

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL093025\
 Data File : VL043018.D
 Acq On : 30 Sep 2025 09:04
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/01/2025
 Supervised By : Mahesh Dadoda 10/03/2025

Quant Time: Sep 30 23:55:34 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL093025AIR.M

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

QLast Update : Tue Sep 30 23:54:02 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	152530	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	481572	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	435527	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.377 95 335426 10.167 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	245752	9.310	ppbv	100
3) Chlorodifluoromethane	1.476	51	262204	9.329	ppbv	100
4) Chloromethane	1.534	50	92804	9.263	ppbv	100
5) Vinyl Chloride	1.583	62	84772	8.723	ppbv	100
6) Bromomethane	1.670	94	33291	9.479	ppbv	100
7) Chloroethane	1.706	64	35300	9.099	ppbv	100
8) Dichlorotetrafluoroethane	1.557	85	204699	9.513	ppbv	100
9) Propene	1.486	41	105165	9.619	ppbv	100
10) Heptane	4.981	43	287980	10.213	ppbv	100
11) Trichlorofluoromethane	1.881	101	249489	9.379	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.140	101	199476	9.462	ppbv	100
13) Ethanol	1.722	45	8581	9.734	ppbv	94
14) Bromoethene	1.784	108	74341	9.462	ppbv	100
15) Acetone	1.835	43	173073	7.958	ppbv	100
16) 1,3-Butadiene	1.612	39	80901	8.787	ppbv	100
17) tert-Butyl alcohol	2.039	59	226585	9.324	ppbv	100
18) 1,1-Dichloroethene	2.036	96	88534	9.338	ppbv	100
19) Isopropyl Alcohol	1.887	45	116152	9.081	ppbv	100
20) Methylene Chloride	2.062	84	79529	9.205	ppbv	100
21) Allyl Chloride	2.098	41	140789	9.568	ppbv	100
22) trans-1,2-Dichloroethene	2.344	96	101892	9.493	ppbv	100
23) Vinyl Acetate	2.463	43	288833	9.613	ppbv	100
24) 1,1-Dichloroethane	2.412	63	190347	9.423	ppbv	100
25) Ethyl Acetate	2.836	43	508936	9.174	ppbv	100
26) Hexane	2.829	57	237594	8.234	ppbv	100
27) Carbon Disulfide	2.153	76	241656	9.522	ppbv	100
28) Methyl tert-Butyl Ether	2.441	73	147599	10.450	ppbv	100
29) Chloroform	2.848	83	340691	9.489	ppbv	100
30) Cyclohexane	3.858	84	200066	10.067	ppbv	100
31) cis-1,2-Dichloroethene	2.722	61	228440	9.751	ppbv	100
32) 1,1,1-Trichloroethane	3.370	97	347995	9.568	ppbv	100
34) 2-Butanone	2.557	43	323504	9.541	ppbv	100
35) Carbon Tetrachloride	3.764	117	352910	9.030	ppbv	100
36) Benzene	3.658	78	467720	9.690	ppbv	100
37) 1,2-Dichloroethane	3.221	62	260052	9.429	ppbv	100
38) Trichloroethene	4.551	130	230117	9.304	ppbv	100
39) 1,2-Dichloropropane	4.315	63	167757	9.466	ppbv	100
40) 1,4-Dioxane	4.583	88	75431	10.035	ppbv #	100
41) Tetrahydrofuran	3.052	42	182673	10.116	ppbv	100
42) Bromodichloromethane	4.489	83	369811	9.653	ppbv	100
43) Methyl Methacrylate	4.881	69	178713	10.538	ppbv	100
44) 2,2,4-Trimethylpentane	4.642	57	768864	9.683	ppbv	100
45) t-1,3-Dichloropropene	6.415	75	201168	10.433	ppbv	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL093025\
 Data File : VL043018.D
 Acq On : 30 Sep 2025 09:04
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2025
 Supervised By :Mahesh Dadoda 10/03/2025

Quant Time: Sep 30 23:55:34 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL093025AIR.M

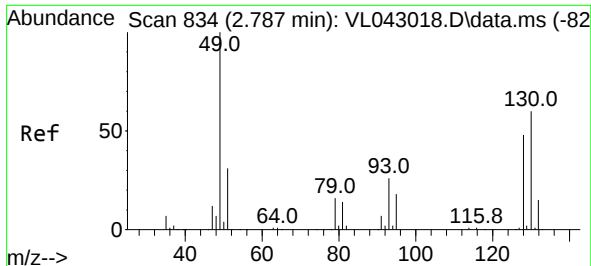
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Sep 30 23:54:02 2025

Response via : Initial Calibration

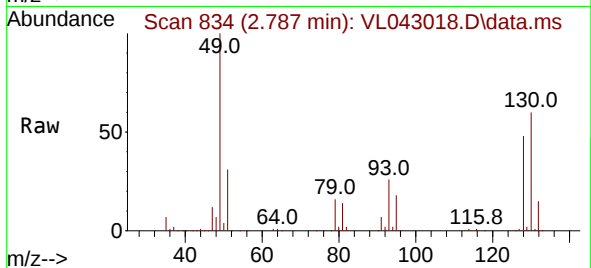
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.603	75	257695	10.245	ppbv	100
47) 1,1,2-Trichloroethane	6.584	97	181117	9.634	ppbv	100
48) Dibromochloromethane	7.389	129	318763	9.836	ppbv	100
49) Bromoform	9.484	173	279935	10.180	ppbv	100
50) 4-Methyl-2-Pentanone	5.745	43	437662	10.115	ppbv	100
51) 2-Hexanone	7.435	43	350573	10.995	ppbv	100
52) Tetrachloroethene	8.228	164	173739	9.030	ppbv	100
53) Toluene	6.936	91	541908	10.068	ppbv	100
54) 1,2-Dibromoethane	7.655	107	258052	9.836	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.927	131	234673	9.509	ppbv	100
57) Chlorobenzene	8.924	112	422421	9.409	ppbv	100
58) Ethyl Benzene	9.357	91	743277	10.068	ppbv	100
59) m/p-Xylene	9.552	91	1183211m	19.920	ppbv	
60) o-Xylene	9.966	91	592630	10.039	ppbv	100
61) Styrene	9.872	104	271562	10.868	ppbv	100
62) Isopropylbenzene	10.542	105	871327	9.913	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.966	83	293025	9.248	ppbv	100
64) n-propylbenzene	10.989	120	226471	9.886	ppbv	100
65) tert-Butylbenzene	11.532	119	776480	9.755	ppbv	100
66) Benzyl Chloride	11.617	91	69902	11.008	ppbv	100
67) sec-Butylbenzene	11.769	105	1059591	9.546	ppbv	100
69) p-Isopropyltoluene	11.927	119	912492	9.871	ppbv	100
70) n-Butylbenzene	12.283	91	899952	10.076	ppbv	100
71) 2-Chlorotoluene	10.901	91	651840	9.943	ppbv	100
72) 4-Ethyltoluene	11.128	105	736218	10.137	ppbv	100
73) 1,3,5-Trimethylbenzene	11.205	105	606727	9.908	ppbv	100
74) 1,2,4-Trimethylbenzene	11.539	105	666377	9.641	ppbv	100
75) 1,3-Dichlorobenzene	11.610	146	419914	9.510	ppbv	100
76) 1,4-Dichlorobenzene	11.672	146	417361	9.672	ppbv	100
77) 1,2-Dichlorobenzene	11.947	146	399469	9.265	ppbv	100
78) Hexachloro-1,3-Butadiene	13.882	225	304210	8.822	ppbv	100
79) Naphthalene	13.513	128	644643	11.821	ppbv	100
80) Naphthalene,2-methyl-	14.458	142	163081	11.559	ppbv	100
81) 1,2,4-Trichlorobenzene	13.442	180	351051	10.616	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 834
Delta R.T. -0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04

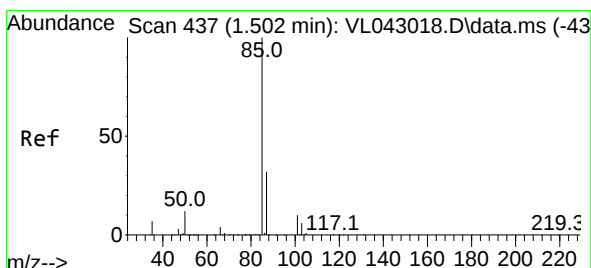
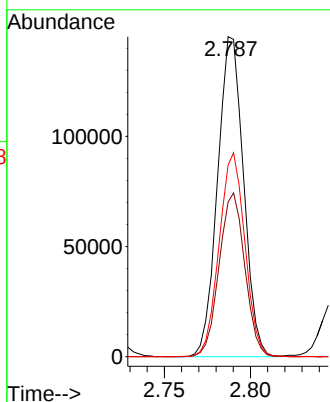
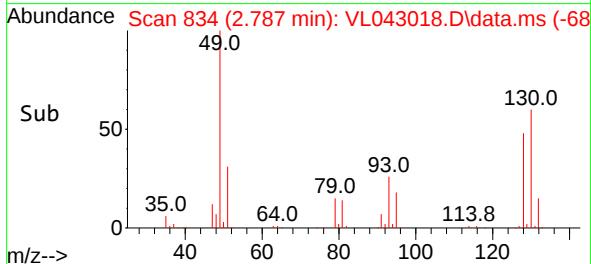
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



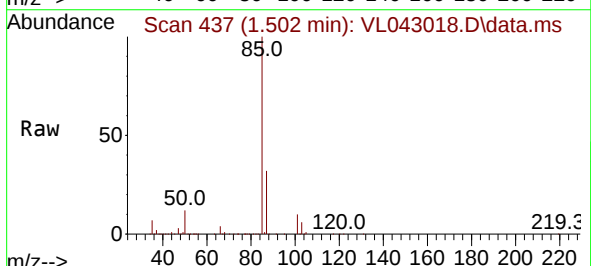
Tgt Ion: 49 Resp: 152530
Ion Ratio Lower Upper
49 100
128 50.4 25.2 75.6
130 63.1 31.6 94.7

Manual Integrations
APPROVED

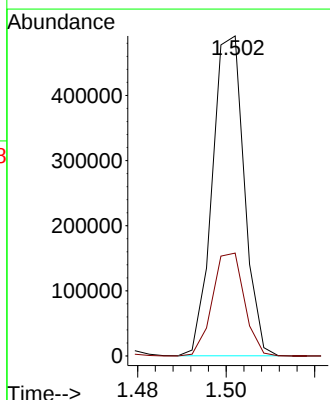
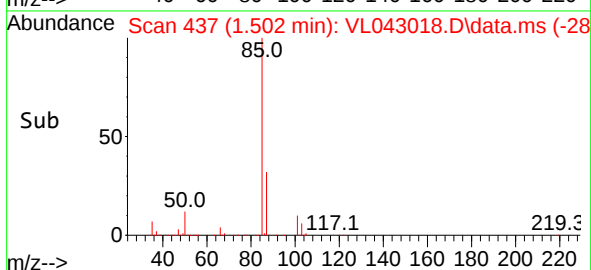
Reviewed By :Semsettin Yesilyurt 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

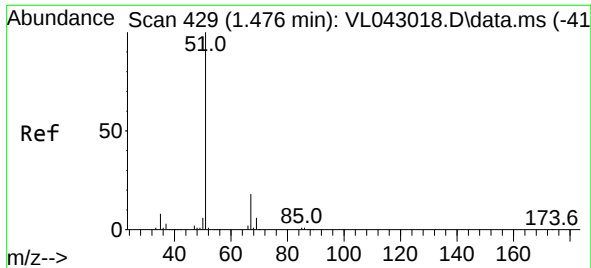


#2
Dichlorodifluoromethane
Concen: 9.310 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04



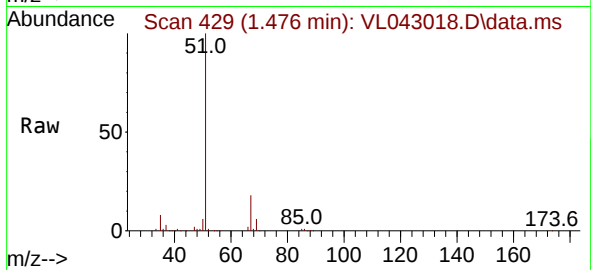
Tgt Ion: 85 Resp: 245752
Ion Ratio Lower Upper
85 100
87 32.2 25.8 38.6





#3
Chlorodifluoromethane
Concen: 9.329 ppbv
RT: 1.476 min Scan# 429
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04

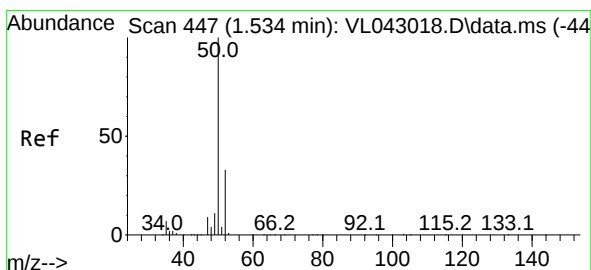
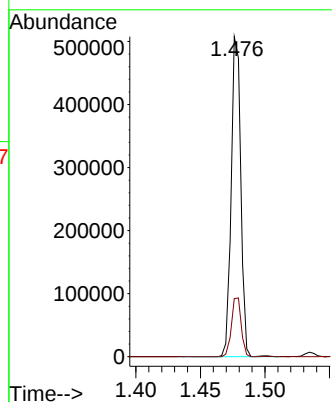
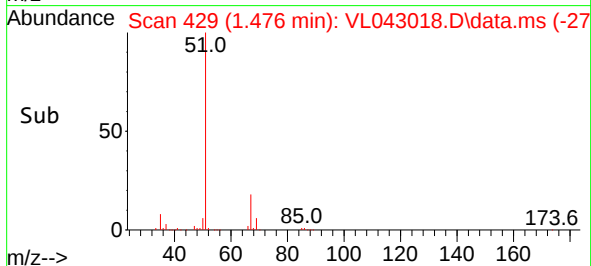
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 51 Resp: 262204
Ion Ratio Lower Upper
51 100
67 18.9 15.1 22.7

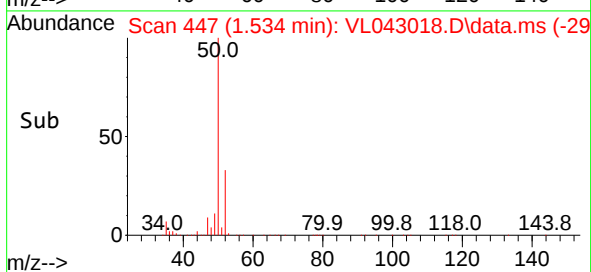
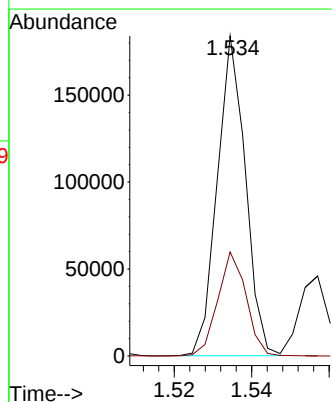
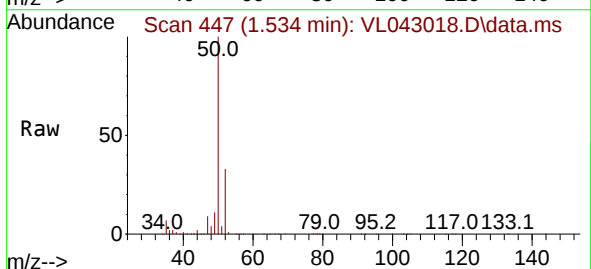
Manual Integrations
APPROVED

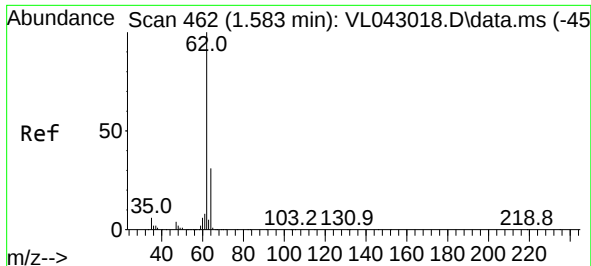
Reviewed By :Semsettin Yesilyurt 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#4
Chloromethane
Concen: 9.263 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04

Tgt Ion: 50 Resp: 92804
Ion Ratio Lower Upper
50 100
52 32.5 26.0 39.0





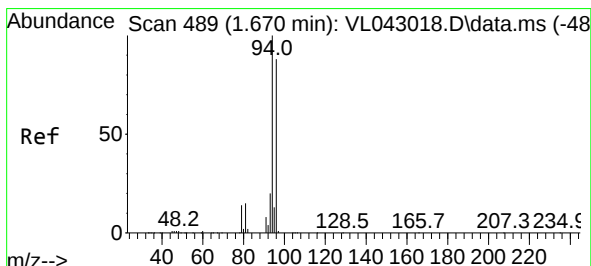
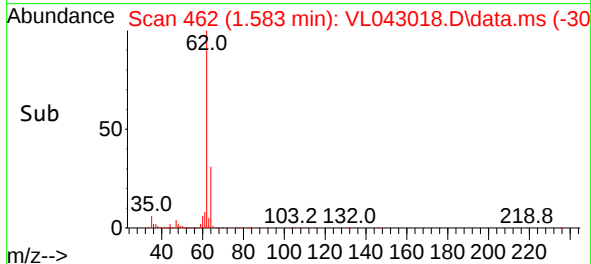
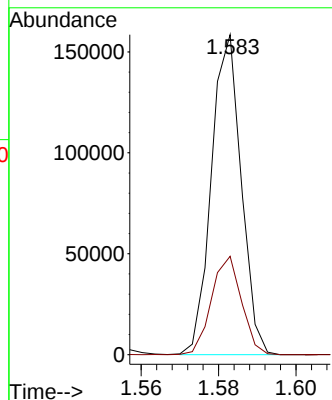
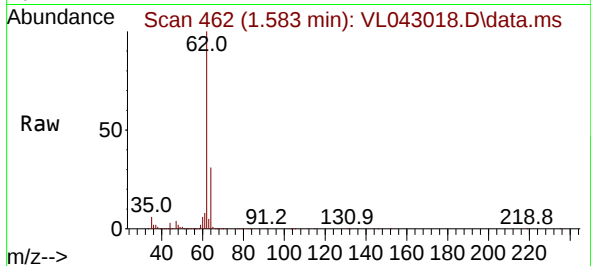
#5
 Vinyl Chloride
 Concen: 8.723 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. 0.000 min
 Lab File: VL043018.D
 Acq: 30 Sep 2025 09:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 62 Resp: 84772
 Ion Ratio Lower Upper
 62 100
 64 30.8 24.6 37.0

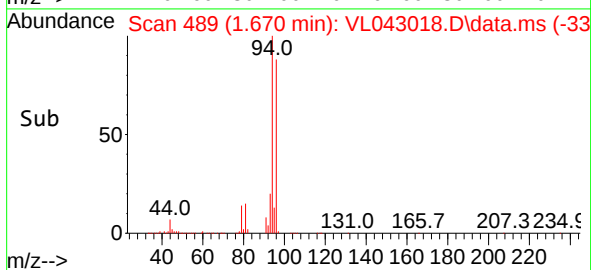
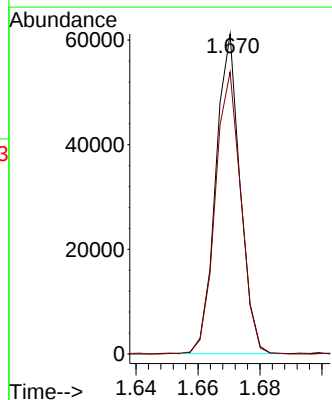
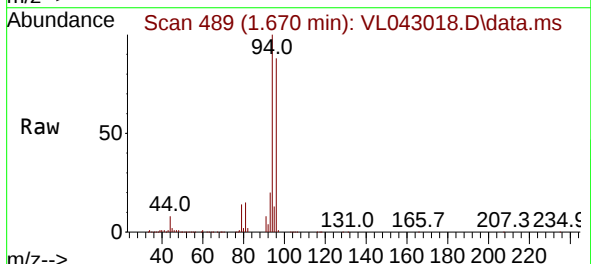
Manual Integrations
 APPROVED

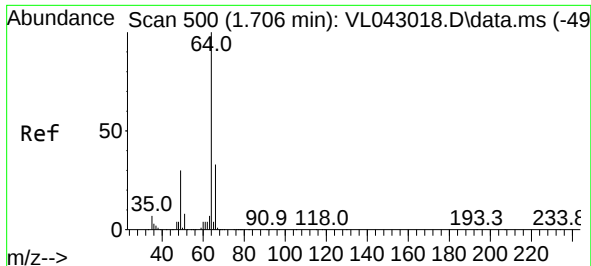
Reviewed By :Semsettin Yesilyurt 10/01/2025
 Supervised By :Mahesh Dadoda 10/03/2025



#6
 Bromomethane
 Concen: 9.479 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. 0.000 min
 Lab File: VL043018.D
 Acq: 30 Sep 2025 09:04

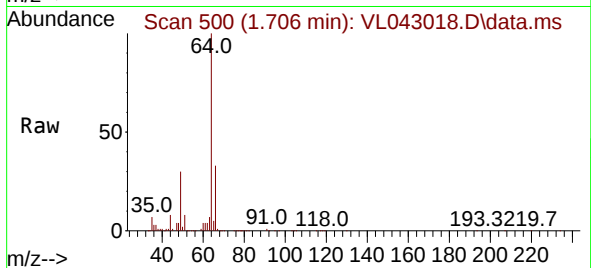
Tgt Ion: 94 Resp: 33291
 Ion Ratio Lower Upper
 94 100
 96 88.1 70.5 105.7





#7
Chloroethane
Concen: 9.099 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04

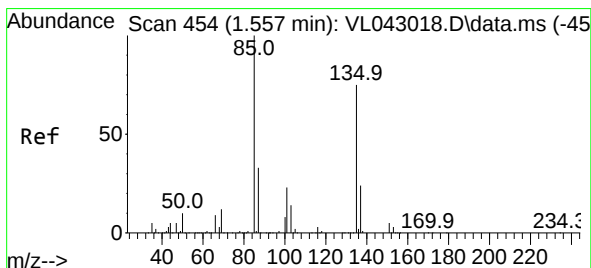
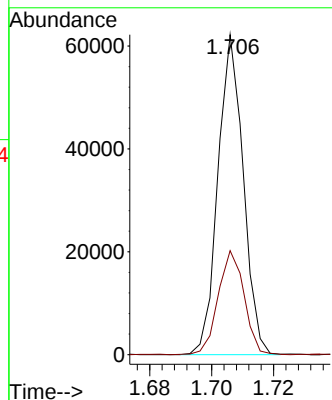
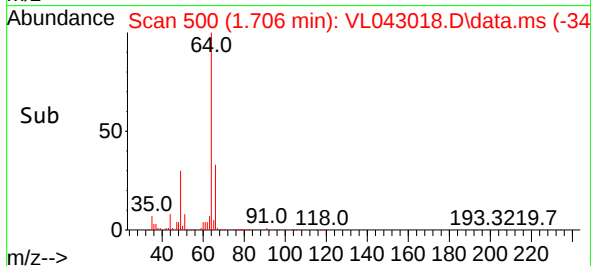
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



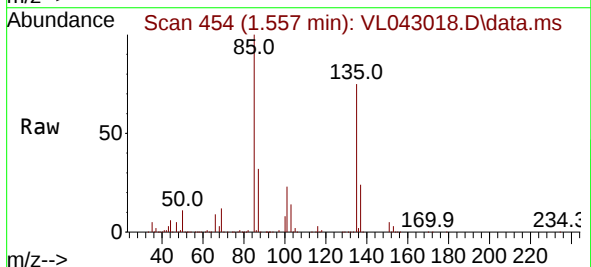
Tgt Ion: 64 Resp: 35300
Ion Ratio Lower Upper
64 100
66 32.5 26.0 39.0

Manual Integrations
APPROVED

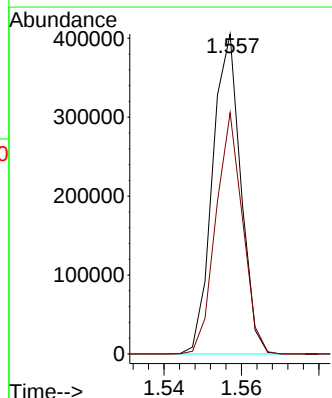
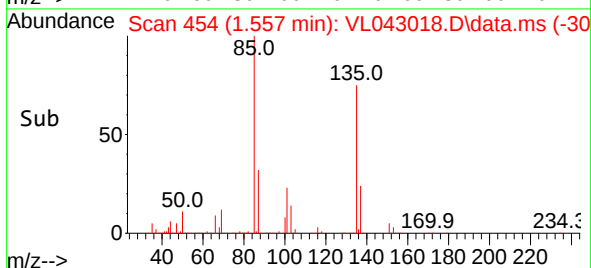
Reviewed By :Semsettin Yesilyurt 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

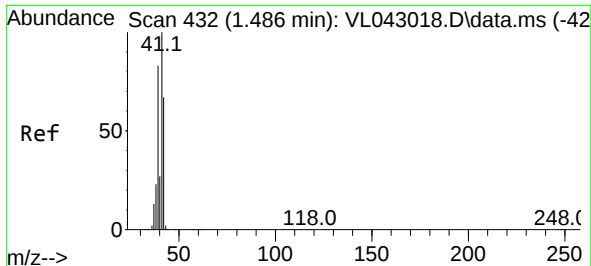


#8
Dichlorotetrafluoroethane
Concen: 9.513 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04



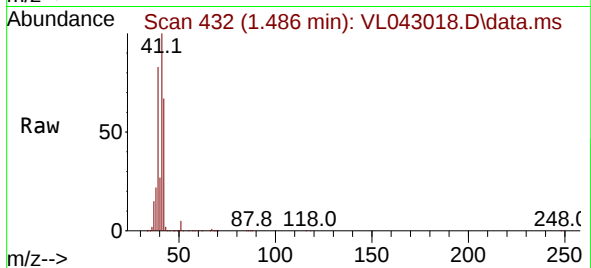
Tgt Ion: 85 Resp: 204699
Ion Ratio Lower Upper
85 100
135 71.7 57.4 86.0





#9
Propene
Concen: 9.619 ppbv
RT: 1.486 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04

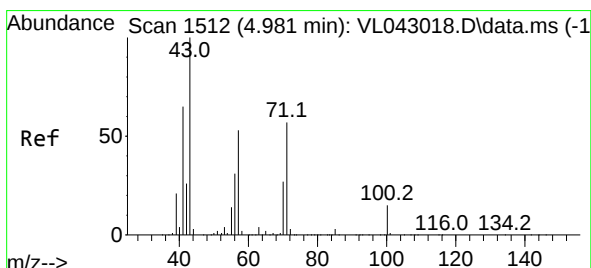
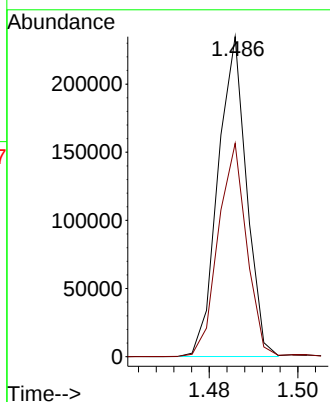
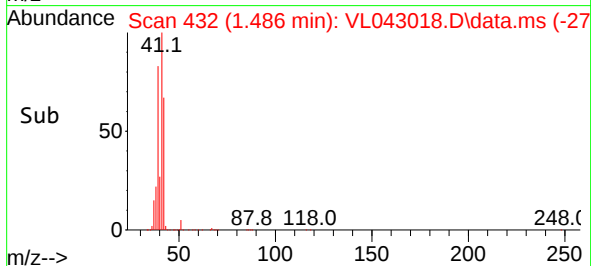
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 41 Resp: 10516
Ion Ratio Lower Upper
41 100
42 67.7 54.2 81.2

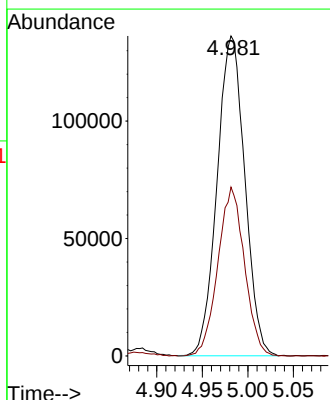
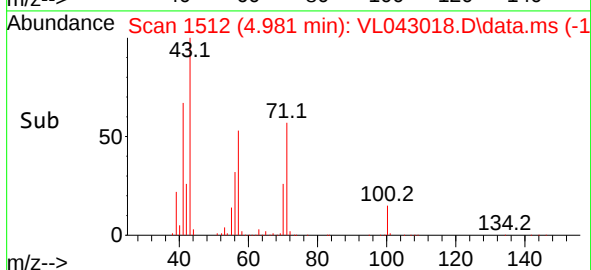
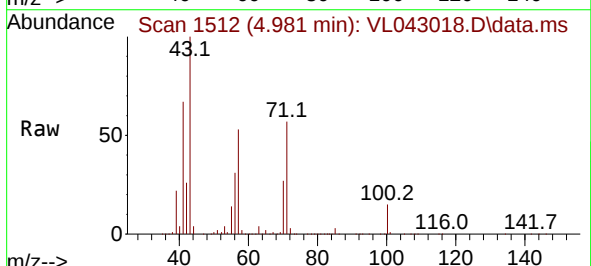
Manual Integrations
APPROVED

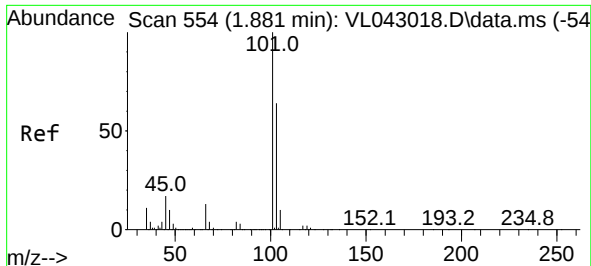
Reviewed By :Semsettin Yesilyurt 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#10
Heptane
Concen: 10.213 ppbv
RT: 4.981 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04

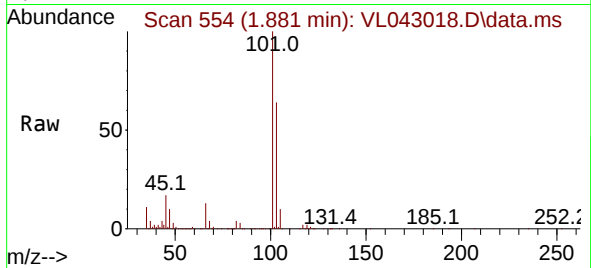
Tgt Ion: 43 Resp: 287980
Ion Ratio Lower Upper
43 100
57 50.6 40.5 60.7





#11
 Trichlorofluoromethane
 Concen: 9.379 ppbv
 RT: 1.881 min Scan# 554
 Delta R.T. 0.000 min
 Lab File: VL043018.D
 Acq: 30 Sep 2025 09:04

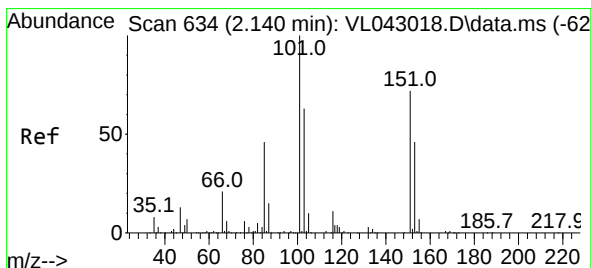
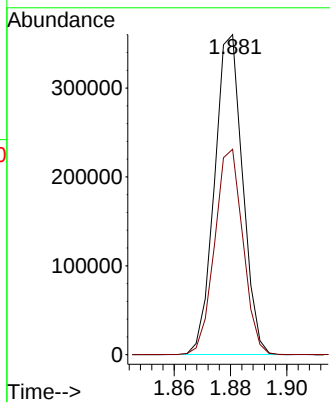
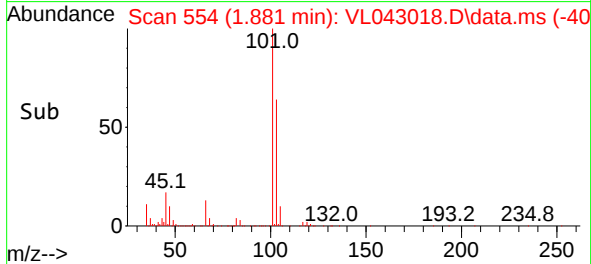
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion:101 Resp: 249489
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.4 77.0

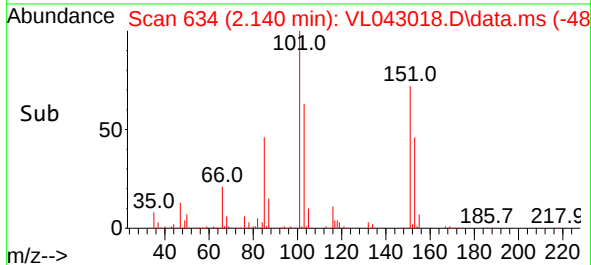
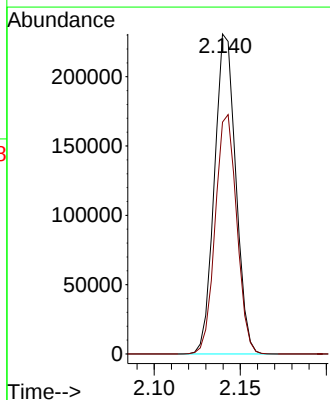
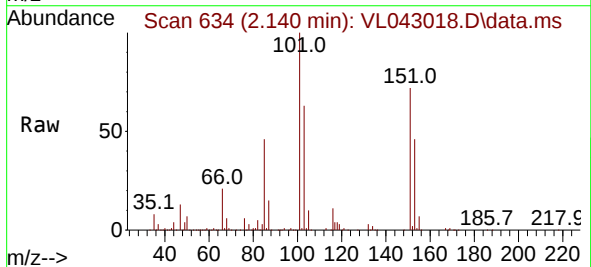
Manual Integrations
 APPROVED

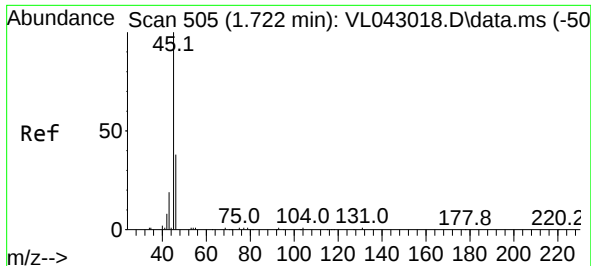
Reviewed By :Semsettin Yesilyurt 10/01/2025
 Supervised By :Mahesh Dadoda 10/03/2025



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.462 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. 0.000 min
 Lab File: VL043018.D
 Acq: 30 Sep 2025 09:04

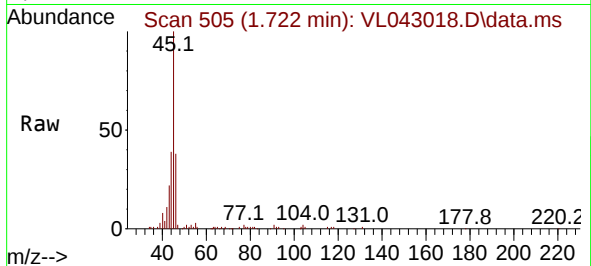
Tgt Ion:101 Resp: 199476
 Ion Ratio Lower Upper
 101 100
 151 75.3 60.2 90.4





#13
Ethanol
Concen: 9.734 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04

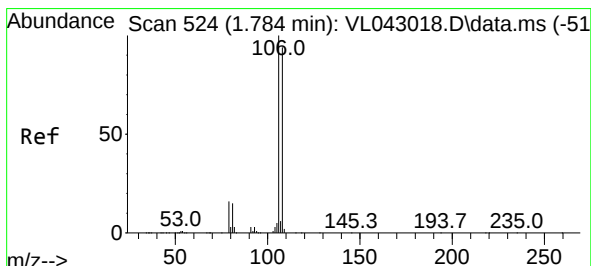
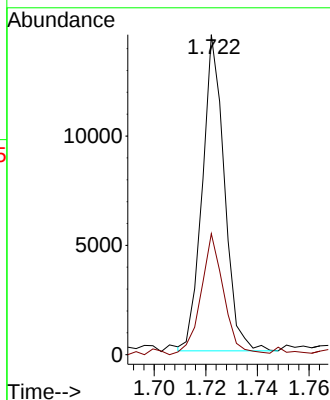
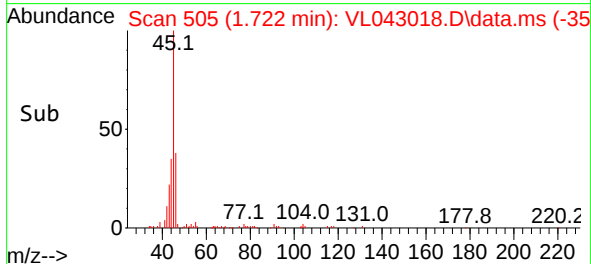
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



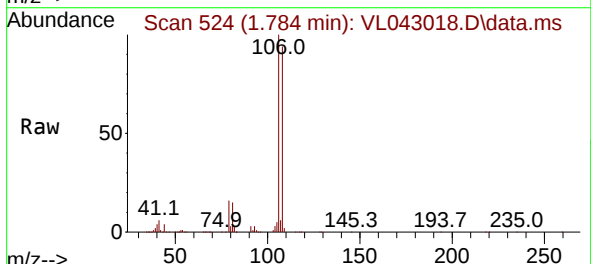
Tgt Ion: 45 Resp: 858
Ion Ratio Lower Upper
45 100
46 44.3 16.2 64.8

Manual Integrations
APPROVED

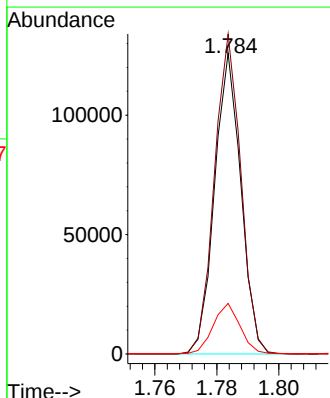
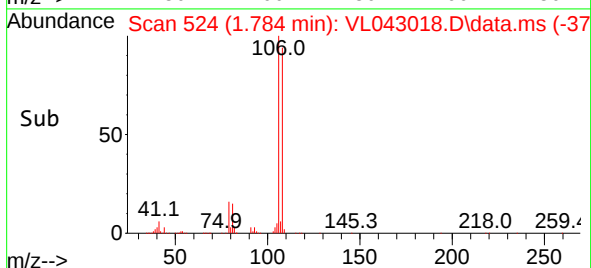
Reviewed By :Semsettin Yesilyurt 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

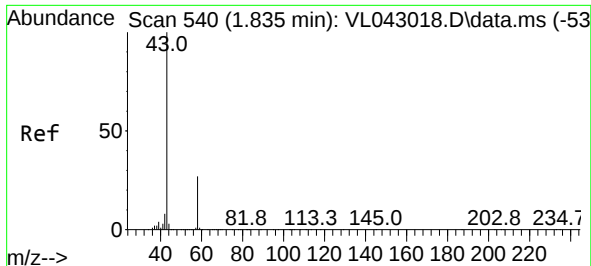


#14
Bromoethene
Concen: 9.462 ppbv
RT: 1.784 min Scan# 524
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04



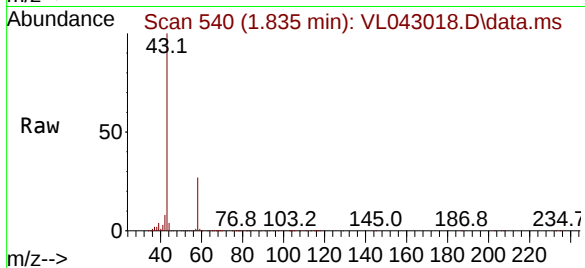
Tgt Ion:108 Resp: 74341
Ion Ratio Lower Upper
108 100
106 106.7 85.4 128.0
79 17.3 13.8 20.8





#15
Acetone
Concen: 7.958 ppbv
RT: 1.835 min Scan# 540
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04

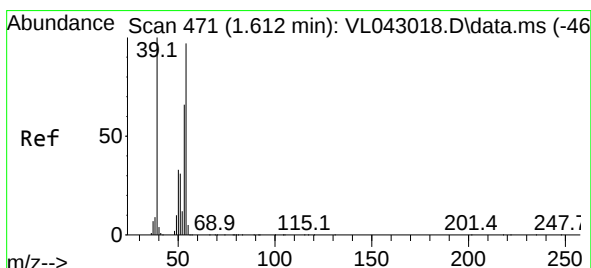
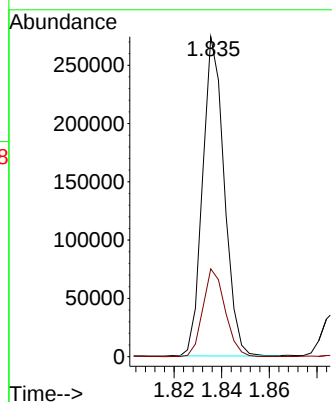
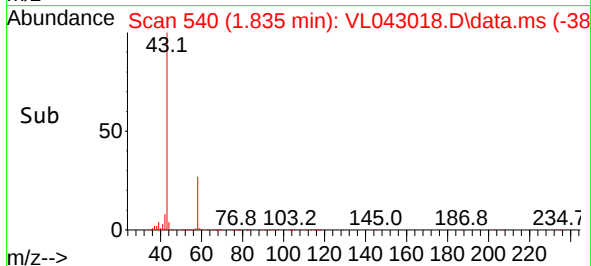
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



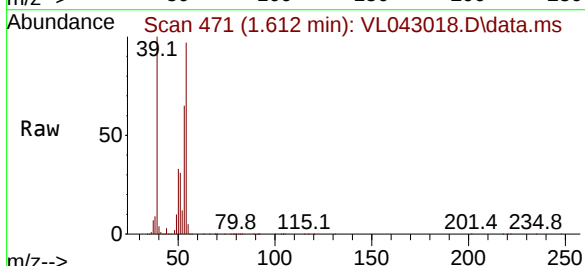
Tgt Ion: 43 Resp: 173073
Ion Ratio Lower Upper
43 100
58 28.5 22.8 34.2

Manual Integrations
APPROVED

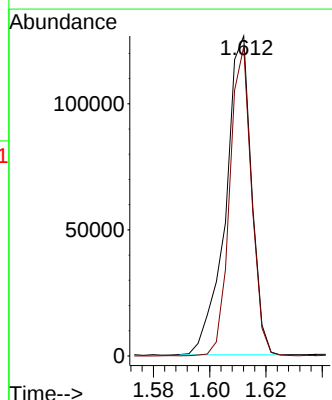
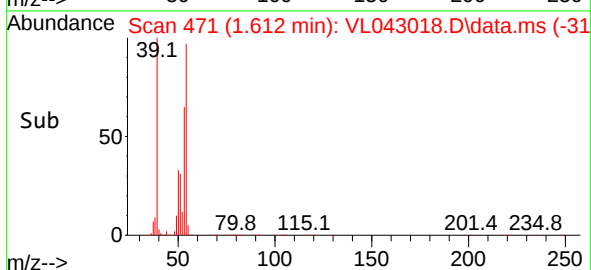
Reviewed By :Semsettin Yesilyurt 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

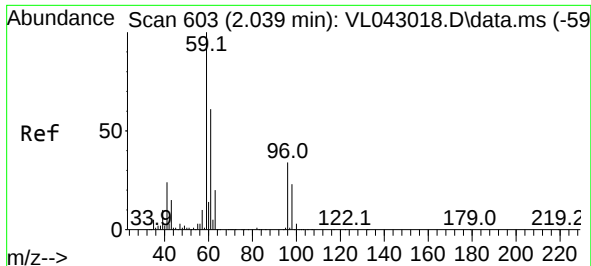


#16
1,3-Butadiene
Concen: 8.787 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04



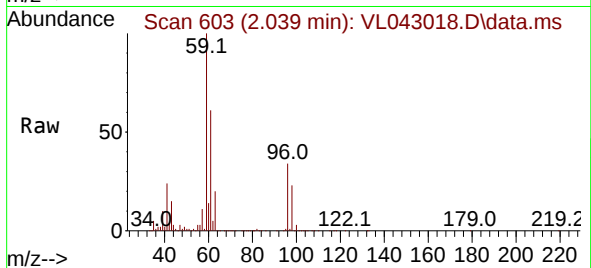
Tgt Ion: 39 Resp: 80901
Ion Ratio Lower Upper
39 100
54 81.8 65.4 98.2





#17
tert-Butyl alcohol
Concen: 9.324 ppbv
RT: 2.039 min Scan# 603
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04

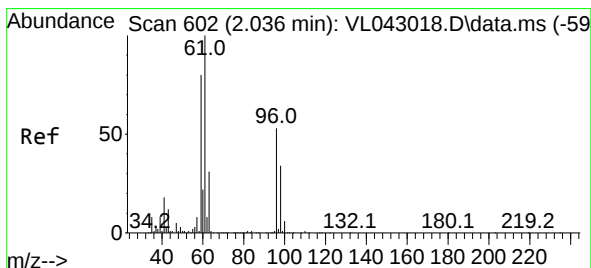
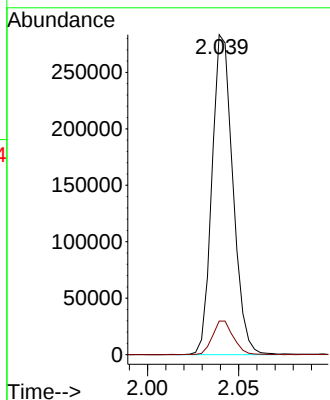
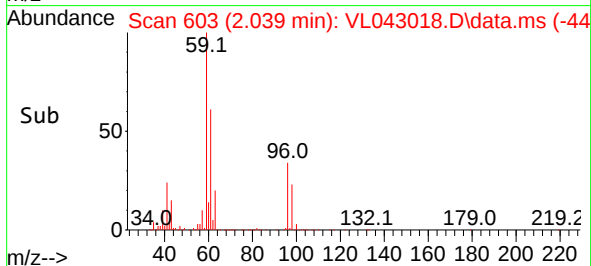
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



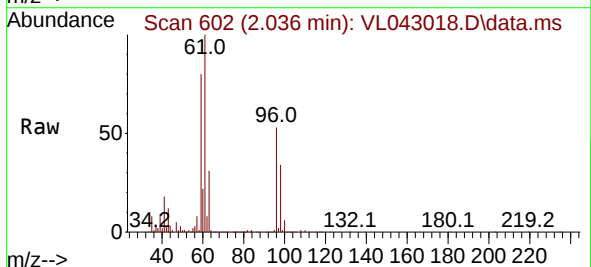
Tgt Ion: 59 Resp: 22658
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6

Manual Integrations
APPROVED

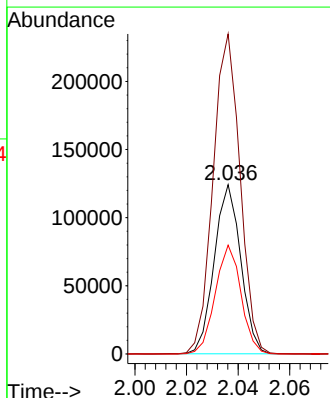
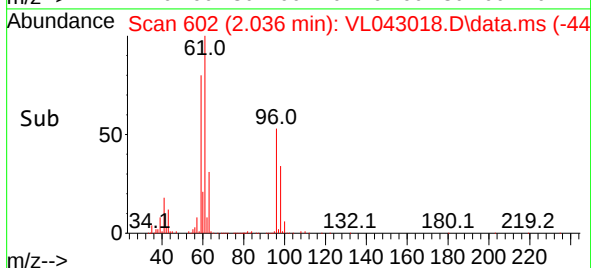
Reviewed By :Semsettin Yesilyurt 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

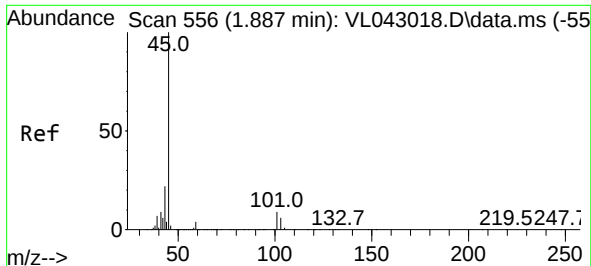


#18
1,1-Dichloroethene
Concen: 9.338 ppbv
RT: 2.036 min Scan# 602
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04



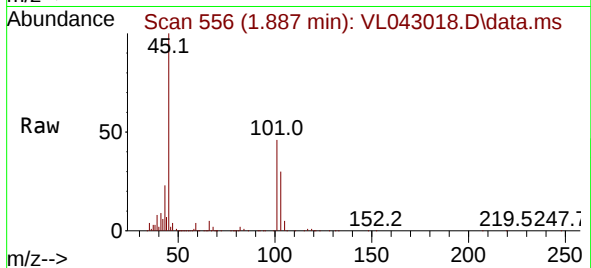
Tgt Ion: 96 Resp: 88534
Ion Ratio Lower Upper
96 100
61 189.2 151.4 227.0
98 64.4 51.5 77.3





#19
Isopropyl Alcohol
Concen: 9.081 ppbv
RT: 1.887 min Scan# 556
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04

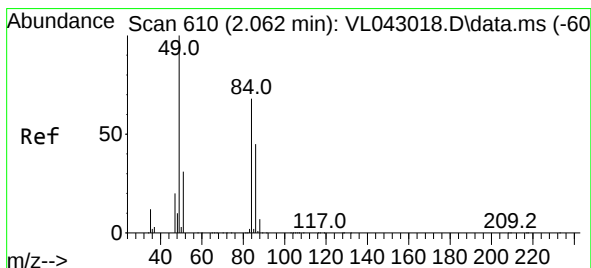
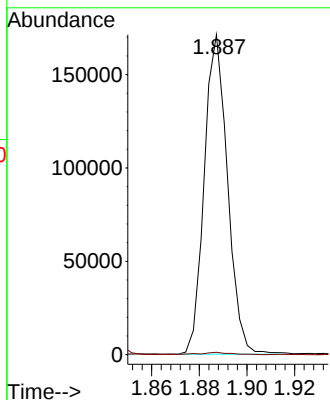
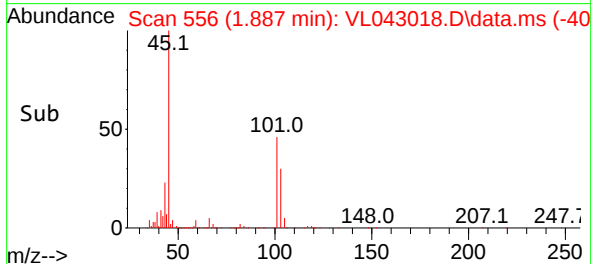
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 45 Resp: 116152
Ion Ratio Lower Upper
45 100
58 42.4 33.9 50.9

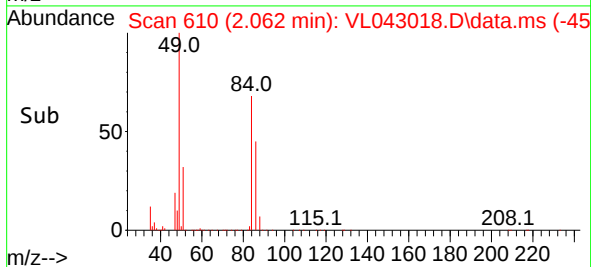
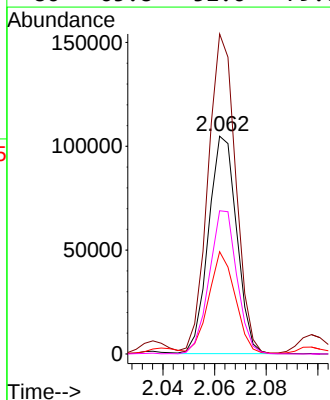
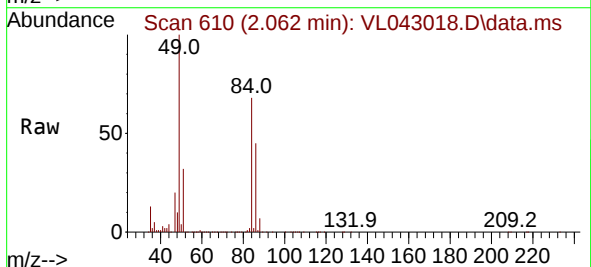
Manual Integrations
APPROVED

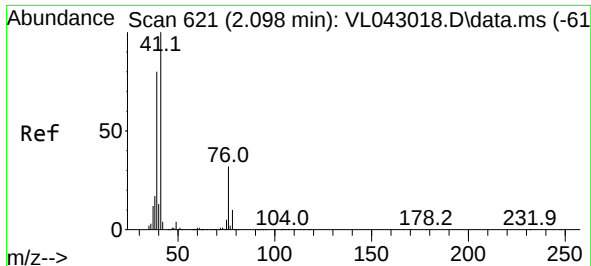
Reviewed By :Semsettin Yesilyurt 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#20
Methylene Chloride
Concen: 9.205 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04

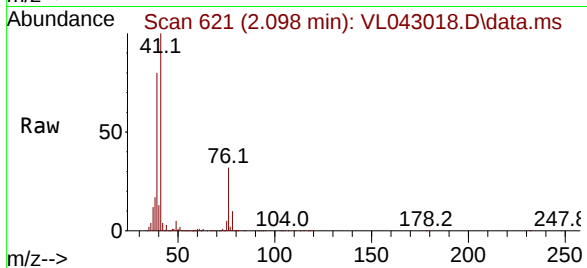
Tgt Ion: 84 Resp: 79529
Ion Ratio Lower Upper
84 100
49 146.8 117.4 176.2
51 46.7 37.4 56.0
86 65.8 52.6 79.0





#21
 Allyl Chloride
 Concen: 9.568 ppbv
 RT: 2.098 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL043018.D
 Acq: 30 Sep 2025 09:04

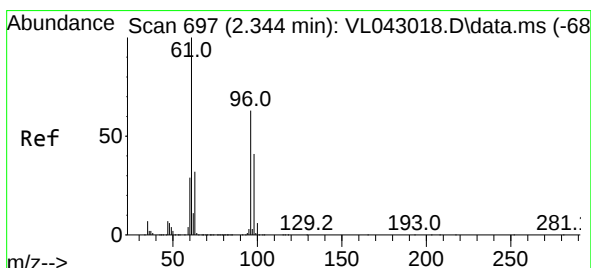
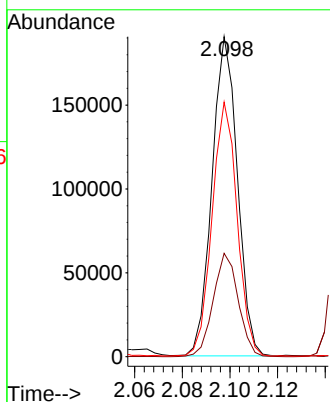
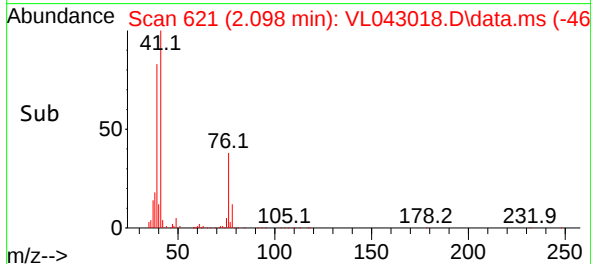
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



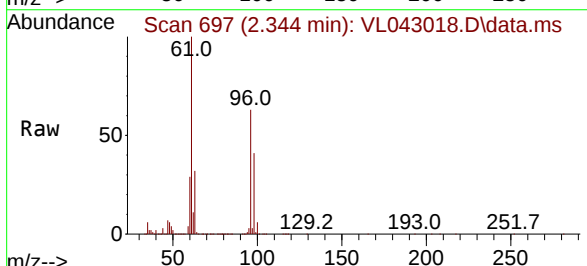
Tgt Ion: 41 Resp: 140789
 Ion Ratio Lower Upper
 41 100
 76 32.0 25.6 38.4
 39 78.3 62.6 94.0

Manual Integrations
 APPROVED

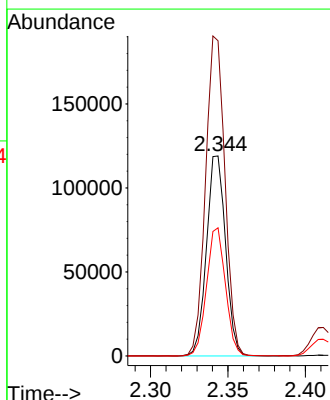
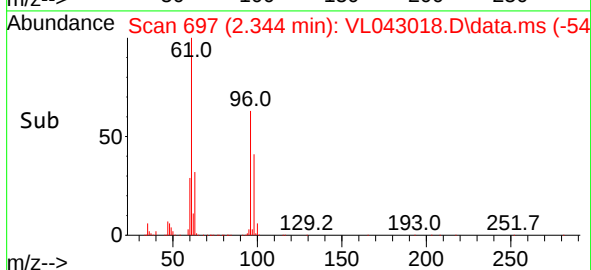
Reviewed By :Semsettin Yesilyurt 10/01/2025
 Supervised By :Mahesh Dadoda 10/03/2025

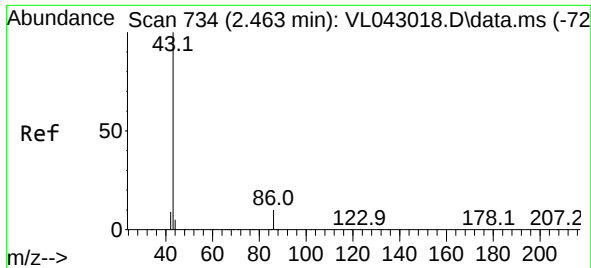


#22
 trans-1,2-Dichloroethene
 Concen: 9.493 ppbv
 RT: 2.344 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VL043018.D
 Acq: 30 Sep 2025 09:04



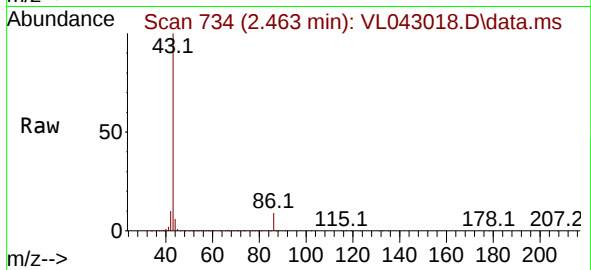
Tgt Ion: 96 Resp: 101892
 Ion Ratio Lower Upper
 96 100
 61 157.6 126.1 189.1
 98 64.1 51.3 76.9





#23
 Vinyl Acetate
 Concen: 9.613 ppbv
 RT: 2.463 min Scan# 734
 Delta R.T. 0.000 min
 Lab File: VL043018.D
 Acq: 30 Sep 2025 09:04

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

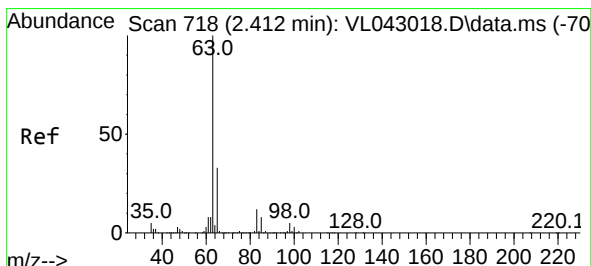
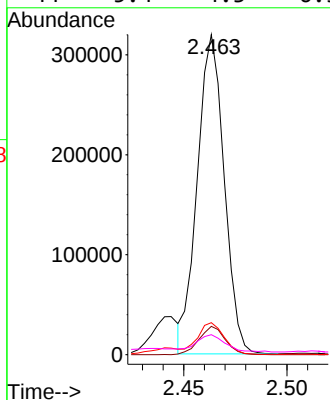
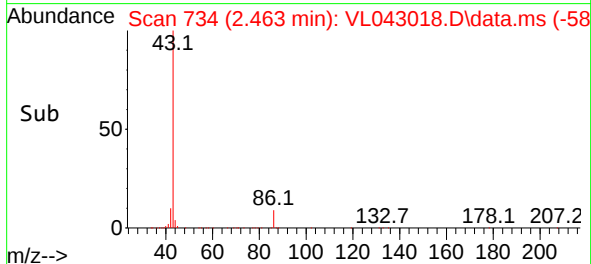


Tgt Ion: 43 Resp: 28883

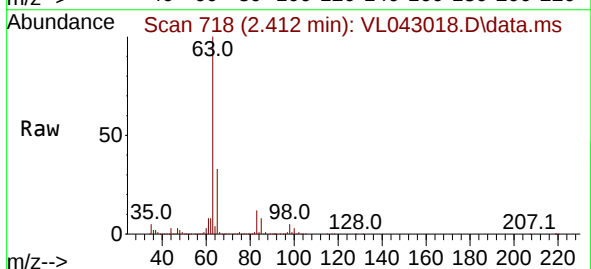
Ion	Ratio	Lower	Upper
43	100		
86	8.9	7.1	10.7
42	9.9	7.9	11.9
44	5.4	4.3	6.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2025
 Supervised By :Mahesh Dadoda 10/03/2025

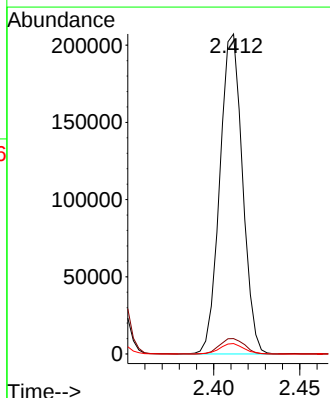
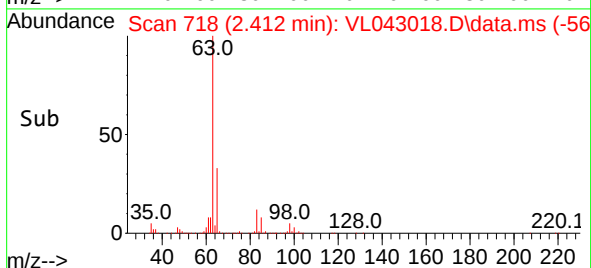


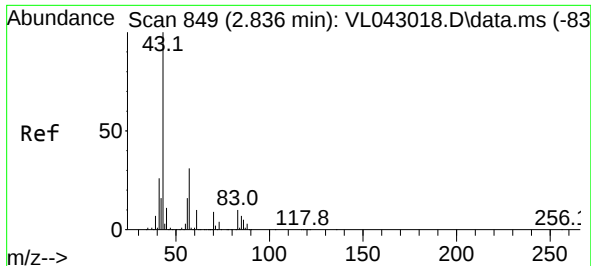
#24
 1,1-Dichloroethane
 Concen: 9.423 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. 0.000 min
 Lab File: VL043018.D
 Acq: 30 Sep 2025 09:04



Tgt Ion: 63 Resp: 190347

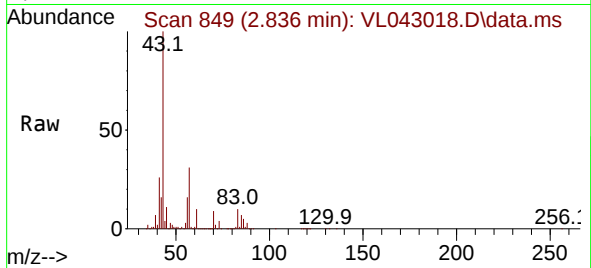
Ion	Ratio	Lower	Upper
63	100		
98	4.8	2.4	7.2
100	3.2	1.6	4.8





#25
Ethyl Acetate
Concen: 9.174 ppbv
RT: 2.836 min Scan# 849
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04

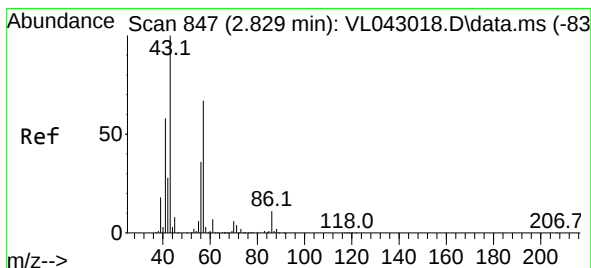
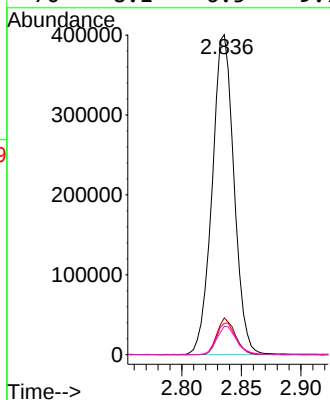
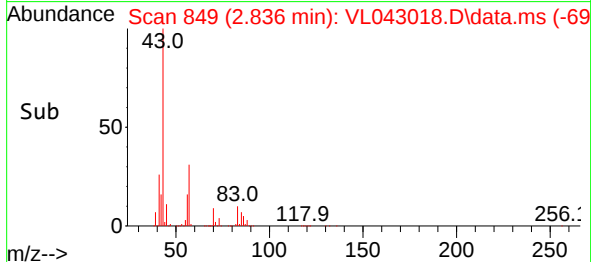
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



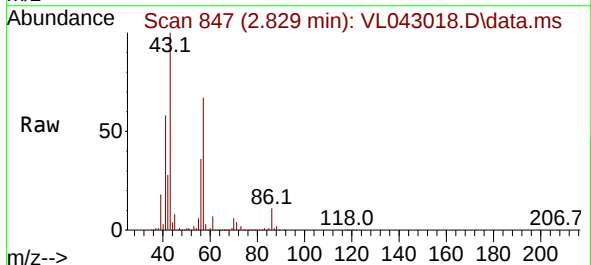
Tgt Ion: 43 Resp: 508930
Ion Ratio Lower Upper
43 100
45 9.7 7.8 11.6
61 8.7 7.0 10.4
70 8.1 6.5 9.7

Manual Integrations
APPROVED

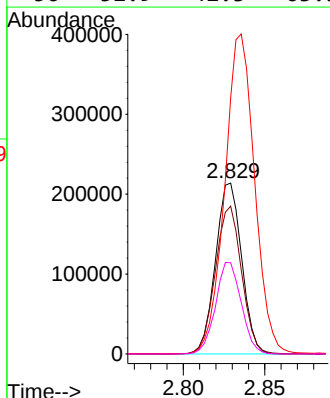
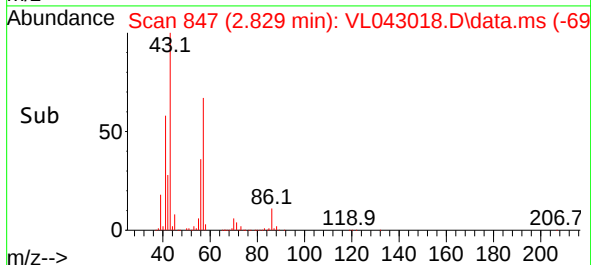
Reviewed By :Semsettin Yesilyurt 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

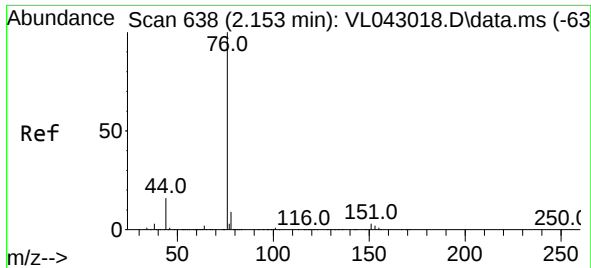


#26
Hexane
Concen: 8.234 ppbv
RT: 2.829 min Scan# 847
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04



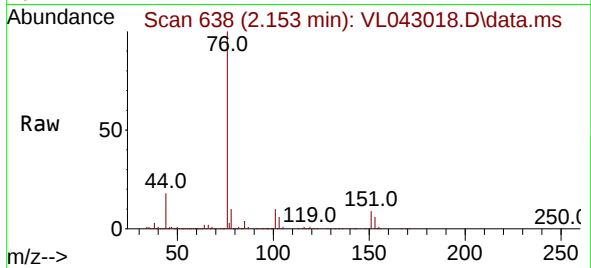
Tgt Ion: 57 Resp: 237594
Ion Ratio Lower Upper
57 100
41 87.9 70.3 105.5
43 215.1 172.1 258.1
56 52.9 42.3 63.5





#27
Carbon Disulfide
Concen: 9.522 ppbv
RT: 2.153 min Scan# 638
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04

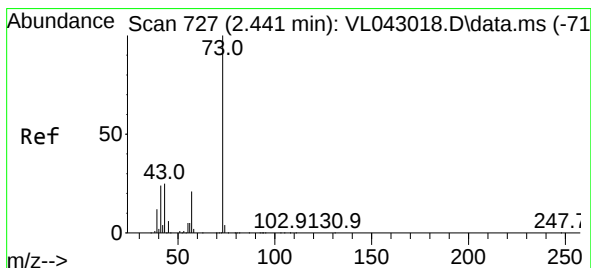
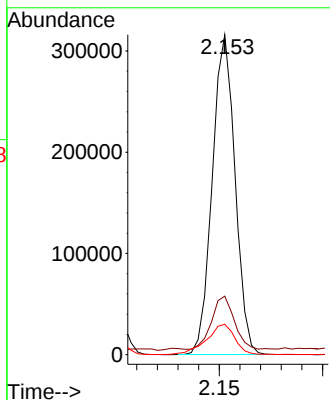
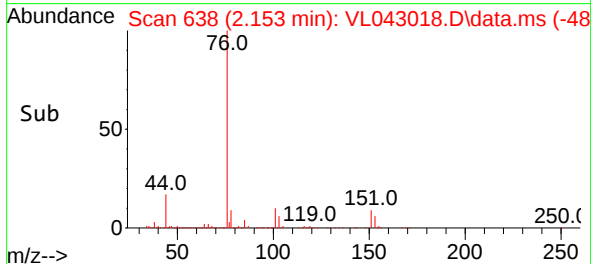
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



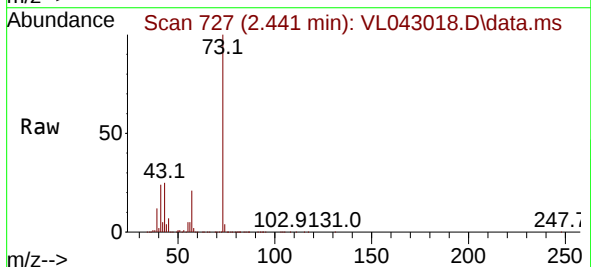
Tgt Ion: 76 Resp: 241650
Ion Ratio Lower Upper
76 100
44 18.2 14.6 21.8
78 11.8 9.4 14.2

Manual Integrations
APPROVED

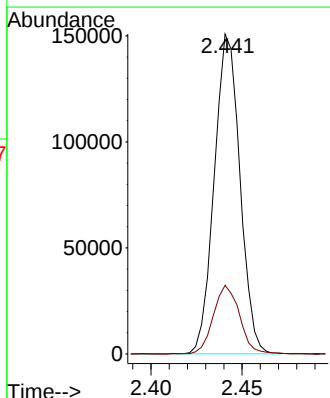
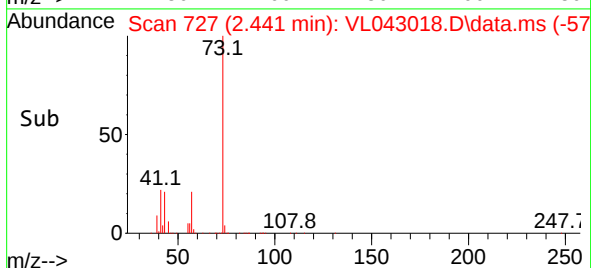
Reviewed By :Semsettin Yesilyurt 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

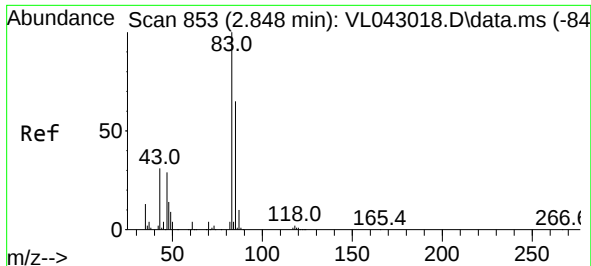


#28
Methyl tert-Butyl Ether
Concen: 10.450 ppbv
RT: 2.441 min Scan# 727
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04



Tgt Ion: 73 Resp: 147599
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5





#29

Chloroform

Concen: 9.489 ppbv

RT: 2.848 min Scan# 853

Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 83 Resp: 34069

Ion Ratio Lower Upper

83 100

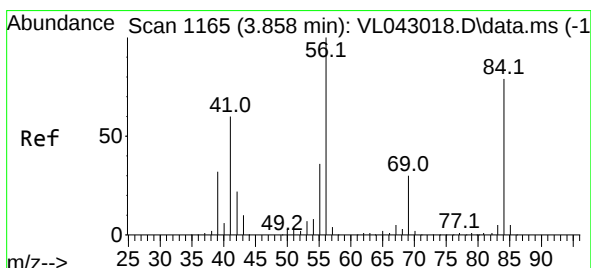
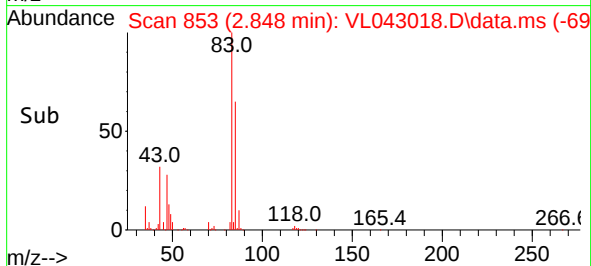
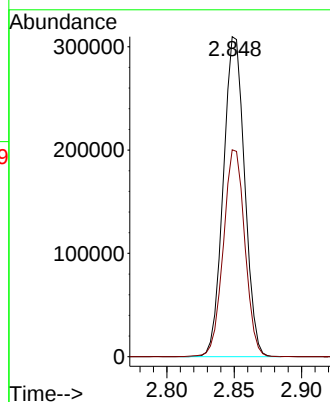
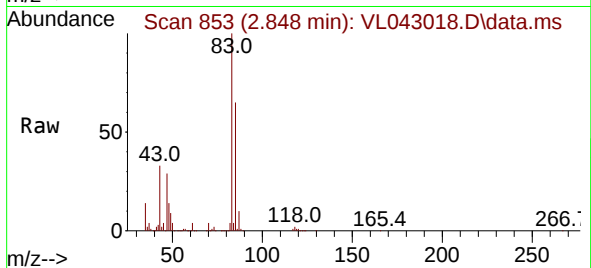
85 64.6 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2025

Supervised By :Mahesh Dadoda 10/03/2025



#30

Cyclohexane

Concen: 10.067 ppbv

RT: 3.858 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

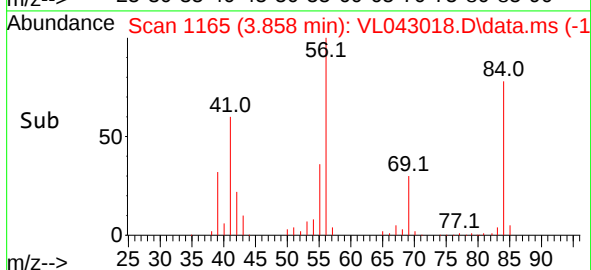
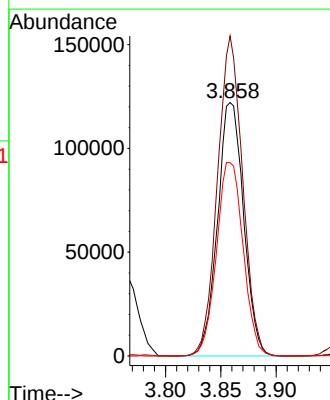
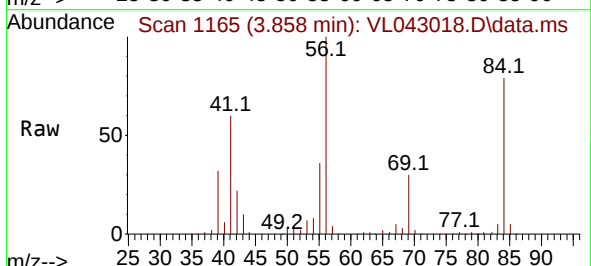
Tgt Ion: 84 Resp: 200066

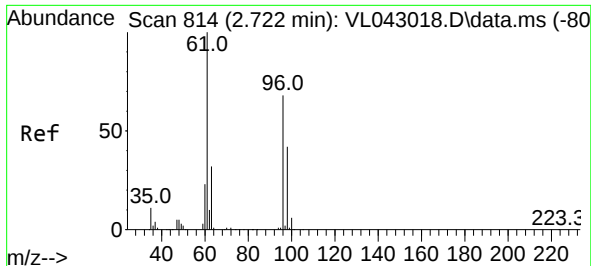
Ion Ratio Lower Upper

84 100

56 121.6 97.3 145.9

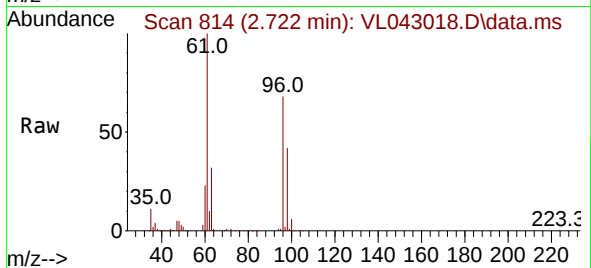
41 78.2 62.6 93.8





#31
 cis-1,2-Dichloroethene
 Concen: 9.751 ppbv
 RT: 2.722 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: VL043018.D
 Acq: 30 Sep 2025 09:04

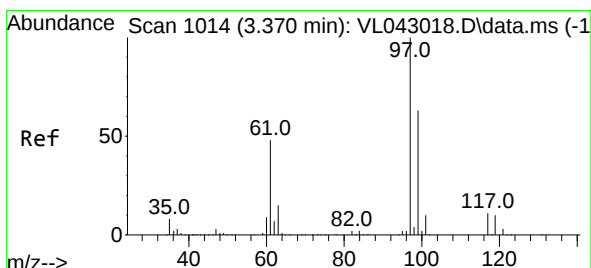
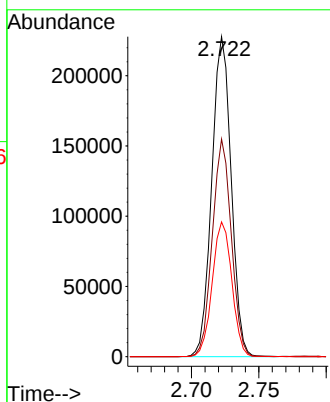
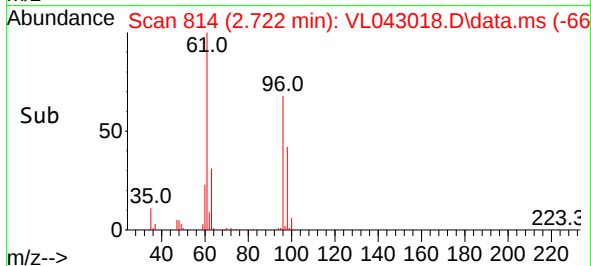
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



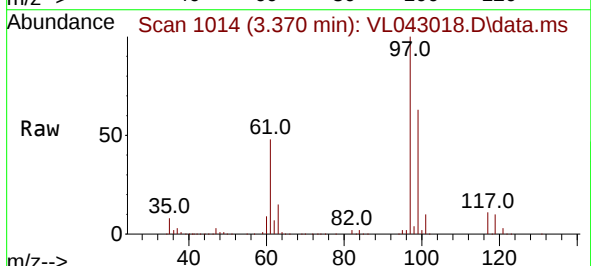
Tgt Ion: 61 Resp: 228440
 Ion Ratio Lower Upper
 61 100
 96 68.0 54.4 81.6
 98 42.1 33.7 50.5

Manual Integrations
 APPROVED

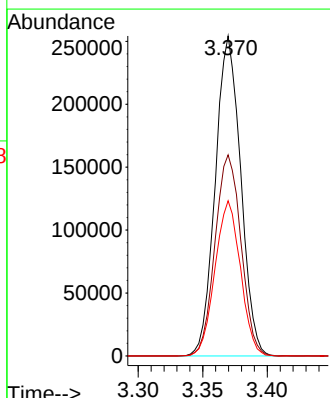
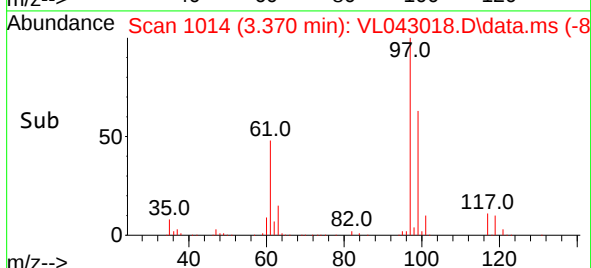
Reviewed By :Semsettin Yesilyurt 10/01/2025
 Supervised By :Mahesh Dadoda 10/03/2025

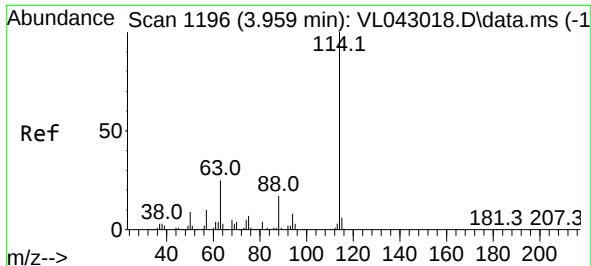


#32
 1,1,1-Trichloroethane
 Concen: 9.568 ppbv
 RT: 3.370 min Scan# 1014
 Delta R.T. 0.000 min
 Lab File: VL043018.D
 Acq: 30 Sep 2025 09:04



Tgt Ion: 97 Resp: 347995
 Ion Ratio Lower Upper
 97 100
 99 64.2 51.4 77.0
 61 48.5 38.8 58.2





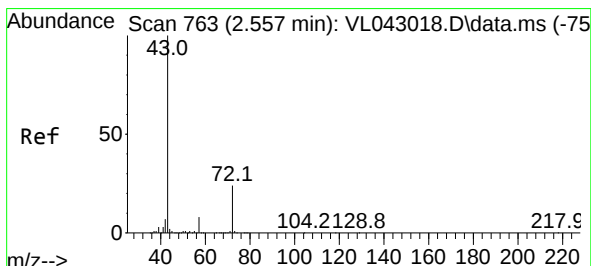
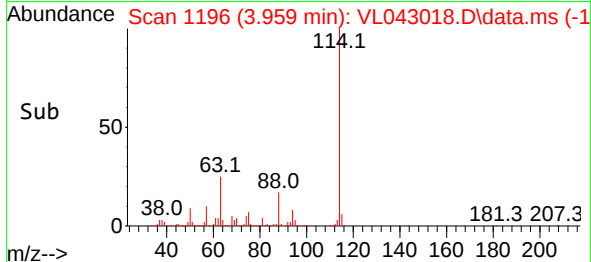
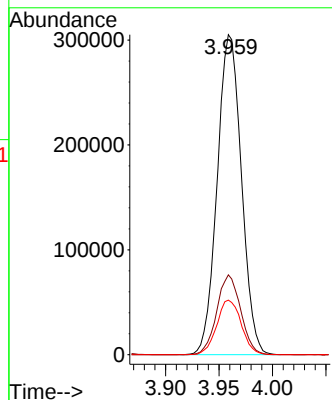
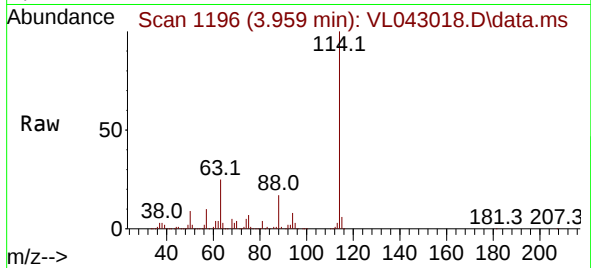
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:114 Resp: 481572
Ion Ratio Lower Upper
114 100
63 24.6 19.7 29.5
88 17.2 13.8 20.6

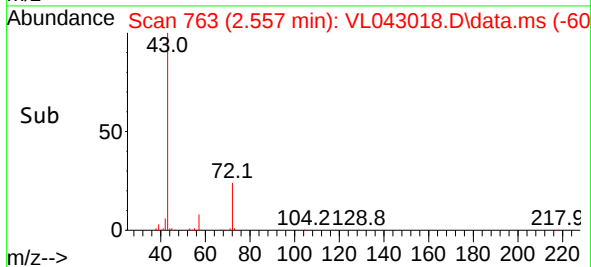
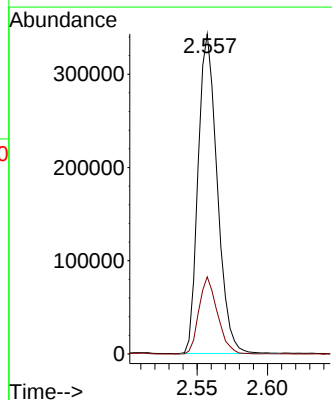
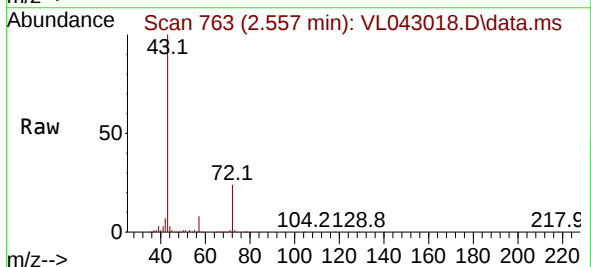
Manual Integrations
APPROVED

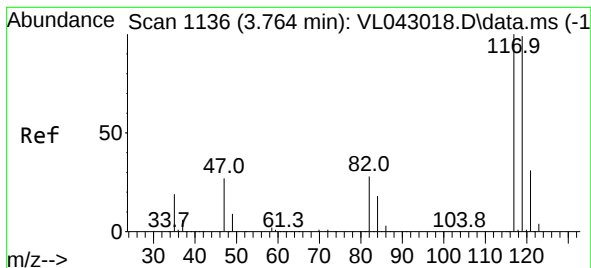
Reviewed By :Semsettin Yesilyurt 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#34
2-Butanone
Concen: 9.541 ppbv
RT: 2.557 min Scan# 763
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04

Tgt Ion: 43 Resp: 323504
Ion Ratio Lower Upper
43 100
72 23.4 18.7 28.1





#35

Carbon Tetrachloride

Concen: 9.030 ppbv

RT: 3.764 min Scan# 1136

Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

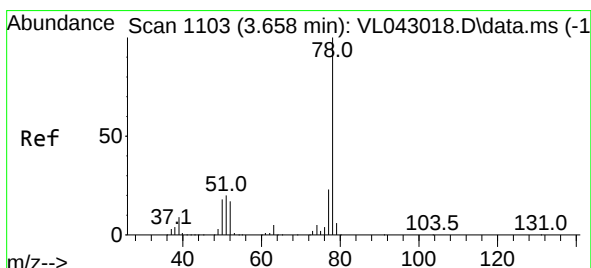
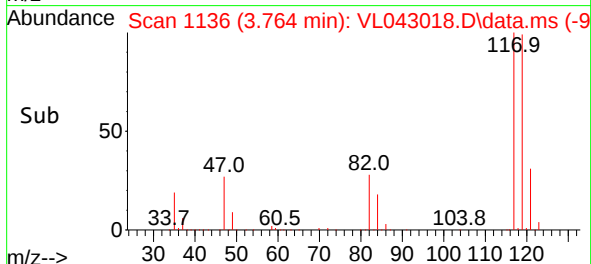
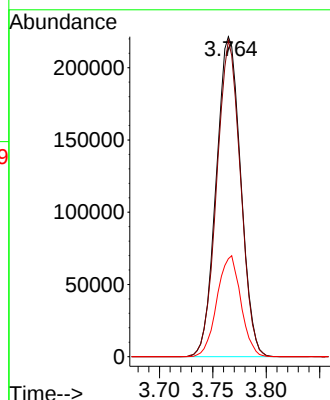
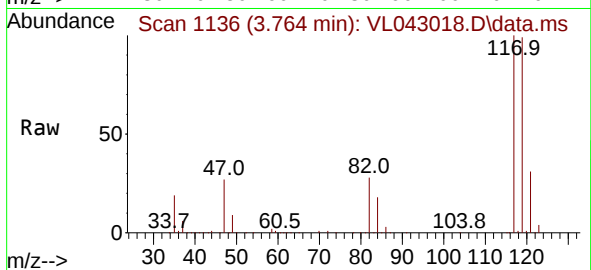
Tgt Ion: 117 Resp: 352910

Ion	Ratio	Lower	Upper
117	100		
119	98.9	79.1	118.7
121	30.6	24.5	36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#36

Benzene

Concen: 9.690 ppbv

RT: 3.658 min Scan# 1103

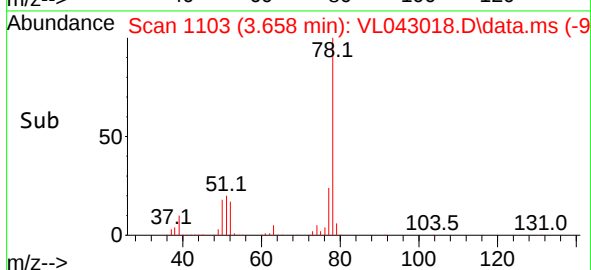
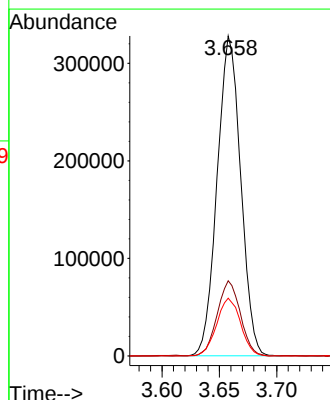
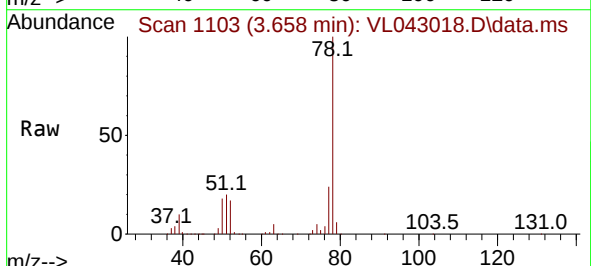
Delta R.T. 0.000 min

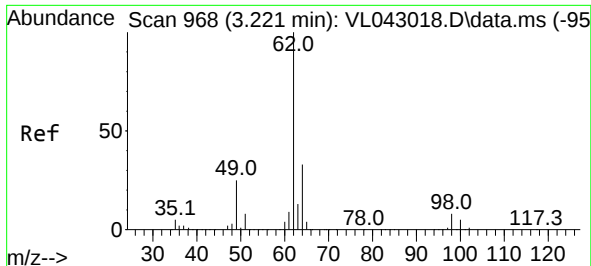
Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

Tgt Ion: 78 Resp: 467720

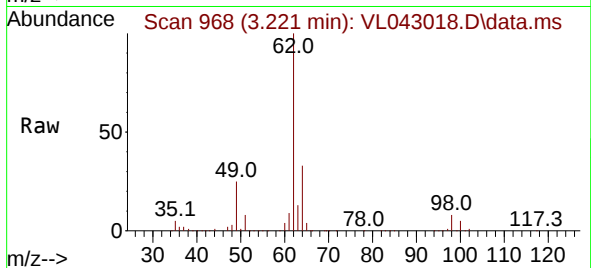
Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2
50	18.1	14.5	21.7





#37
1,2-Dichloroethane
Concen: 9.429 ppbv
RT: 3.221 min Scan# 968
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04

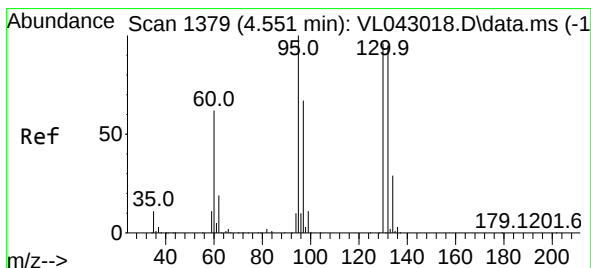
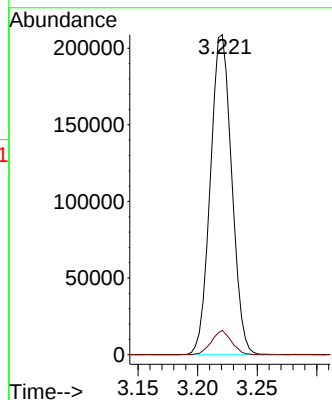
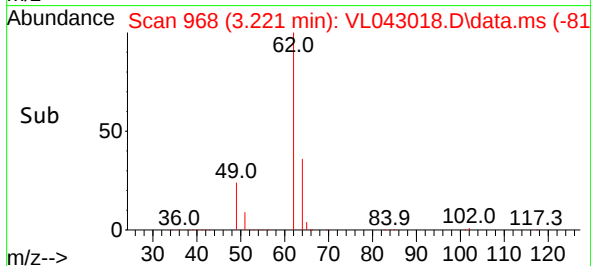
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 62 Resp: 260052
Ion Ratio Lower Upper
62 100
98 7.1 5.7 8.5

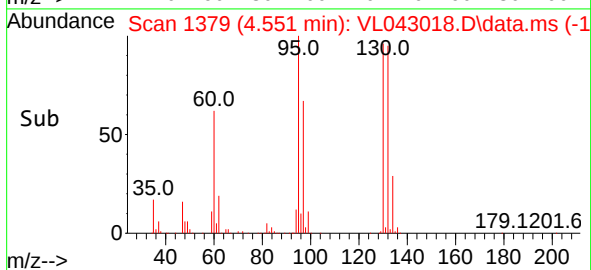
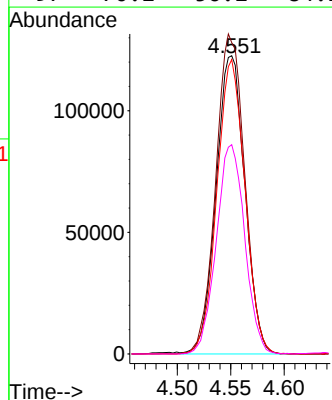
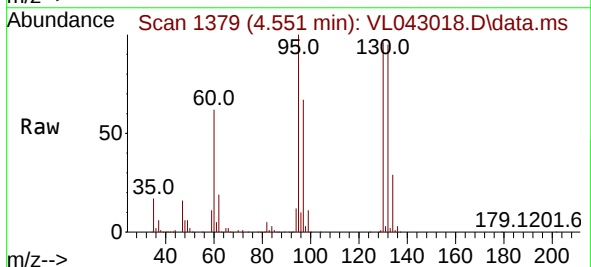
Manual Integrations
APPROVED

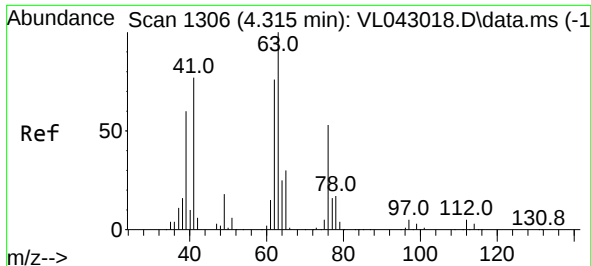
Reviewed By :Semsettin Yesilyurt 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#38
Trichloroethene
Concen: 9.304 ppbv
RT: 4.551 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04

Tgt Ion:130 Resp: 230117
Ion Ratio Lower Upper
130 100
95 104.2 83.4 125.0
132 98.7 79.0 118.4
97 70.2 56.2 84.2





#39

1,2-Dichloropropane

Concen: 9.466 ppbv

RT: 4.315 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VL043018.D

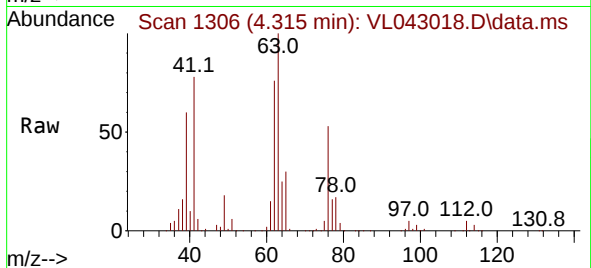
Acq: 30 Sep 2025 09:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



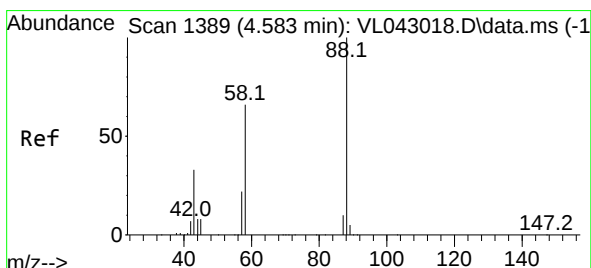
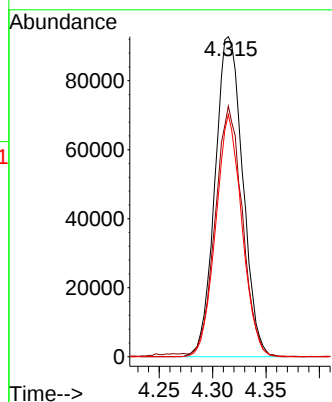
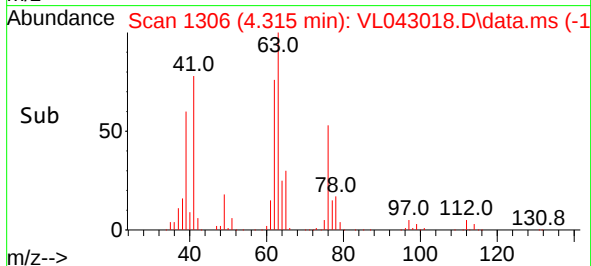
Tgt Ion: 63 Resp: 16775

Ion	Ratio	Lower	Upper
63	100		
41	77.9	62.3	93.5
62	75.6	60.5	90.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#40

1,4-Dioxane

Concen: 10.035 ppbv

RT: 4.583 min Scan# 1389

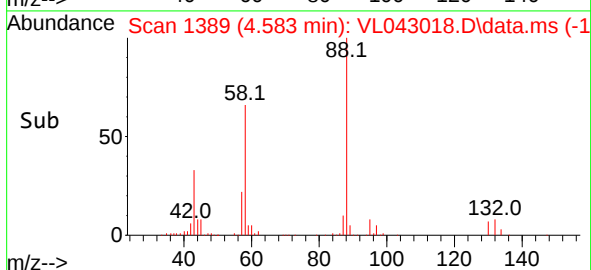
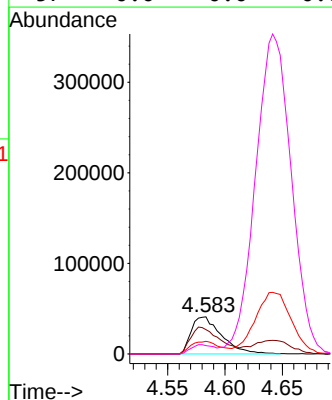
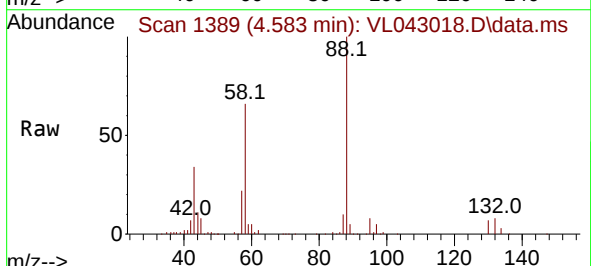
Delta R.T. 0.000 min

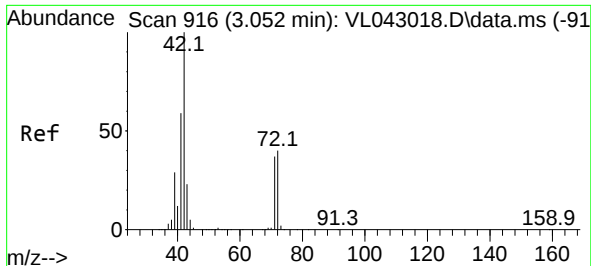
Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

Tgt Ion: 88 Resp: 75431

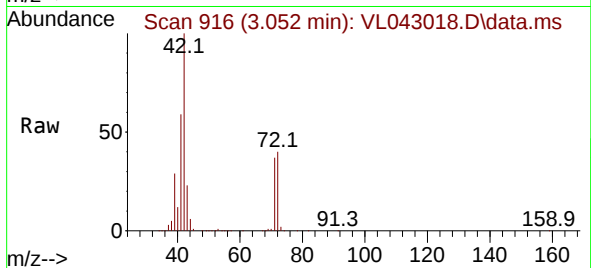
Ion	Ratio	Lower	Upper
88	100		
58	74.1	59.3	88.9
43	30.4	24.3	36.5
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 10.116 ppbv
RT: 3.052 min Scan# 916
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04

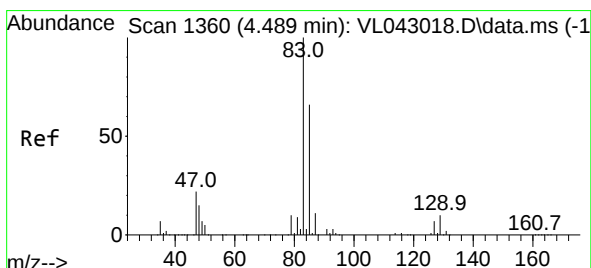
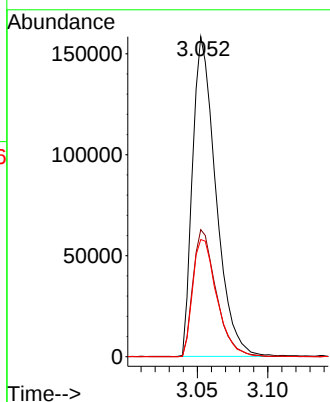
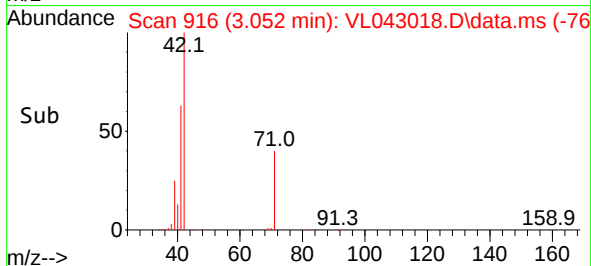
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 42 Resp: 18267
Ion Ratio Lower Upper
42 100
72 39.5 31.6 47.4
71 38.0 30.4 45.6

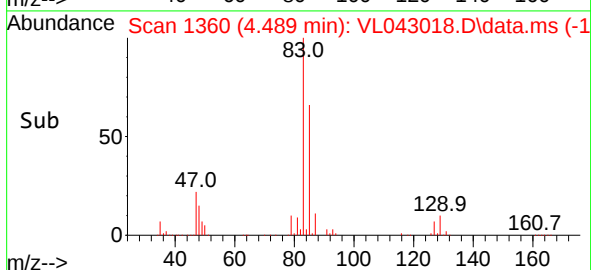
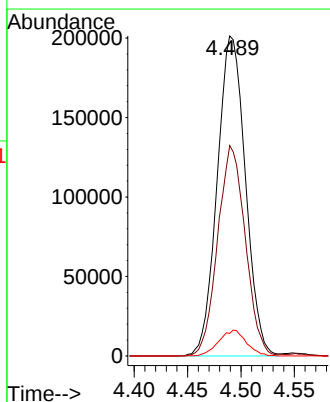
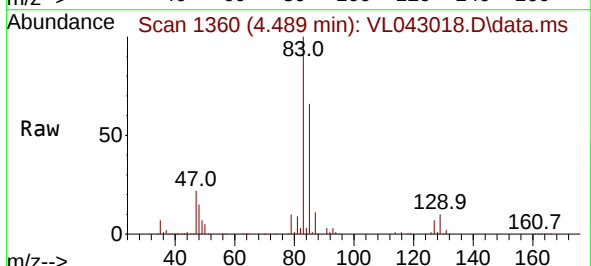
Manual Integrations
APPROVED

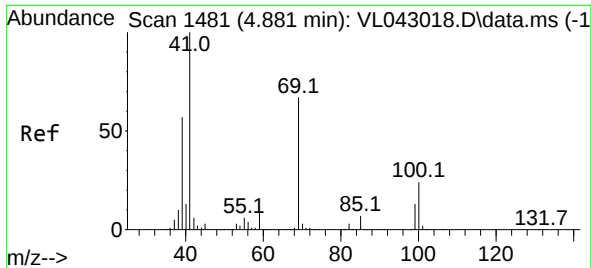
Reviewed By :Semsettin Yesilyurt 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#42
Bromodichloromethane
Concen: 9.653 ppbv
RT: 4.489 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04

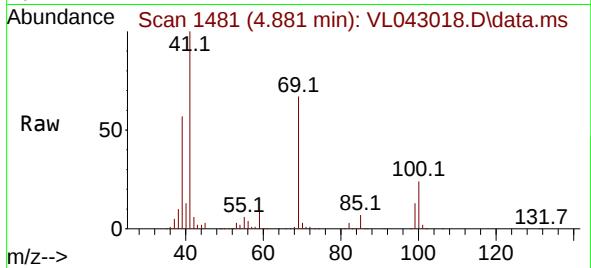
Tgt Ion: 83 Resp: 369811
Ion Ratio Lower Upper
83 100
85 65.7 52.6 78.8
127 7.1 5.7 8.5





#43
Methyl Methacrylate
Concen: 10.538 ppbv
RT: 4.881 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04

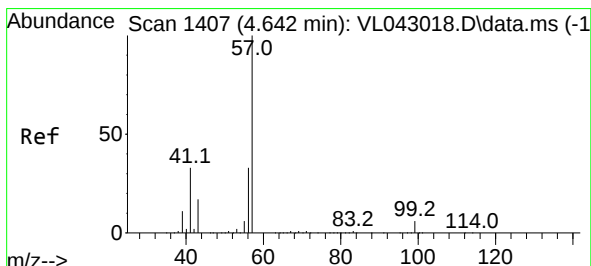
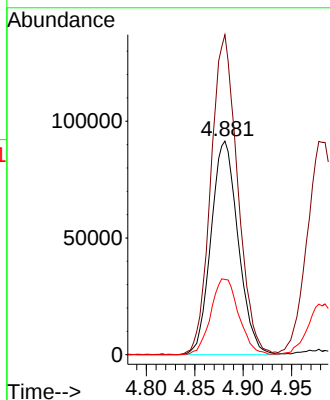
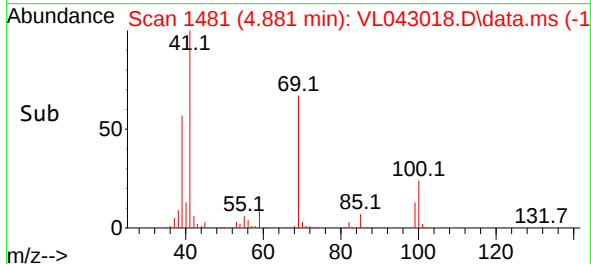
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



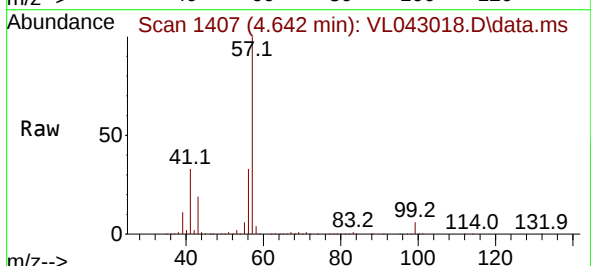
Tgt Ion: 69 Resp: 17871
Ion Ratio Lower Upper
69 100
41 147.0 117.6 176.4
100 36.3 29.0 43.6

Manual Integrations
APPROVED

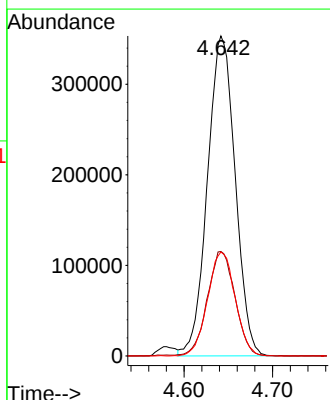
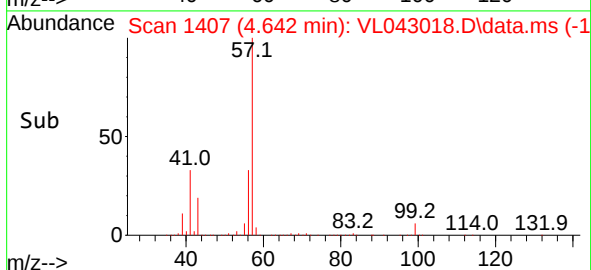
Reviewed By :Semsettin Yesilyurt 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

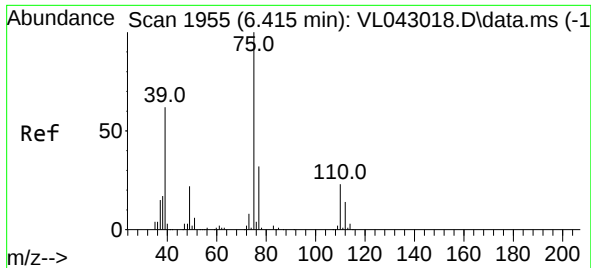


#44
2,2,4-Trimethylpentane
Concen: 9.683 ppbv
RT: 4.642 min Scan# 1407
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04



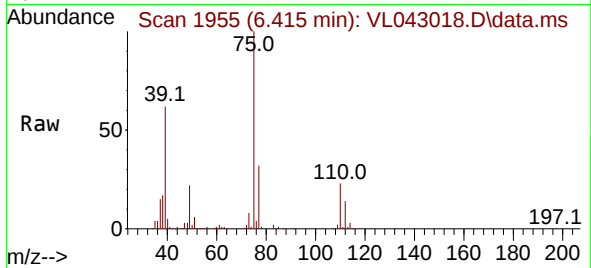
Tgt Ion: 57 Resp: 768864
Ion Ratio Lower Upper
57 100
41 32.7 26.2 39.2
56 32.4 25.9 38.9





#45
 t-1,3-Dichloropropene
 Concen: 10.433 ppbv
 RT: 6.415 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VL043018.D
 Acq: 30 Sep 2025 09:04

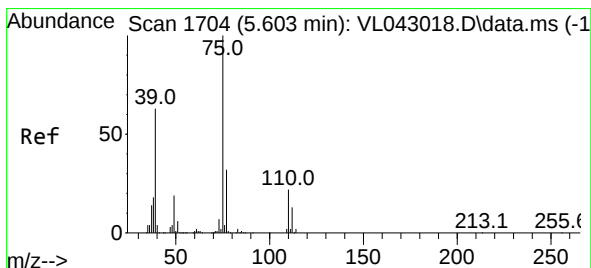
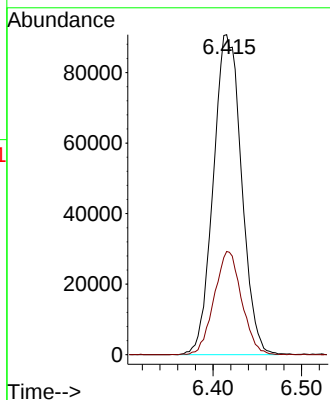
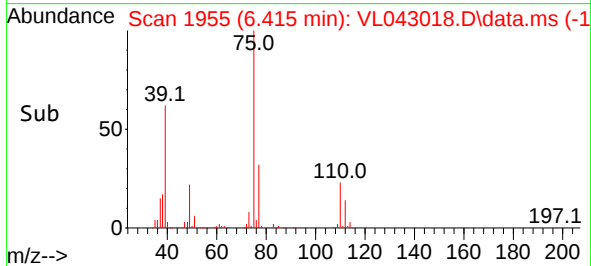
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



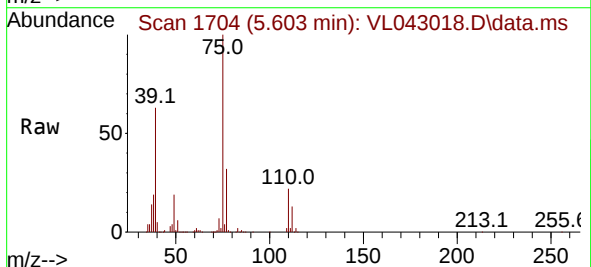
Tgt Ion: 75 Resp: 201168
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.8 38.6

Manual Integrations
 APPROVED

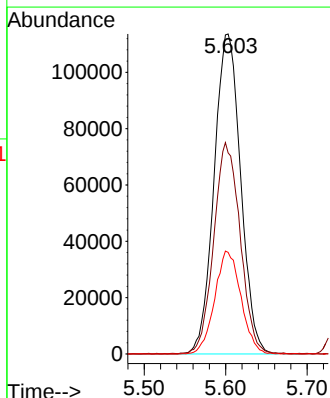
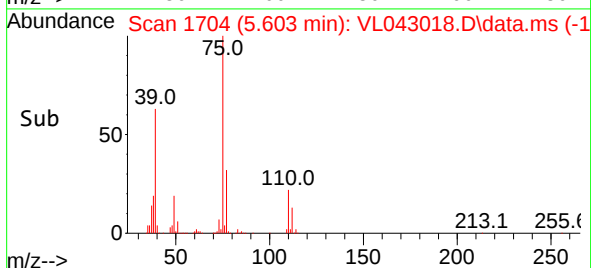
Reviewed By :Semsettin Yesilyurt 10/01/2025
 Supervised By :Mahesh Dadoda 10/03/2025

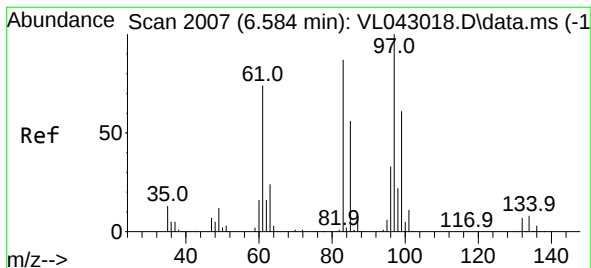


#46
 cis-1,3-Dichloropropene
 Concen: 10.245 ppbv
 RT: 5.603 min Scan# 1704
 Delta R.T. 0.000 min
 Lab File: VL043018.D
 Acq: 30 Sep 2025 09:04



Tgt Ion: 75 Resp: 257695
 Ion Ratio Lower Upper
 75 100
 39 62.7 50.2 75.2
 77 31.7 25.4 38.0





#47

1,1,2-Trichloroethane

Concen: 9.634 ppbv

RT: 6.584 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 97 Resp: 18111

Ion Ratio Lower Upper

97 100

83 87.0 69.6 104.4

85 55.7 44.6 66.8

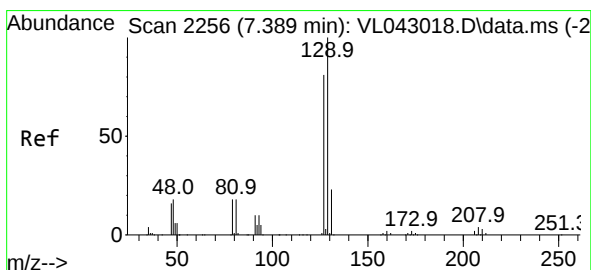
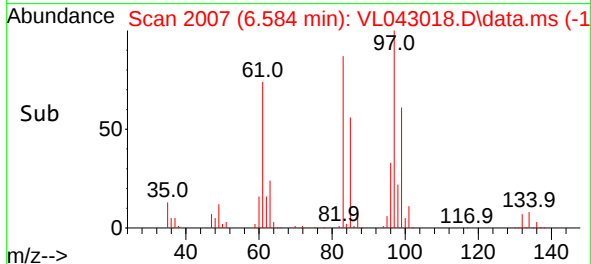
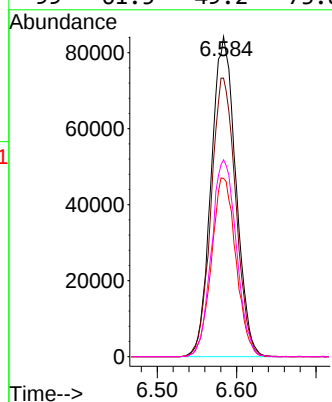
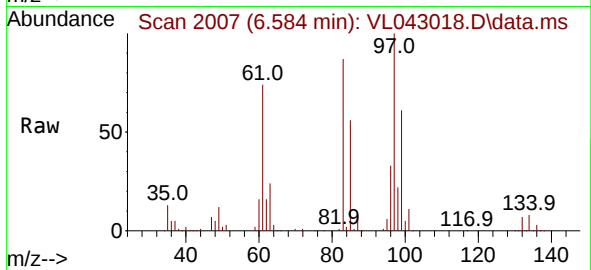
99 61.5 49.2 73.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2025

Supervised By :Mahesh Dadoda 10/03/2025



#48

Dibromochloromethane

Concen: 9.836 ppbv

RT: 7.389 min Scan# 2256

Delta R.T. 0.000 min

Lab File: VL043018.D

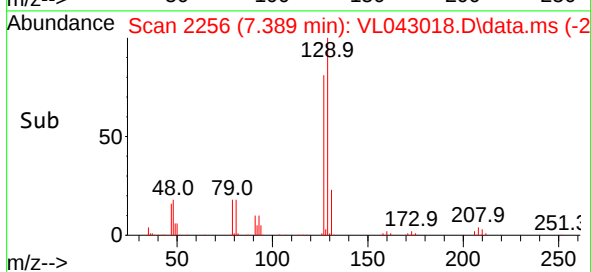
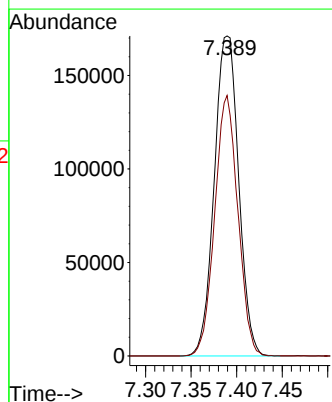
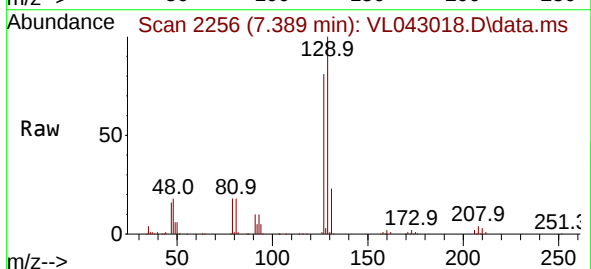
Acq: 30 Sep 2025 09:04

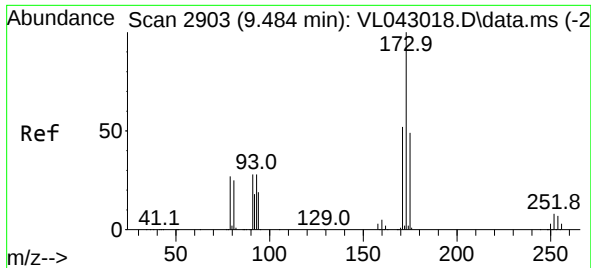
Tgt Ion:129 Resp: 318763

Ion Ratio Lower Upper

129 100

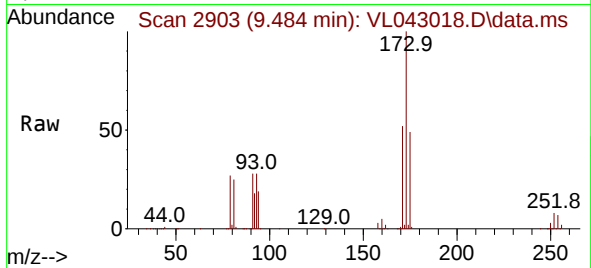
127 77.3 38.6 116.0





#49
Bromoform
Concen: 10.180 ppbv
RT: 9.484 min Scan# 2903
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04

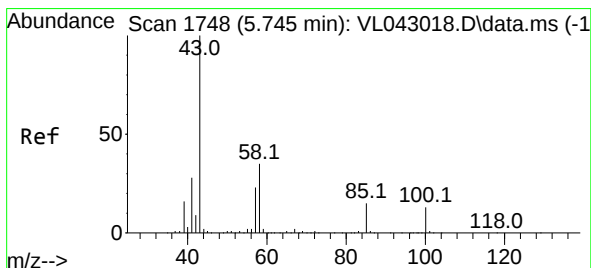
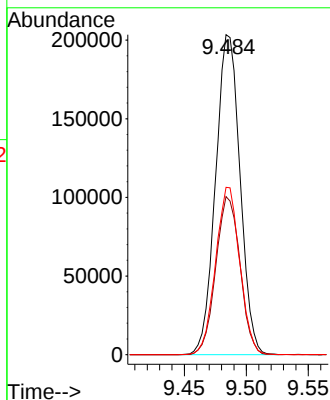
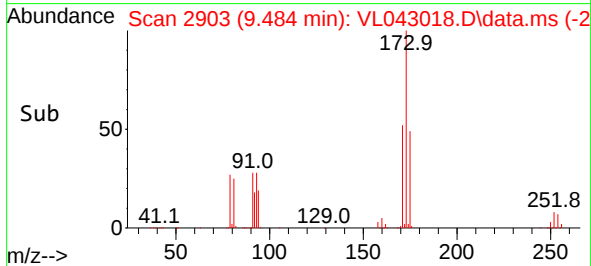
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 173 Resp: 279935
Ion Ratio Lower Upper
173 100
175 48.9 39.1 58.7
171 51.7 41.4 62.0

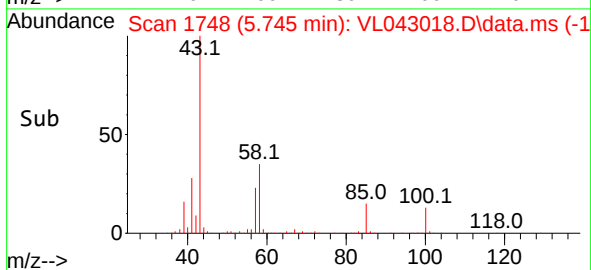
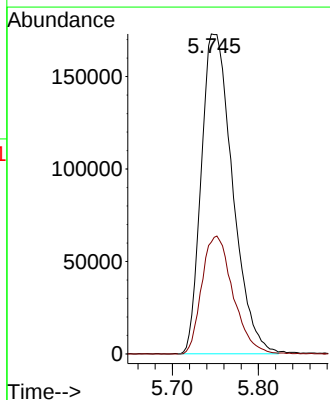
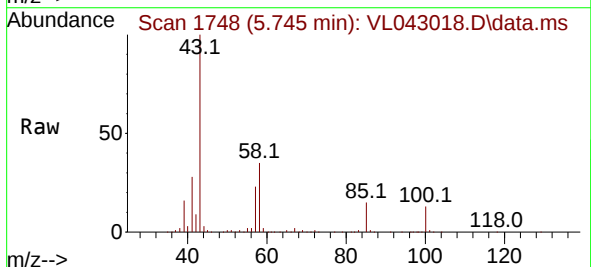
Manual Integrations
APPROVED

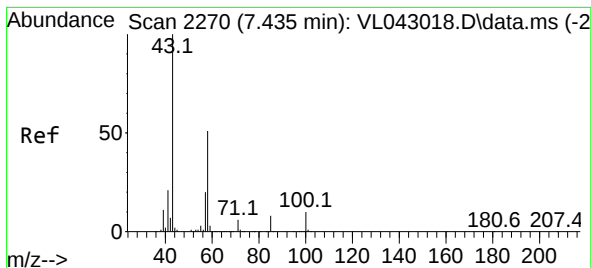
Reviewed By :Semsettin Yesilyurt 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#50
4-Methyl-2-Pentanone
Concen: 10.115 ppbv
RT: 5.745 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04

Tgt Ion: 43 Resp: 437662
Ion Ratio Lower Upper
43 100
58 36.8 29.4 44.2





#51

2-Hexanone

Concen: 10.995 ppbv

RT: 7.435 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

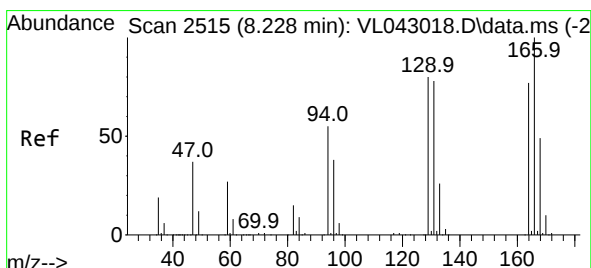
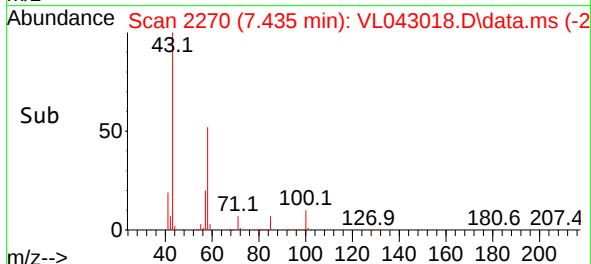
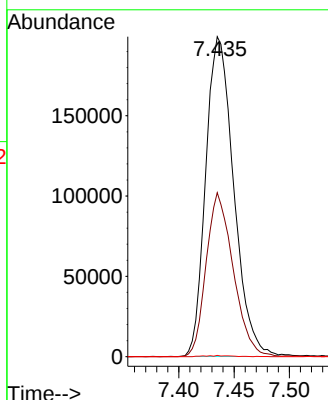
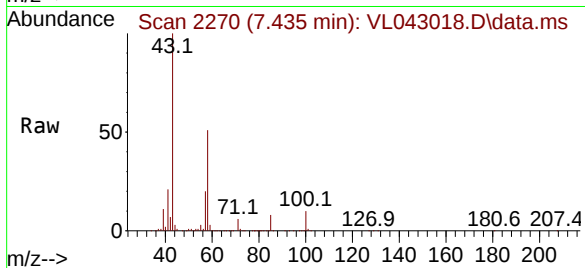
Tgt Ion: 43 Resp: 35057

Ion	Ratio	Lower	Upper
43	100		
58	49.6	39.7	59.5
98	0.3	0.2	0.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#52

Tetrachloroethene

Concen: 9.030 ppbv

RT: 8.228 min Scan# 2515

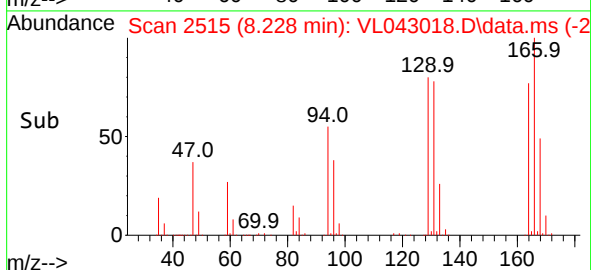
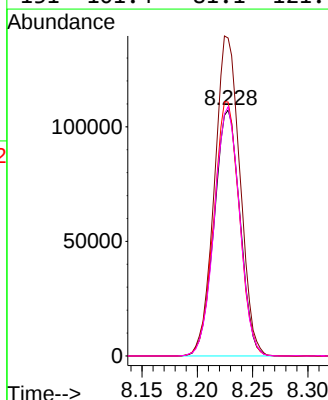
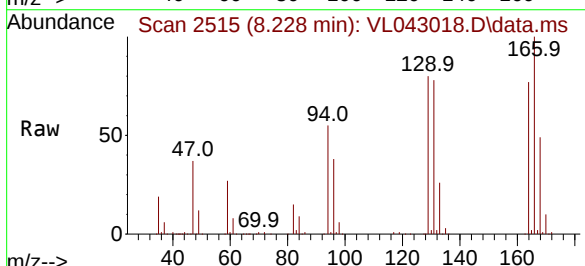
Delta R.T. 0.000 min

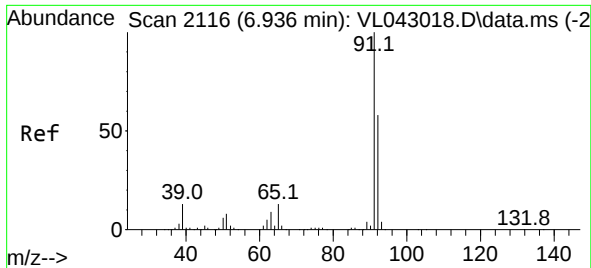
Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

Tgt Ion:164 Resp: 173739

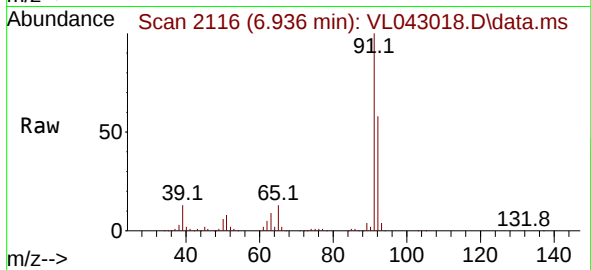
Ion	Ratio	Lower	Upper
164	100		
166	129.4	103.5	155.3
129	103.3	82.6	124.0
131	101.4	81.1	121.7





#53
Toluene
Concen: 10.068 ppbv
RT: 6.936 min Scan# 2116
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04

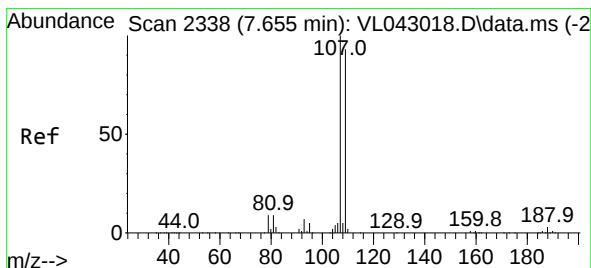
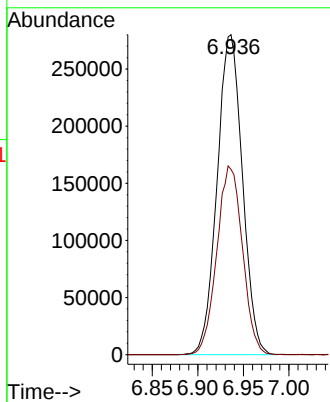
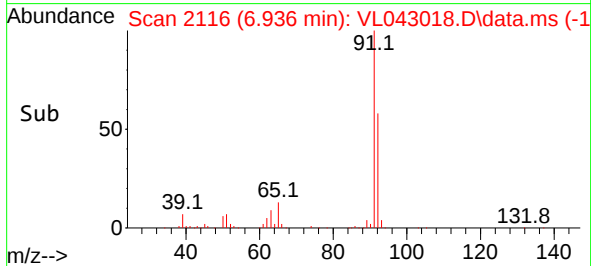
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



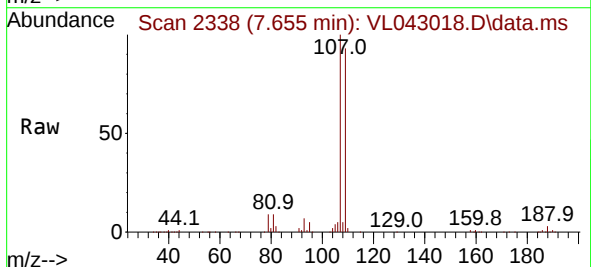
Tgt Ion: 91 Resp: 541908
Ion Ratio Lower Upper
91 100
92 59.6 47.7 71.5

Manual Integrations
APPROVED

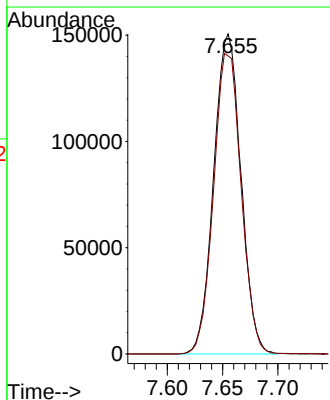
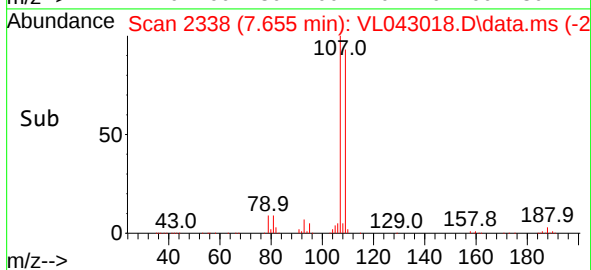
Reviewed By :Semsettin Yesilyurt 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

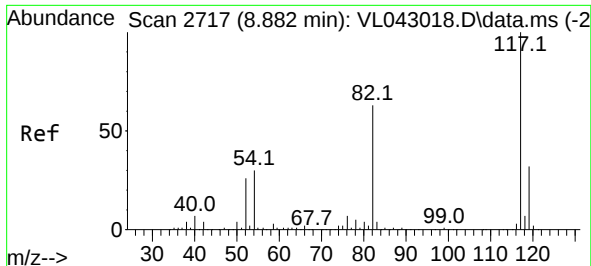


#54
1,2-Dibromoethane
Concen: 9.836 ppbv
RT: 7.655 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04



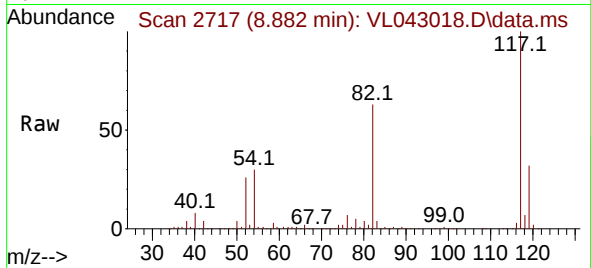
Tgt Ion:107 Resp: 258052
Ion Ratio Lower Upper
107 100
109 93.2 74.6 111.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 2717
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04

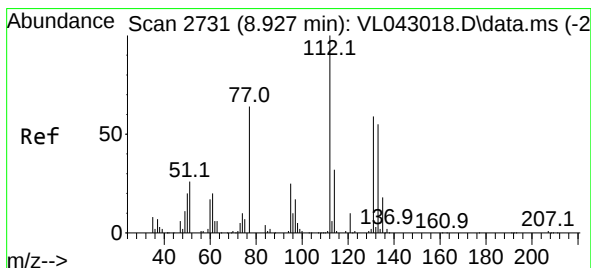
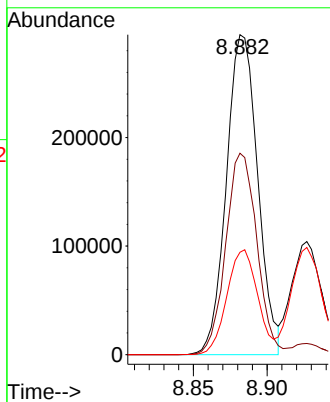
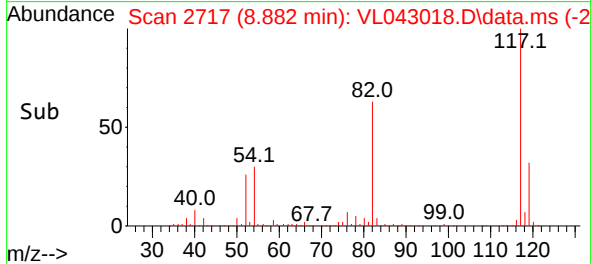
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:117 Resp: 43552
Ion Ratio Lower Upper
117 100
82 65.7 52.6 78.8
119 33.0 26.4 39.6

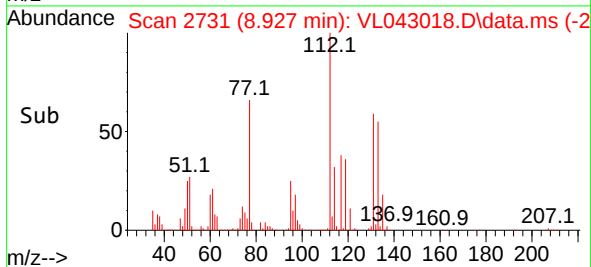
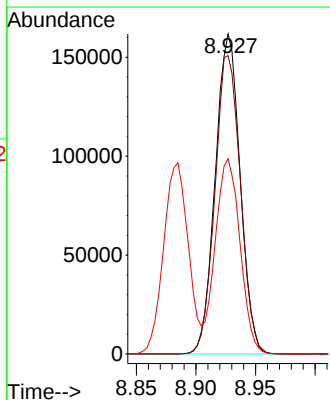
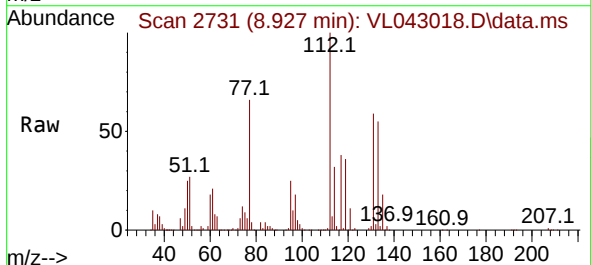
Manual Integrations
APPROVED

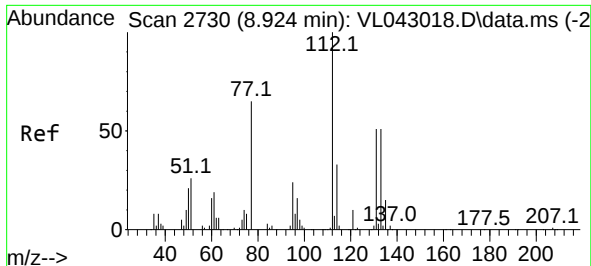
Reviewed By :Semsettin Yesilyurt 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 9.509 ppbv
RT: 8.927 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04

Tgt Ion:131 Resp: 234673
Ion Ratio Lower Upper
131 100
133 95.7 76.6 114.8
119 61.0 48.8 73.2





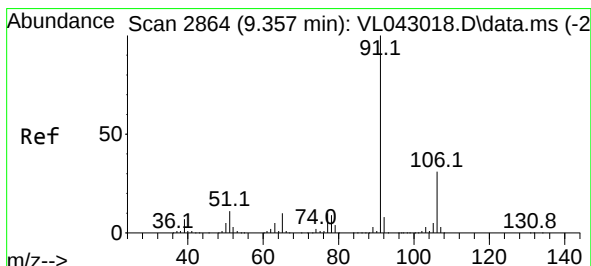
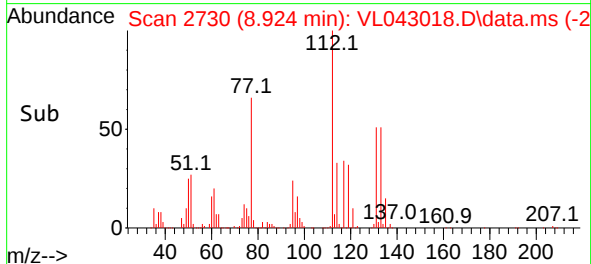
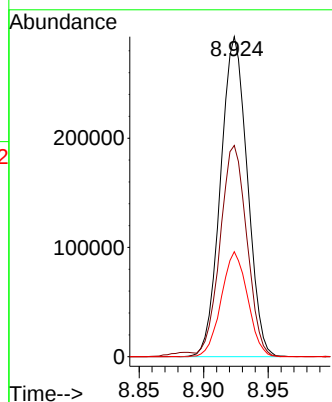
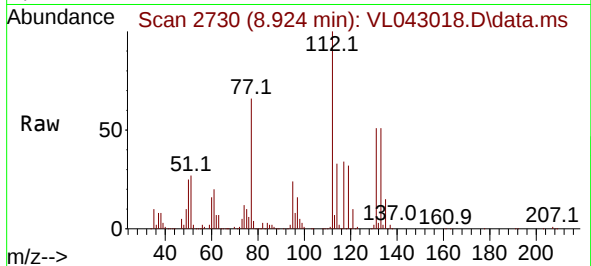
#57
Chlorobenzene
Concen: 9.409 ppbv
RT: 8.924 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:112 Resp: 422421
Ion Ratio Lower Upper
112 100
77 65.9 52.7 79.1
114 32.8 29.5 36.1

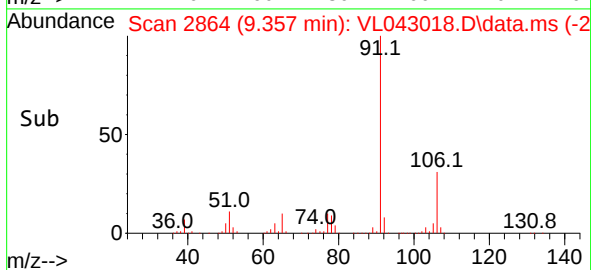
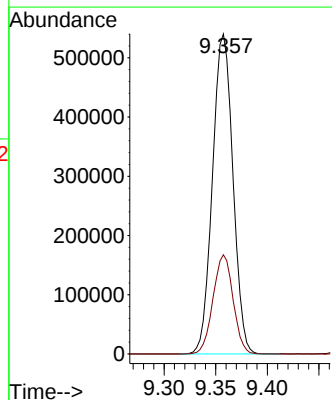
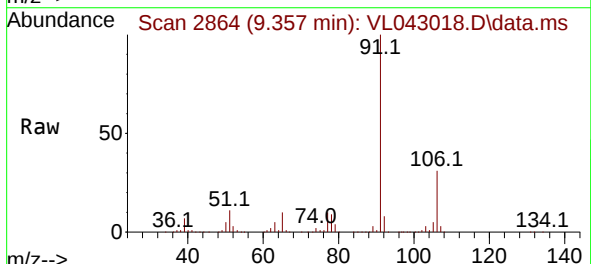
Manual Integrations
APPROVED

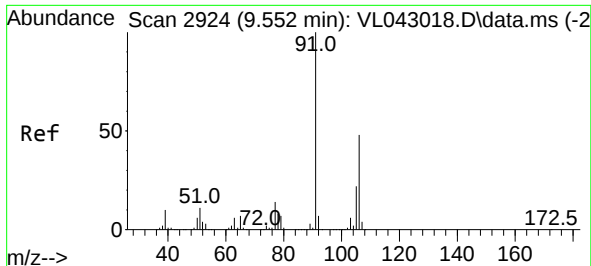
Reviewed By :Semsettin Yesilyurt 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#58
Ethyl Benzene
Concen: 10.068 ppbv
RT: 9.357 min Scan# 2864
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04

Tgt Ion: 91 Resp: 743277
Ion Ratio Lower Upper
91 100
106 31.0 24.8 37.2





#59

m/p-Xylene

Concen: 19.920 ppbv m

RT: 9.552 min Scan# 2924

Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 91 Resp: 118321

Ion Ratio Lower Upper

91 100

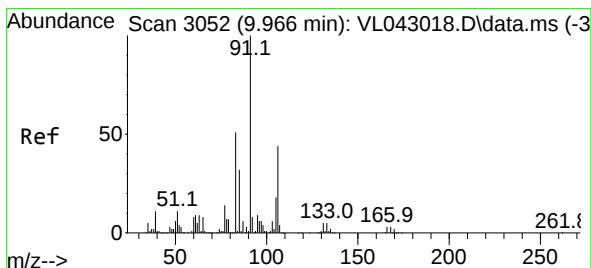
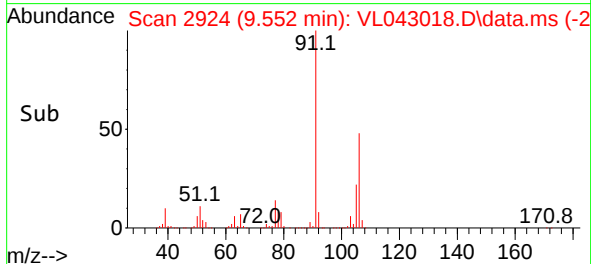
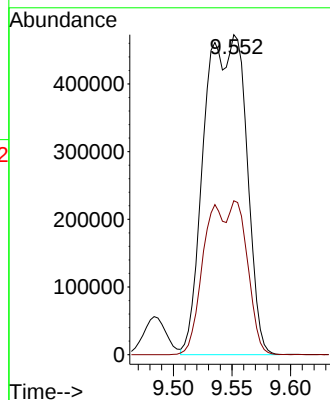
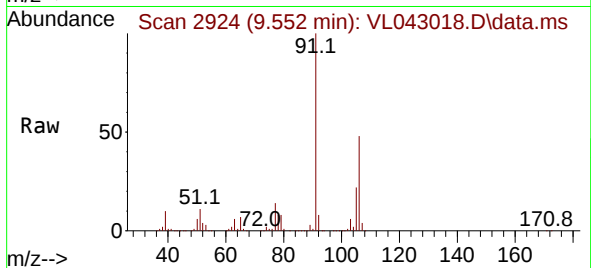
106 47.6 38.1 57.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2025

Supervised By :Mahesh Dadoda 10/03/2025



#60

o-Xylene

Concen: 10.039 ppbv

RT: 9.966 min Scan# 3052

Delta R.T. 0.000 min

Lab File: VL043018.D

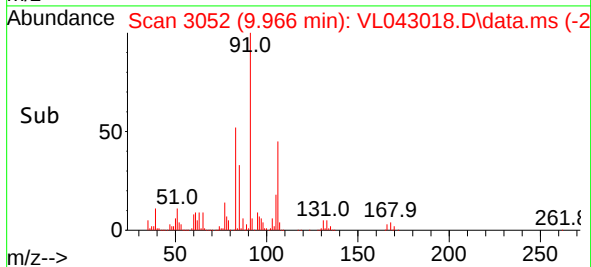
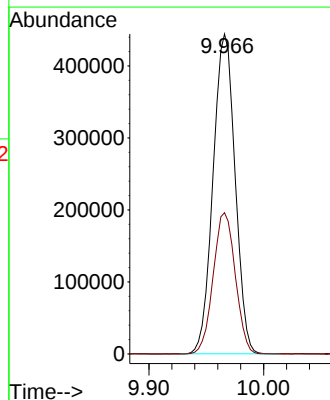
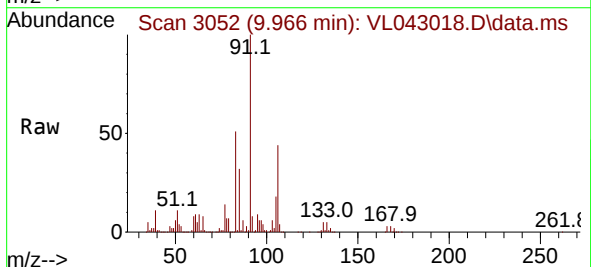
Acq: 30 Sep 2025 09:04

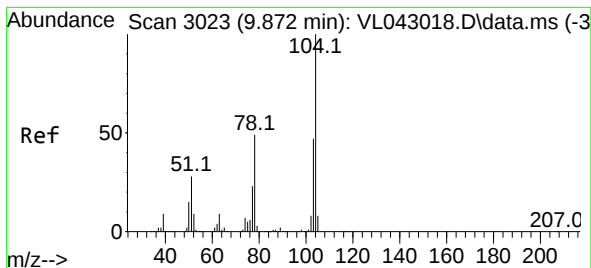
Tgt Ion: 91 Resp: 592630

Ion Ratio Lower Upper

91 100

106 44.4 22.2 66.6





#61

Styrene

Concen: 10.868 ppbv

RT: 9.872 min Scan# 3023

Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

Instrument :

MSVOA_L

ClientSampleId :

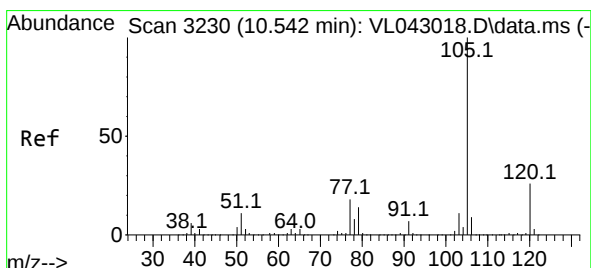
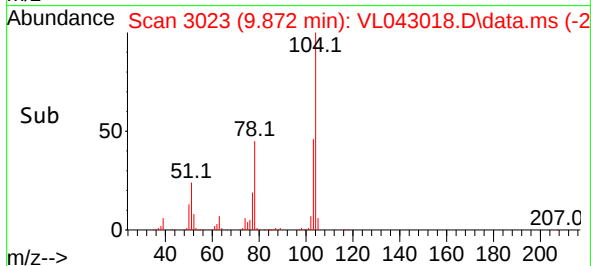
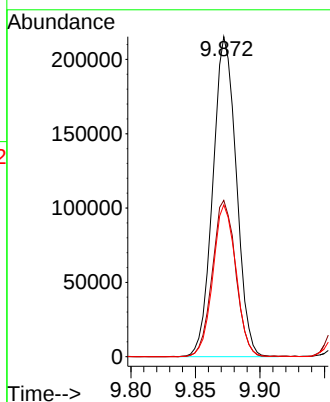
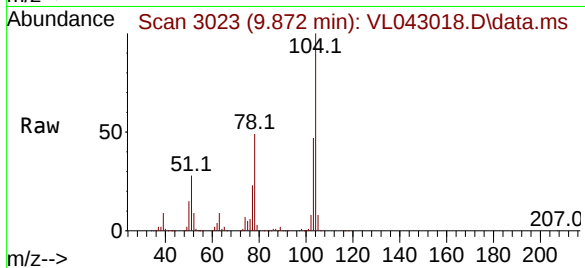
VSTDICCC010

Tgt Ion:104	Resp: 271562
Ion Ratio	Lower Upper
104 100	
78 48.7	39.0 58.4
103 46.8	37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#62

Isopropylbenzene

Concen: 9.913 ppbv

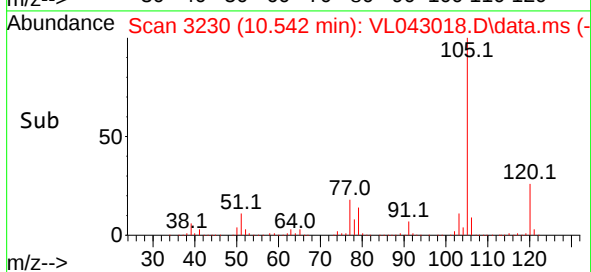
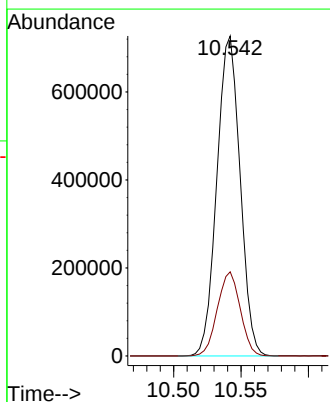
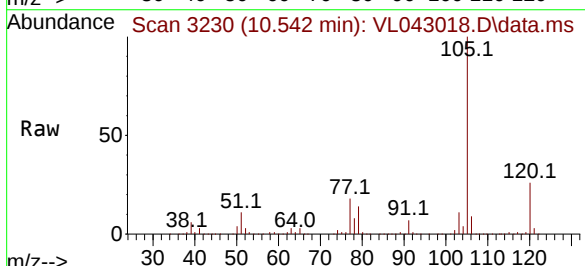
RT: 10.542 min Scan# 3230

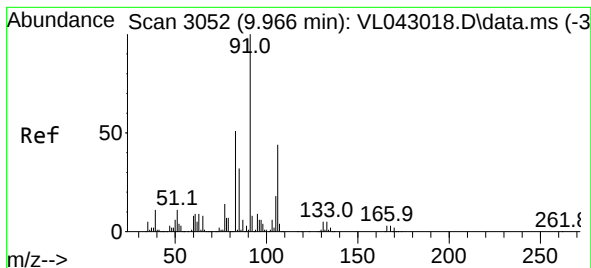
Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

Tgt Ion:105	Resp: 871327
Ion Ratio	Lower Upper
105 100	
120 25.9	20.7 31.1





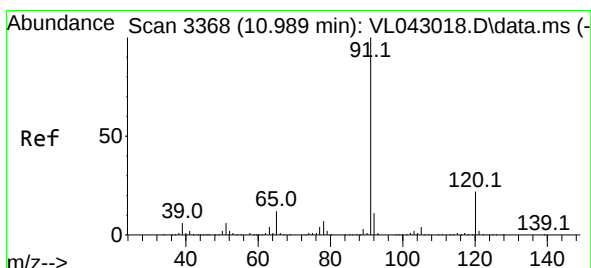
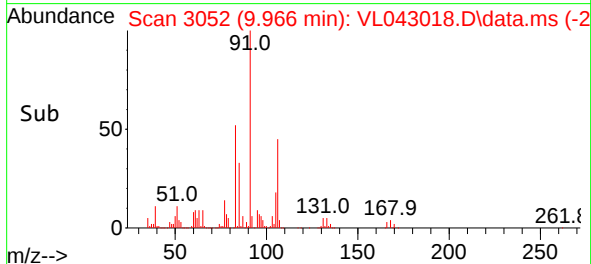
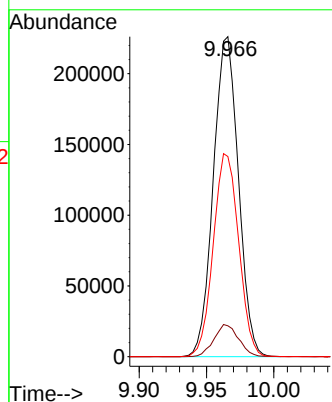
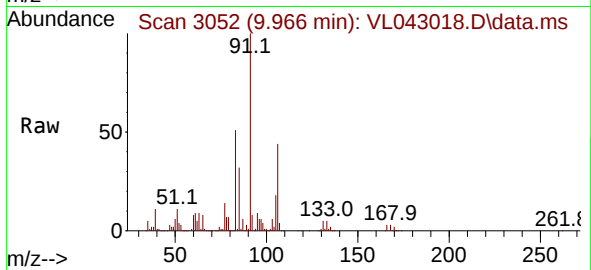
#63
1,1,2,2-Tetrachloroethane
Concen: 9.248 ppbv
RT: 9.966 min Scan# 3052
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 293025
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 64.4 32.2 96.6

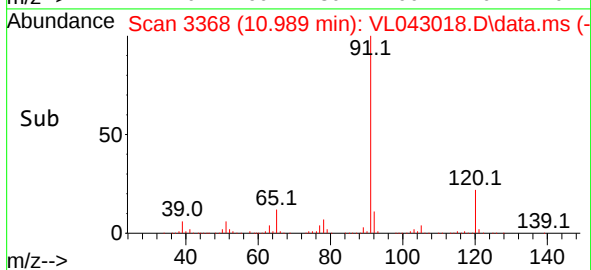
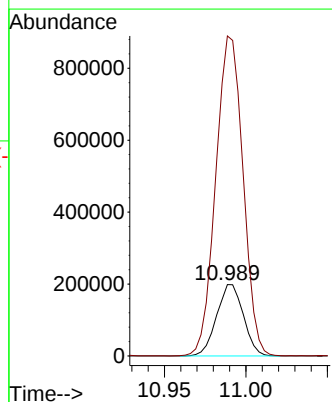
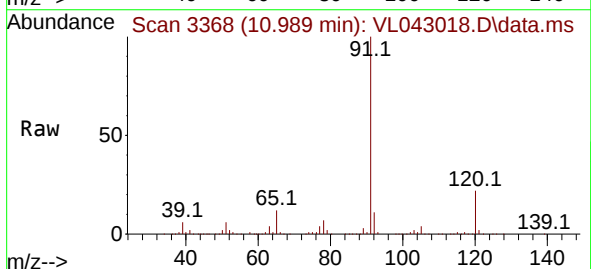
Manual Integrations
APPROVED

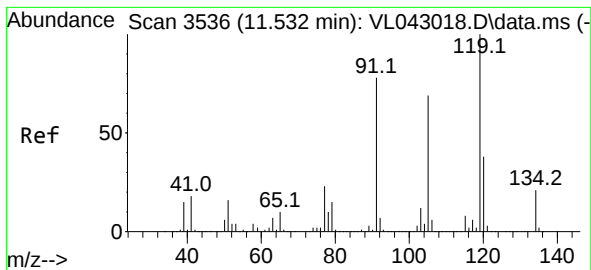
Reviewed By :Semsettin Yesilyurt 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#64
n-propylbenzene
Concen: 9.886 ppbv
RT: 10.989 min Scan# 3368
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04

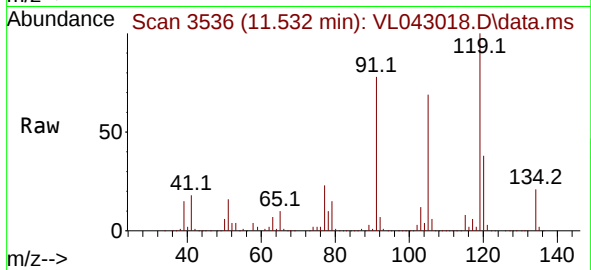
Tgt Ion:120 Resp: 226471
Ion Ratio Lower Upper
120 100
91 457.0 365.6 548.4





#65
tert-Butylbenzene
Concen: 9.755 ppbv
RT: 11.532 min Scan# 3536
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04

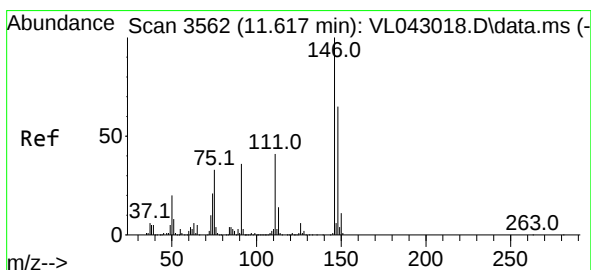
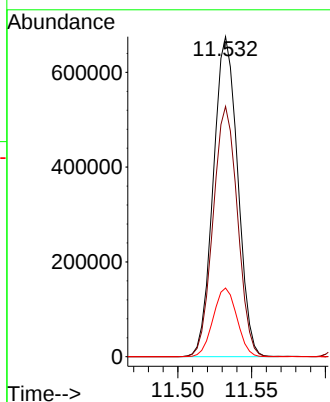
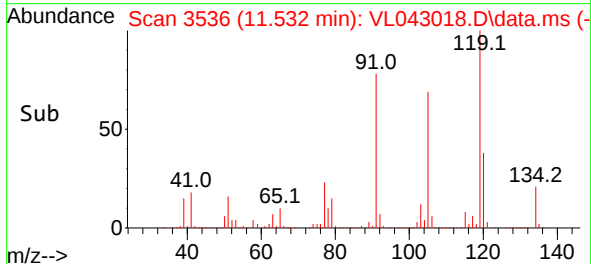
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:119 Resp: 776480
Ion Ratio Lower Upper
119 100
91 78.2 62.6 93.8
134 20.9 16.7 25.1

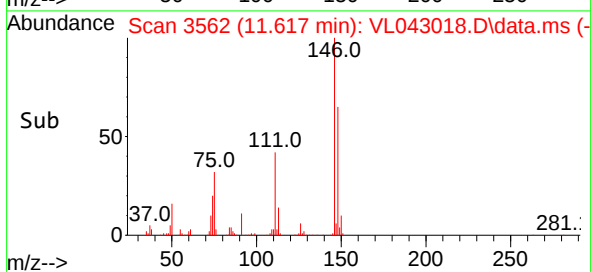
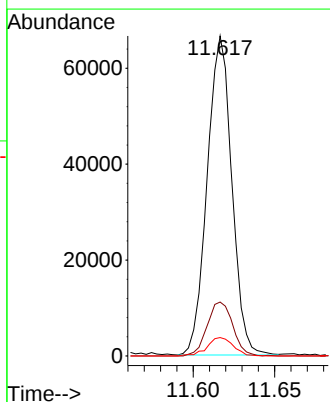
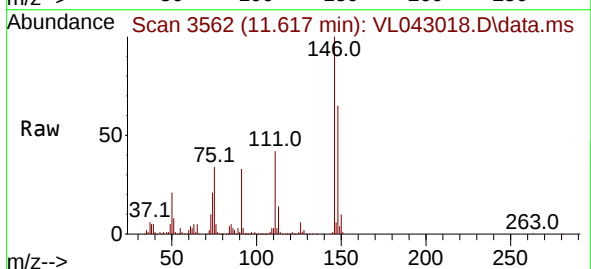
Manual Integrations
APPROVED

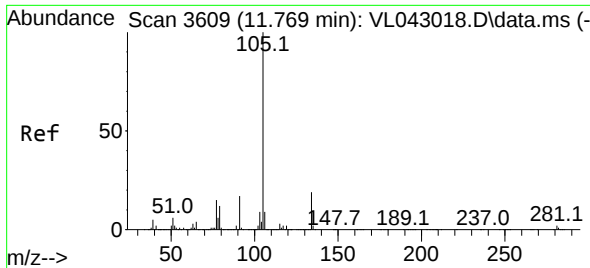
Reviewed By :Semsettin Yesilyurt 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#66
Benzyl Chloride
Concen: 11.008 ppbv
RT: 11.617 min Scan# 3562
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04

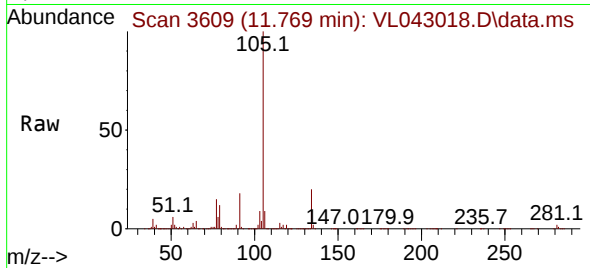
Tgt Ion: 91 Resp: 69902
Ion Ratio Lower Upper
91 100
126 17.6 14.1 21.1
128 6.1 4.9 7.3





#67
 sec-Butylbenzene
 Concen: 9.546 ppbv
 RT: 11.769 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VL043018.D
 Acq: 30 Sep 2025 09:04

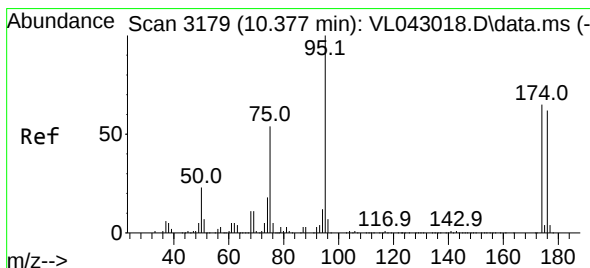
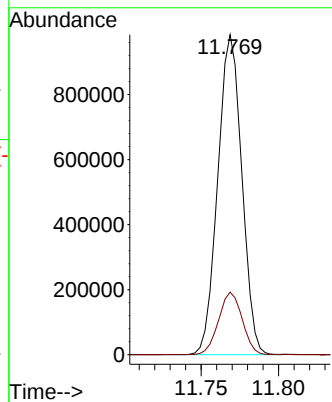
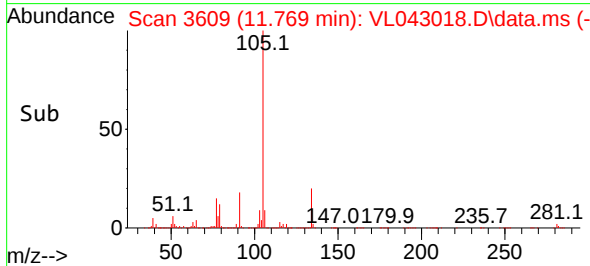
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion:105 Resp: 105959
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.4 23.2

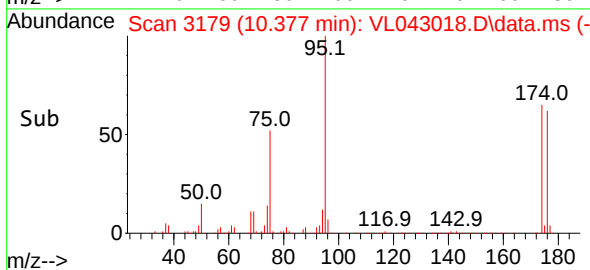
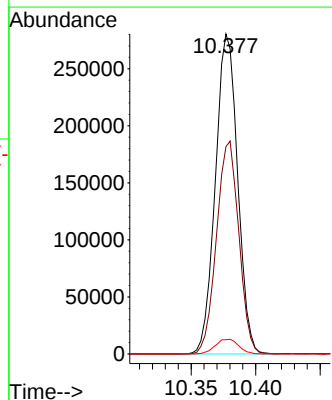
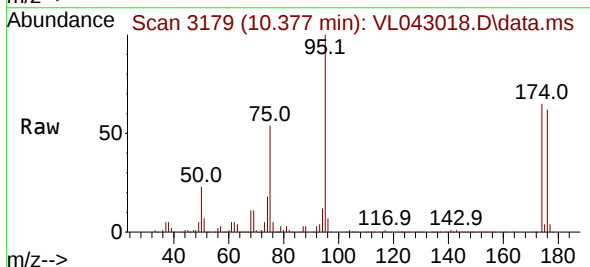
Manual Integrations
 APPROVED

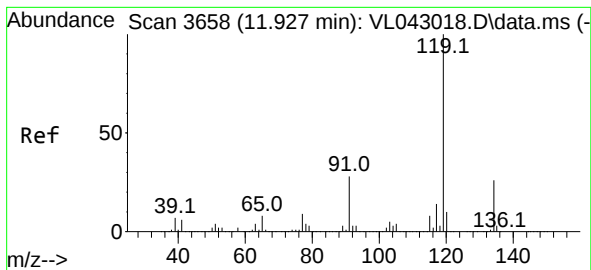
Reviewed By :Semsettin Yesilyurt 10/01/2025
 Supervised By :Mahesh Dadoda 10/03/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.167 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. 0.000 min
 Lab File: VL043018.D
 Acq: 30 Sep 2025 09:04

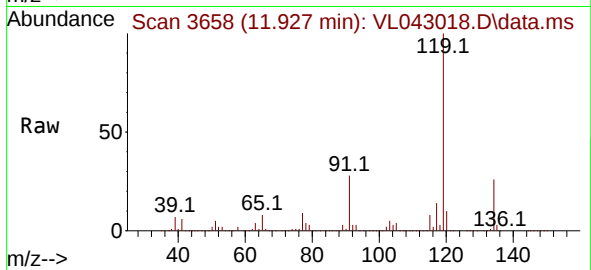
Tgt Ion: 95 Resp: 335426
 Ion Ratio Lower Upper
 95 100
 174 66.8 53.4 80.2
 175 4.8 3.8 5.8





#69
p-Isopropyltoluene
Concen: 9.871 ppbv
RT: 11.927 min Scan# 3658
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04

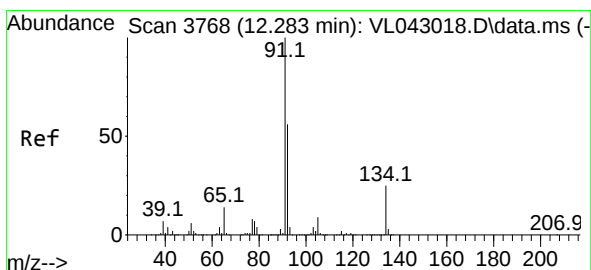
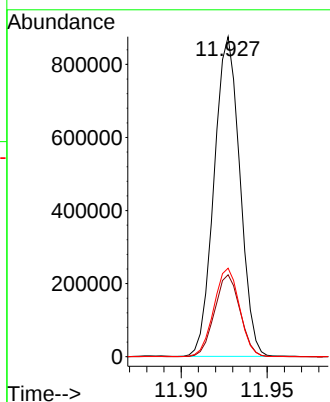
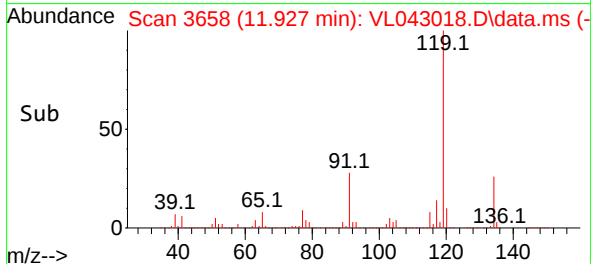
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



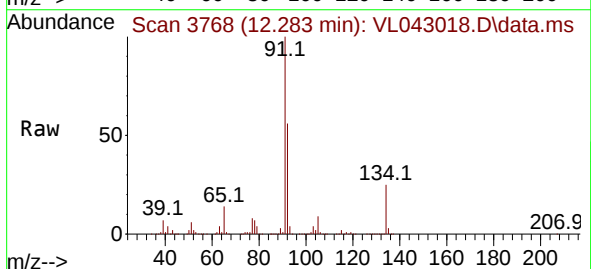
Tgt Ion: 119 Resp: 912492
Ion Ratio Lower Upper
119 100
134 25.4 20.3 30.5
91 27.6 22.1 33.1

Manual Integrations
APPROVED

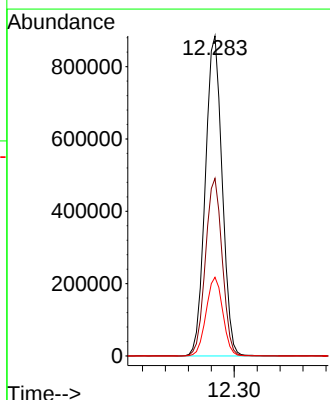
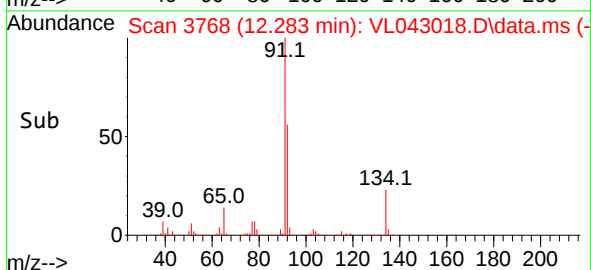
Reviewed By :Semsettin Yesilyurt 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

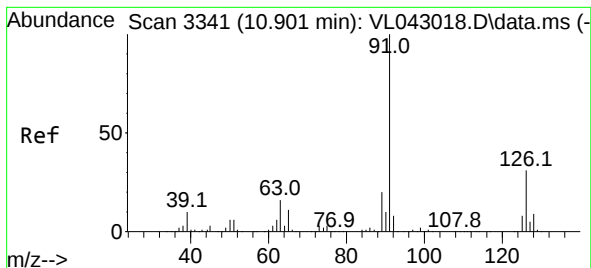


#70
n-Butylbenzene
Concen: 10.076 ppbv
RT: 12.283 min Scan# 3768
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04



Tgt Ion: 91 Resp: 899952
Ion Ratio Lower Upper
91 100
92 55.3 44.2 66.4
134 24.4 19.5 29.3





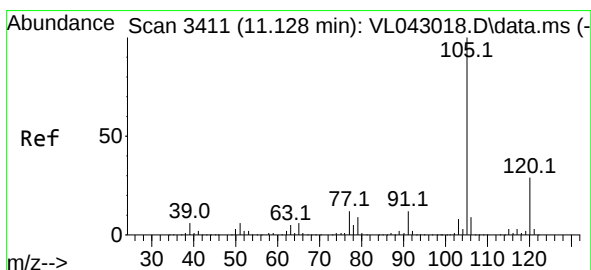
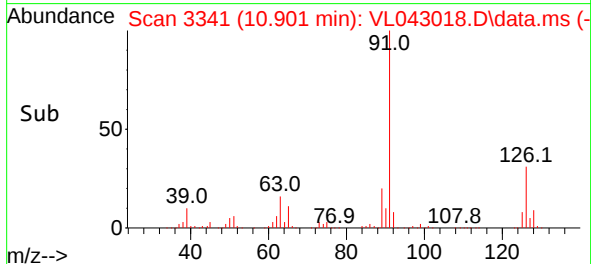
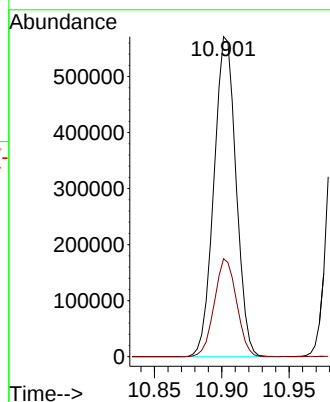
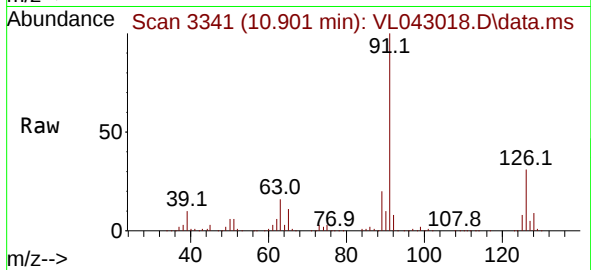
#71
2-Chlorotoluene
Concen: 9.943 ppbv
RT: 10.901 min Scan# 3341
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 651840
Ion Ratio Lower Upper
91 100
126 30.8 12.3 49.3

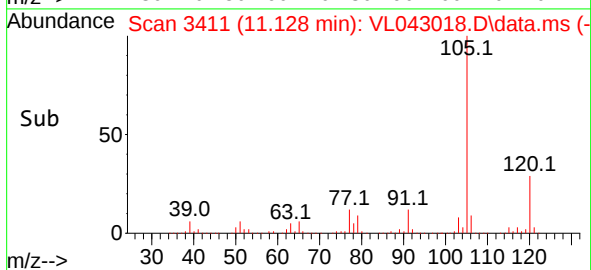
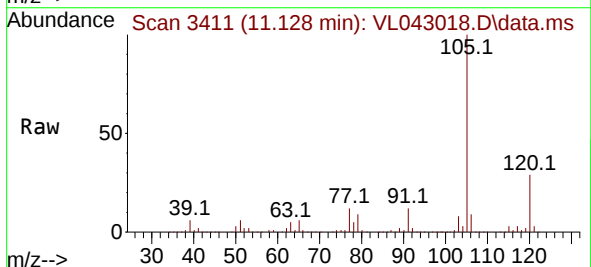
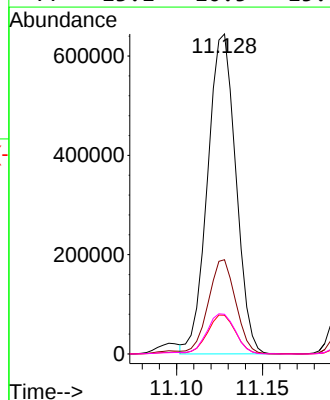
Manual Integrations
APPROVED

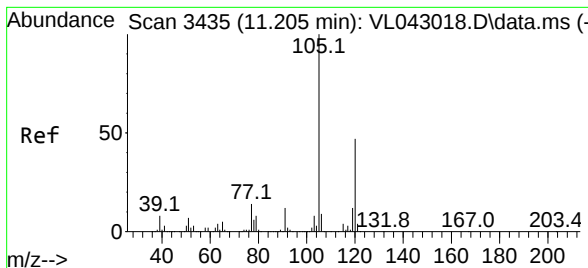
Reviewed By :Semsettin Yesilyurt 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#72
4-Ethyltoluene
Concen: 10.137 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04

Tgt Ion:105 Resp: 736218
Ion Ratio Lower Upper
105 100
120 29.5 23.6 35.4
91 12.5 10.0 15.0
77 13.1 10.5 15.7





#73

1,3,5-Trimethylbenzene

Concen: 9.908 ppbv

RT: 11.205 min Scan# 3435

Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:105 Resp: 60672

Ion Ratio Lower Upper

105 100

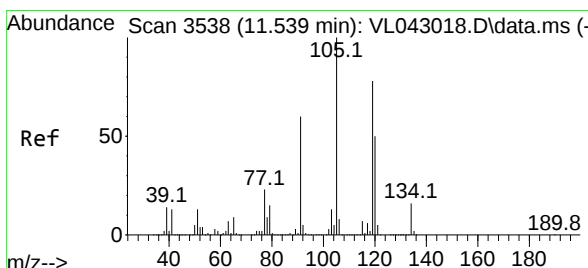
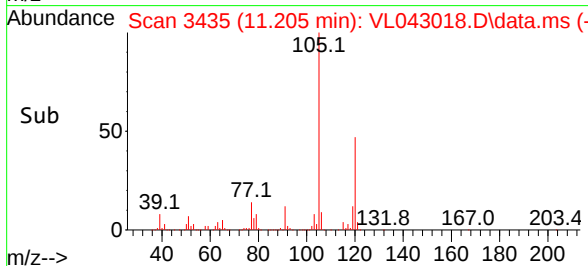
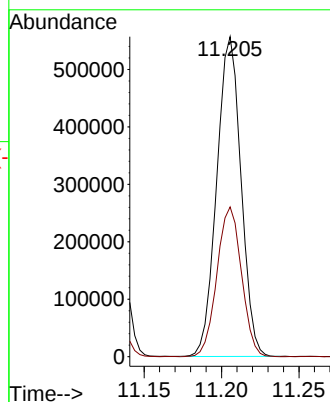
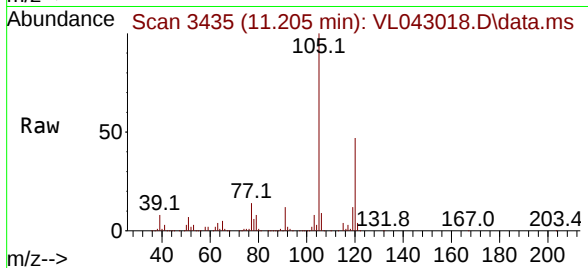
120 46.8 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2025

Supervised By :Mahesh Dadoda 10/03/2025



#74

1,2,4-Trimethylbenzene

Concen: 9.641 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

Tgt Ion:105 Resp: 666377

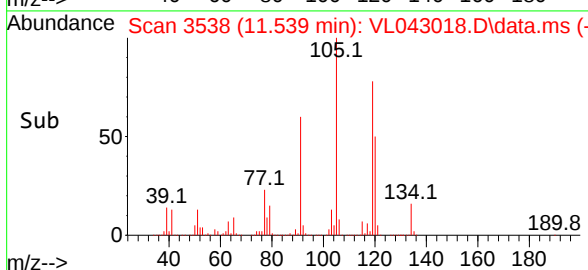
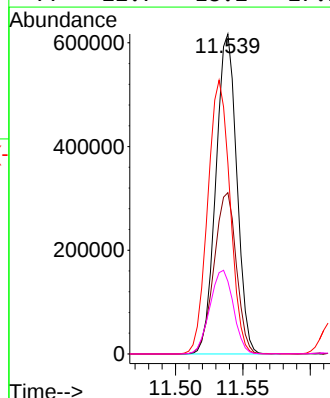
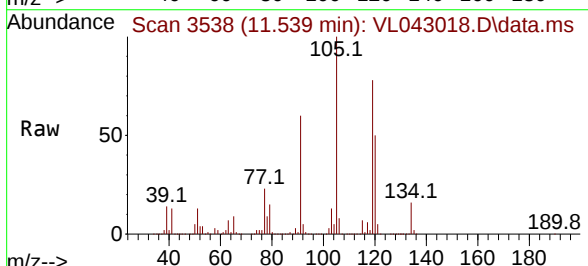
Ion Ratio Lower Upper

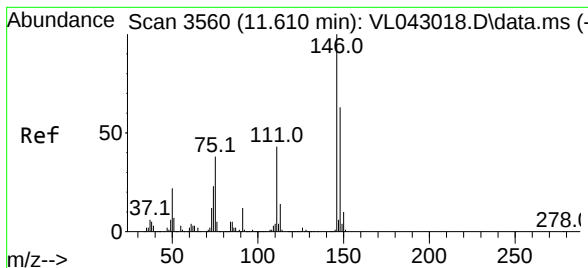
105 100

120 50.4 40.3 60.5

91 59.6 47.7 71.5

77 22.7 18.2 27.2





#75

1,3-Dichlorobenzene

Concen: 9.510 ppbv

RT: 11.610 min Scan# 3560

Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

Instrument :

MSVOA_L

ClientSampleId :

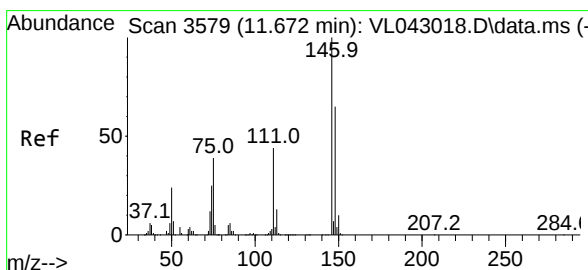
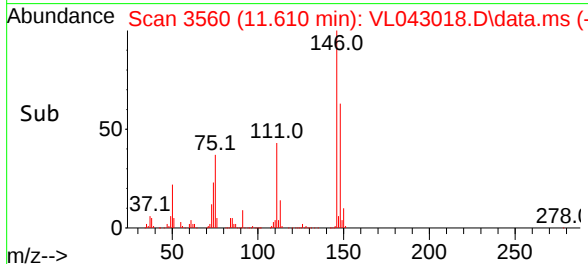
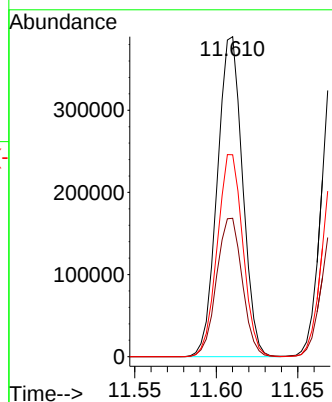
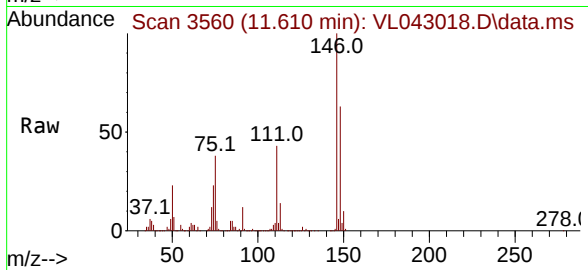
VSTDICCC010

Tgt Ion:	146	Resp:	419914
Ion Ratio	Lower	Upper	
146	100		
111	44.0	22.0	66.0
148	63.8	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#76

1,4-Dichlorobenzene

Concen: 9.672 ppbv

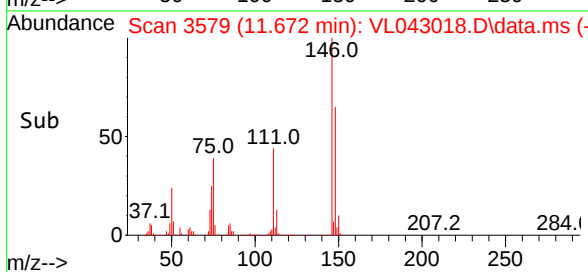
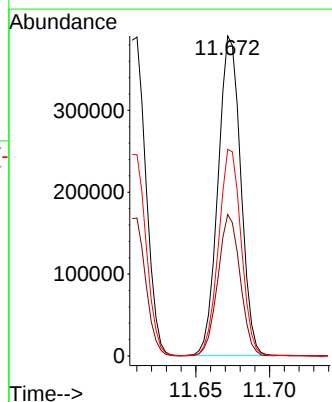
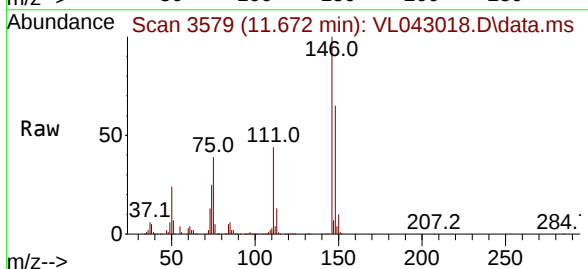
RT: 11.672 min Scan# 3579

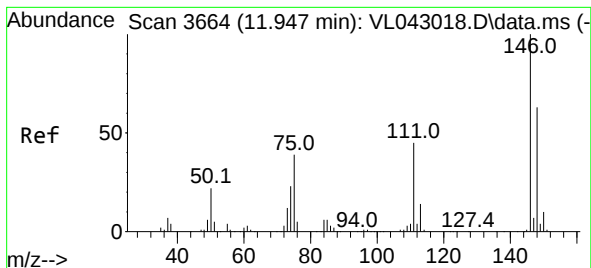
Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

Tgt Ion:	146	Resp:	417361
Ion Ratio	Lower	Upper	
146	100		
111	43.7	21.9	65.5
148	64.8	32.4	97.2





#77

1,2-Dichlorobenzene

Concen: 9.265 ppbv

RT: 11.947 min Scan# 3664

Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:146 Resp: 399469

Ion Ratio Lower Upper

146 100

111 45.7 22.9 68.5

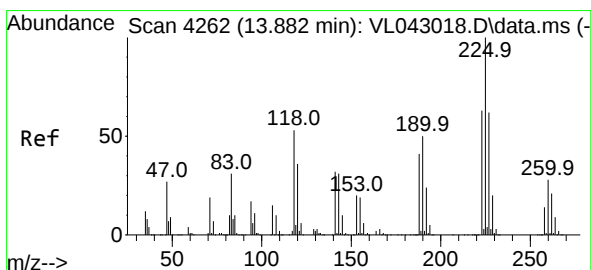
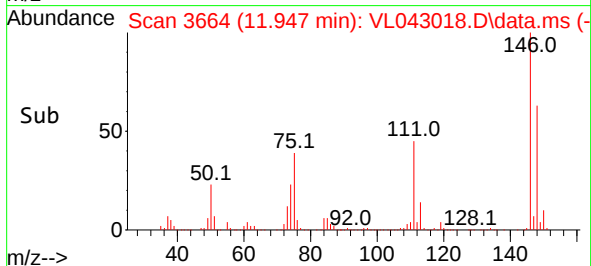
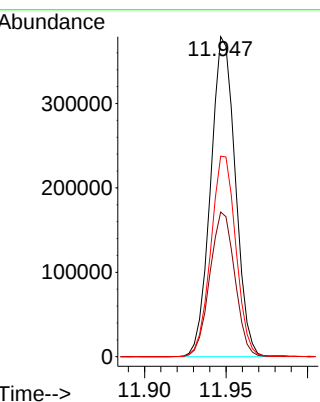
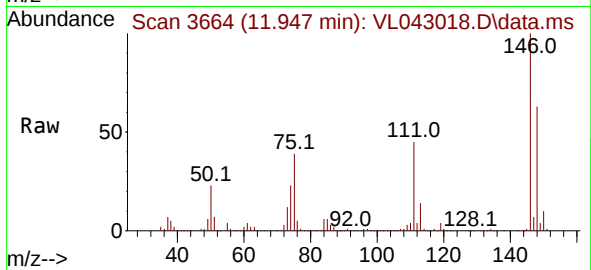
148 63.6 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2025

Supervised By :Mahesh Dadoda 10/03/2025



#78

Hexachloro-1,3-Butadiene

Concen: 8.822 ppbv

RT: 13.882 min Scan# 4262

Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

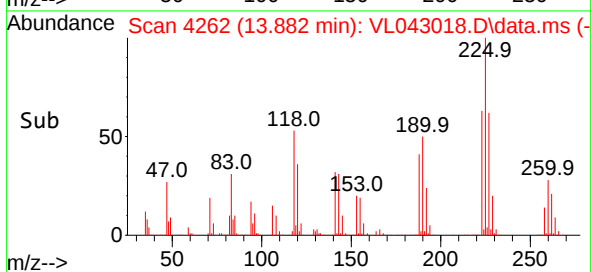
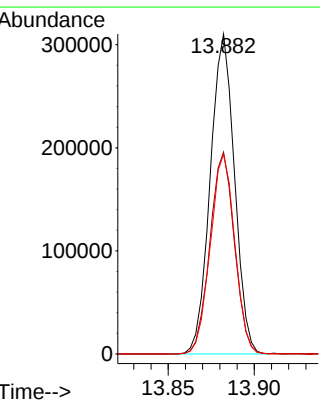
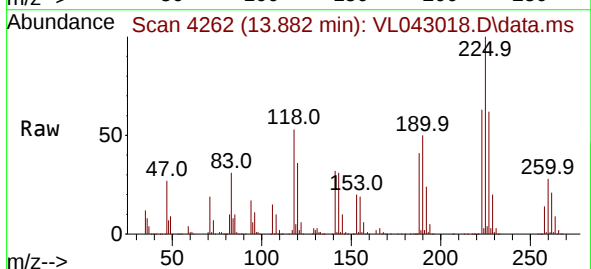
Tgt Ion:225 Resp: 304210

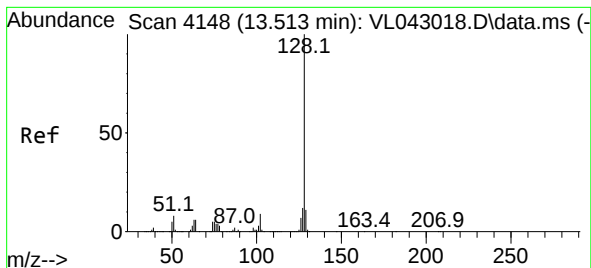
Ion Ratio Lower Upper

225 100

223 63.6 50.9 76.3

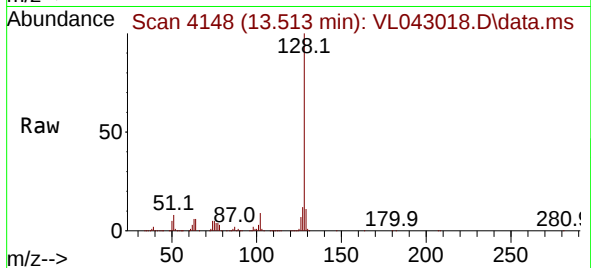
227 62.9 50.3 75.5





#79
Naphthalene
Concen: 11.821 ppbv
RT: 13.513 min Scan# 4148
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04

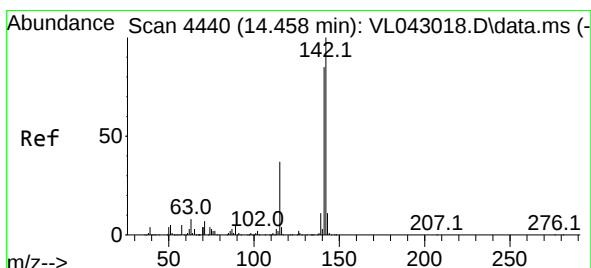
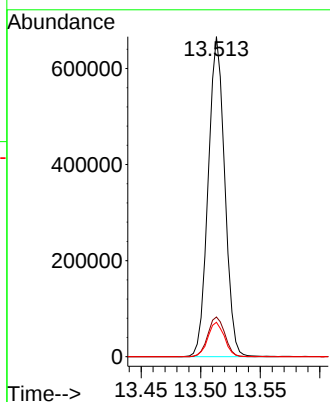
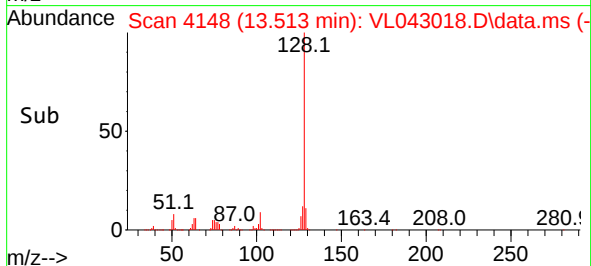
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



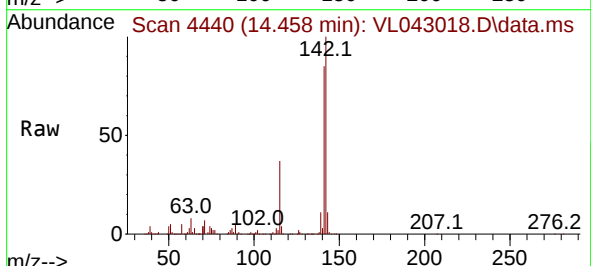
Tgt Ion:128 Resp: 64464
Ion Ratio Lower Upper
128 100
127 12.4 9.9 14.9
129 10.8 8.6 13.0

Manual Integrations
APPROVED

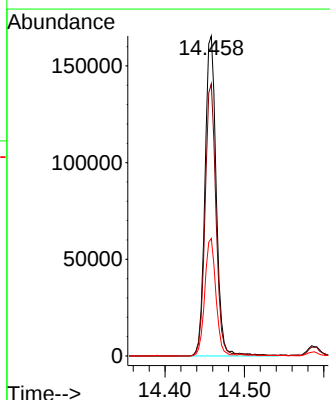
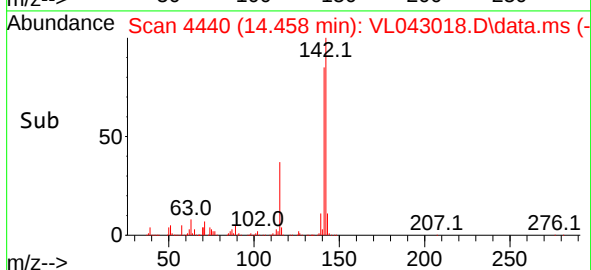
Reviewed By :Semsettin Yesilyurt 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

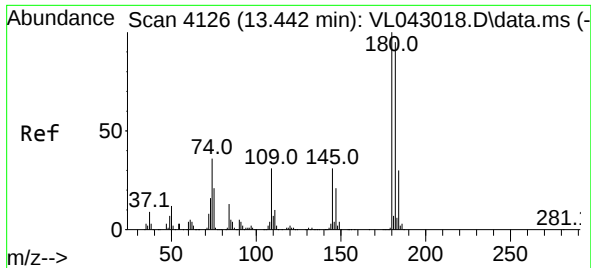


#80
Naphthalene,2-methyl-
Concen: 11.559 ppbv
RT: 14.458 min Scan# 4440
Delta R.T. 0.000 min
Lab File: VL043018.D
Acq: 30 Sep 2025 09:04



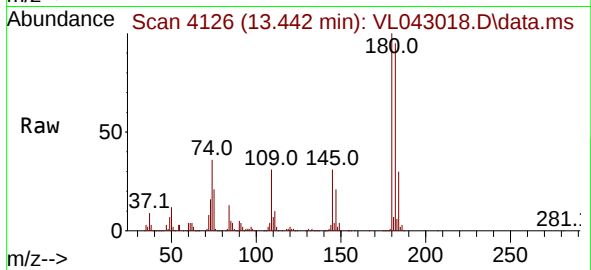
Tgt Ion:142 Resp: 163081
Ion Ratio Lower Upper
142 100
141 83.7 67.0 100.4
115 37.2 29.8 44.6





#81
 1,2,4-Trichlorobenzene
 Concen: 10.616 ppbv
 RT: 13.442 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL043018.D
 Acq: 30 Sep 2025 09:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion:180 Resp: 35105
 Ion Ratio Lower Upper
 180 100
 182 94.8 75.8 113.8
 184 30.3 24.2 36.4

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2025
 Supervised By :Mahesh Dadoda 10/03/2025

