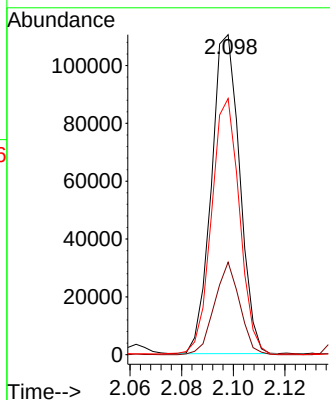
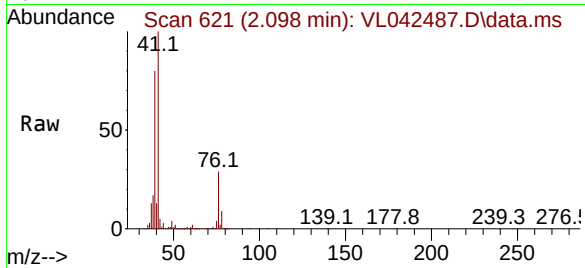
#21
 Allyl Chloride
 Concen: 10.342 ppbv
 RT: 2.098 min Scan# 61
 Delta R.T. 0.004 min
 Lab File: VL042487.D
 Acq: 06 May 2025 09:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 8416
 Ion Ratio Lower Upper
 41 100
 76 25.9 19.6 29.4
 39 79.3 61.0 91.4

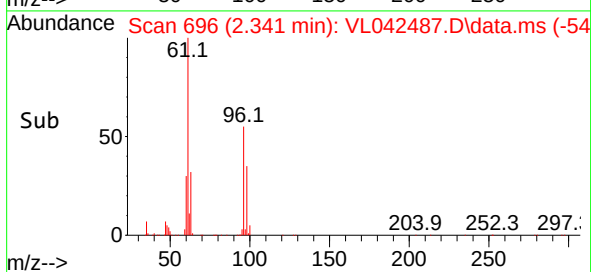
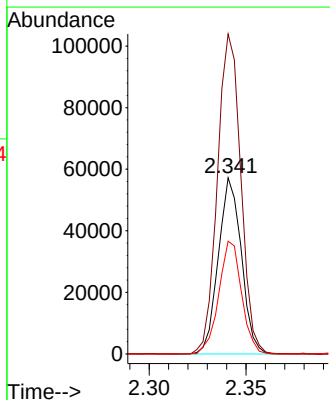
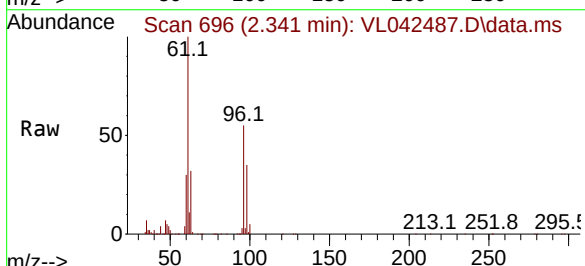
Manual Integrations
 APPROVED

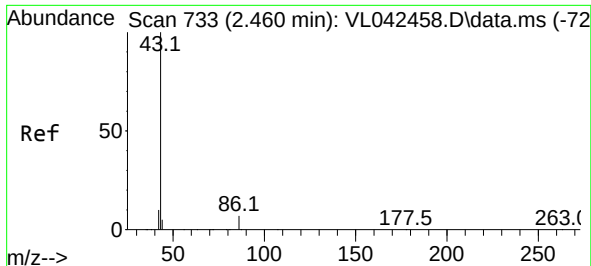
Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#22
 trans-1,2-Dichloroethene
 Concen: 10.253 ppbv
 RT: 2.341 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VL042487.D
 Acq: 06 May 2025 09:00

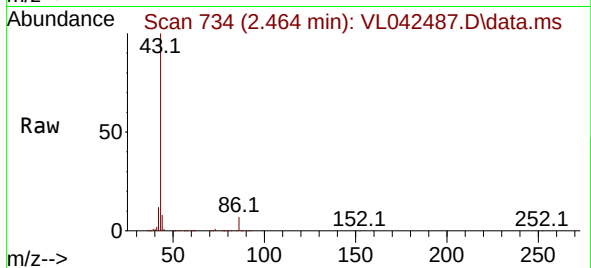
Tgt Ion: 96 Resp: 47256
 Ion Ratio Lower Upper
 96 100
 61 181.7 141.8 212.6
 98 64.0 45.0 67.6





#23
 Vinyl Acetate
 Concen: 9.809 ppbv
 RT: 2.464 min Scan# 717
 Delta R.T. 0.004 min
 Lab File: VL042487.D
 Acq: 06 May 2025 09:00

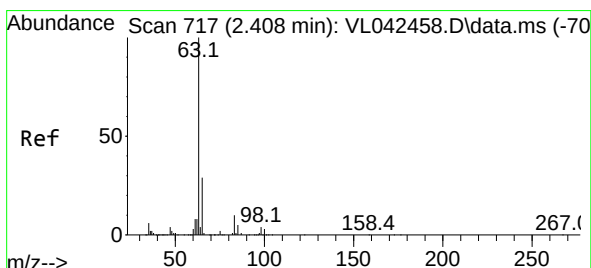
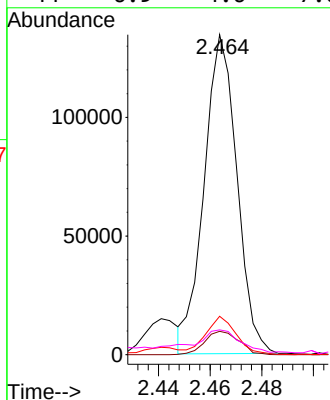
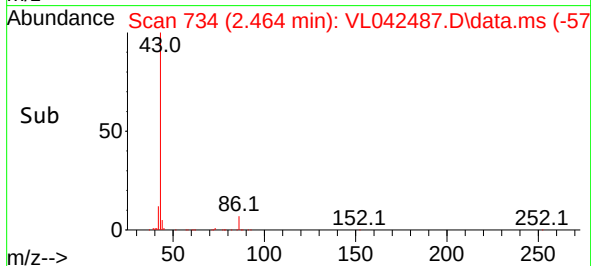
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010



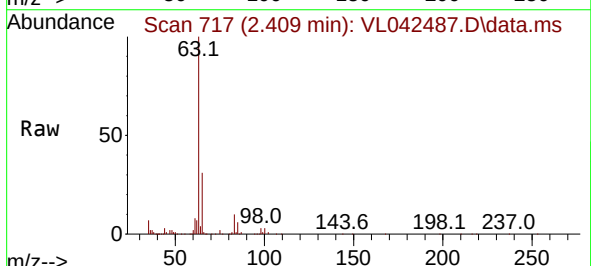
Tgt Ion: 43 Resp: 11846
 Ion Ratio Lower Upper
 43 100
 86 7.3 5.5 8.3
 42 11.9 8.3 12.5
 44 6.9 4.6 7.0

Manual Integrations
 APPROVED

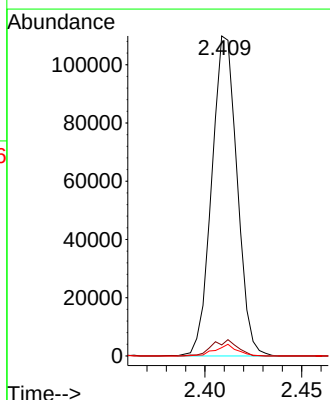
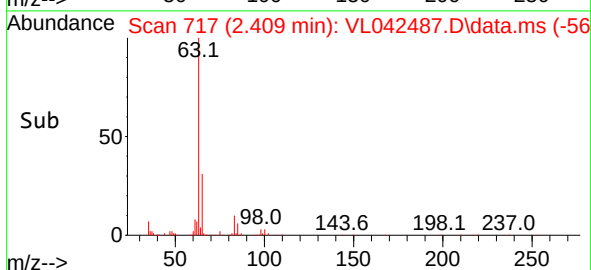
Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025

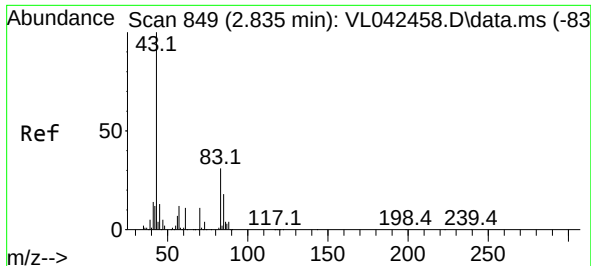


#24
 1,1-Dichloroethane
 Concen: 10.651 ppbv
 RT: 2.409 min Scan# 717
 Delta R.T. 0.000 min
 Lab File: VL042487.D
 Acq: 06 May 2025 09:00



Tgt Ion: 63 Resp: 100156
 Ion Ratio Lower Upper
 63 100
 98 3.4 1.8 5.5
 100 2.6 1.4 4.2





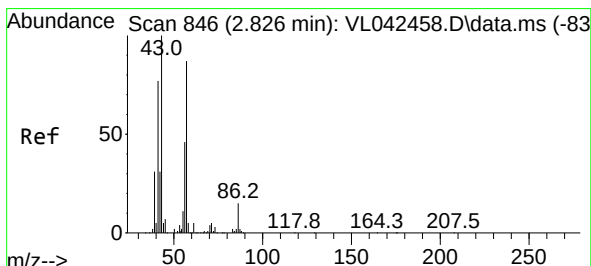
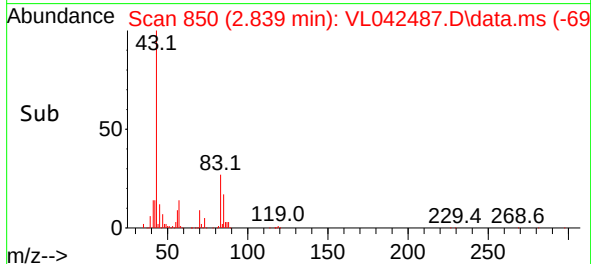
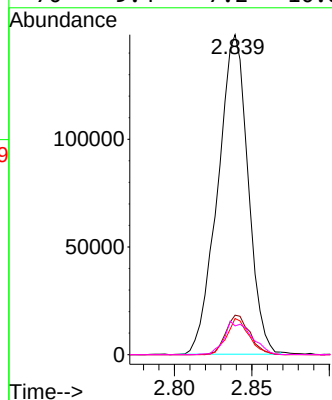
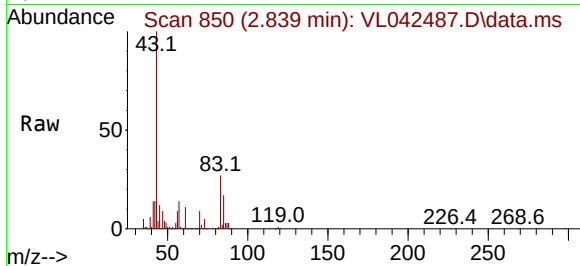
#25
Ethyl Acetate
Concen: 9.931 ppbv
RT: 2.839 min Scan# 849
Delta R.T. 0.004 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 201211
Ion Ratio Lower Upper
43 100
45 9.9 7.8 11.6
61 8.4 7.2 10.8
70 9.4 7.2 10.8

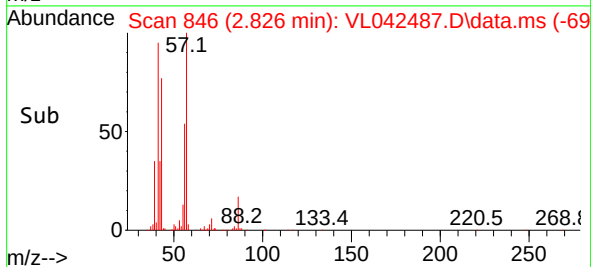
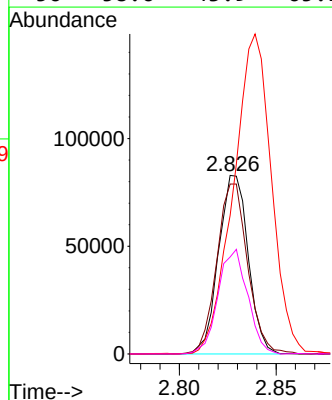
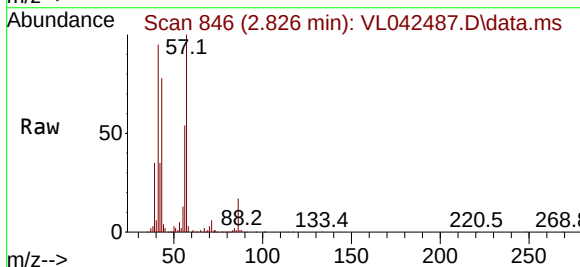
Manual Integrations
APPROVED

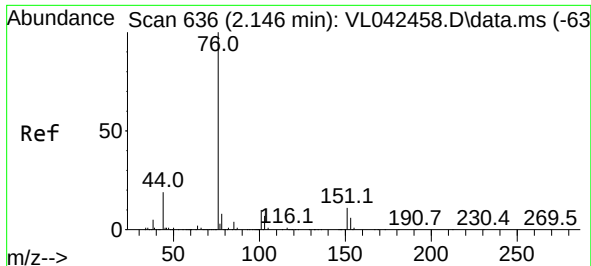
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#26
Hexane
Concen: 9.993 ppbv
RT: 2.826 min Scan# 846
Delta R.T. 0.000 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

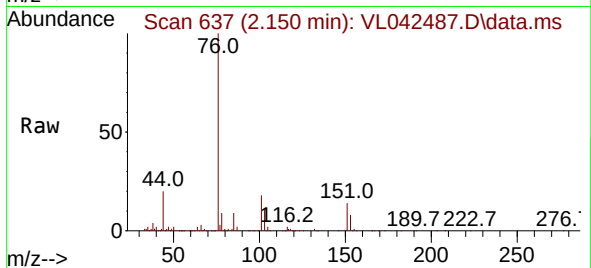
Tgt Ion: 57 Resp: 88211
Ion Ratio Lower Upper
57 100
41 99.5 77.8 116.8
43 230.4 187.0 280.6
56 58.6 43.9 65.9





#27
Carbon Disulfide
Concen: 11.716 ppbv
RT: 2.150 min Scan# 61
Delta R.T. 0.004 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

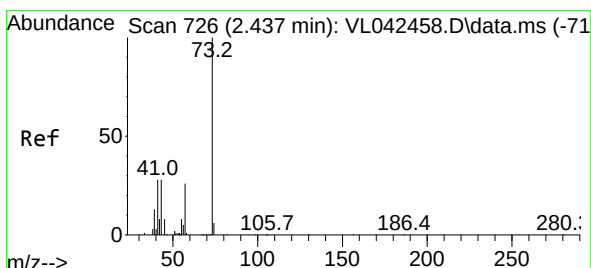
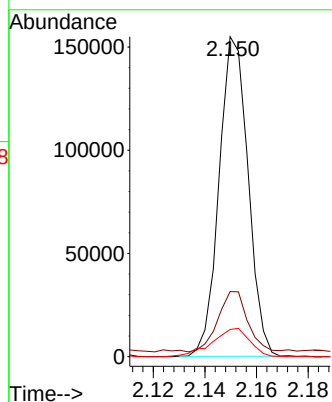
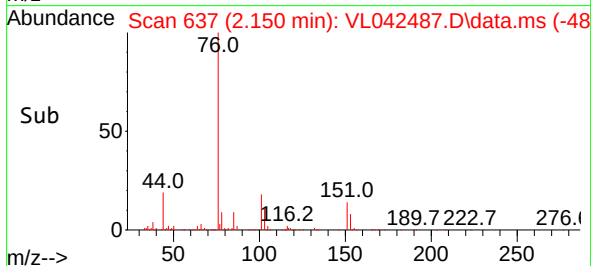
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 120690
Ion Ratio Lower Upper
76 100
44 21.8 21.0 31.6
78 11.5 8.6 13.0

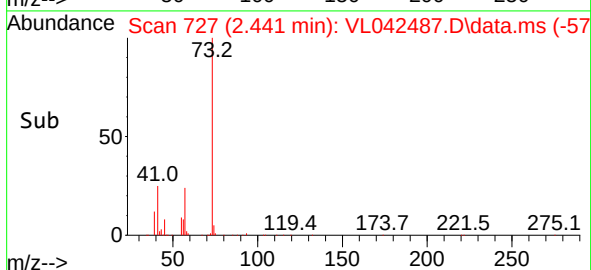
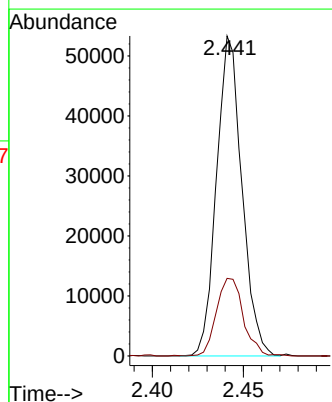
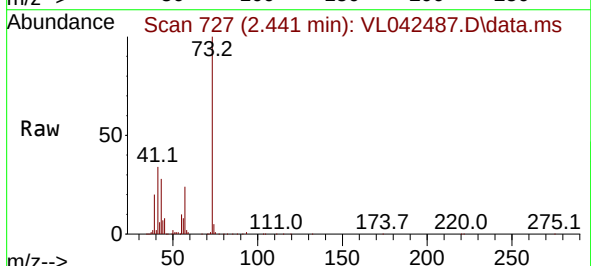
Manual Integrations
APPROVED

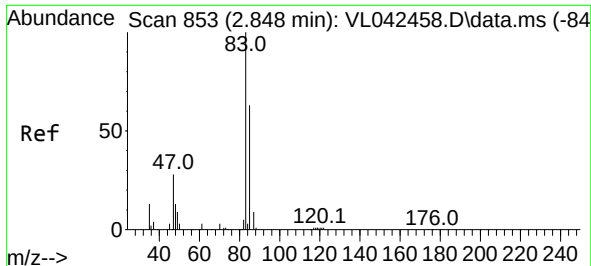
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#28
Methyl tert-Butyl Ether
Concen: 9.740 ppbv
RT: 2.441 min Scan# 727
Delta R.T. 0.004 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

Tgt Ion: 73 Resp: 51653
Ion Ratio Lower Upper
73 100
57 25.9 19.9 29.9





#29

Chloroform

Concen: 10.435 ppbv

RT: 2.852 min Scan# 854

Delta R.T. 0.004 min

Lab File: VL042487.D

Acq: 06 May 2025 09:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 172600

Ion Ratio Lower Upper

83 100

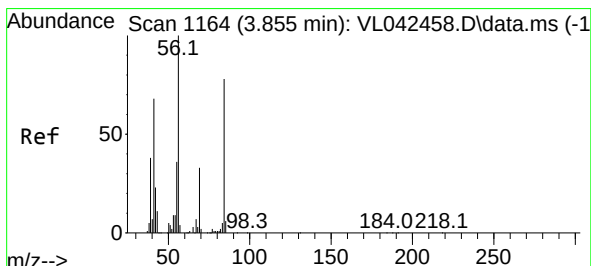
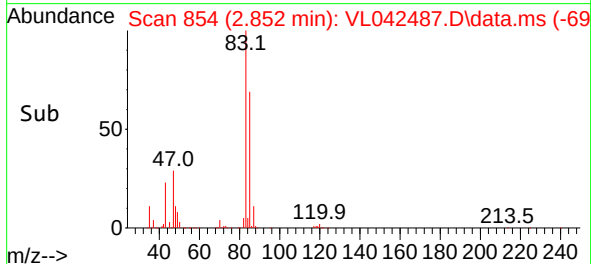
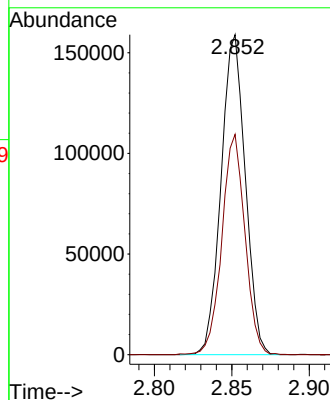
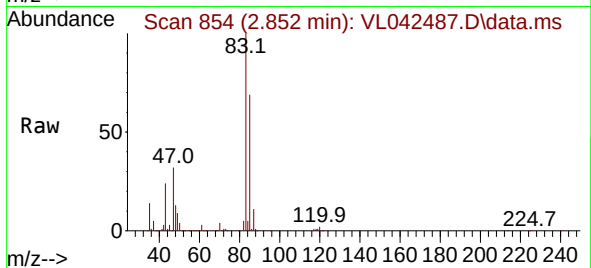
85 68.7 50.4 75.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025

Supervised By :Mahesh Dadoda 05/09/2025



#30

Cyclohexane

Concen: 10.153 ppbv

RT: 3.859 min Scan# 1165

Delta R.T. 0.004 min

Lab File: VL042487.D

Acq: 06 May 2025 09:00

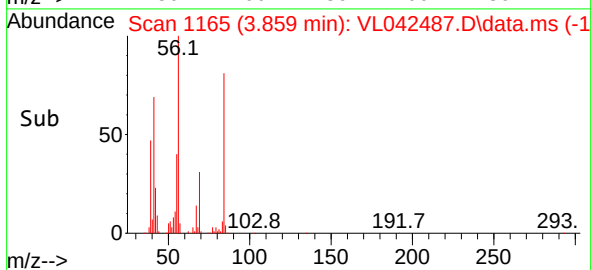
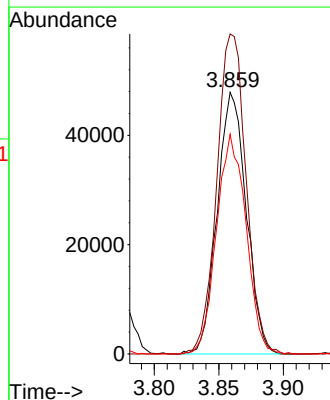
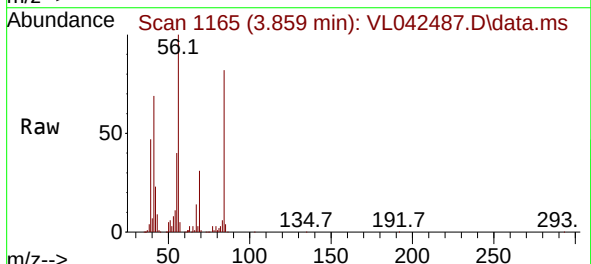
Tgt Ion: 84 Resp: 74929

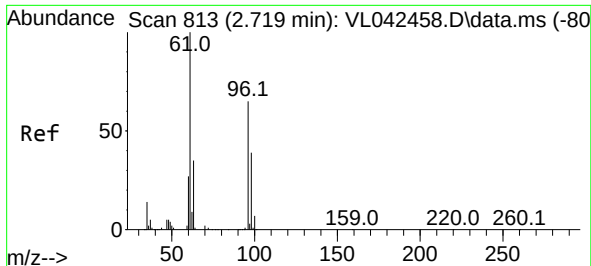
Ion Ratio Lower Upper

84 100

56 123.2 98.1 147.1

41 85.1 65.8 98.8





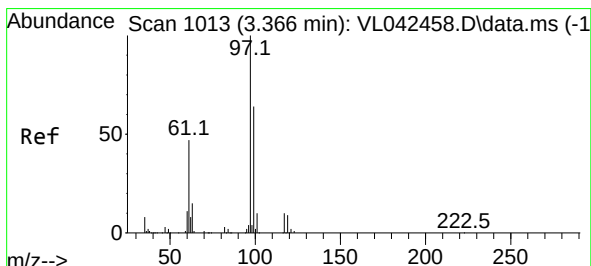
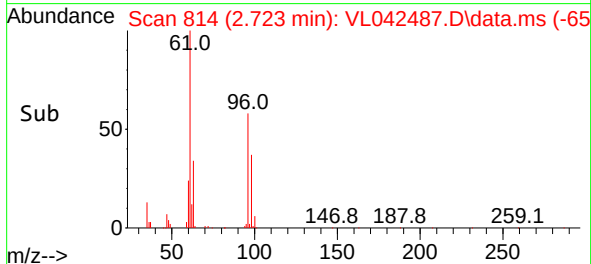
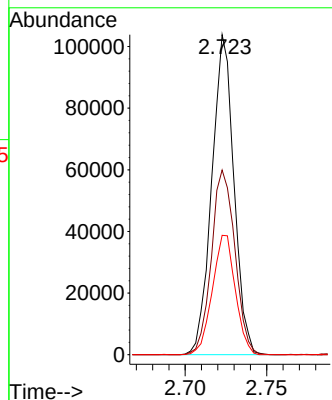
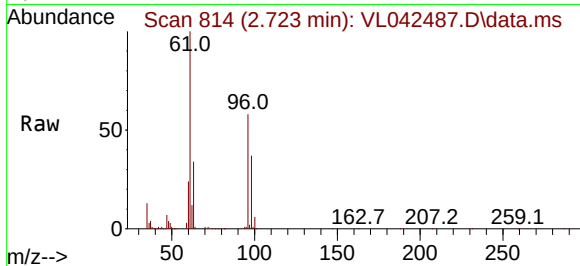
#31
 cis-1,2-Dichloroethene
 Concen: 9.503 ppbv
 RT: 2.723 min Scan# 813
 Delta R.T. 0.004 min
 Lab File: VL042487.D
 Acq: 06 May 2025 09:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 61 Resp: 97864
 Ion Ratio Lower Upper
 61 100
 96 57.7 52.0 78.0
 98 37.3 31.0 46.6

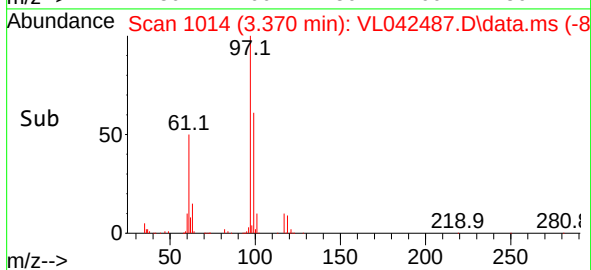
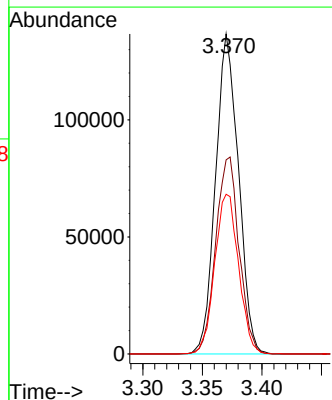
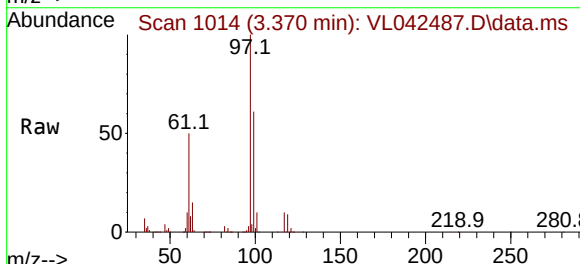
Manual Integrations
 APPROVED

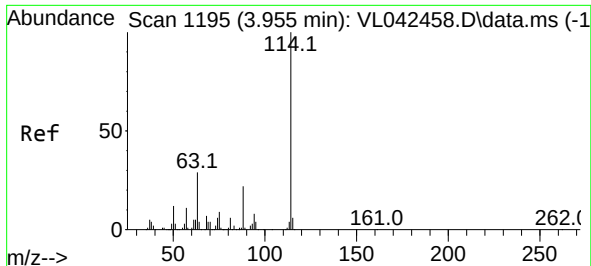
Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#32
 1,1,1-Trichloroethane
 Concen: 10.179 ppbv
 RT: 3.370 min Scan# 1014
 Delta R.T. 0.004 min
 Lab File: VL042487.D
 Acq: 06 May 2025 09:00

Tgt Ion: 97 Resp: 182668
 Ion Ratio Lower Upper
 97 100
 99 62.8 50.7 76.1
 61 52.0 40.9 61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. 0.007 min

Lab File: VL042487.D

Acq: 06 May 2025 09:00

Instrument :

MSVOA_L

ClientSampleId :

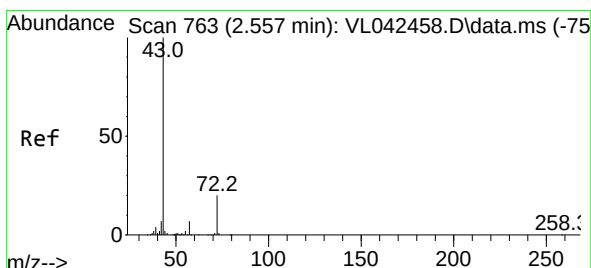
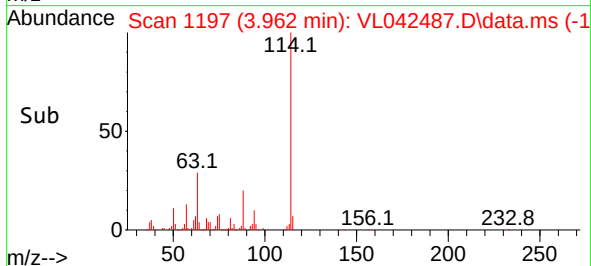
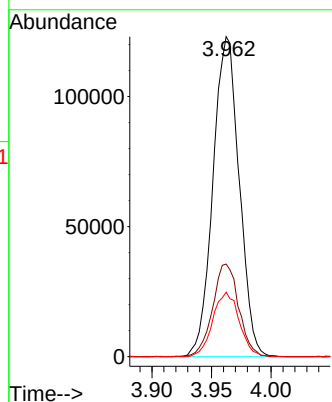
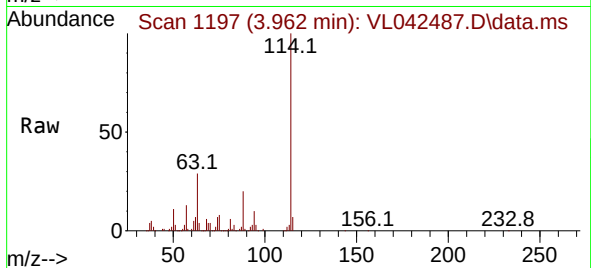
VSTDCCC010

Tgt Ion:	114	Resp:	18815
Ion Ratio	Lower	Upper	
114	100		
63	28.9	23.1	34.7
88	20.3	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#34

2-Butanone

Concen: 9.645 ppbv

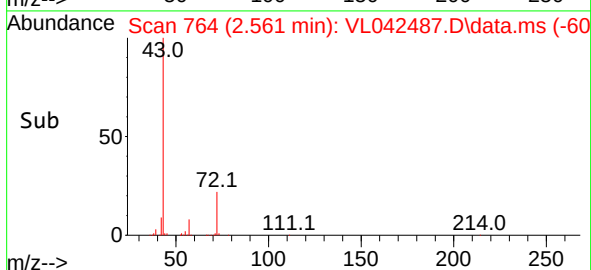
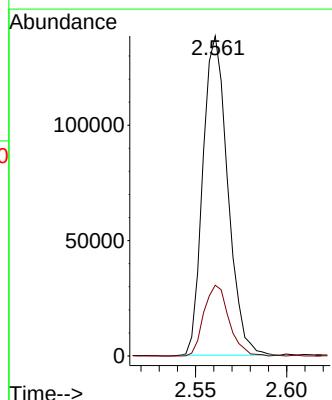
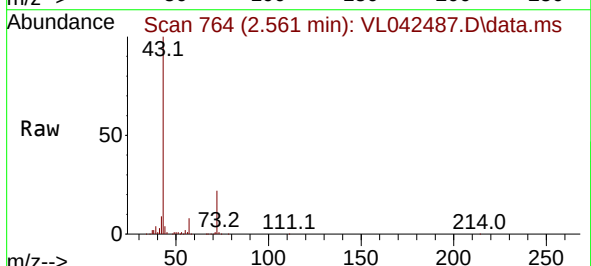
RT: 2.561 min Scan# 764

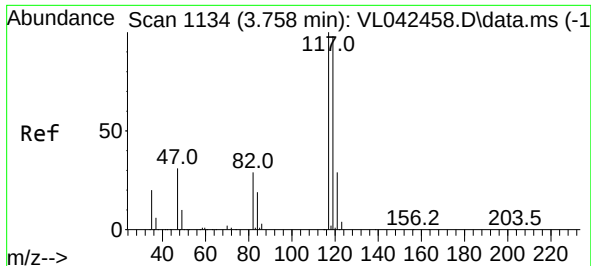
Delta R.T. 0.004 min

Lab File: VL042487.D

Acq: 06 May 2025 09:00

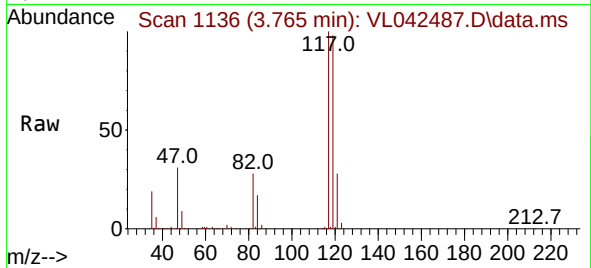
Tgt Ion:	43	Resp:	131262
Ion Ratio	Lower	Upper	
43	100		
72	22.5	16.7	25.1





#35
Carbon Tetrachloride
Concen: 11.127 ppbv
RT: 3.765 min Scan# 1134
Delta R.T. 0.007 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

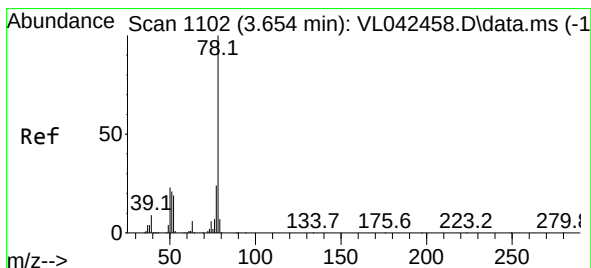
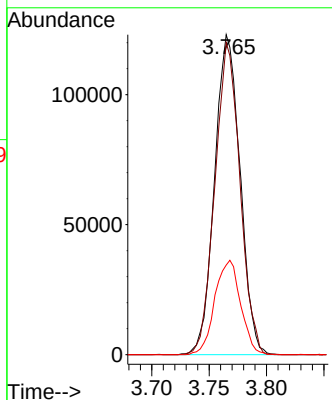
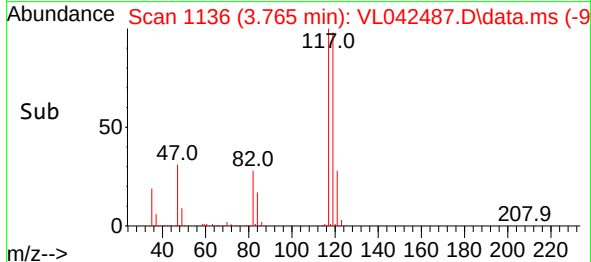
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 190178
Ion Ratio Lower Upper
117 100
119 97.5 78.1 117.1
121 28.0 23.0 34.6

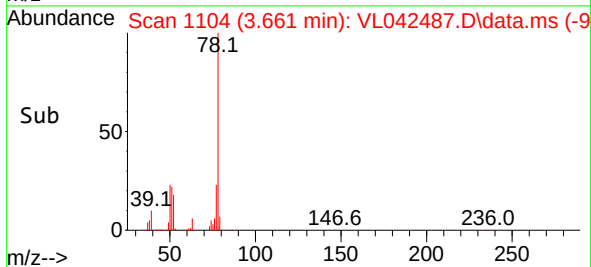
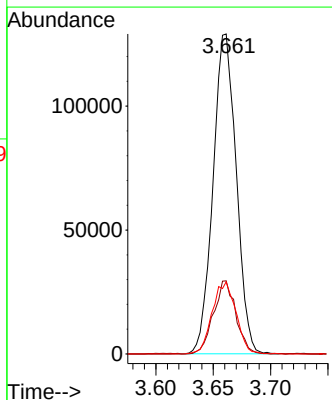
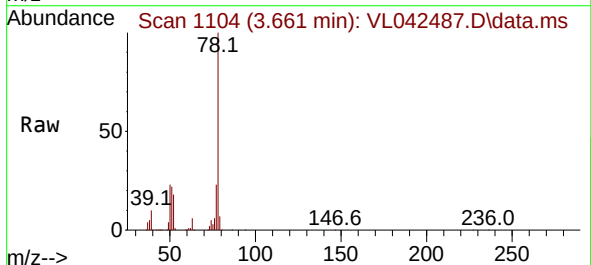
Manual Integrations
APPROVED

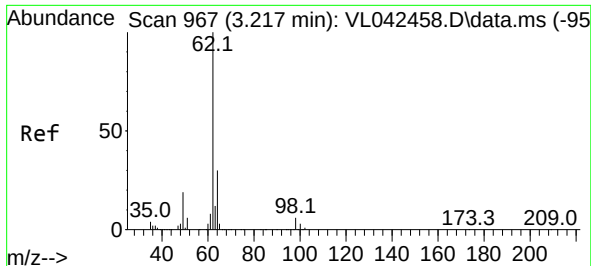
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#36
Benzene
Concen: 10.233 ppbv
RT: 3.661 min Scan# 1104
Delta R.T. 0.007 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

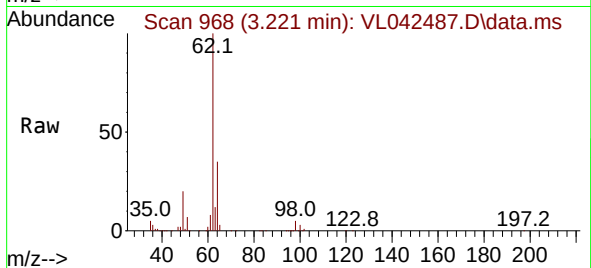
Tgt Ion: 78 Resp: 181690
Ion Ratio Lower Upper
78 100
77 22.9 18.9 28.3
50 22.6 18.4 27.6





#37
1,2-Dichloroethane
Concen: 10.669 ppbv
RT: 3.221 min Scan# 967
Delta R.T. 0.004 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

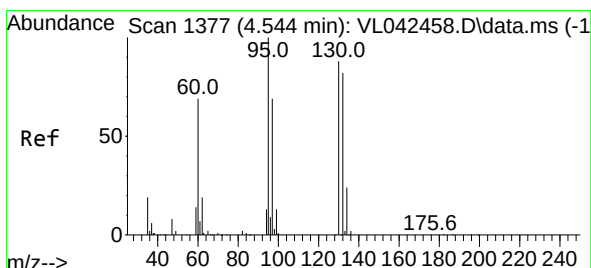
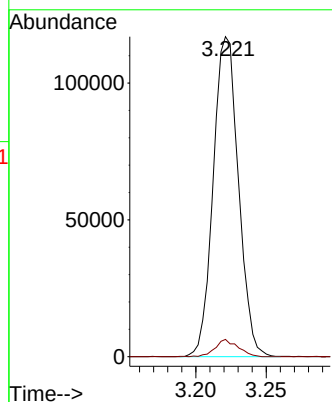
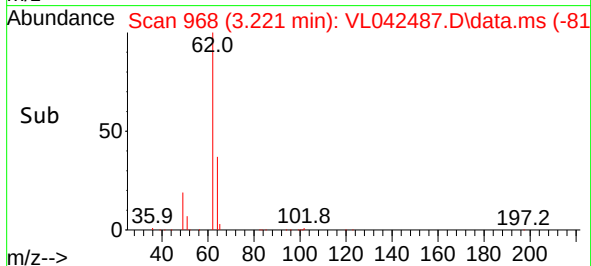
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 62 Resp: 146010
Ion Ratio Lower Upper
62 100
98 4.9 4.3 6.5

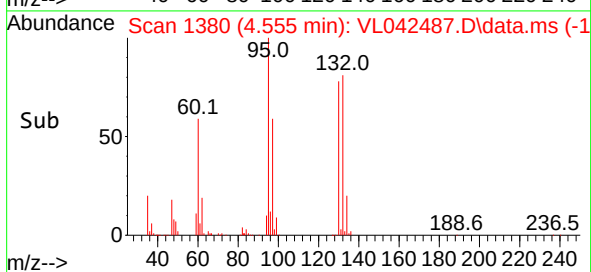
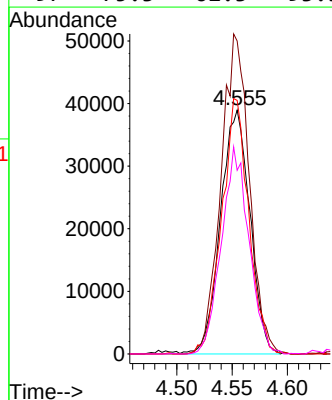
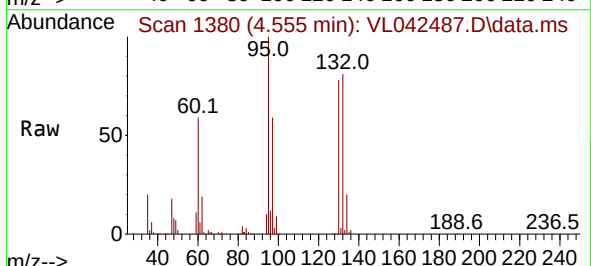
Manual Integrations
APPROVED

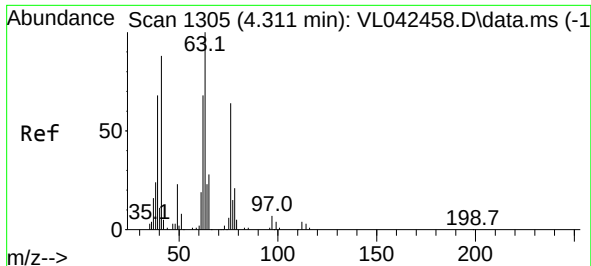
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#38
Trichloroethene
Concen: 10.630 ppbv
RT: 4.555 min Scan# 1380
Delta R.T. 0.010 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

Tgt Ion:130 Resp: 71976
Ion Ratio Lower Upper
130 100
95 128.3 91.0 136.4
132 104.0 74.2 111.4
97 75.3 62.3 93.5





#39

1,2-Dichloropropane

Concen: 9.570 ppbv

RT: 4.322 min Scan# 1308

Delta R.T. 0.010 min

Lab File: VL042487.D

Acq: 06 May 2025 09:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

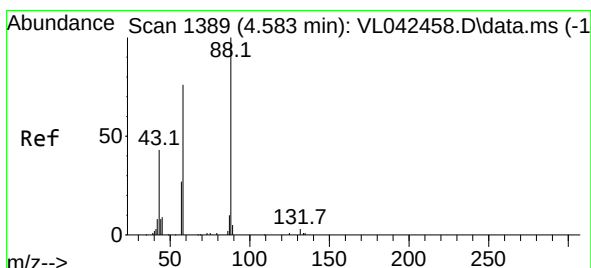
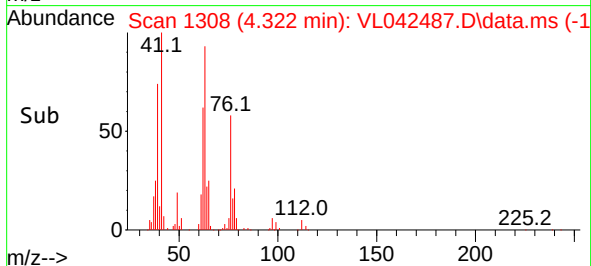
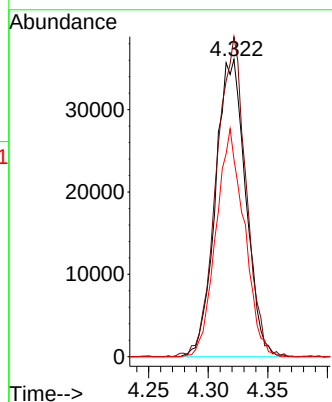
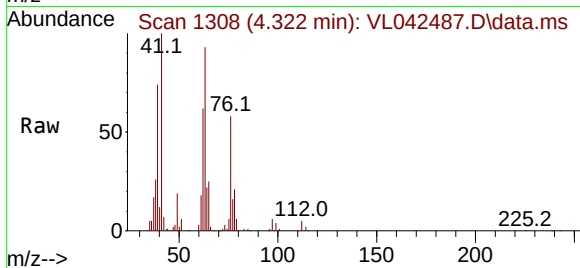
Tgt Ion: 63 Resp: 63612

Ion	Ratio	Lower	Upper
63	100		
41	107.2	69.8	104.6
62	66.4	54.3	81.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#40

1,4-Dioxane

Concen: 9.396 ppbv

RT: 4.590 min Scan# 1391

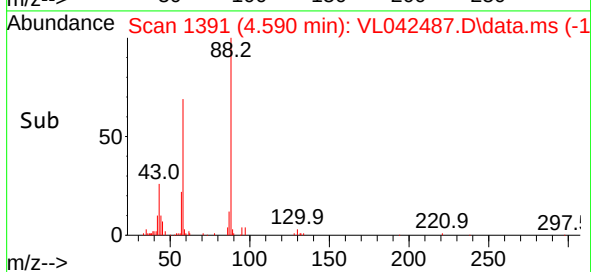
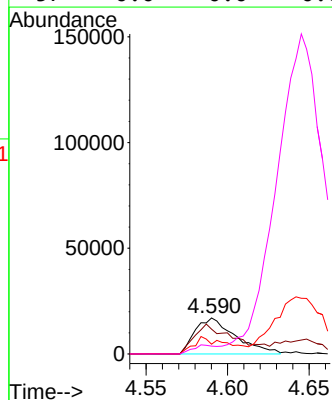
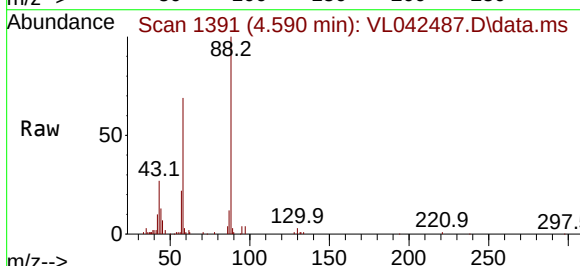
Delta R.T. 0.007 min

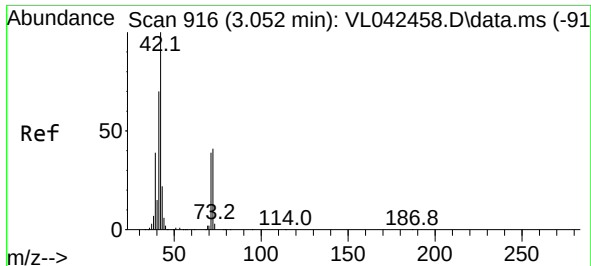
Lab File: VL042487.D

Acq: 06 May 2025 09:00

Tgt Ion: 88 Resp: 29247

Ion	Ratio	Lower	Upper
88	100		
58	85.1	0.0	0.0#
43	36.9	0.0	0.0#
57	0.0	0.0	0.0





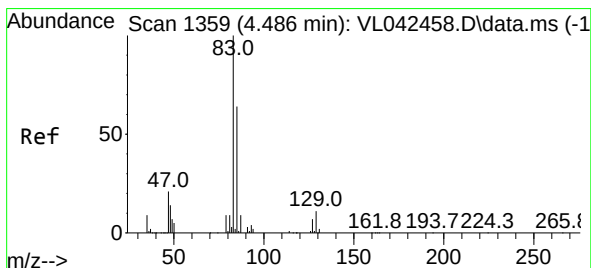
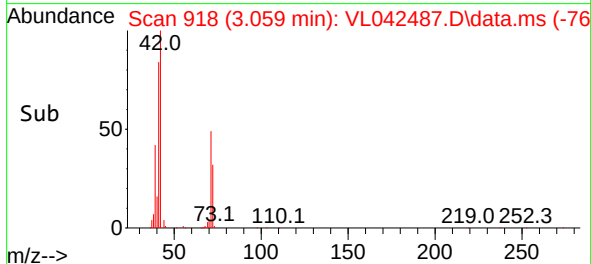
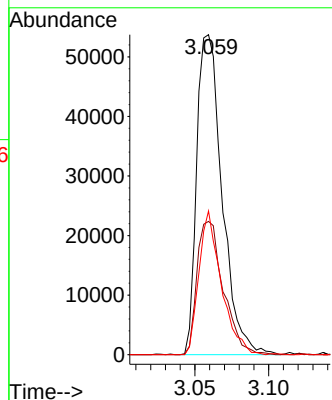
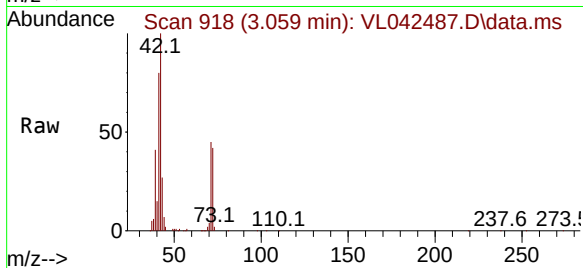
#41
Tetrahydrofuran
Concen: 9.932 ppbv
RT: 3.059 min Scan# 916
Delta R.T. 0.007 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 6424
Ion Ratio Lower Upper
42 100
72 43.2 33.5 50.3
71 39.8 32.6 49.0

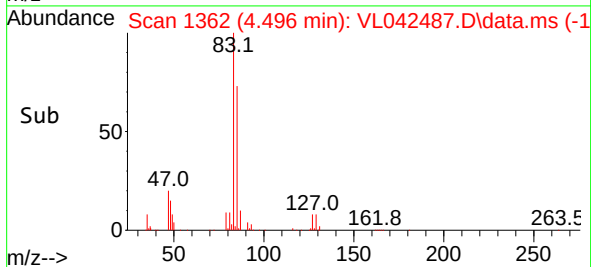
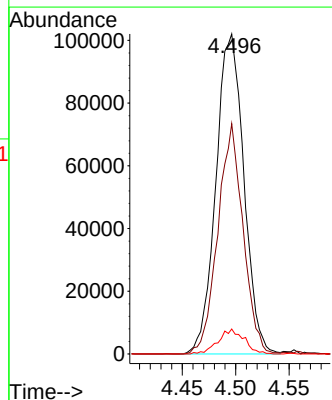
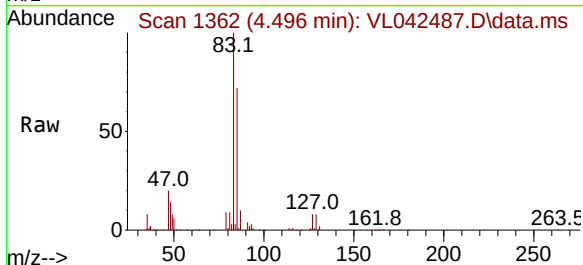
Manual Integrations
APPROVED

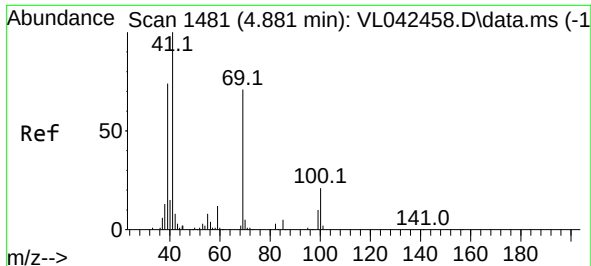
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#42
Bromodichloromethane
Concen: 11.113 ppbv
RT: 4.496 min Scan# 1362
Delta R.T. 0.010 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

Tgt Ion: 83 Resp: 185825
Ion Ratio Lower Upper
83 100
85 72.0 51.5 77.3
127 7.8 5.4 8.2





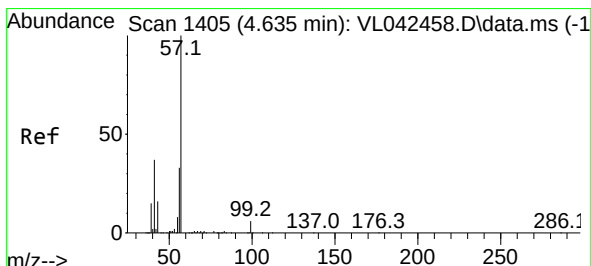
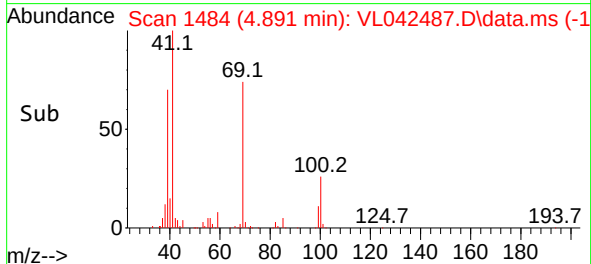
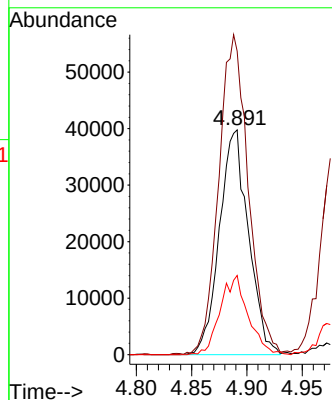
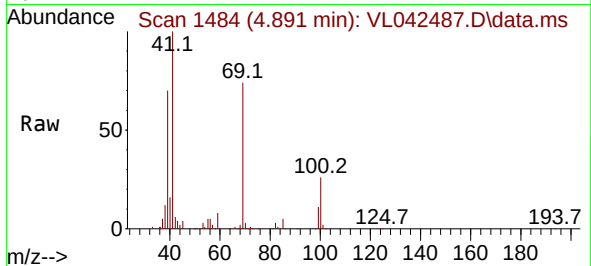
#43
Methyl Methacrylate
Concen: 10.960 ppbv
RT: 4.891 min Scan# 1484
Delta R.T. 0.010 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 72618
Ion Ratio Lower Upper
69 100
41 145.0 120.8 181.2
100 33.8 26.7 40.1

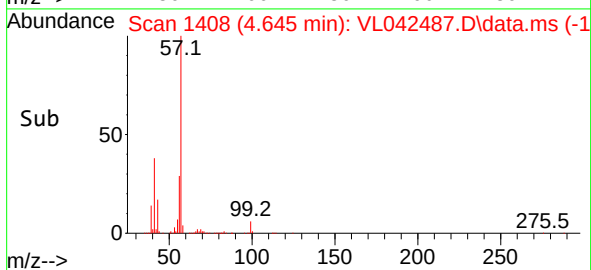
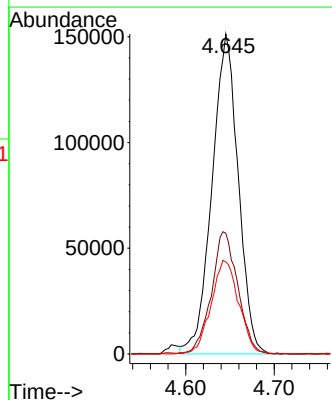
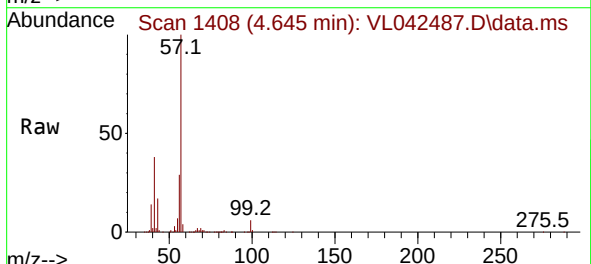
Manual Integrations
APPROVED

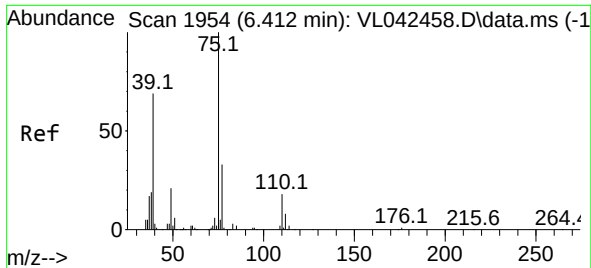
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#44
2,2,4-Trimethylpentane
Concen: 10.824 ppbv
RT: 4.645 min Scan# 1408
Delta R.T. 0.010 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

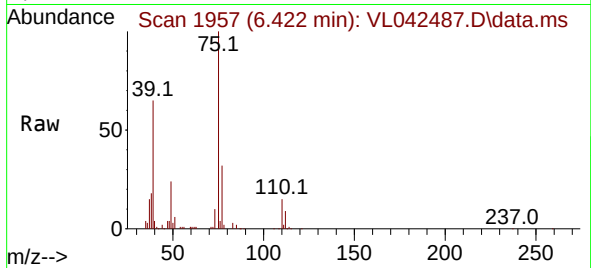
Tgt Ion: 57 Resp: 311522
Ion Ratio Lower Upper
57 100
41 38.8 30.6 45.8
56 30.8 25.0 37.6





#45
 t-1,3-Dichloropropene
 Concen: 10.719 ppbv
 RT: 6.422 min Scan# 1954
 Delta R.T. 0.010 min
 Lab File: VL042487.D
 Acq: 06 May 2025 09:00

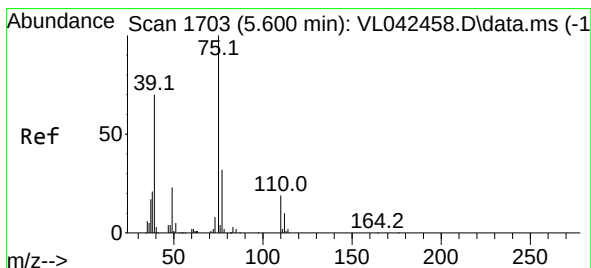
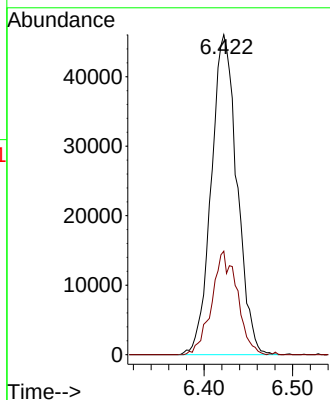
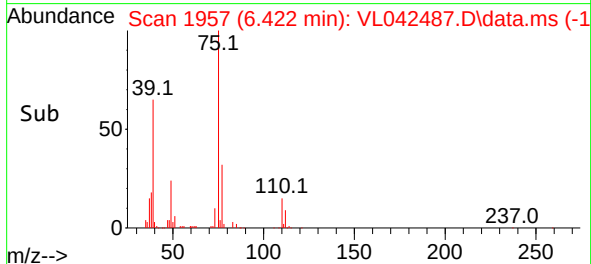
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 75 Resp: 93178
 Ion Ratio Lower Upper
 75 100
 77 32.3 26.3 39.5

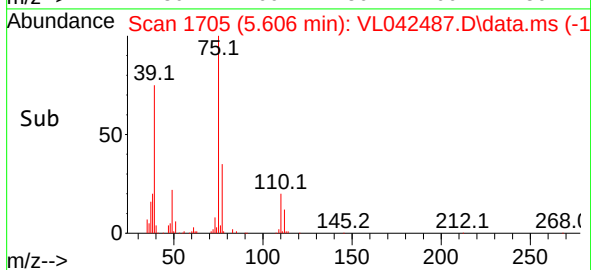
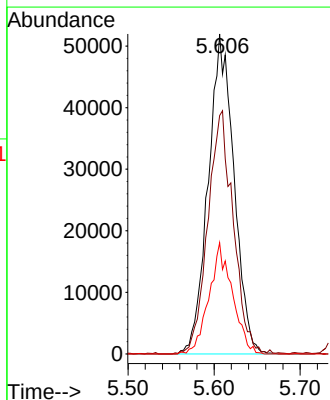
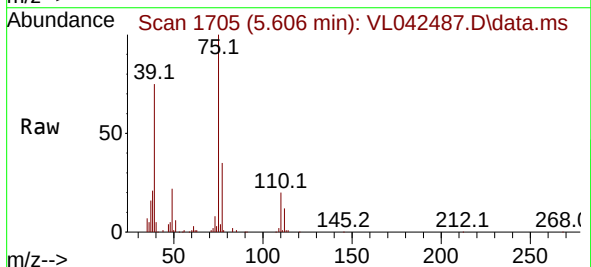
Manual Integrations
 APPROVED

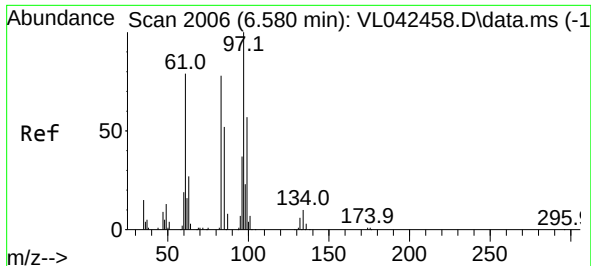
Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#46
 cis-1,3-Dichloropropene
 Concen: 10.473 ppbv
 RT: 5.606 min Scan# 1705
 Delta R.T. 0.007 min
 Lab File: VL042487.D
 Acq: 06 May 2025 09:00

Tgt Ion: 75 Resp: 108203
 Ion Ratio Lower Upper
 75 100
 39 74.3 55.7 83.5
 77 34.7 25.8 38.8





#47

1,1,2-Trichloroethane

Concen: 10.320 ppbv

RT: 6.587 min Scan# 2006

Delta R.T. 0.007 min

Lab File: VL042487.D

Acq: 06 May 2025 09:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

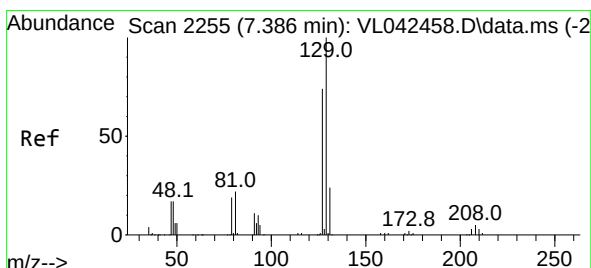
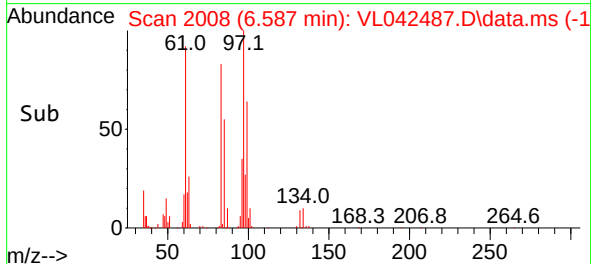
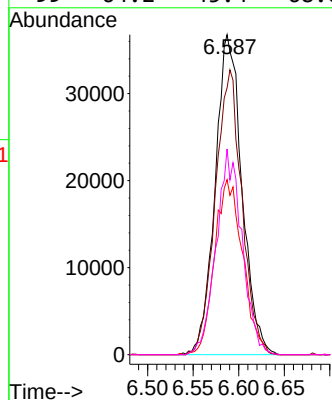
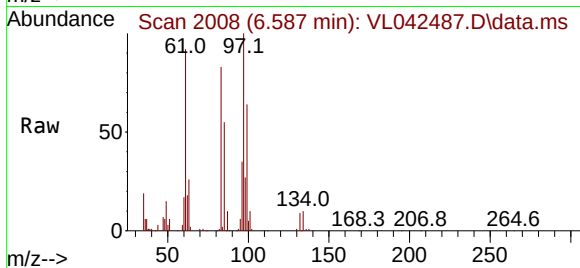
Tgt Ion: 97	Resp: 7523
Ion Ratio	Lower Upper
97 100	
83 83.4	62.2 93.2
85 54.7	41.5 62.3
99 64.2	45.4 68.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025

Supervised By :Mahesh Dadoda 05/09/2025



#48

Dibromochloromethane

Concen: 10.899 ppbv

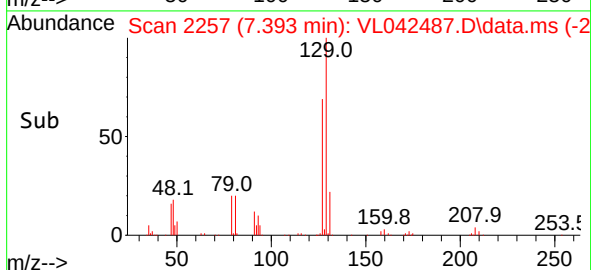
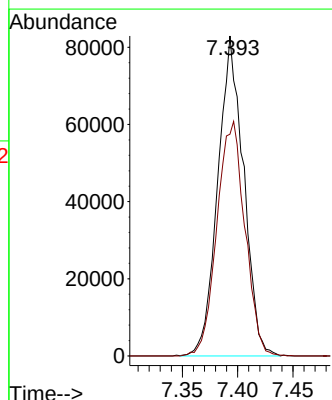
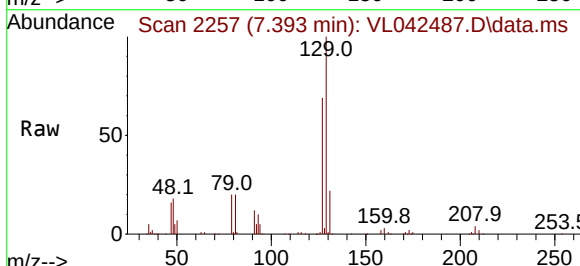
RT: 7.393 min Scan# 2257

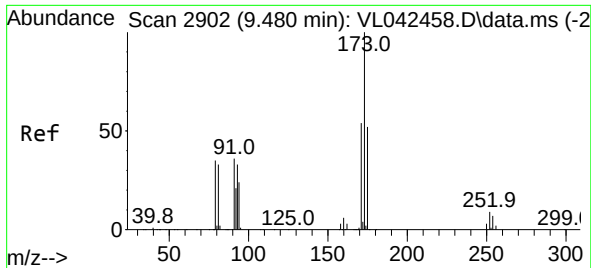
Delta R.T. 0.007 min

Lab File: VL042487.D

Acq: 06 May 2025 09:00

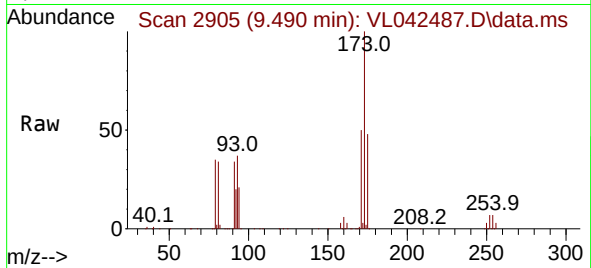
Tgt Ion:129	Resp: 134135
Ion Ratio	Lower Upper
129 100	
127 79.7	39.5 118.5





#49
Bromoform
Concen: 11.565 ppbv
RT: 9.490 min Scan# 2902
Delta R.T. 0.010 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

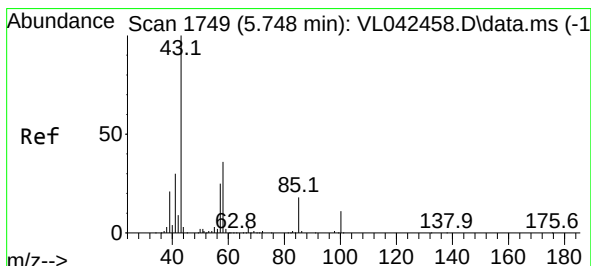
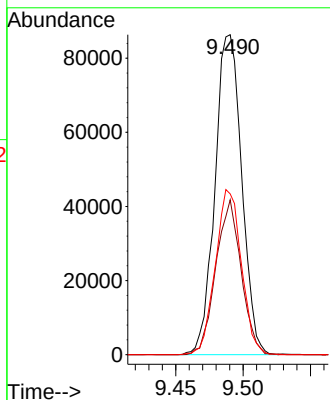
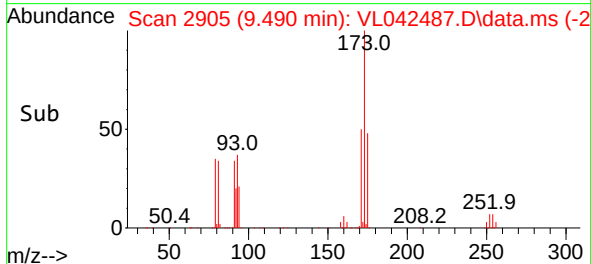
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 173 Resp: 11937
Ion Ratio Lower Upper
173 100
175 45.8 38.9 58.3
171 50.1 40.6 60.8

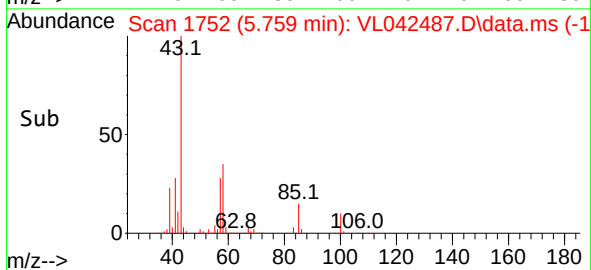
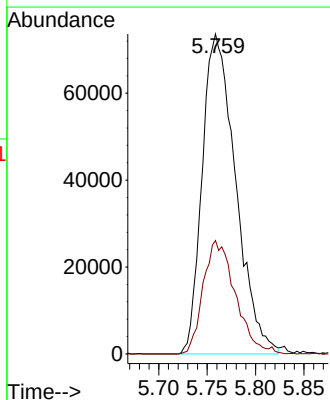
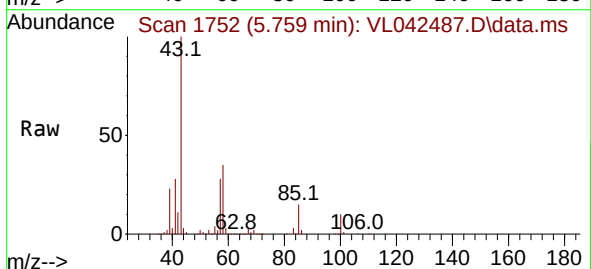
Manual Integrations
APPROVED

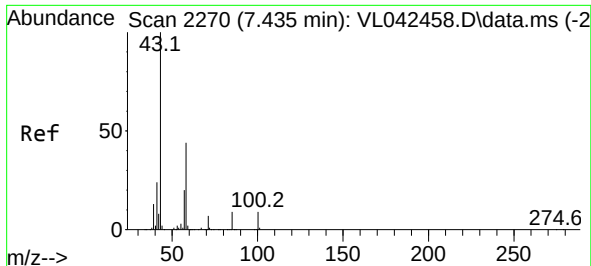
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#50
4-Methyl-2-Pentanone
Concen: 10.283 ppbv
RT: 5.759 min Scan# 1752
Delta R.T. 0.010 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

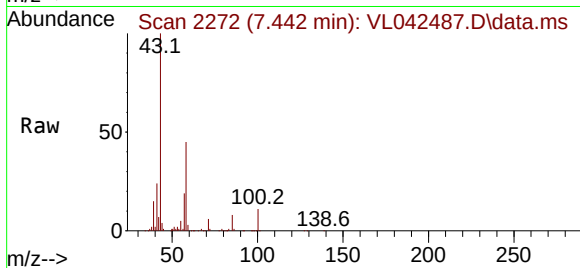
Tgt Ion: 43 Resp: 177017
Ion Ratio Lower Upper
43 100
58 34.2 29.5 44.3





#51
2-Hexanone
Concen: 10.308 ppbv
RT: 7.442 min Scan# 2115
Delta R.T. 0.007 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

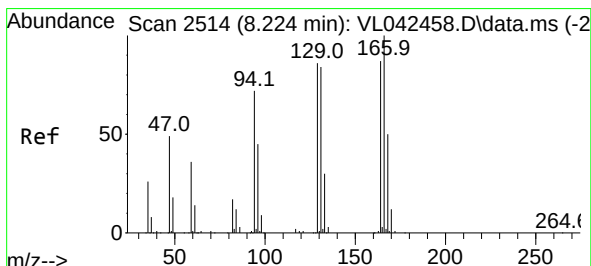
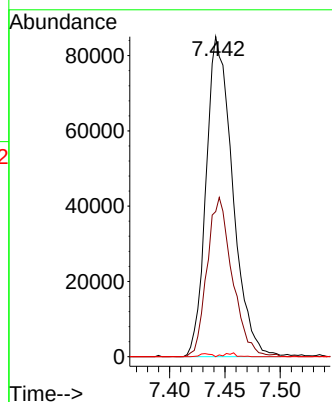
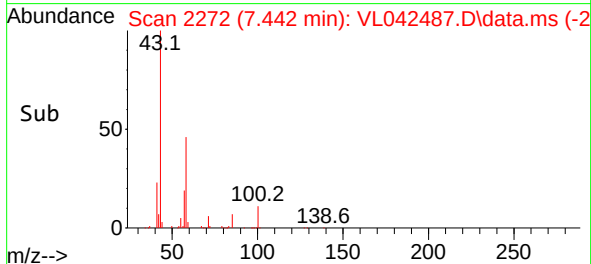
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



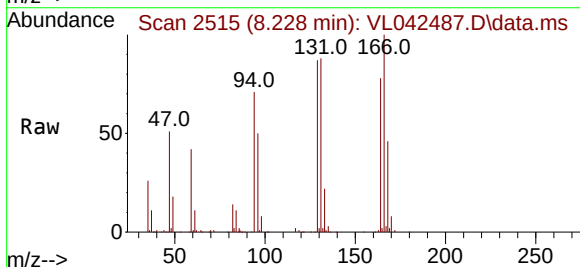
Tgt Ion: 43 Resp: 14187
Ion Ratio Lower Upper
43 100
58 47.3 37.2 55.8
98 0.4 0.4 0.6

Manual Integrations
APPROVED

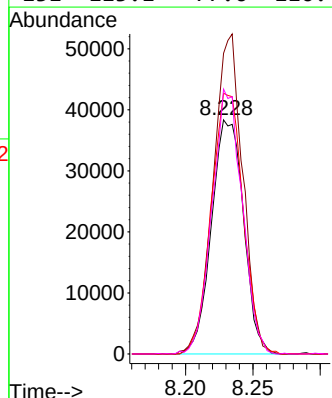
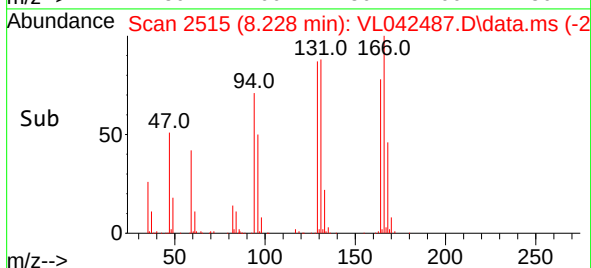
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

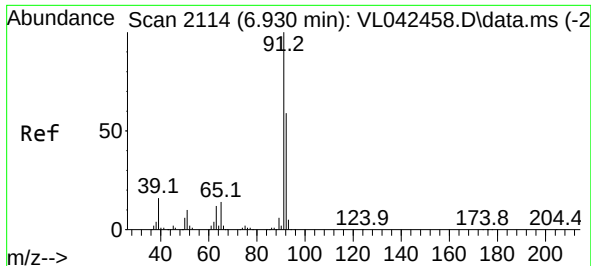


#52
Tetrachloroethene
Concen: 9.354 ppbv
RT: 8.228 min Scan# 2515
Delta R.T. 0.004 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00



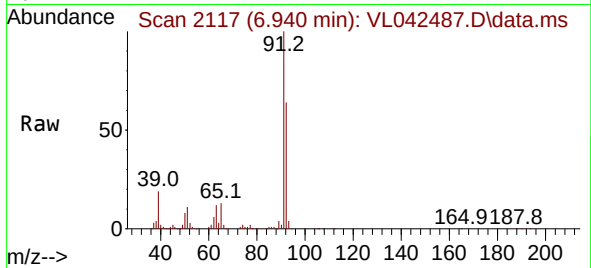
Tgt Ion:164 Resp: 63220
Ion Ratio Lower Upper
164 100
166 128.4 91.6 137.4
129 111.3 79.0 118.4
131 113.1 77.6 116.4





#53
Toluene
Concen: 10.913 ppbv
RT: 6.940 min Scan# 2114
Delta R.T. 0.010 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

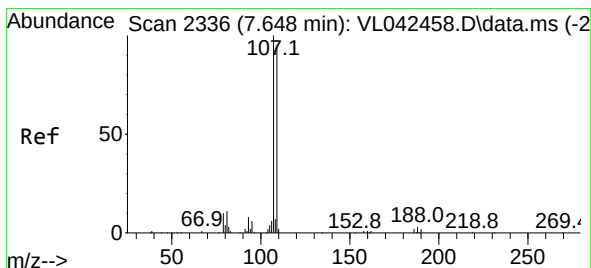
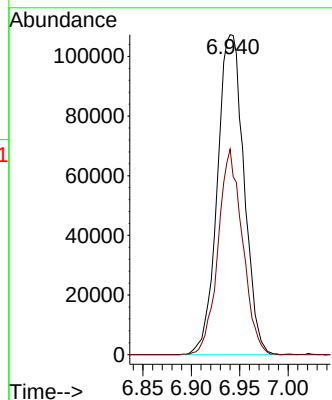
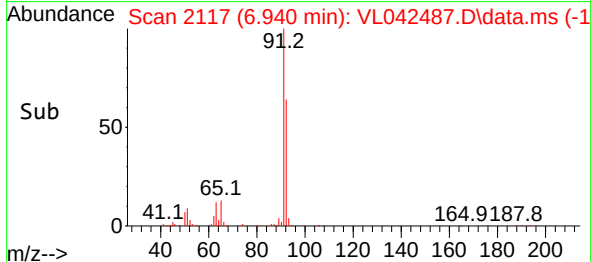
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



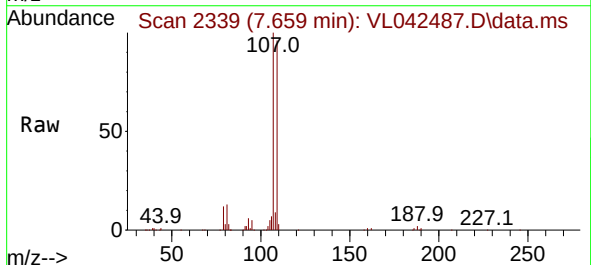
Tgt Ion: 91 Resp: 205094
Ion Ratio Lower Upper
91 100
92 59.0 47.9 71.9

Manual Integrations
APPROVED

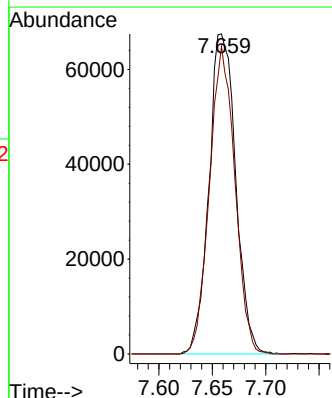
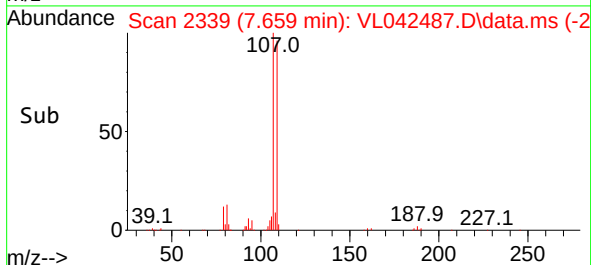
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

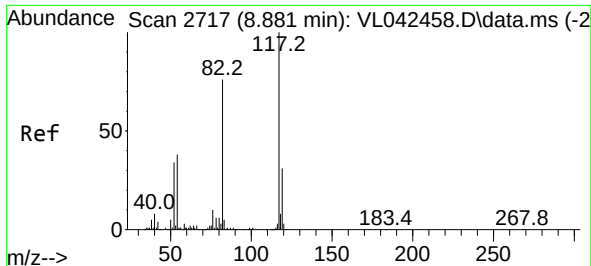


#54
1,2-Dibromoethane
Concen: 10.548 ppbv
RT: 7.659 min Scan# 2339
Delta R.T. 0.010 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00



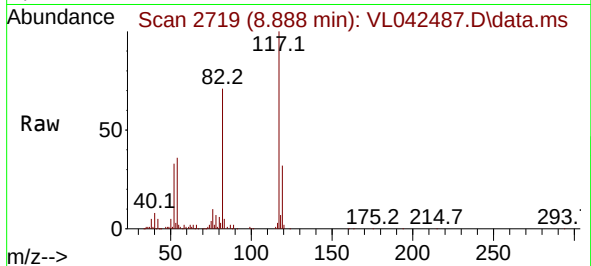
Tgt Ion:107 Resp: 117565
Ion Ratio Lower Upper
107 100
109 96.2 76.0 114.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2719
Delta R.T. 0.007 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

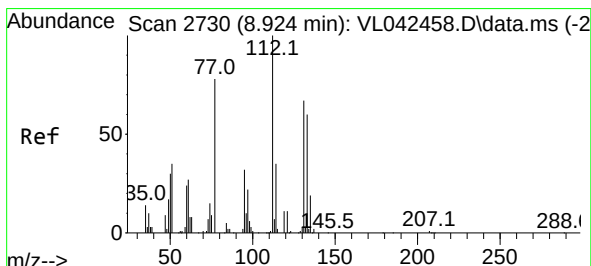
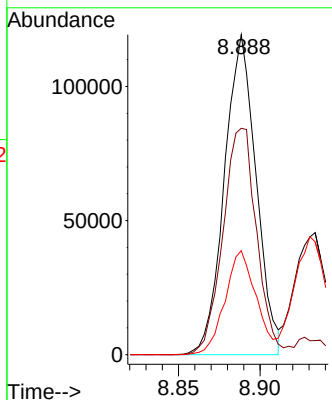
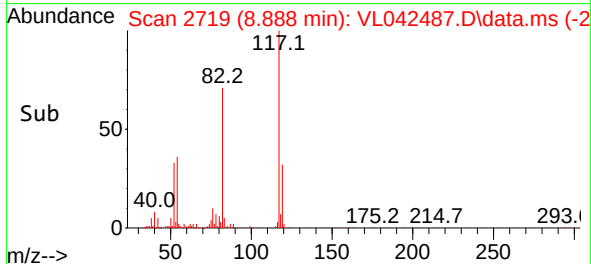
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



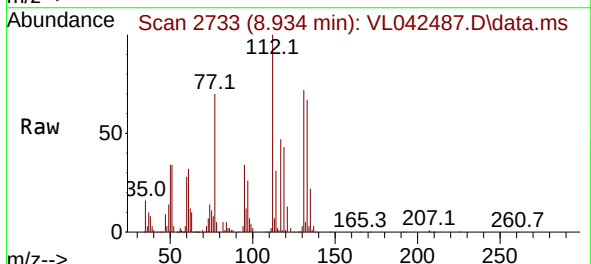
Tgt Ion:117 Resp: 161360
Ion Ratio Lower Upper
117 100
82 75.7 63.5 95.3
119 32.5 25.8 38.8

Manual Integrations
APPROVED

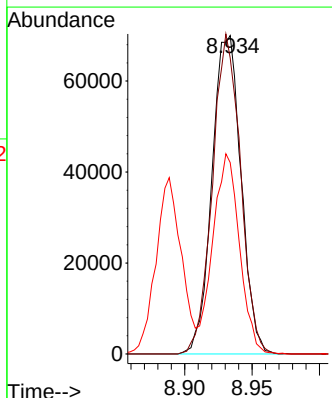
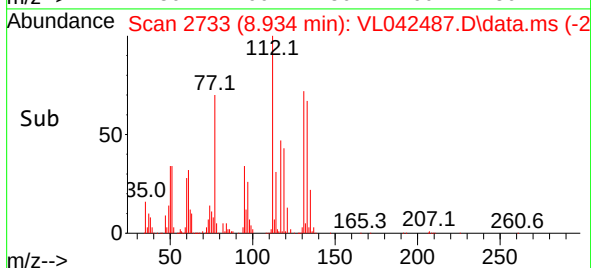
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

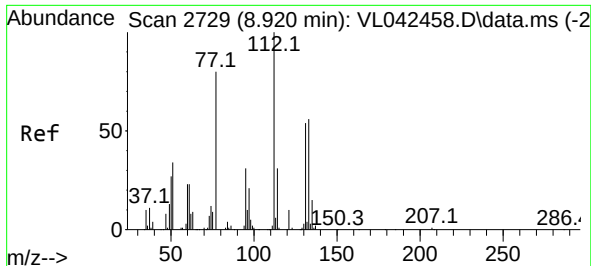


#56
1,1,1,2-Tetrachloroethane
Concen: 11.016 ppbv
RT: 8.934 min Scan# 2733
Delta R.T. 0.010 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00



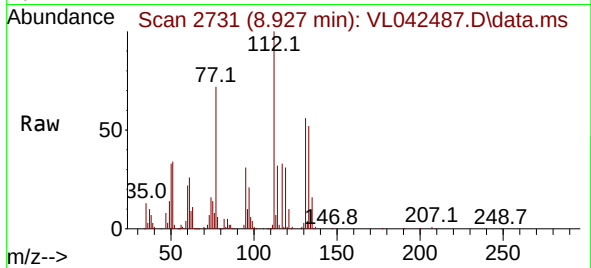
Tgt Ion:131 Resp: 104985
Ion Ratio Lower Upper
131 100
133 97.1 76.0 114.0
119 59.1 46.1 69.1





#57
Chlorobenzene
Concen: 10.428 ppbv
RT: 8.927 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

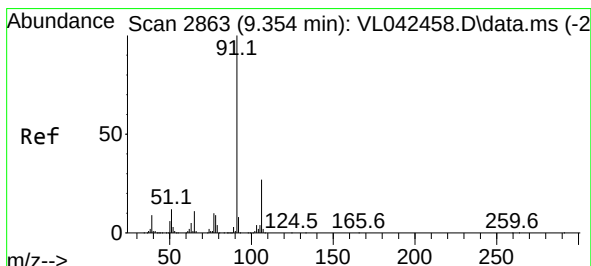
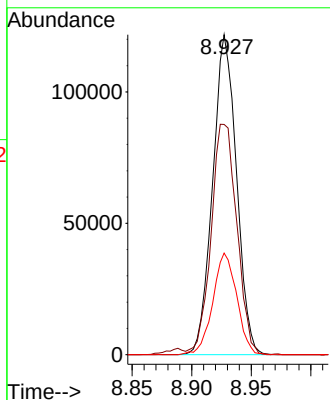
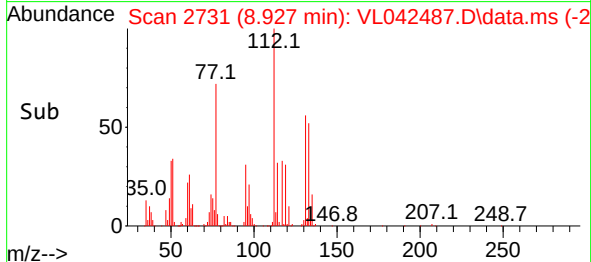
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 169084
Ion Ratio Lower Upper
112 100
77 71.7 65.0 97.4
114 31.8 27.5 33.7

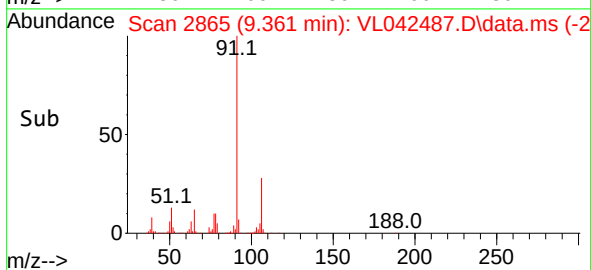
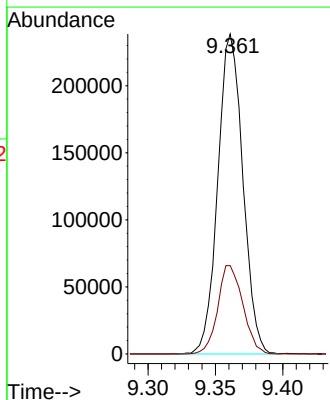
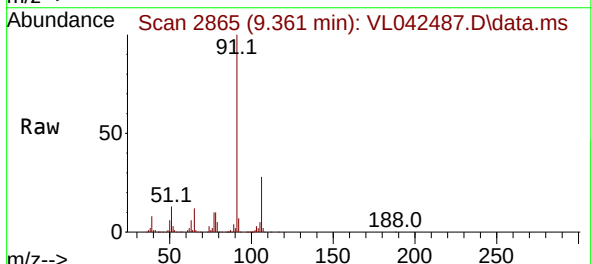
Manual Integrations
APPROVED

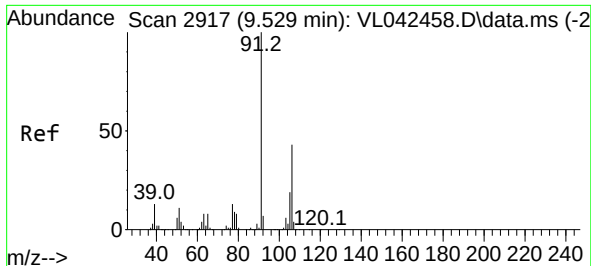
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#58
Ethyl Benzene
Concen: 11.431 ppbv
RT: 9.361 min Scan# 2865
Delta R.T. 0.007 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

Tgt Ion: 91 Resp: 308243
Ion Ratio Lower Upper
91 100
106 27.6 21.9 32.9





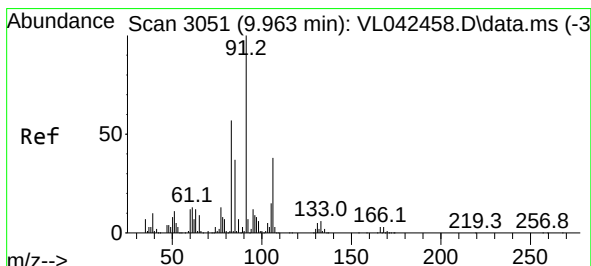
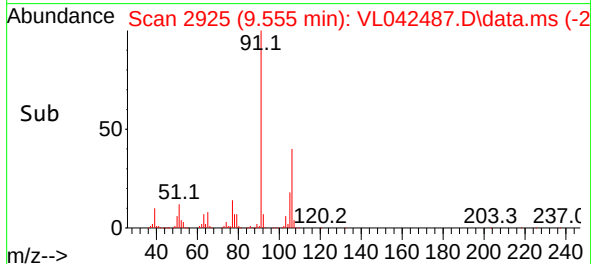
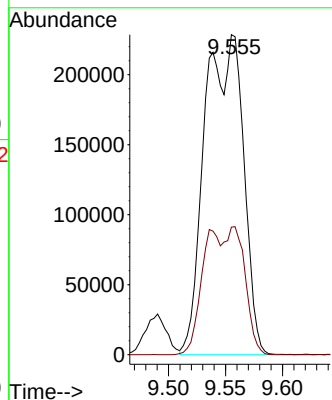
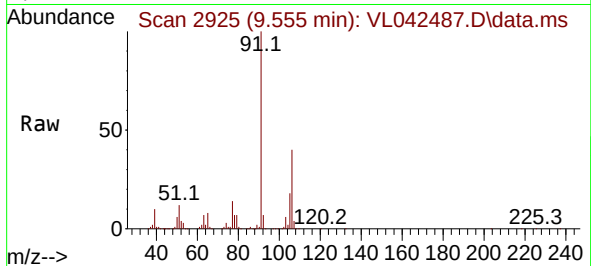
#59
m/p-Xylene
Concen: 23.920 ppbv m
RT: 9.555 min Scan# 2917
Delta R.T. 0.026 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 54076
Ion Ratio Lower Upper
91 100
106 0.0 34.2 51.2

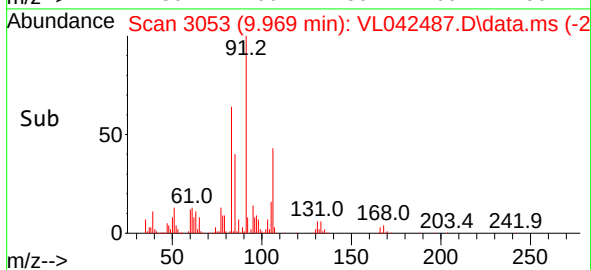
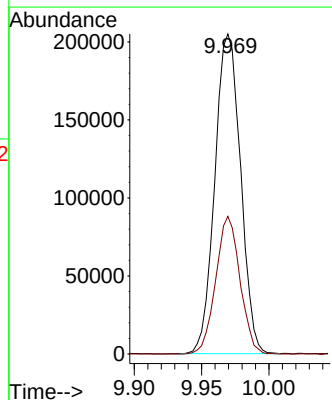
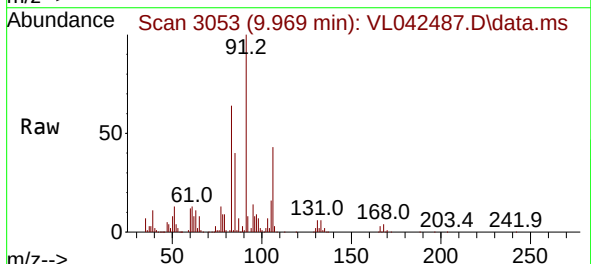
Manual Integrations
APPROVED

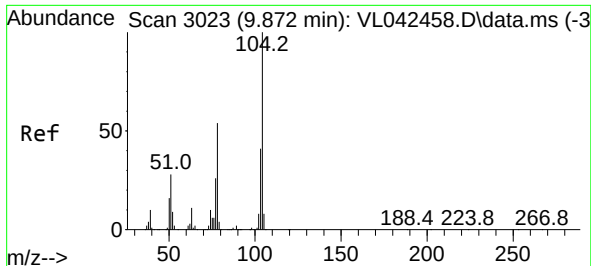
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#60
o-Xylene
Concen: 12.013 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. 0.007 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

Tgt Ion: 91 Resp: 271925
Ion Ratio Lower Upper
91 100
106 40.5 20.1 60.2





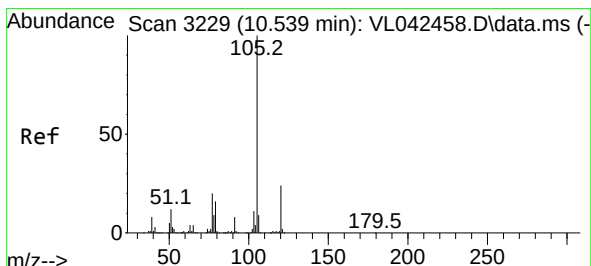
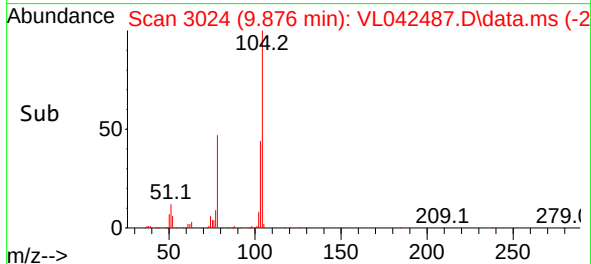
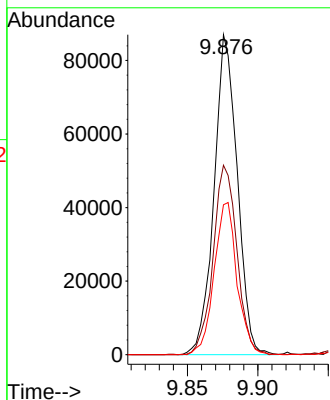
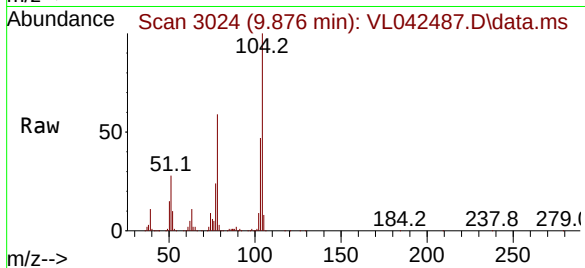
#61
Styrene
Concen: 11.828 ppbv
RT: 9.876 min Scan# 3023
Delta R.T. 0.004 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 9990
Ion Ratio Lower Upper
104 100
78 61.0 46.9 70.3
103 47.1 36.6 55.0

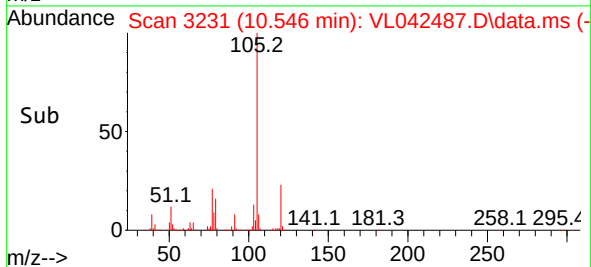
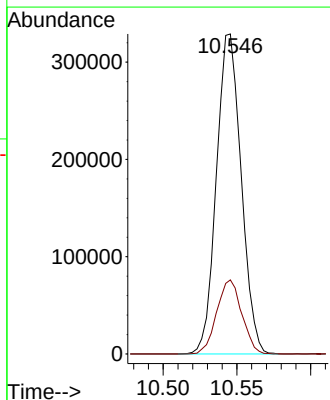
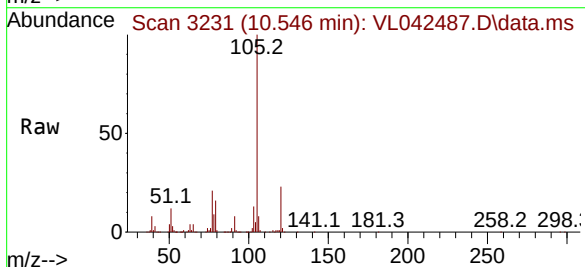
Manual Integrations
APPROVED

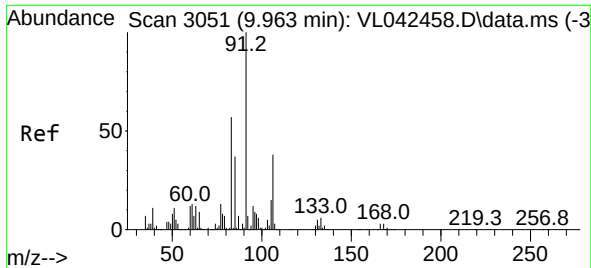
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#62
Isopropylbenzene
Concen: 11.784 ppbv
RT: 10.546 min Scan# 3231
Delta R.T. 0.007 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

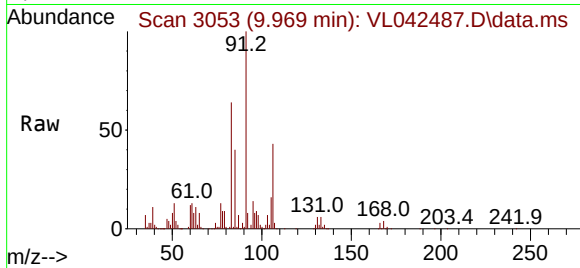
Tgt Ion:105 Resp: 384743
Ion Ratio Lower Upper
105 100
120 23.3 18.8 28.2





#63
1,1,2,2-Tetrachloroethane
Concen: 10.748 ppbv
RT: 9.969 min Scan# 3051
Delta R.T. 0.007 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

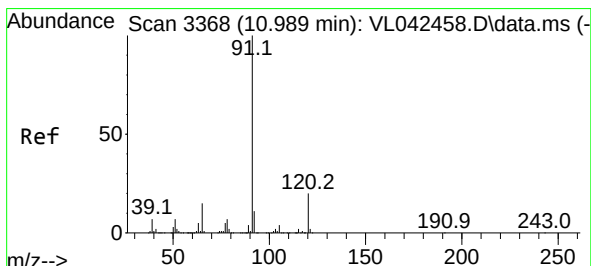
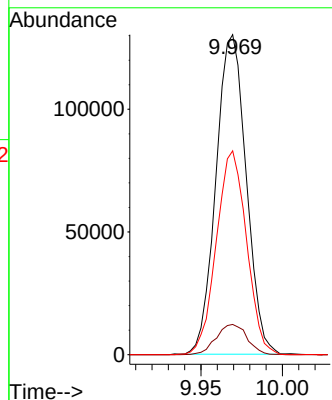
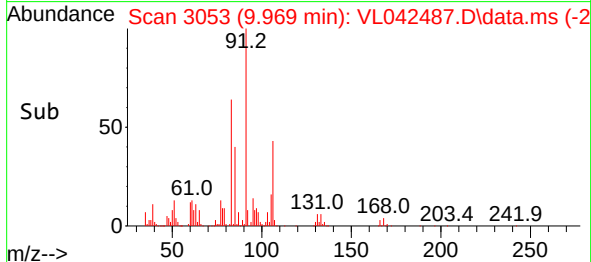
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



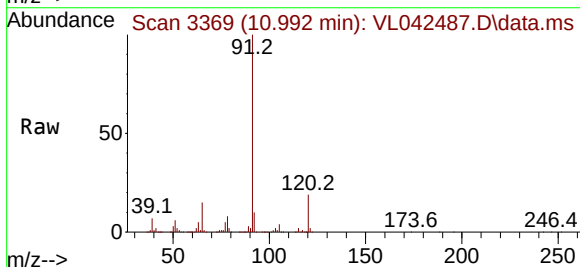
Tgt Ion: 83 Resp: 167724
Ion Ratio Lower Upper
83 100
131 9.7 4.7 14.1
85 63.8 32.5 97.4

Manual Integrations
APPROVED

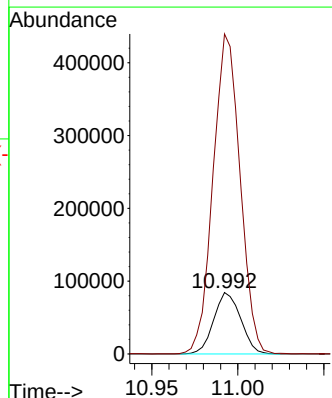
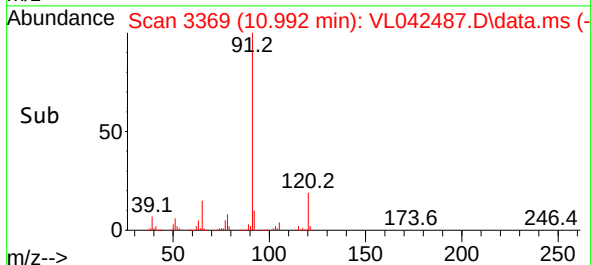
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

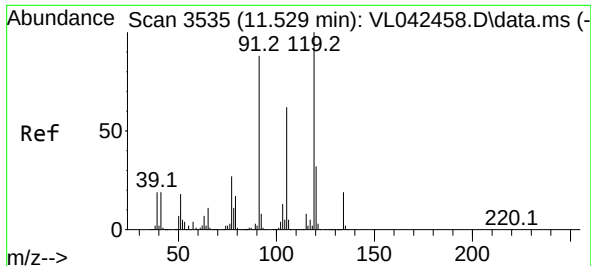


#64
n-propylbenzene
Concen: 11.517 ppbv
RT: 10.992 min Scan# 3369
Delta R.T. 0.004 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00



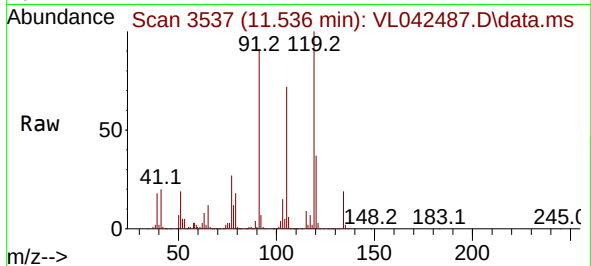
Tgt Ion:120 Resp: 91898
Ion Ratio Lower Upper
120 100
91 523.8 408.6 612.8





#65
tert-Butylbenzene
Concen: 12.010 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. 0.007 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

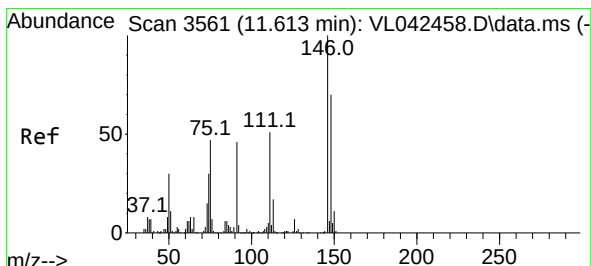
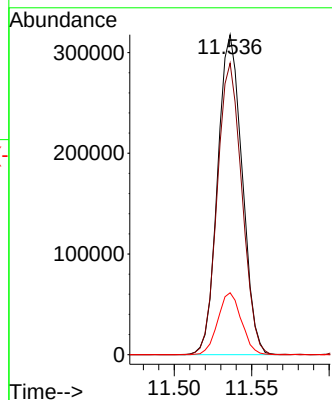
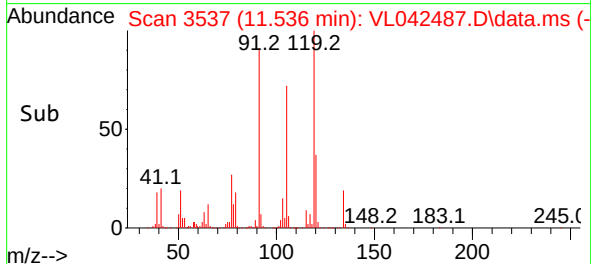
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



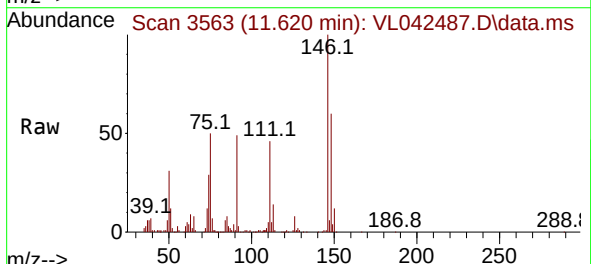
Tgt Ion: 119 Resp: 34993
Ion Ratio Lower Upper
119 100
91 91.5 71.6 107.4
134 18.6 15.0 22.4

Manual Integrations
APPROVED

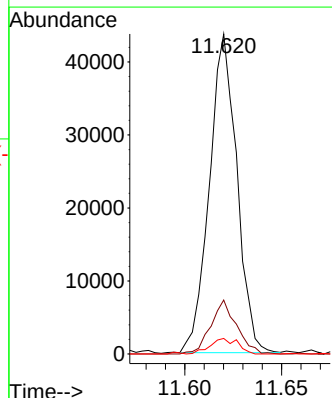
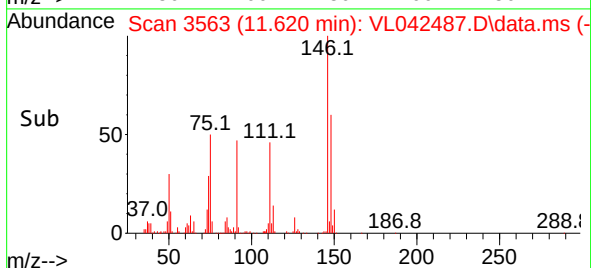
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

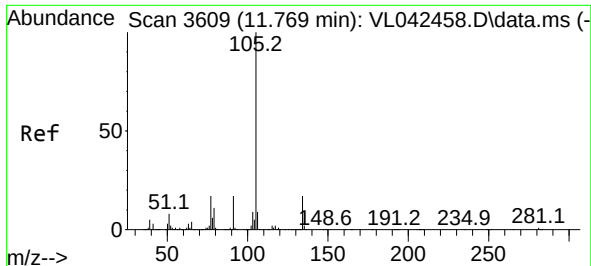


#66
Benzyl Chloride
Concen: 12.798 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. 0.007 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00



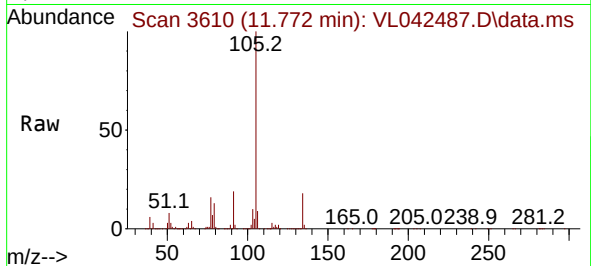
Tgt Ion: 91 Resp: 43100
Ion Ratio Lower Upper
91 100
126 15.9 13.3 19.9
128 5.1 4.2 6.4





#67
 sec-Butylbenzene
 Concen: 11.992 ppbv
 RT: 11.772 min Scan# 3610
 Delta R.T. 0.004 min
 Lab File: VL042487.D
 Acq: 06 May 2025 09:00

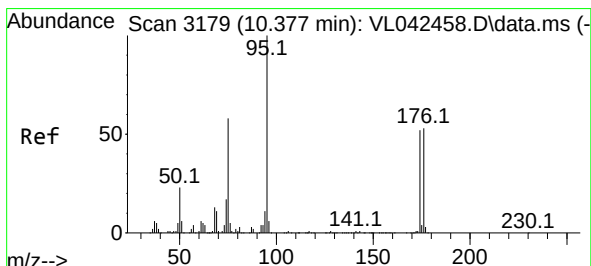
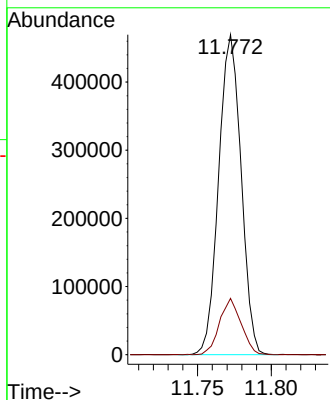
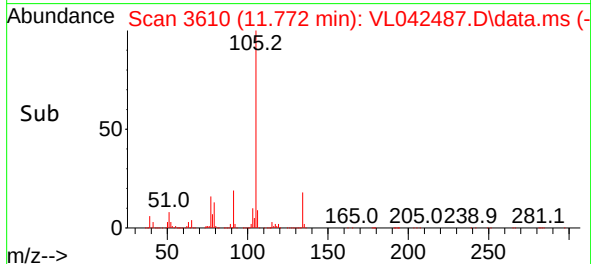
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



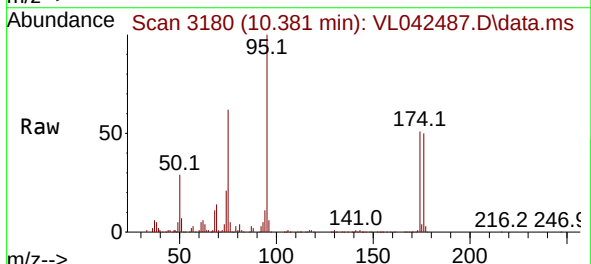
Tgt Ion: 105 Resp: 496533
 Ion Ratio Lower Upper
 105 100
 134 17.0 14.1 21.1

Manual Integrations
 APPROVED

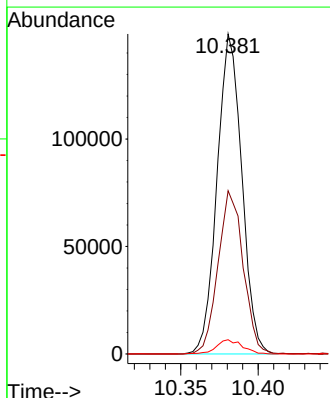
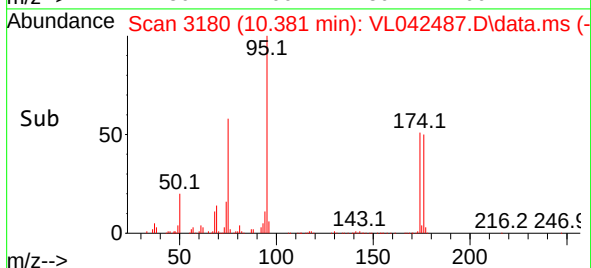
Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025

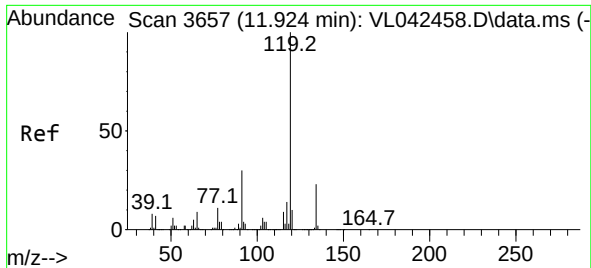


#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.051 ppbv
 RT: 10.381 min Scan# 3180
 Delta R.T. 0.004 min
 Lab File: VL042487.D
 Acq: 06 May 2025 09:00



Tgt Ion: 95 Resp: 165339
 Ion Ratio Lower Upper
 95 100
 174 51.9 42.7 64.1
 175 4.6 3.6 5.4





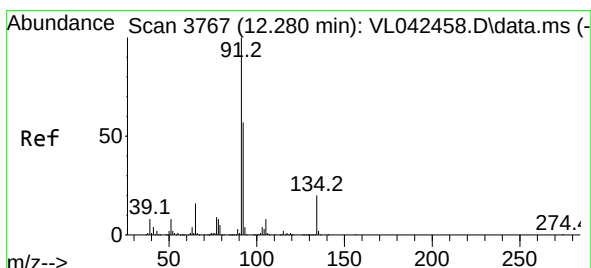
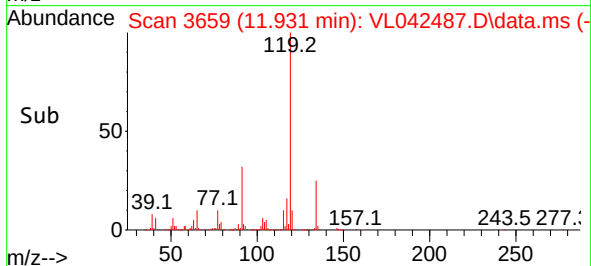
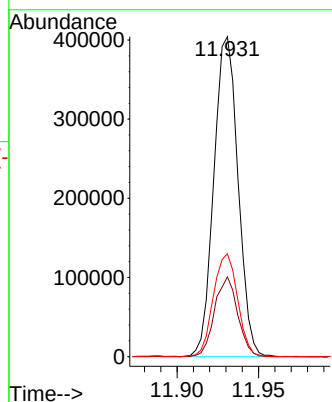
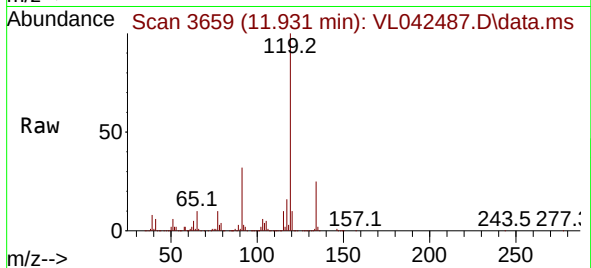
#69
p-Isopropyltoluene
Concen: 11.931 ppbv
RT: 11.931 min Scan# 3659
Delta R.T. 0.007 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 119 Resp: 41624
Ion Ratio Lower Upper
119 100
134 23.8 19.0 28.4
91 32.6 25.5 38.3

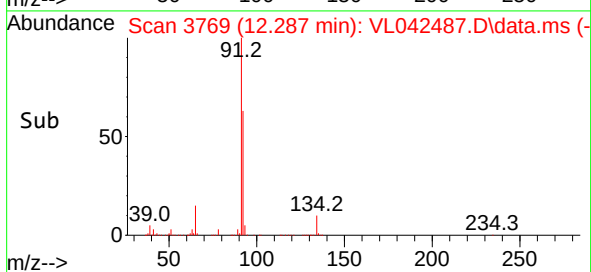
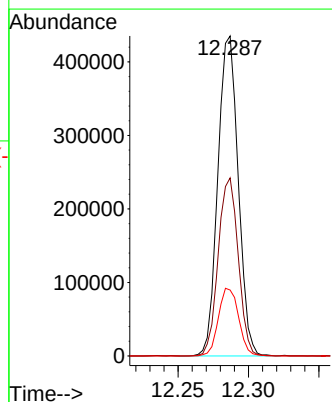
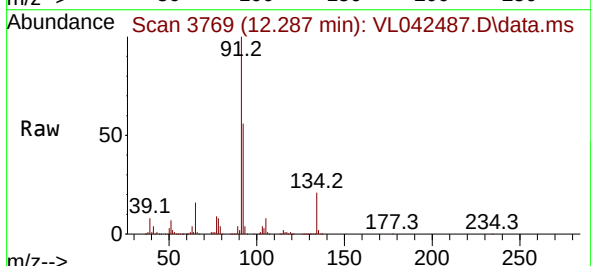
Manual Integrations
APPROVED

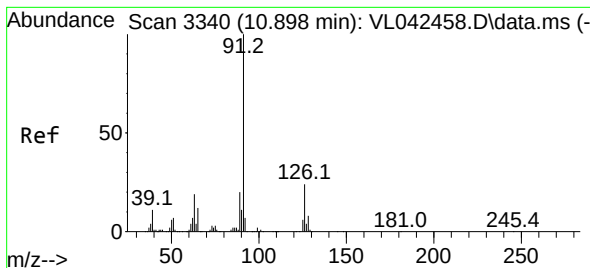
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#70
n-Butylbenzene
Concen: 12.144 ppbv
RT: 12.287 min Scan# 3769
Delta R.T. 0.007 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

Tgt Ion: 91 Resp: 437958
Ion Ratio Lower Upper
91 100
92 54.8 44.0 66.0
134 21.0 16.8 25.2





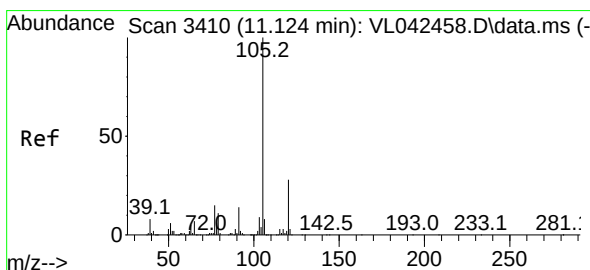
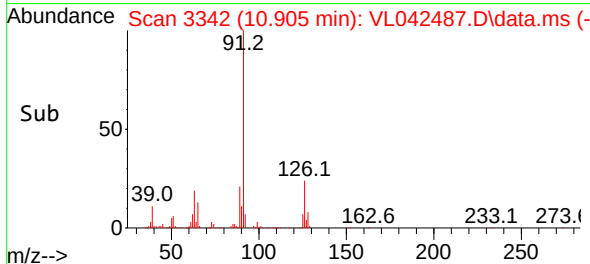
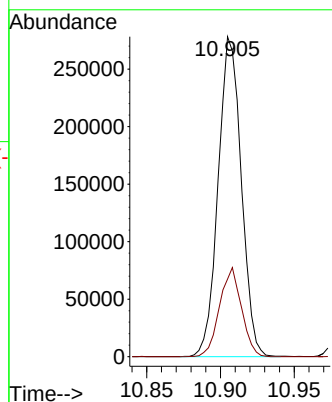
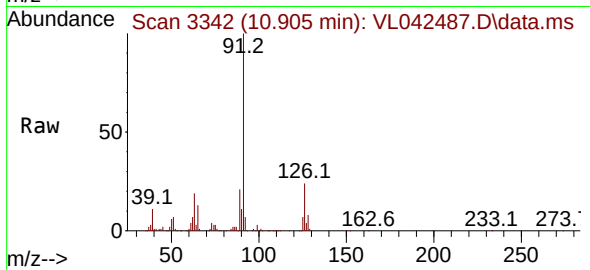
#71
2-Chlorotoluene
Concen: 11.862 ppbv
RT: 10.905 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 303775
Ion Ratio Lower Upper
91 100
126 26.3 10.6 42.2

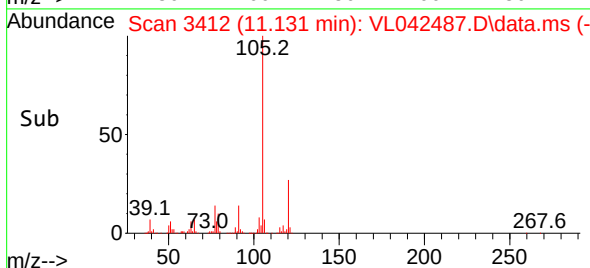
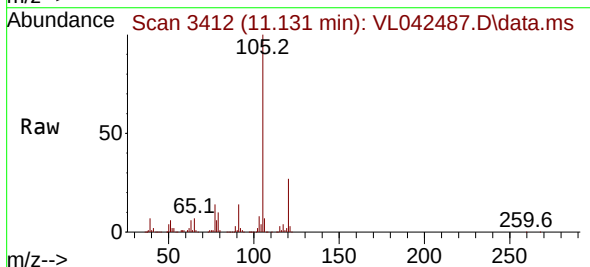
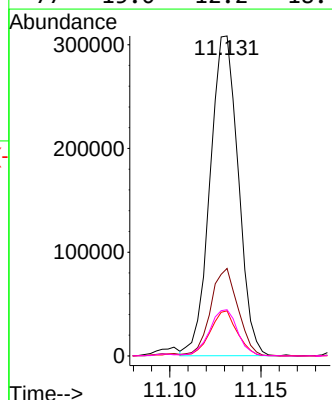
Manual Integrations
APPROVED

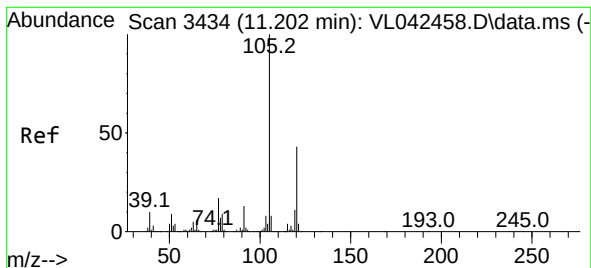
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#72
4-Ethyltoluene
Concen: 12.424 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. 0.007 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

Tgt Ion:105 Resp: 331569
Ion Ratio Lower Upper
105 100
120 27.2 22.0 33.0
91 14.2 11.2 16.8
77 15.0 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 12.248 ppbv

RT: 11.209 min Scan# 3434

Delta R.T. 0.007 min

Lab File: VL042487.D

Acq: 06 May 2025 09:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 28747

Ion Ratio Lower Upper

105 100

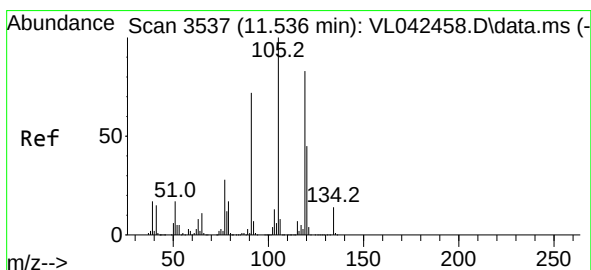
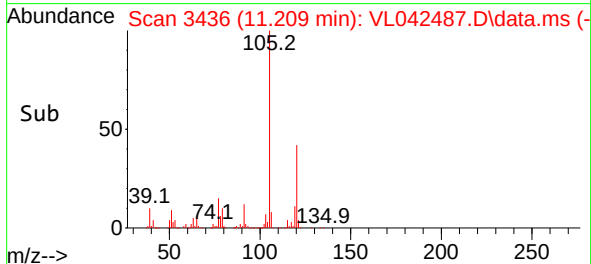
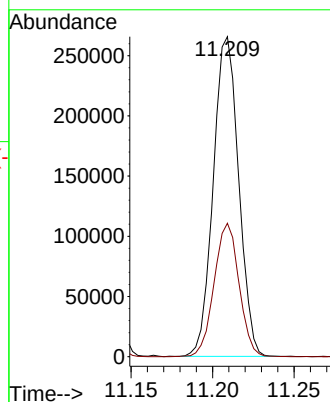
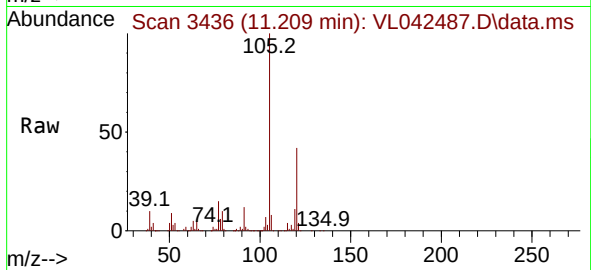
120 41.7 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025

Supervised By :Mahesh Dadoda 05/09/2025



#74

1,2,4-Trimethylbenzene

Concen: 11.441 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.007 min

Lab File: VL042487.D

Acq: 06 May 2025 09:00

Tgt Ion:105 Resp: 324889

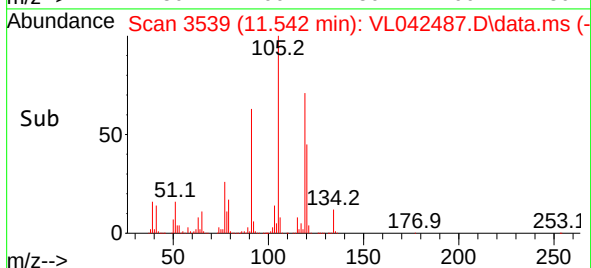
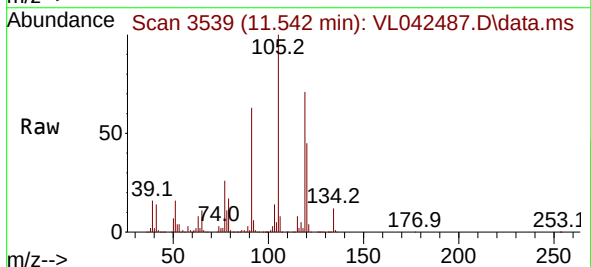
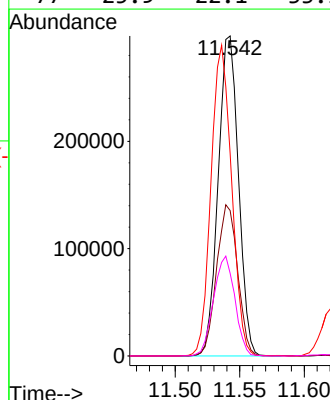
Ion Ratio Lower Upper

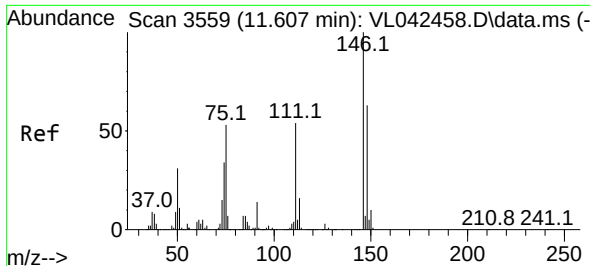
105 100

120 45.4 36.1 54.1

91 63.3 57.6 86.4

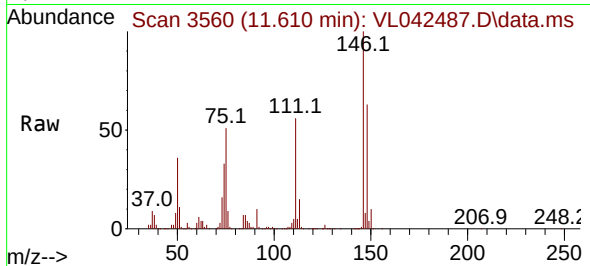
77 25.9 22.1 33.1





#75
1,3-Dichlorobenzene
Concen: 11.074 ppbv
RT: 11.610 min Scan# 3560
Delta R.T. 0.004 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

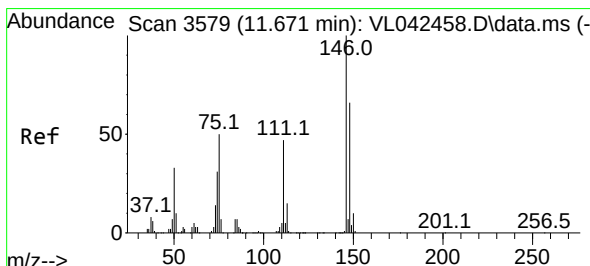
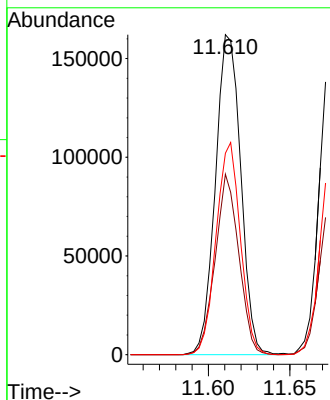
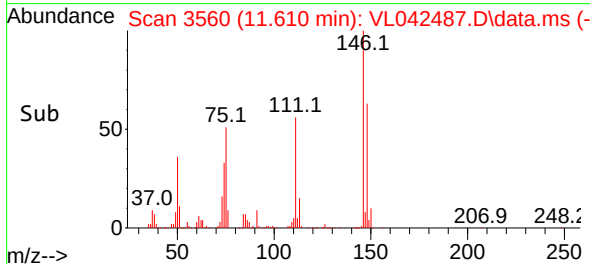
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



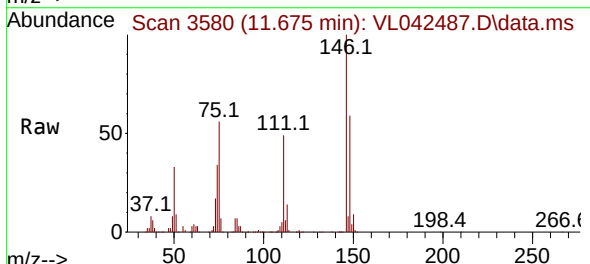
Tgt Ion:146 Resp: 175080
Ion Ratio Lower Upper
146 100
111 52.7 26.1 78.3
148 63.5 32.0 96.0

Manual Integrations
APPROVED

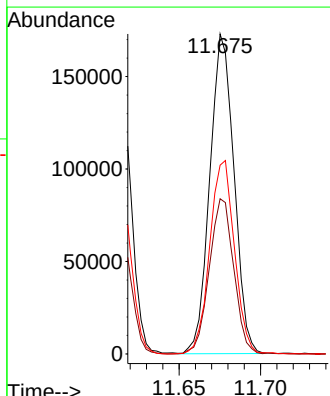
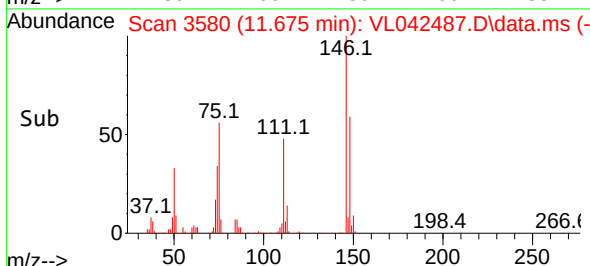
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

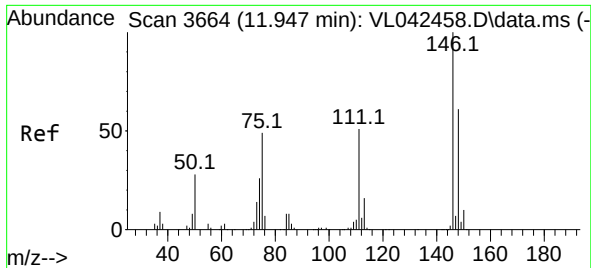


#76
1,4-Dichlorobenzene
Concen: 11.906 ppbv
RT: 11.675 min Scan# 3580
Delta R.T. 0.004 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00



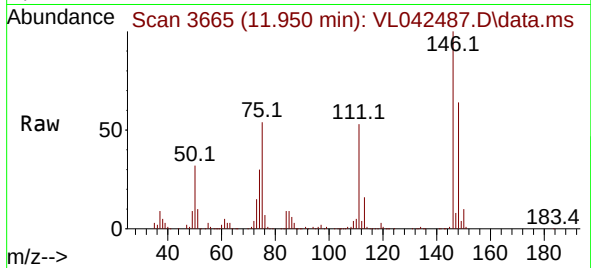
Tgt Ion:146 Resp: 178127
Ion Ratio Lower Upper
146 100
111 49.2 24.4 73.2
148 62.0 32.0 96.2





#77
1,2-Dichlorobenzene
Concen: 11.034 ppbv
RT: 11.950 min Scan# 3665
Delta R.T. 0.004 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

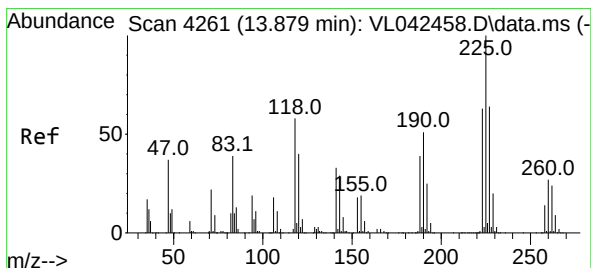
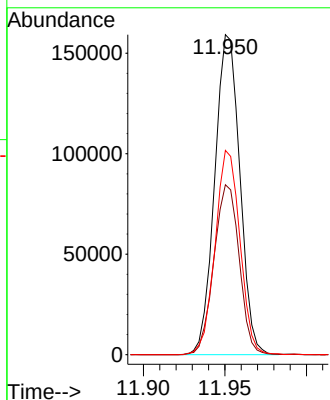
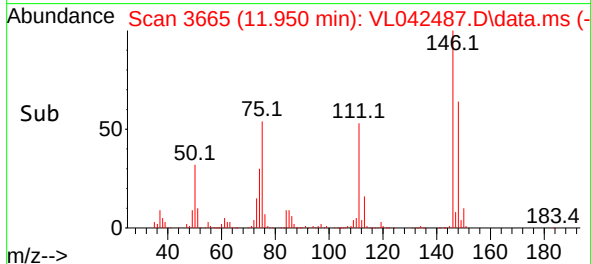
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



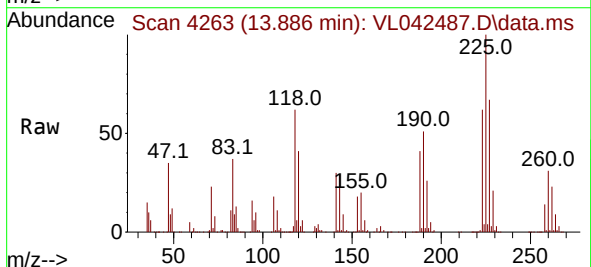
Tgt Ion:146 Resp: 17074
Ion Ratio Lower Upper
146 100
111 53.4 26.5 79.5
148 63.2 31.5 94.5

Manual Integrations
APPROVED

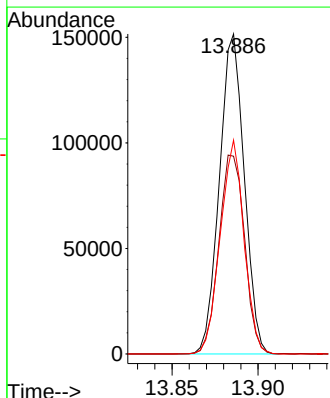
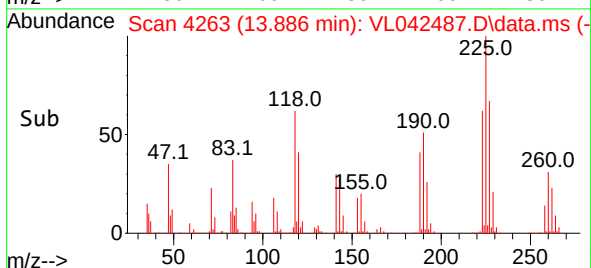
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

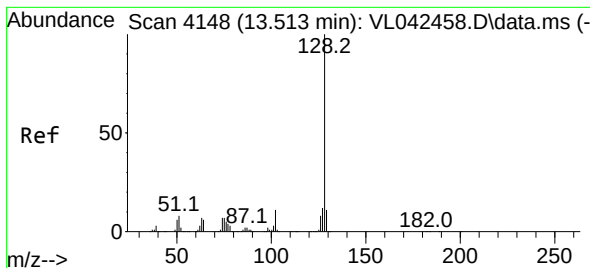


#78
Hexachloro-1,3-Butadiene
Concen: 9.859 ppbv
RT: 13.886 min Scan# 4263
Delta R.T. 0.007 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00



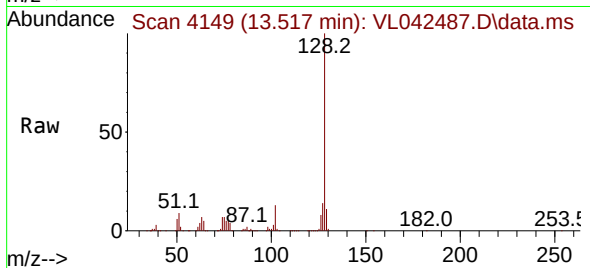
Tgt Ion:225 Resp: 152349
Ion Ratio Lower Upper
225 100
223 64.5 50.2 75.4
227 63.8 51.2 76.8





#79
Naphthalene
Concen: 12.239 ppbv
RT: 13.517 min Scan# 4148
Delta R.T. 0.004 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00

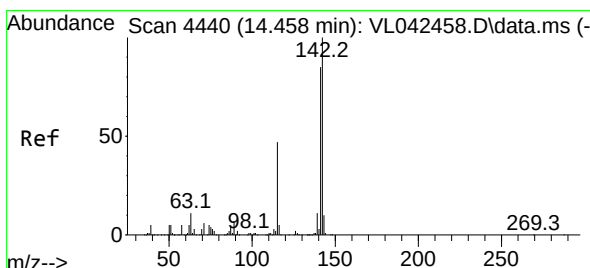
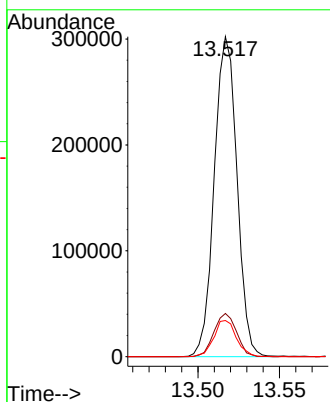
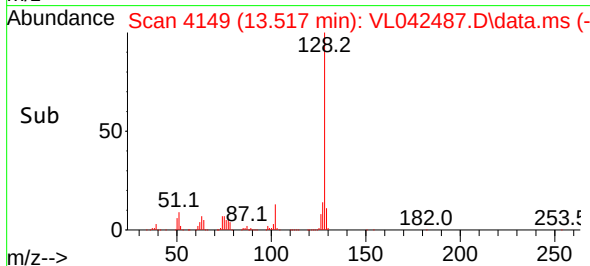
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



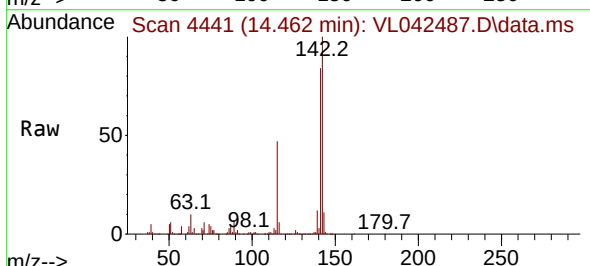
Tgt Ion:128 Resp: 292585
Ion Ratio Lower Upper
128 100
127 13.5 9.7 14.5
129 11.3 8.6 13.0

Manual Integrations
APPROVED

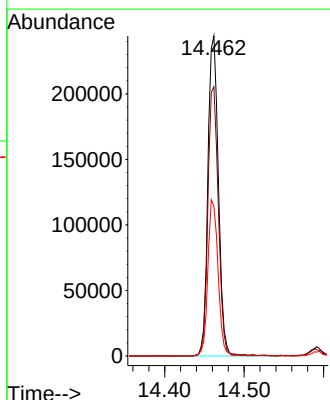
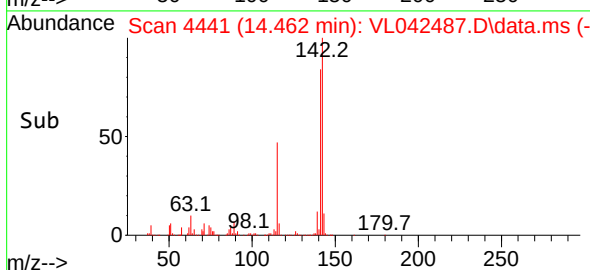
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

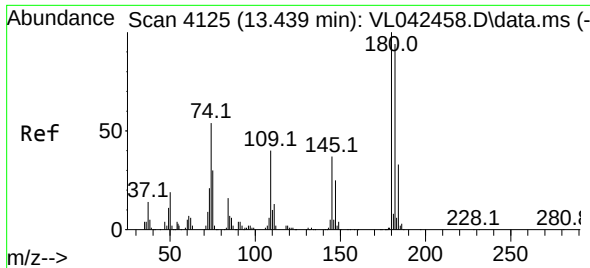


#80
Naphthalene,2-methyl-
Concen: 12.673 ppbv
RT: 14.462 min Scan# 4441
Delta R.T. 0.004 min
Lab File: VL042487.D
Acq: 06 May 2025 09:00



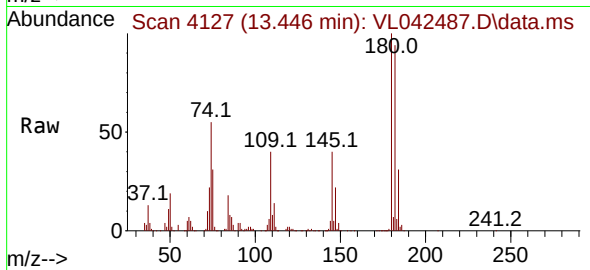
Tgt Ion:142 Resp: 225180
Ion Ratio Lower Upper
142 100
141 83.9 67.4 101.0
115 47.3 36.9 55.3





#81
 1,2,4-Trichlorobenzene
 Concen: 11.147 ppbv
 RT: 13.446 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL042487.D
 Acq: 06 May 2025 09:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 14212
 Ion Ratio Lower Upper
 180 100
 182 95.1 74.6 111.8
 184 30.4 24.9 37.3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025

