

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052925\
 Data File : VL042585.D
 Acq On : 29 May 2025 14:24
 Operator : SY/MD
 Sample : VSTDICC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC015

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/30/2025
 Supervised By : Mahesh Dadoda 05/30/2025

Quant Time: May 30 01:21:33 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M

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

QLast Update : Fri May 30 01:15:52 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	103906	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	301797	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	274912	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.380 95 207170 10.053 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	171529	13.432	ppbv	98
3) Chlorodifluoromethane	1.476	51	221334	12.584	ppbv	99
4) Chloromethane	1.534	50	67662	13.380	ppbv	99
5) Vinyl Chloride	1.580	62	63738	12.373	ppbv	98
6) Bromomethane	1.667	94	31141	12.420	ppbv	100
7) Chloroethane	1.706	64	25591	12.785	ppbv	100
8) Dichlorotetrafluoroethane	1.554	85	140345	13.189	ppbv	99
9) Propene	1.483	41	93357	13.181	ppbv	97
10) Heptane	4.988	43	263111	13.165	ppbv	100
11) Trichlorofluoromethane	1.877	101	162591	13.684	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.140	101	127489	13.664	ppbv	99
13) Ethanol	1.722	45	7390m	9.346	ppbv	
14) Bromoethene	1.784	108	47382	13.501	ppbv	99
15) Acetone	1.835	43	141460	11.302	ppbv	98
16) 1,3-Butadiene	1.609	39	74743	12.607	ppbv	100
17) tert-Butyl alcohol	2.042	59	169533	13.002	ppbv	100
18) 1,1-Dichloroethene	2.036	96	56808	13.085	ppbv	99
19) Isopropyl Alcohol	1.887	45	92408	12.351	ppbv	98
20) Methylene Chloride	2.062	84	48862	11.830	ppbv	97
21) Allyl Chloride	2.097	41	116771	13.223	ppbv	100
22) trans-1,2-Dichloroethene	2.343	96	65132	13.441	ppbv	97
23) Vinyl Acetate	2.466	43	246907	14.594	ppbv	99
24) 1,1-Dichloroethane	2.411	63	129870	13.067	ppbv	99
25) Ethyl Acetate	2.839	43	457327	13.352	ppbv	99
26) Hexane	2.829	57	200386	12.876	ppbv	99
27) Carbon Disulfide	2.152	76	162143	13.571	ppbv	96
28) Methyl tert-Butyl Ether	2.441	73	79625	12.608	ppbv	100
29) Chloroform	2.852	83	269752	13.328	ppbv	98
30) Cyclohexane	3.861	84	170261	13.196	ppbv	99
31) cis-1,2-Dichloroethene	2.722	61	192562	13.526	ppbv	98
32) 1,1,1-Trichloroethane	3.373	97	276026	13.591	ppbv	99
34) 2-Butanone	2.560	43	294628	13.689	ppbv	99
35) Carbon Tetrachloride	3.768	117	277042	13.903	ppbv	98
36) Benzene	3.661	78	404641	13.615	ppbv	99
37) 1,2-Dichloroethane	3.221	62	208081	14.088	ppbv	100
38) Trichloroethene	4.551	130	168824	13.263	ppbv	91
39) 1,2-Dichloropropane	4.318	63	149476	13.606	ppbv	98
40) 1,4-Dioxane	4.590	88	65543	14.035	ppbv #	98
41) Tetrahydrofuran	3.056	42	173023	13.734	ppbv	99
42) Bromodichloromethane	4.493	83	298835	14.245	ppbv	96
43) Methyl Methacrylate	4.887	69	161641	14.033	ppbv	99
44) 2,2,4-Trimethylpentane	4.645	57	676574	13.319	ppbv	99
45) t-1,3-Dichloropropene	6.422	75	189257	14.338	ppbv	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052925\
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/30/2025
 Supervised By : Mahesh Dadoda 05/30/2025

Quant Time: May 30 01:21:33 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M

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

QLast Update : Fri May 30 01:15:52 2025

Response via : Initial Calibration

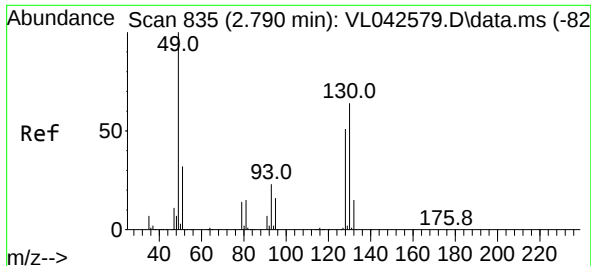
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.606	75	236653	14.313	ppbv	94
47) 1,1,2-Trichloroethane	6.590	97	153862	13.524	ppbv	93
48) Dibromochloromethane	7.393	129	258374	14.187	ppbv	100
49) Bromoform	9.490	173	226719	14.427	ppbv	100
50) 4-Methyl-2-Pentanone	5.758	43	416119	13.882	ppbv	100
51) 2-Hexanone	7.441	43	339220	14.328	ppbv	98
52) Tetrachloroethene	8.231	164	145485	13.098	ppbv	99
53) Toluene	6.939	91	470632	13.702	ppbv	100
54) 1,2-Dibromoethane	7.661	107	232051	13.758	ppbv	97
56) 1,1,1,2-Tetrachloroethane	8.930	131	191145	13.828	ppbv	99
57) Chlorobenzene	8.930	112	356655	13.361	ppbv	98
58) Ethyl Benzene	9.361	91	637083	13.662	ppbv	99
59) m/p-Xylene	9.561	91	996602m	27.151	ppbv	
60) o-Xylene	9.969	91	490036	13.389	ppbv	98
61) Styrene	9.875	104	245714	14.199	ppbv	100
62) Isopropylbenzene	10.545	105	722166	13.356	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.969	83	299633	12.875	ppbv	99
64) n-propylbenzene	10.995	120	195952	13.519	ppbv	97
65) tert-Butylbenzene	11.536	119	634159	12.924	ppbv	99
66) Benzyl Chloride	11.620	91	90617	14.320	ppbv	99
67) sec-Butylbenzene	11.772	105	892638	12.939	ppbv	100
69) p-Isopropyltoluene	11.930	119	763150	13.210	ppbv	100
70) n-Butylbenzene	12.286	91	764173	13.401	ppbv	99
71) 2-Chlorotoluene	10.908	91	552265	13.390	ppbv	100
72) 4-Ethyltoluene	11.131	105	616187	13.504	ppbv	100
73) 1,3,5-Trimethylbenzene	11.209	105	509801	13.498	ppbv	99
74) 1,2,4-Trimethylbenzene	11.542	105	538704	12.854	ppbv	97
75) 1,3-Dichlorobenzene	11.613	146	347478	13.203	ppbv	100
76) 1,4-Dichlorobenzene	11.675	146	350757	13.363	ppbv	99
77) 1,2-Dichlorobenzene	11.953	146	326960	12.800	ppbv	100
78) Hexachloro-1,3-Butadiene	13.885	225	244375	11.563	ppbv	98
79) Naphthalene	13.516	128	563437	14.318	ppbv	98
80) Naphthalene,2-methyl-	14.458	142	306586	17.196	ppbv	99
81) 1,2,4-Trichlorobenzene	13.445	180	299869	13.598	ppbv	99

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

Manual Integrations APPROVED

Quant Time: May 30 01:21:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Fri May 30 01:15:52 2025
Response via : Initial Calibration





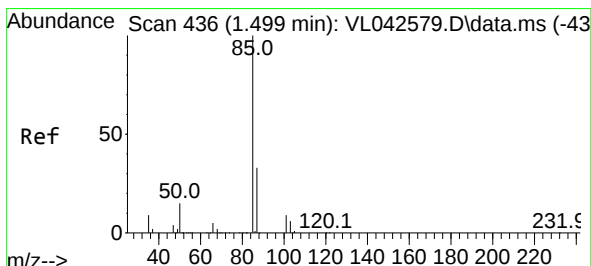
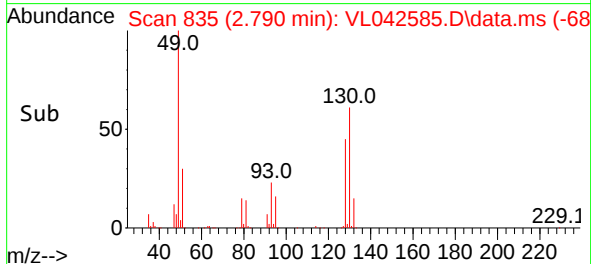
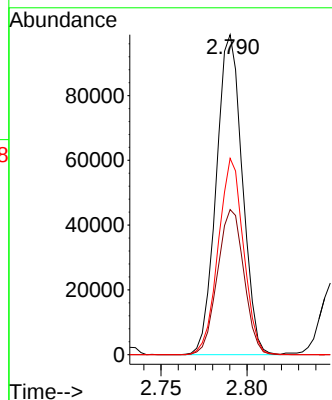
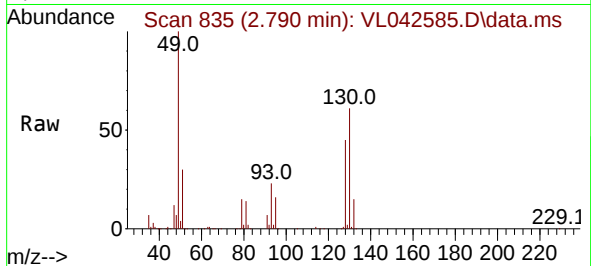
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 835
Delta R.T. 0.000 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 49 Resp: 103900
Ion Ratio Lower Upper
49 100
128 46.1 24.2 72.6
130 59.5 30.4 91.2

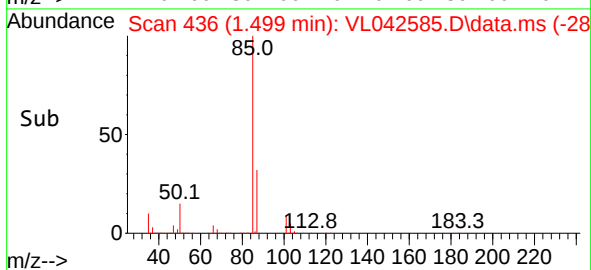
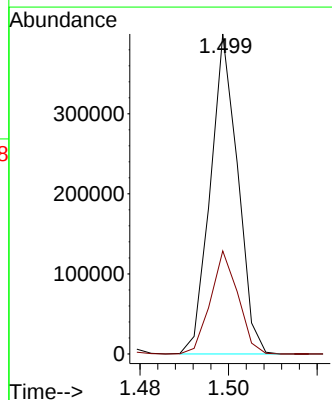
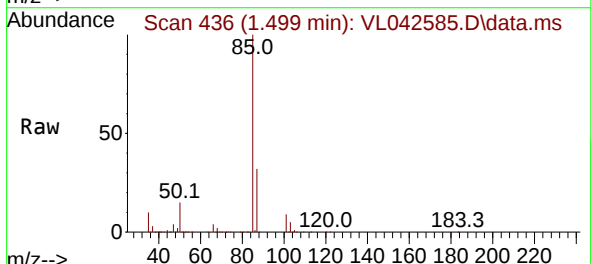
Manual Integrations
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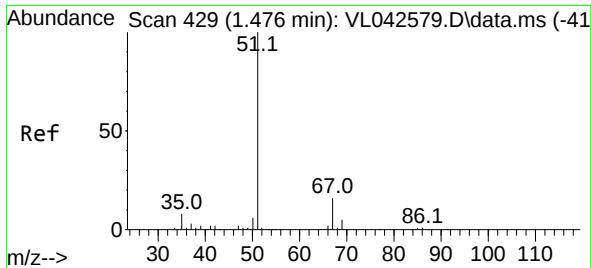
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#2
Dichlorodifluoromethane
Concen: 13.432 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24

Tgt Ion: 85 Resp: 171529
Ion Ratio Lower Upper
85 100
87 32.2 26.6 39.8





#3

Chlorodifluoromethane

Concen: 12.584 ppbv

RT: 1.476 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL042585.D

Acq: 29 May 2025 14:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 51 Resp: 221334

Ion Ratio Lower Upper

51 100

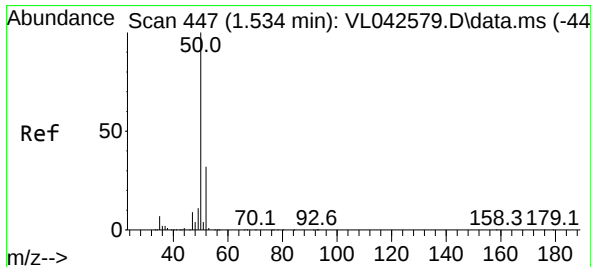
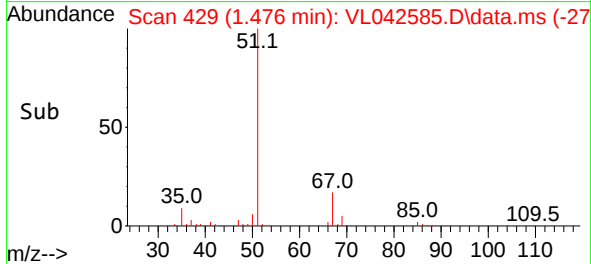
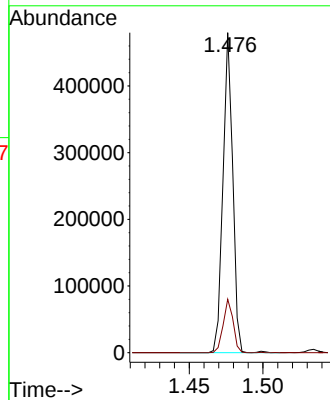
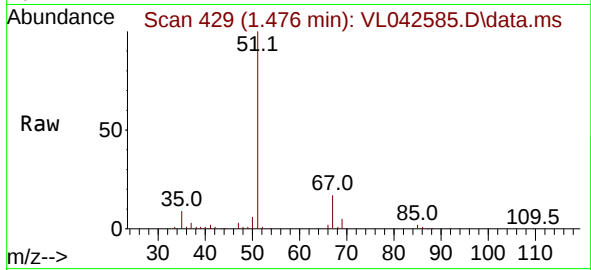
67 17.1 13.4 20.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#4

Chloromethane

Concen: 13.380 ppbv

RT: 1.534 min Scan# 447

Delta R.T. -0.000 min

Lab File: VL042585.D

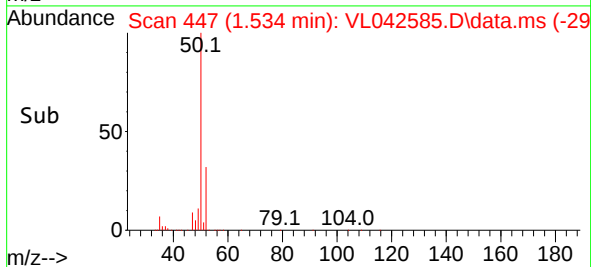
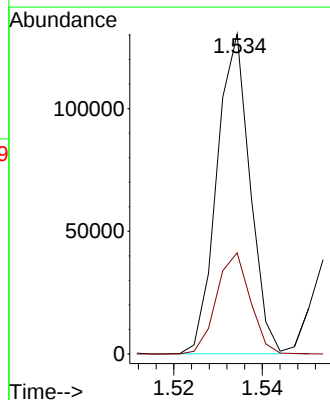
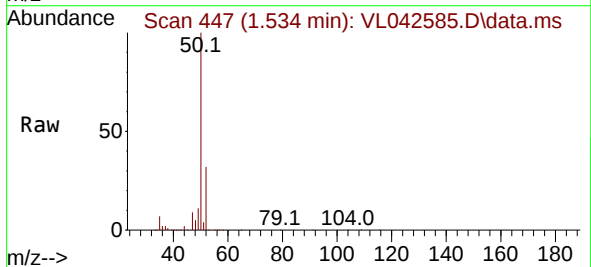
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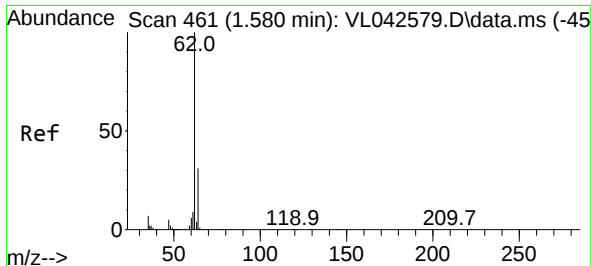
Tgt Ion: 50 Resp: 67662

Ion Ratio Lower Upper

50 100

52 31.7 25.8 38.6





#5
 Vinyl Chloride
 Concen: 12.373 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL042585.D
 Acq: 29 May 2025 14:24

Instrument :

MSVOA_L

ClientSampleId :

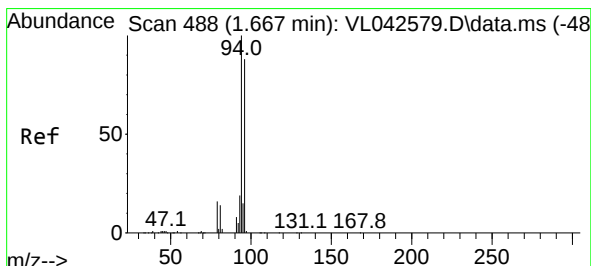
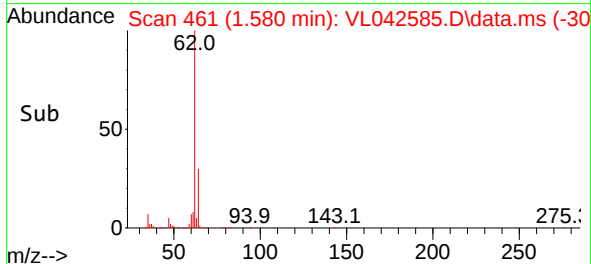
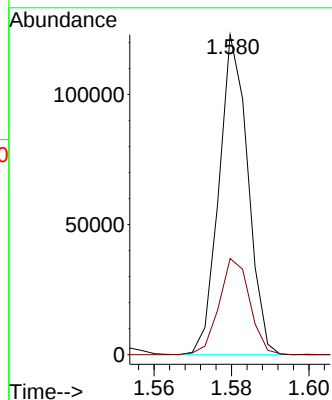
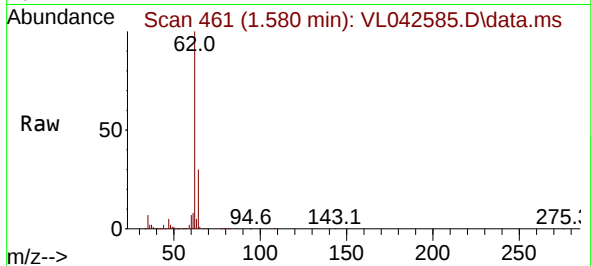
VSTDIC015

Tgt Ion: 62 Resp: 63738
 Ion Ratio Lower Upper
 62 100
 64 30.0 24.9 37.3

Manual Integrations

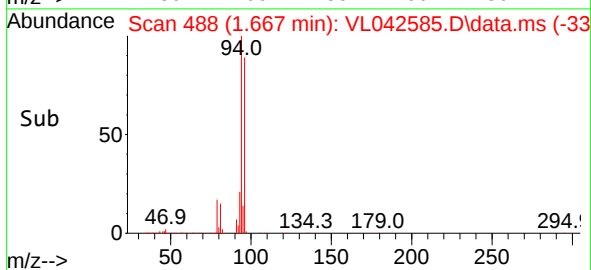
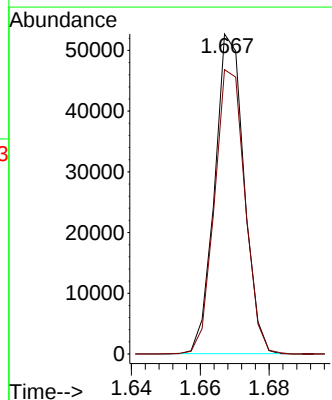
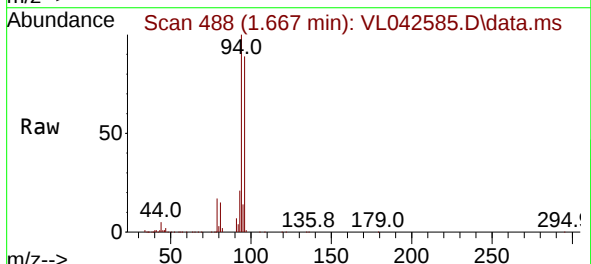
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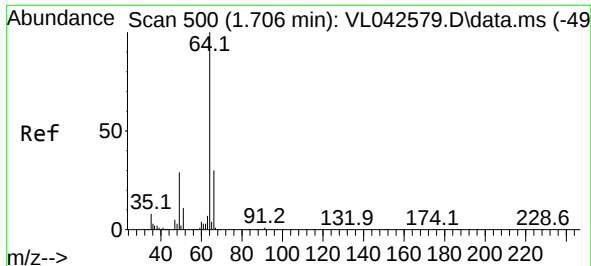
Reviewed By :Semsettin Yesilyurt 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#6
 Bromomethane
 Concen: 12.420 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.000 min
 Lab File: VL042585.D
 Acq: 29 May 2025 14:24

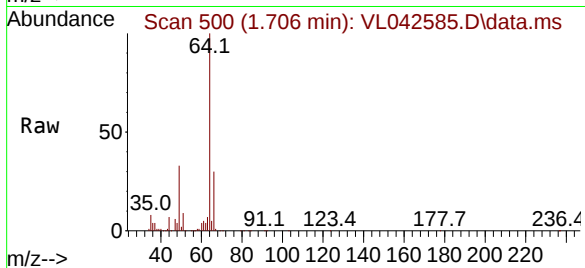
Tgt Ion: 94 Resp: 31141
 Ion Ratio Lower Upper
 94 100
 96 88.7 70.7 106.1





#7
Chloroethane
Concen: 12.785 ppbv
RT: 1.706 min Scan# 500
Delta R.T. -0.000 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24

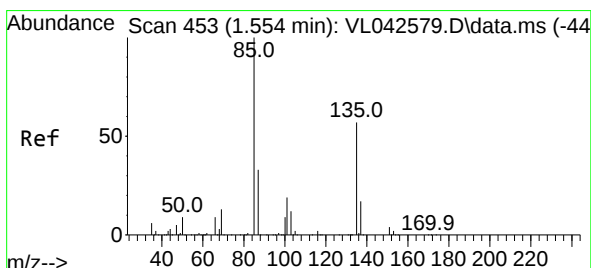
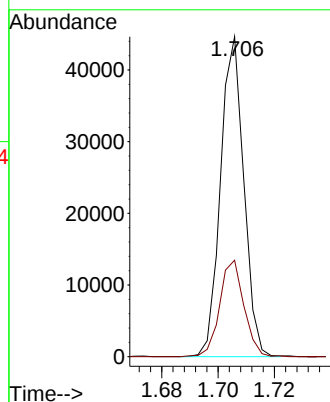
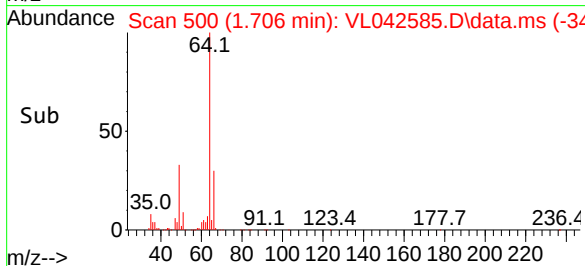
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 64 Resp: 2559
Ion Ratio Lower Upper
64 100
66 30.2 24.3 36.5

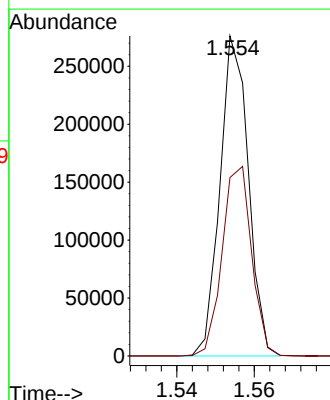
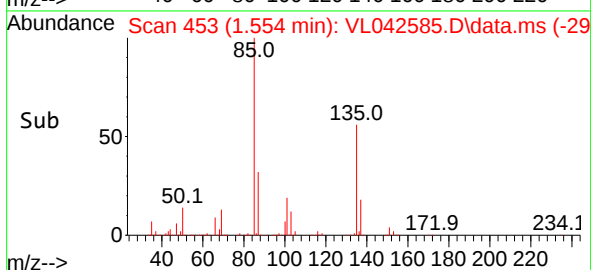
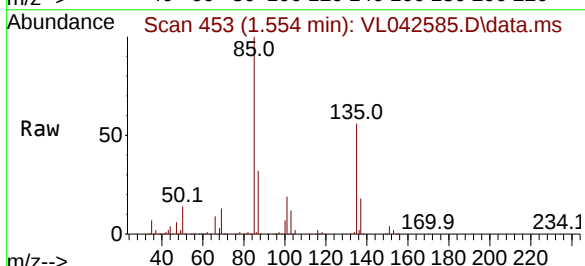
Manual Integrations
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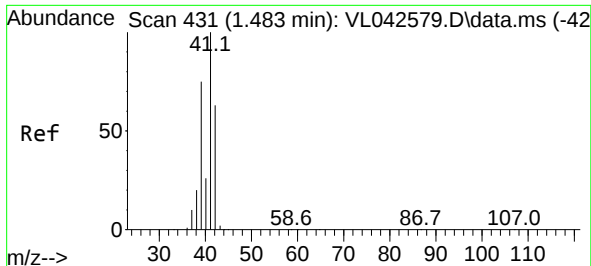
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#8
Dichlorotetrafluoroethane
Concen: 13.189 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24

Tgt Ion: 85 Resp: 140345
Ion Ratio Lower Upper
85 100
135 61.7 50.2 75.4





#9

Propene

Concen: 13.181 ppbv

RT: 1.483 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL042585.D

Acq: 29 May 2025 14:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion: 41 Resp: 9335

Ion Ratio Lower Upper

41 100

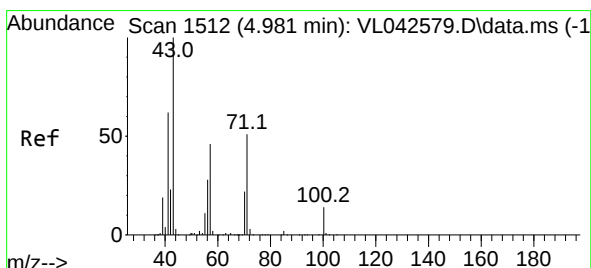
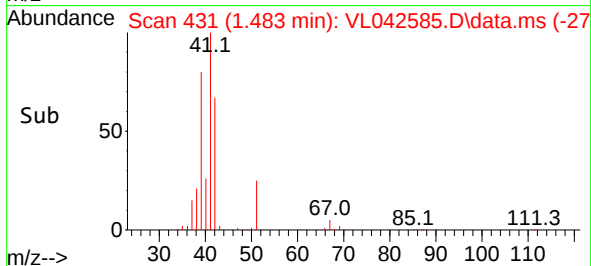
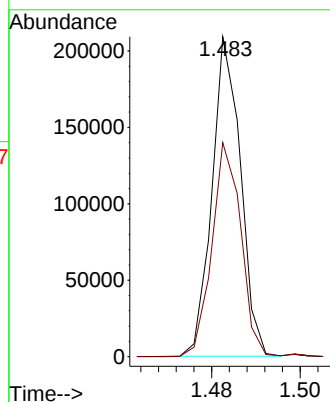
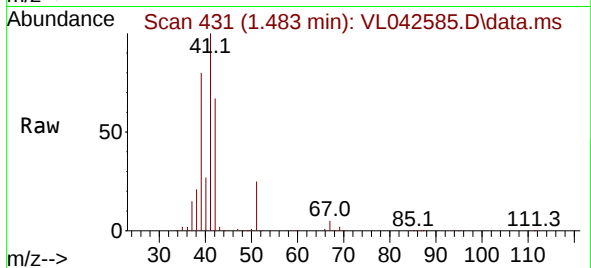
42 68.6 53.3 79.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#10

Heptane

Concen: 13.165 ppbv

RT: 4.988 min Scan# 1514

Delta R.T. 0.006 min

Lab File: VL042585.D

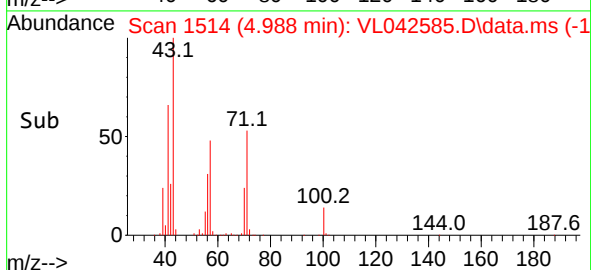
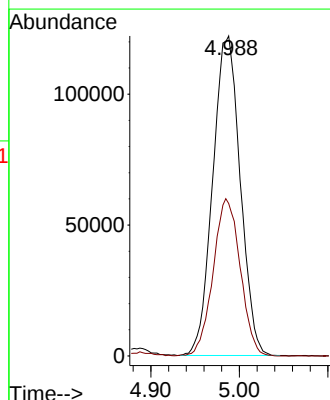
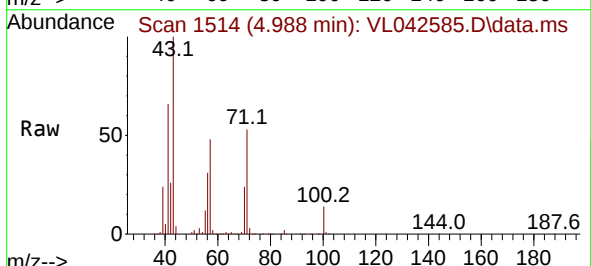
Acq: 29 May 2025 14:24

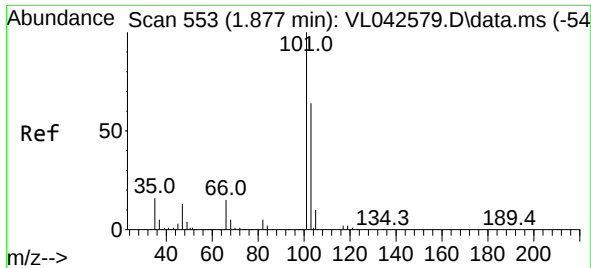
Tgt Ion: 43 Resp: 263111

Ion Ratio Lower Upper

43 100

57 48.6 38.9 58.3





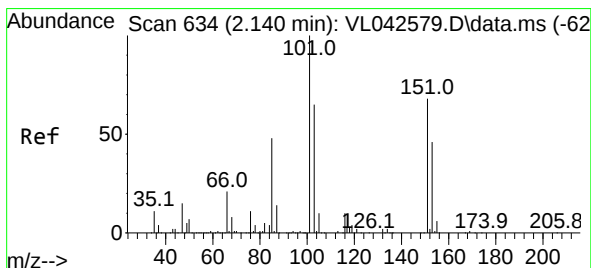
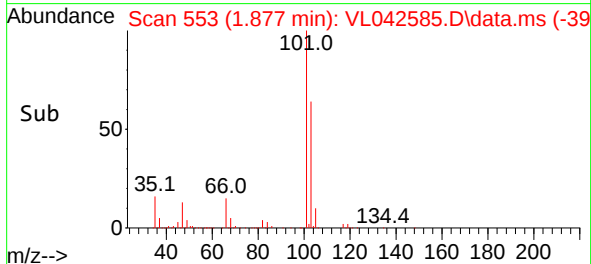
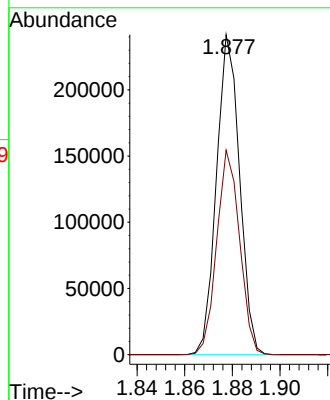
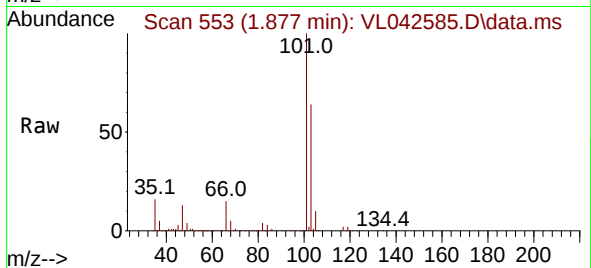
#11
 Trichlorofluoromethane
 Concen: 13.684 ppbv
 RT: 1.877 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VL042585.D
 Acq: 29 May 2025 14:24

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion:101 Resp: 16259
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.5 77.3

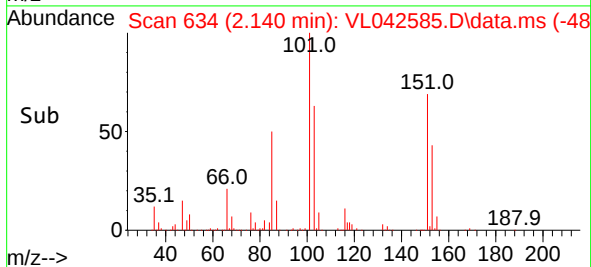
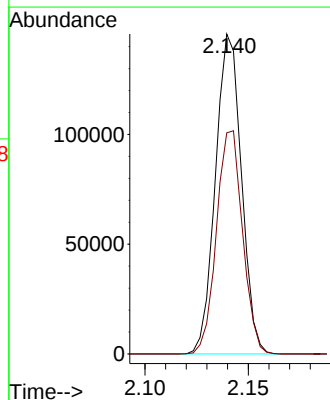
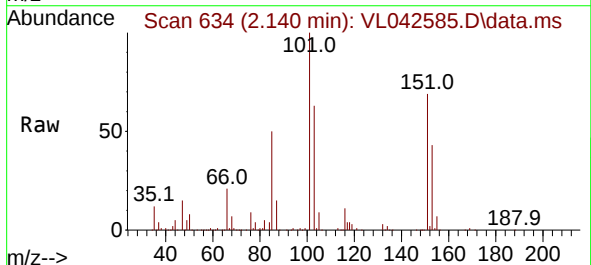
Manual Integrations
 APPROVED

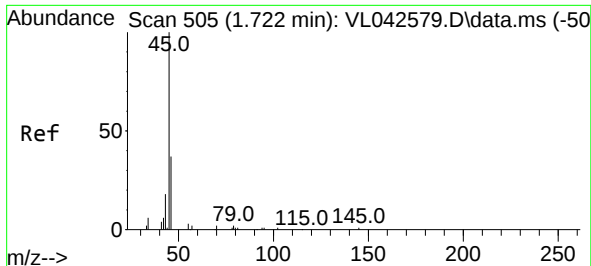
Reviewed By :Semsettin Yesilyurt 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 13.664 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. -0.000 min
 Lab File: VL042585.D
 Acq: 29 May 2025 14:24

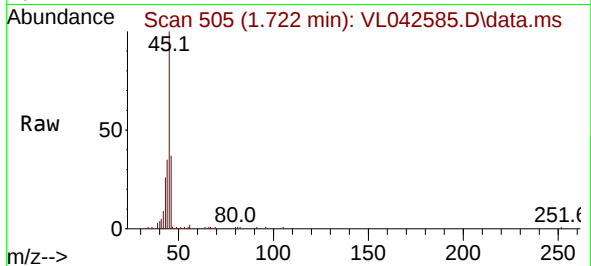
Tgt Ion:101 Resp: 127489
 Ion Ratio Lower Upper
 101 100
 151 70.0 55.3 82.9





#13
Ethanol
Concen: 9.346 ppbv m
RT: 1.722 min Scan# 505
Delta R.T. -0.000 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24

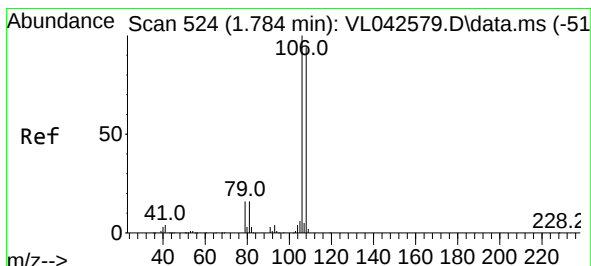
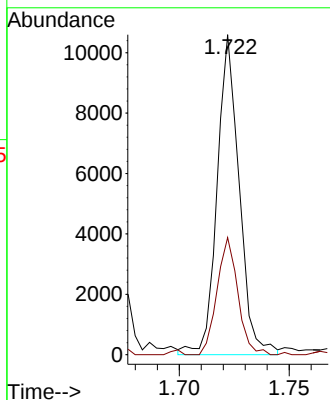
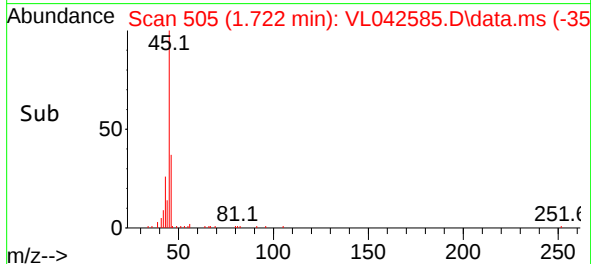
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



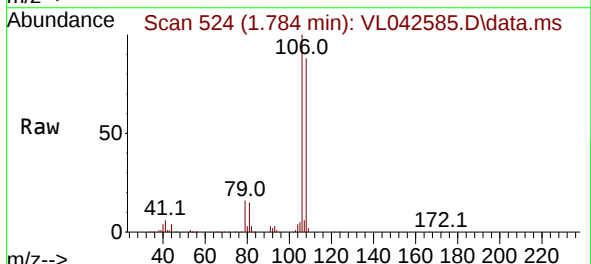
Tgt Ion: 45 Resp: 7390
Ion Ratio Lower Upper
45 100
46 35.3 14.5 58.1

Manual Integrations
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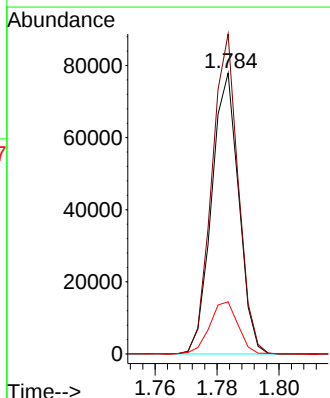
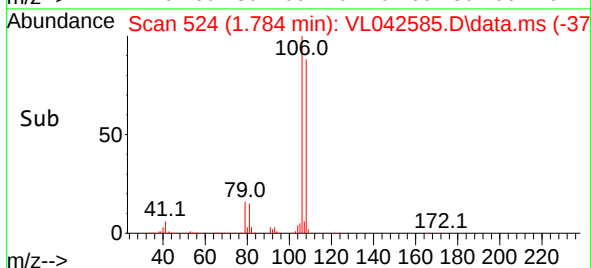
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#14
Bromoethene
Concen: 13.501 ppbv
RT: 1.784 min Scan# 524
Delta R.T. -0.000 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24



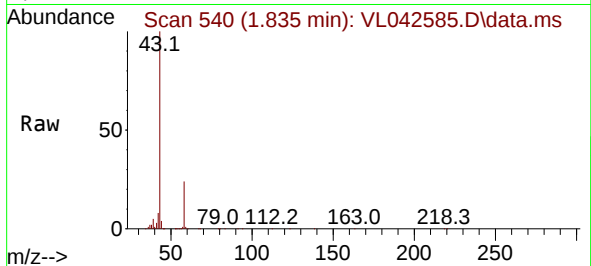
Tgt Ion:108 Resp: 47382
Ion Ratio Lower Upper
108 100
106 110.7 87.9 131.9
79 19.8 15.6 23.4





#15
Acetone
Concen: 11.302 ppbv
RT: 1.835 min Scan# 540
Delta R.T. -0.000 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24

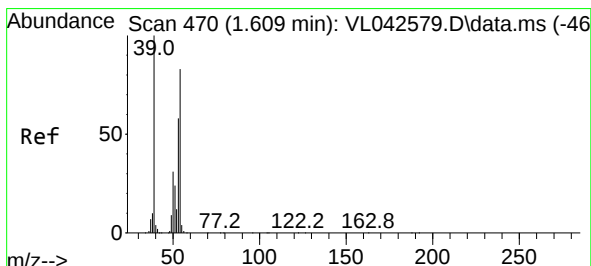
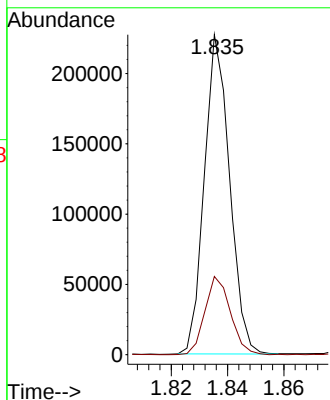
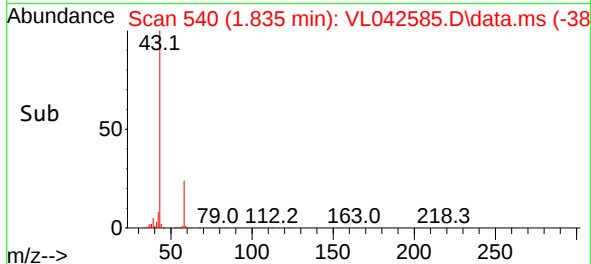
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 43 Resp: 141460
Ion Ratio Lower Upper
43 100
58 25.0 21.0 31.4

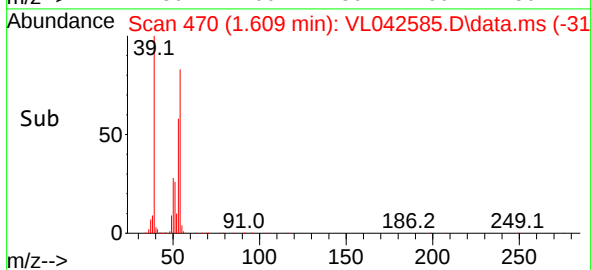
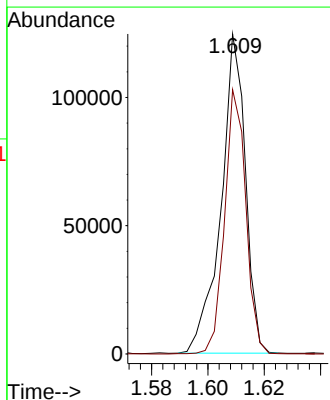
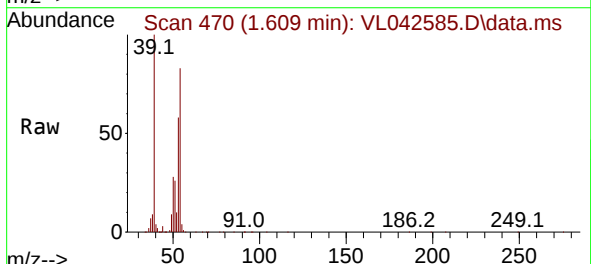
Manual Integrations
APPROVED

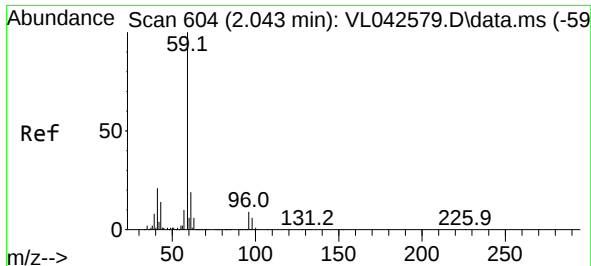
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#16
1,3-Butadiene
Concen: 12.607 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.000 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24

Tgt Ion: 39 Resp: 74743
Ion Ratio Lower Upper
39 100
54 72.1 57.9 86.9





#17

tert-Butyl alcohol

Concen: 13.002 ppbv

RT: 2.042 min Scan# 604

Delta R.T. -0.000 min

Lab File: VL042585.D

Acq: 29 May 2025 14:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 59 Resp: 16953

Ion Ratio Lower Upper

59 100

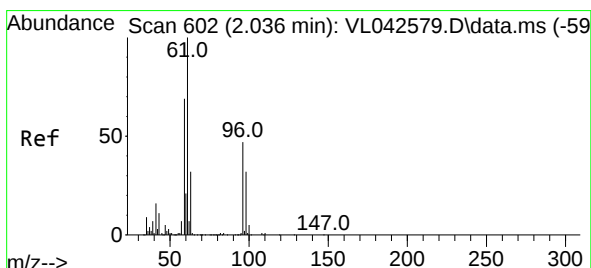
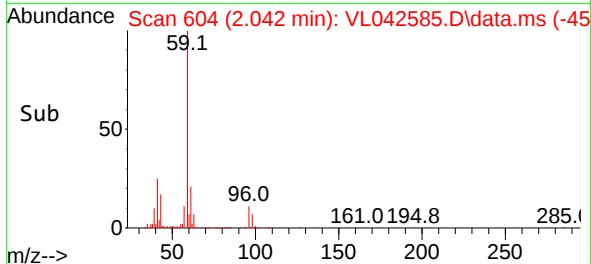
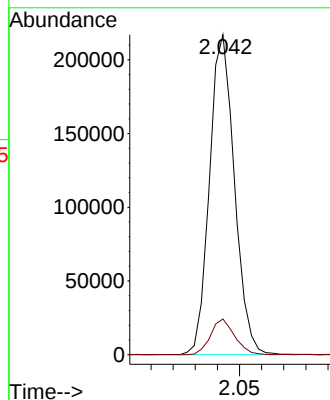
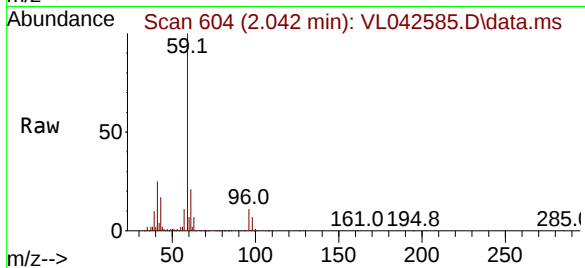
57 10.8 8.6 12.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#18

1,1-Dichloroethene

Concen: 13.085 ppbv

RT: 2.036 min Scan# 602

Delta R.T. -0.000 min

Lab File: VL042585.D

Acq: 29 May 2025 14:24

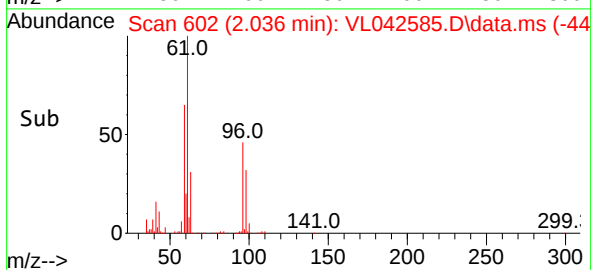
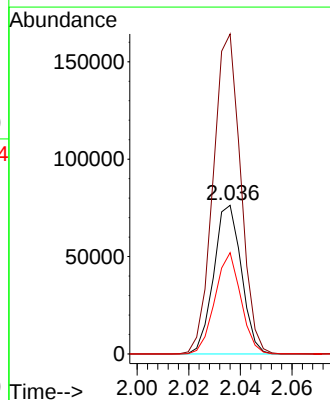
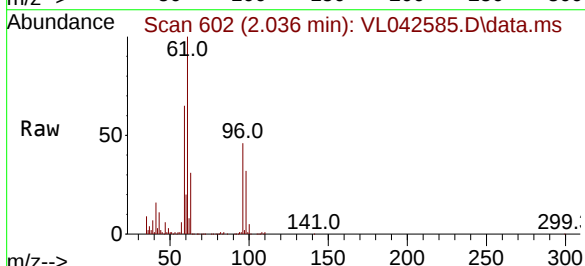
Tgt Ion: 96 Resp: 56808

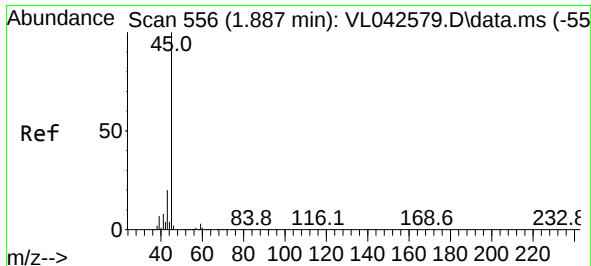
Ion Ratio Lower Upper

96 100

61 215.1 171.1 256.7

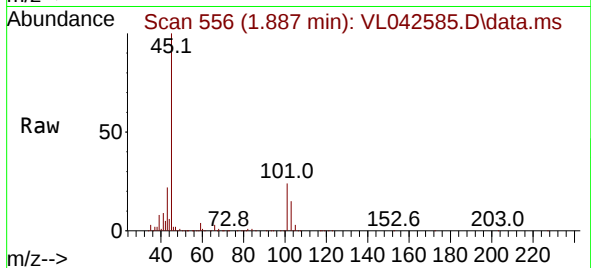
98 68.1 54.4 81.6





#19
Isopropyl Alcohol
Concen: 12.351 ppbv
RT: 1.887 min Scan# 556
Delta R.T. -0.000 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24

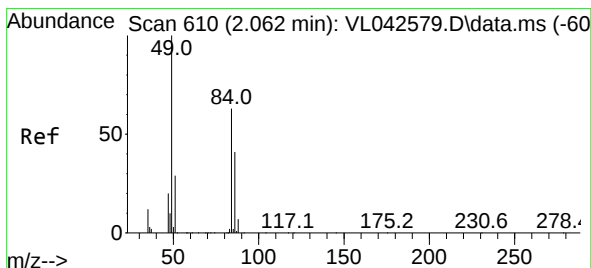
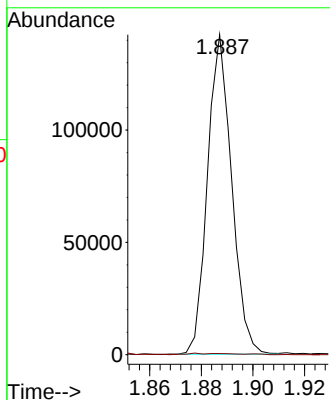
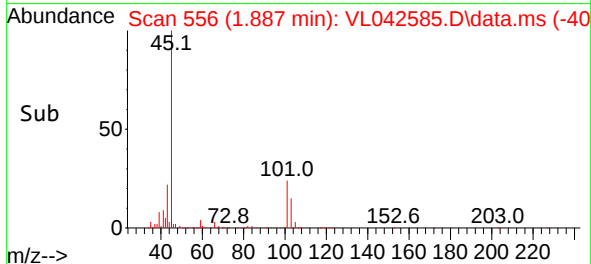
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



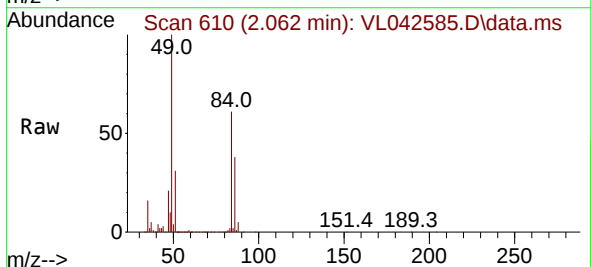
Tgt Ion: 45 Resp: 92408
Ion Ratio Lower Upper
45 100
58 38.2 29.4 44.2

Manual Integrations
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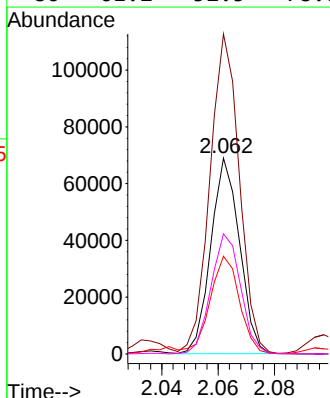
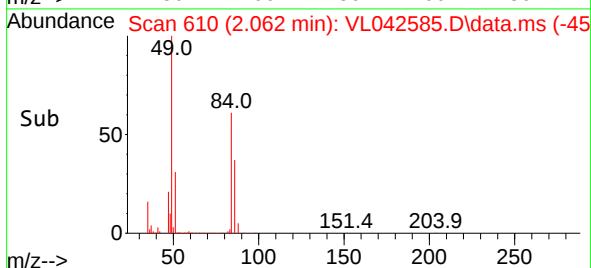
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

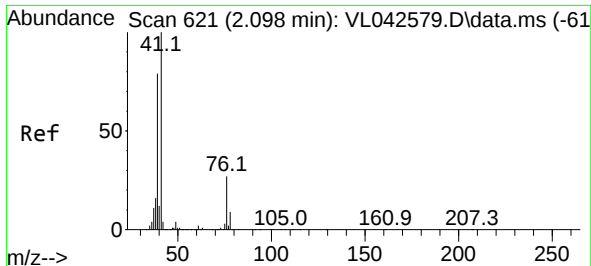


#20
Methylene Chloride
Concen: 11.830 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.000 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24



Tgt Ion: 84 Resp: 48862
Ion Ratio Lower Upper
84 100
49 163.3 128.8 193.2
51 49.6 38.6 57.8
86 61.2 52.5 78.7





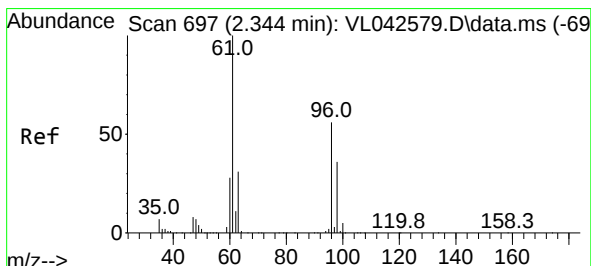
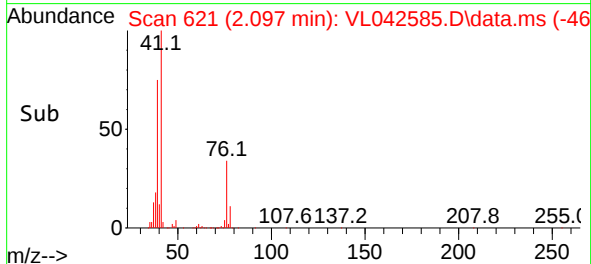
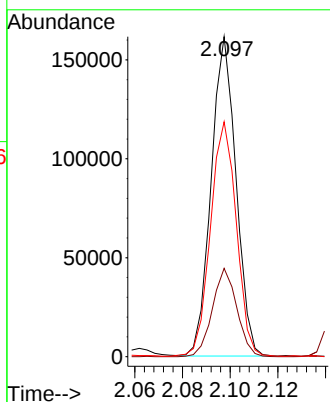
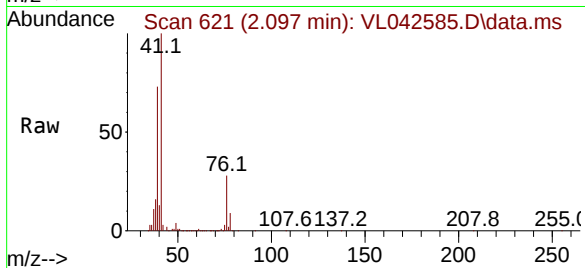
#21
 Allyl Chloride
 Concen: 13.223 ppbv
 RT: 2.097 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL042585.D
 Acq: 29 May 2025 14:24

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC015

Tgt Ion: 41 Resp: 11677
 Ion Ratio Lower Upper
 41 100
 76 27.2 21.2 31.8
 39 76.1 60.9 91.3

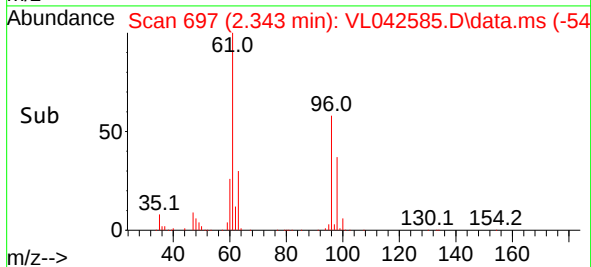
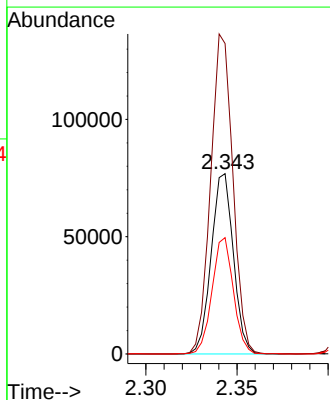
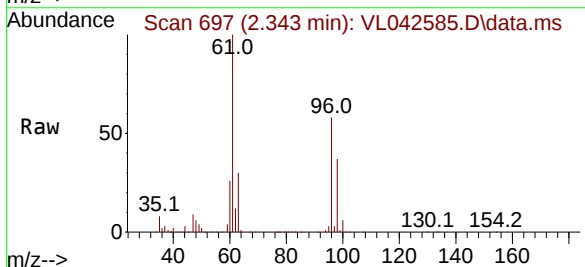
Manual Integrations
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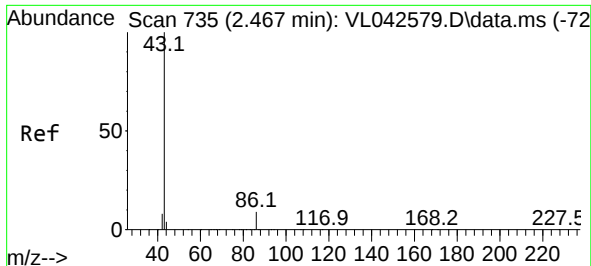
Reviewed By :Semsettin Yesilyurt 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#22
 trans-1,2-Dichloroethene
 Concen: 13.441 ppbv
 RT: 2.343 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VL042585.D
 Acq: 29 May 2025 14:24

Tgt Ion: 96 Resp: 65132
 Ion Ratio Lower Upper
 96 100
 61 172.1 142.6 214.0
 98 64.3 51.0 76.4





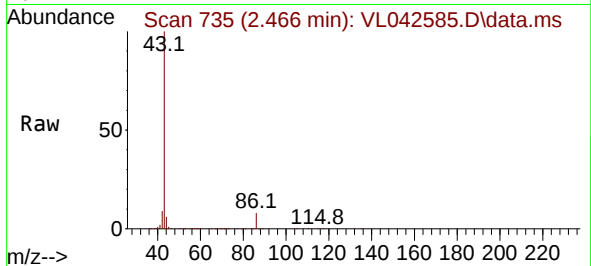
#23
 Vinyl Acetate
 Concen: 14.594 ppbv
 RT: 2.466 min Scan# 718
 Delta R.T. -0.000 min
 Lab File: VL042585.D
 Acq: 29 May 2025 14:24

Instrument :

MSVOA_L

ClientSampleId :

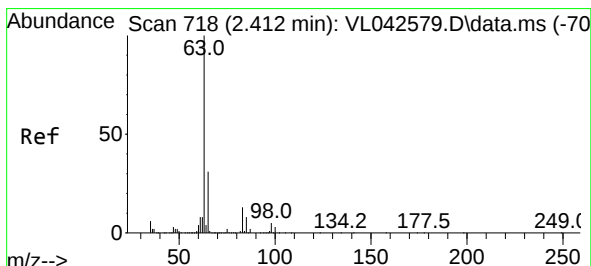
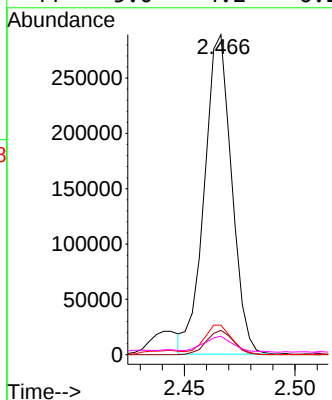
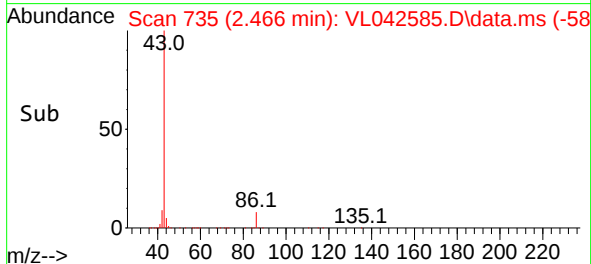
VSTDICC015



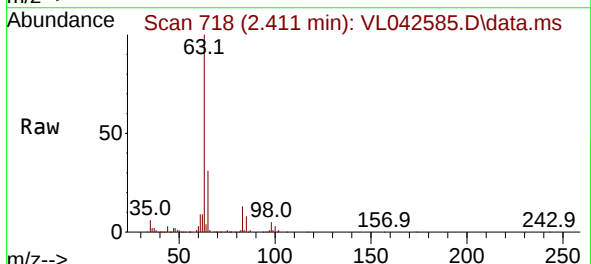
Tgt Ion:	43	Resp:	24690
Ion	Ratio	Lower	Upper
43	100		
86	7.6	6.6	9.8
42	9.2	7.0	10.4
44	5.0	4.2	6.2

Manual Integrations
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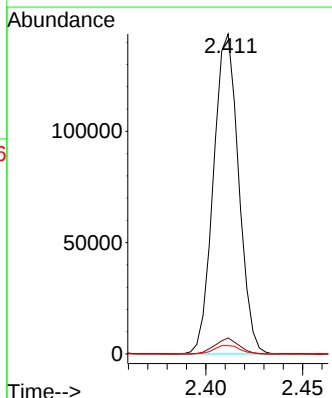
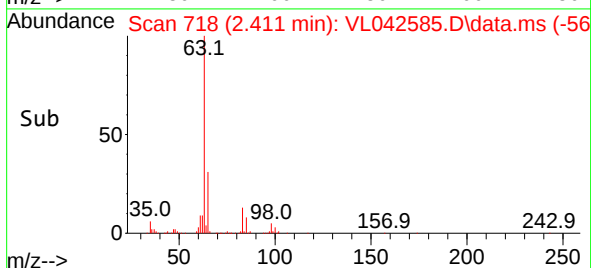
Reviewed By :Semsettin Yesilyurt 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025

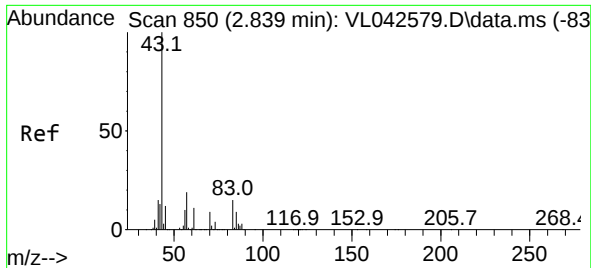


#24
 1,1-Dichloroethane
 Concen: 13.067 ppbv
 RT: 2.411 min Scan# 718
 Delta R.T. -0.000 min
 Lab File: VL042585.D
 Acq: 29 May 2025 14:24



Tgt Ion:	63	Resp:	129870
Ion	Ratio	Lower	Upper
63	100		
98	5.0	2.4	7.1
100	2.6	1.4	4.0





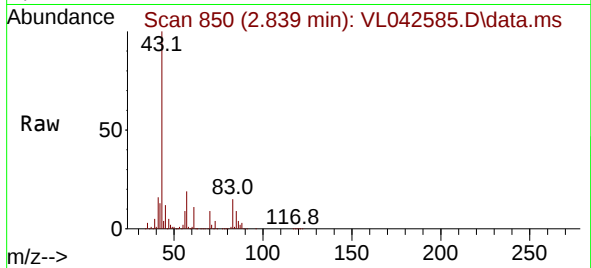
#25
Ethyl Acetate
Concen: 13.352 ppbv
RT: 2.839 min Scan# 850
Delta R.T. -0.000 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

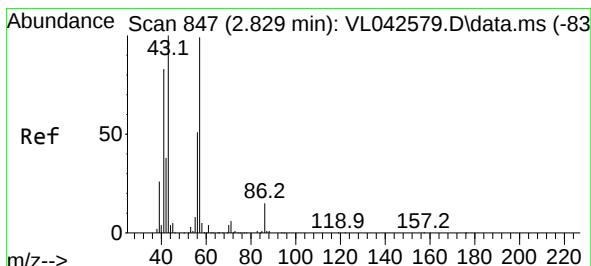
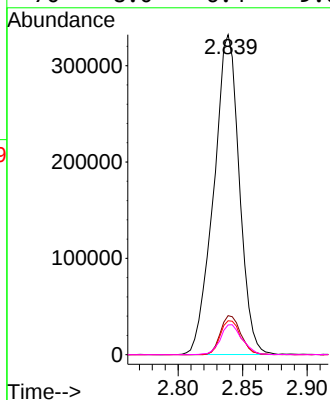
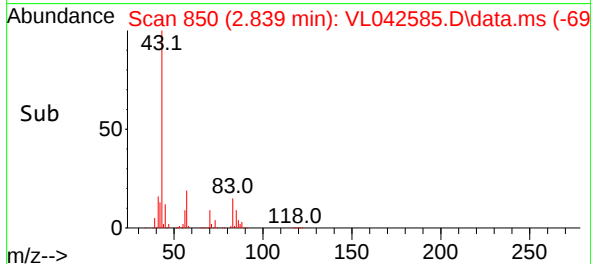


Tgt Ion:	43	Resp:	45732
Ion	Ratio	Lower	Upper
43	100		
45	9.8	8.2	12.2
61	8.7	7.1	10.7
70	8.0	6.4	9.6

Manual Integrations

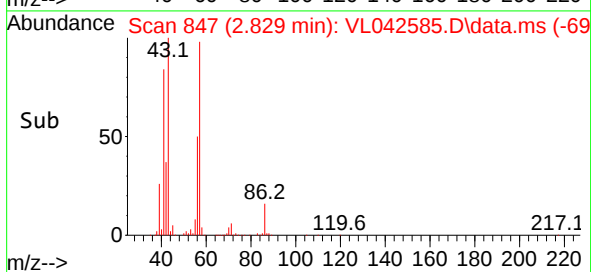
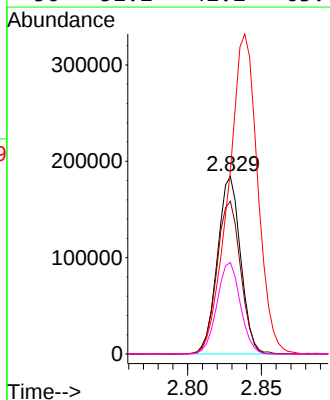
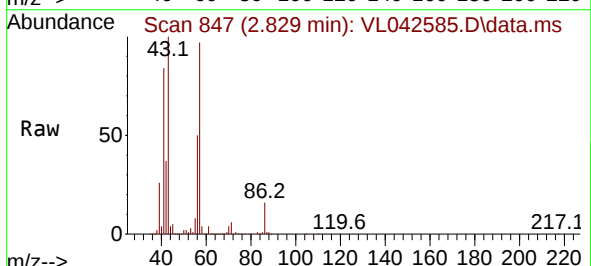
APPROVED

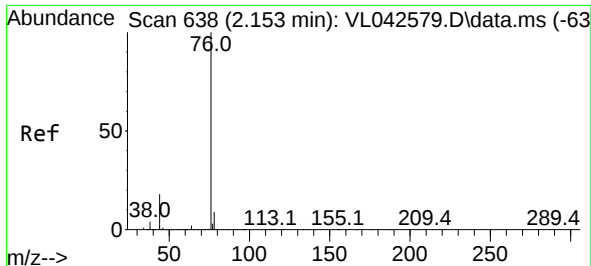
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#26
Hexane
Concen: 12.876 ppbv
RT: 2.829 min Scan# 847
Delta R.T. -0.000 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24

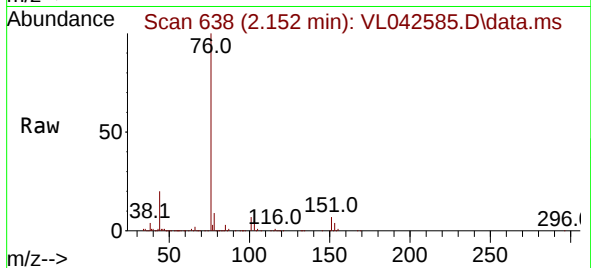
Tgt Ion:	57	Resp:	200386
Ion	Ratio	Lower	Upper
57	100		
41	89.6	70.6	106.0
43	229.1	181.1	271.7
56	52.2	42.2	63.4





#27
Carbon Disulfide
Concen: 13.571 ppbv
RT: 2.152 min Scan# 611
Delta R.T. -0.000 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24

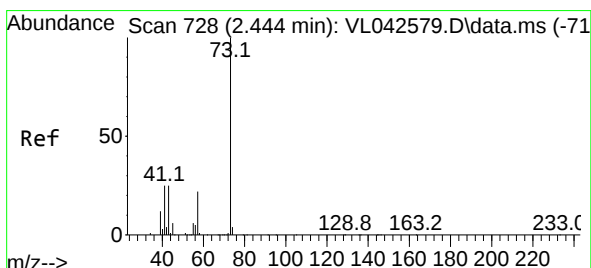
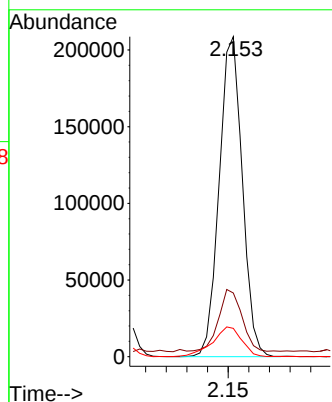
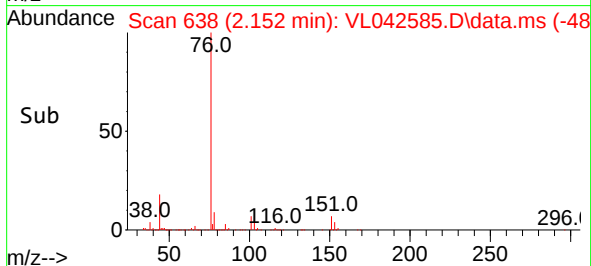
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 76 Resp: 16214
Ion Ratio Lower Upper
76 100
44 23.4 21.3 31.9
78 11.9 9.4 14.0

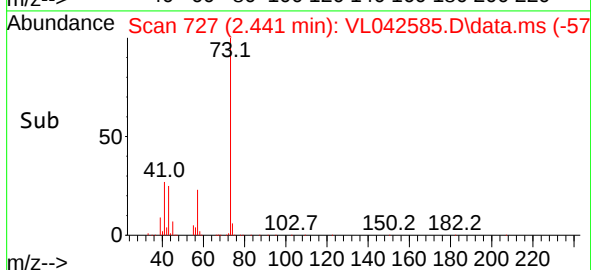
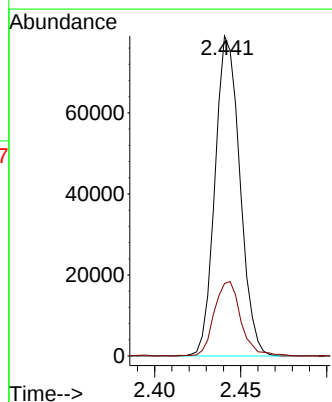
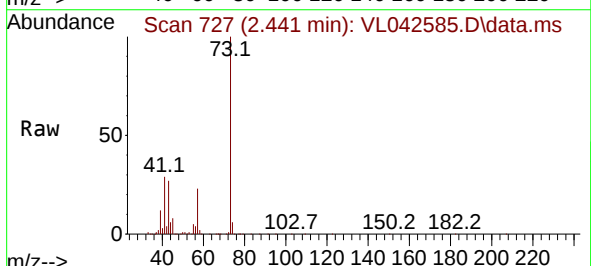
Manual Integrations
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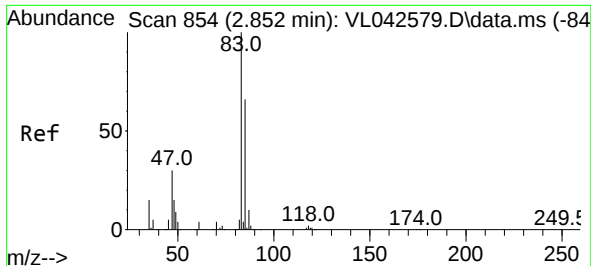
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#28
Methyl tert-Butyl Ether
Concen: 12.608 ppbv
RT: 2.441 min Scan# 727
Delta R.T. -0.003 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24

Tgt Ion: 73 Resp: 79625
Ion Ratio Lower Upper
73 100
57 24.8 19.9 29.9





#29

Chloroform

Concen: 13.328 ppbv

RT: 2.852 min Scan# 854

Delta R.T. -0.000 min

Lab File: VL042585.D

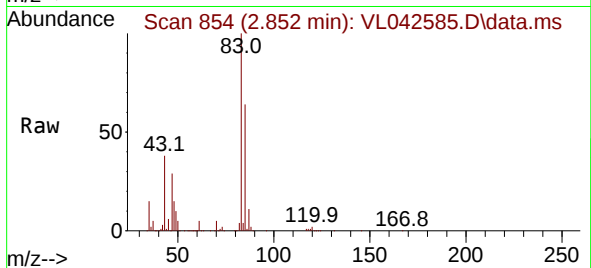
Acq: 29 May 2025 14:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

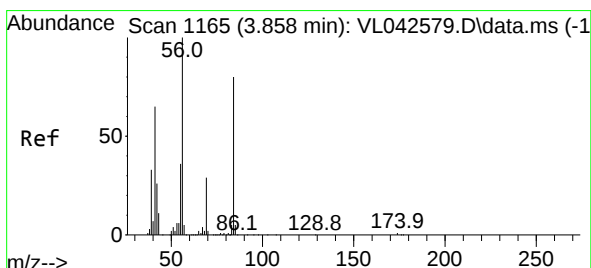
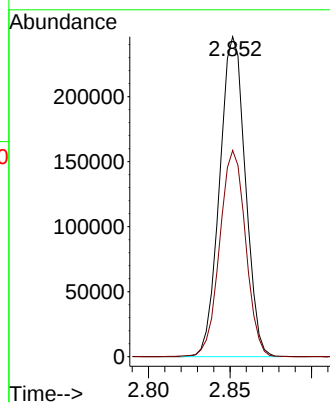
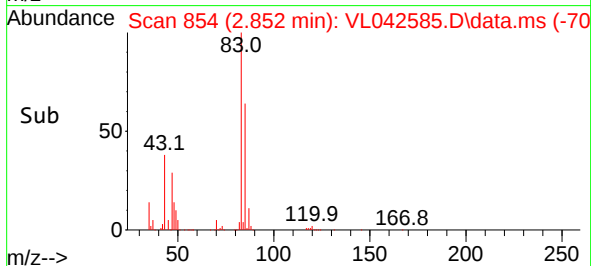


Tgt Ion: 83 Resp: 269752
 Ion Ratio Lower Upper
 83 100
 85 64.3 52.8 79.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#30

Cyclohexane

Concen: 13.196 ppbv

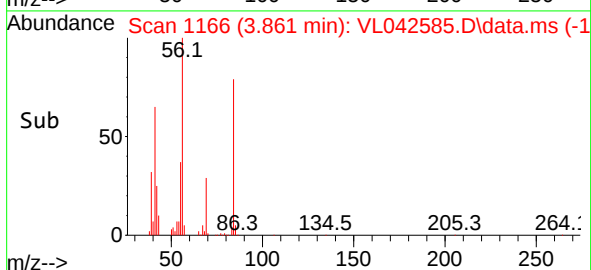
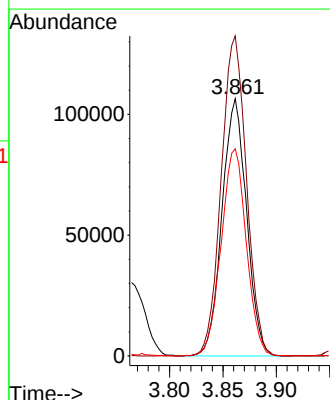
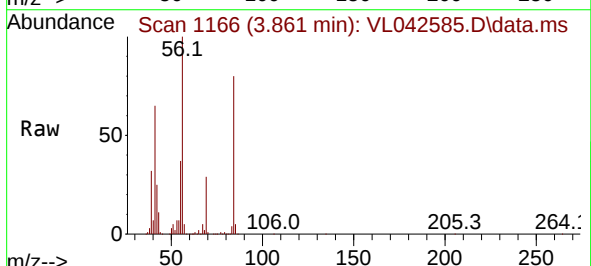
RT: 3.861 min Scan# 1166

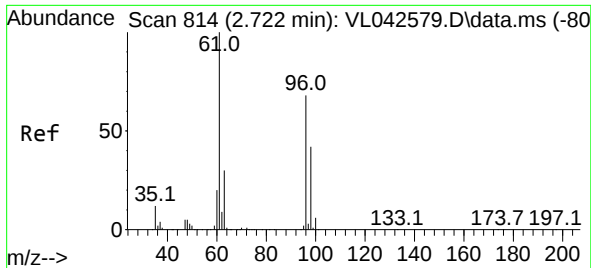
Delta R.T. 0.003 min

Lab File: VL042585.D

Acq: 29 May 2025 14:24

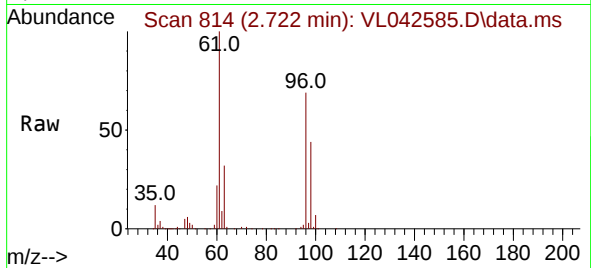
Tgt Ion: 84 Resp: 170261
 Ion Ratio Lower Upper
 84 100
 56 127.6 103.7 155.5
 41 82.4 65.1 97.7





#31
 cis-1,2-Dichloroethene
 Concen: 13.526 ppbv
 RT: 2.722 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: VL042585.D
 Acq: 29 May 2025 14:24

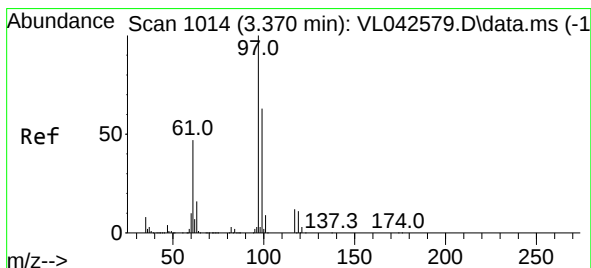
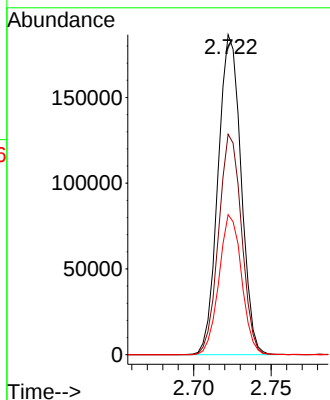
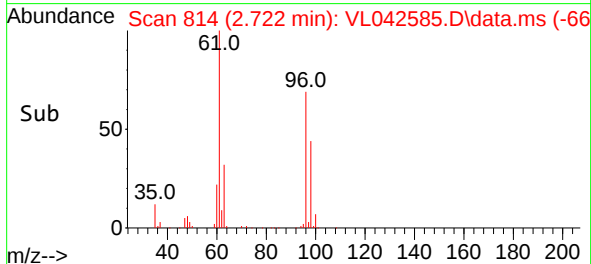
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



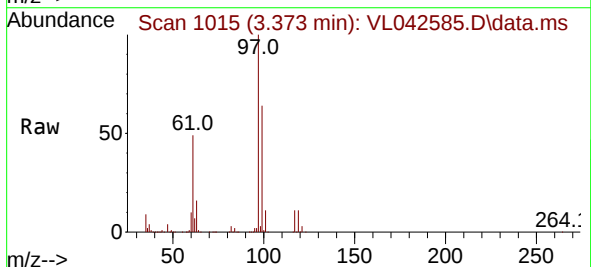
Tgt Ion: 61 Resp: 192562
 Ion Ratio Lower Upper
 61 100
 96 68.9 54.5 81.7
 98 43.8 33.4 50.2

Manual Integrations
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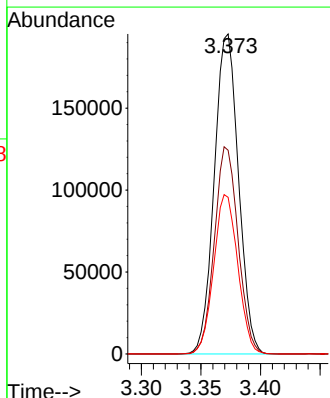
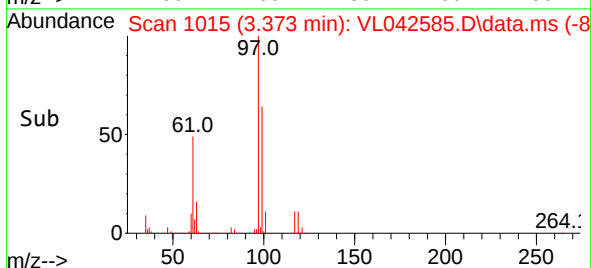
Reviewed By :Semsettin Yesilyurt 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#32
 1,1,1-Trichloroethane
 Concen: 13.591 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. 0.003 min
 Lab File: VL042585.D
 Acq: 29 May 2025 14:24



Tgt Ion: 97 Resp: 276026
 Ion Ratio Lower Upper
 97 100
 99 63.4 51.0 76.6
 61 49.6 39.4 59.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. -0.000 min

Lab File: VL042585.D

Acq: 29 May 2025 14:24

Instrument :

MSVOA_L

ClientSampleId :

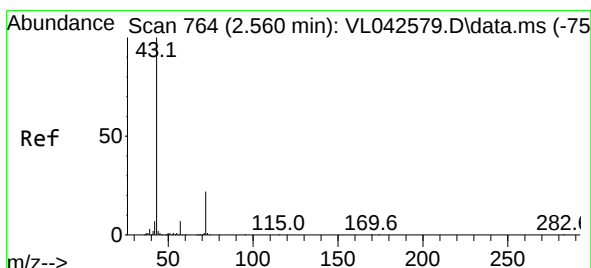
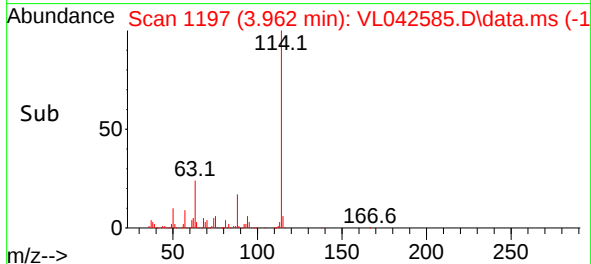
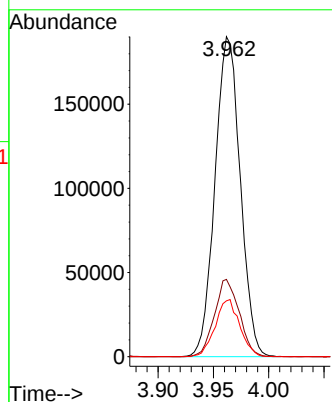
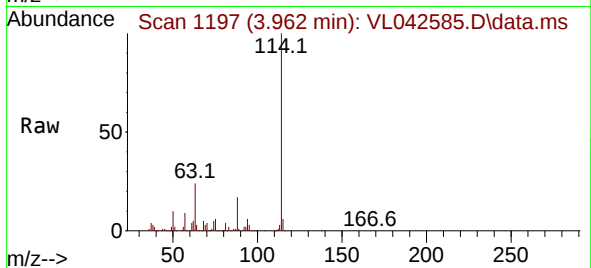
VSTDICC015

Tgt Ion:114	Resp: 30179
Ion Ratio	Lower Upper
114 100	
63 23.7	19.0 28.6
88 17.4	13.6 20.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#34

2-Butanone

Concen: 13.689 ppbv

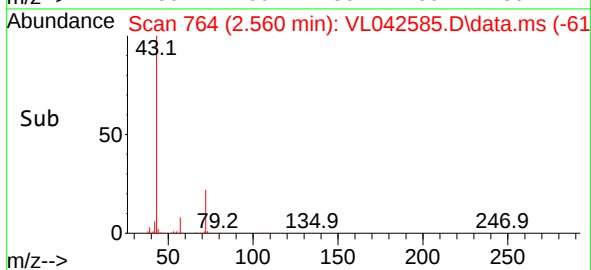
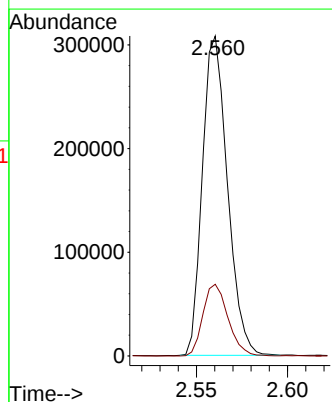
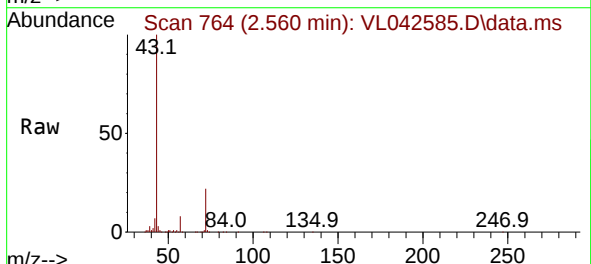
RT: 2.560 min Scan# 764

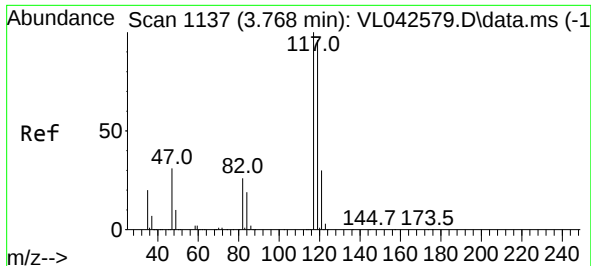
Delta R.T. -0.000 min

Lab File: VL042585.D

Acq: 29 May 2025 14:24

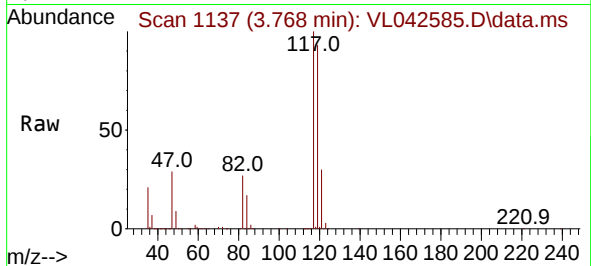
Tgt Ion: 43	Resp: 294628
Ion Ratio	Lower Upper
43 100	
72 22.5	17.7 26.5





#35
Carbon Tetrachloride
Concen: 13.903 ppbv
RT: 3.768 min Scan# 1137
Delta R.T. -0.000 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24

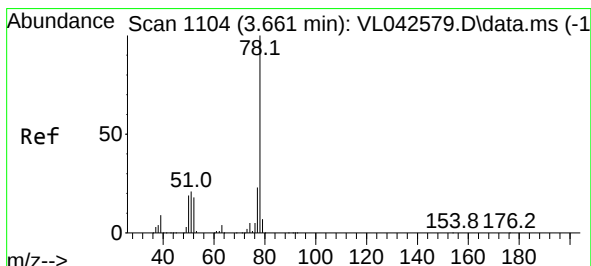
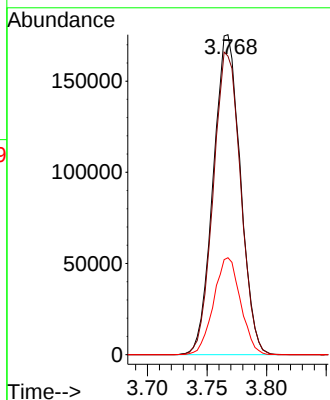
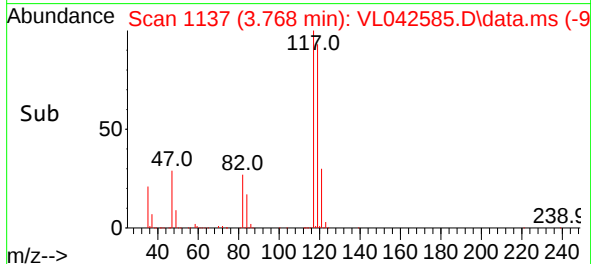
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 117 Resp: 27704
Ion Ratio Lower Upper
117 100
119 93.2 76.8 115.2
121 30.3 24.3 36.5

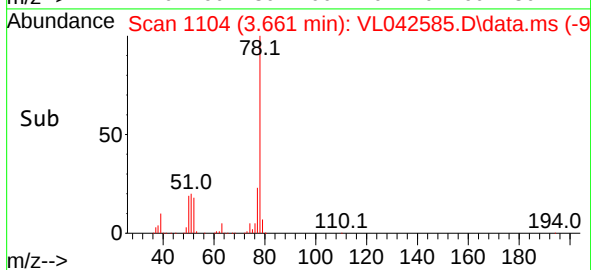
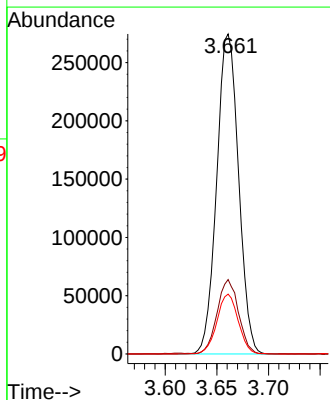
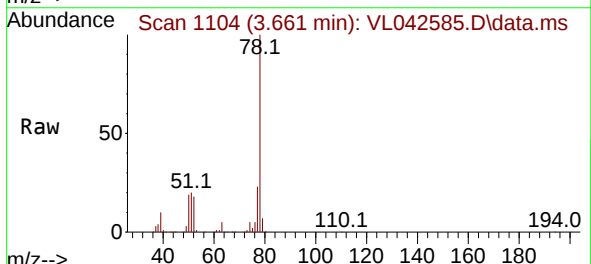
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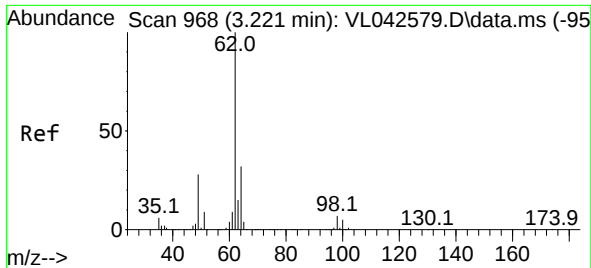
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#36
Benzene
Concen: 13.615 ppbv
RT: 3.661 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24

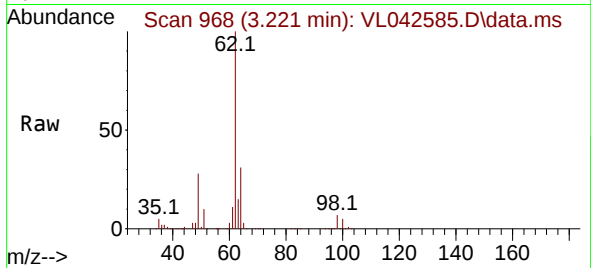
Tgt Ion: 78 Resp: 404641
Ion Ratio Lower Upper
78 100
77 23.3 18.2 27.2
50 18.7 15.2 22.8





#37
1,2-Dichloroethane
Concen: 14.088 ppbv
RT: 3.221 min Scan# 968
Delta R.T. -0.000 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24

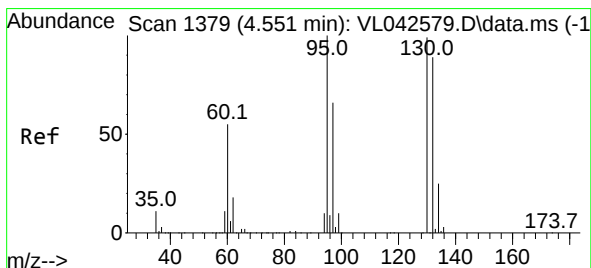
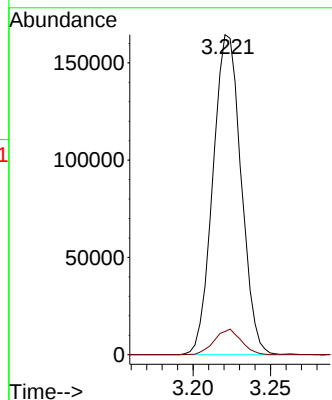
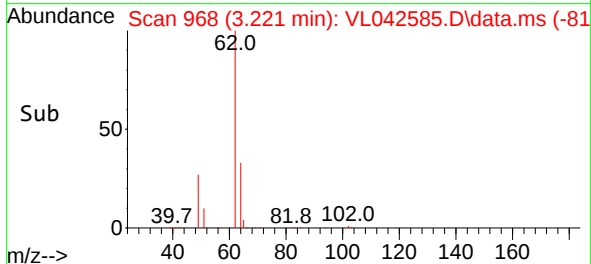
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 62 Resp: 20808
Ion Ratio Lower Upper
62 100
98 7.6 6.1 9.1

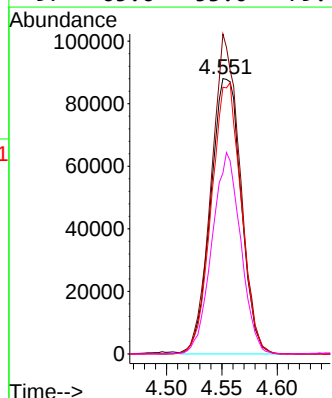
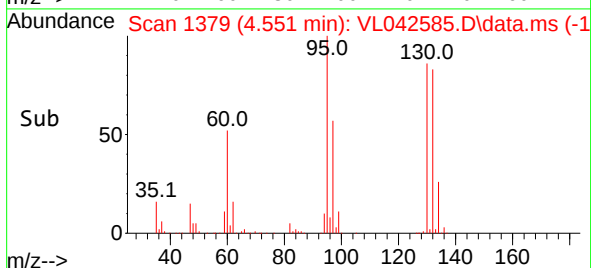
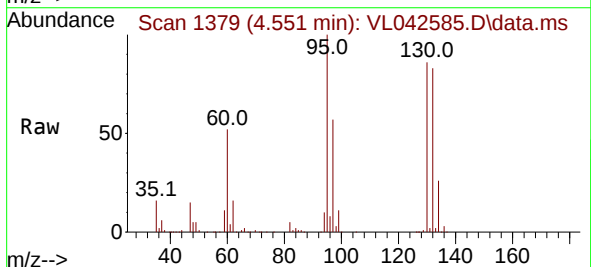
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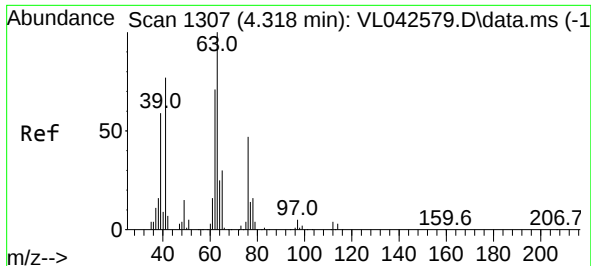
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#38
Trichloroethene
Concen: 13.263 ppbv
RT: 4.551 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24

Tgt Ion:130 Resp: 168824
Ion Ratio Lower Upper
130 100
95 116.2 80.6 121.0
132 96.9 71.8 107.6
97 65.6 53.0 79.4





#39

1,2-Dichloropropane

Concen: 13.606 ppbv

RT: 4.318 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VL042585.D

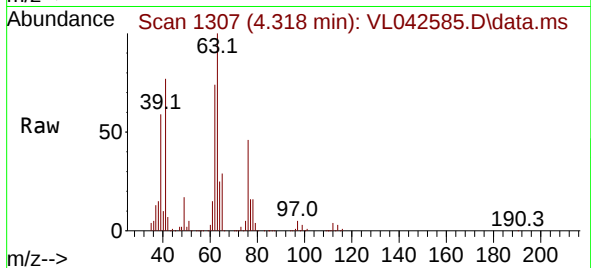
Acq: 29 May 2025 14:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

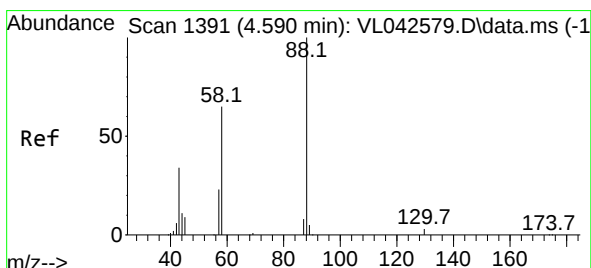
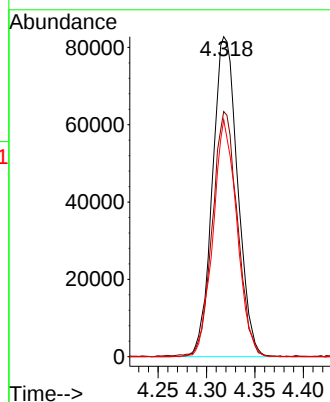
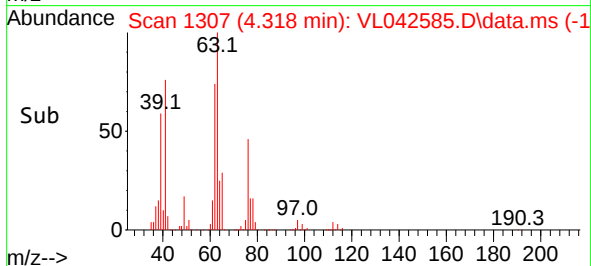


Tgt Ion:	63	Resp:	149470
Ion	Ratio	Lower	Upper
63	100		
41	76.3	61.8	92.6
62	74.0	56.6	85.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#40

1,4-Dioxane

Concen: 14.035 ppbv

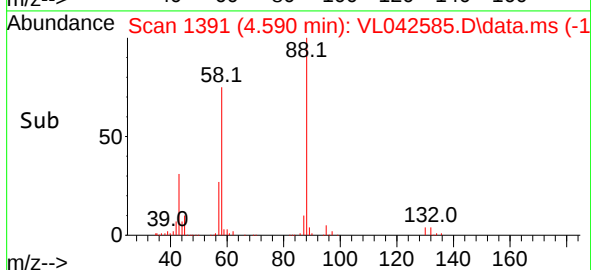
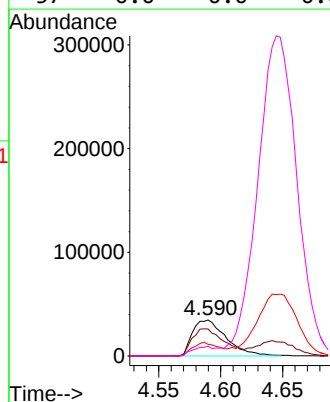
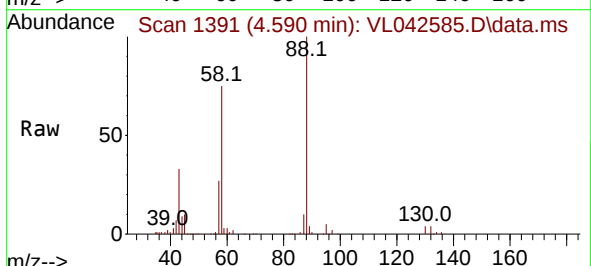
RT: 4.590 min Scan# 1391

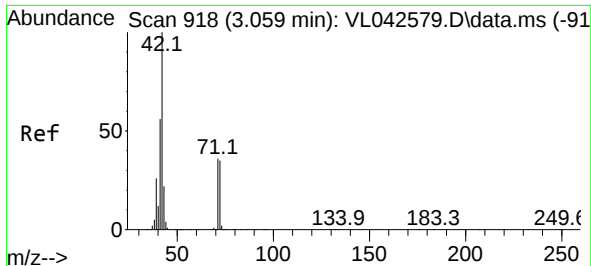
Delta R.T. -0.000 min

Lab File: VL042585.D

Acq: 29 May 2025 14:24

Tgt Ion:	88	Resp:	65543
Ion	Ratio	Lower	Upper
88	100		
58	70.8	55.8	83.8
43	29.8	24.8	37.2
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 13.734 ppbv

RT: 3.056 min Scan# 917

Delta R.T. -0.003 min

Lab File: VL042585.D

Acq: 29 May 2025 14:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

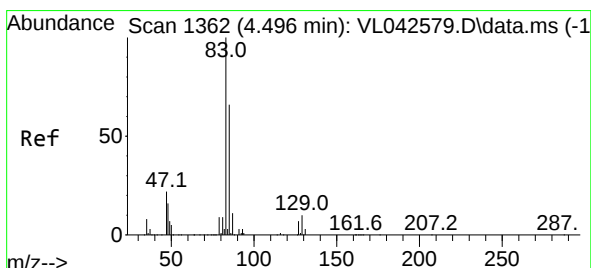
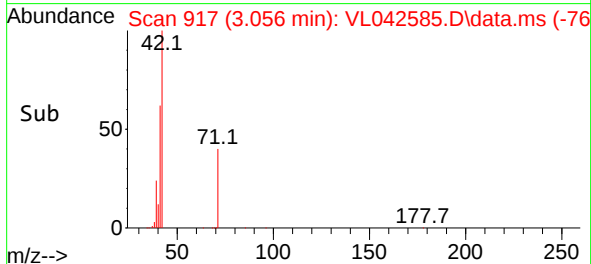
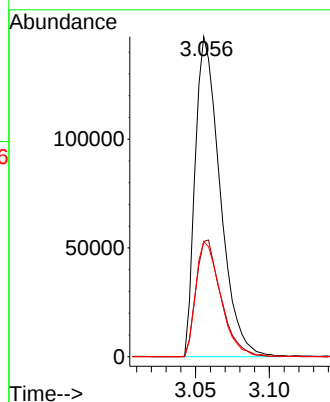
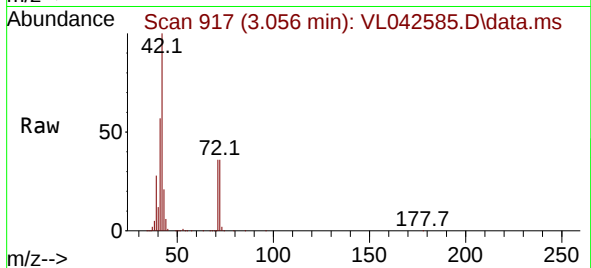
Tgt Ion: 42 Resp: 17302

Ion	Ratio	Lower	Upper
42	100		
72	36.7	28.9	43.3
71	35.8	28.5	42.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#42

Bromodichloromethane

Concen: 14.245 ppbv

RT: 4.493 min Scan# 1361

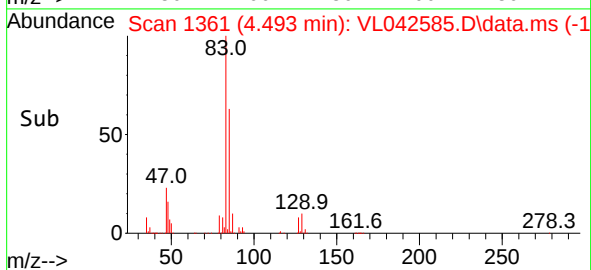
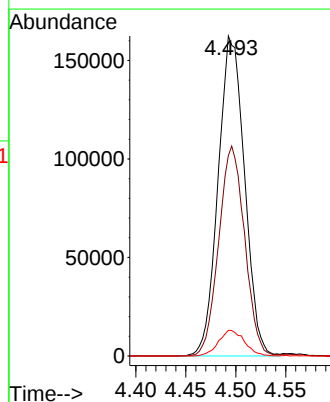
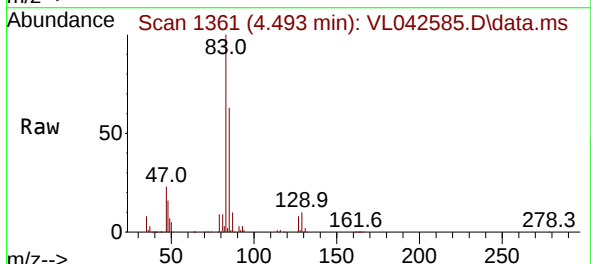
Delta R.T. -0.003 min

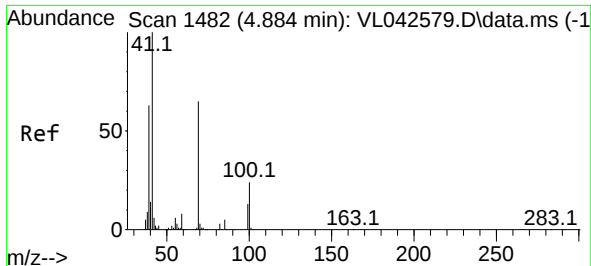
Lab File: VL042585.D

Acq: 29 May 2025 14:24

Tgt Ion: 83 Resp: 298835

Ion	Ratio	Lower	Upper
83	100		
85	62.6	52.7	79.1
127	8.0	5.8	8.6





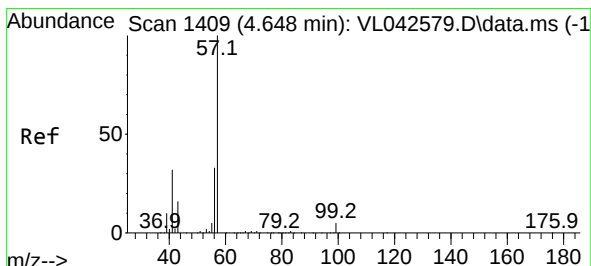
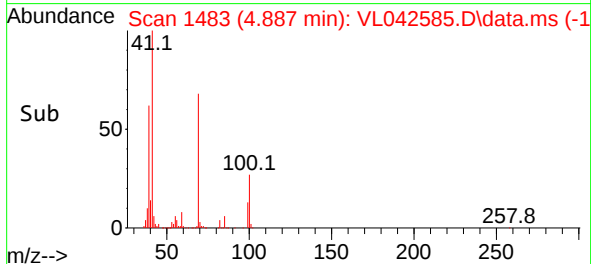
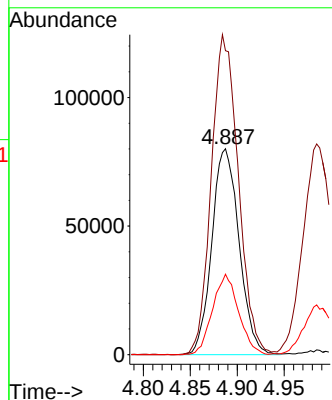
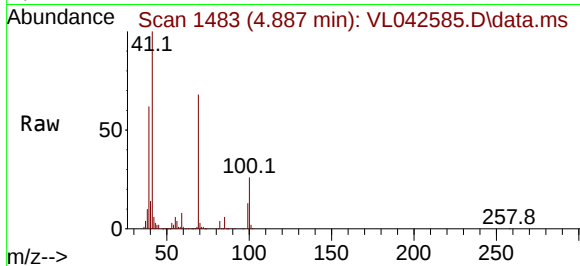
#43
Methyl Methacrylate
Concen: 14.033 ppbv
RT: 4.887 min Scan# 1482
Delta R.T. 0.003 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 69 Resp: 16164
Ion Ratio Lower Upper
69 100
41 154.3 124.6 187.0
100 37.3 29.9 44.9

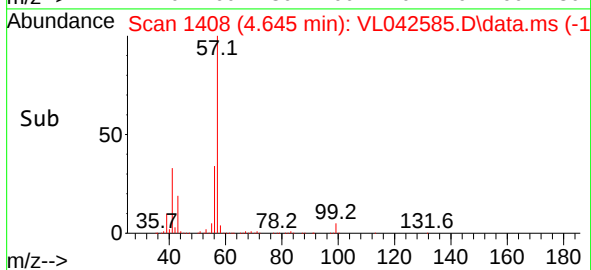
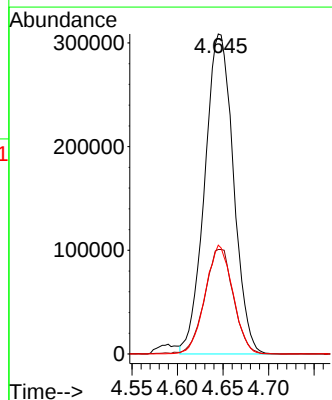
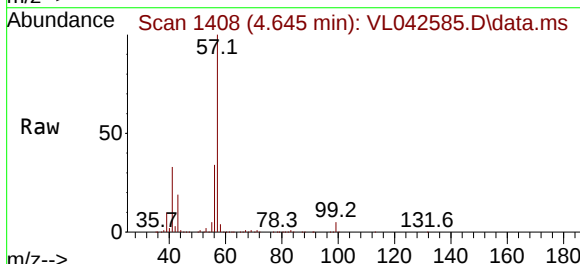
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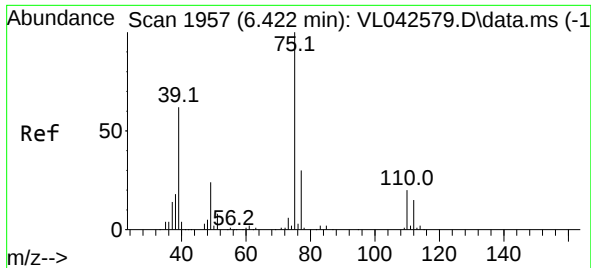
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#44
2,2,4-Trimethylpentane
Concen: 13.319 ppbv
RT: 4.645 min Scan# 1408
Delta R.T. -0.003 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24

Tgt Ion: 57 Resp: 676574
Ion Ratio Lower Upper
57 100
41 33.1 26.1 39.1
56 32.7 25.9 38.9





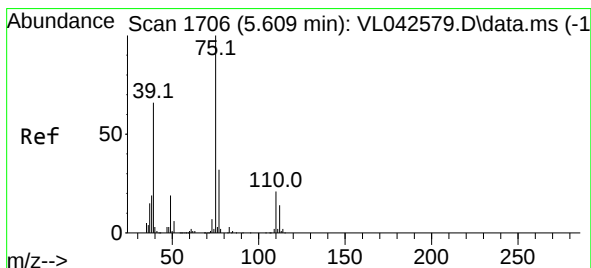
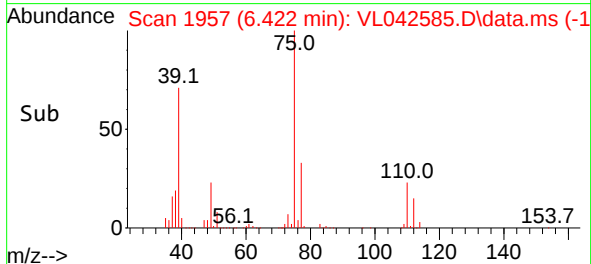
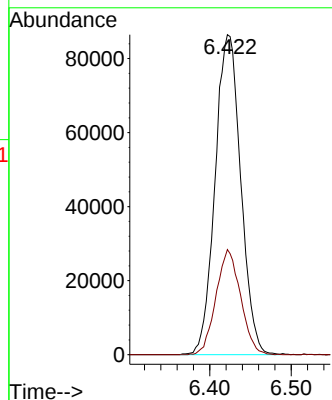
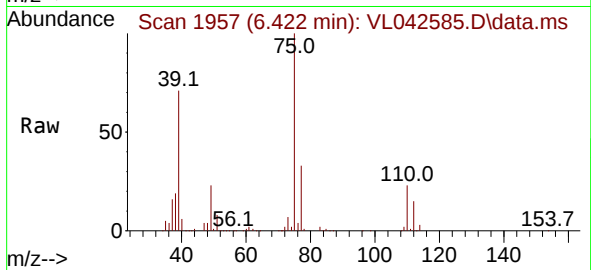
#45
 t-1,3-Dichloropropene
 Concen: 14.338 ppbv
 RT: 6.422 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VL042585.D
 Acq: 29 May 2025 14:24

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion: 75 Resp: 18925
 Ion Ratio Lower Upper
 75 100
 77 32.8 24.2 36.2

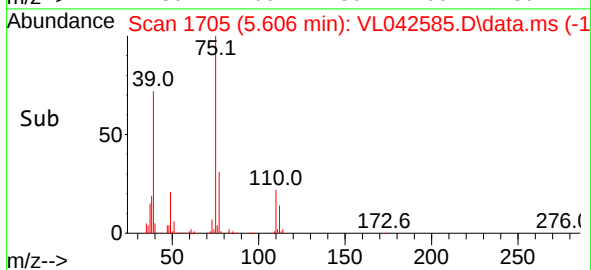
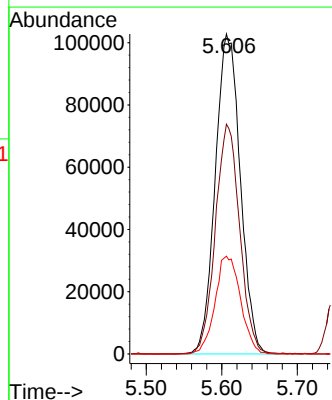
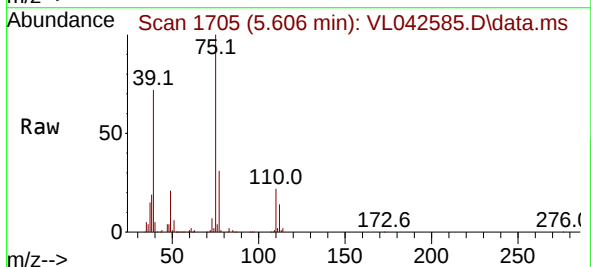
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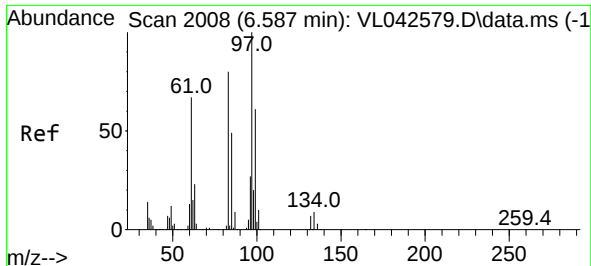
Reviewed By :Semsettin Yesilyurt 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#46
 cis-1,3-Dichloropropene
 Concen: 14.313 ppbv
 RT: 5.606 min Scan# 1705
 Delta R.T. -0.003 min
 Lab File: VL042585.D
 Acq: 29 May 2025 14:24

Tgt Ion: 75 Resp: 236653
 Ion Ratio Lower Upper
 75 100
 39 71.7 52.7 79.1
 77 30.6 25.8 38.8





#47

1,1,2-Trichloroethane

Concen: 13.524 ppbv

RT: 6.590 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VL042585.D

Acq: 29 May 2025 14:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion: 97 Resp: 153862

Ion Ratio Lower Upper

97 100

83 86.0 63.9 95.9

85 57.3 39.2 58.8

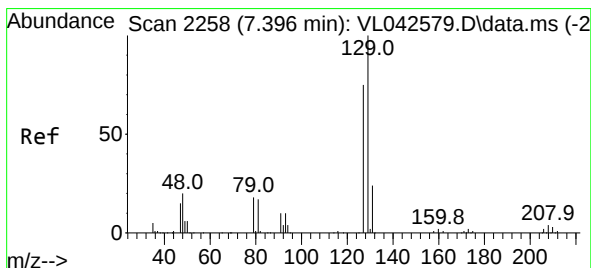
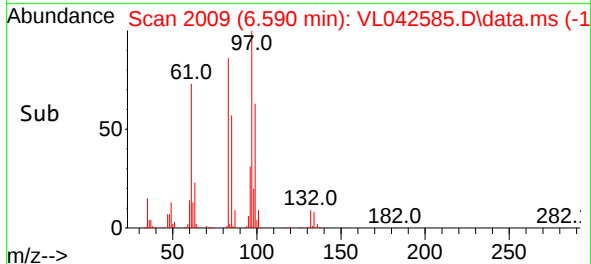
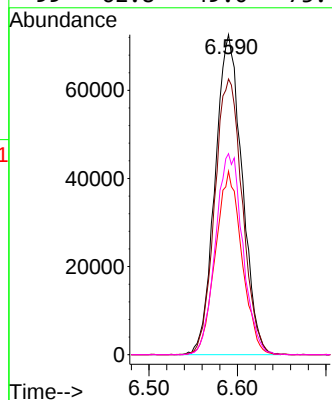
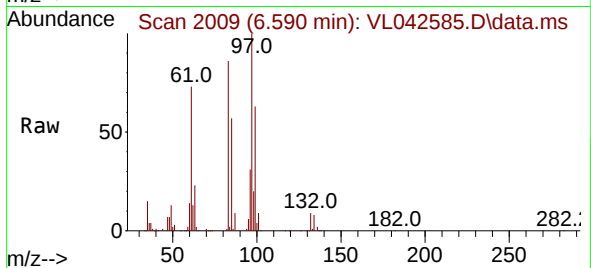
99 62.8 49.0 73.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#48

Dibromochloromethane

Concen: 14.187 ppbv

RT: 7.393 min Scan# 2257

Delta R.T. -0.003 min

Lab File: VL042585.D

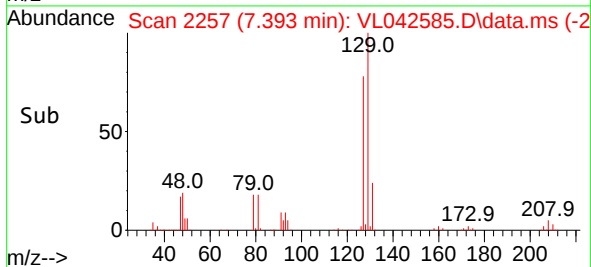
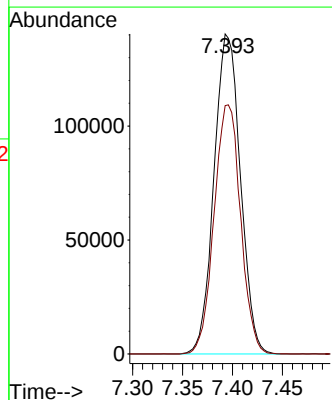
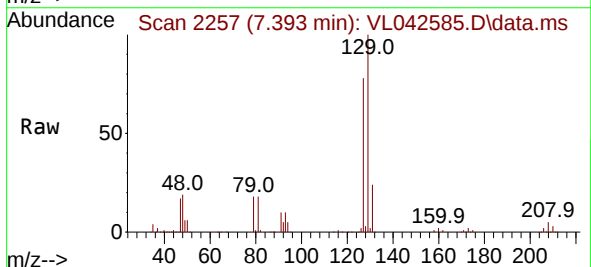
Acq: 29 May 2025 14:24

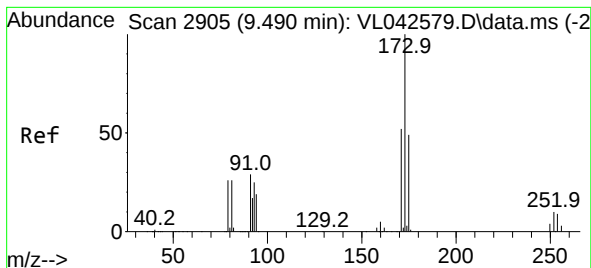
Tgt Ion:129 Resp: 258374

Ion Ratio Lower Upper

129 100

127 78.0 39.0 116.9





#49

Bromoform

Concen: 14.427 ppbv

RT: 9.490 min Scan# 2905

Delta R.T. -0.000 min

Lab File: VL042585.D

Acq: 29 May 2025 14:24

Instrument :

MSVOA_L

ClientSampleId :

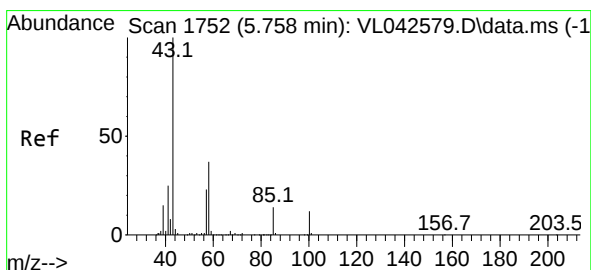
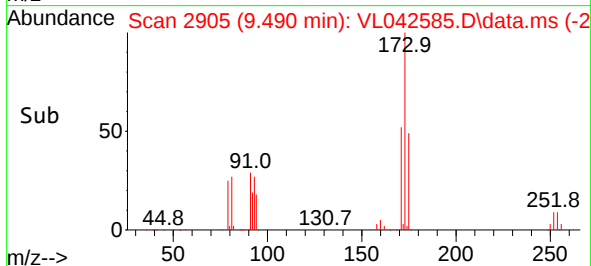
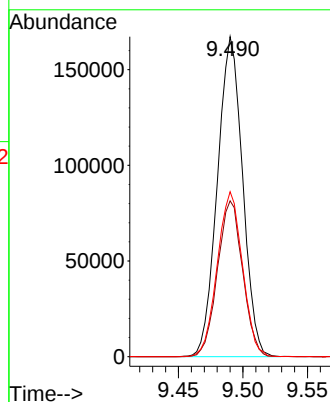
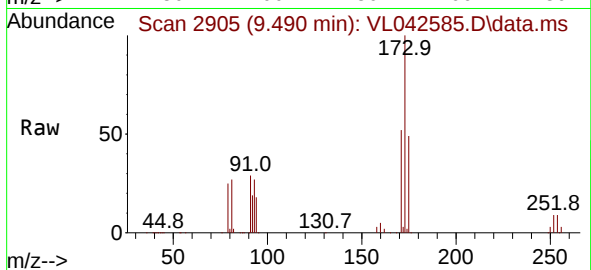
VSTDIC015

Tgt Ion:173 Resp: 226719
 Ion Ratio Lower Upper
 173 100
 175 48.6 38.7 58.1
 171 51.5 41.2 61.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#50

4-Methyl-2-Pentanone

Concen: 13.882 ppbv

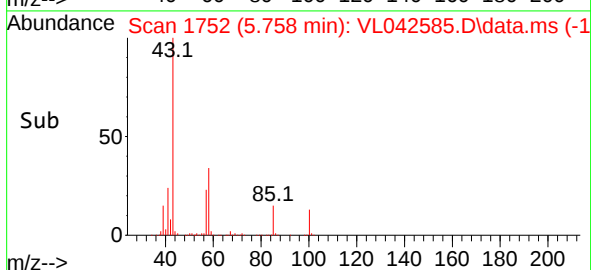
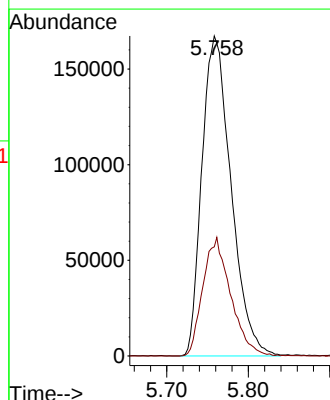
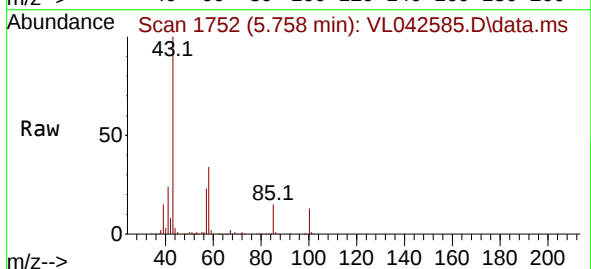
RT: 5.758 min Scan# 1752

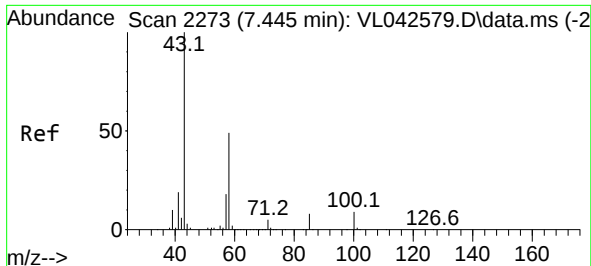
Delta R.T. -0.000 min

Lab File: VL042585.D

Acq: 29 May 2025 14:24

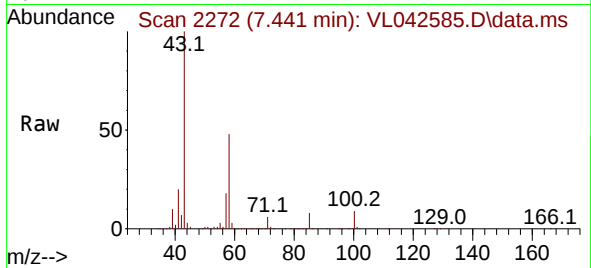
Tgt Ion: 43 Resp: 416119
 Ion Ratio Lower Upper
 43 100
 58 35.4 28.3 42.5





#51
2-Hexanone
Concen: 14.328 ppbv
RT: 7.441 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24

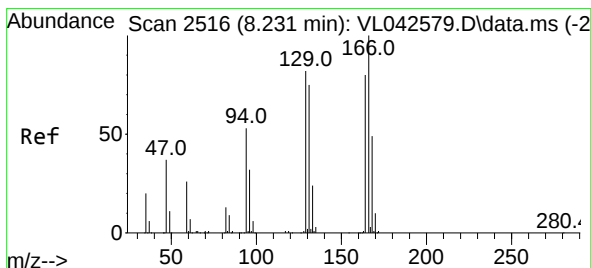
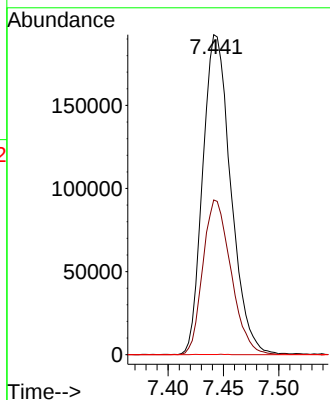
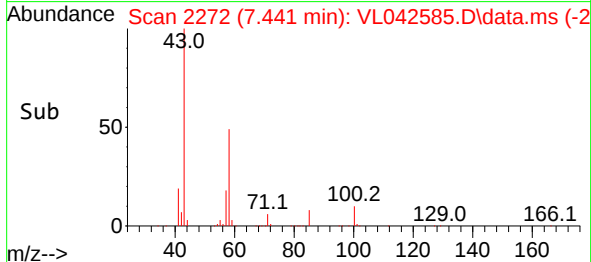
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 43 Resp: 339220
Ion Ratio Lower Upper
43 100
58 48.6 39.9 59.9
98 0.1 0.1 0.1

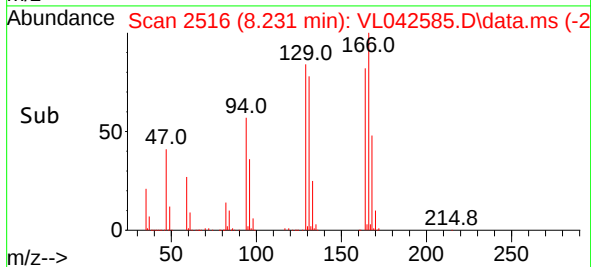
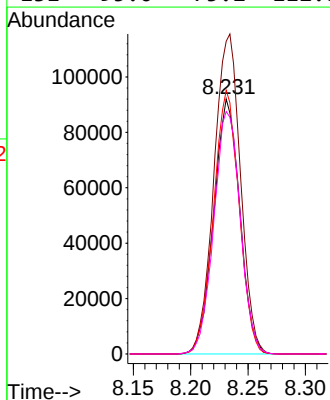
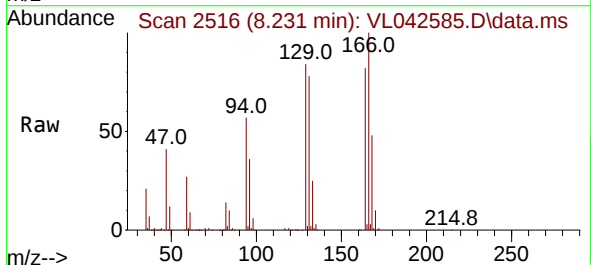
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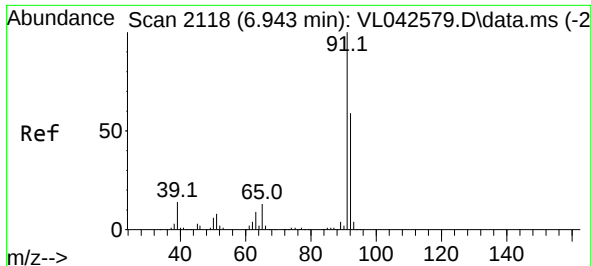
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#52
Tetrachloroethene
Concen: 13.098 ppbv
RT: 8.231 min Scan# 2516
Delta R.T. -0.000 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24

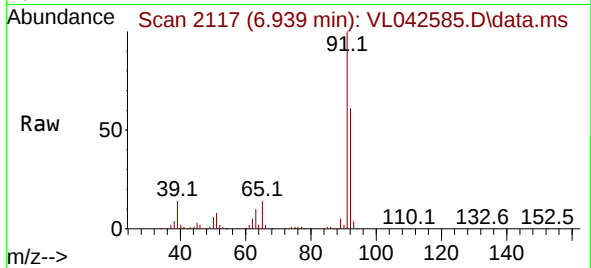
Tgt Ion:164 Resp: 145485
Ion Ratio Lower Upper
164 100
166 122.6 100.0 150.0
129 103.3 82.2 123.4
131 95.0 75.2 112.8





#53
Toluene
Concen: 13.702 ppbv
RT: 6.939 min Scan# 2118
Delta R.T. -0.003 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24

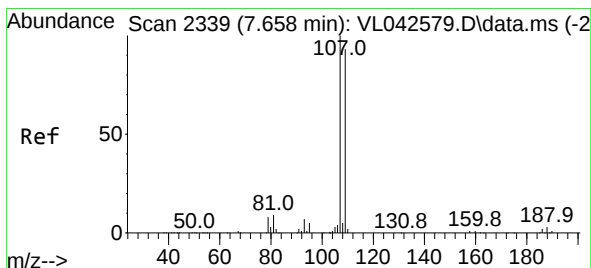
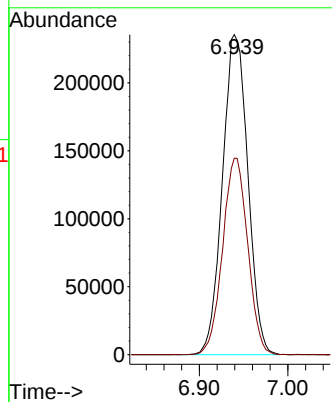
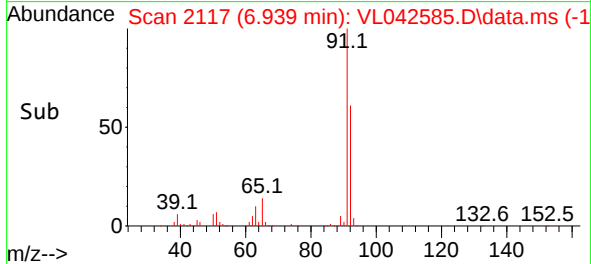
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 91 Resp: 47063
Ion Ratio Lower Upper
91 100
92 60.5 48.2 72.4

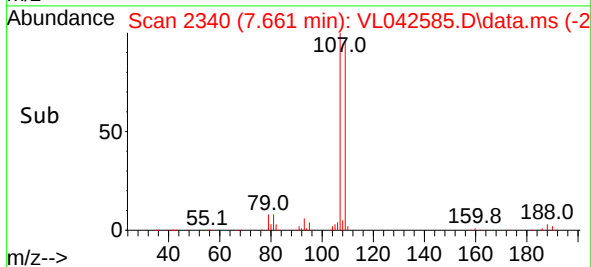
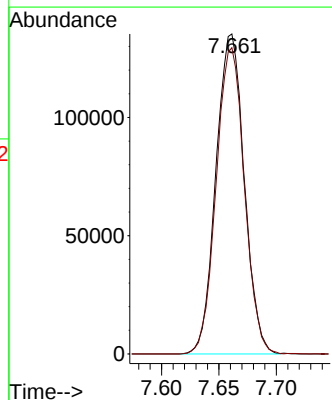
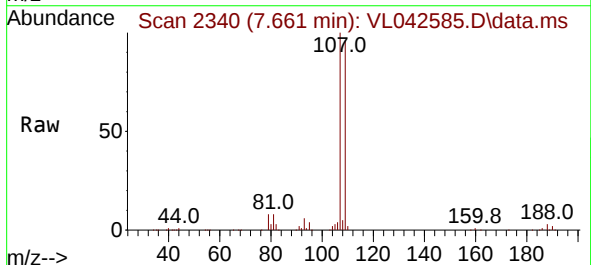
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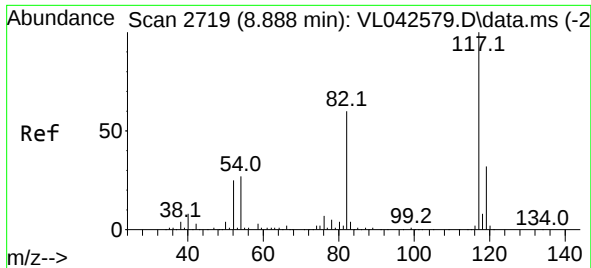
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#54
1,2-Dibromoethane
Concen: 13.758 ppbv
RT: 7.661 min Scan# 2340
Delta R.T. 0.003 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24

Tgt Ion:107 Resp: 232051
Ion Ratio Lower Upper
107 100
109 95.7 74.3 111.5





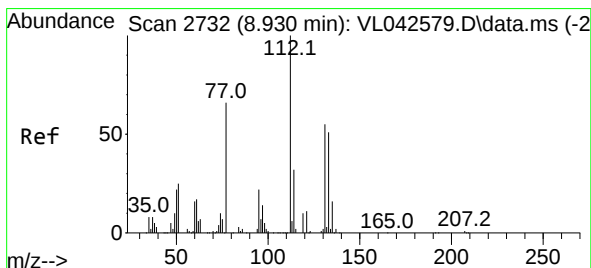
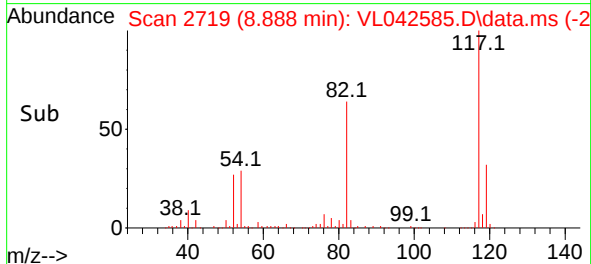
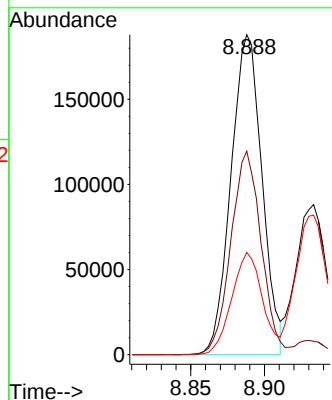
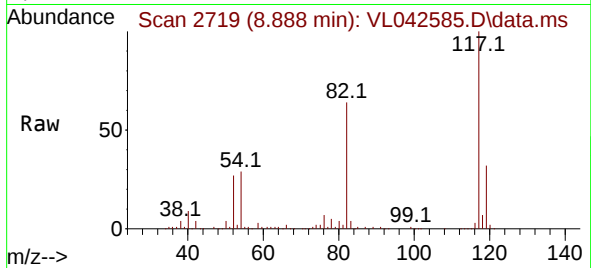
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2719
Delta R.T. -0.000 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:117 Resp: 274912
Ion Ratio Lower Upper
117 100
82 66.6 51.2 76.8
119 32.0 26.3 39.5

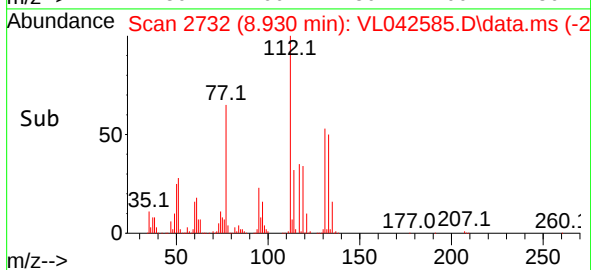
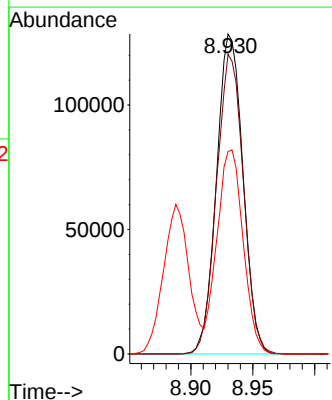
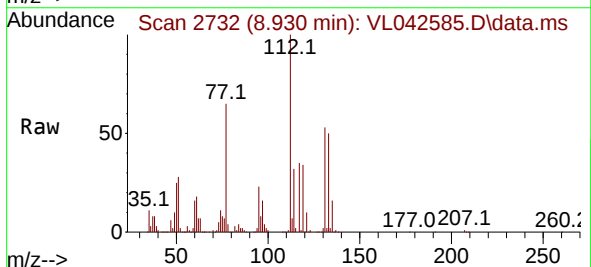
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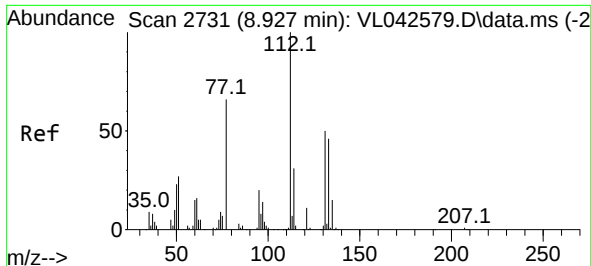
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 13.828 ppbv
RT: 8.930 min Scan# 2732
Delta R.T. -0.000 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24

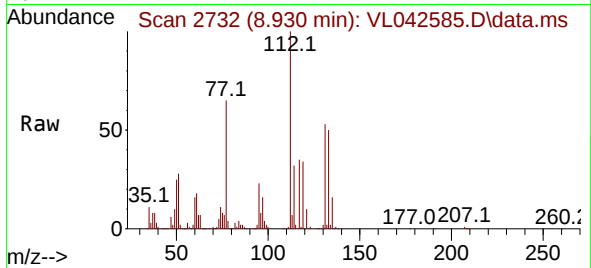
Tgt Ion:131 Resp: 191145
Ion Ratio Lower Upper
131 100
133 94.8 75.0 112.6
119 64.0 50.8 76.2





#57
Chlorobenzene
Concen: 13.361 ppbv
RT: 8.930 min Scan# 2731
Delta R.T. 0.003 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24

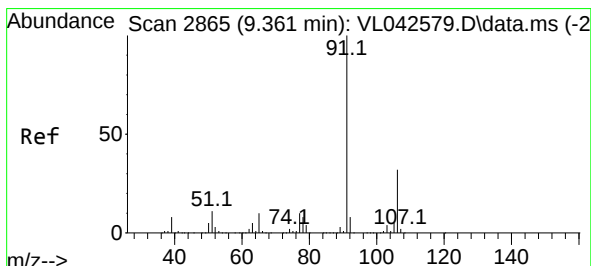
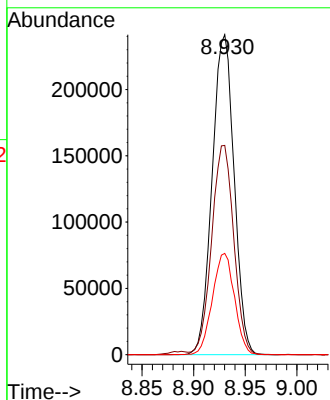
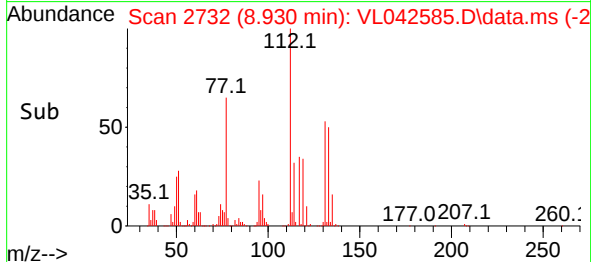
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015



Tgt Ion:112 Resp: 356658
Ion Ratio Lower Upper
112 100
77 65.4 53.5 80.3
114 31.7 27.8 34.0

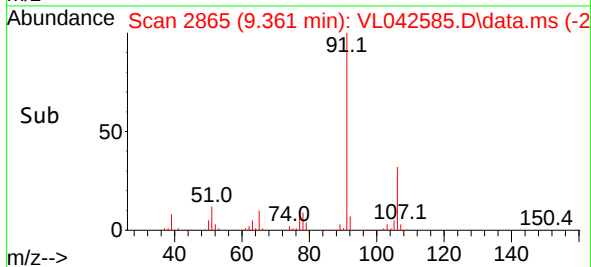
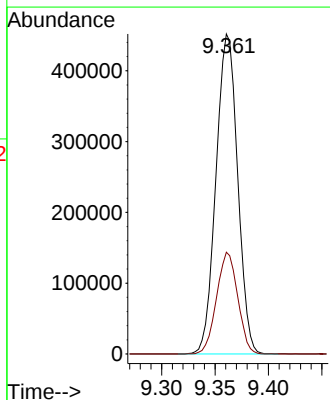
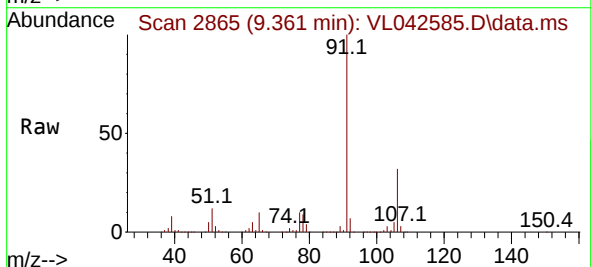
Manual Integrations
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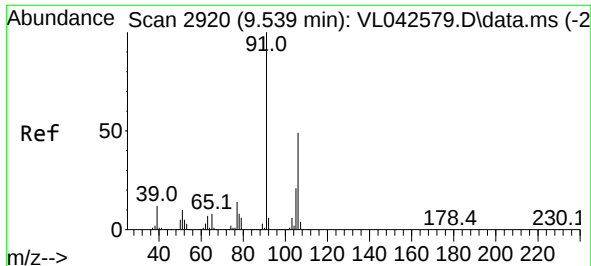
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#58
Ethyl Benzene
Concen: 13.662 ppbv
RT: 9.361 min Scan# 2865
Delta R.T. -0.000 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24

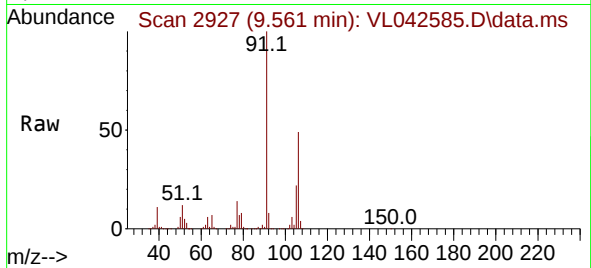
Tgt Ion: 91 Resp: 637083
Ion Ratio Lower Upper
91 100
106 31.8 25.9 38.9





#59
m/p-Xylene
Concen: 27.151 ppbv m
RT: 9.561 min Scan# 2927
Delta R.T. 0.023 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24

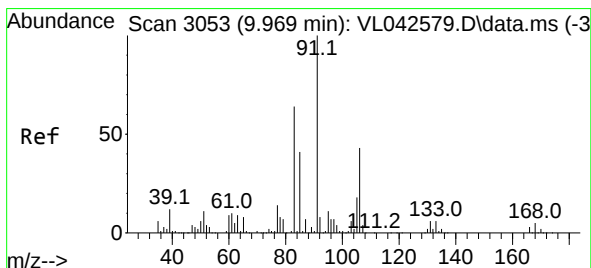
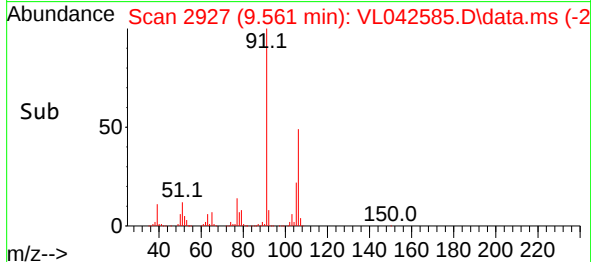
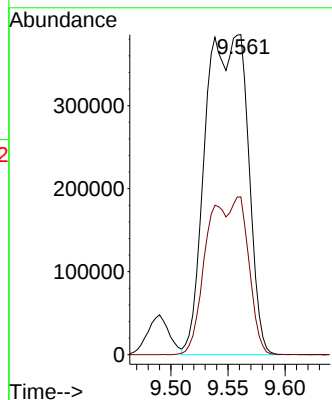
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 91 Resp: 996602
Ion Ratio Lower Upper
91 100
106 0.0 38.8 58.2

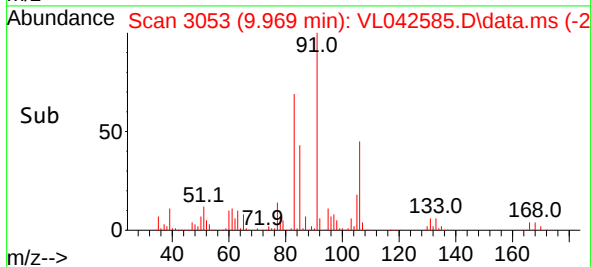
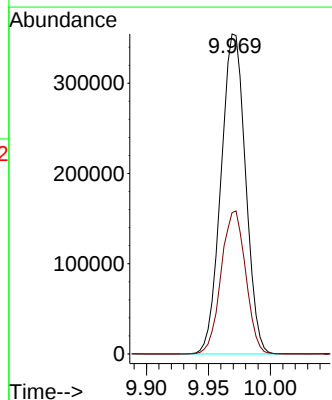
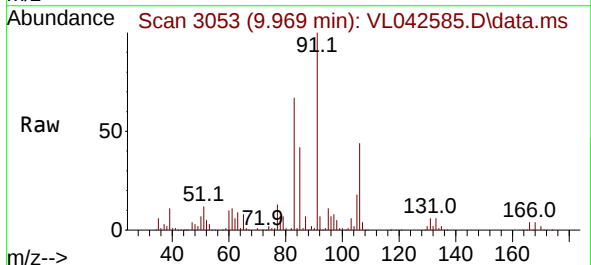
Manual Integrations
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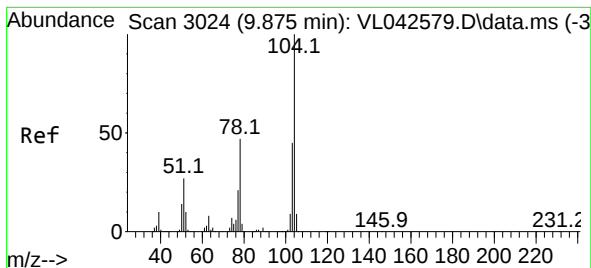
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#60
o-Xylene
Concen: 13.389 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. -0.000 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24

Tgt Ion: 91 Resp: 490036
Ion Ratio Lower Upper
91 100
106 44.7 22.9 68.5





#61

Styrene

Concen: 14.199 ppbv

RT: 9.875 min Scan# 3024

Delta R.T. -0.000 min

Lab File: VL042585.D

Acq: 29 May 2025 14:24

Instrument :

MSVOA_L

ClientSampleId :

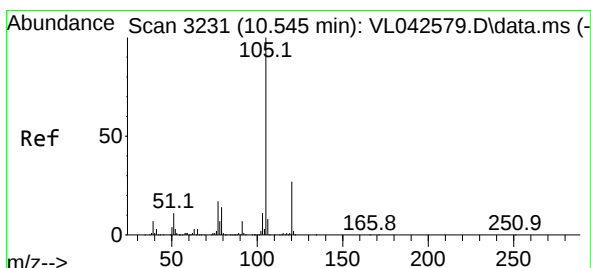
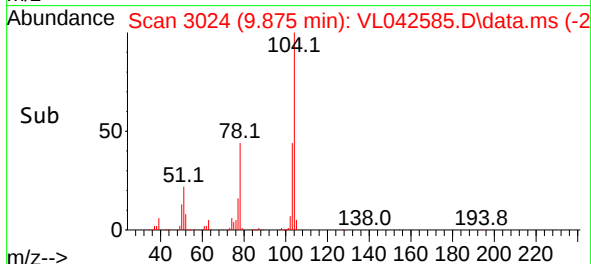
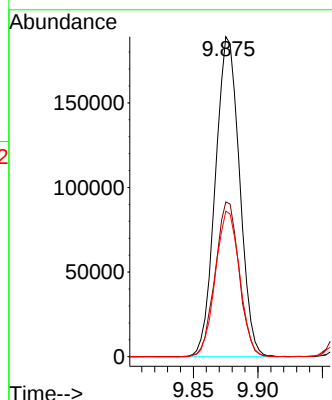
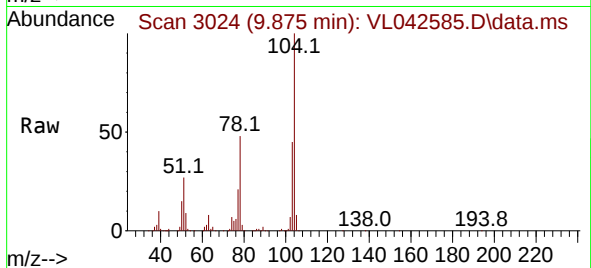
VSTDIC015

Tgt Ion:104 Resp: 245714
 Ion Ratio Lower Upper
 104 100
 78 47.9 38.2 57.4
 103 45.8 36.7 55.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#62

Isopropylbenzene

Concen: 13.356 ppbv

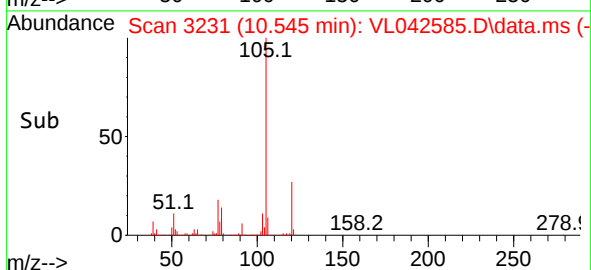
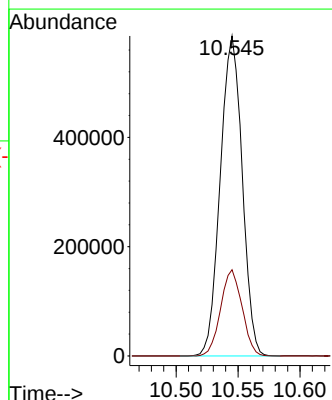
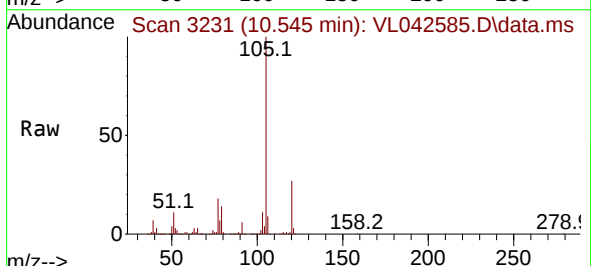
RT: 10.545 min Scan# 3231

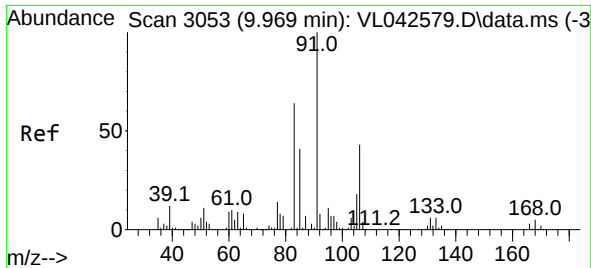
Delta R.T. -0.000 min

Lab File: VL042585.D

Acq: 29 May 2025 14:24

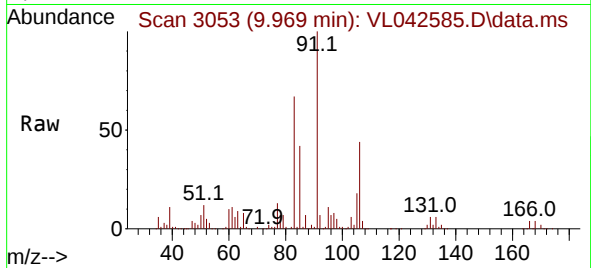
Tgt Ion:105 Resp: 722166
 Ion Ratio Lower Upper
 105 100
 120 26.3 20.9 31.3





#63
1,1,2,2-Tetrachloroethane
Concen: 12.875 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. -0.000 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24

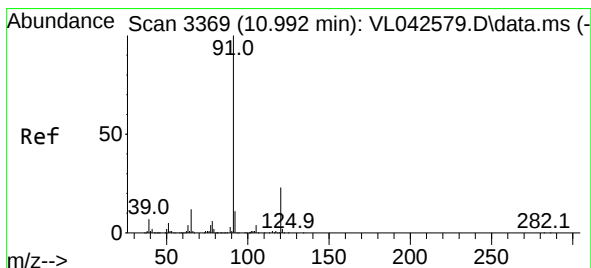
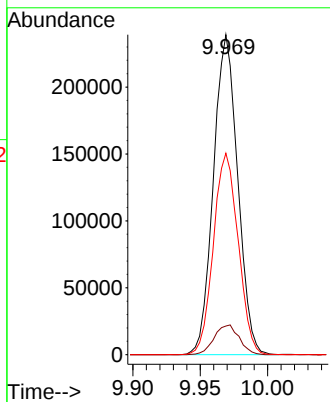
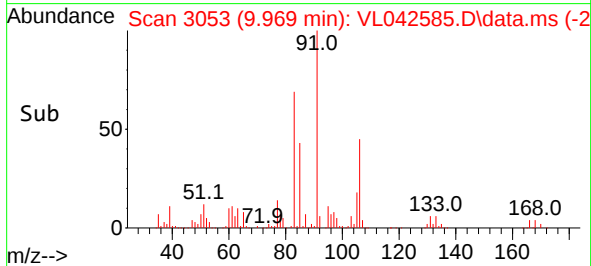
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



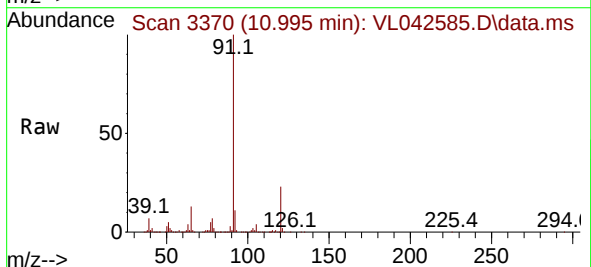
Tgt Ion: 83 Resp: 299633
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 64.2 32.5 97.4

Manual Integrations
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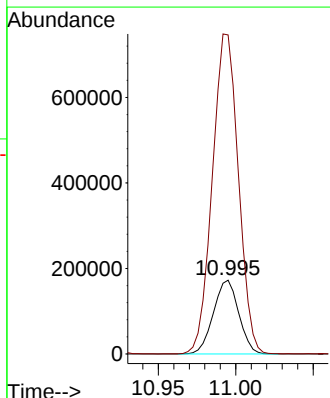
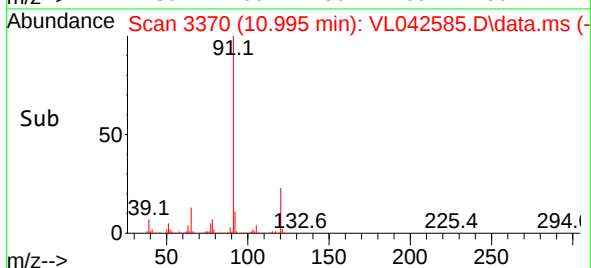
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

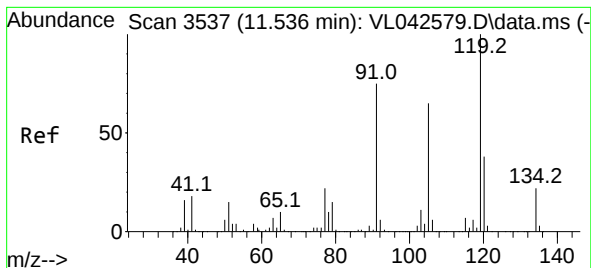


#64
n-propylbenzene
Concen: 13.519 ppbv
RT: 10.995 min Scan# 3370
Delta R.T. 0.003 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24



Tgt Ion:120 Resp: 195952
Ion Ratio Lower Upper
120 100
91 446.5 363.0 544.6





#65

tert-Butylbenzene

Concen: 12.924 ppbv

RT: 11.536 min Scan# 3537

Delta R.T. -0.000 min

Lab File: VL042585.D

Acq: 29 May 2025 14:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

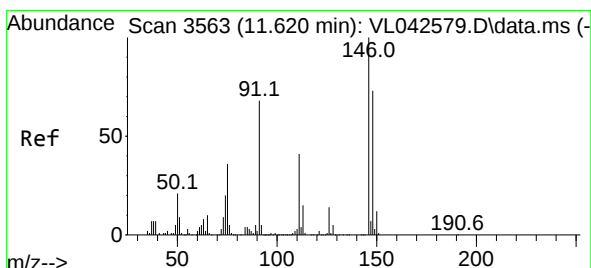
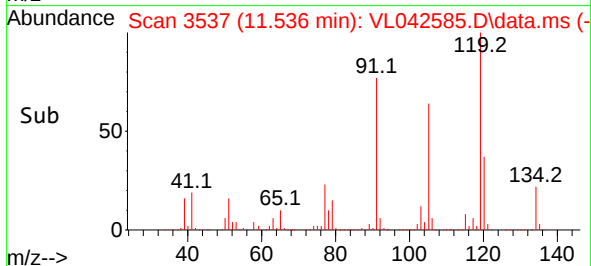
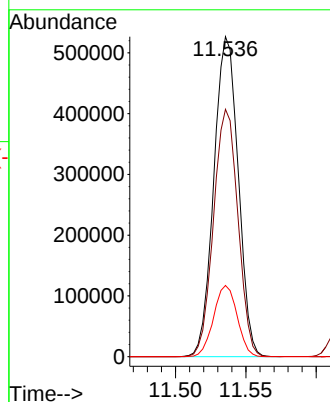
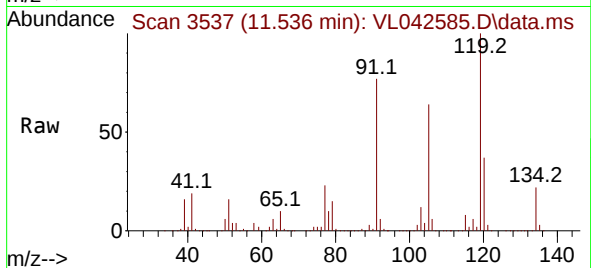
Tgt Ion: 119 Resp: 634158

Ion	Ratio	Lower	Upper
119	100		
91	77.3	61.1	91.7
134	21.5	17.4	26.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#66

Benzyl Chloride

Concen: 14.320 ppbv

RT: 11.620 min Scan# 3563

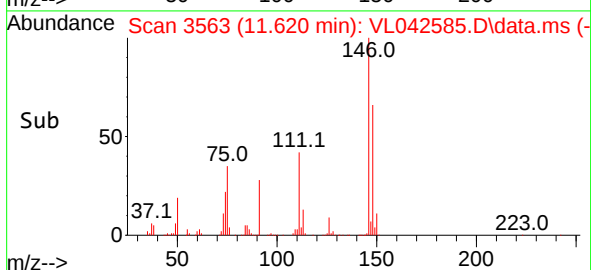
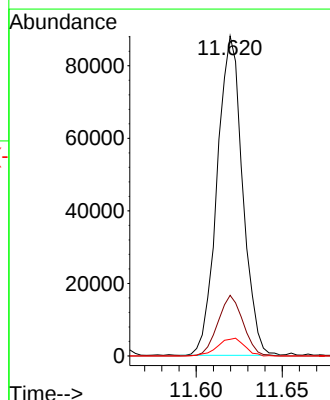
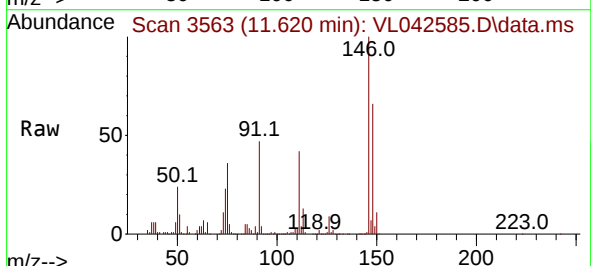
Delta R.T. -0.000 min

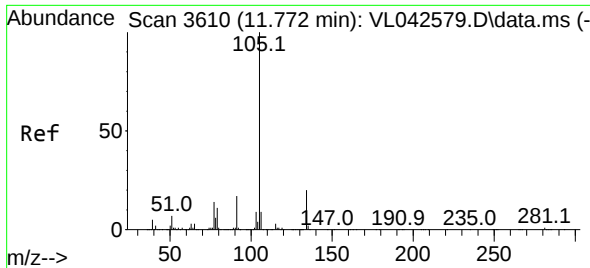
Lab File: VL042585.D

Acq: 29 May 2025 14:24

Tgt Ion: 91 Resp: 90617

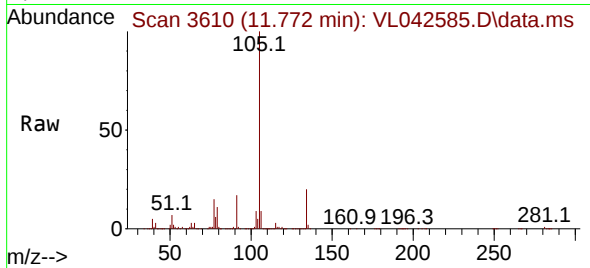
Ion	Ratio	Lower	Upper
91	100		
126	18.7	15.1	22.7
128	5.9	5.0	7.6





#67
 sec-Butylbenzene
 Concen: 12.939 ppbv
 RT: 11.772 min Scan# 3610
 Delta R.T. -0.000 min
 Lab File: VL042585.D
 Acq: 29 May 2025 14:24

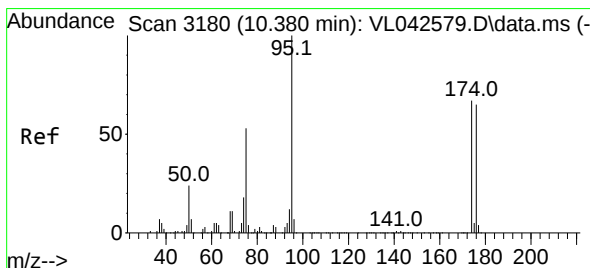
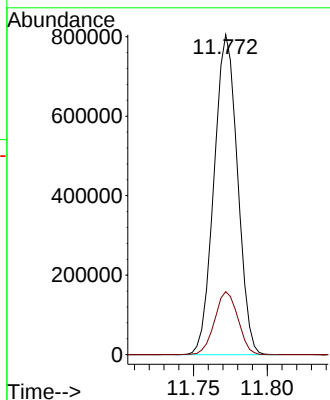
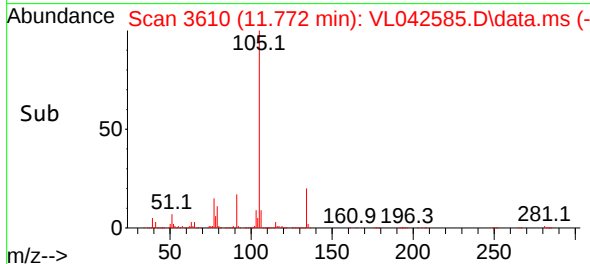
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC015



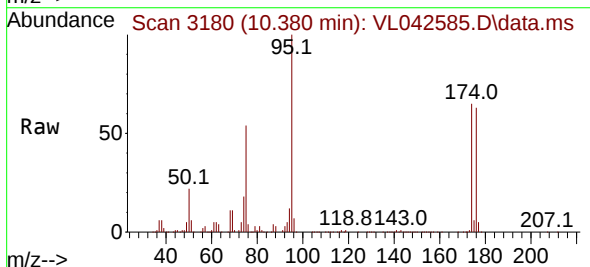
Tgt Ion:105 Resp: 892638
 Ion Ratio Lower Upper
 105 100
 134 19.6 15.8 23.6

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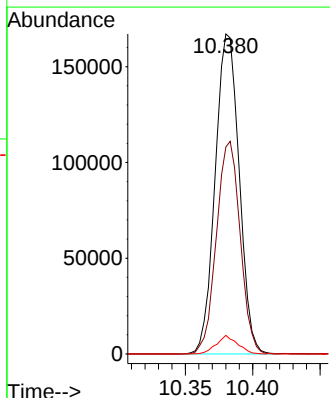
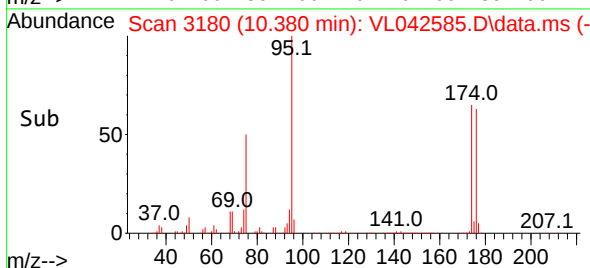
Reviewed By :Semsettin Yesilyurt 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025

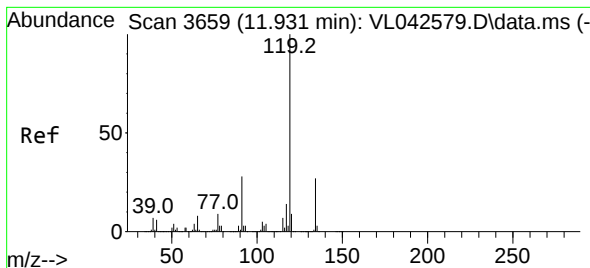


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.053 ppbv
 RT: 10.380 min Scan# 3180
 Delta R.T. -0.000 min
 Lab File: VL042585.D
 Acq: 29 May 2025 14:24



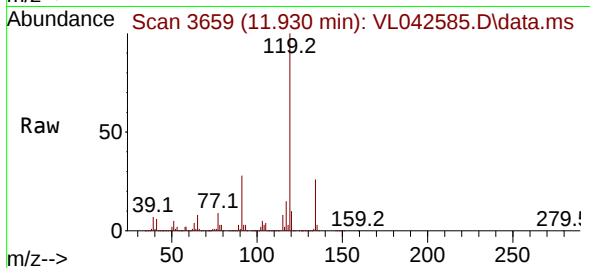
Tgt Ion: 95 Resp: 207170
 Ion Ratio Lower Upper
 95 100
 174 65.7 53.1 79.7
 175 5.1 4.2 6.2





#69
p-Isopropyltoluene
Concen: 13.210 ppbv
RT: 11.930 min Scan# 3659
Delta R.T. -0.000 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24

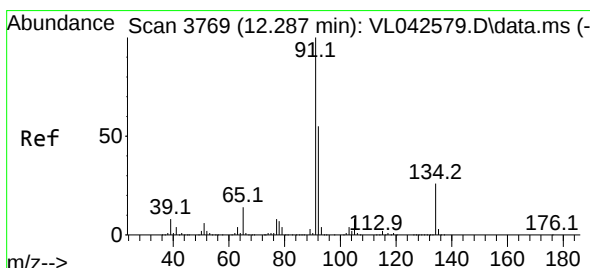
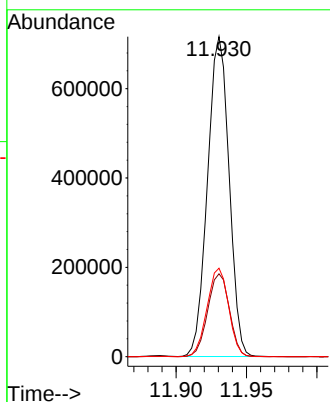
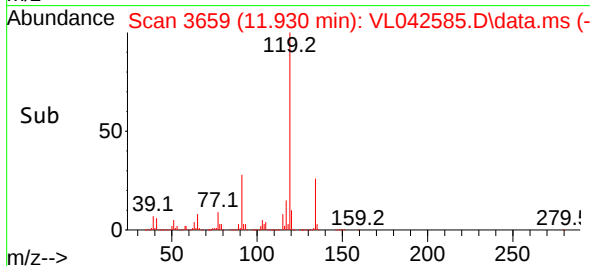
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



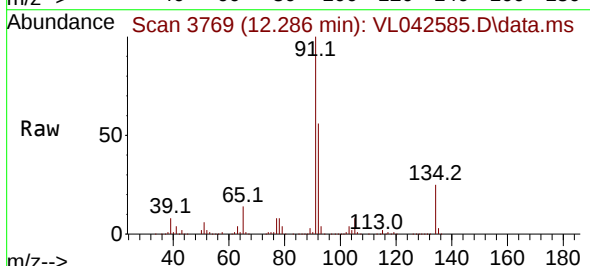
Tgt Ion: 119 Resp: 763150
Ion Ratio Lower Upper
119 100
134 26.2 21.1 31.7
91 27.7 21.9 32.9

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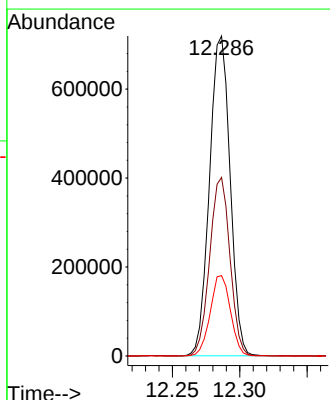
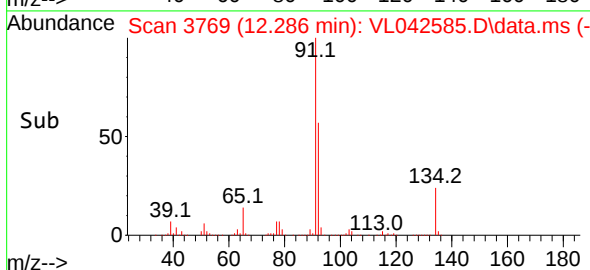
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

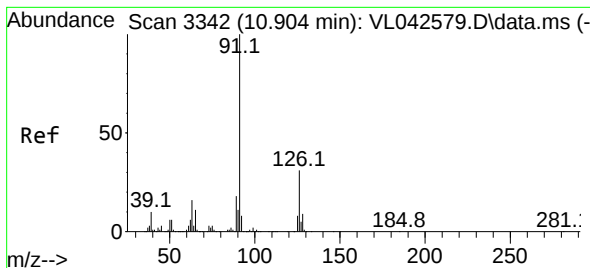


#70
n-Butylbenzene
Concen: 13.401 ppbv
RT: 12.286 min Scan# 3769
Delta R.T. -0.000 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24



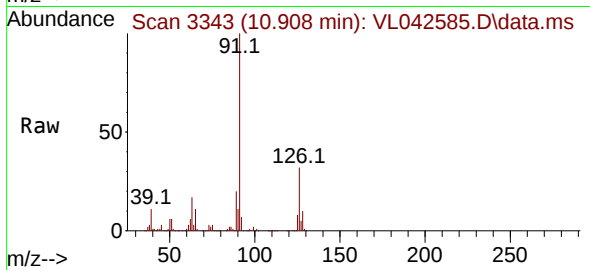
Tgt Ion: 91 Resp: 764173
Ion Ratio Lower Upper
91 100
92 55.2 44.4 66.6
134 24.8 20.1 30.1





#71
2-Chlorotoluene
Concen: 13.390 ppbv
RT: 10.908 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24

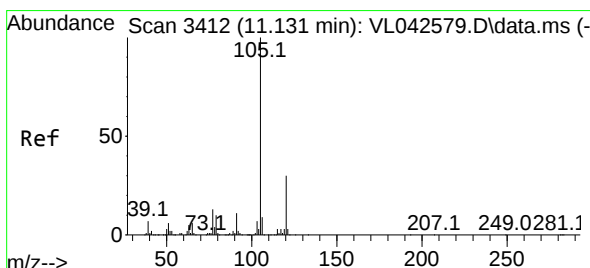
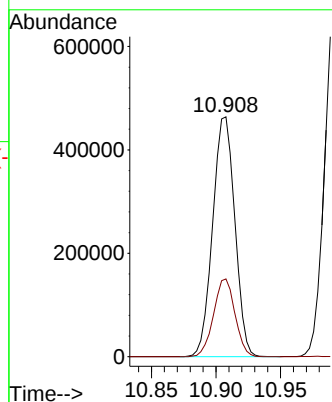
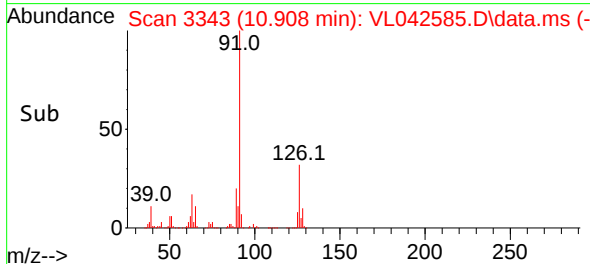
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



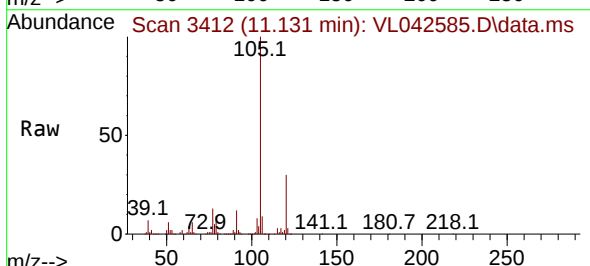
Tgt Ion: 91 Resp: 55226
Ion Ratio Lower Upper
91 100
126 31.3 12.6 50.4

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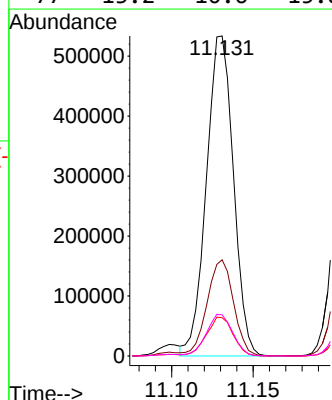
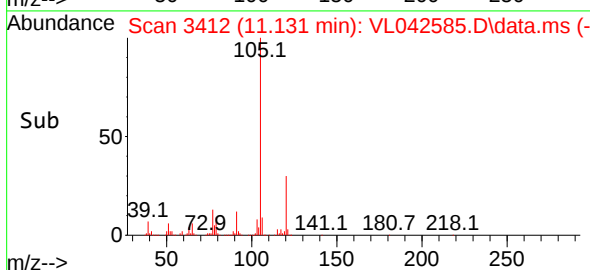
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

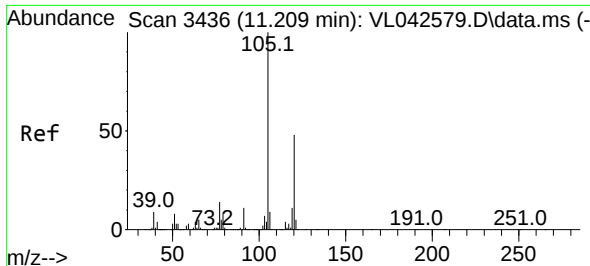


#72
4-Ethyltoluene
Concen: 13.504 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. -0.000 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24



Tgt Ion:105 Resp: 616187
Ion Ratio Lower Upper
105 100
120 30.4 24.6 36.8
91 12.4 9.6 14.4
77 13.2 10.6 15.8





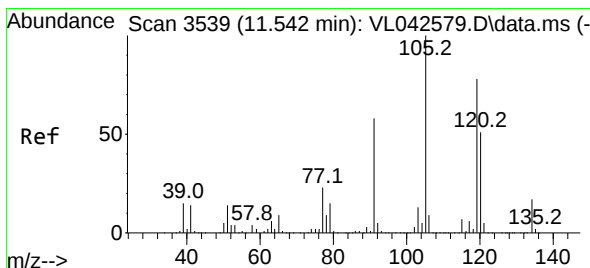
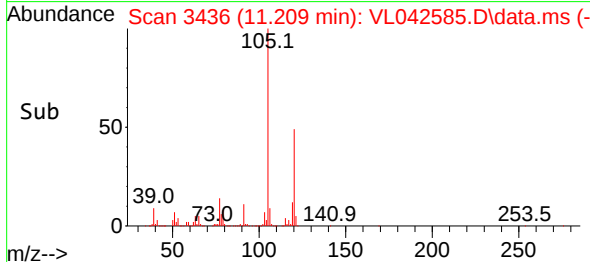
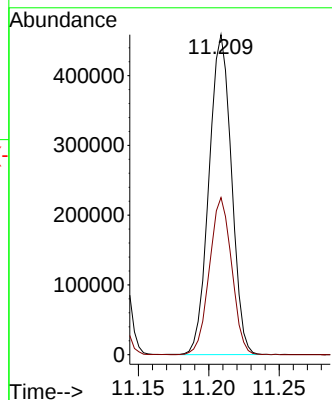
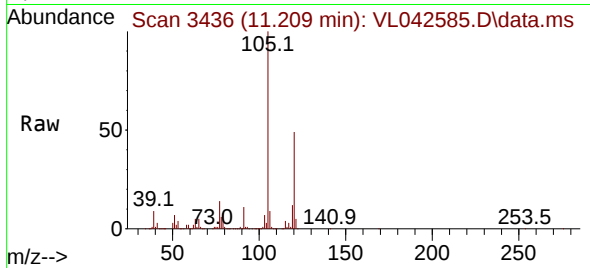
#73
1,3,5-Trimethylbenzene
Concen: 13.498 ppbv
RT: 11.209 min Scan# 3436
Delta R.T. -0.000 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion:105 Resp: 50980
Ion Ratio Lower Upper
105 100
120 49.1 38.8 58.2

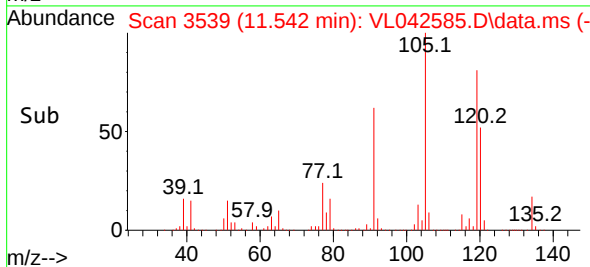
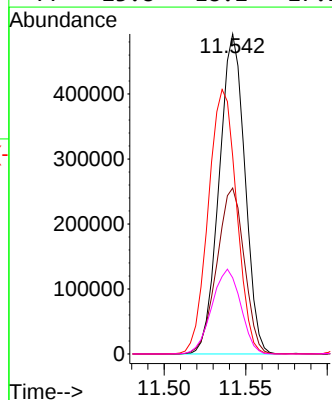
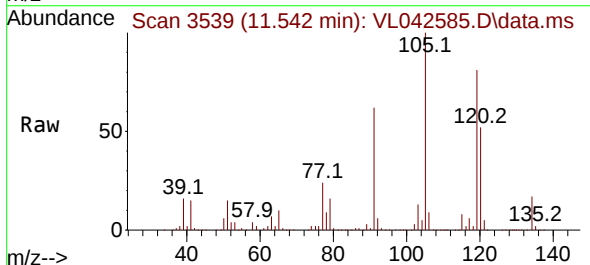
Manual Integrations
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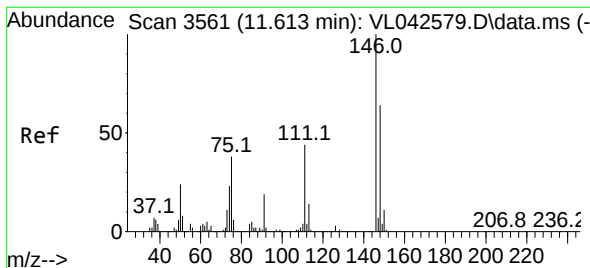
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#74
1,2,4-Trimethylbenzene
Concen: 12.854 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. -0.000 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24

Tgt Ion:105 Resp: 538704
Ion Ratio Lower Upper
105 100
120 51.8 40.8 61.2
91 61.8 46.8 70.2
77 23.8 18.2 27.2





#75

1,3-Dichlorobenzene

Concen: 13.203 ppbv

RT: 11.613 min Scan# 3561

Delta R.T. -0.000 min

Lab File: VL042585.D

Acq: 29 May 2025 14:24

Instrument :

MSVOA_L

ClientSampleId :

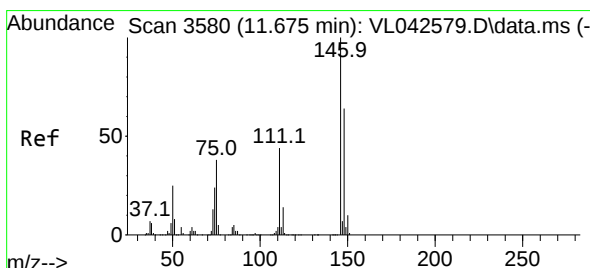
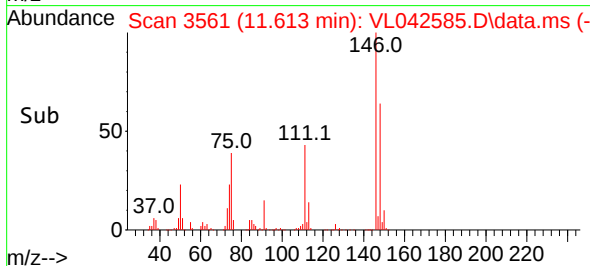
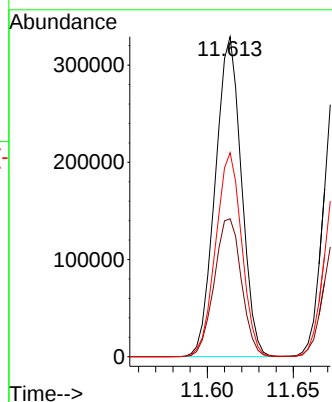
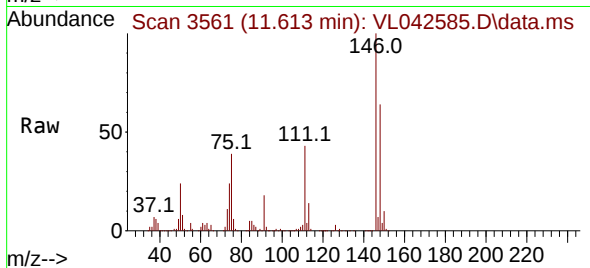
VSTDIC015

Tgt Ion:	146	Resp:	347478
Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.4	67.3
148	63.6	32.0	96.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#76

1,4-Dichlorobenzene

Concen: 13.363 ppbv

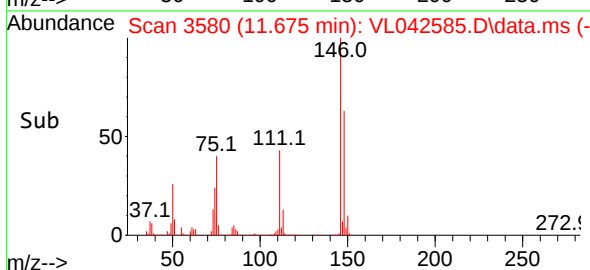
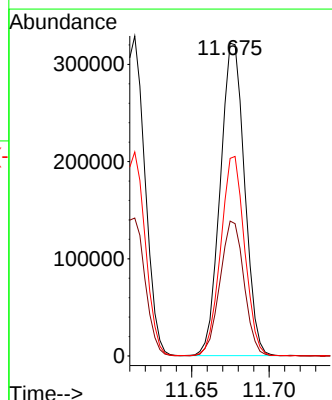
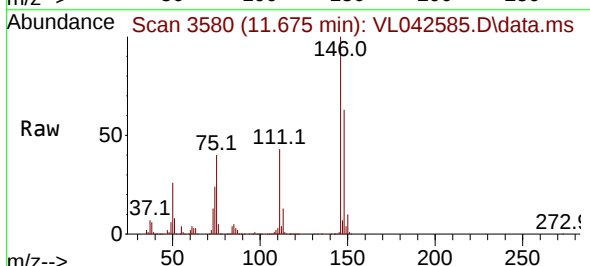
RT: 11.675 min Scan# 3580

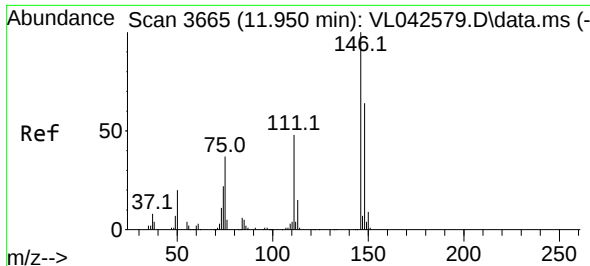
Delta R.T. -0.000 min

Lab File: VL042585.D

Acq: 29 May 2025 14:24

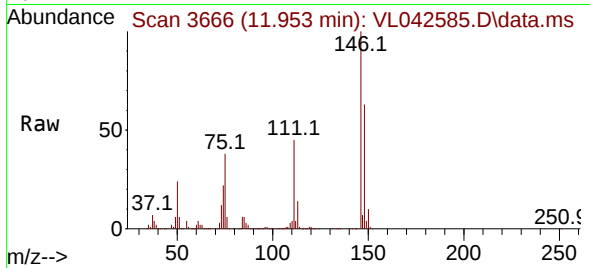
Tgt Ion:	146	Resp:	350757
Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.6	64.8
148	63.2	32.1	96.5





#77
1,2-Dichlorobenzene
Concen: 12.800 ppbv
RT: 11.953 min Scan# 3666
Delta R.T. 0.003 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24

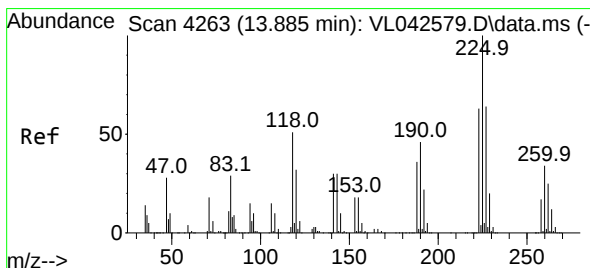
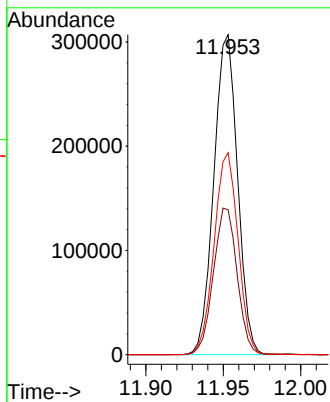
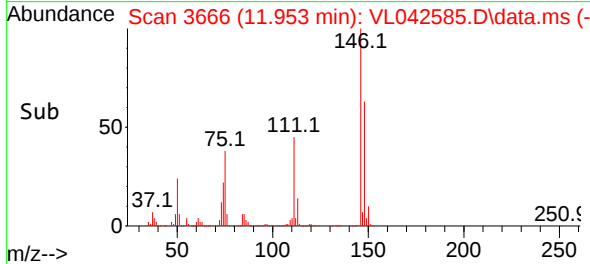
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



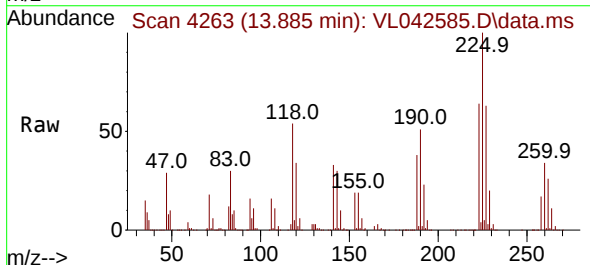
Tgt Ion:146 Resp: 326960
Ion Ratio Lower Upper
146 100
111 46.0 23.1 69.3
148 63.9 32.1 96.3

Manual Integrations
APPROVED

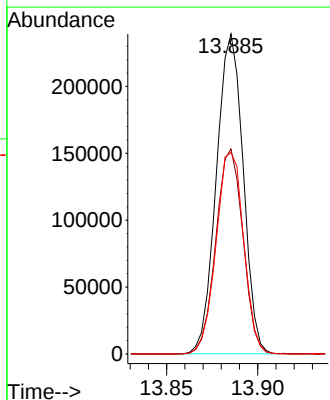
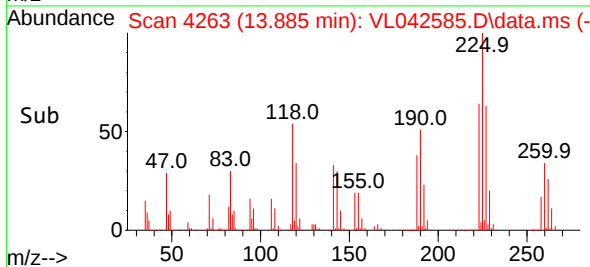
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

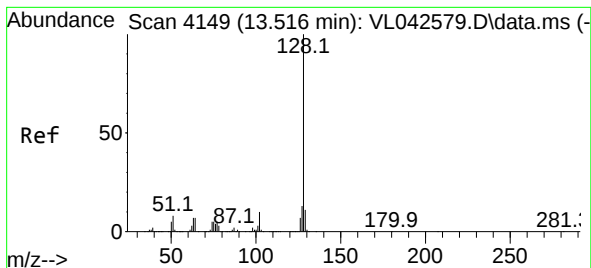


#78
Hexachloro-1,3-Butadiene
Concen: 11.563 ppbv
RT: 13.885 min Scan# 4263
Delta R.T. -0.000 min
Lab File: VL042585.D
Acq: 29 May 2025 14:24



Tgt Ion:225 Resp: 244375
Ion Ratio Lower Upper
225 100
223 64.8 50.2 75.4
227 64.8 51.1 76.7





#79

Naphthalene

Concen: 14.318 ppbv

RT: 13.516 min Scan# 4149

Delta R.T. -0.000 min

Lab File: VL042585.D

Acq: 29 May 2025 14:24

Instrument :

MSVOA_L

ClientSampleId :

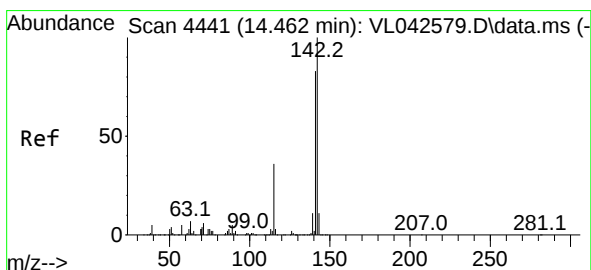
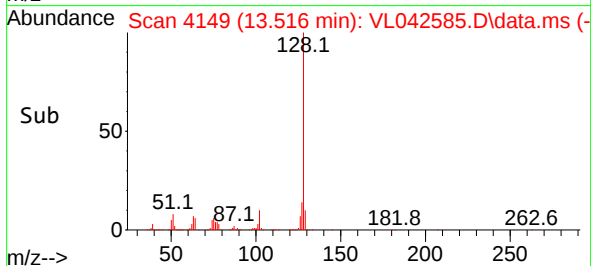
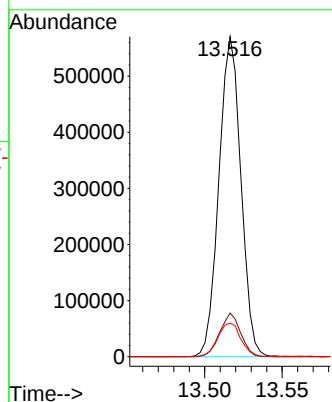
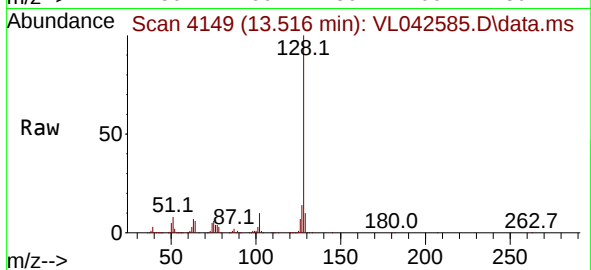
VSTDIC015

Tgt Ion:128	Resp: 56343
Ion Ratio	Lower Upper
128 100	
127 13.6	10.2 15.4
129 10.5	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#80

Naphthalene,2-methyl-

Concen: 17.196 ppbv

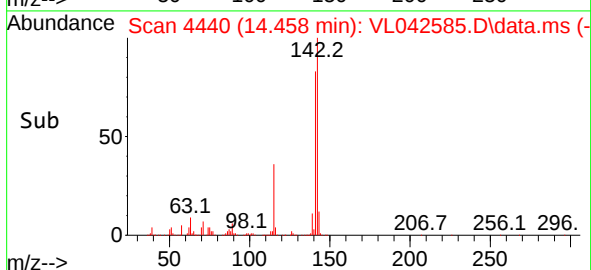
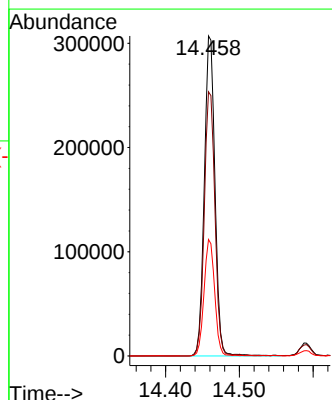
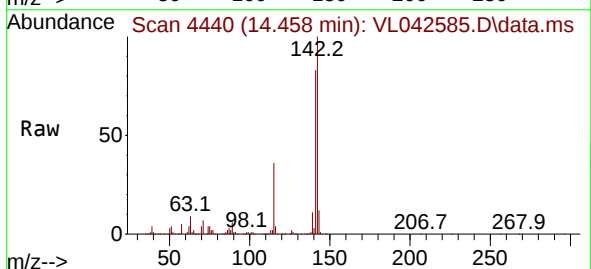
RT: 14.458 min Scan# 4440

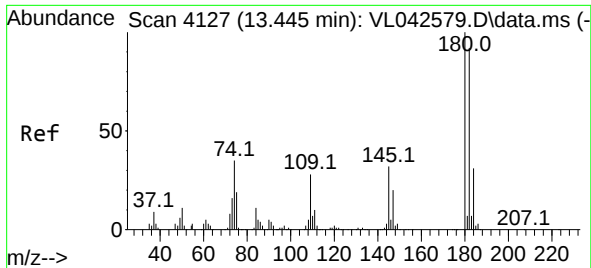
Delta R.T. -0.003 min

Lab File: VL042585.D

Acq: 29 May 2025 14:24

Tgt Ion:142	Resp: 306586
Ion Ratio	Lower Upper
142 100	
141 83.4	66.2 99.4
115 36.6	28.3 42.5





#81

1,2,4-Trichlorobenzene

Concen: 13.598 ppbv

RT: 13.445 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL042585.D

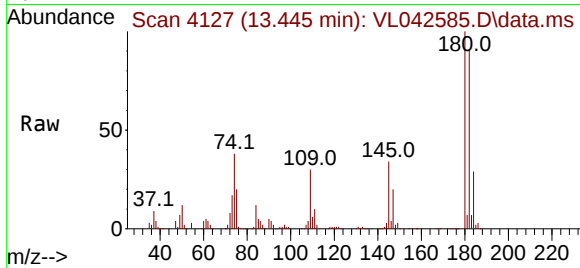
Acq: 29 May 2025 14:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015



Tgt Ion:180 Resp: 299869

Ion Ratio Lower Upper

180 100

182 94.5 75.0 112.4

184 29.9 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025

