

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050725\
 Data File : VL042518.D
 Acq On : 07 May 2025 15:02
 Operator : SY/MD
 Sample : MDL1 0.40
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.40

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025

Quant Time: May 08 01:37:31 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)

Internal Standards						
1) Bromochloromethane	2.793	49	71533	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.972	114	184794	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.894	117	153066	10.000	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.387 95 145687 10.266 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	5830	0.493	ppbv	90
3) Chlorodifluoromethane	1.476	51	6172	0.493	ppbv	98
4) Chloromethane	1.534	50	2867	0.579	ppbv	99
5) Vinyl Chloride	1.580	62	2164	0.434	ppbv #	66
6) Bromomethane	1.667	94	1274	0.541	ppbv	92
7) Chloroethane	1.706	64	1005	0.546	ppbv #	87
8) Dichlorotetrafluoroethane	1.557	85	5551	0.569	ppbv	99
9) Propene	1.486	41	1290m	0.315	ppbv	
10) Heptane	5.007	43	3422m	0.322	ppbv	
11) Trichlorofluoromethane	1.881	101	5919	0.542	ppbv	94
12) 1,1,2-Trichlorotrifluo...	2.146	101	4505	0.517	ppbv	98
13) Ethanol	1.725	45	690	0.831	ppbv	99
14) Bromoethene	1.784	108	1457	0.452	ppbv #	78
15) Acetone	1.842	43	8158	0.625	ppbv	100
16) 1,3-Butadiene	1.609	39	3123	0.542	ppbv #	80
17) tert-Butyl alcohol	2.049	59	4728	0.411	ppbv	96
18) 1,1-Dichloroethene	2.039	96	1875	0.460	ppbv	83
19) Isopropyl Alcohol	1.890	45	3531	0.489	ppbv	100
20) Methylene Chloride	2.068	84	2484	0.633	ppbv #	79
21) Allyl Chloride	2.101	41	4271	0.509	ppbv	86
22) trans-1,2-Dichloroethene	2.347	96	2473m	0.520	ppbv	
23) Vinyl Acetate	2.466	43	5005	0.402	ppbv #	91
24) 1,1-Dichloroethane	2.415	63	4864	0.501	ppbv	98
25) Ethyl Acetate	2.852	43	6530	0.312	ppbv #	90
26) Hexane	2.826	57	2650m	0.291	ppbv	
27) Carbon Disulfide	2.153	76	4817	0.453	ppbv #	1
28) Methyl tert-Butyl Ether	2.444	73	2710	0.495	ppbv	96
29) Chloroform	2.855	83	8716	0.511	ppbv	94
30) Cyclohexane	3.868	84	1898	0.249	ppbv #	80
31) cis-1,2-Dichloroethene	2.729	61	3481	0.328	ppbv #	75
32) 1,1,1-Trichloroethane	3.376	97	8270	0.447	ppbv	96
34) 2-Butanone	2.567	43	4830	0.361	ppbv #	87
35) Carbon Tetrachloride	3.774	117	7513	0.448	ppbv	98
36) Benzene	3.671	78	7107m	0.408	ppbv	
37) 1,2-Dichloroethane	3.227	62	6905	0.514	ppbv #	95
38) Trichloroethene	4.554	130	2732m	0.411	ppbv	
39) 1,2-Dichloropropane	4.321	63	3200m	0.490	ppbv	
40) 1,4-Dioxane	4.635	88	1023m	0.335	ppbv	
41) Tetrahydrofuran	3.075	42	1765m	0.278	ppbv	
42) Bromodichloromethane	4.499	83	7504	0.457	ppbv #	78
43) Methyl Methacrylate	4.904	69	2275m	0.350	ppbv	
44) 2,2,4-Trimethylpentane	4.648	57	9144m	0.323	ppbv	
45) t-1,3-Dichloropropene	6.422	75	2636m	0.309	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050725\
 Data File : VL042518.D
 Acq On : 07 May 2025 15:02
 Operator : SY/MD
 Sample : MDL1 0.40
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.40

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025

Quant Time: May 08 01:37:31 2025

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

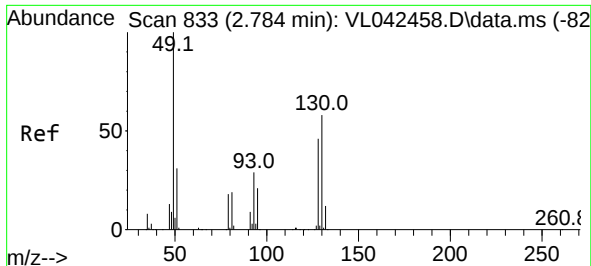
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

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	5.616	75	3304m	0.326	ppbv	
47) 1,1,2-Trichloroethane	6.596	97	3695m	0.516	ppbv	
48) Dibromochloromethane	7.399	129	5711m	0.472	ppbv	
49) Bromoform	9.496	173	4368	0.431	ppbv	98
50) 4-Methyl-2-Pentanone	5.794	43	5656m	0.335	ppbv	
51) 2-Hexanone	7.461	43	3941m	0.292	ppbv	
52) Tetrachloroethene	8.241	164	2479m	0.373	ppbv	
53) Toluene	6.946	91	4792m	0.260	ppbv	
54) 1,2-Dibromoethane	7.671	107	4358m	0.398	ppbv	
56) 1,1,1,2-Tetrachloroethane	8.937	131	4788m	0.530	ppbv	
57) Chlorobenzene	8.930	112	7114m	0.463	ppbv	
58) Ethyl Benzene	9.364	91	6659	0.260	ppbv #	79
59) m/p-Xylene	9.564	91	11195m	0.522	ppbv	
60) o-Xylene	9.976	91	5590	0.260	ppbv	97
61) Styrene	9.882	104	2040m	0.255	ppbv	
62) Isopropylbenzene	10.545	105	9300	0.300	ppbv	92
63) 1,1,2,2-Tetrachloroethane	9.979	83	7571	0.511	ppbv	100
64) n-propylbenzene	10.995	120	2115m	0.279	ppbv	
65) tert-Butylbenzene	11.542	119	7357m	0.266	ppbv	
66) Benzyl Chloride	11.623	91	1297m	0.406	ppbv	
67) sec-Butylbenzene	11.775	105	11376	0.290	ppbv	96
69) p-Isopropyltoluene	11.934	119	7995	0.242	ppbv	93
70) n-Butylbenzene	12.293	91	8669	0.253	ppbv	100
71) 2-Chlorotoluene	10.914	91	7314m	0.301	ppbv	
72) 4-Ethyltoluene	11.131	105	6483m	0.256	ppbv	
73) 1,3,5-Trimethylbenzene	11.212	105	5388	0.242	ppbv	88
74) 1,2,4-Trimethylbenzene	11.545	105	7099	0.264	ppbv #	95
75) 1,3-Dichlorobenzene	11.616	146	6150	0.410	ppbv	97
76) 1,4-Dichlorobenzene	11.678	146	5631	0.397	ppbv	91
77) 1,2-Dichlorobenzene	11.956	146	6097	0.415	ppbv	91
78) Hexachloro-1,3-Butadiene	13.892	225	7506	0.512	ppbv	99
79) Naphthalene	13.520	128	4276m	0.189	ppbv	
80) Naphthalene,2-methyl-	14.468	142	914	0.054	ppbv #	92
81) 1,2,4-Trichlorobenzene	13.452	180	2517	0.208	ppbv	92

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



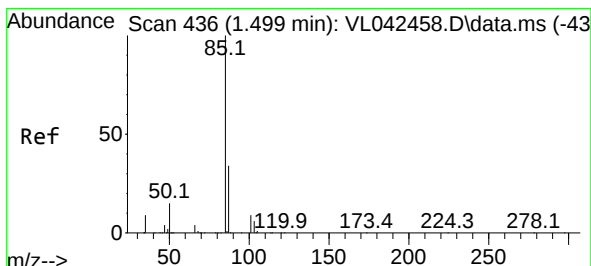
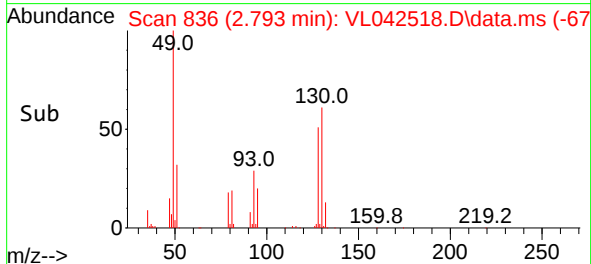
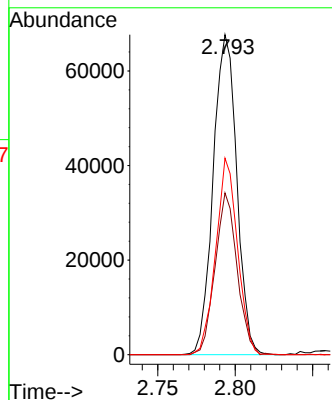
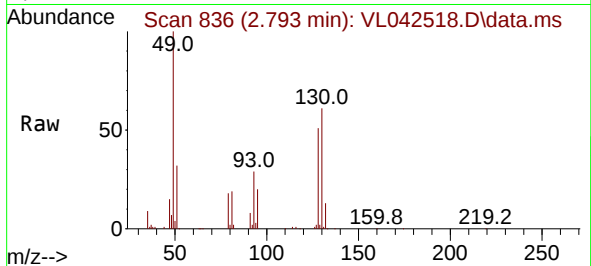
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 833
Delta R.T. 0.009 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

Tgt Ion: 49 Resp: 7153
Ion Ratio Lower Upper
49 100
128 47.3 23.3 69.9
130 56.8 29.5 88.6

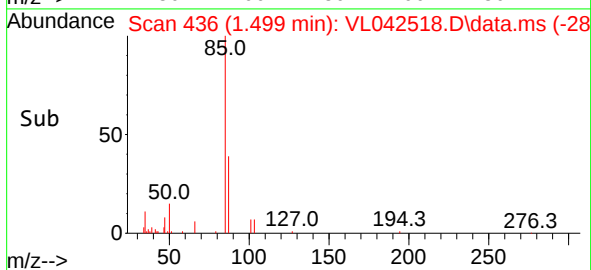
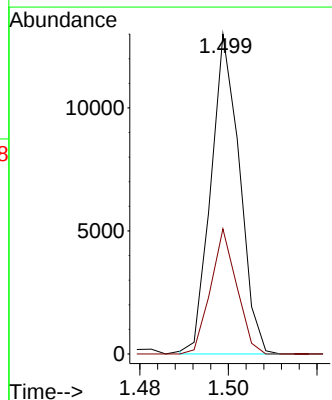
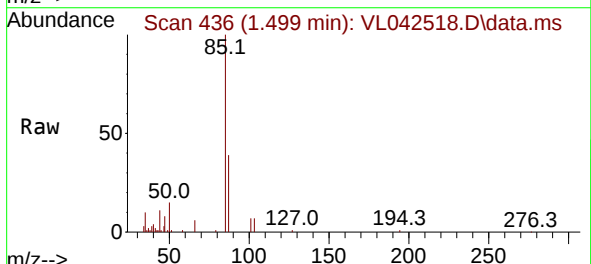
Manual Integrations
APPROVED

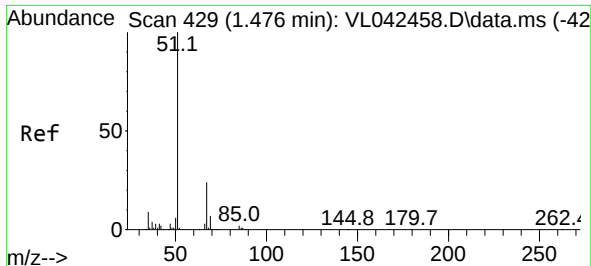
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#2
Dichlorodifluoromethane
Concen: 0.493 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

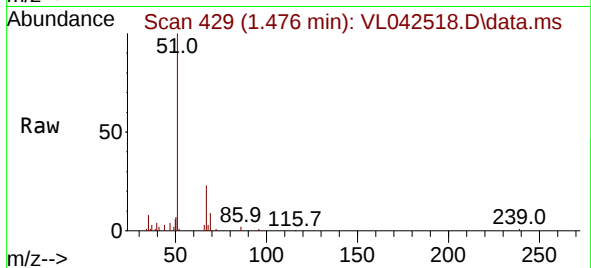
Tgt Ion: 85 Resp: 5830
Ion Ratio Lower Upper
85 100
87 39.1 26.9 40.3





#3
Chlorodifluoromethane
Concen: 0.493 ppbv
RT: 1.476 min Scan# 417
Delta R.T. 0.000 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

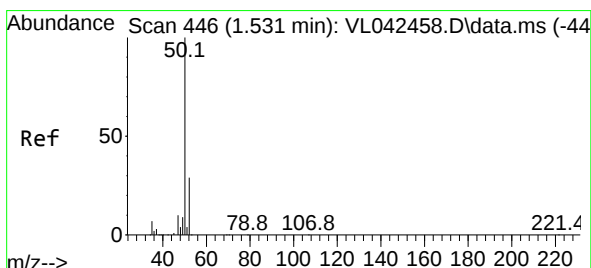
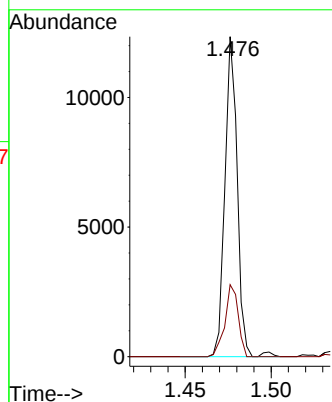
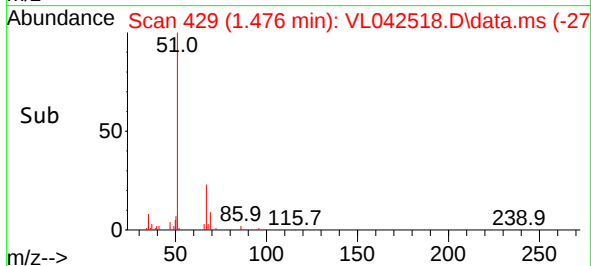
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40



Tgt Ion: 51 Resp: 6172
Ion Ratio Lower Upper
51 100
67 24.2 18.4 27.6

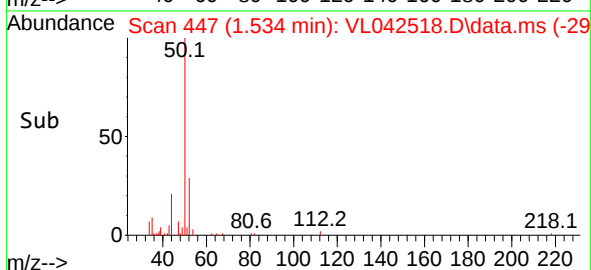
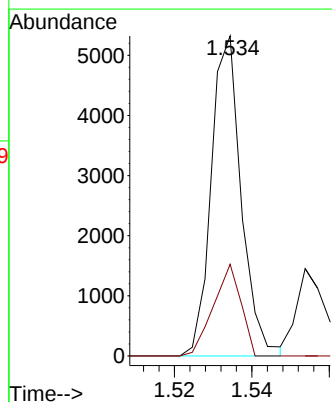
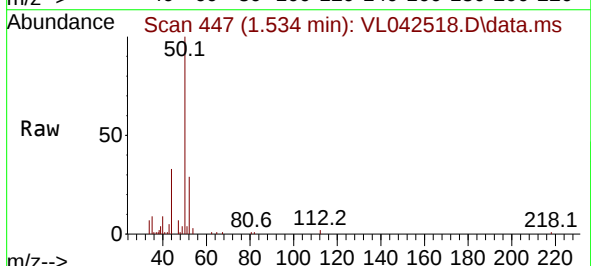
Manual Integrations
APPROVED

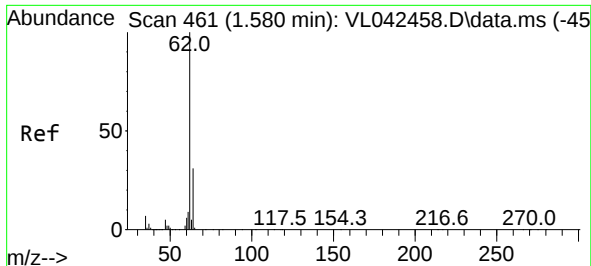
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#4
Chloromethane
Concen: 0.579 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

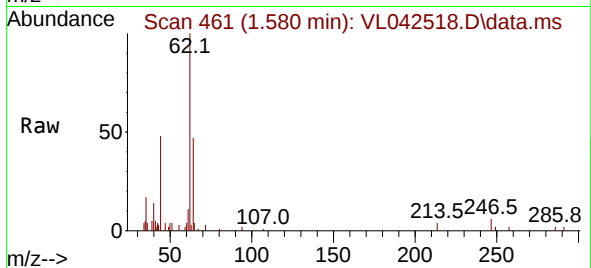
Tgt Ion: 50 Resp: 2867
Ion Ratio Lower Upper
50 100
52 28.7 23.5 35.3





#5
 Vinyl Chloride
 Concen: 0.434 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.000 min
 Lab File: VL042518.D
 Acq: 07 May 2025 15:02

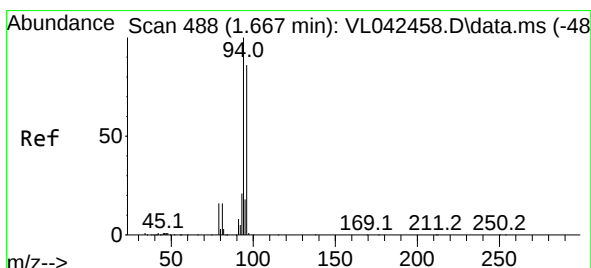
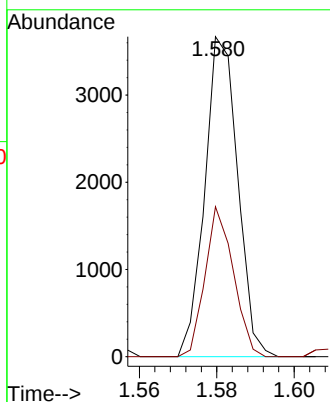
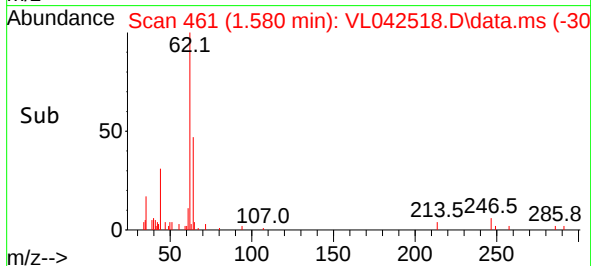
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.40



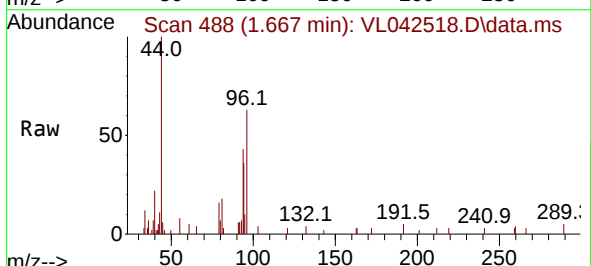
Tgt Ion: 62 Resp: 2164
 Ion Ratio Lower Upper
 62 100
 64 50.1 24.9 37.3

Manual Integrations
 APPROVED

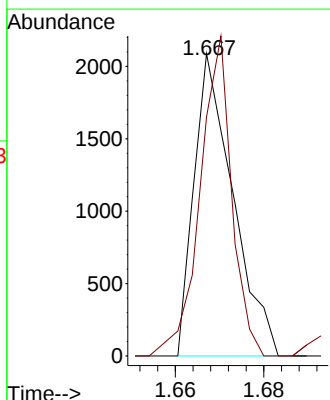
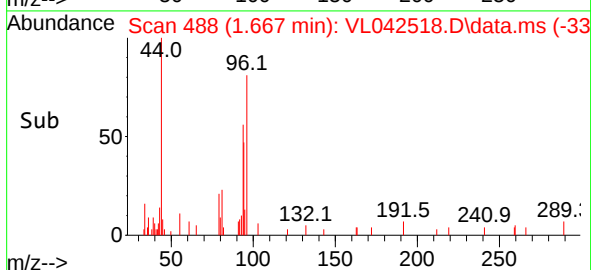
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#6
 Bromomethane
 Concen: 0.541 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VL042518.D
 Acq: 07 May 2025 15:02



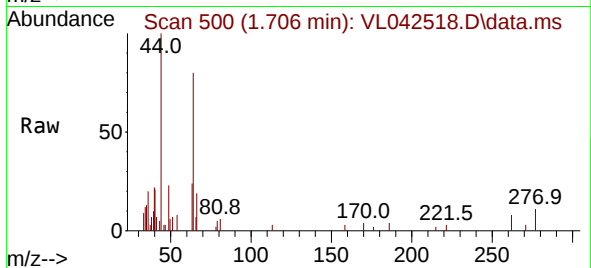
Tgt Ion: 94 Resp: 1274
 Ion Ratio Lower Upper
 94 100
 96 79.0 68.8 103.2





#7
Chloroethane
Concen: 0.546 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

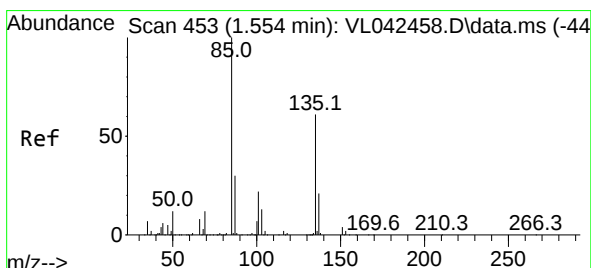
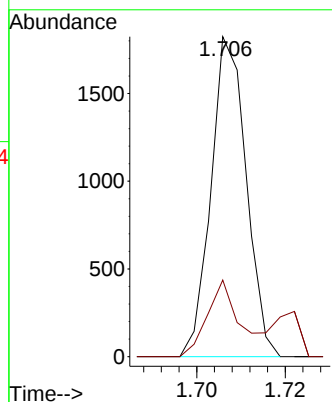
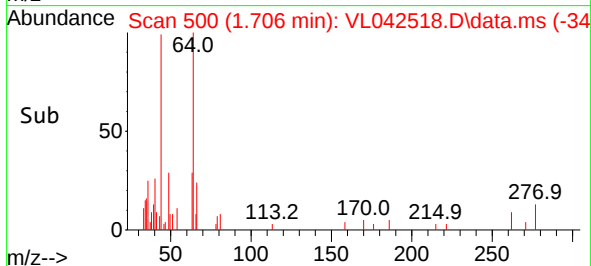
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40



Tgt Ion: 64 Resp: 100
Ion Ratio Lower Upper
64 100
66 24.0 25.0 37.4

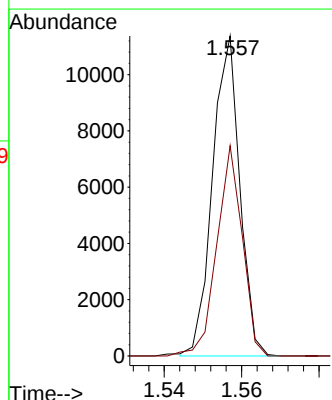
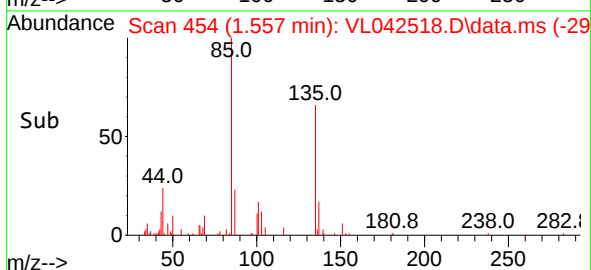
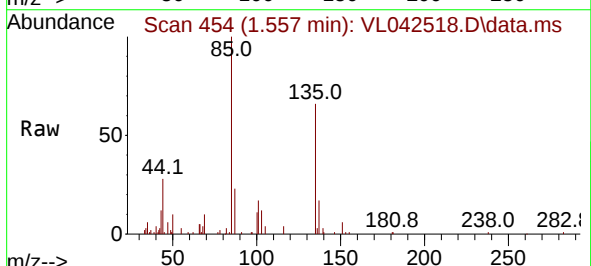
Manual Integrations
APPROVED

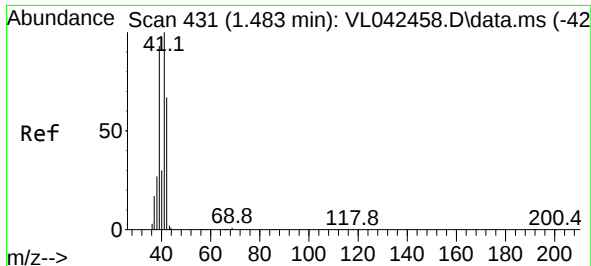
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#8
Dichlorotetrafluoroethane
Concen: 0.569 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

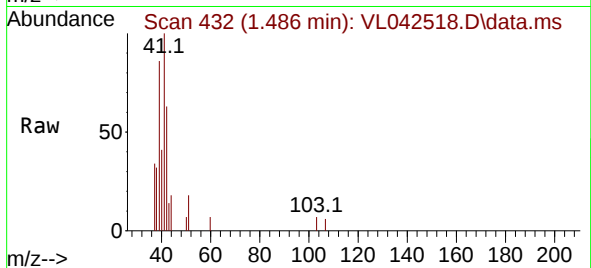
Tgt Ion: 85 Resp: 5551
Ion Ratio Lower Upper
85 100
135 61.4 49.8 74.8





#9
Propene
Concen: 0.315 ppbv m
RT: 1.486 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

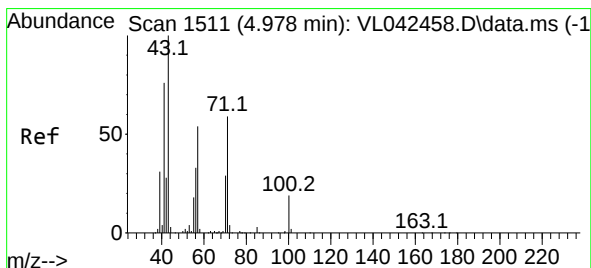
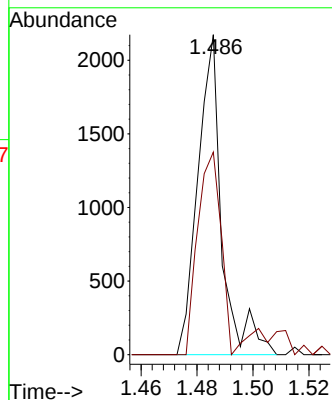
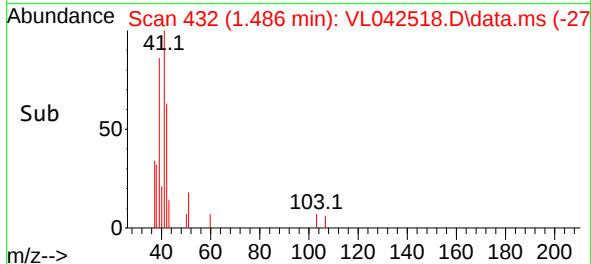
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40



Tgt Ion: 41 Resp: 1290
Ion Ratio Lower Upper
41 100
42 25.7 54.3 81.5

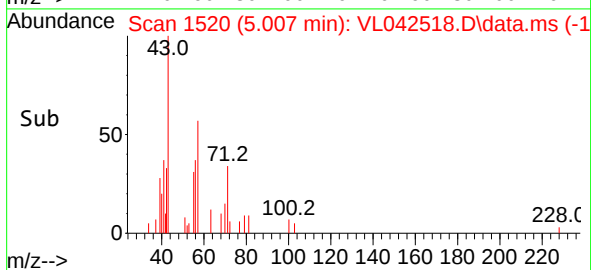
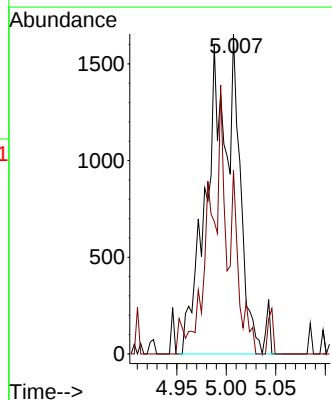
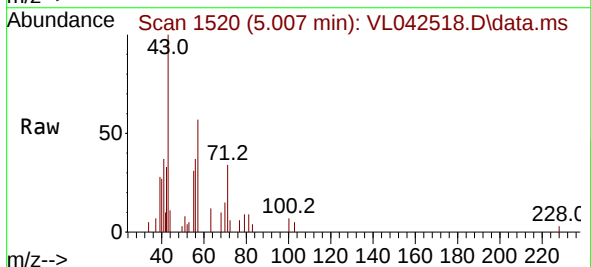
Manual Integrations
APPROVED

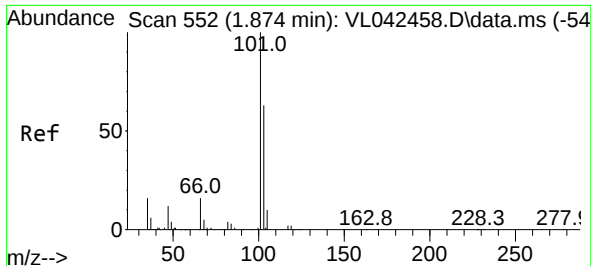
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#10
Heptane
Concen: 0.322 ppbv m
RT: 5.007 min Scan# 1520
Delta R.T. 0.029 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

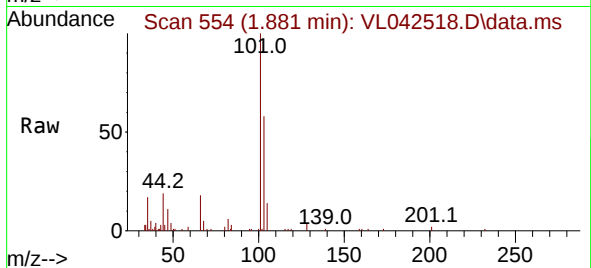
Tgt Ion: 43 Resp: 3422
Ion Ratio Lower Upper
43 100
57 57.8 41.8 62.8





#11
Trichlorofluoromethane
Concen: 0.542 ppbv
RT: 1.881 min Scan# 519
Delta R.T. 0.007 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

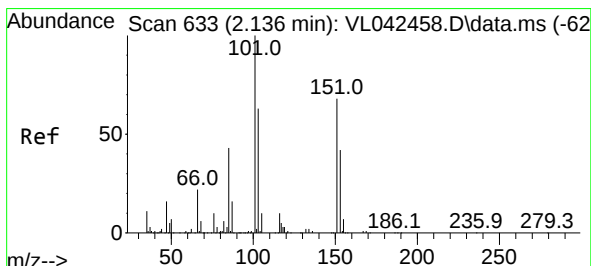
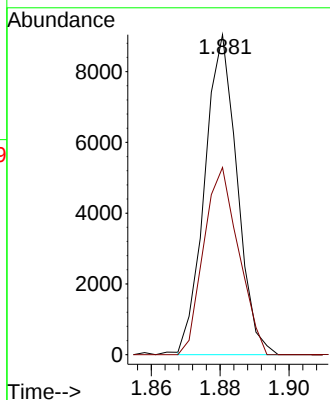
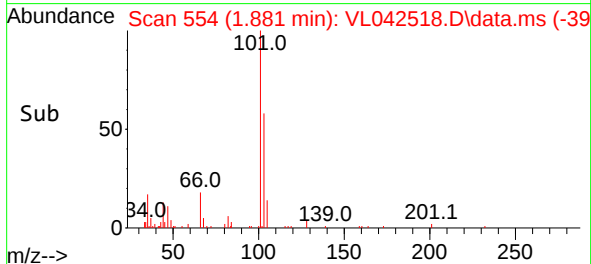
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40



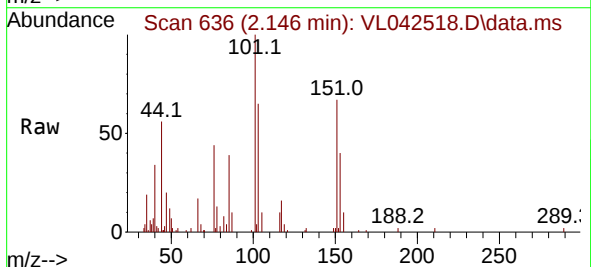
Tgt Ion:101 Resp: 5919
Ion Ratio Lower Upper
101 100
103 58.5 50.6 76.0

Manual Integrations
APPROVED

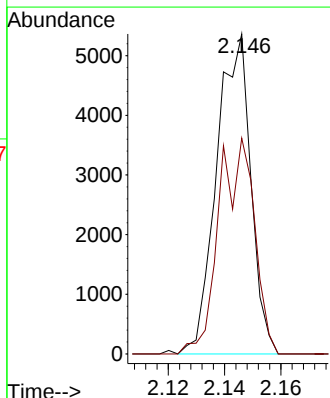
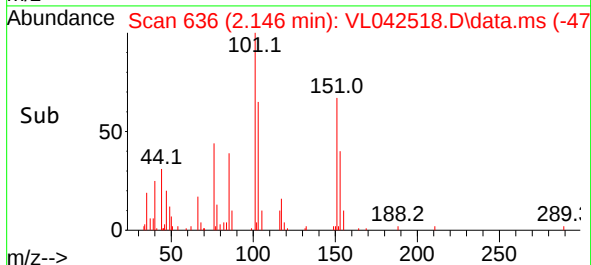
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

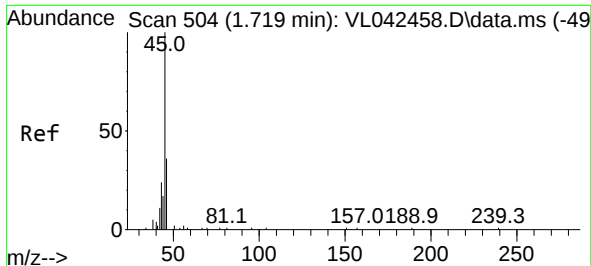


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.517 ppbv
RT: 2.146 min Scan# 636
Delta R.T. 0.010 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02



Tgt Ion:101 Resp: 4505
Ion Ratio Lower Upper
101 100
151 70.3 54.6 82.0





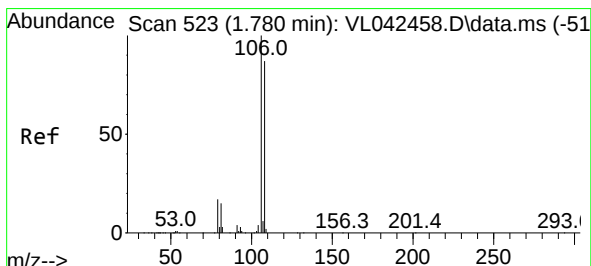
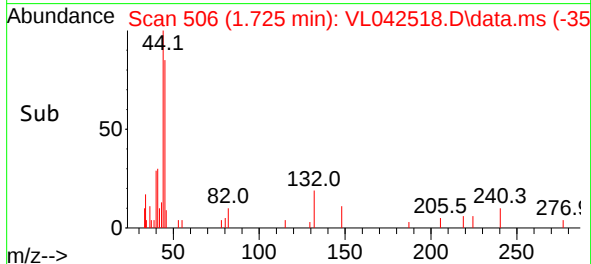
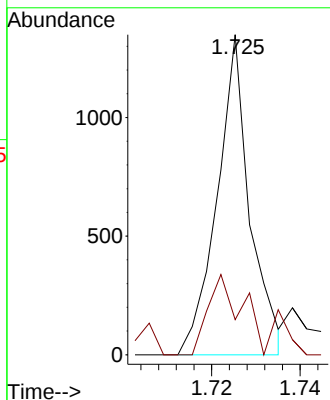
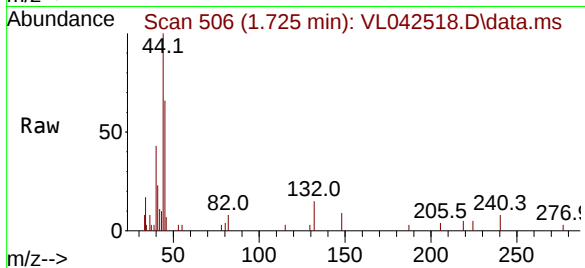
#13
Ethanol
Concen: 0.831 ppbv
RT: 1.725 min Scan# 504
Delta R.T. 0.007 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

Tgt Ion: 45 Resp: 690
Ion Ratio Lower Upper
45 100
46 38.7 15.3 61.1

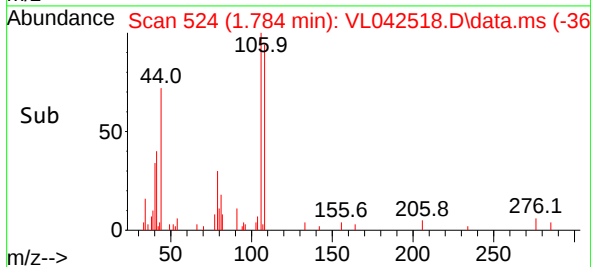
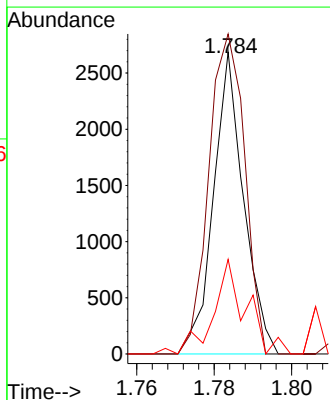
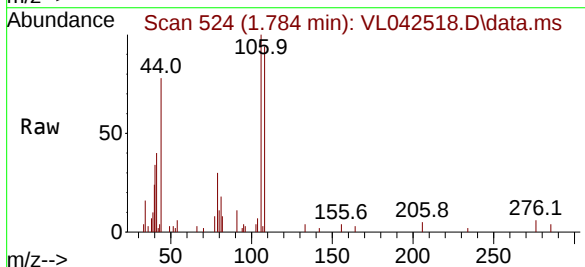
Manual Integrations
APPROVED

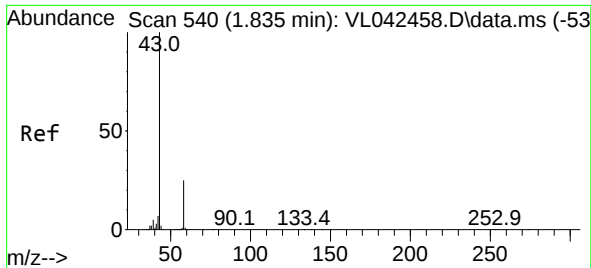
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#14
Bromoethene
Concen: 0.452 ppbv
RT: 1.784 min Scan# 524
Delta R.T. 0.003 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

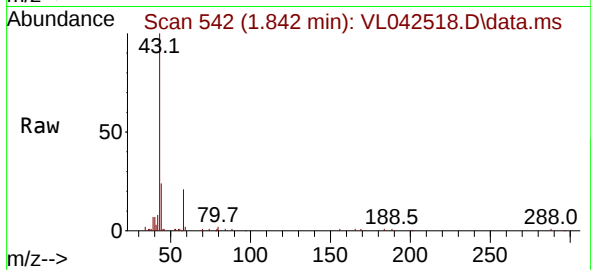
Tgt Ion:108 Resp: 1457
Ion Ratio Lower Upper
108 100
106 131.2 88.8 133.2
79 39.5 17.1 25.7#





#15
Acetone
Concen: 0.625 ppbv
RT: 1.842 min Scan# 540
Delta R.T. 0.007 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

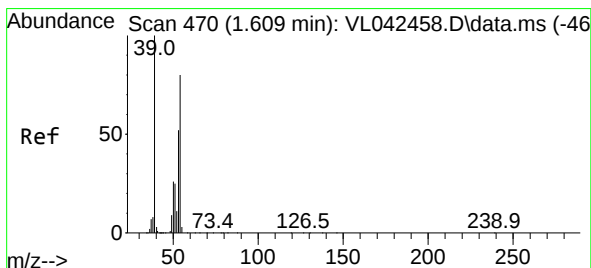
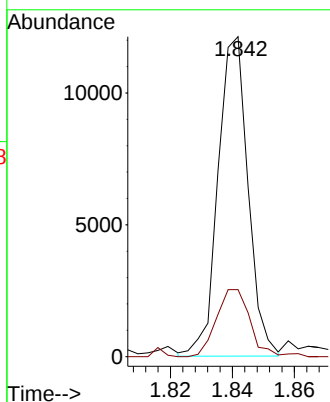
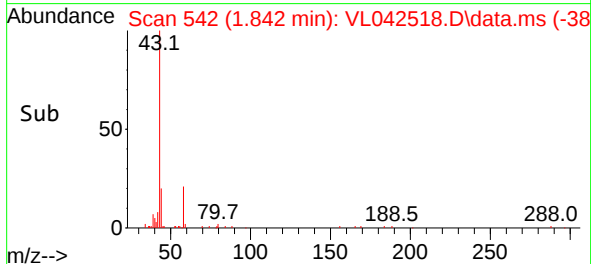
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40



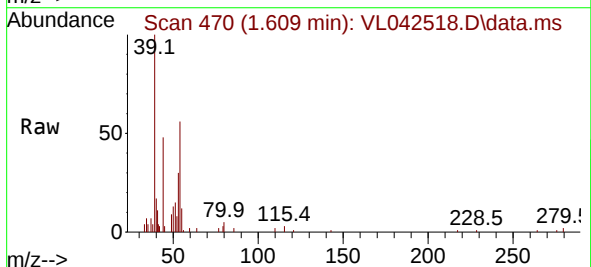
Tgt Ion: 43 Resp: 8158
Ion Ratio Lower Upper
43 100
58 24.9 19.8 29.8

Manual Integrations
APPROVED

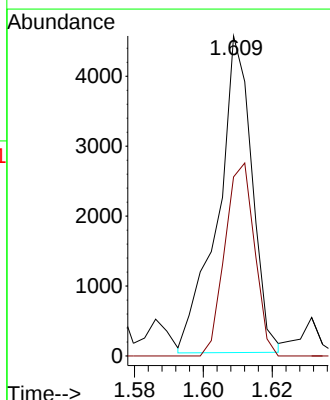
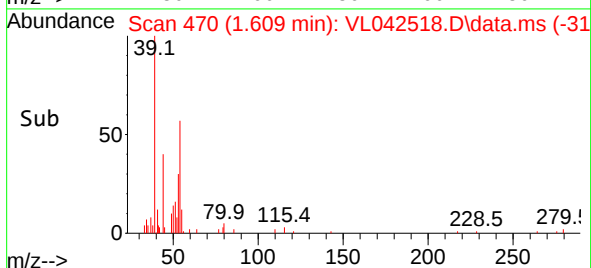
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

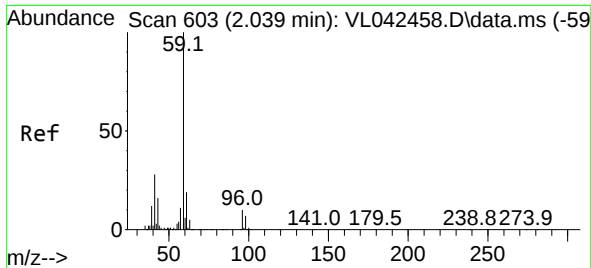


#16
1,3-Butadiene
Concen: 0.542 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.000 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02



Tgt Ion: 39 Resp: 3123
Ion Ratio Lower Upper
39 100
54 52.9 55.2 82.8#





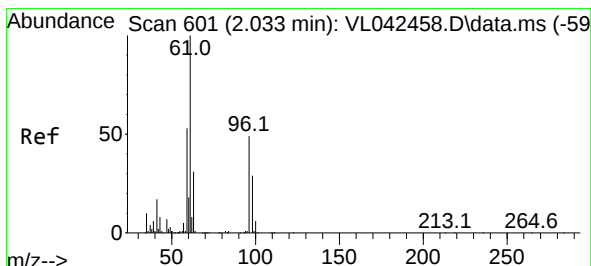
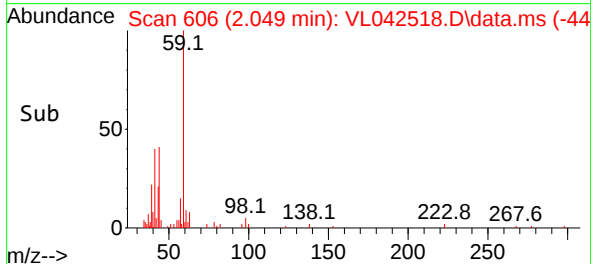
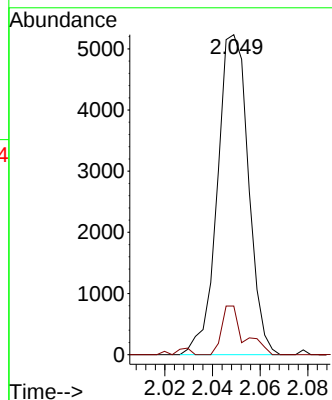
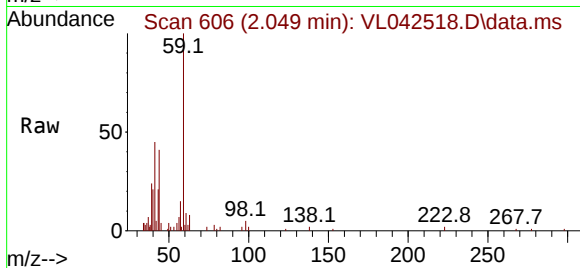
#17
tert-Butyl alcohol
Concen: 0.411 ppbv
RT: 2.049 min Scan# 606
Delta R.T. 0.010 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

Tgt Ion: 59 Resp: 4728
Ion Ratio Lower Upper
59 100
57 11.8 8.3 12.5

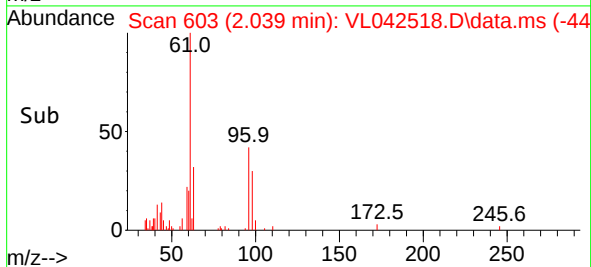
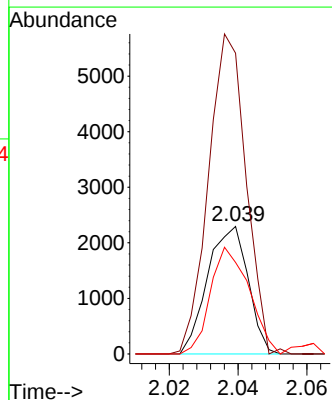
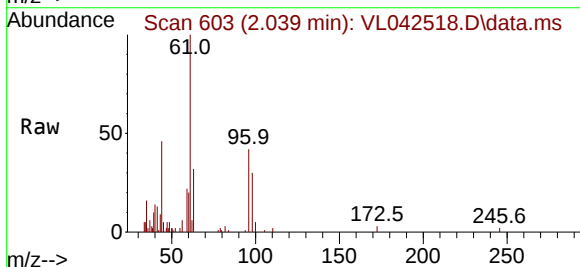
Manual Integrations
APPROVED

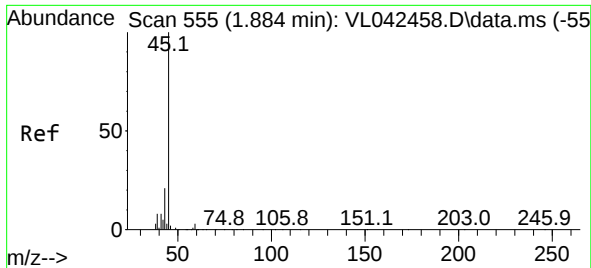
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#18
1,1-Dichloroethene
Concen: 0.460 ppbv
RT: 2.039 min Scan# 603
Delta R.T. 0.007 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

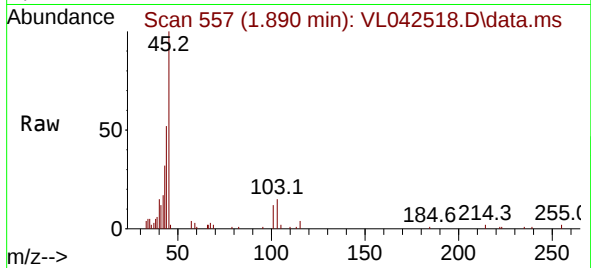
Tgt Ion: 96 Resp: 1875
Ion Ratio Lower Upper
96 100
61 233.4 164.9 247.3
98 71.7 48.2 72.2





#19
Isopropyl Alcohol
Concen: 0.489 ppbv
RT: 1.890 min Scan# 511
Delta R.T. 0.007 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

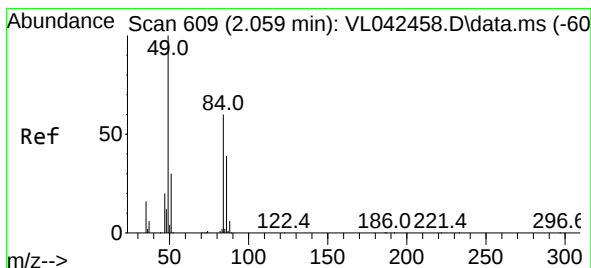
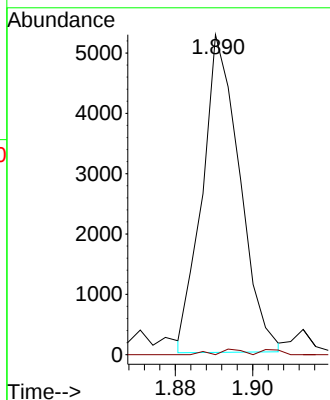
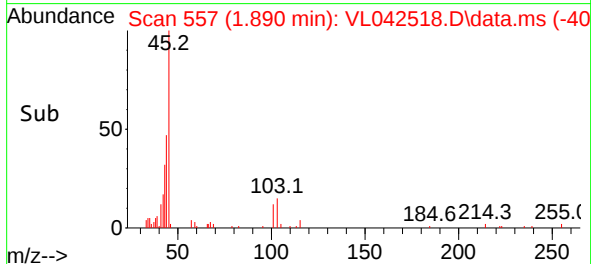
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40



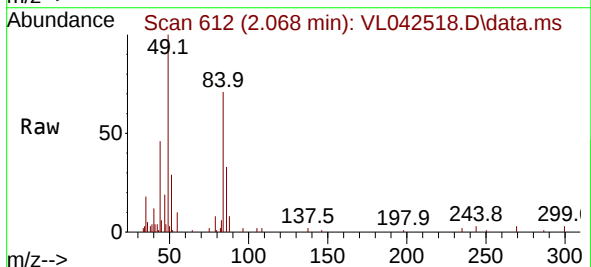
Tgt Ion: 45 Resp: 353
Ion Ratio Lower Upper
45 100
58 2.1 1.6 2.4

Manual Integrations
APPROVED

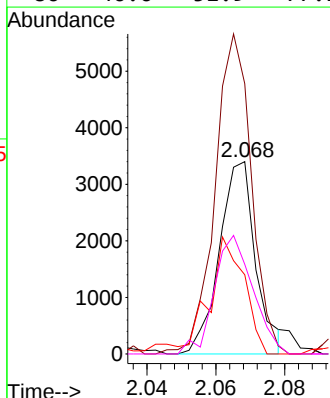
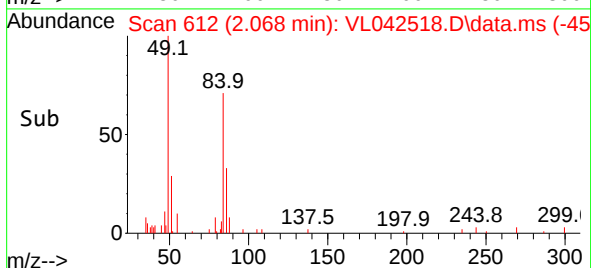
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

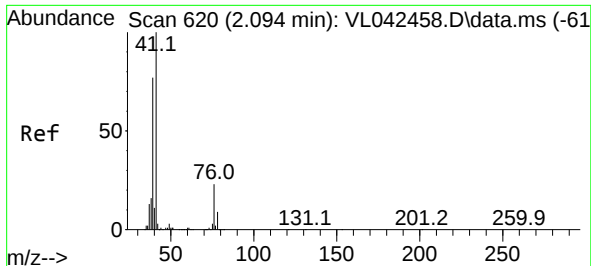


#20
Methylene Chloride
Concen: 0.633 ppbv
RT: 2.068 min Scan# 612
Delta R.T. 0.010 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02



Tgt Ion: 84 Resp: 2484
Ion Ratio Lower Upper
84 100
49 138.3 133.9 200.9
51 41.2 41.0 61.6
86 46.6 51.9 77.9#





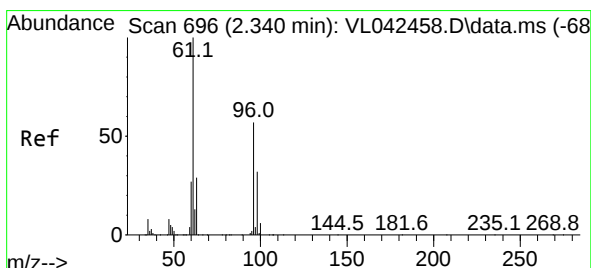
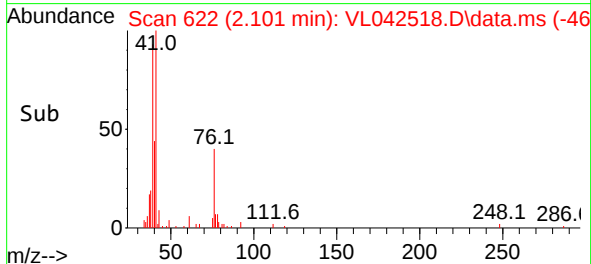
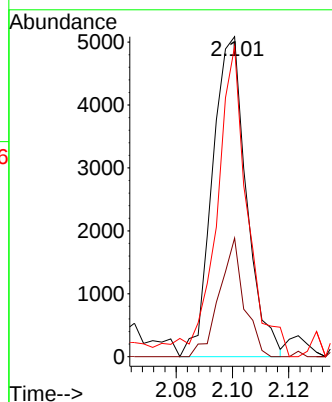
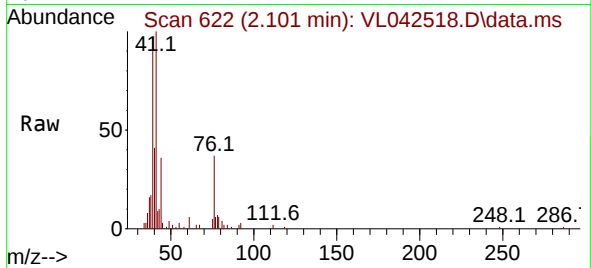
#21
 Allyl Chloride
 Concen: 0.509 ppbv
 RT: 2.101 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: VL042518.D
 Acq: 07 May 2025 15:02

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.40

Tgt Ion: 41 Resp: 427
 Ion Ratio Lower Upper
 41 100
 76 27.4 19.6 29.4
 39 90.4 61.0 91.4

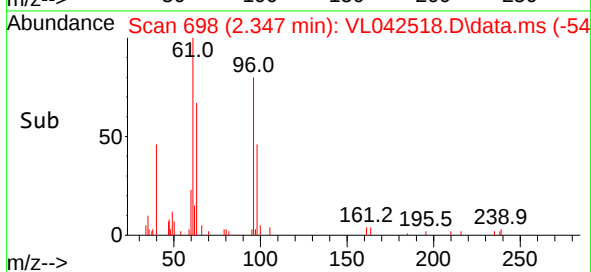
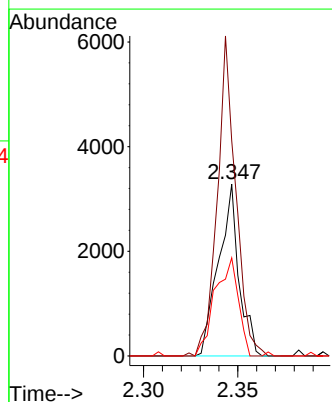
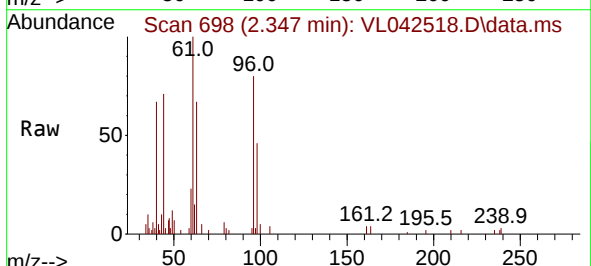
Manual Integrations
 APPROVED

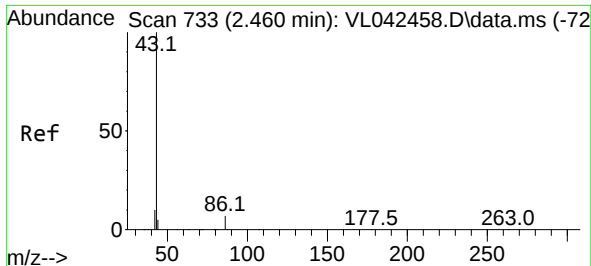
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#22
 trans-1,2-Dichloroethene
 Concen: 0.520 ppbv m
 RT: 2.347 min Scan# 698
 Delta R.T. 0.007 min
 Lab File: VL042518.D
 Acq: 07 May 2025 15:02

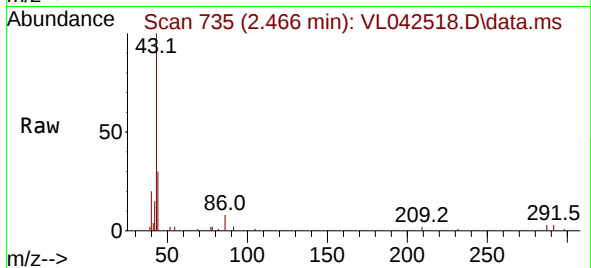
Tgt Ion: 96 Resp: 2473
 Ion Ratio Lower Upper
 96 100
 61 125.3 141.8 212.6#
 98 57.1 45.0 67.6





#23
 Vinyl Acetate
 Concen: 0.402 ppbv
 RT: 2.466 min Scan# 719
 Delta R.T. 0.007 min
 Lab File: VL042518.D
 Acq: 07 May 2025 15:02

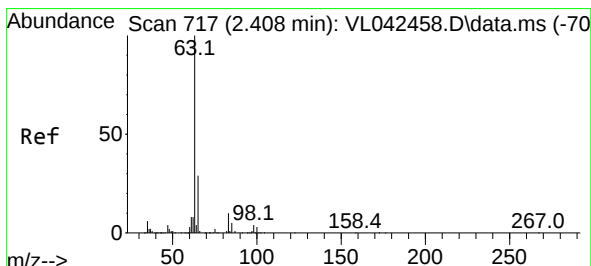
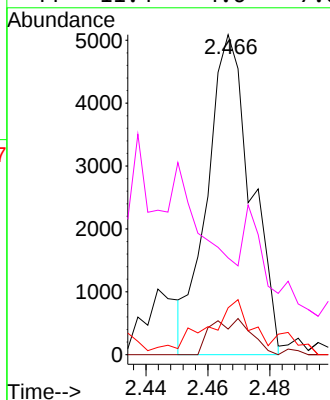
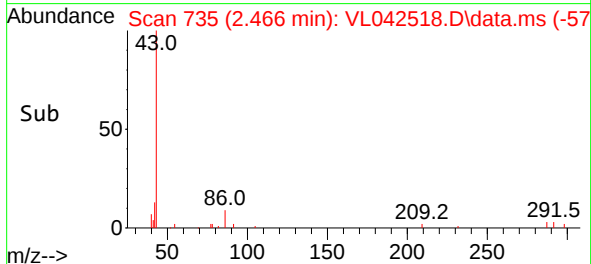
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.40



Tgt Ion	Ratio	Lower	Upper
43	100		
86	8.2	5.5	8.3
42	13.1	8.3	12.5
44	11.4	4.6	7.0

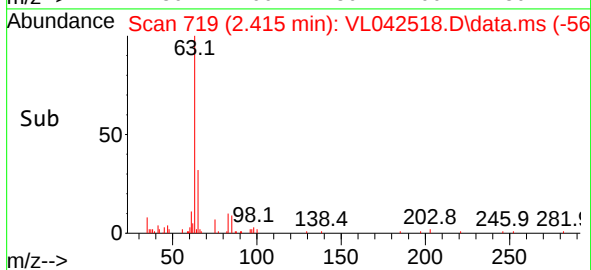
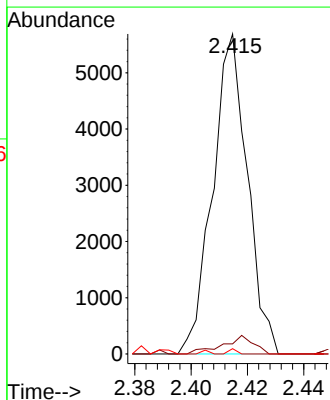
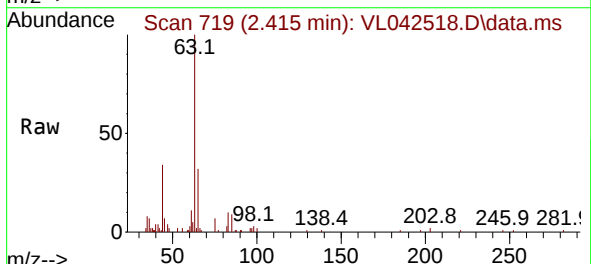
Manual Integrations
 APPROVED

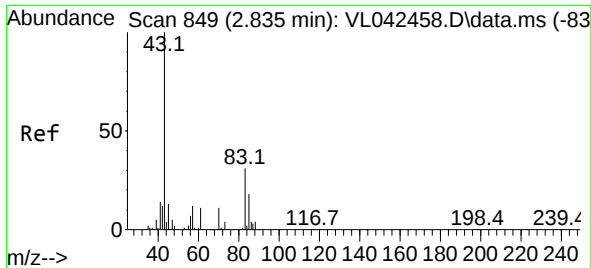
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#24
 1,1-Dichloroethane
 Concen: 0.501 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. 0.007 min
 Lab File: VL042518.D
 Acq: 07 May 2025 15:02

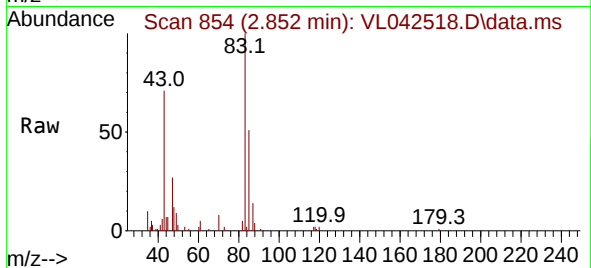
Tgt Ion	Ratio	Lower	Upper
63	100		
98	3.1	1.8	5.5
100	1.6	1.4	4.2





#25
Ethyl Acetate
Concen: 0.312 ppbv
RT: 2.852 min Scan# 849
Delta R.T. 0.016 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

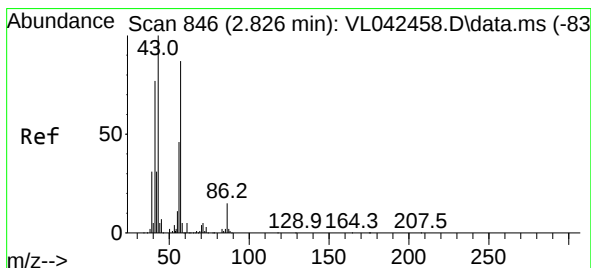
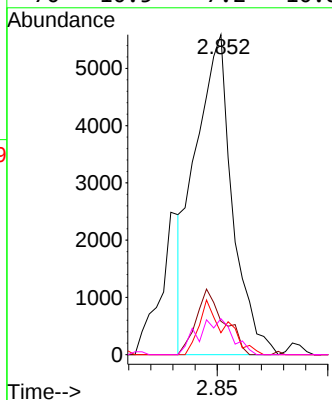
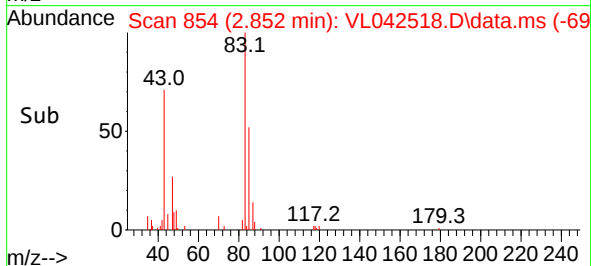


Tgt Ion: 43 Resp: 6530

Ion	Ratio	Lower	Upper
43	100		
45	15.6	7.8	11.6
61	12.4	7.2	10.8
70	10.5	7.2	10.8

Manual Integrations
APPROVED

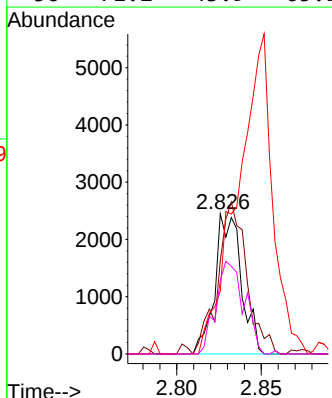
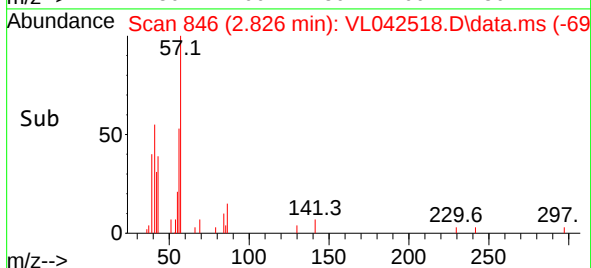
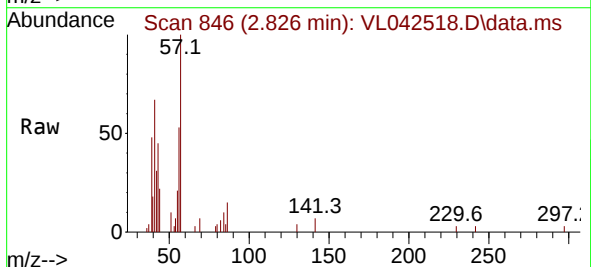
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

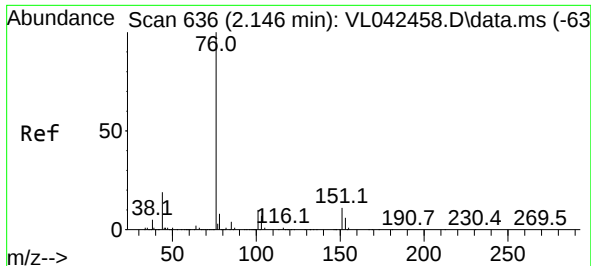


#26
Hexane
Concen: 0.291 ppbv m
RT: 2.826 min Scan# 846
Delta R.T. 0.000 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

Tgt Ion: 57 Resp: 2650

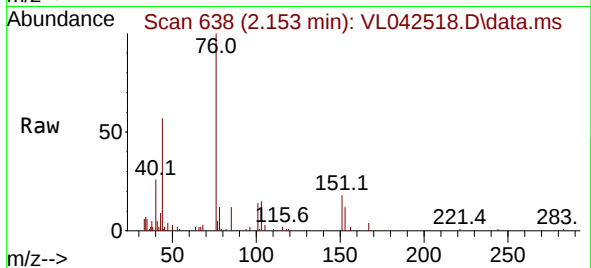
Ion	Ratio	Lower	Upper
57	100		
41	121.8	77.8	116.8#
43	0.0	187.0	280.6#
56	71.2	43.9	65.9#





#27
Carbon Disulfide
Concen: 0.453 ppbv
RT: 2.153 min Scan# 611
Delta R.T. 0.007 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

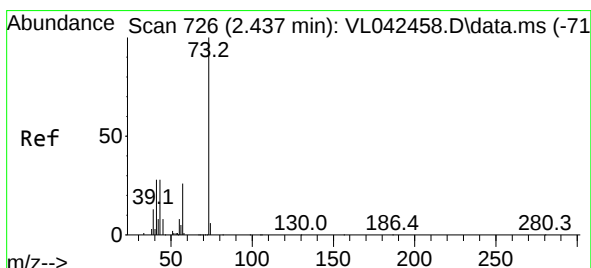
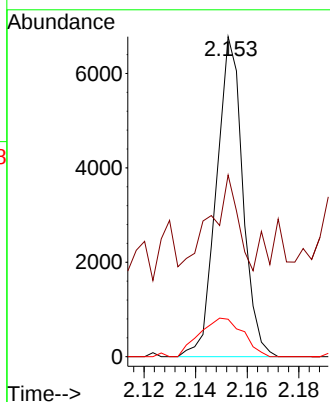
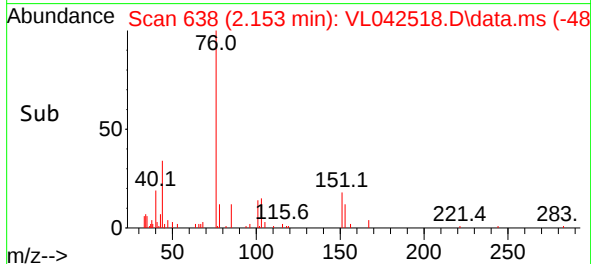
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40



Tgt Ion: 76 Resp: 481
Ion Ratio Lower Upper
76 100
44 190.6 21.0 31.6
78 20.2 8.6 13.0

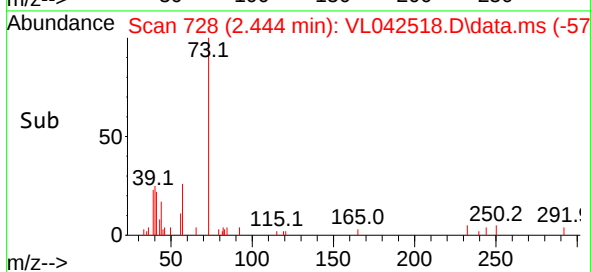
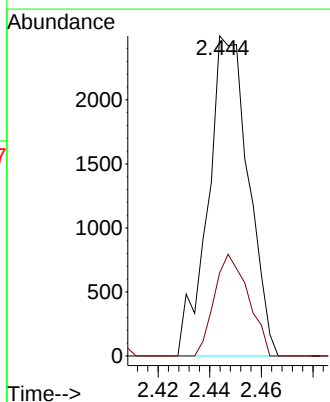
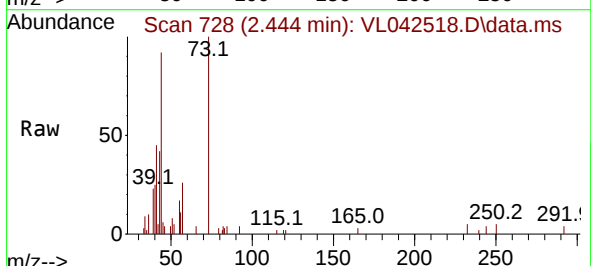
Manual Integrations
APPROVED

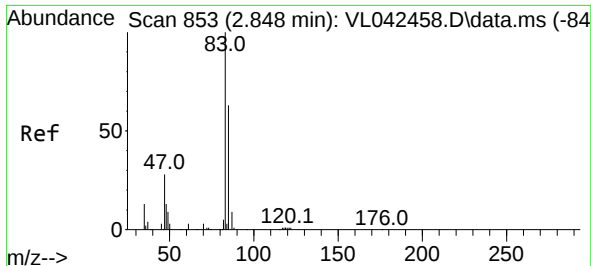
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#28
Methyl tert-Butyl Ether
Concen: 0.495 ppbv
RT: 2.444 min Scan# 728
Delta R.T. 0.007 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

Tgt Ion: 73 Resp: 2710
Ion Ratio Lower Upper
73 100
57 26.9 19.9 29.9





#29

Chloroform

Concen: 0.511 ppbv

RT: 2.855 min Scan# 853

Delta R.T. 0.007 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.40

Tgt Ion: 83 Resp: 8710

Ion Ratio Lower Upper

83 100

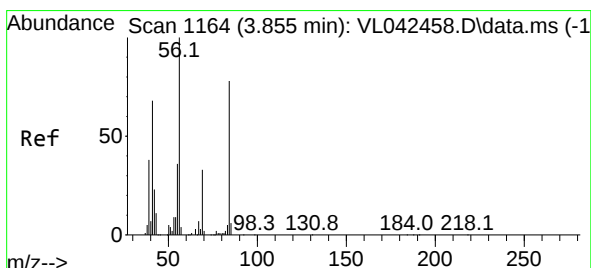
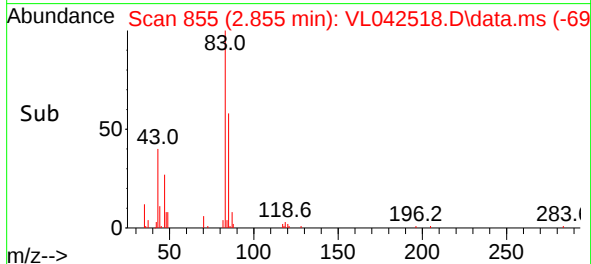
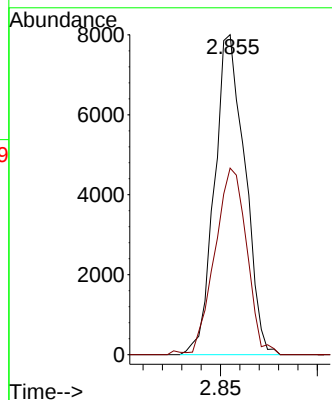
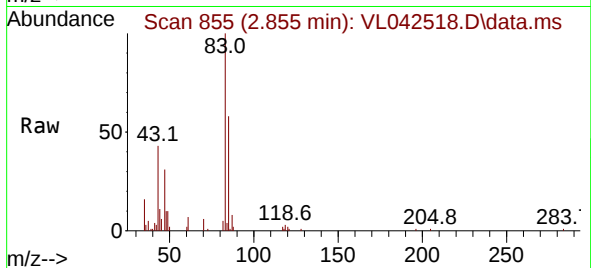
85 58.3 50.4 75.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025

Supervised By :Mahesh Dadoda 05/09/2025



#30

Cyclohexane

Concen: 0.249 ppbv

RT: 3.868 min Scan# 1168

Delta R.T. 0.013 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

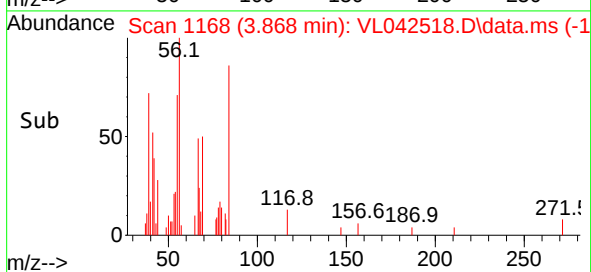
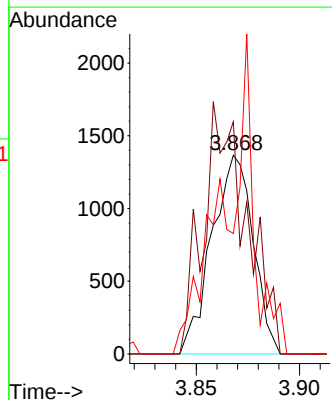
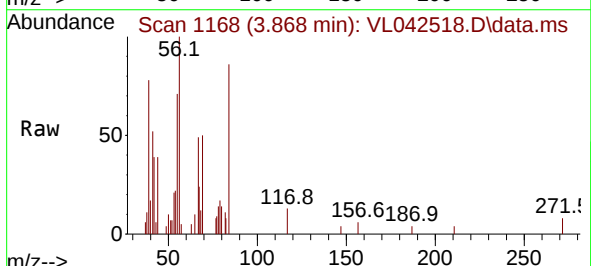
Tgt Ion: 84 Resp: 1898

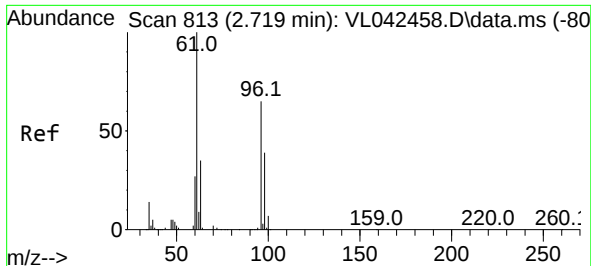
Ion Ratio Lower Upper

84 100

56 131.2 98.1 147.1

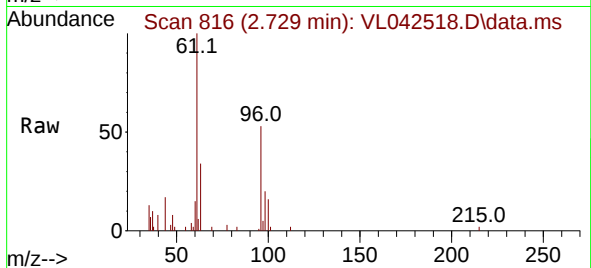
41 116.8 65.8 98.8#





#31
 cis-1,2-Dichloroethene
 Concen: 0.328 ppbv
 RT: 2.729 min Scan# 813
 Delta R.T. 0.010 min
 Lab File: VL042518.D
 Acq: 07 May 2025 15:02

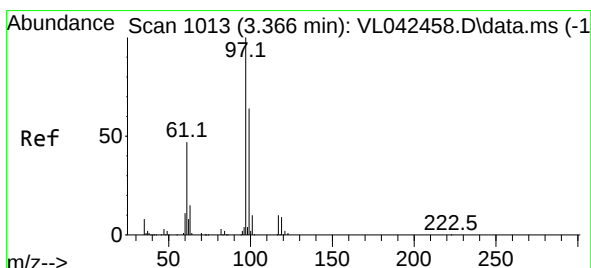
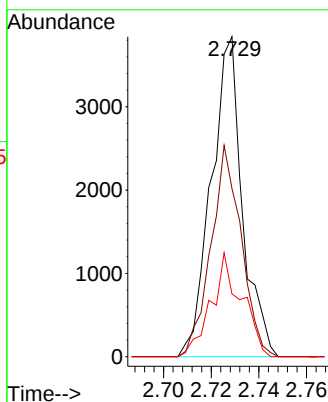
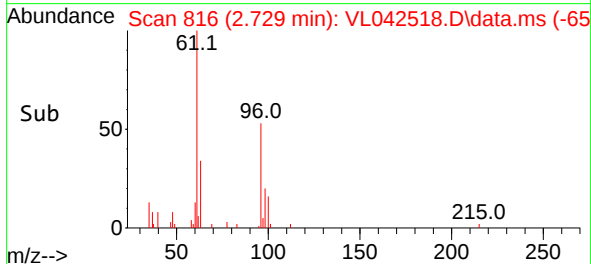
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.40



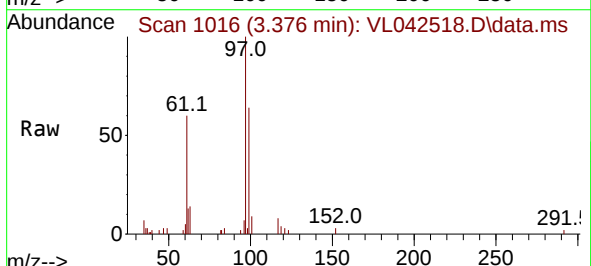
Tgt Ion: 61 Resp: 348
 Ion Ratio Lower Upper
 61 100
 96 49.6 52.0 78.0
 98 18.5 31.0 46.6

Manual Integrations
 APPROVED

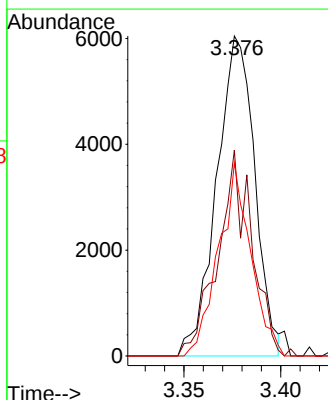
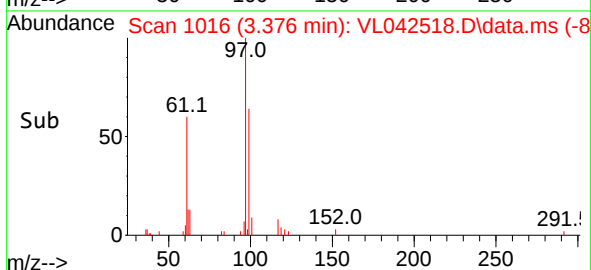
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025

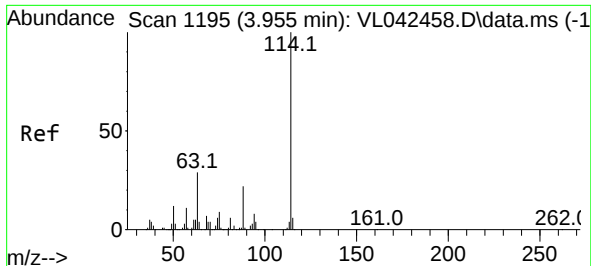


#32
 1,1,1-Trichloroethane
 Concen: 0.447 ppbv
 RT: 3.376 min Scan# 1016
 Delta R.T. 0.010 min
 Lab File: VL042518.D
 Acq: 07 May 2025 15:02



Tgt Ion: 97 Resp: 8270
 Ion Ratio Lower Upper
 97 100
 99 57.6 50.7 76.1
 61 51.0 40.9 61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.972 min Scan# 1195

Delta R.T. 0.016 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

Instrument :

MSVOA_L

ClientSampleId :

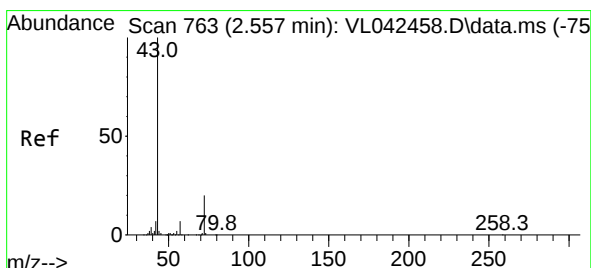
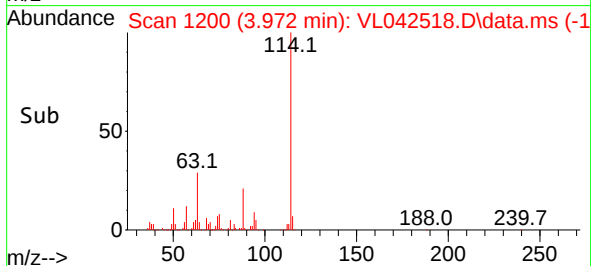
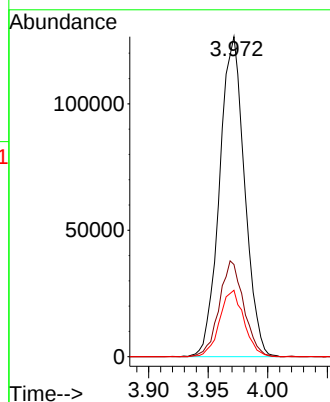
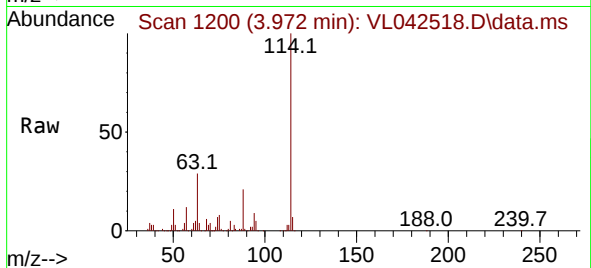
MDL1 0.40

Tgt Ion:114	Resp:	184794
Ion Ratio	Lower	Upper
114	100	
63	29.5	23.1 34.7
88	20.2	16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#34

2-Butanone

Concen: 0.361 ppbv

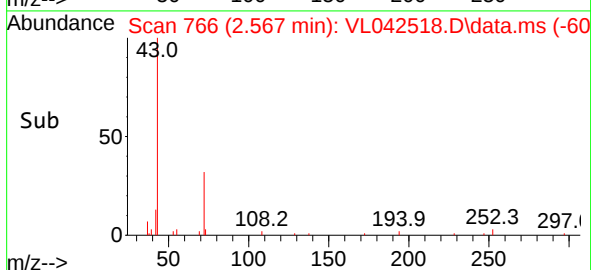
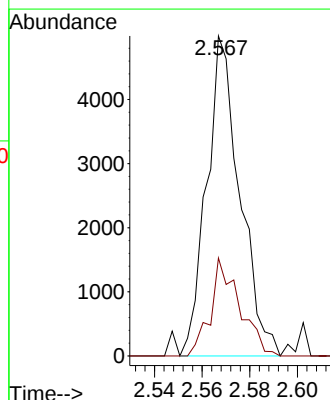
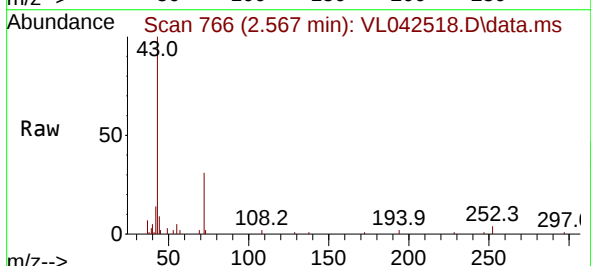
RT: 2.567 min Scan# 766

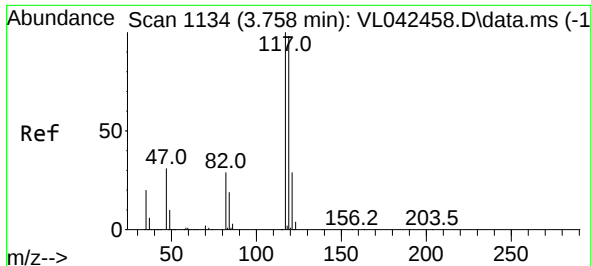
Delta R.T. 0.010 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

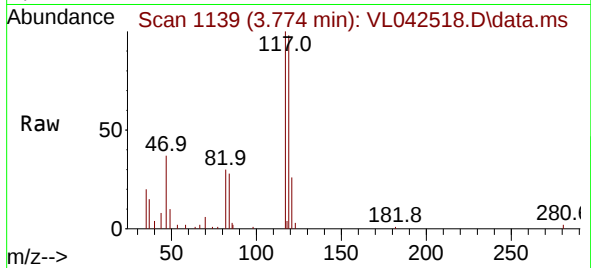
Tgt Ion: 43	Resp:	4830
Ion Ratio	Lower	Upper
43	100	
72	26.9	16.7 25.1#





#35
Carbon Tetrachloride
Concen: 0.448 ppbv
RT: 3.774 min Scan# 1139
Delta R.T. 0.016 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

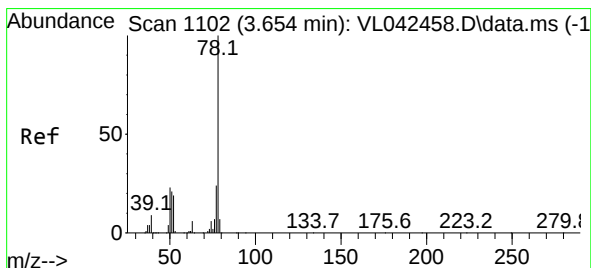
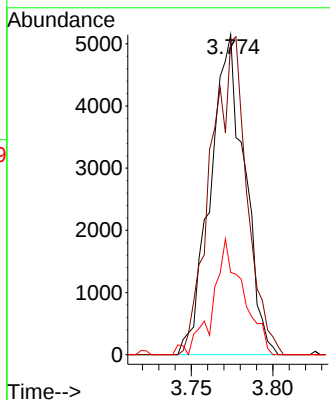
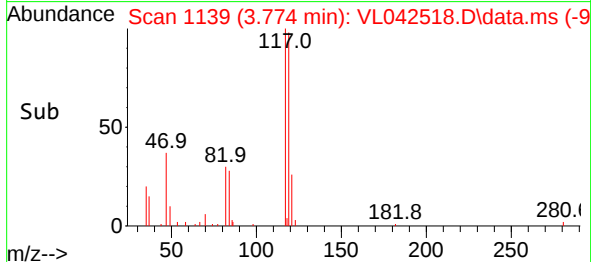
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40



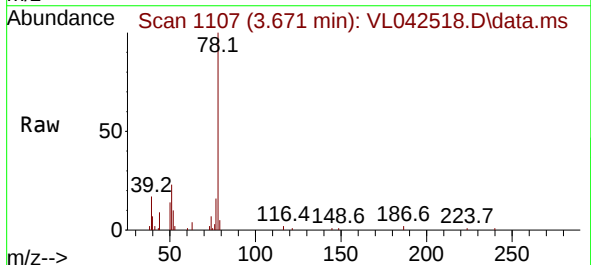
Tgt Ion: 117 Resp: 751
Ion Ratio Lower Upper
117 100
119 97.8 78.1 117.1
121 25.7 23.0 34.6

Manual Integrations
APPROVED

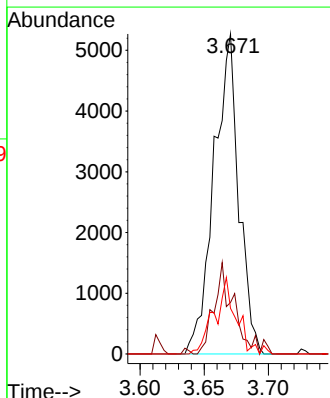
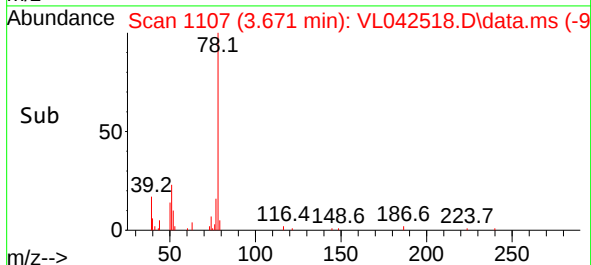
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

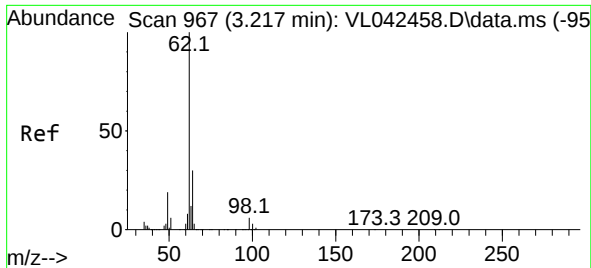


#36
Benzene
Concen: 0.408 ppbv m
RT: 3.671 min Scan# 1107
Delta R.T. 0.016 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02



Tgt Ion: 78 Resp: 7107
Ion Ratio Lower Upper
78 100
77 16.1 18.9 28.3#
50 14.3 18.4 27.6#





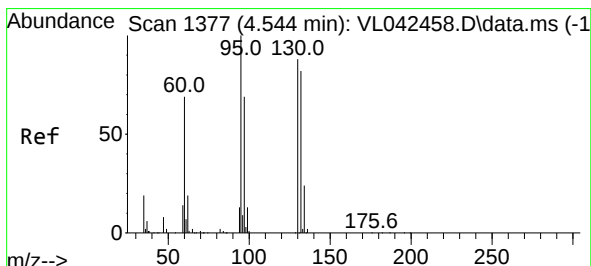
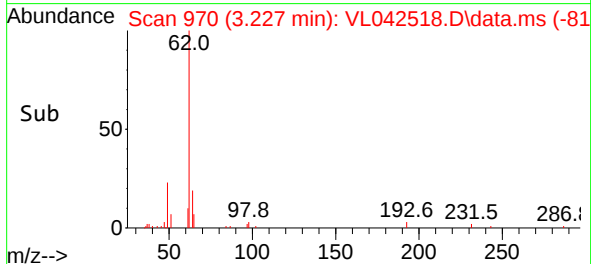
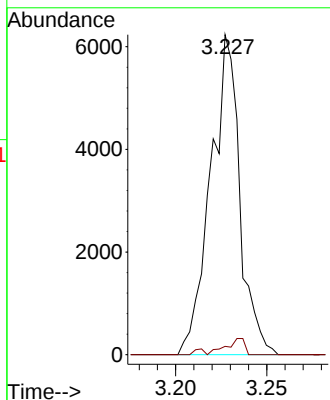
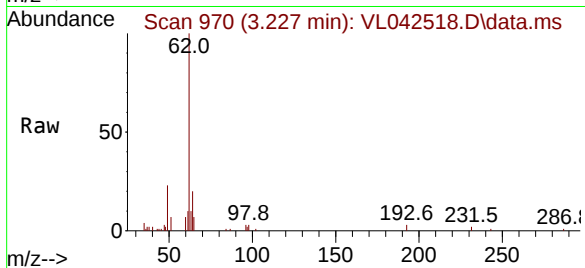
#37
1,2-Dichloroethane
Concen: 0.514 ppbv
RT: 3.227 min Scan# 91
Delta R.T. 0.010 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

Tgt Ion: 62 Resp: 690
Ion Ratio Lower Upper
62 100
98 3.8 4.3 6.5

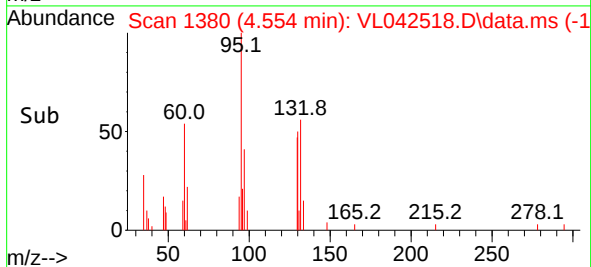
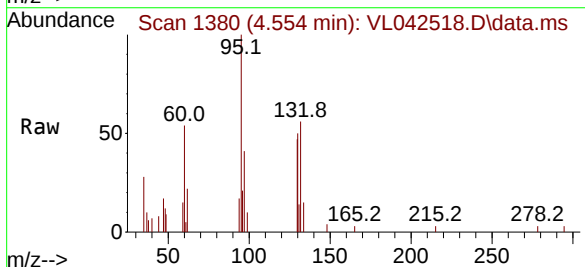
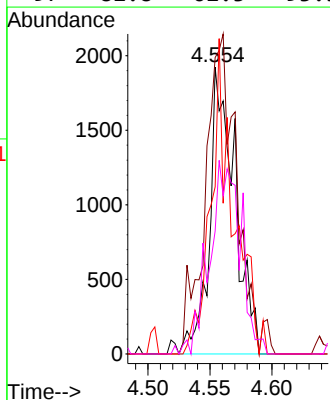
Manual Integrations
APPROVED

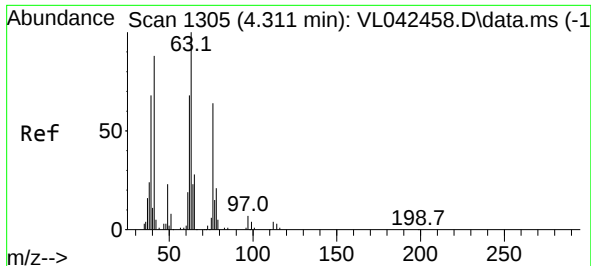
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#38
Trichloroethene
Concen: 0.411 ppbv m
RT: 4.554 min Scan# 1380
Delta R.T. 0.010 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

Tgt Ion:130 Resp: 2732
Ion Ratio Lower Upper
130 100
95 199.6 91.0 136.4#
132 112.7 74.2 111.4#
97 82.8 62.3 93.5





#39

1,2-Dichloropropane

Concen: 0.490 ppbv m

RT: 4.321 min Scan# 1305

Delta R.T. 0.010 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.40

Tgt Ion: 63 Resp: 3200

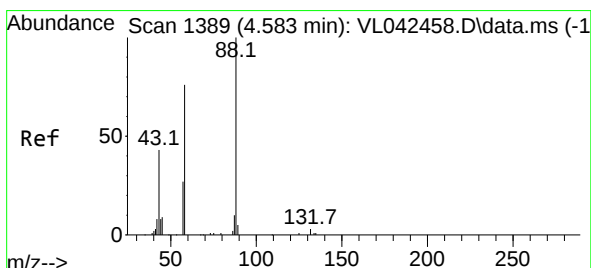
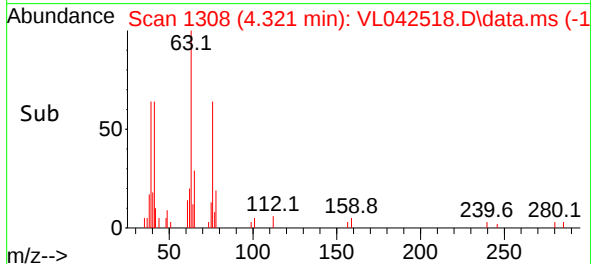
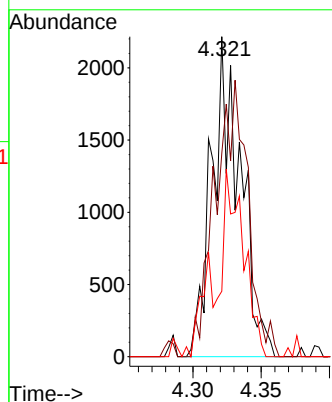
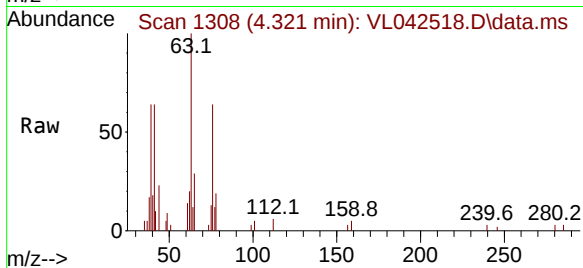
Ion	Ratio	Lower	Upper
63	100		
41	63.5	69.8	104.6
62	20.5	54.3	81.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025

Supervised By :Mahesh Dadoda 05/09/2025



#40

1,4-Dioxane

Concen: 0.335 ppbv m

RT: 4.635 min Scan# 1405

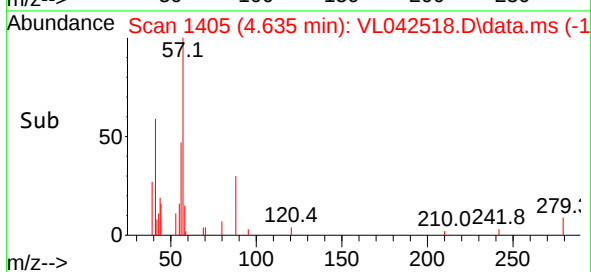
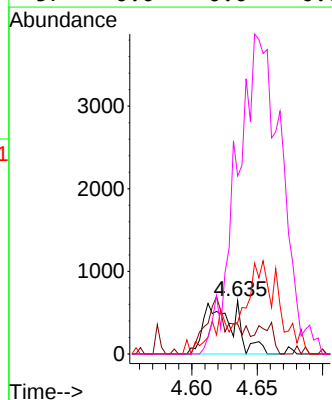
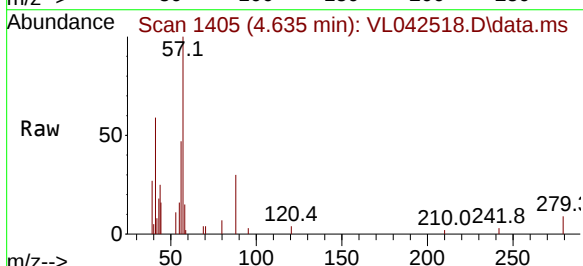
Delta R.T. 0.052 min

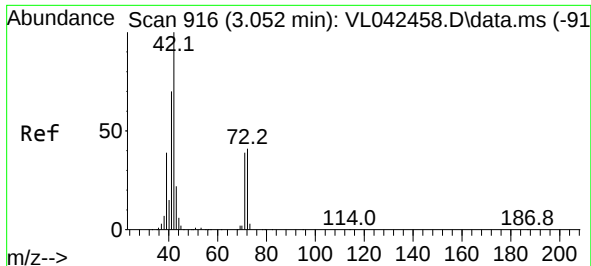
Lab File: VL042518.D

Acq: 07 May 2025 15:02

Tgt Ion: 88 Resp: 1023

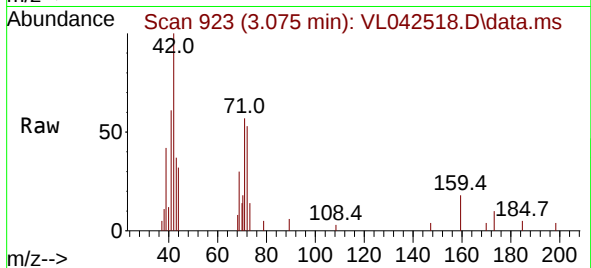
Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 0.278 ppbv m
RT: 3.075 min Scan# 916
Delta R.T. 0.023 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

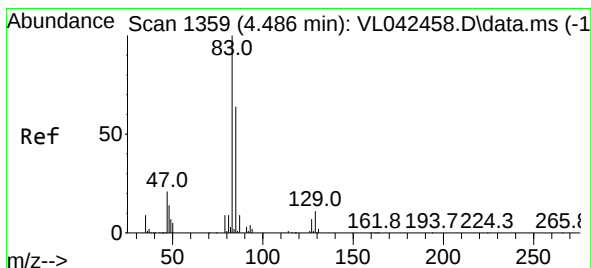
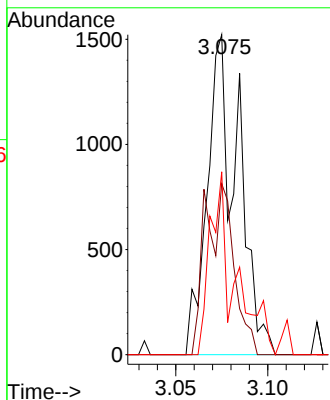
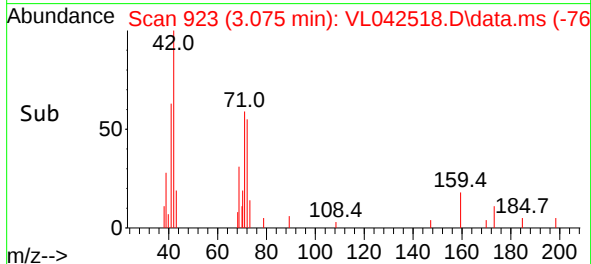
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40



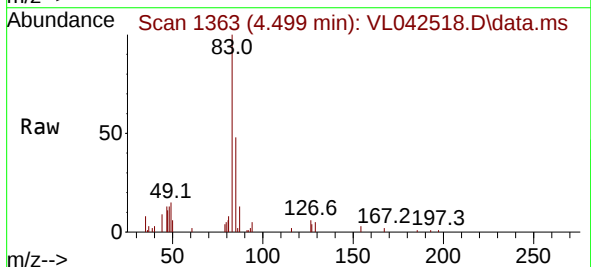
Tgt Ion: 42 Resp: 1768
Ion Ratio Lower Upper
42 100
72 49.6 33.5 50.3
71 48.1 32.6 49.0

Manual Integrations
APPROVED

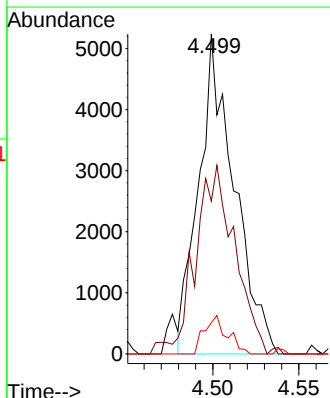
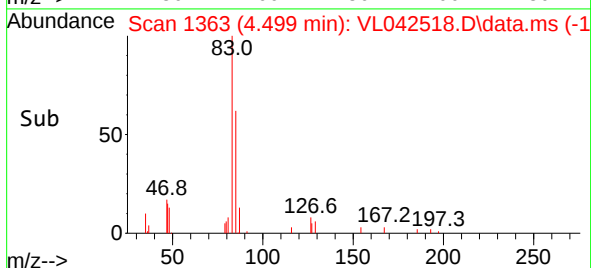
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

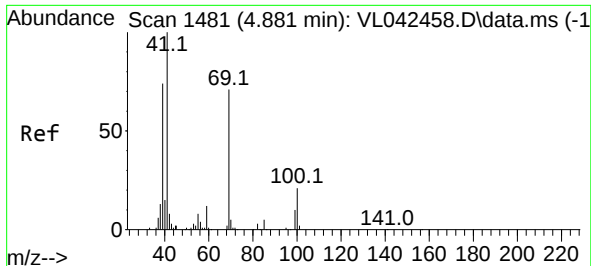


#42
Bromodichloromethane
Concen: 0.457 ppbv
RT: 4.499 min Scan# 1363
Delta R.T. 0.013 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02



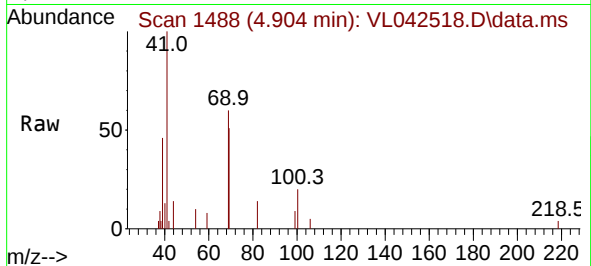
Tgt Ion: 83 Resp: 7504
Ion Ratio Lower Upper
83 100
85 45.7 51.5 77.3#
127 9.8 5.4 8.2#





#43
Methyl Methacrylate
Concen: 0.350 ppbv m
RT: 4.904 min Scan# 1488
Delta R.T. 0.023 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

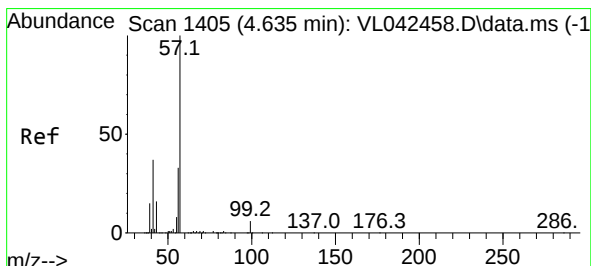
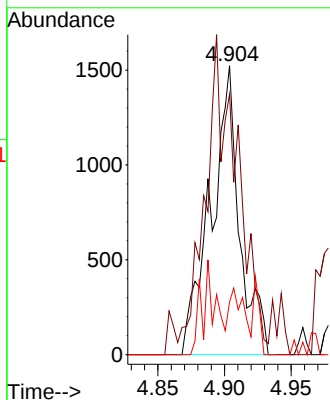
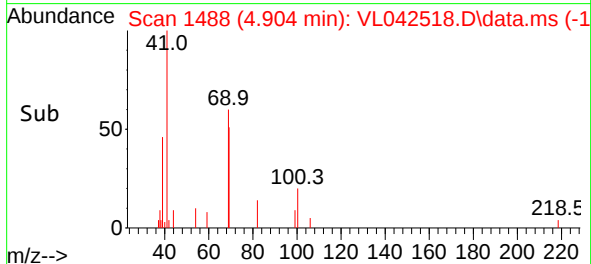
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40



Tgt Ion: 69 Resp: 2275
Ion Ratio Lower Upper
69 100
41 0.0 120.8 181.2#
100 0.0 26.7 40.1#

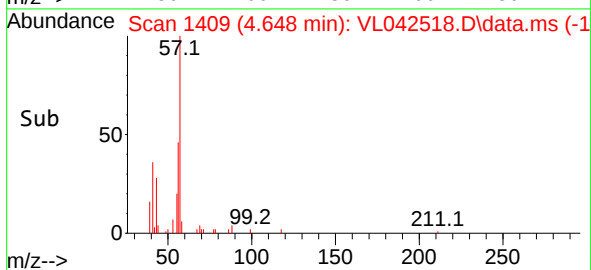
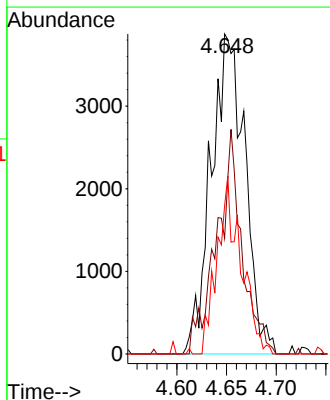
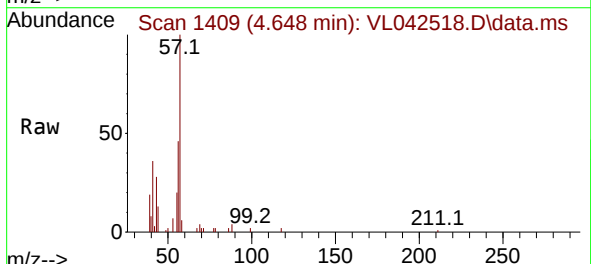
Manual Integrations
APPROVED

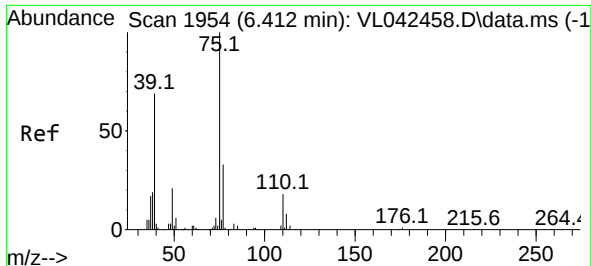
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#44
2,2,4-Trimethylpentane
Concen: 0.323 ppbv m
RT: 4.648 min Scan# 1409
Delta R.T. 0.013 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

Tgt Ion: 57 Resp: 9144
Ion Ratio Lower Upper
57 100
41 52.4 30.6 45.8#
56 39.4 25.0 37.6#





#45

t-1,3-Dichloropropene

Concen: 0.309 ppbv m

RT: 6.422 min Scan# 1954

Delta R.T. 0.010 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.40

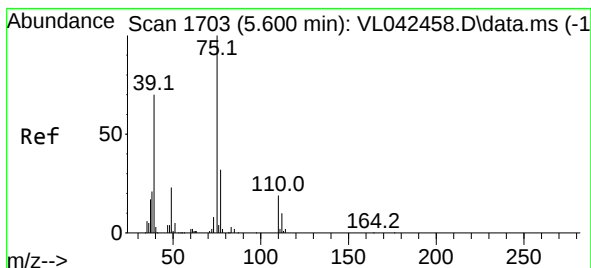
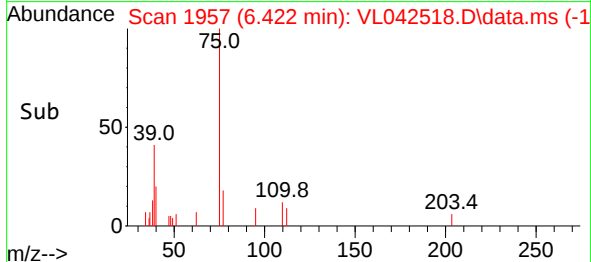
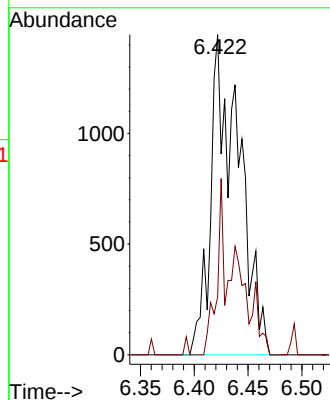
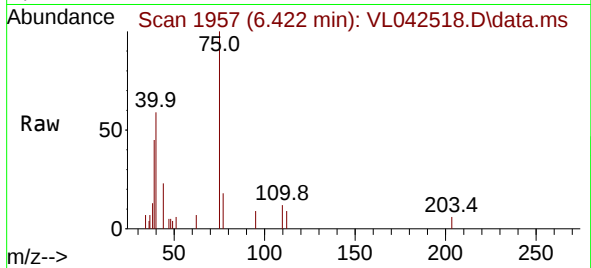
Tgt Ion: 75 Resp: 2630
 Ion Ratio Lower Upper
 75 100
 77 18.0 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025

Supervised By :Mahesh Dadoda 05/09/2025



#46

cis-1,3-Dichloropropene

Concen: 0.326 ppbv m

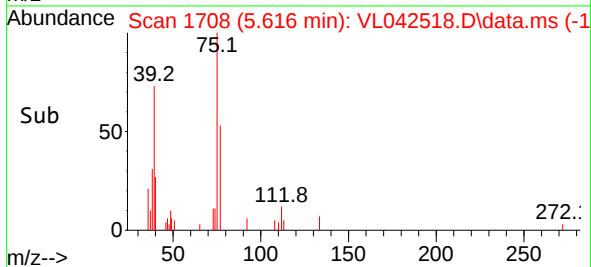
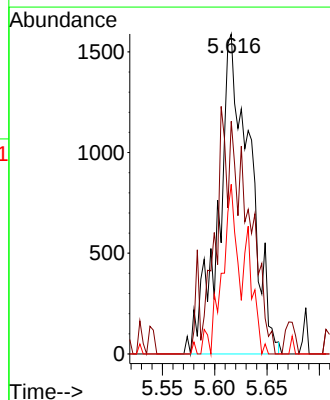
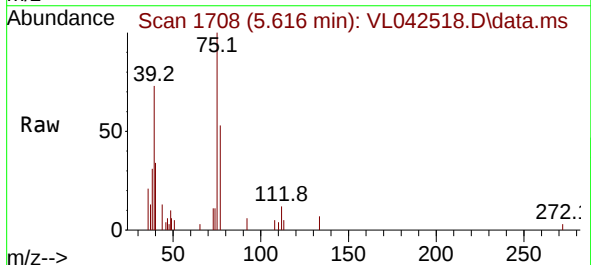
RT: 5.616 min Scan# 1708

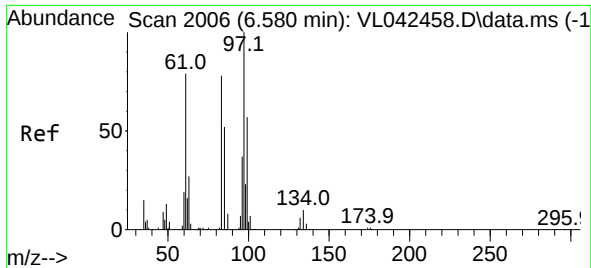
Delta R.T. 0.016 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

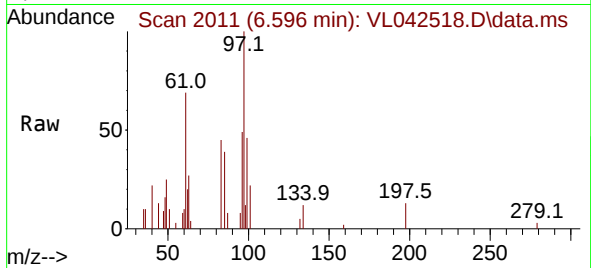
Tgt Ion: 75 Resp: 3304
 Ion Ratio Lower Upper
 75 100
 39 72.7 55.7 83.5
 77 53.0 25.8 38.8





#47
1,1,2-Trichloroethane
Concen: 0.516 ppbv m
RT: 6.596 min Scan# 2006
Delta R.T. 0.016 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

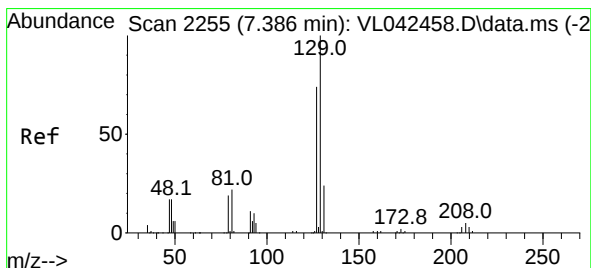
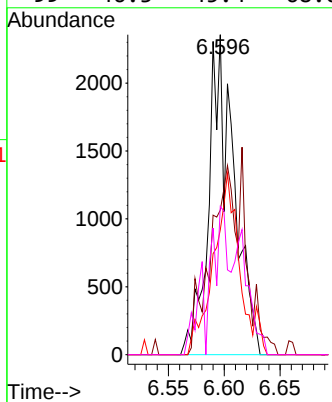
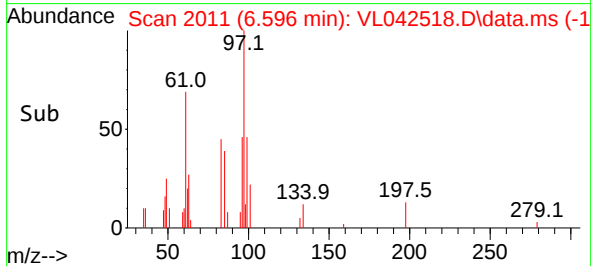
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40



Tgt Ion: 97 Resp: 369
Ion Ratio Lower Upper
97 100
83 45.1 62.2 93.2
85 39.0 41.5 62.3
99 46.3 45.4 68.0

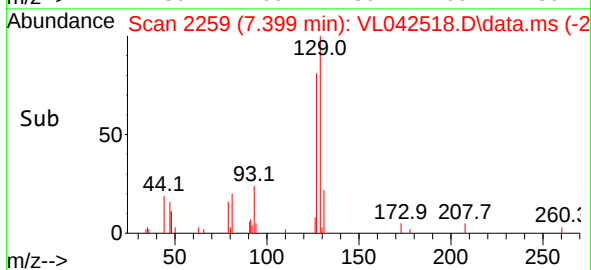
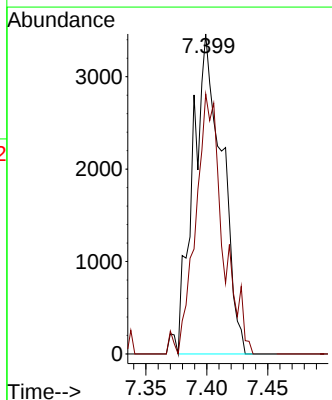
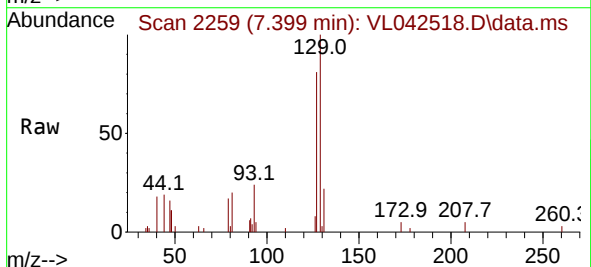
Manual Integrations
APPROVED

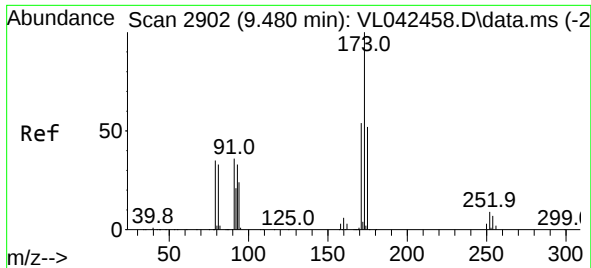
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#48
Dibromochloromethane
Concen: 0.472 ppbv m
RT: 7.399 min Scan# 2259
Delta R.T. 0.013 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

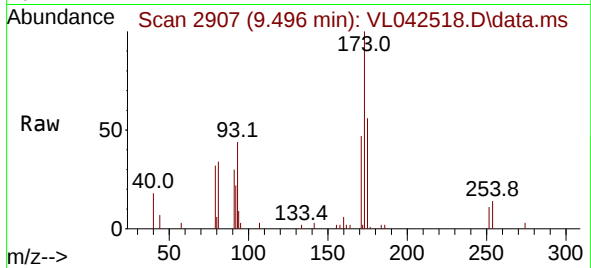
Tgt Ion:129 Resp: 5711
Ion Ratio Lower Upper
129 100
127 0.0 39.5 118.5





#49
Bromoform
Concen: 0.431 ppbv
RT: 9.496 min Scan# 2902
Delta R.T. 0.016 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

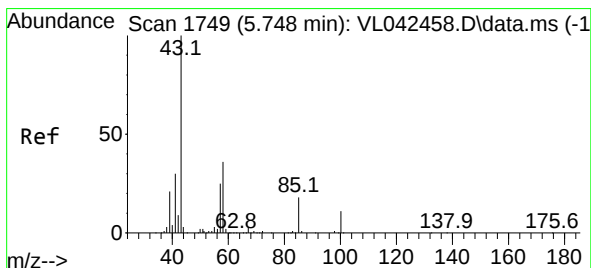
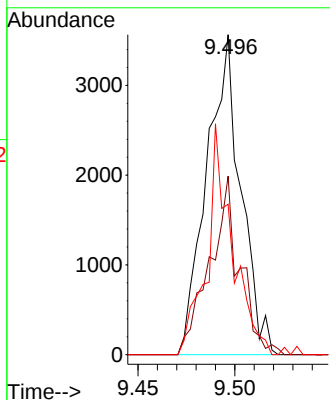
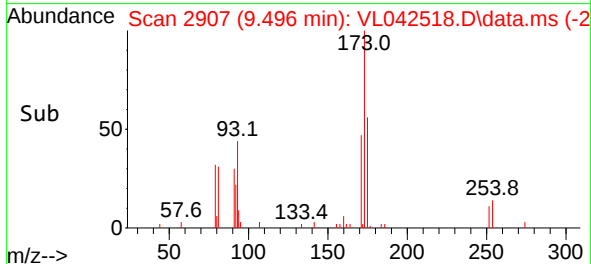
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40



Tgt Ion:173 Resp: 4368
Ion Ratio Lower Upper
173 100
175 49.0 38.9 58.3
171 53.7 40.6 60.8

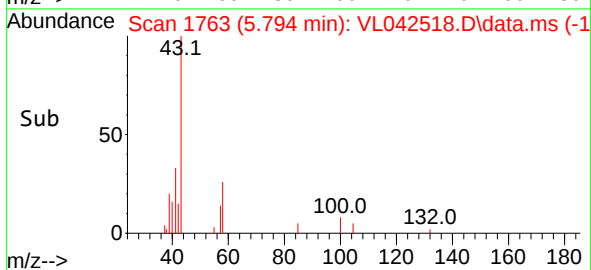
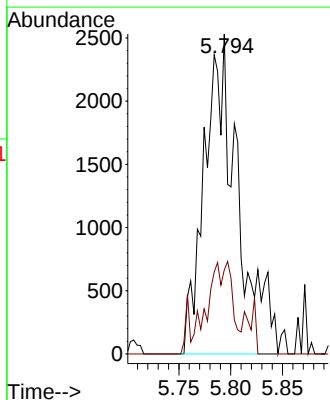
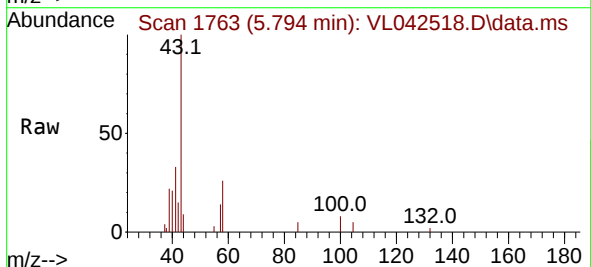
Manual Integrations
APPROVED

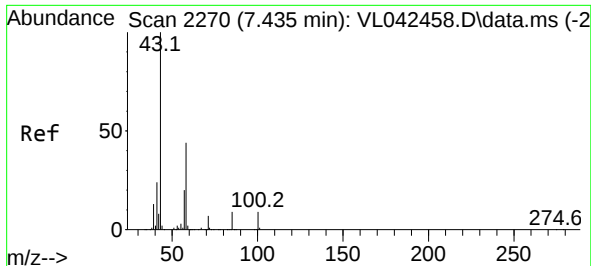
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#50
4-Methyl-2-Pentanone
Concen: 0.335 ppbv m
RT: 5.794 min Scan# 1763
Delta R.T. 0.045 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

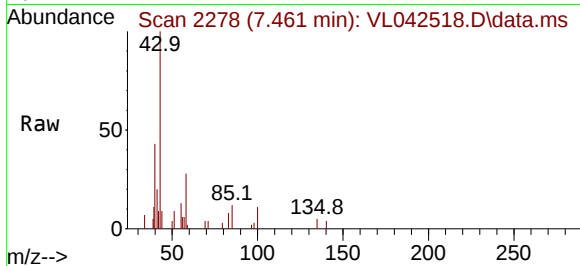
Tgt Ion: 43 Resp: 5656
Ion Ratio Lower Upper
43 100
58 0.0 29.5 44.3#





#51
2-Hexanone
Concen: 0.292 ppbv m
RT: 7.461 min Scan# 219
Delta R.T. 0.026 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

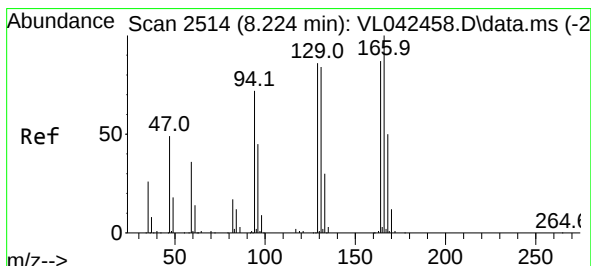
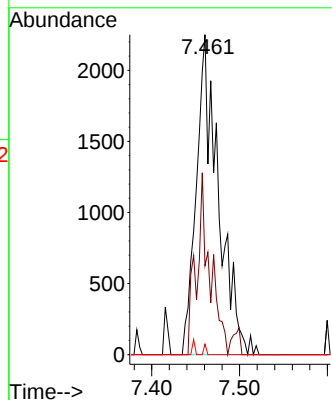
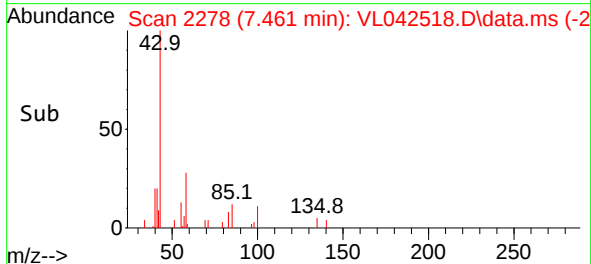
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40



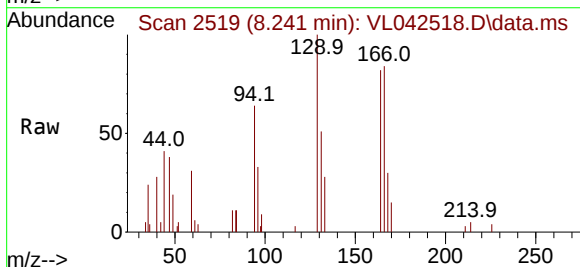
Tgt Ion: 43 Resp: 394
Ion Ratio Lower Upper
43 100
58 0.0 37.2 55.8
98 0.0 0.4 0.6

Manual Integrations
APPROVED

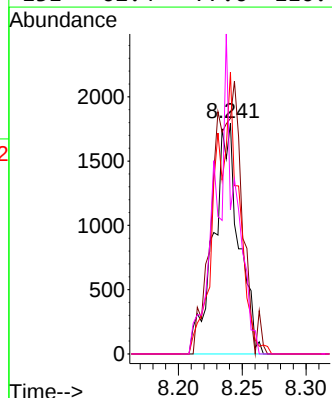
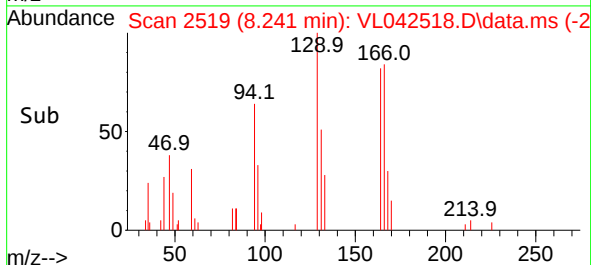
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

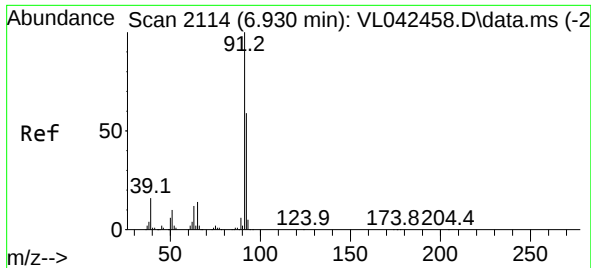


#52
Tetrachloroethene
Concen: 0.373 ppbv m
RT: 8.241 min Scan# 2519
Delta R.T. 0.016 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02



Tgt Ion:164 Resp: 2479
Ion Ratio Lower Upper
164 100
166 102.1 91.6 137.4
129 122.2 79.0 118.4#
131 62.4 77.6 116.4#





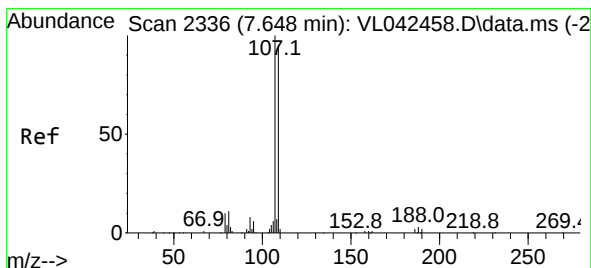
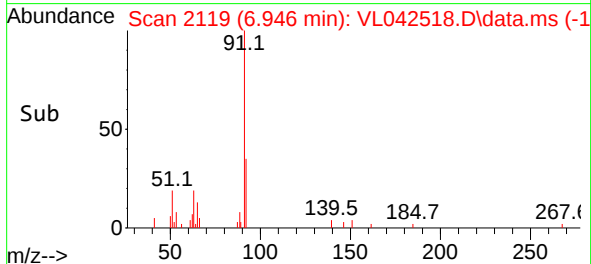
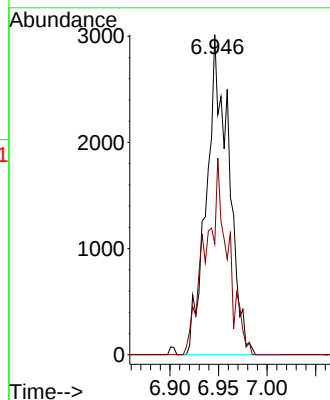
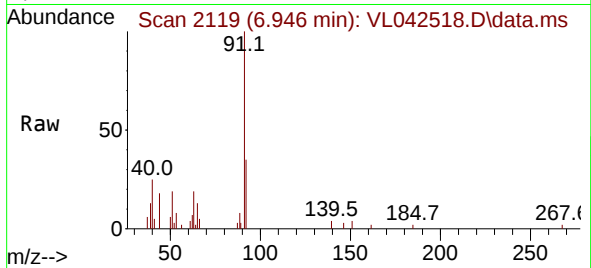
#53
Toluene
Concen: 0.260 ppbv m
RT: 6.946 min Scan# 2114
Delta R.T. 0.016 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

Tgt Ion: 91 Resp: 4792
Ion Ratio Lower Upper
91 100
92 0.0 47.9 71.9

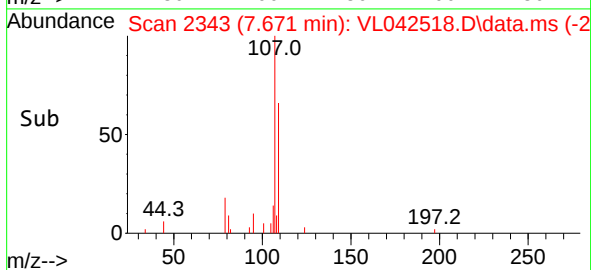
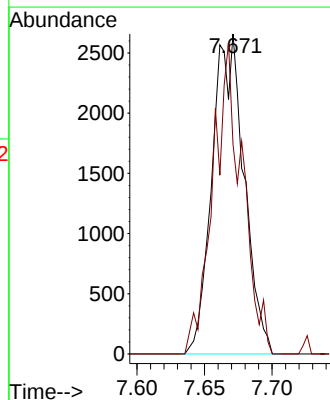
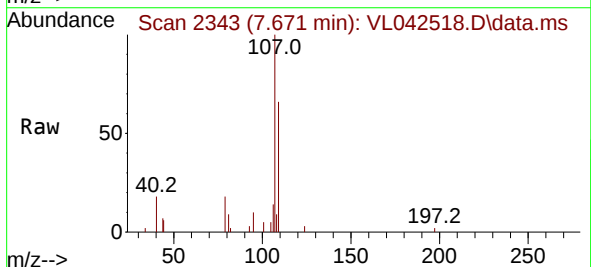
Manual Integrations
APPROVED

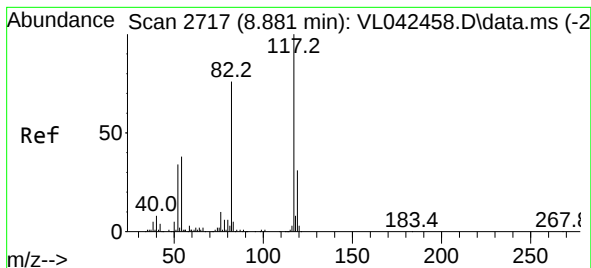
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#54
1,2-Dibromoethane
Concen: 0.398 ppbv m
RT: 7.671 min Scan# 2343
Delta R.T. 0.023 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

Tgt Ion:107 Resp: 4358
Ion Ratio Lower Upper
107 100
109 65.6 76.0 114.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.894 min Scan# 2717

Delta R.T. 0.013 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

Instrument :

MSVOA_L

ClientSampleId :

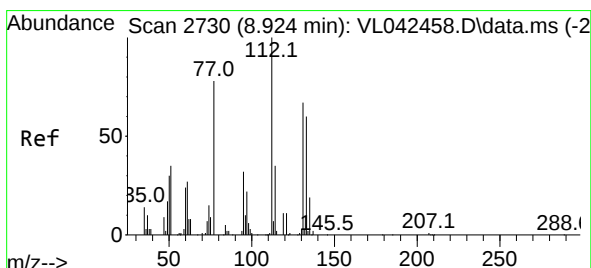
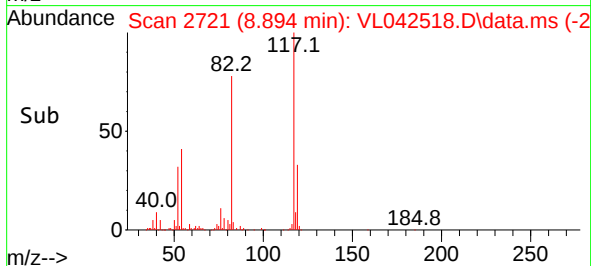
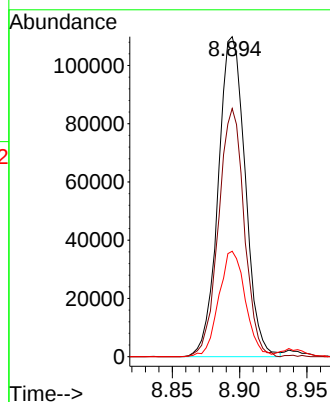
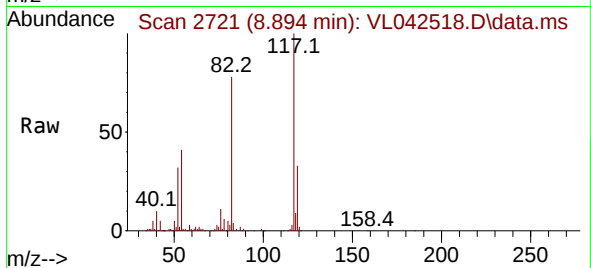
MDL1 0.40

Tgt Ion:	117	Resp:	15306
Ion Ratio	Lower	Upper	
117	100		
82	74.0	63.5	95.3
119	34.7	25.8	38.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#56

1,1,1,2-Tetrachloroethane

Concen: 0.530 ppbv m

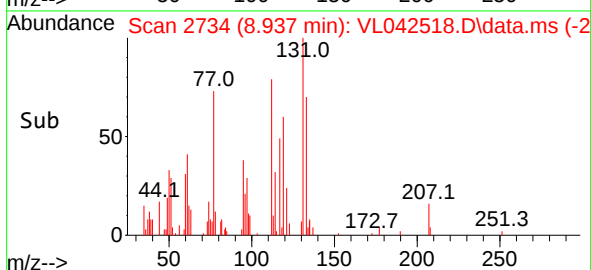
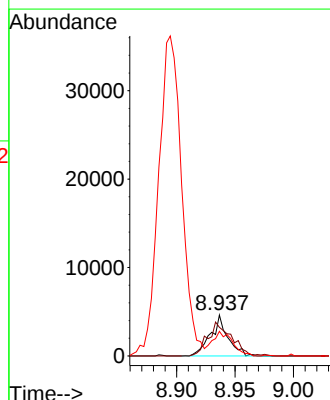
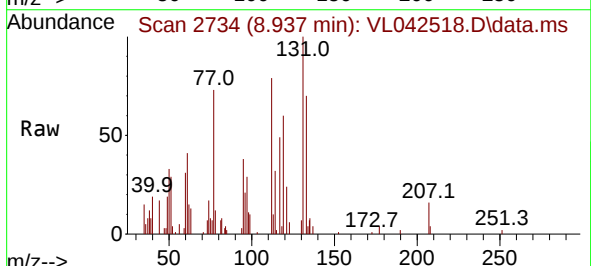
RT: 8.937 min Scan# 2734

Delta R.T. 0.013 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

Tgt Ion:	131	Resp:	4788
Ion Ratio	Lower	Upper	
131	100		
133	112.7	76.0	114.0
119	0.0	46.1	69.1





#57

Chlorobenzene

Concen: 0.463 ppbv m

RT: 8.930 min Scan# 2114

Delta R.T. 0.010 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

Instrument :

MSVOA_L

ClientSampleId :

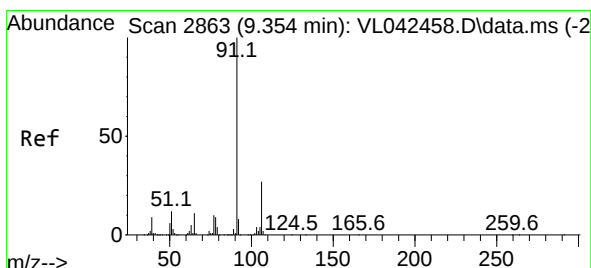
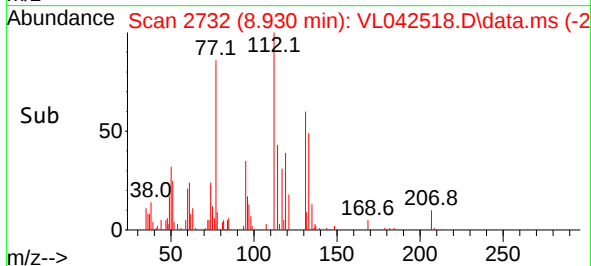
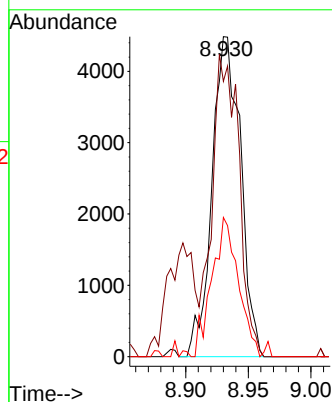
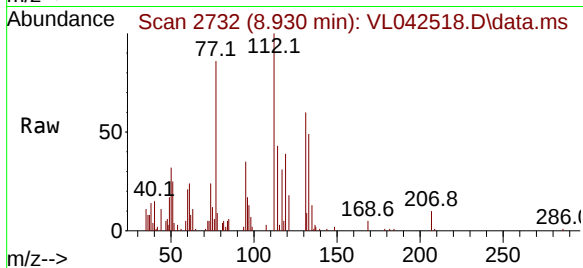
MDL1 0.40

Tgt Ion:112	Resp:	7114
Ion Ratio	Lower	Upper
112	100	
77	86.0	65.0 97.4
114	43.5	27.5 33.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#58

Ethyl Benzene

Concen: 0.260 ppbv

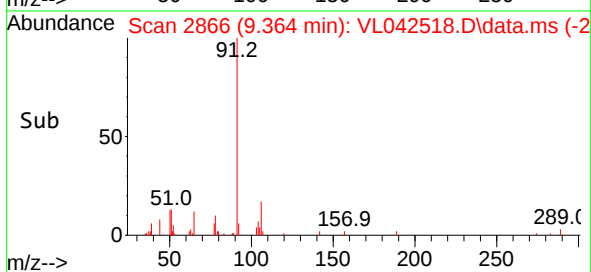
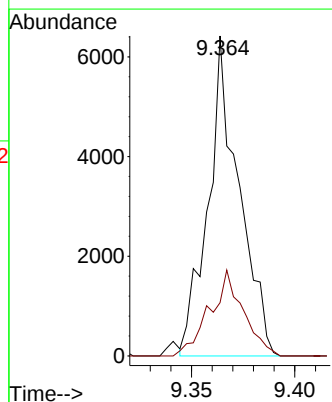
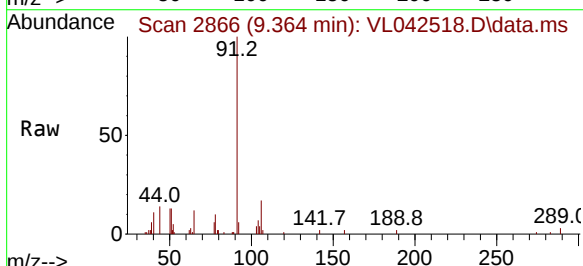
RT: 9.364 min Scan# 2866

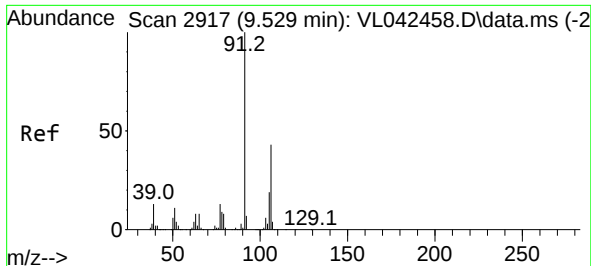
Delta R.T. 0.010 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

Tgt Ion: 91	Resp:	6659
Ion Ratio	Lower	Upper
91	100	
106	16.7	21.9 32.9





#59

m/p-Xylene

Concen: 0.522 ppbv m

RT: 9.564 min Scan# 2917

Delta R.T. 0.036 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

Instrument :

MSVOA_L

ClientSampleId :

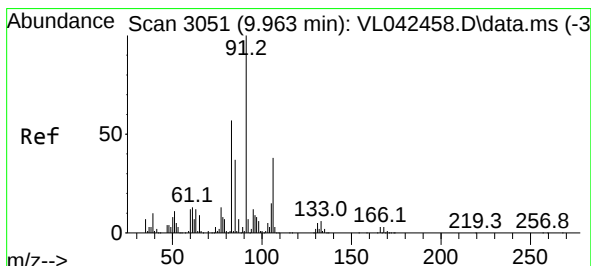
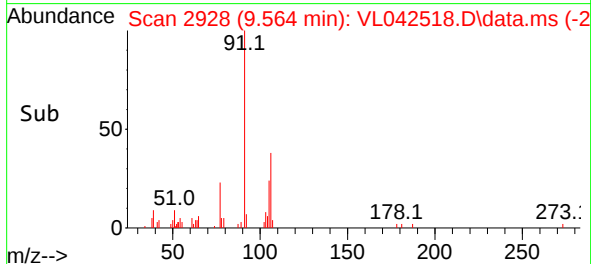
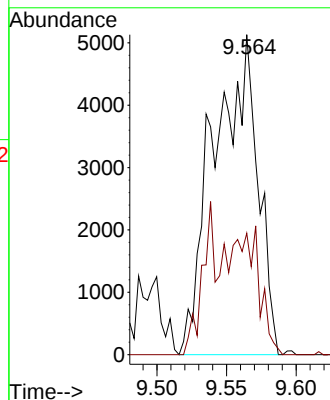
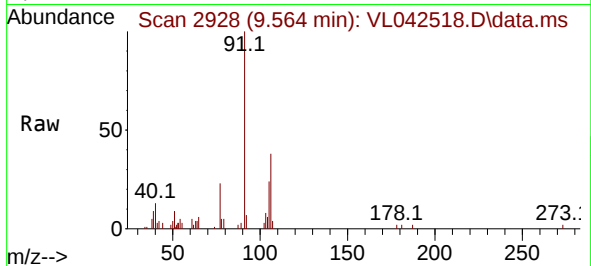
MDL1 0.40

Tgt Ion: 91 Resp: 1119
 Ion Ratio Lower Upper
 91 100
 106 0.0 34.2 51.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#60

o-Xylene

Concen: 0.260 ppbv

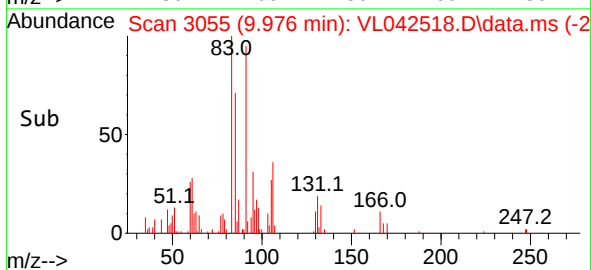
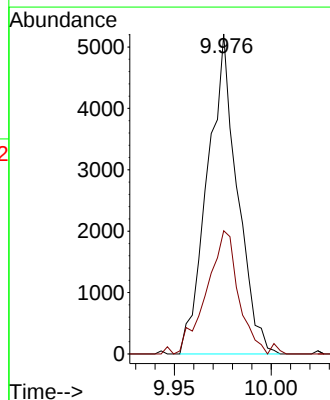
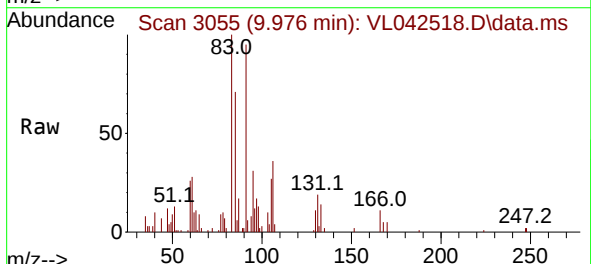
RT: 9.976 min Scan# 3055

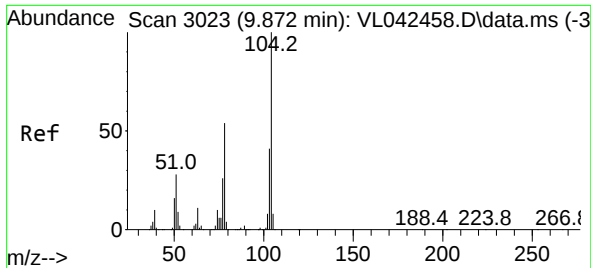
Delta R.T. 0.013 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

Tgt Ion: 91 Resp: 5590
 Ion Ratio Lower Upper
 91 100
 106 42.1 20.1 60.2





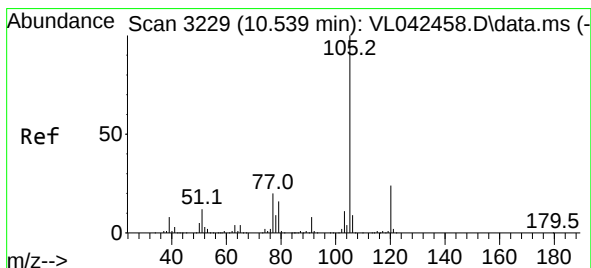
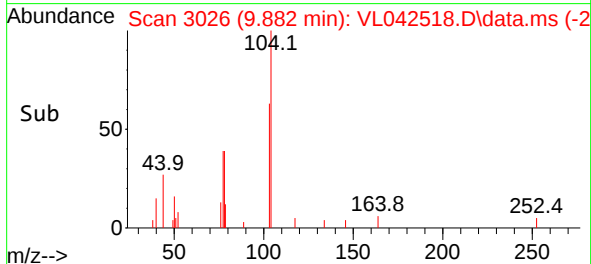
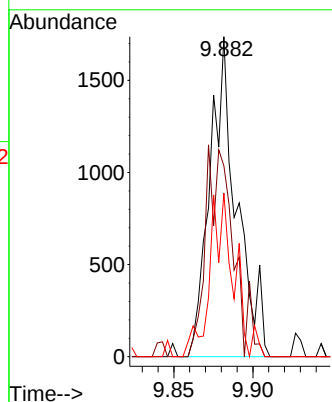
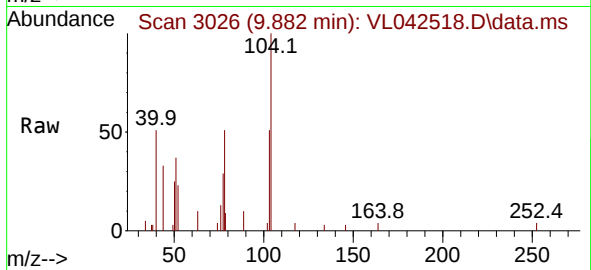
#61
Styrene
Concen: 0.255 ppbv m
RT: 9.882 min Scan# 3023
Delta R.T. 0.010 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

Tgt Ion:104 Resp: 2040
Ion Ratio Lower Upper
104 100
78 69.4 46.9 70.3
103 47.2 36.6 55.0

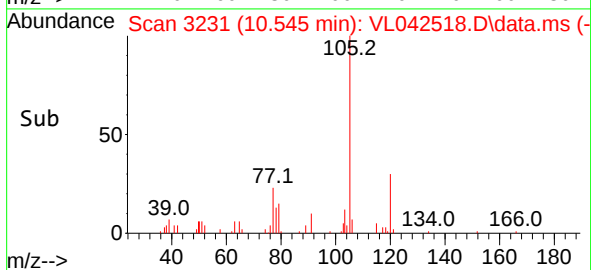
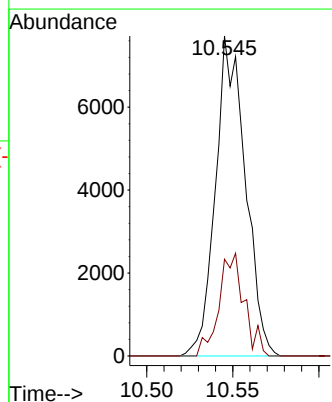
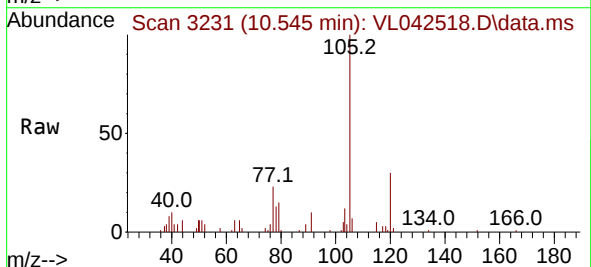
Manual Integrations
APPROVED

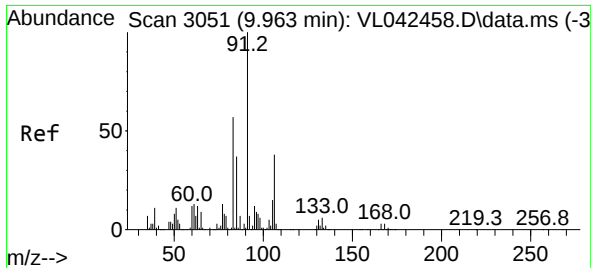
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#62
Isopropylbenzene
Concen: 0.300 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. 0.007 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

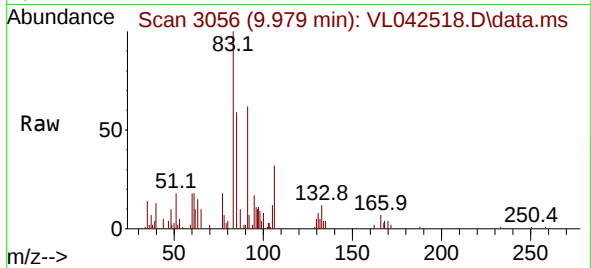
Tgt Ion:105 Resp: 9300
Ion Ratio Lower Upper
105 100
120 27.3 18.8 28.2





#63
1,1,2,2-Tetrachloroethane
Concen: 0.511 ppbv
RT: 9.979 min Scan# 3051
Delta R.T. 0.016 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

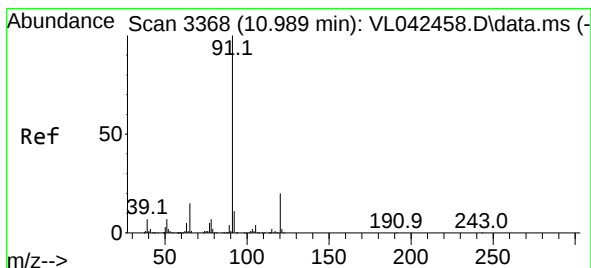
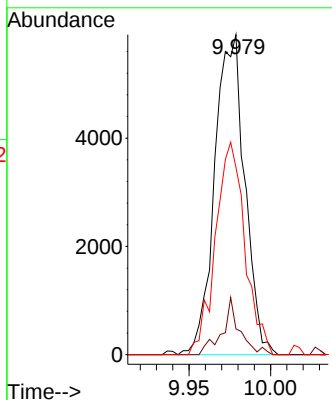
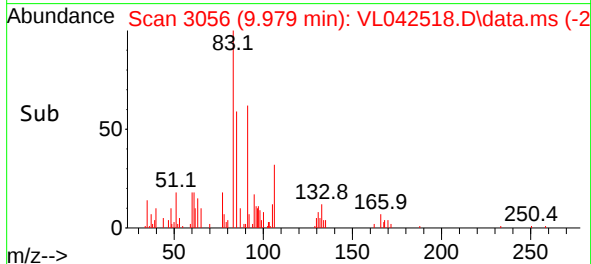
Instrument : MSVOA_L
ClientSampleId : MDL1 0.40



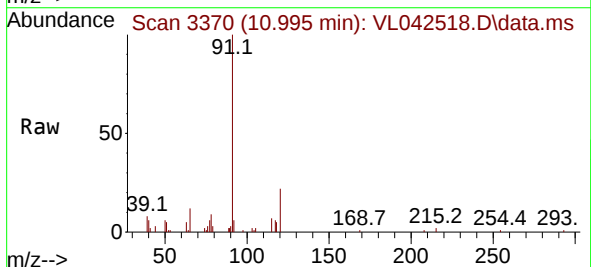
Tgt Ion: 83 Resp: 757
Ion Ratio Lower Upper
83 100
131 10.3 4.7 14.1
85 65.0 32.5 97.4

Manual Integrations
APPROVED

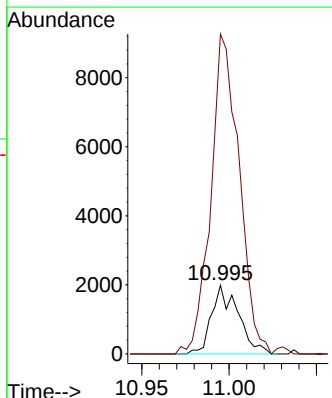
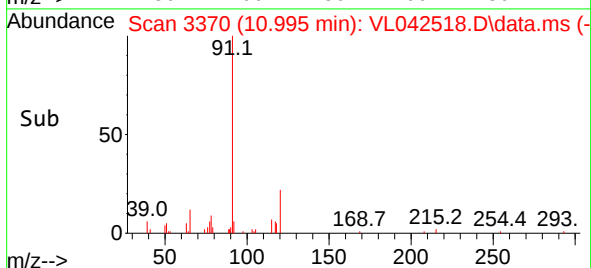
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

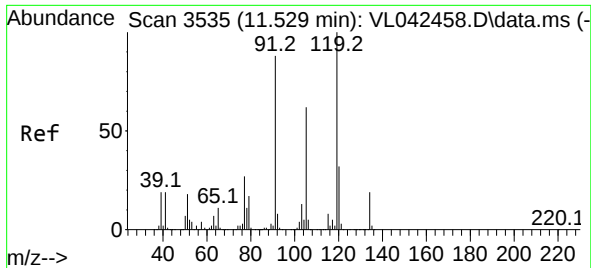


#64
n-propylbenzene
Concen: 0.279 ppbv m
RT: 10.995 min Scan# 3370
Delta R.T. 0.007 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02



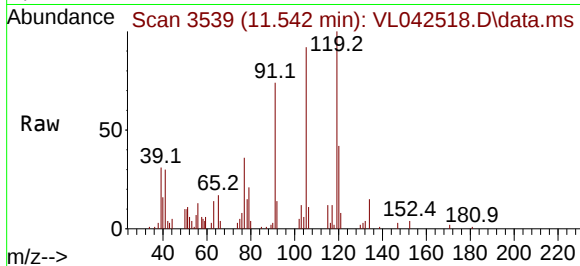
Tgt Ion:120 Resp: 2115
Ion Ratio Lower Upper
120 100
91 0.0 408.6 612.8#





#65
tert-Butylbenzene
Concen: 0.266 ppbv m
RT: 11.542 min Scan# 3539
Delta R.T. 0.013 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

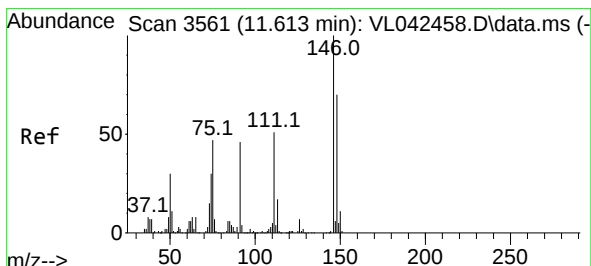
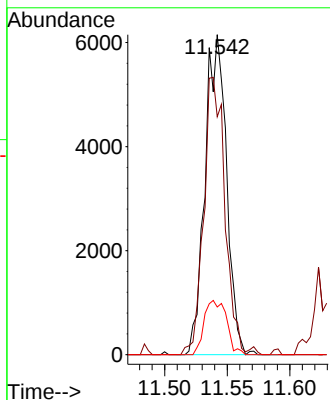
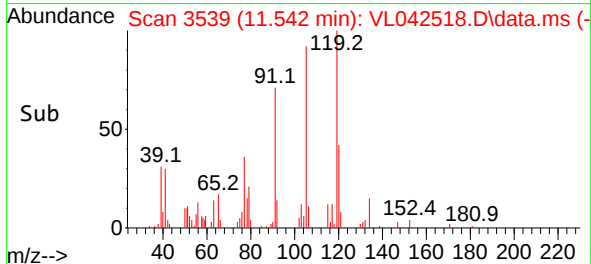
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40



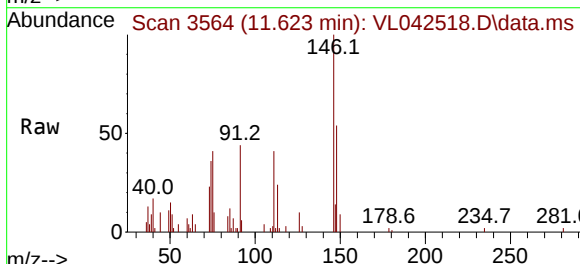
Tgt Ion: 119 Resp: 735
Ion Ratio Lower Upper
119 100
91 85.8 71.6 107.4
134 17.6 15.0 22.4

Manual Integrations
APPROVED

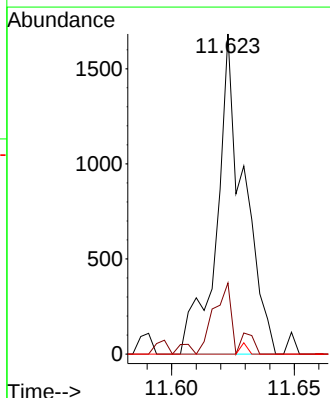
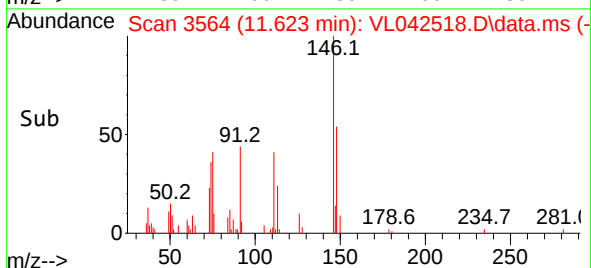
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

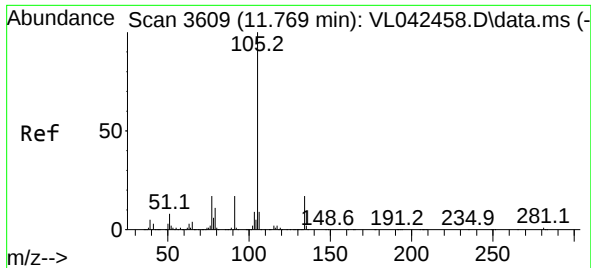


#66
Benzyl Chloride
Concen: 0.406 ppbv m
RT: 11.623 min Scan# 3564
Delta R.T. 0.010 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02



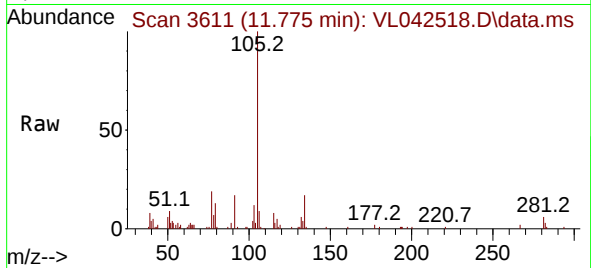
Tgt Ion: 91 Resp: 1297
Ion Ratio Lower Upper
91 100
126 20.5 13.3 19.9#
128 0.0 4.2 6.4#





#67
 sec-Butylbenzene
 Concen: 0.290 ppbv
 RT: 11.775 min Scan# 3182
 Delta R.T. 0.007 min
 Lab File: VL042518.D
 Acq: 07 May 2025 15:02

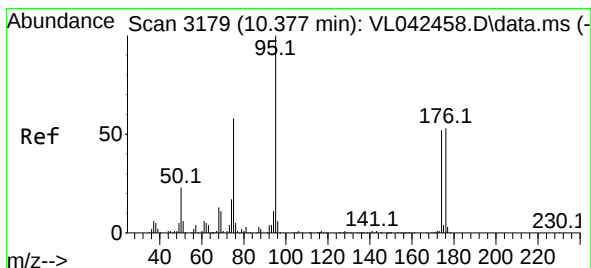
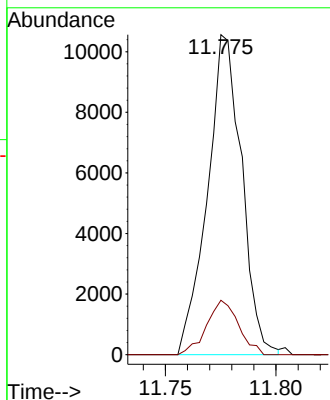
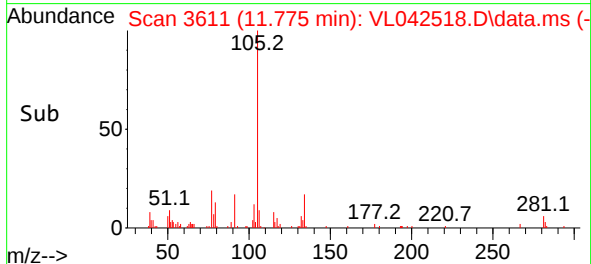
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.40



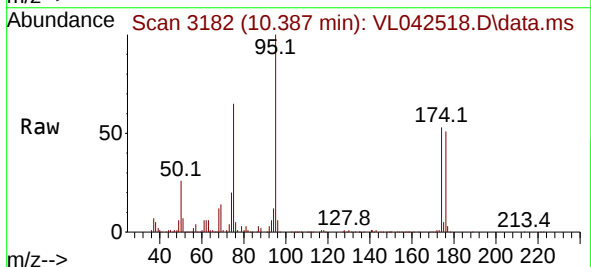
Tgt Ion:105 Resp: 11370
 Ion Ratio Lower Upper
 105 100
 134 15.8 14.1 21.1

Manual Integrations
 APPROVED

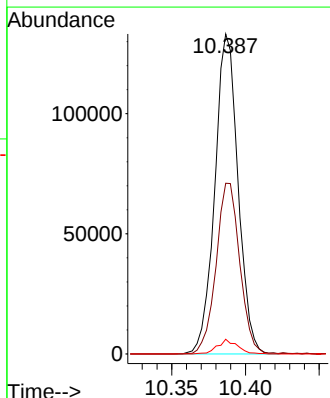
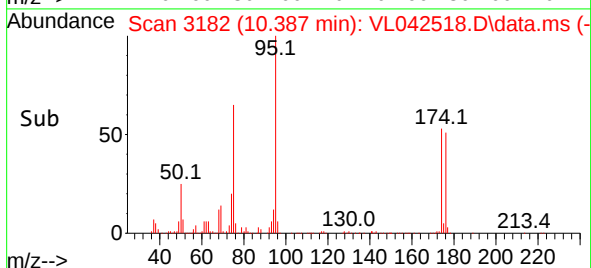
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025

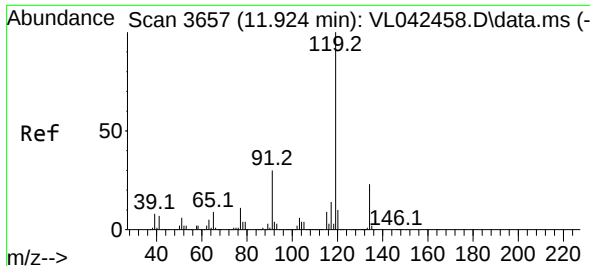


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.266 ppbv
 RT: 10.387 min Scan# 3182
 Delta R.T. 0.010 min
 Lab File: VL042518.D
 Acq: 07 May 2025 15:02



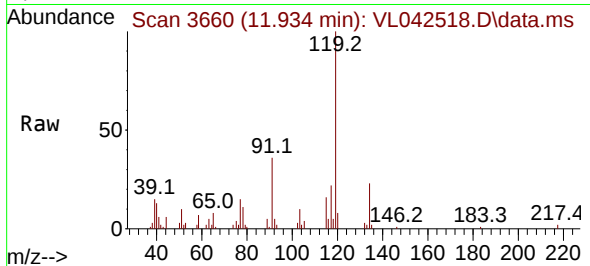
Tgt Ion: 95 Resp: 145687
 Ion Ratio Lower Upper
 95 100
 174 54.9 42.7 64.1
 175 3.9 3.6 5.4





#69
p-Isopropyltoluene
Concen: 0.242 ppbv
RT: 11.934 min Scan# 3660
Delta R.T. 0.010 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

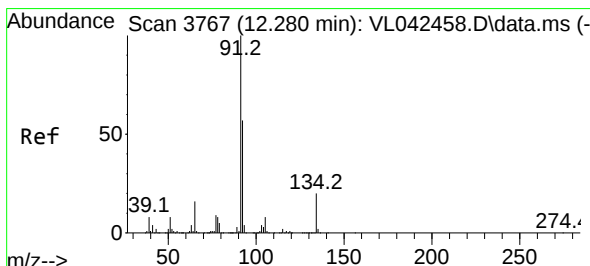
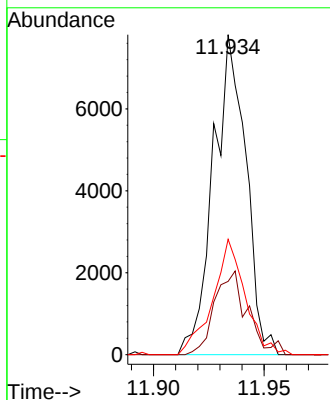
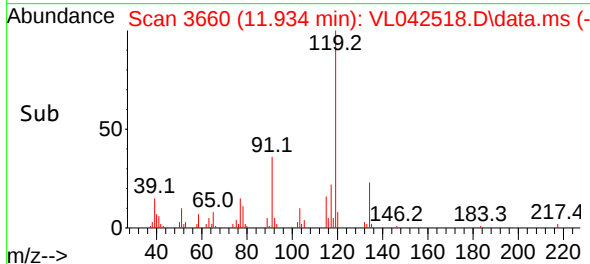
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40



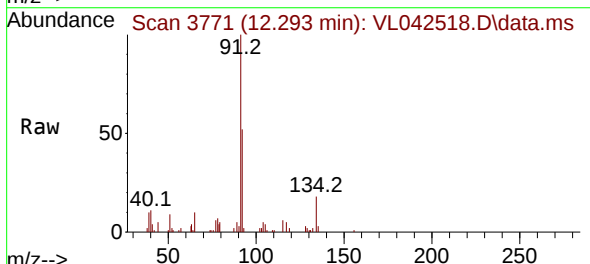
Tgt Ion: 119 Resp: 799
Ion Ratio Lower Upper
119 100
134 26.4 19.0 28.4
91 36.0 25.5 38.3

Manual Integrations
APPROVED

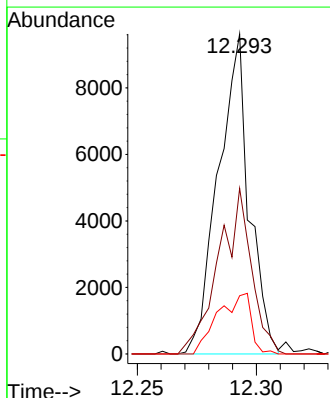
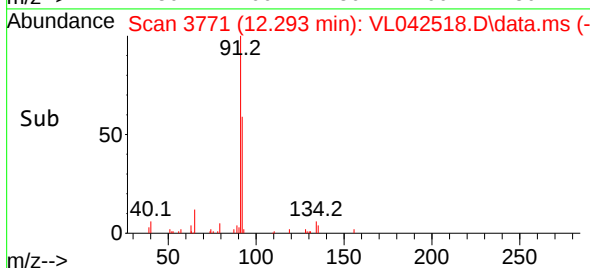
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

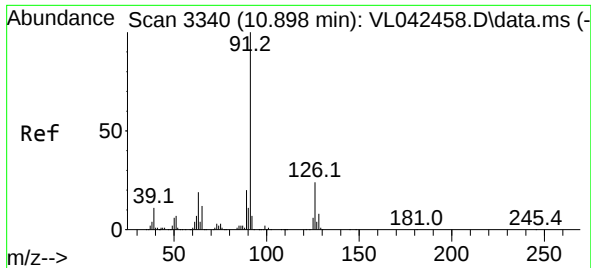


#70
n-Butylbenzene
Concen: 0.253 ppbv
RT: 12.293 min Scan# 3771
Delta R.T. 0.013 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02



Tgt Ion: 91 Resp: 8669
Ion Ratio Lower Upper
91 100
92 55.0 44.0 66.0
134 20.4 16.8 25.2





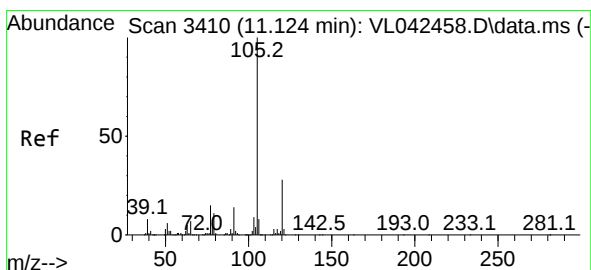
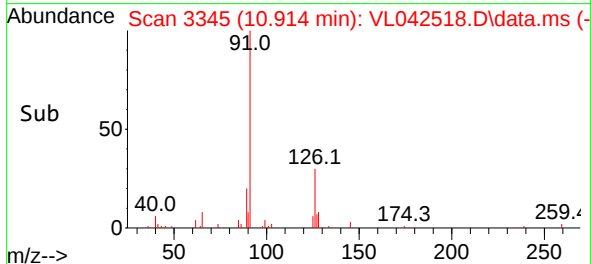
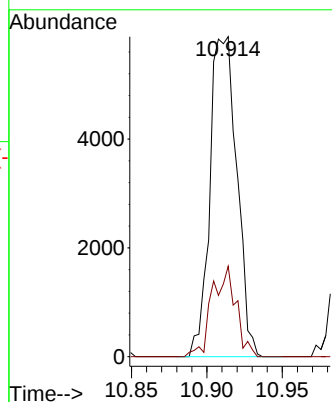
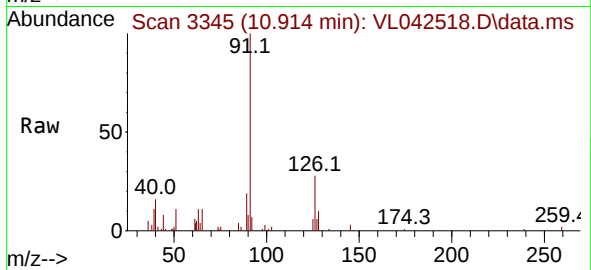
#71
2-Chlorotoluene
Concen: 0.301 ppbv m
RT: 10.914 min Scan# 314
Delta R.T. 0.016 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

Tgt Ion: 91 Resp: 7314
Ion Ratio Lower Upper
91 100
126 25.2 10.6 42.2

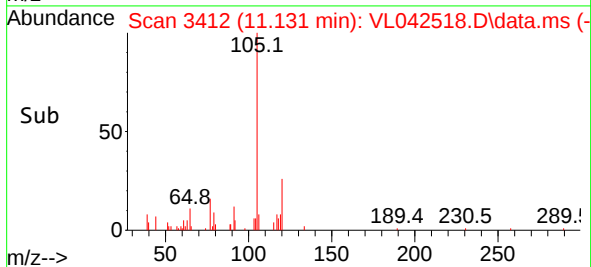
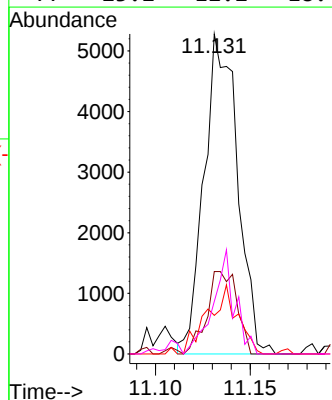
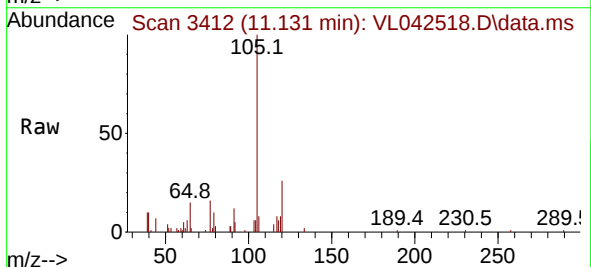
Manual Integrations
APPROVED

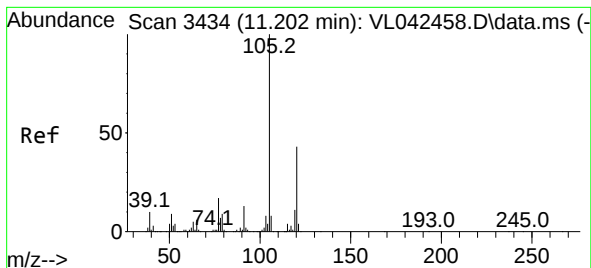
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#72
4-Ethyltoluene
Concen: 0.256 ppbv m
RT: 11.131 min Scan# 3412
Delta R.T. 0.007 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

Tgt Ion:105 Resp: 6483
Ion Ratio Lower Upper
105 100
120 0.0 22.0 33.0#
91 20.0 11.2 16.8#
77 23.2 12.2 18.4#





#73

1,3,5-Trimethylbenzene

Concen: 0.242 ppbv

RT: 11.212 min Scan# 3434

Delta R.T. 0.010 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

Instrument :

MSVOA_L

ClientSampleId :

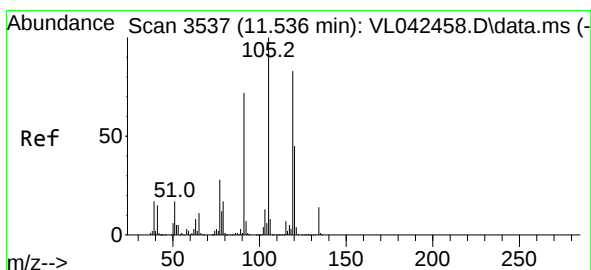
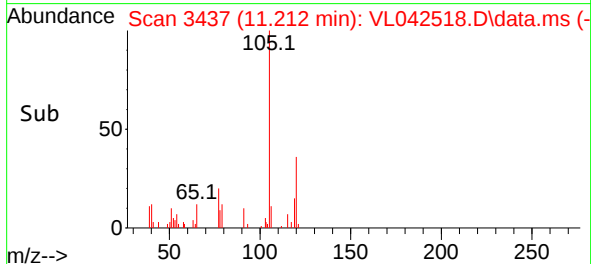
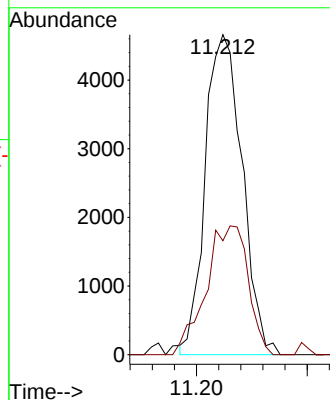
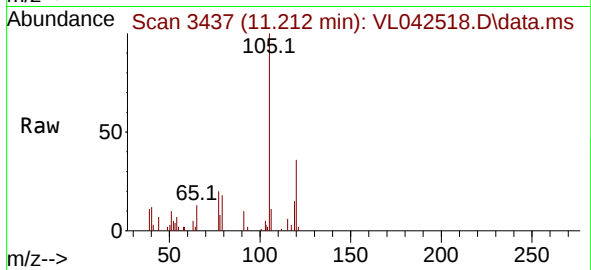
MDL1 0.40

Tgt Ion:105 Resp: 5388
 Ion Ratio Lower Upper
 105 100
 120 35.6 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#74

1,2,4-Trimethylbenzene

Concen: 0.264 ppbv

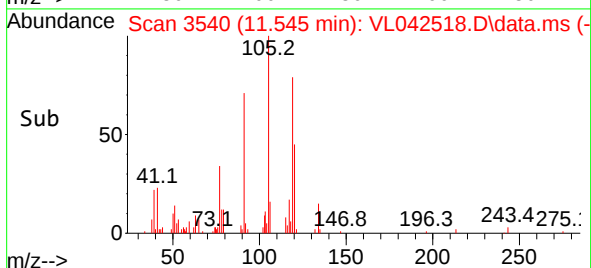
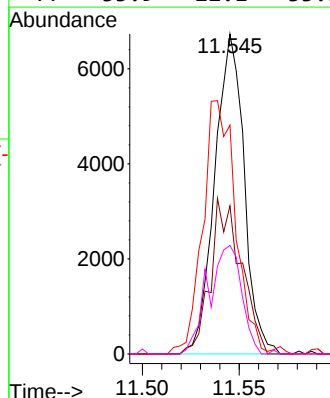
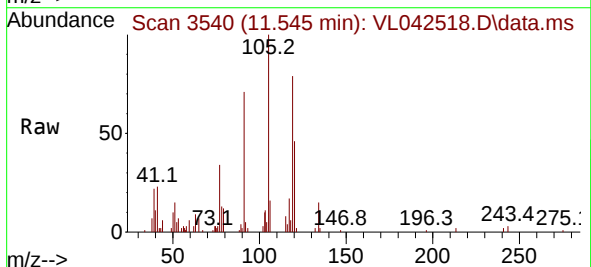
RT: 11.545 min Scan# 3540

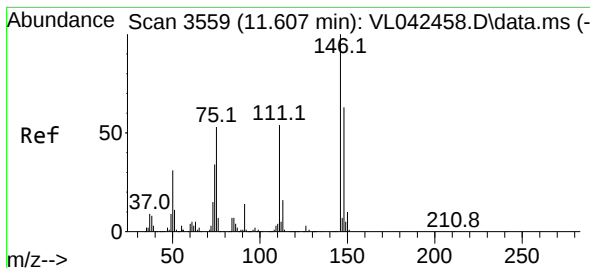
Delta R.T. 0.010 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

Tgt Ion:105 Resp: 7099
 Ion Ratio Lower Upper
 105 100
 120 46.3 36.1 54.1
 91 69.2 57.6 86.4
 77 33.9 22.1 33.1#





#75

1,3-Dichlorobenzene

Concen: 0.410 ppbv

RT: 11.616 min Scan# 3559

Delta R.T. 0.010 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.40

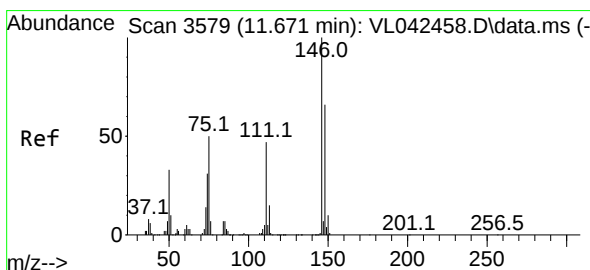
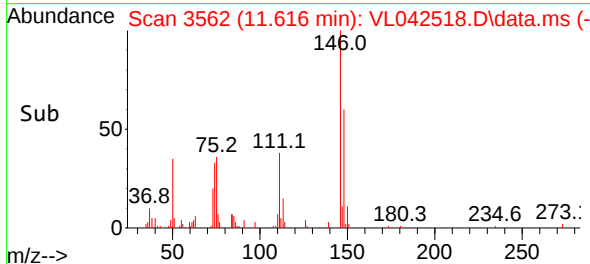
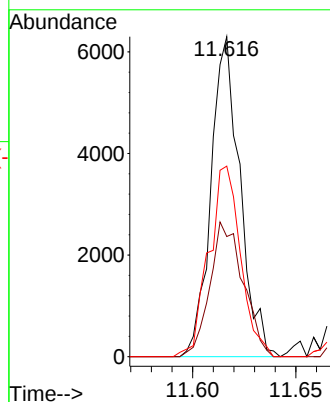
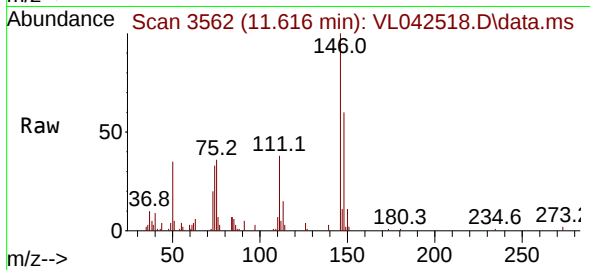
Tgt Ion:146	Resp:	6150
Ion Ratio	Lower	Upper
146	100	
111	48.2	26.1 78.3
148	65.2	32.0 96.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025

Supervised By :Mahesh Dadoda 05/09/2025



#76

1,4-Dichlorobenzene

Concen: 0.397 ppbv

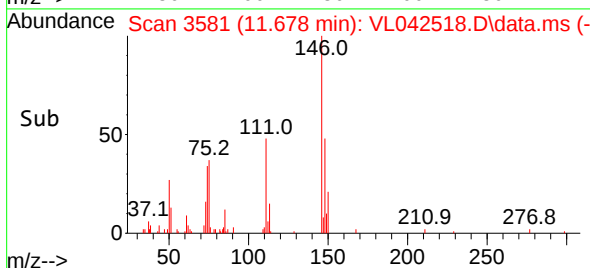
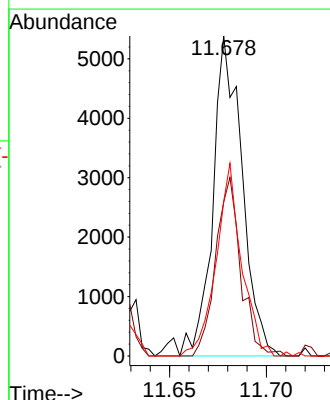
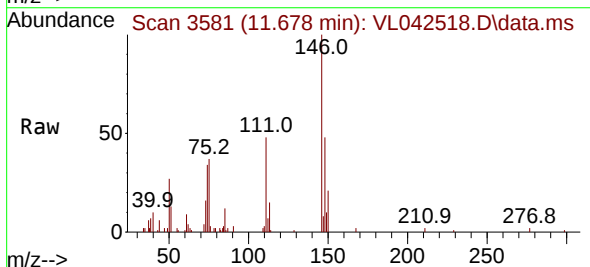
RT: 11.678 min Scan# 3581

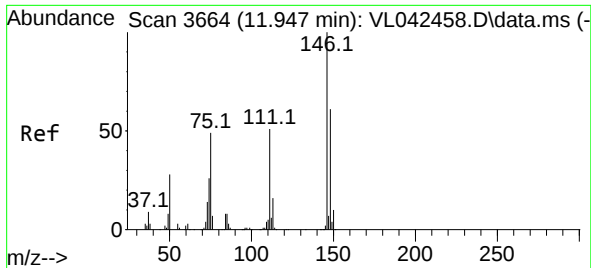
Delta R.T. 0.007 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

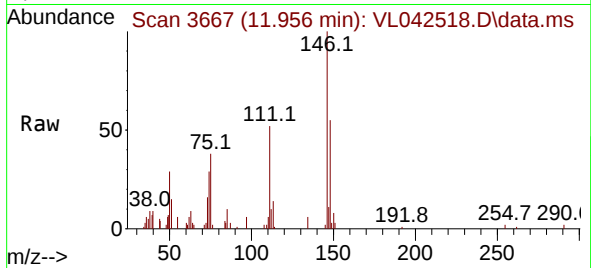
Tgt Ion:146	Resp:	5631
Ion Ratio	Lower	Upper
146	100	
111	48.1	24.4 73.2
148	52.8	32.0 96.2





#77
1,2-Dichlorobenzene
Concen: 0.415 ppbv
RT: 11.956 min Scan# 30
Delta R.T. 0.010 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

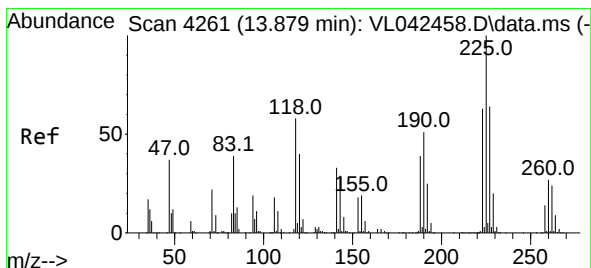
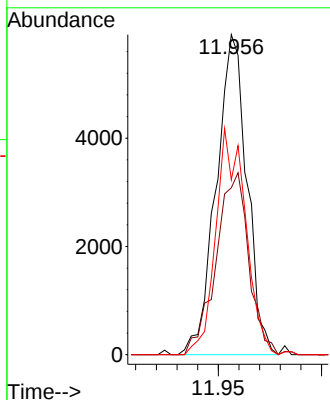
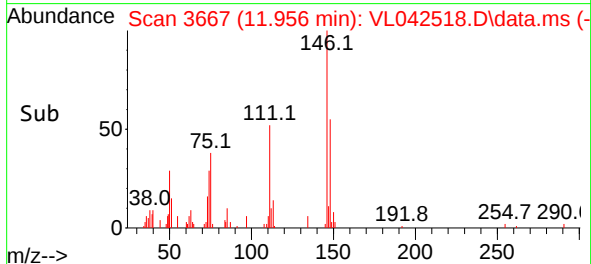
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40



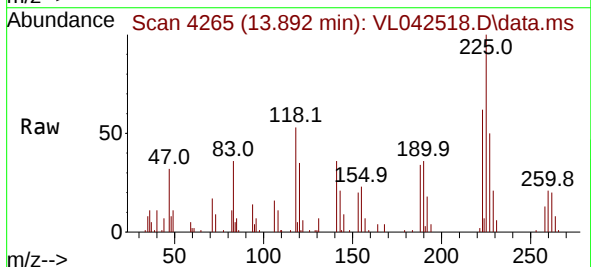
Tgt Ion:146 Resp: 609
Ion Ratio Lower Upper
146 100
111 61.1 26.5 79.5
148 68.7 31.5 94.5

Manual Integrations
APPROVED

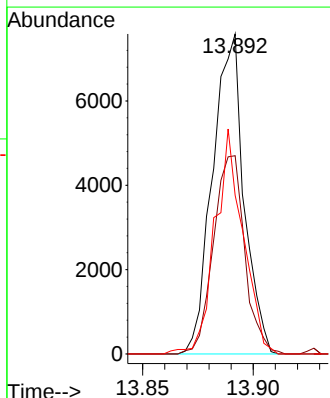
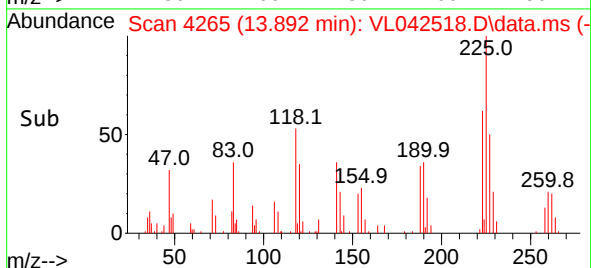
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

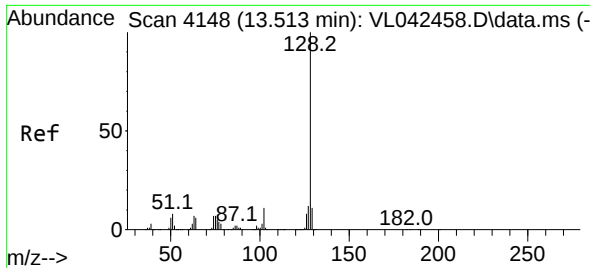


#78
Hexachloro-1,3-Butadiene
Concen: 0.512 ppbv
RT: 13.892 min Scan# 4265
Delta R.T. 0.013 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02



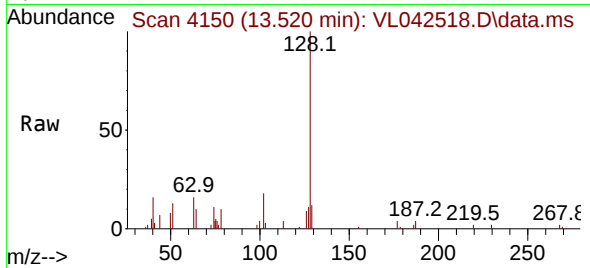
Tgt Ion:225 Resp: 7506
Ion Ratio Lower Upper
225 100
223 62.0 50.2 75.4
227 62.6 51.2 76.8





#79
Naphthalene
Concen: 0.189 ppbv m
RT: 13.520 min Scan# 4148
Delta R.T. 0.007 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

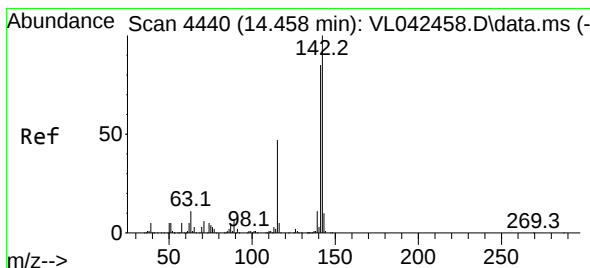
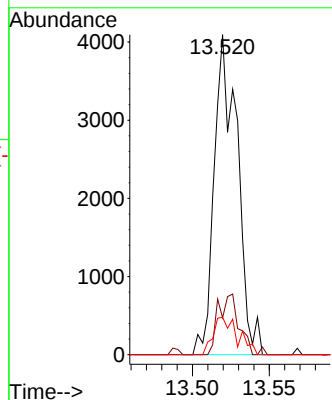
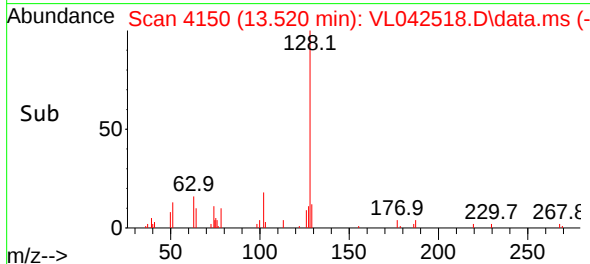
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40



Tgt Ion:128 Resp: 4270
Ion Ratio Lower Upper
128 100
127 11.5 9.7 14.5
129 11.7 8.6 13.0

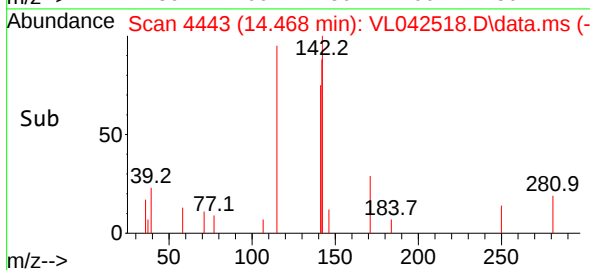
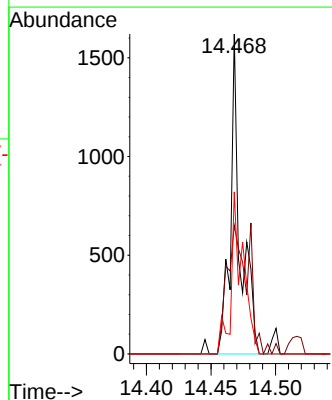
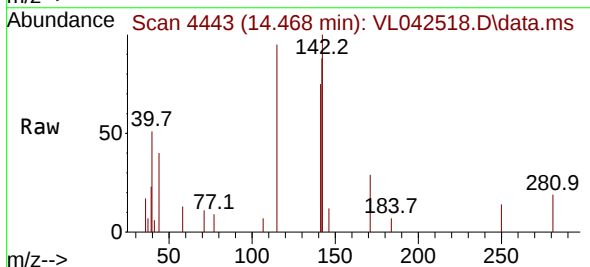
Manual Integrations
APPROVED

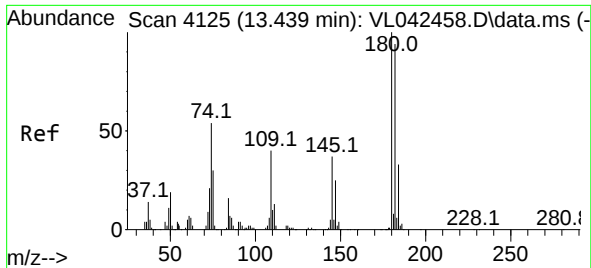
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#80
Naphthalene,2-methyl-
Concen: 0.054 ppbv
RT: 14.468 min Scan# 4443
Delta R.T. 0.010 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

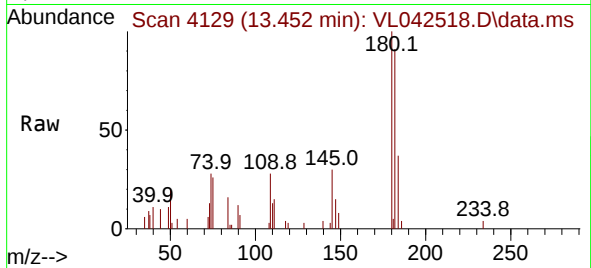
Tgt Ion:142 Resp: 914
Ion Ratio Lower Upper
142 100
141 82.5 67.4 101.0
115 58.1 36.9 55.3#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.208 ppbv
 RT: 13.452 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VL042518.D
 Acq: 07 May 2025 15:02

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.40



Tgt Ion:	180	Resp:	251
Ion	Ratio	Lower	Upper
180	100		
182	102.8	74.6	111.8
184	33.2	24.9	37.3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025

