

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070225\
 Data File : VL042695.D
 Acq On : 02 Jul 2025 11:39
 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 07/03/2025
 Supervised By : Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 01:29:48 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL070225AIR.M

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

QLast Update : Thu Jul 03 01:24:10 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.793	49	117105	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	296435	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	265053	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.386 95 209248 10.264 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	172151	14.041	ppbv	98
3) Chlorodifluoromethane	1.476	51	256009	13.966	ppbv	100
4) Chloromethane	1.534	50	67083	13.951	ppbv	95
5) Vinyl Chloride	1.583	62	61102	12.642	ppbv	100
6) Bromomethane	1.670	94	29264	13.554	ppbv	98
7) Chloroethane	1.706	64	25330	13.649	ppbv	99
8) Dichlorotetrafluoroethane	1.557	85	140342	13.817	ppbv	100
9) Propene	1.486	41	97807	14.259	ppbv	100
10) Heptane	4.991	43	308403	16.567	ppbv	99
11) Trichlorofluoromethane	1.881	101	180499	13.964	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.143	101	144195	14.093	ppbv	99
13) Ethanol	1.725	45	6502	9.979	ppbv	96
14) Bromoethene	1.783	108	50816	14.250	ppbv	99
15) Acetone	1.838	43	145775	12.551	ppbv	98
16) 1,3-Butadiene	1.612	39	72281	13.505	ppbv	100
17) tert-Butyl alcohol	2.042	59	158067	13.951	ppbv	99
18) 1,1-Dichloroethene	2.036	96	62555	13.761	ppbv	90
19) Isopropyl Alcohol	1.887	45	92196	13.811	ppbv #	1
20) Methylene Chloride	2.065	84	55096	12.405	ppbv	99
21) Allyl Chloride	2.101	41	119161	14.709	ppbv	99
22) trans-1,2-Dichloroethene	2.347	96	70815	14.302	ppbv	93
23) Vinyl Acetate	2.466	43	292863	15.582	ppbv	99
24) 1,1-Dichloroethane	2.411	63	143437	14.015	ppbv	99
25) Ethyl Acetate	2.839	43	532134	15.146	ppbv	99
26) Hexane	2.832	57	230010	15.692	ppbv	97
27) Carbon Disulfide	2.152	76	174309	14.583	ppbv	99
28) Methyl tert-Butyl Ether	2.444	73	79095	13.188	ppbv	98
29) Chloroform	2.855	83	311665	14.076	ppbv	97
30) Cyclohexane	3.865	84	182243	16.454	ppbv	97
31) cis-1,2-Dichloroethene	2.725	61	214573	15.381	ppbv	95
32) 1,1,1-Trichloroethane	3.376	97	288461	13.633	ppbv	99
34) 2-Butanone	2.560	43	349225	14.884	ppbv	100
35) Carbon Tetrachloride	3.771	117	289865	14.098	ppbv	98
36) Benzene	3.664	78	446618	14.948	ppbv	99
37) 1,2-Dichloroethane	3.224	62	227106	14.313	ppbv	100
38) Trichloroethene	4.561	130	180970	14.018	ppbv	95
39) 1,2-Dichloropropane	4.321	63	168680	14.469	ppbv	95
40) 1,4-Dioxane	4.593	88	69208m	15.450	ppbv	
41) Tetrahydrofuran	3.059	42	198055	16.565	ppbv	98
42) Bromodichloromethane	4.499	83	332896	14.812	ppbv	98
43) Methyl Methacrylate	4.891	69	170155	17.734	ppbv	98
44) 2,2,4-Trimethylpentane	4.651	57	787806	15.802	ppbv	100
45) t-1,3-Dichloropropene	6.428	75	179598	17.811	ppbv	99

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDIC015

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/03/2025
 Supervised By : Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 01:29:48 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL070225AIR.M

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

QLast Update : Thu Jul 03 01:24:10 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.612	75	236433	16.994	ppbv	98
47) 1,1,2-Trichloroethane	6.593	97	174366	15.194	ppbv	94
48) Dibromochloromethane	7.399	129	264716	15.064	ppbv	98
49) Bromoform	9.493	173	233294	15.371	ppbv	99
50) 4-Methyl-2-Pentanone	5.761	43	462742	16.873	ppbv	99
51) 2-Hexanone	7.448	43	373010	18.619	ppbv #	100
52) Tetrachloroethene	8.234	164	145442	14.514	ppbv	93
53) Toluene	6.946	91	492164	17.643	ppbv	100
54) 1,2-Dibromoethane	7.664	107	245738	15.345	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.933	131	200564	13.994	ppbv	98
57) Chlorobenzene	8.933	112	370383	13.928	ppbv	97
58) Ethyl Benzene	9.364	91	667210	17.407	ppbv	100
59) m/p-Xylene	9.561	91	1079169m	33.596	ppbv	
60) o-Xylene	9.972	91	528391	16.730	ppbv	98
61) Styrene	9.878	104	237027	19.104	ppbv	100
62) Isopropylbenzene	10.548	105	768857	16.128	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.972	83	331699	13.638	ppbv	98
64) n-propylbenzene	10.998	120	206336	16.907	ppbv	96
65) tert-Butylbenzene	11.539	119	650964	15.954	ppbv	100
66) Benzyl Chloride	11.623	91	72252	18.276	ppbv	100
67) sec-Butylbenzene	11.775	105	947810	15.163	ppbv	99
69) p-Isopropyltoluene	11.934	119	788083	15.841	ppbv	100
70) n-Butylbenzene	12.286	91	823159	16.424	ppbv	100
71) 2-Chlorotoluene	10.908	91	590171	16.735	ppbv	99
72) 4-Ethyltoluene	11.134	105	656169	17.026	ppbv	100
73) 1,3,5-Trimethylbenzene	11.212	105	536306	16.506	ppbv	99
74) 1,2,4-Trimethylbenzene	11.545	105	572169	15.437	ppbv	95
75) 1,3-Dichlorobenzene	11.616	146	373171	14.350	ppbv	99
76) 1,4-Dichlorobenzene	11.678	146	371536	15.054	ppbv	99
77) 1,2-Dichlorobenzene	11.956	146	356431	13.568	ppbv	99
78) Hexachloro-1,3-Butadiene	13.885	225	249100	12.174	ppbv	99
79) Naphthalene	13.520	128	583427	18.988	ppbv	99
80) Naphthalene,2-methyl-	14.461	142	289438	22.526	ppbv	99
81) 1,2,4-Trichlorobenzene	13.445	180	293572	16.284	ppbv	99

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

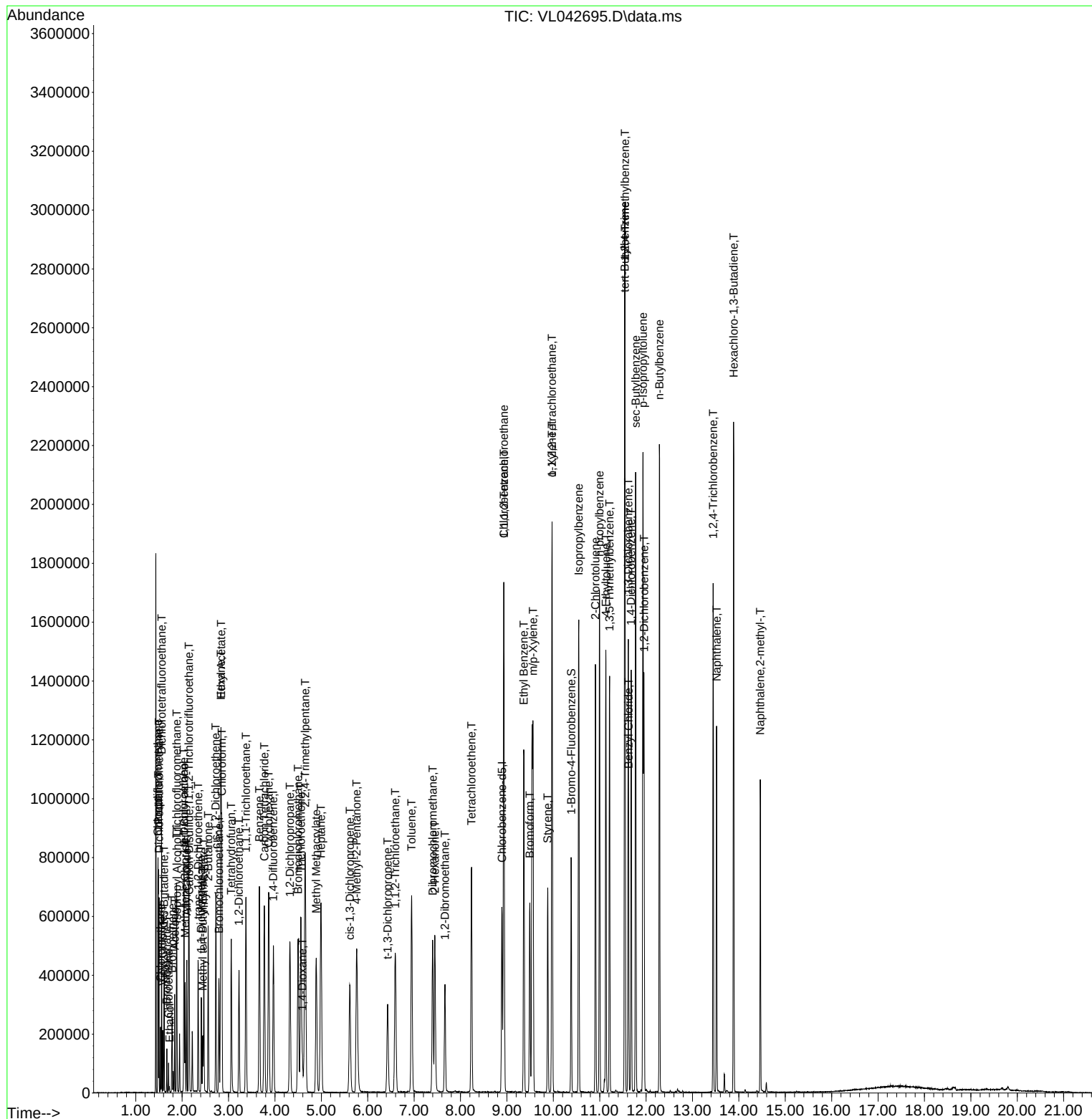
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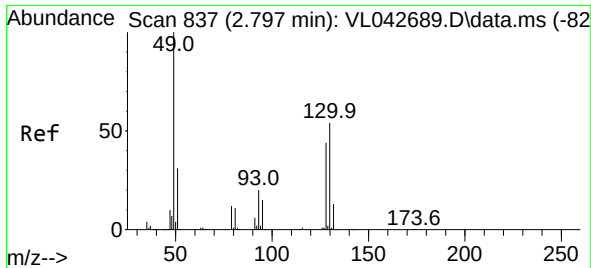
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/03/2025
 Supervised By :Mahesh Dadoda 07/03/2025

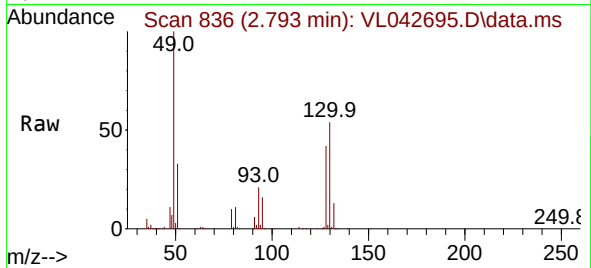
Quant Time: Jul 03 01:29:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL070225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
 QLast Update : Thu Jul 03 01:24:10 2025
 Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 81
Delta R.T. -0.004 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

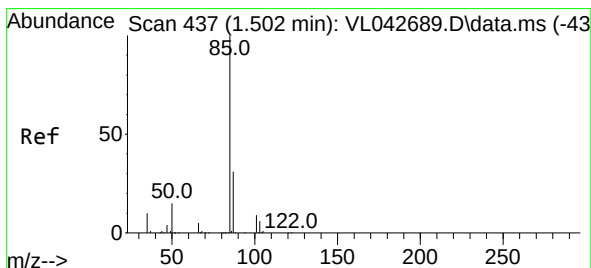
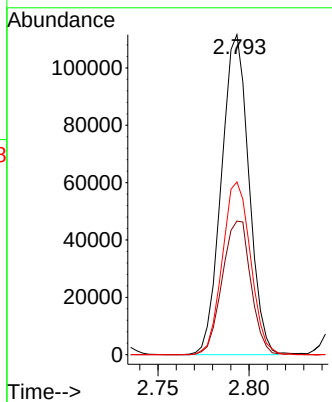
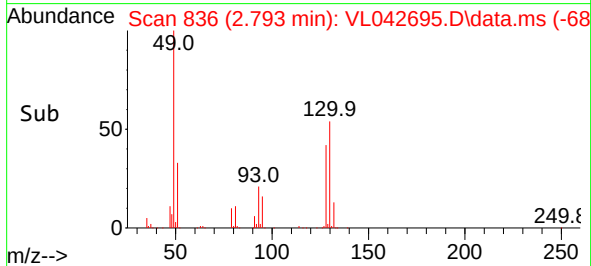
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 49 Resp: 11710
Ion Ratio Lower Upper
49 100
128 43.6 21.4 64.2
130 55.5 28.0 84.0

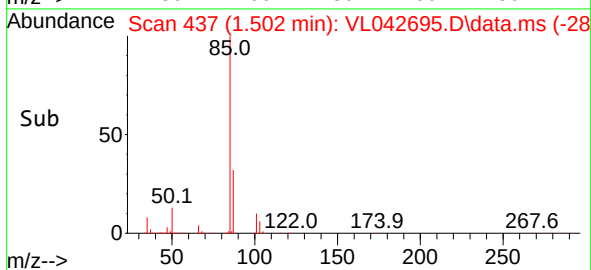
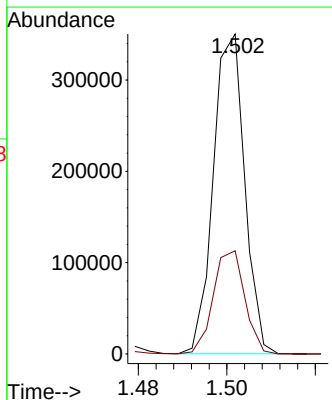
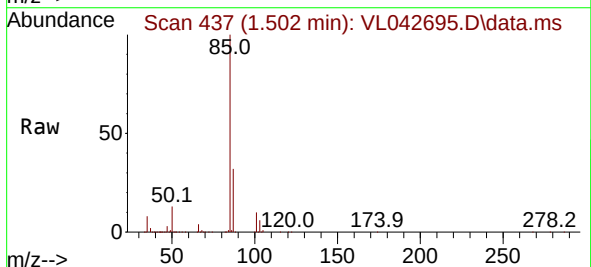
Manual Integrations
APPROVED

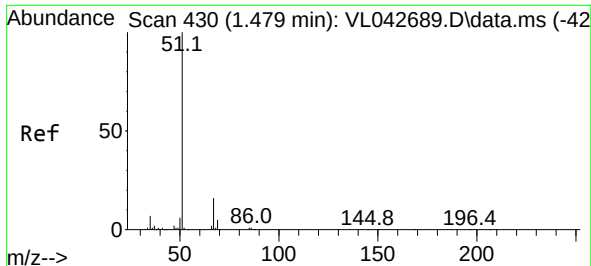
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#2
Dichlorodifluoromethane
Concen: 14.041 ppbv
RT: 1.502 min Scan# 437
Delta R.T. -0.000 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

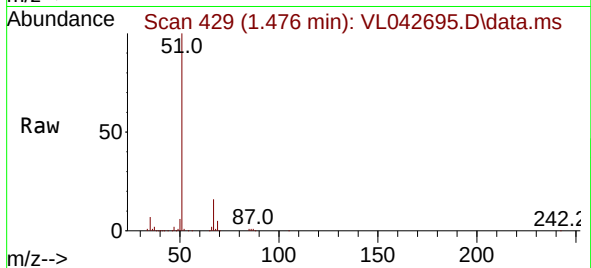
Tgt Ion: 85 Resp: 172151
Ion Ratio Lower Upper
85 100
87 32.2 25.1 37.7





#3
Chlorodifluoromethane
Concen: 13.966 ppbv
RT: 1.476 min Scan# 430
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

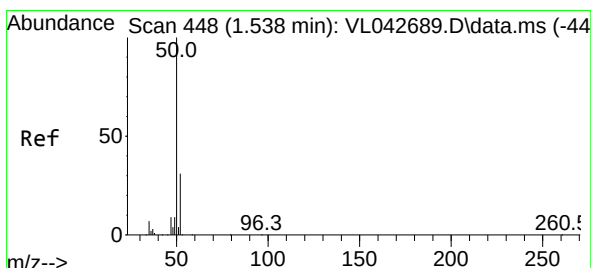
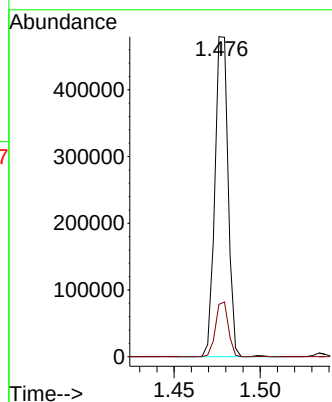
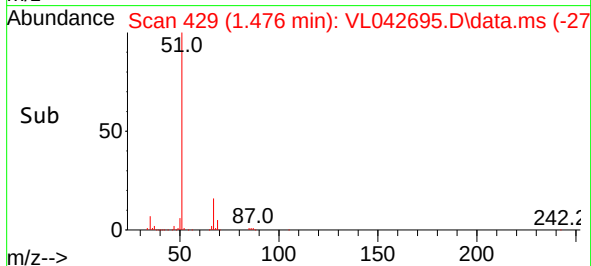
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



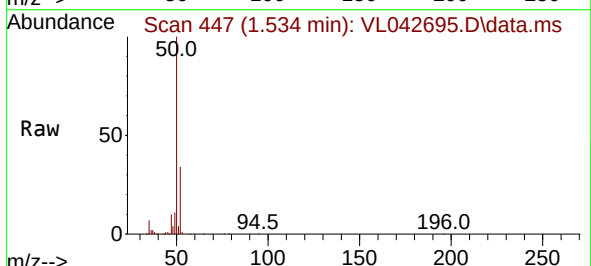
Tgt Ion: 51 Resp: 256009
Ion Ratio Lower Upper
51 100
67 16.6 13.1 19.7

Manual Integrations
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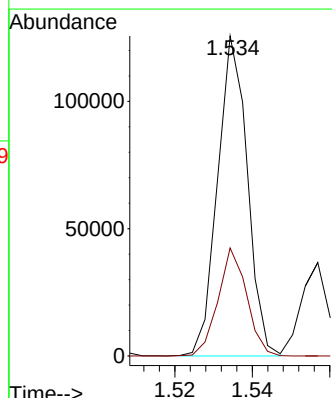
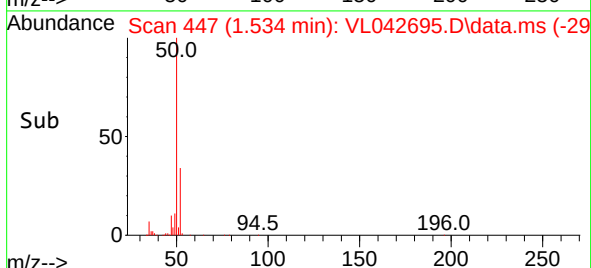
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

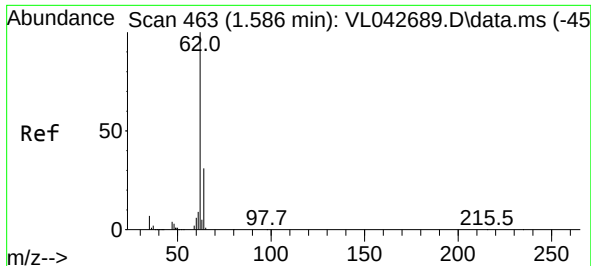


#4
Chloromethane
Concen: 13.951 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39



Tgt Ion: 50 Resp: 67083
Ion Ratio Lower Upper
50 100
52 33.7 24.8 37.2





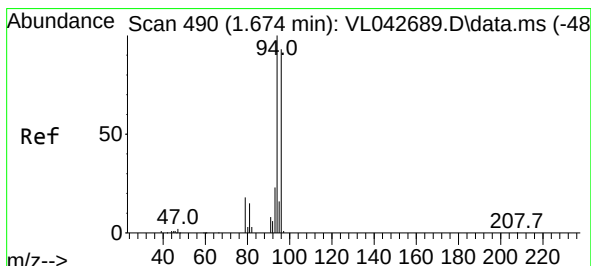
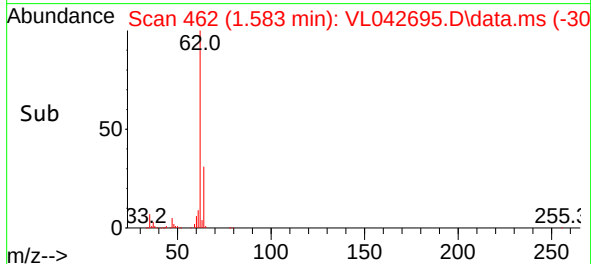
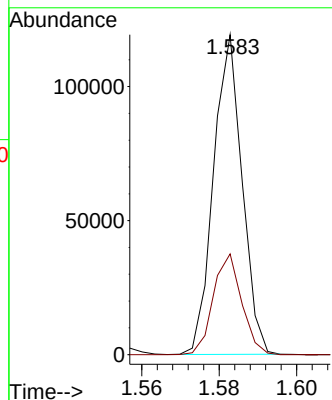
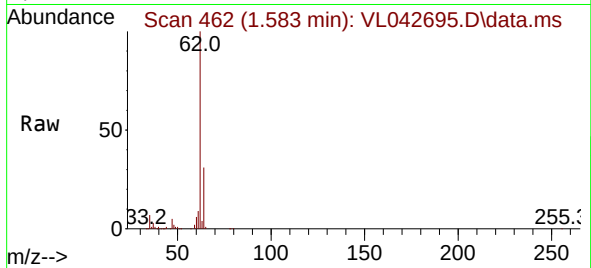
#5
 Vinyl Chloride
 Concen: 12.642 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. -0.003 min
 Lab File: VL042695.D
 Acq: 02 Jul 2025 11:39

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion: 62 Resp: 6110
 Ion Ratio Lower Upper
 62 100
 64 31.5 25.1 37.7

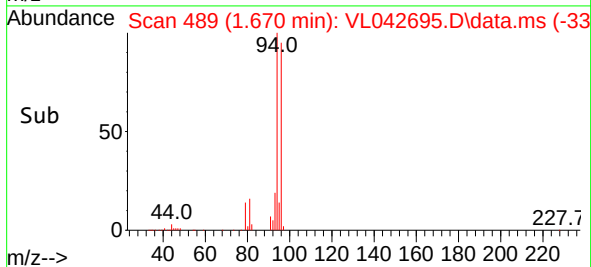
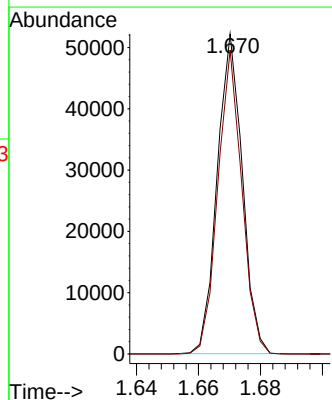
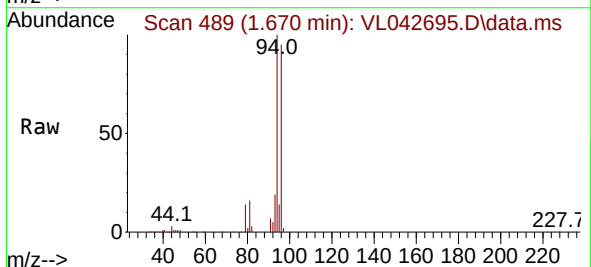
Manual Integrations
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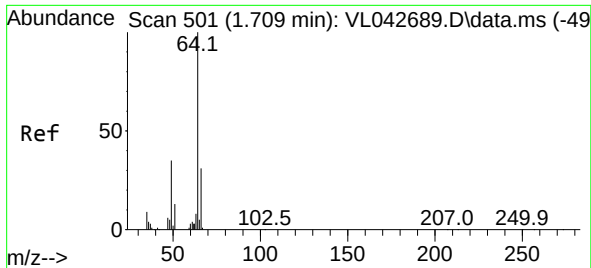
Reviewed By :Semsettin Yesilyurt 07/03/2025
 Supervised By :Mahesh Dadoda 07/03/2025



#6
 Bromomethane
 Concen: 13.554 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.003 min
 Lab File: VL042695.D
 Acq: 02 Jul 2025 11:39

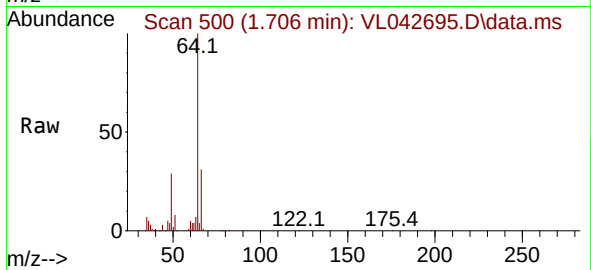
Tgt Ion: 94 Resp: 29264
 Ion Ratio Lower Upper
 94 100
 96 95.1 74.6 112.0





#7
Chloroethane
Concen: 13.649 ppbv
RT: 1.706 min Scan# 501
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

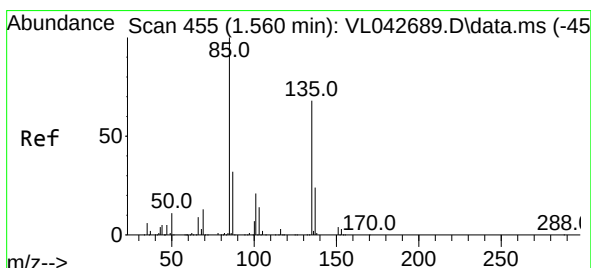
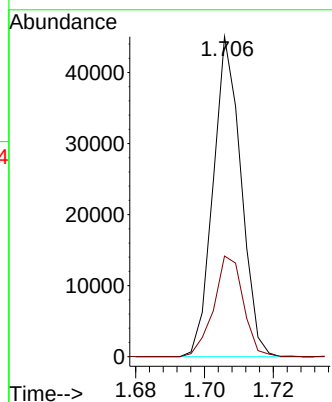
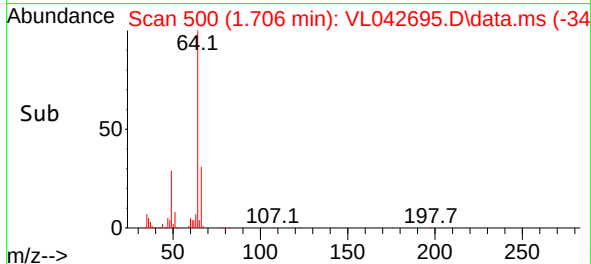
Instrument :
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ClientSampleId :
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Tgt Ion: 64 Resp: 25330
Ion Ratio Lower Upper
64 100
66 31.4 24.7 37.1

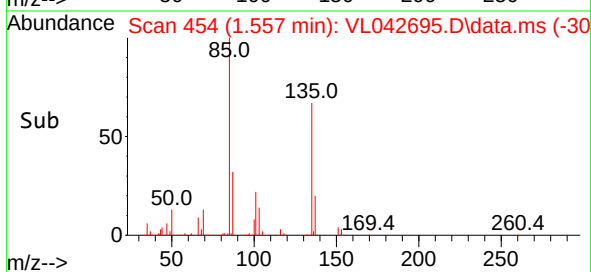
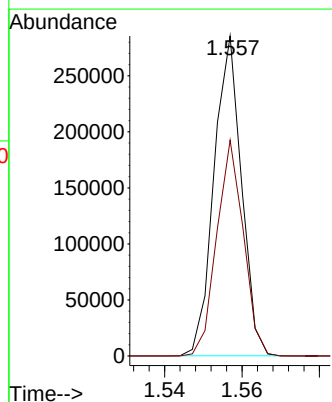
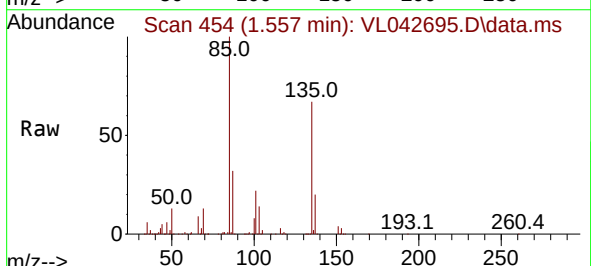
Manual Integrations
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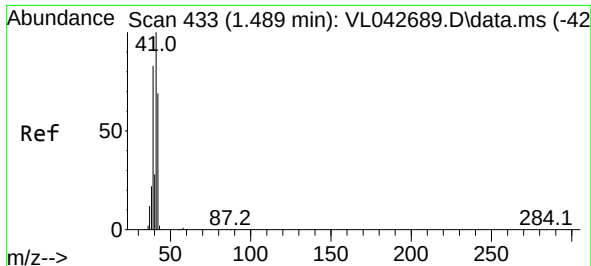
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#8
Dichlorotetrafluoroethane
Concen: 13.817 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

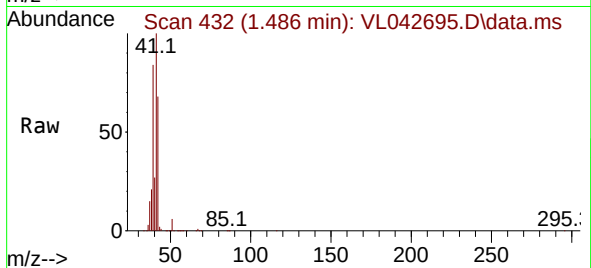
Tgt Ion: 85 Resp: 140342
Ion Ratio Lower Upper
85 100
135 65.7 52.6 79.0





#9
 Propene
 Concen: 14.259 ppbv
 RT: 1.486 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL042695.D
 Acq: 02 Jul 2025 11:39

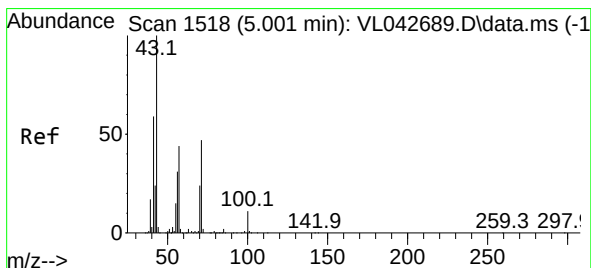
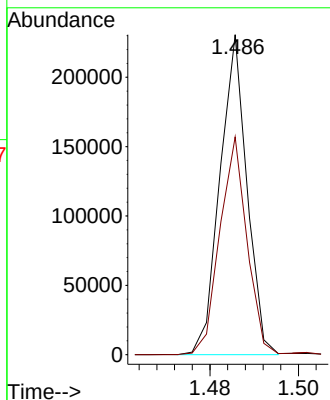
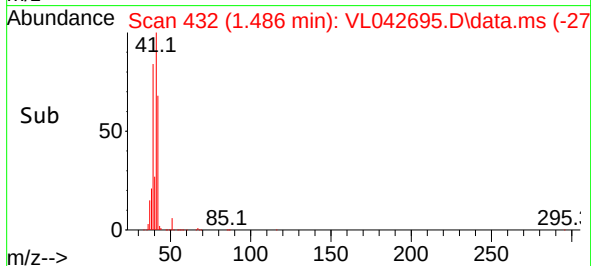
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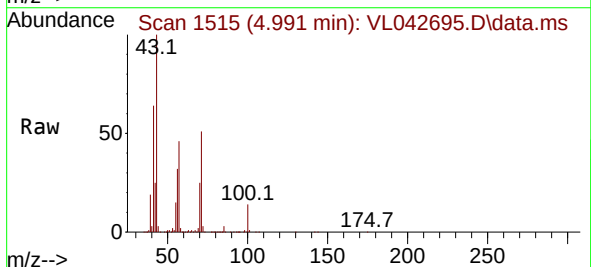
Tgt Ion: 41 Resp: 9780
 Ion Ratio Lower Upper
 41 100
 42 69.3 55.6 83.4

Manual Integrations
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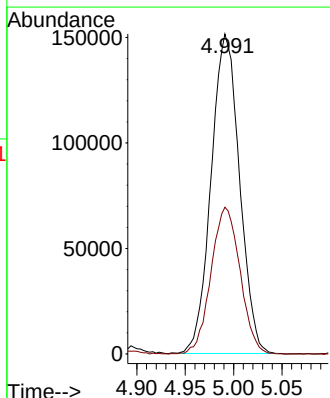
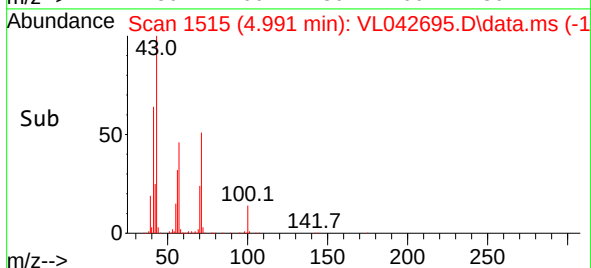
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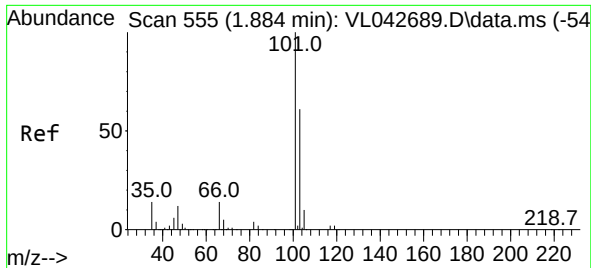


#10
 Heptane
 Concen: 16.567 ppbv
 RT: 4.991 min Scan# 1515
 Delta R.T. -0.010 min
 Lab File: VL042695.D
 Acq: 02 Jul 2025 11:39



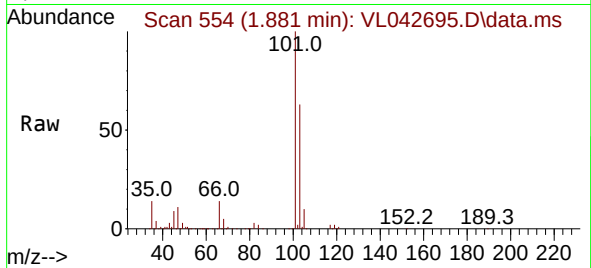
Tgt Ion: 43 Resp: 308403
 Ion Ratio Lower Upper
 43 100
 57 47.1 37.4 56.0





#11
Trichlorofluoromethane
Concen: 13.964 ppbv
RT: 1.881 min Scan# 511
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

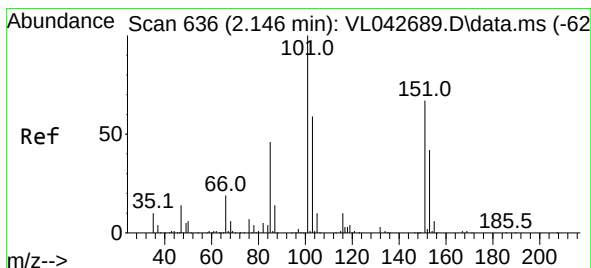
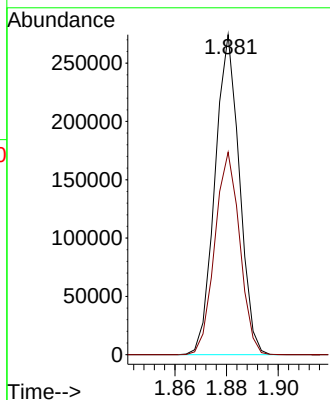
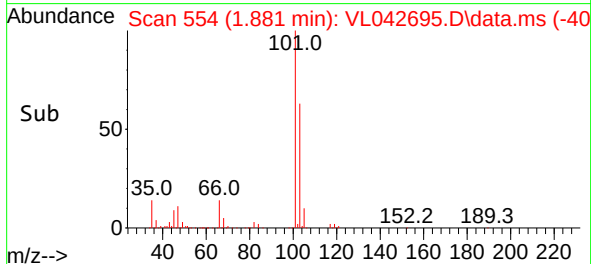
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



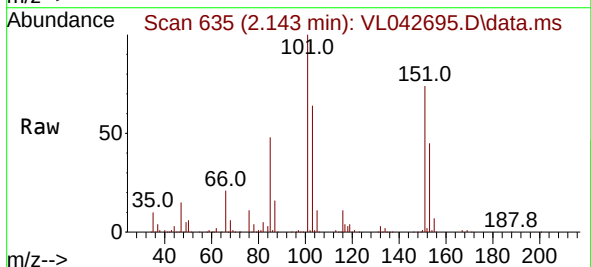
Tgt Ion:101 Resp: 180495
Ion Ratio Lower Upper
101 100
103 63.2 48.9 73.3

Manual Integrations
APPROVED

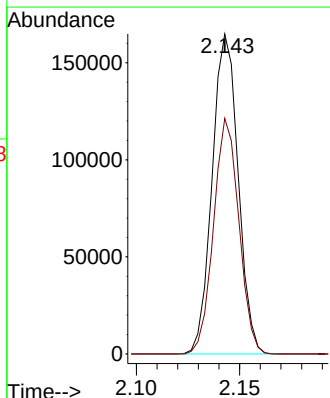
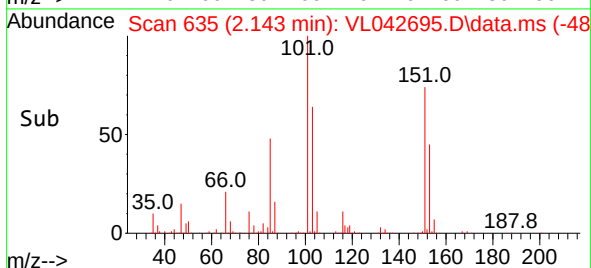
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

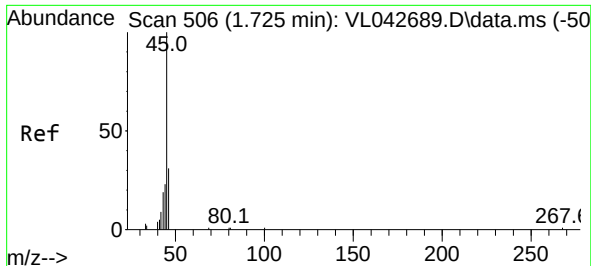


#12
1,1,2-Trichlorotrifluoroethane
Concen: 14.093 ppbv
RT: 2.143 min Scan# 635
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39



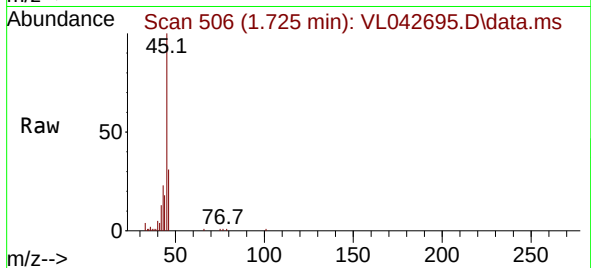
Tgt Ion:101 Resp: 144195
Ion Ratio Lower Upper
101 100
151 71.8 56.6 84.8





#13
Ethanol
Concen: 9.979 ppbv
RT: 1.725 min Scan# 506
Delta R.T. -0.000 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

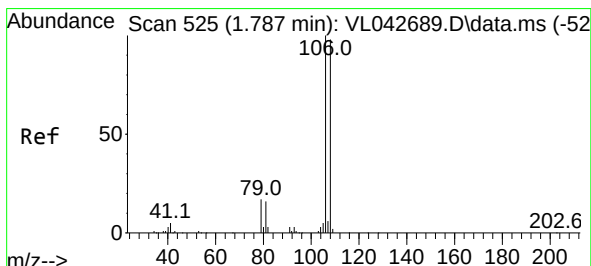
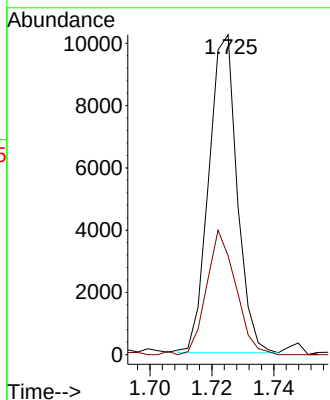
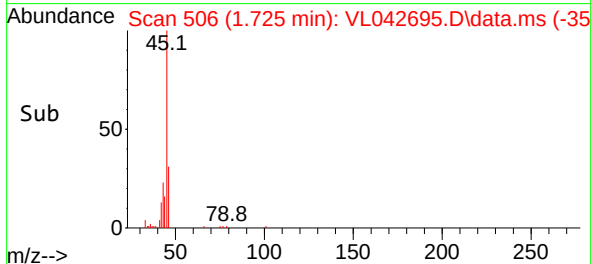
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



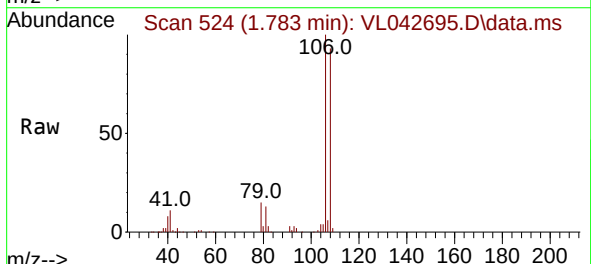
Tgt Ion: 45 Resp: 6502
Ion Ratio Lower Upper
45 100
46 40.4 15.2 60.8

Manual Integrations
APPROVED

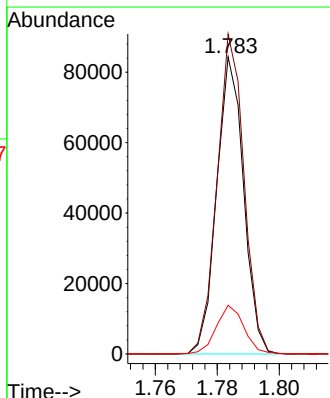
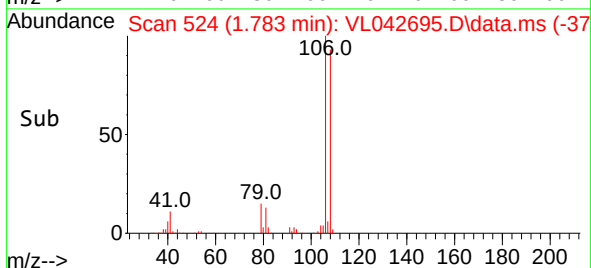
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

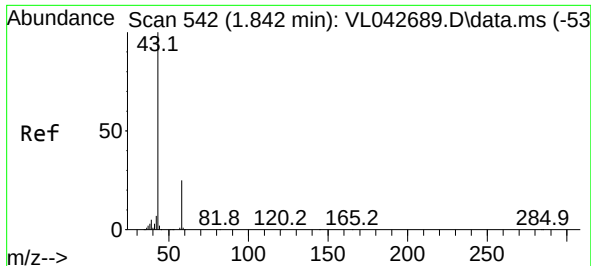


#14
Bromoethene
Concen: 14.250 ppbv
RT: 1.783 min Scan# 524
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39



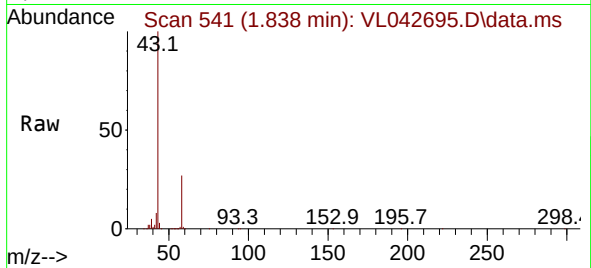
Tgt Ion:108 Resp: 50816
Ion Ratio Lower Upper
108 100
106 107.8 85.9 128.9
79 17.1 14.5 21.7





#15
Acetone
Concen: 12.551 ppbv
RT: 1.838 min Scan# 541
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

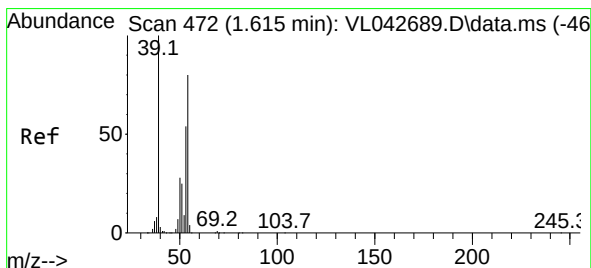
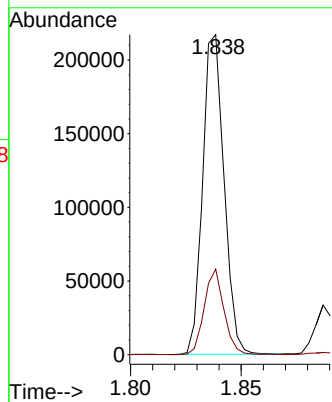
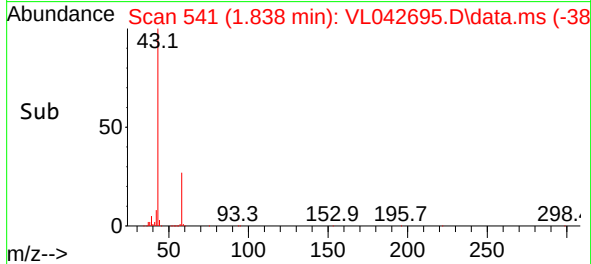
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



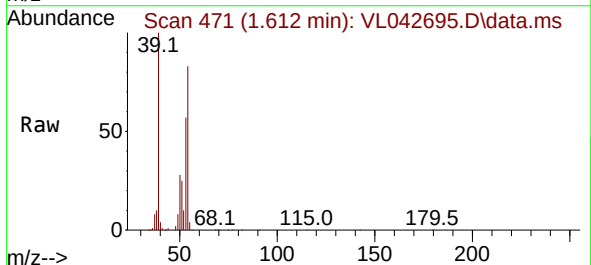
Tgt Ion: 43 Resp: 145775
Ion Ratio Lower Upper
43 100
58 24.8 20.6 31.0

Manual Integrations
APPROVED

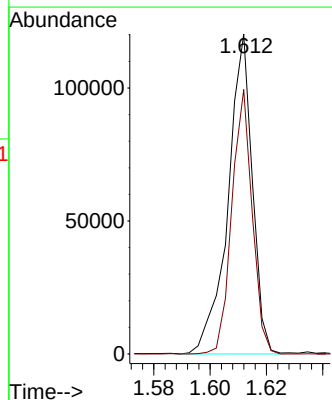
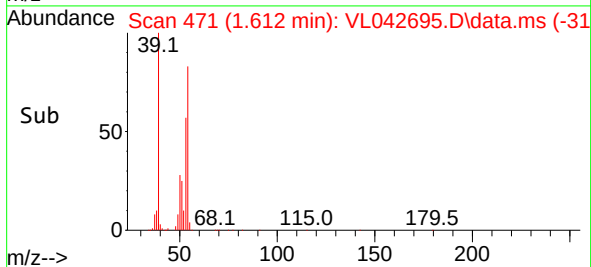
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

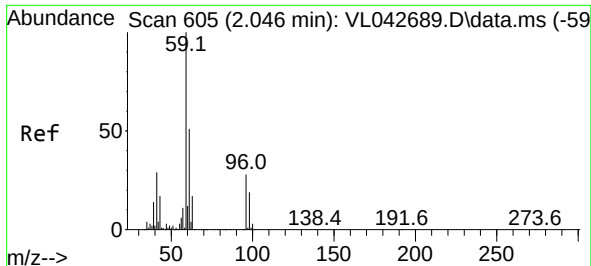


#16
1,3-Butadiene
Concen: 13.505 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39



Tgt Ion: 39 Resp: 72281
Ion Ratio Lower Upper
39 100
54 68.9 54.9 82.3





#17

tert-Butyl alcohol

Concen: 13.951 ppbv

RT: 2.042 min Scan# 605

Delta R.T. -0.003 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 59 Resp: 15806

Ion Ratio Lower Upper

59 100

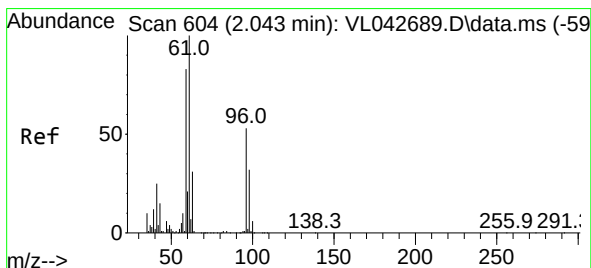
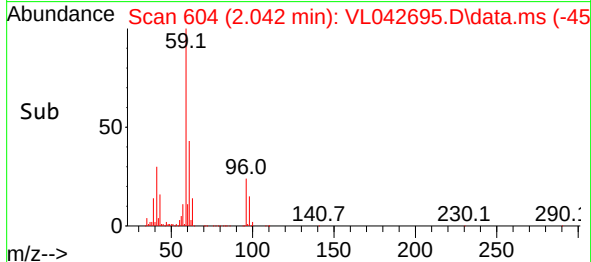
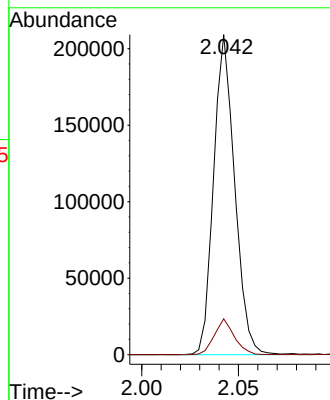
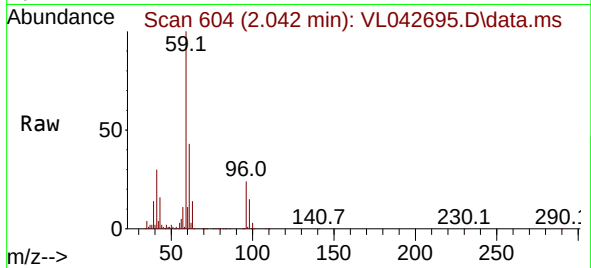
57 10.7 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#18

1,1-Dichloroethene

Concen: 13.761 ppbv

RT: 2.036 min Scan# 602

Delta R.T. -0.007 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

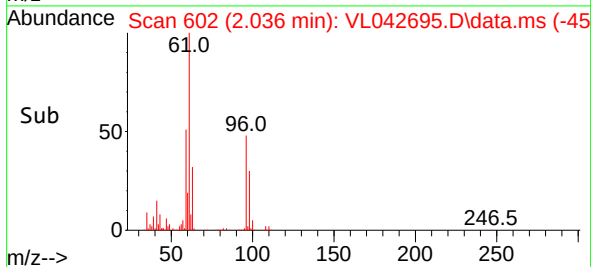
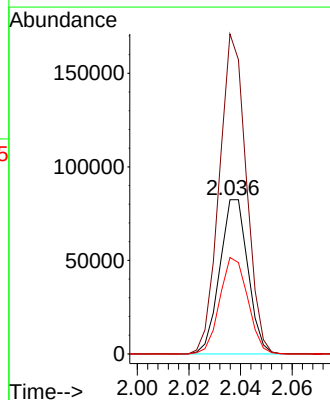
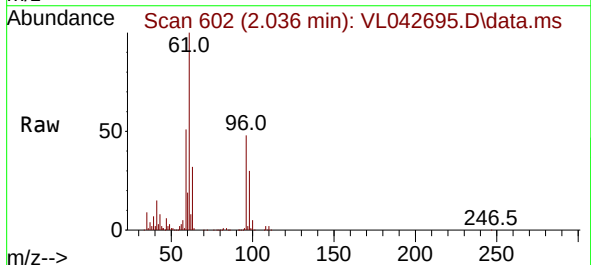
Tgt Ion: 96 Resp: 62555

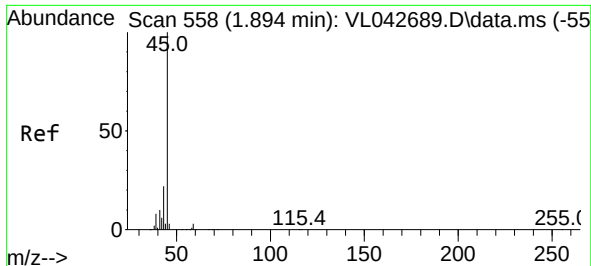
Ion Ratio Lower Upper

96 100

61 207.5 151.0 226.6

98 62.5 49.0 73.4





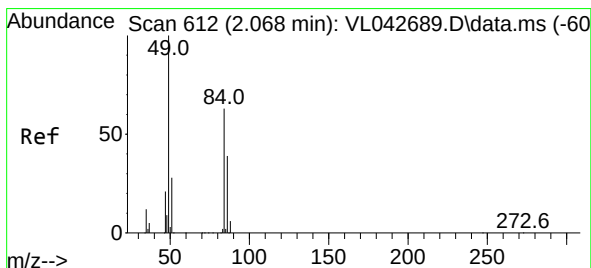
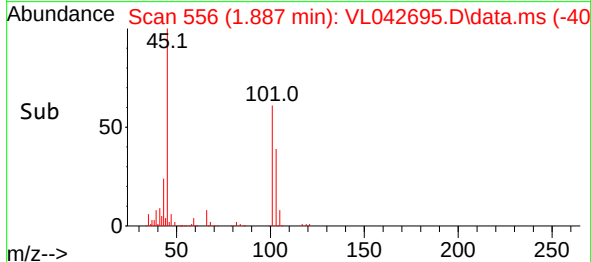
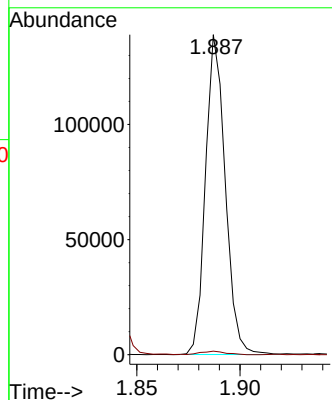
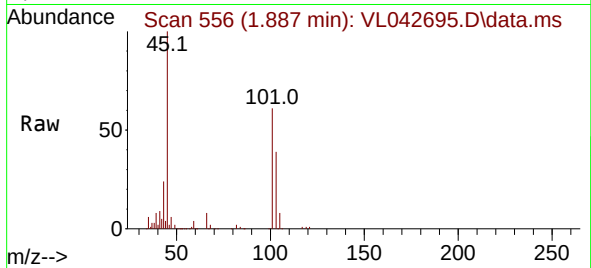
#19
Isopropyl Alcohol
Concen: 13.811 ppbv
RT: 1.887 min Scan# 519
Delta R.T. -0.007 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 45 Resp: 92190
Ion Ratio Lower Upper
45 100
58 39.2 1.4 2.2

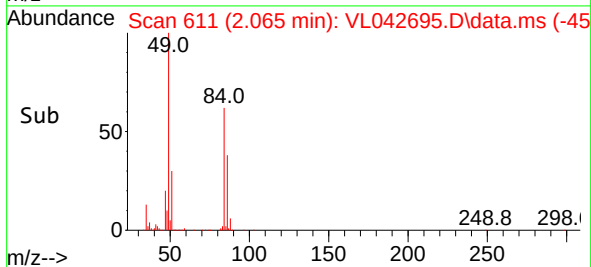
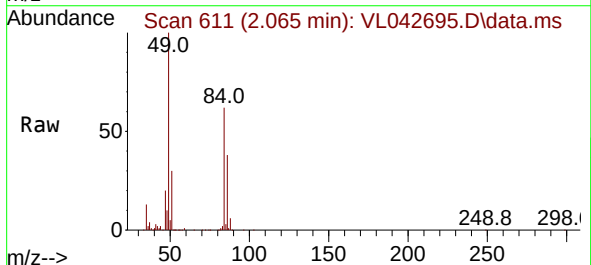
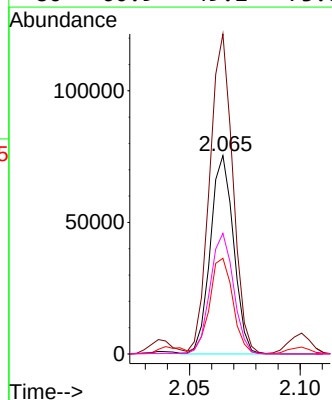
Manual Integrations
APPROVED

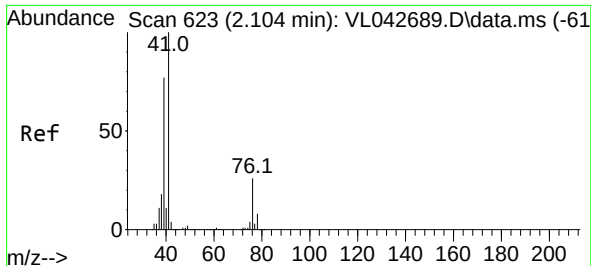
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#20
Methylene Chloride
Concen: 12.405 ppbv
RT: 2.065 min Scan# 611
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

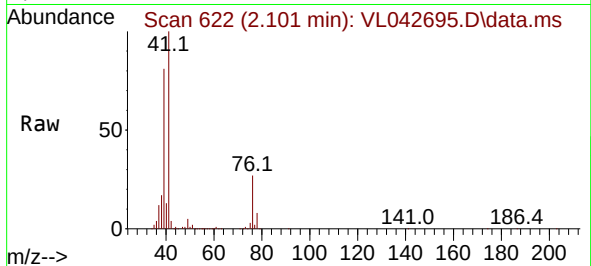
Tgt Ion: 84 Resp: 55096
Ion Ratio Lower Upper
84 100
49 159.3 128.6 193.0
51 47.6 37.4 56.2
86 60.9 49.2 73.8





#21
 Allyl Chloride
 Concen: 14.709 ppbv
 RT: 2.101 min Scan# 611
 Delta R.T. -0.003 min
 Lab File: VL042695.D
 Acq: 02 Jul 2025 11:39

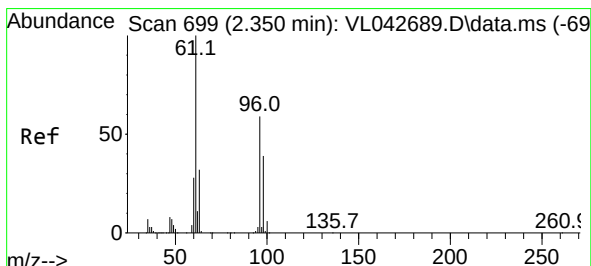
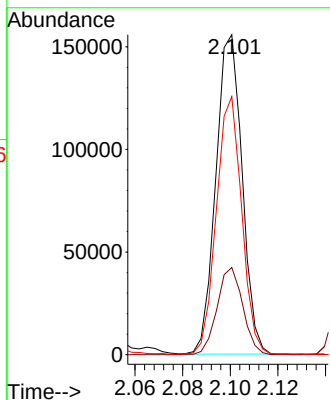
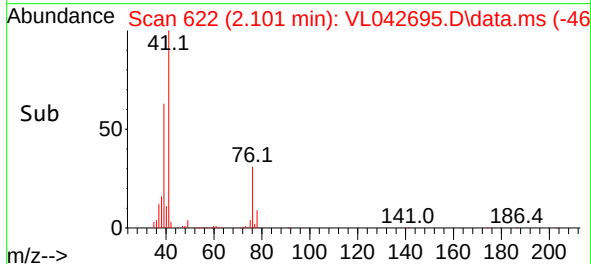
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



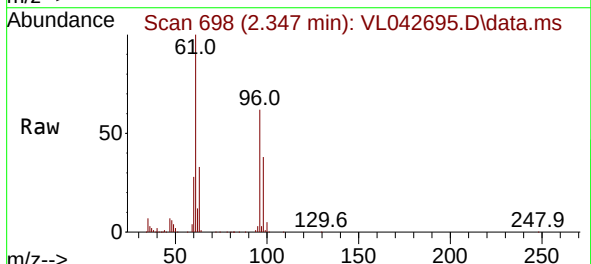
Tgt Ion: 41 Resp: 11916
 Ion Ratio Lower Upper
 41 100
 76 26.7 21.7 32.5
 39 77.8 63.4 95.2

Manual Integrations
 APPROVED

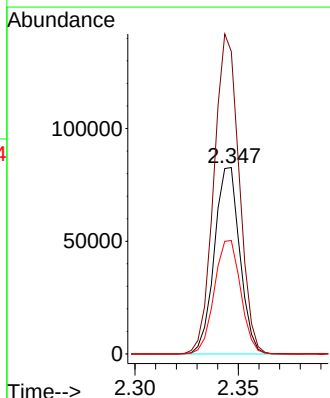
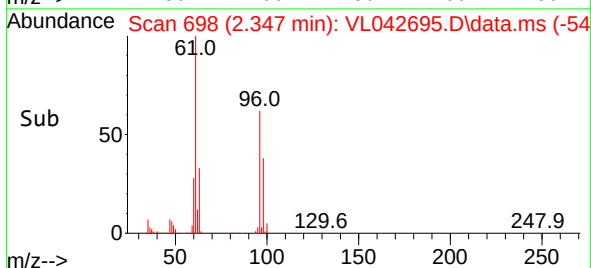
Reviewed By :Semsettin Yesilyurt 07/03/2025
 Supervised By :Mahesh Dadoda 07/03/2025

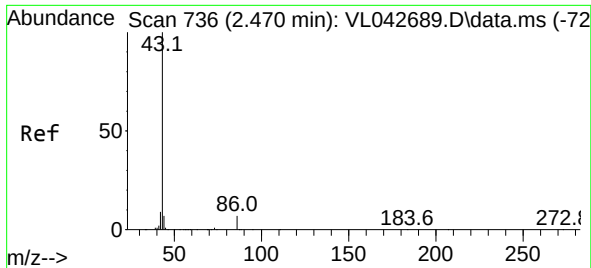


#22
 trans-1,2-Dichloroethene
 Concen: 14.302 ppbv
 RT: 2.347 min Scan# 698
 Delta R.T. -0.003 min
 Lab File: VL042695.D
 Acq: 02 Jul 2025 11:39



Tgt Ion: 96 Resp: 70815
 Ion Ratio Lower Upper
 96 100
 61 162.2 136.5 204.7
 98 60.8 53.5 80.3





#23
 Vinyl Acetate
 Concen: 15.582 ppbv
 RT: 2.466 min Scan# 718
 Delta R.T. -0.003 min
 Lab File: VL042695.D
 Acq: 02 Jul 2025 11:39

Instrument :

MSVOA_L

ClientSampleId :

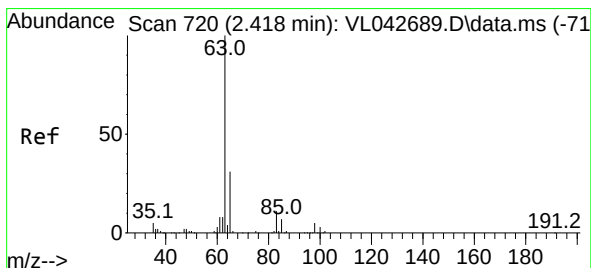
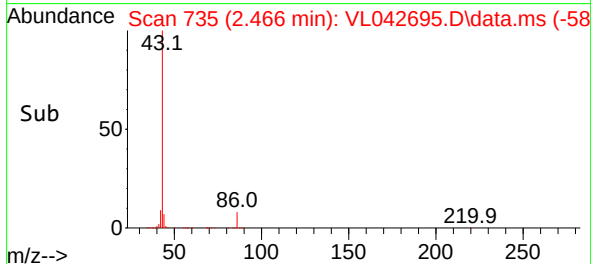
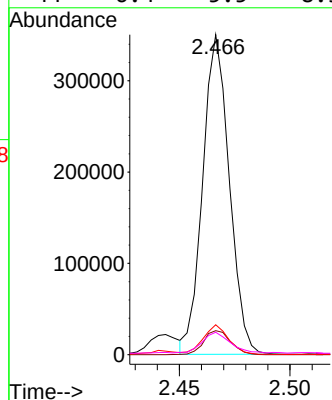
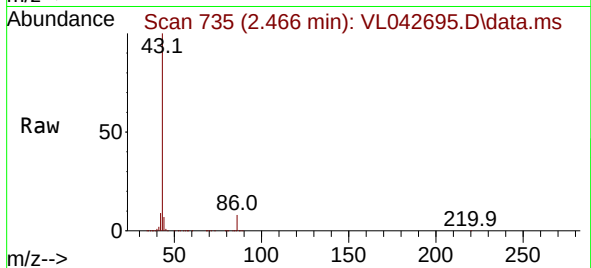
VSTDICC015

Tgt Ion: 43 Resp: 29286
 Ion Ratio Lower Upper
 43 100
 86 7.5 5.8 8.6
 42 9.3 7.2 10.8
 44 6.4 5.5 8.3

Manual Integrations

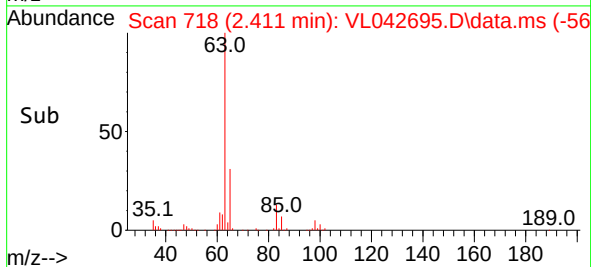
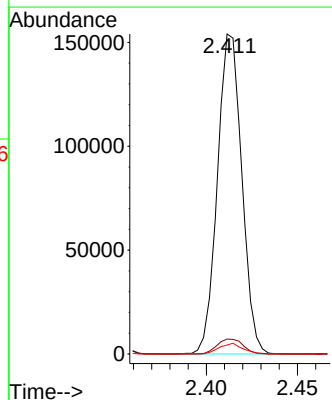
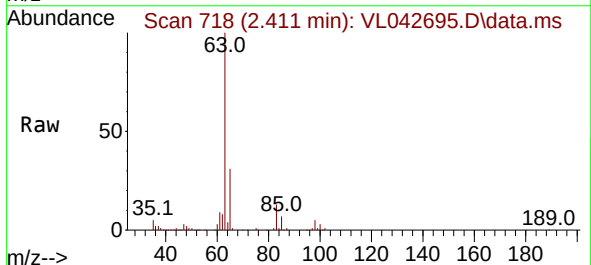
APPROVED

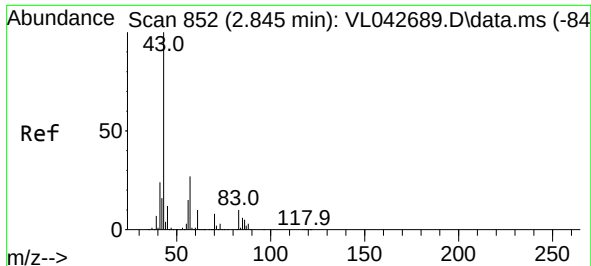
Reviewed By :Semsettin Yesilyurt 07/03/2025
 Supervised By :Mahesh Dadoda 07/03/2025



#24
 1,1-Dichloroethane
 Concen: 14.015 ppbv
 RT: 2.411 min Scan# 718
 Delta R.T. -0.007 min
 Lab File: VL042695.D
 Acq: 02 Jul 2025 11:39

Tgt Ion: 63 Resp: 143437
 Ion Ratio Lower Upper
 63 100
 98 4.6 2.5 7.6
 100 2.8 1.7 5.0





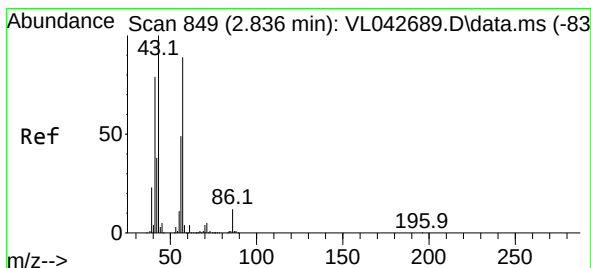
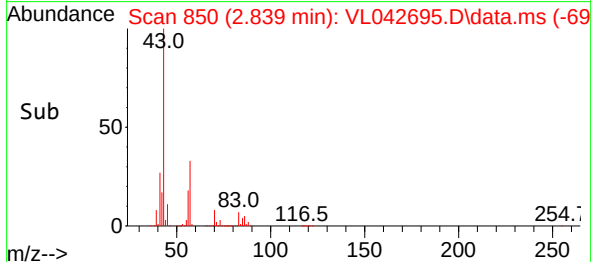
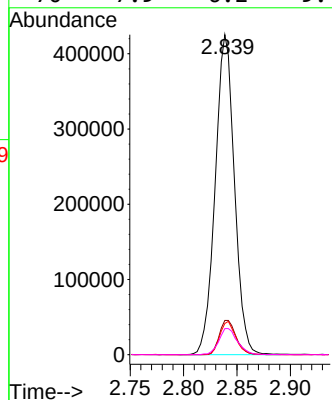
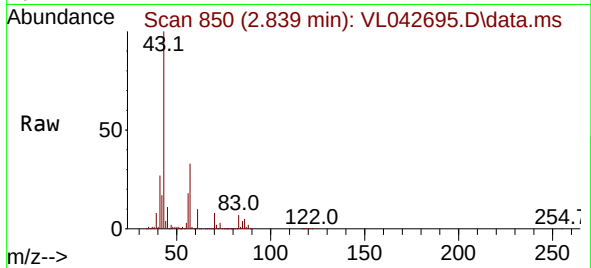
#25
Ethyl Acetate
Concen: 15.146 ppbv
RT: 2.839 min Scan# 81
Delta R.T. -0.007 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 43 Resp: 532134
Ion Ratio Lower Upper
43 100
45 9.4 8.1 12.1
61 8.7 7.0 10.6
70 7.9 6.2 9.4

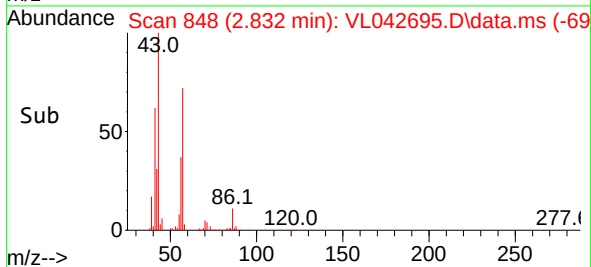
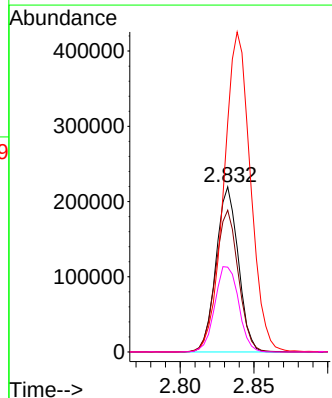
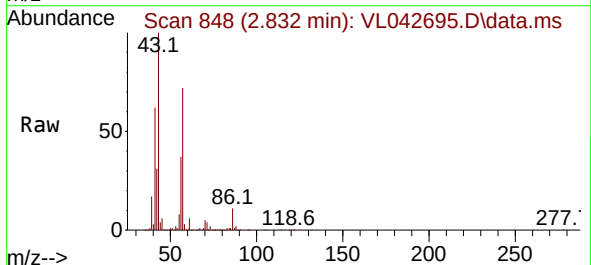
Manual Integrations
APPROVED

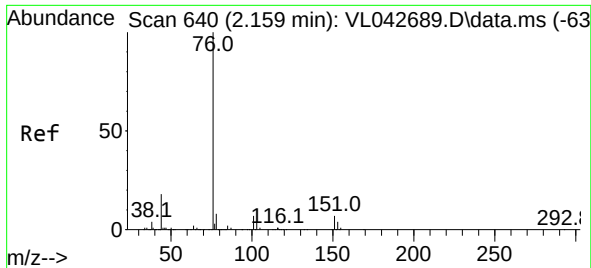
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#26
Hexane
Concen: 15.692 ppbv
RT: 2.832 min Scan# 848
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

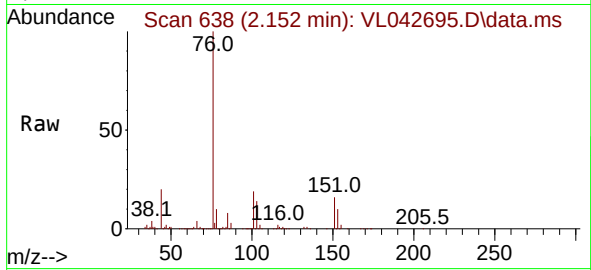
Tgt Ion: 57 Resp: 230010
Ion Ratio Lower Upper
57 100
41 89.1 73.7 110.5
43 231.8 190.6 285.8
56 55.5 44.8 67.2





#27
Carbon Disulfide
Concen: 14.583 ppbv
RT: 2.152 min Scan# 611
Delta R.T. -0.007 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

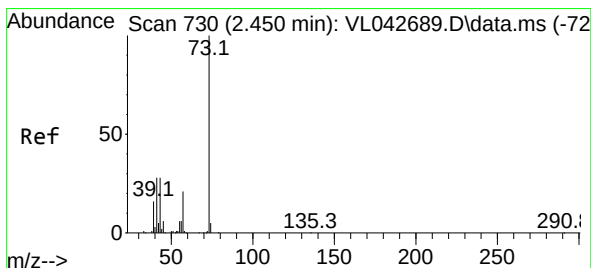
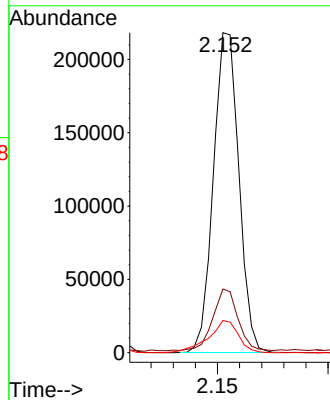
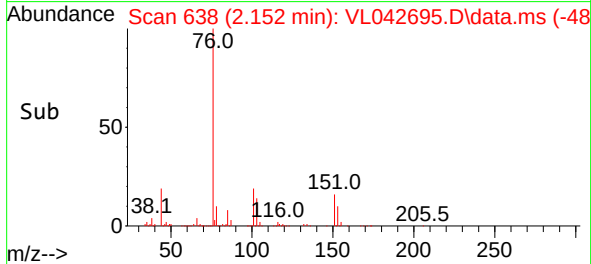
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 76 Resp: 174309
Ion Ratio Lower Upper
76 100
44 19.2 15.6 23.4
78 11.8 9.2 13.8

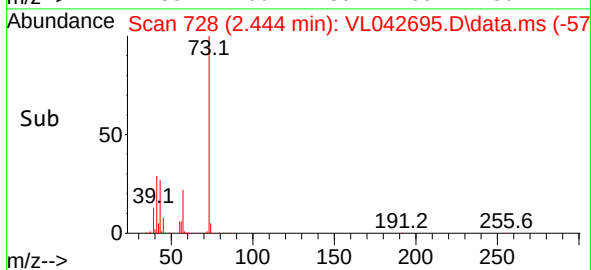
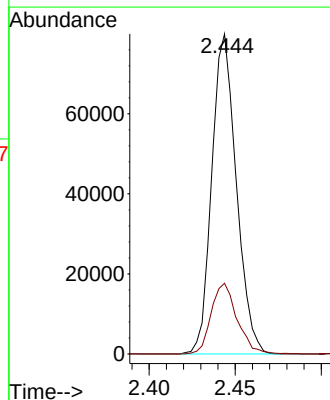
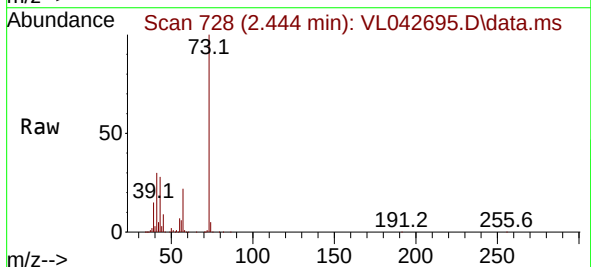
Manual Integrations
APPROVED

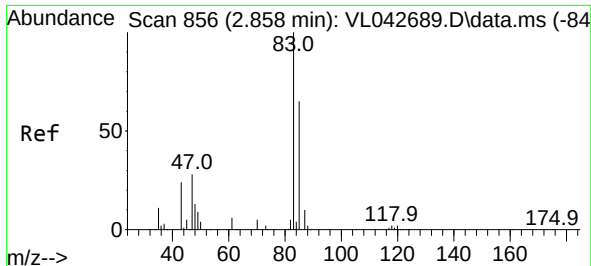
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#28
Methyl tert-Butyl Ether
Concen: 13.188 ppbv
RT: 2.444 min Scan# 728
Delta R.T. -0.007 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

Tgt Ion: 73 Resp: 79095
Ion Ratio Lower Upper
73 100
57 23.3 19.3 28.9





#29

Chloroform

Concen: 14.076 ppbv

RT: 2.855 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 83 Resp: 31166

Ion Ratio Lower Upper

83 100

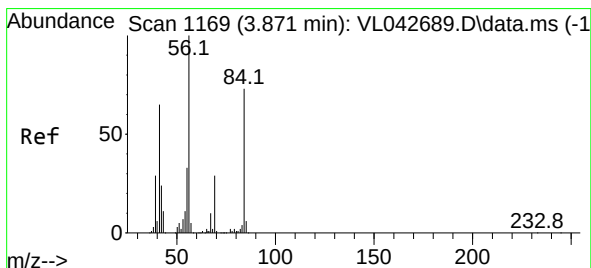
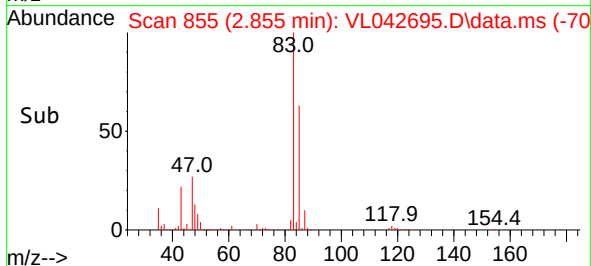
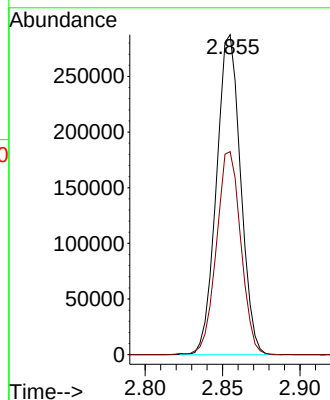
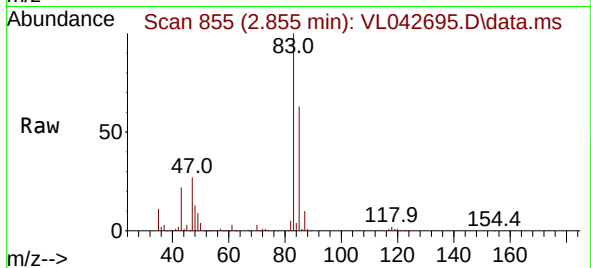
85 63.5 52.4 78.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#30

Cyclohexane

Concen: 16.454 ppbv

RT: 3.865 min Scan# 1167

Delta R.T. -0.007 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

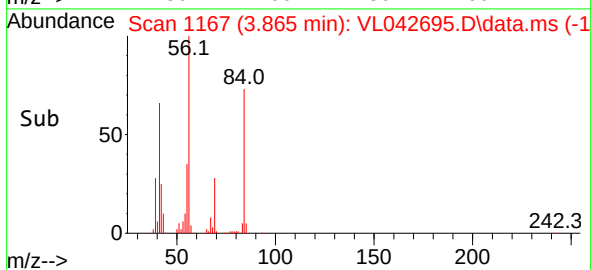
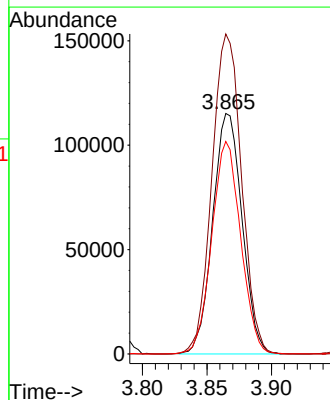
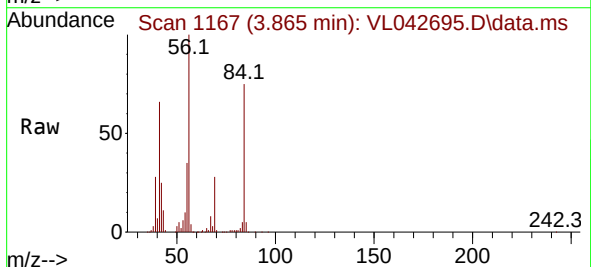
Tgt Ion: 84 Resp: 182243

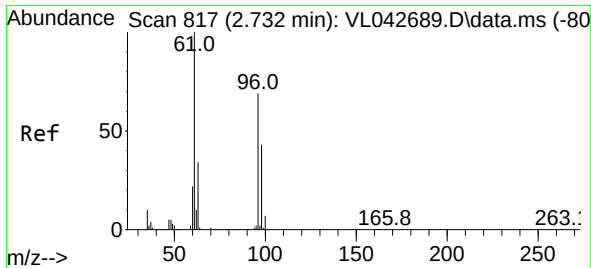
Ion Ratio Lower Upper

84 100

56 134.3 110.4 165.6

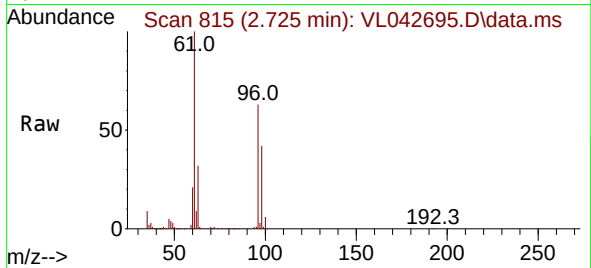
41 86.9 71.4 107.0





#31
 cis-1,2-Dichloroethene
 Concen: 15.381 ppbv
 RT: 2.725 min Scan# 817
 Delta R.T. -0.007 min
 Lab File: VL042695.D
 Acq: 02 Jul 2025 11:39

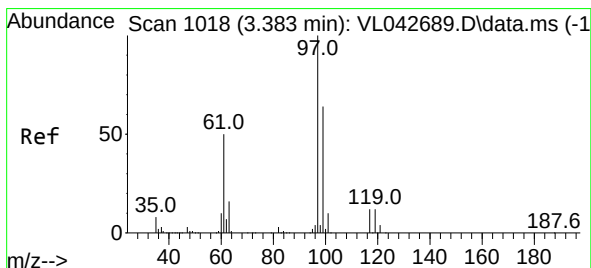
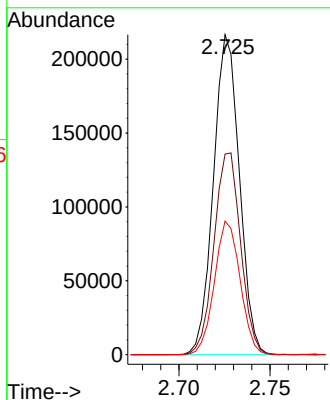
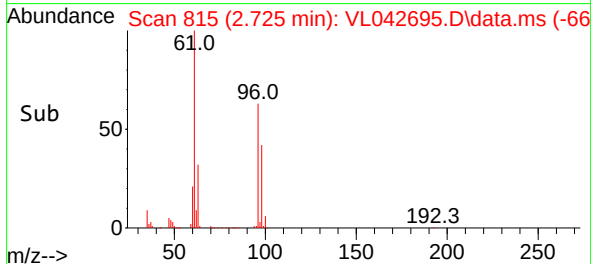
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



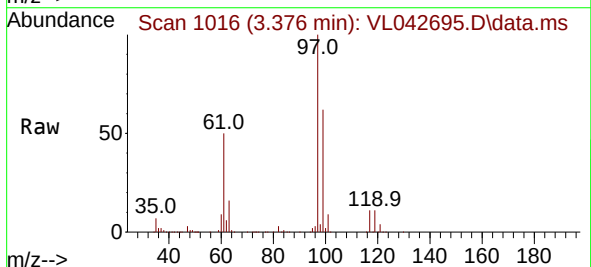
Tgt Ion: 61 Resp: 21457
 Ion Ratio Lower Upper
 61 100
 96 62.7 54.8 82.2
 98 41.8 34.7 52.1

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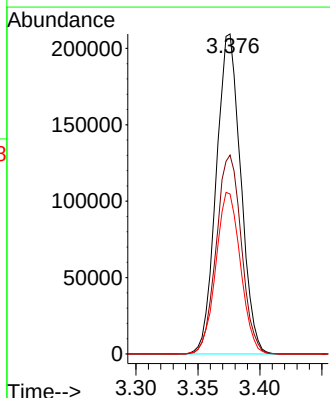
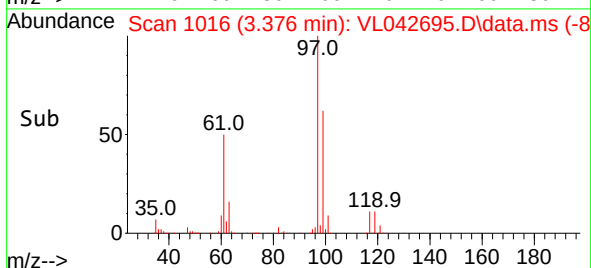
Reviewed By :Semsettin Yesilyurt 07/03/2025
 Supervised By :Mahesh Dadoda 07/03/2025

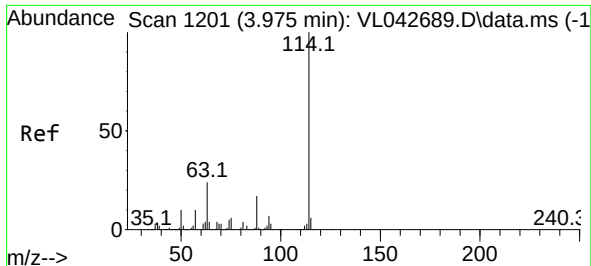


#32
 1,1,1-Trichloroethane
 Concen: 13.633 ppbv
 RT: 3.376 min Scan# 1016
 Delta R.T. -0.007 min
 Lab File: VL042695.D
 Acq: 02 Jul 2025 11:39



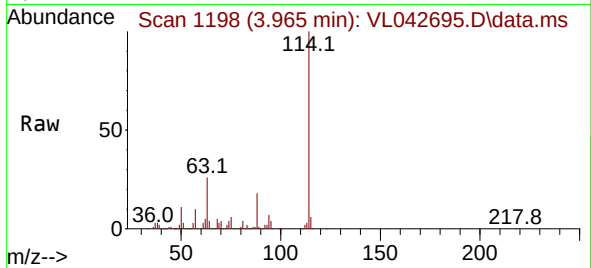
Tgt Ion: 97 Resp: 288461
 Ion Ratio Lower Upper
 97 100
 99 63.7 51.4 77.0
 61 51.1 41.1 61.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1198
Delta R.T. -0.010 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

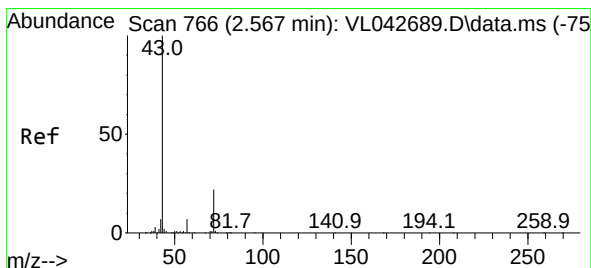
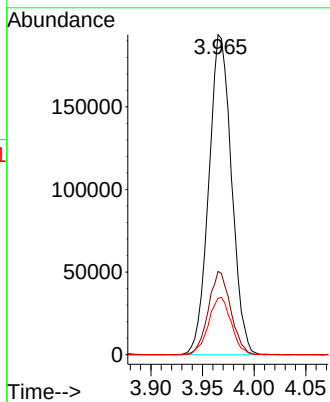
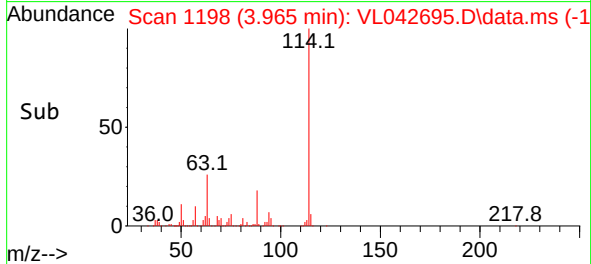
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



Tgt Ion:114 Resp: 296435
Ion Ratio Lower Upper
114 100
63 25.6 20.4 30.6
88 17.9 14.2 21.2

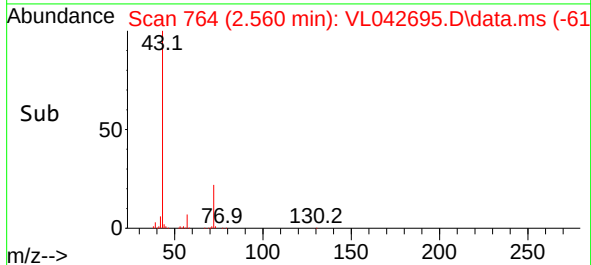
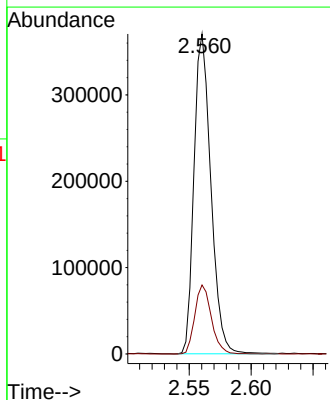
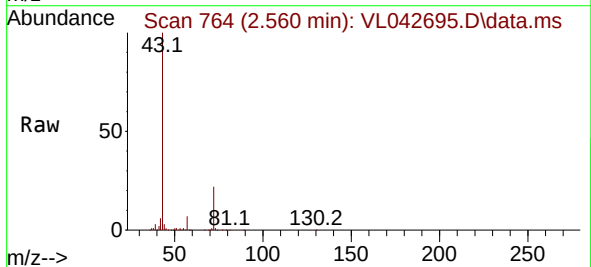
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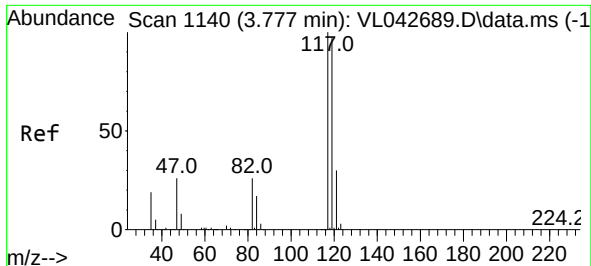
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#34
2-Butanone
Concen: 14.884 ppbv
RT: 2.560 min Scan# 764
Delta R.T. -0.007 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

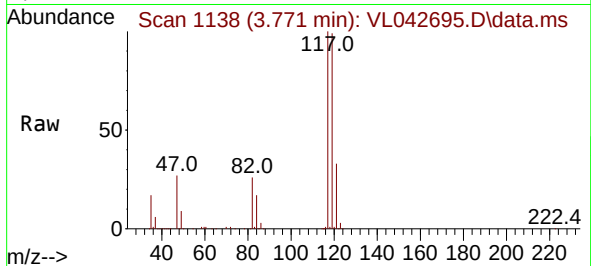
Tgt Ion: 43 Resp: 349225
Ion Ratio Lower Upper
43 100
72 21.3 17.1 25.7





#35
Carbon Tetrachloride
Concen: 14.098 ppbv
RT: 3.771 min Scan# 1138
Delta R.T. -0.007 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

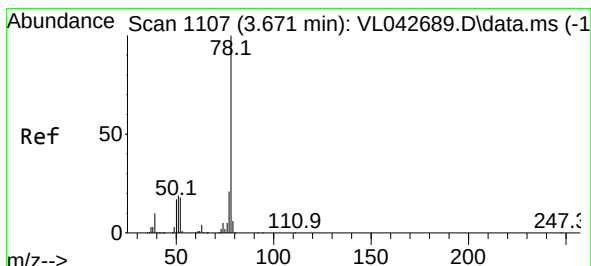
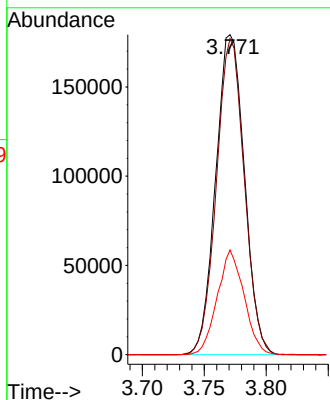
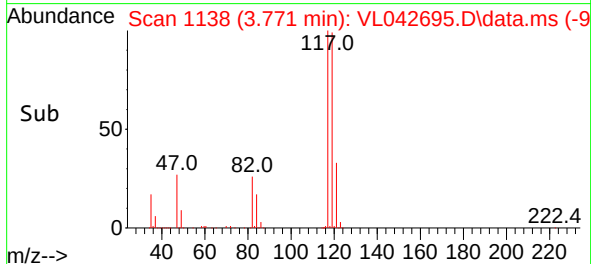
Instrument : MSVOA_L
ClientSampleId : VSTDIC015



Tgt Ion: 117 Resp: 28986
Ion Ratio Lower Upper
117 100
119 98.7 77.6 116.4
121 32.7 24.0 36.0

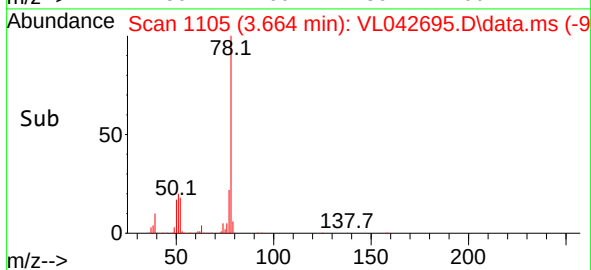
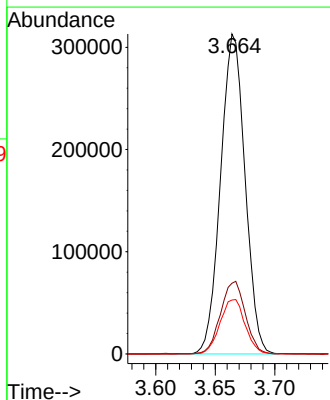
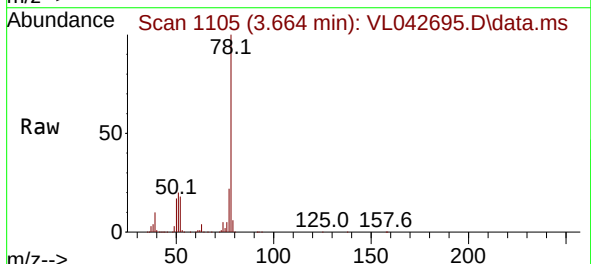
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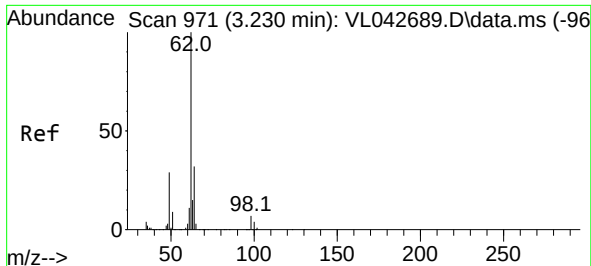
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#36
Benzene
Concen: 14.948 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. -0.007 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

Tgt Ion: 78 Resp: 446618
Ion Ratio Lower Upper
78 100
77 22.0 17.0 25.4
50 16.9 13.7 20.5





#37

1,2-Dichloroethane

Concen: 14.313 ppbv

RT: 3.224 min Scan# 9

Delta R.T. -0.007 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion: 62 Resp: 227100

Ion Ratio Lower Upper

62 100

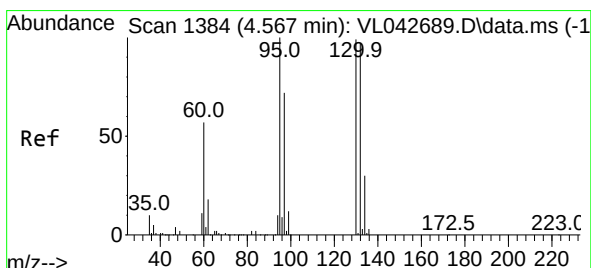
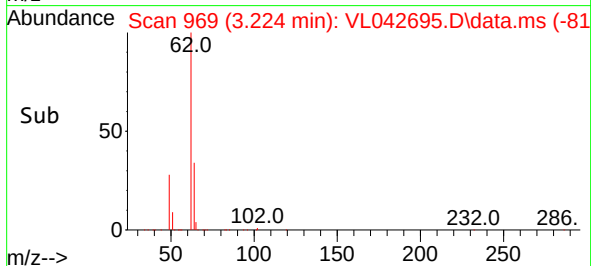
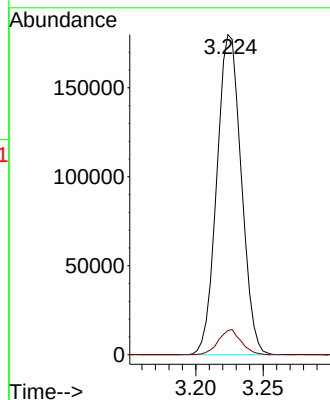
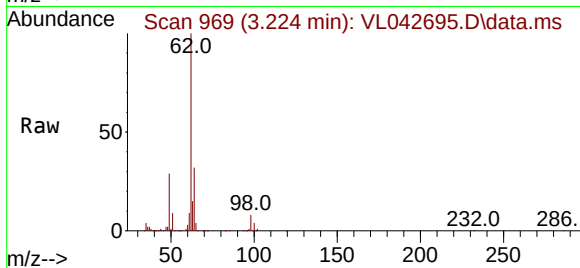
98 7.3 5.8 8.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#38

Trichloroethene

Concen: 14.018 ppbv

RT: 4.561 min Scan# 1382

Delta R.T. -0.007 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

Tgt Ion:130 Resp: 180970

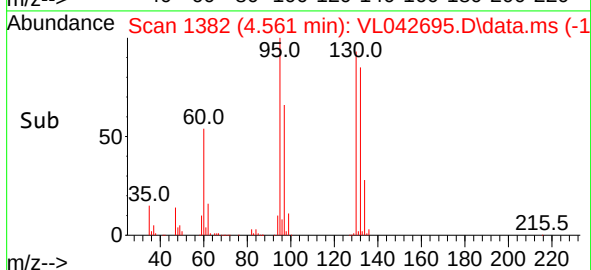
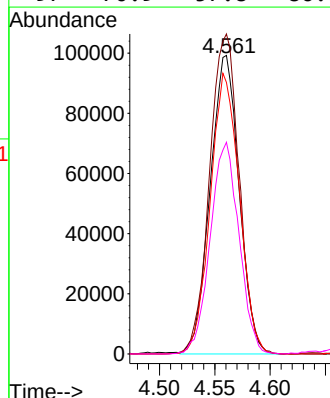
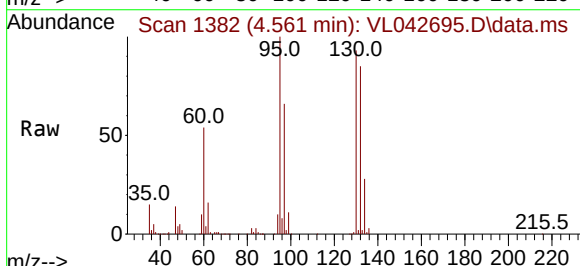
Ion Ratio Lower Upper

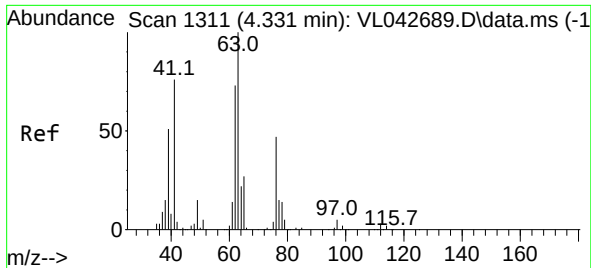
130 100

95 107.2 81.1 121.7

132 90.9 77.9 116.9

97 70.9 57.8 86.8





#39

1,2-Dichloropropane

Concen: 14.469 ppbv

RT: 4.321 min Scan# 1308

Delta R.T. -0.010 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 63 Resp: 168680

Ion Ratio Lower Upper

63 100

41 68.6 60.8 91.2

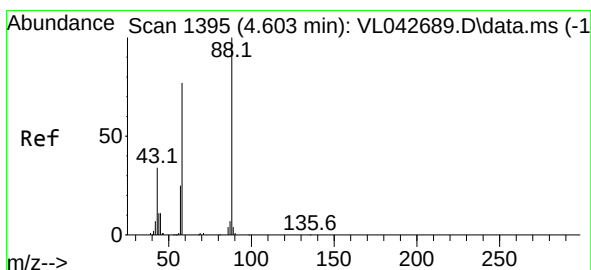
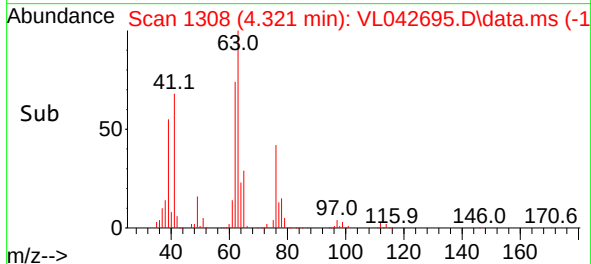
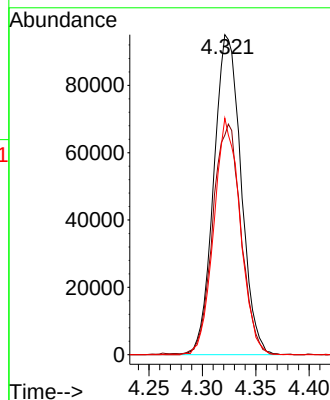
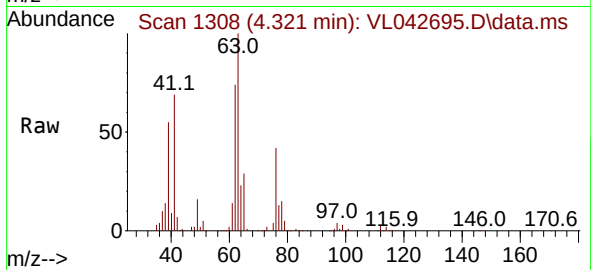
62 73.9 58.6 87.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#40

1,4-Dioxane

Concen: 15.450 ppbv m

RT: 4.593 min Scan# 1392

Delta R.T. -0.010 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

Tgt Ion: 88 Resp: 69208

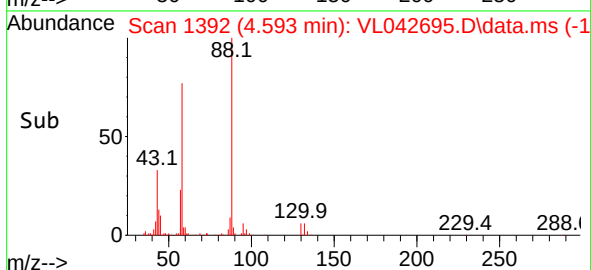
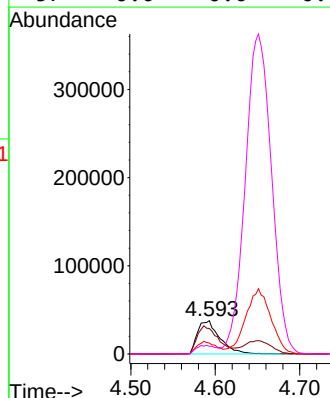
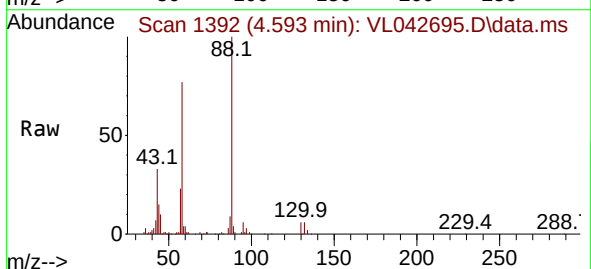
Ion Ratio Lower Upper

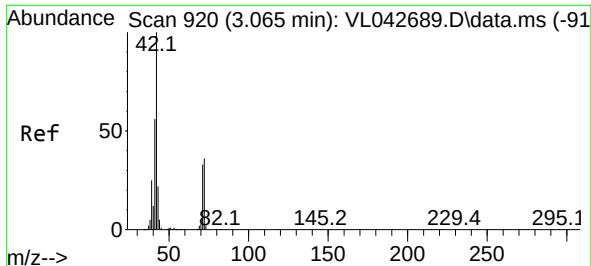
88 100

58 82.5 62.1 93.1

43 36.3 26.2 39.2

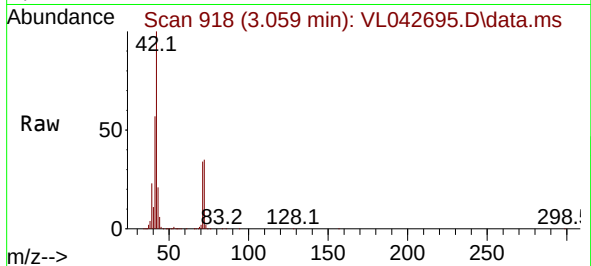
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 16.565 ppbv
RT: 3.059 min Scan# 918
Delta R.T. -0.007 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

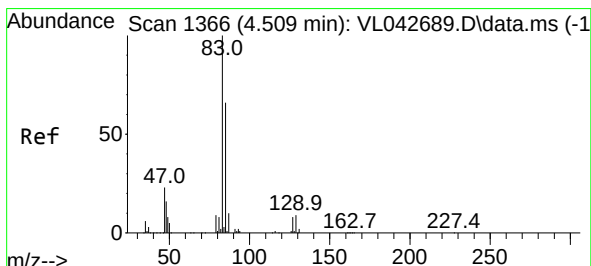
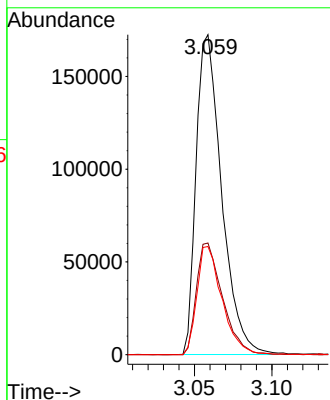
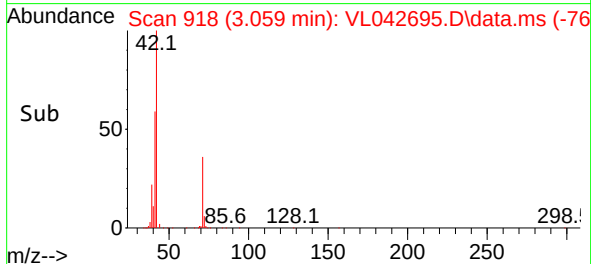
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 42 Resp: 19805
Ion Ratio Lower Upper
42 100
72 35.6 28.2 42.4
71 33.5 25.4 38.0

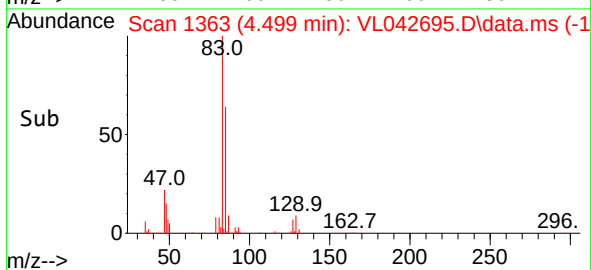
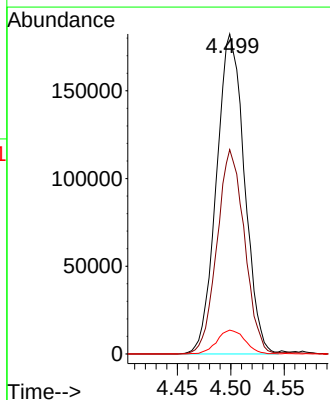
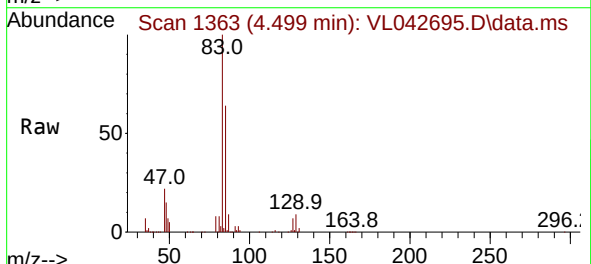
Manual Integrations
APPROVED

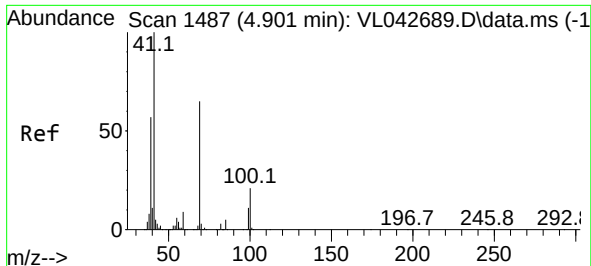
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#42
Bromodichloromethane
Concen: 14.812 ppbv
RT: 4.499 min Scan# 1363
Delta R.T. -0.010 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

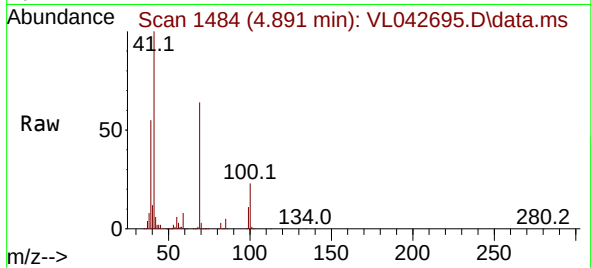
Tgt Ion: 83 Resp: 332896
Ion Ratio Lower Upper
83 100
85 63.8 52.5 78.7
127 7.5 6.1 9.1





#43
Methyl Methacrylate
Concen: 17.734 ppbv
RT: 4.891 min Scan# 1487
Delta R.T. -0.010 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

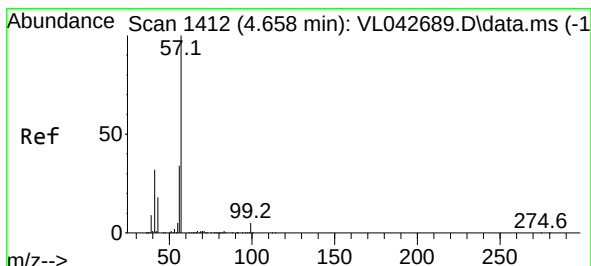
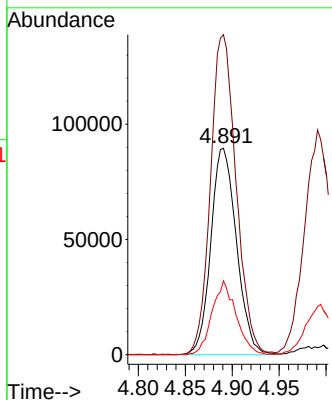
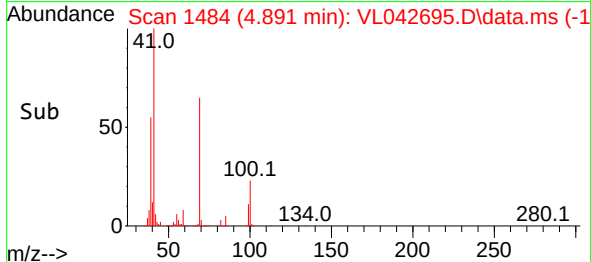
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 69 Resp: 17015
Ion Ratio Lower Upper
69 100
41 154.6 125.4 188.2
100 33.6 26.4 39.6

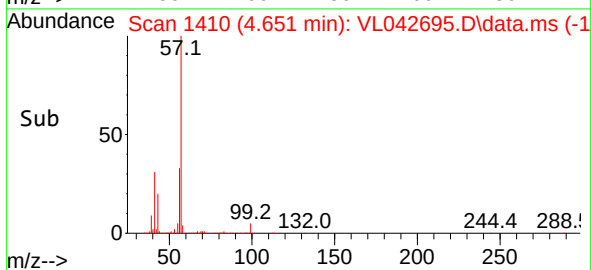
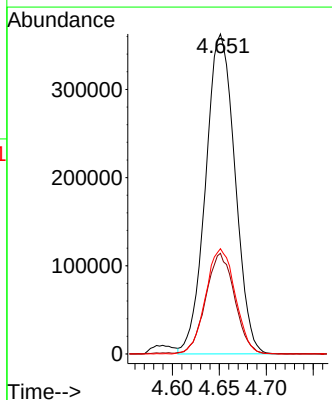
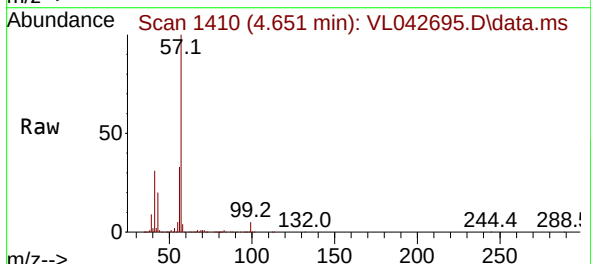
Manual Integrations
APPROVED

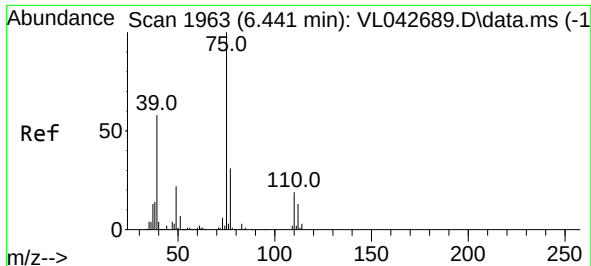
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#44
2,2,4-Trimethylpentane
Concen: 15.802 ppbv
RT: 4.651 min Scan# 1410
Delta R.T. -0.007 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

Tgt Ion: 57 Resp: 787806
Ion Ratio Lower Upper
57 100
41 31.5 25.2 37.8
56 33.2 26.3 39.5





#45

t-1,3-Dichloropropene

Concen: 17.811 ppbv

RT: 6.428 min Scan# 1963

Delta R.T. -0.013 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion: 75 Resp: 179598

Ion Ratio Lower Upper

75 100

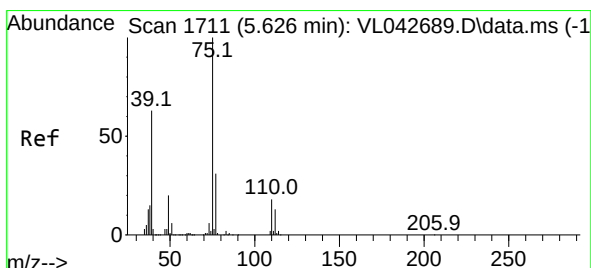
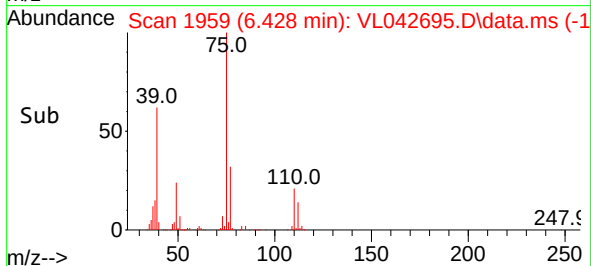
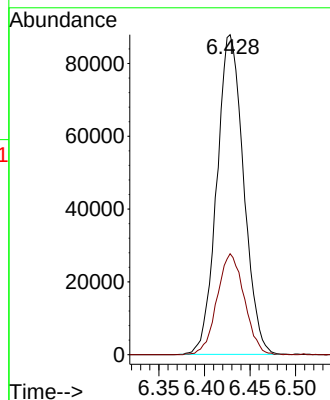
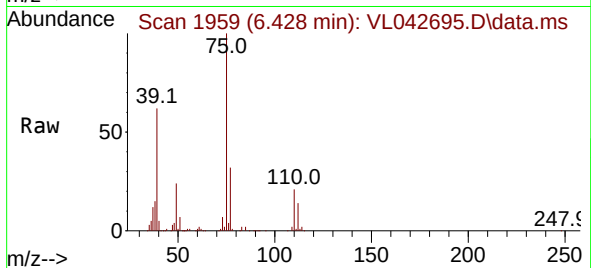
77 31.5 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#46

cis-1,3-Dichloropropene

Concen: 16.994 ppbv

RT: 5.612 min Scan# 1707

Delta R.T. -0.013 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

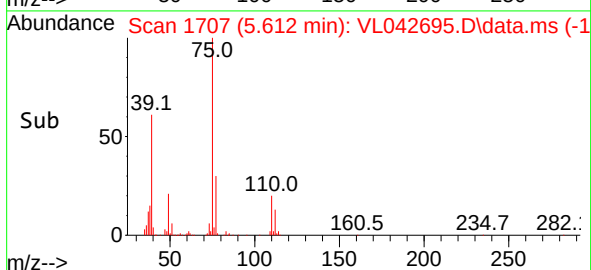
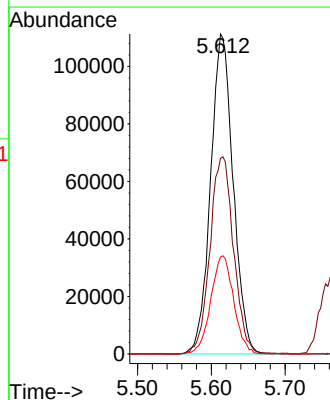
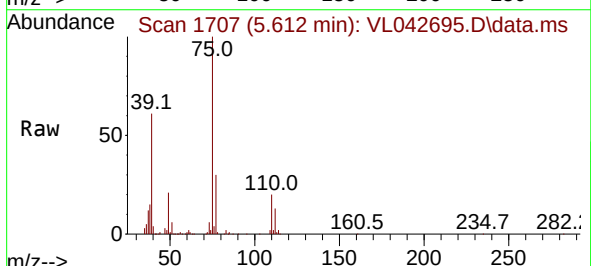
Tgt Ion: 75 Resp: 236433

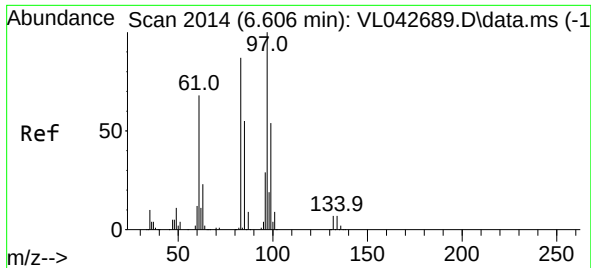
Ion Ratio Lower Upper

75 100

39 61.1 50.6 75.8

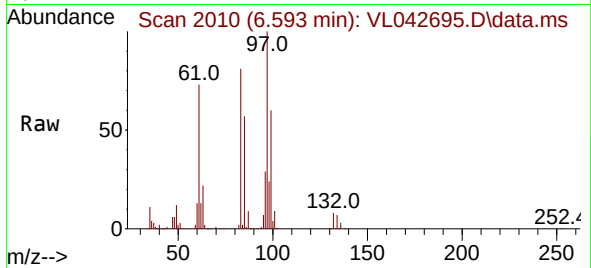
77 30.3 24.8 37.2





#47
1,1,2-Trichloroethane
Concen: 15.194 ppbv
RT: 6.593 min Scan# 2014
Delta R.T. -0.013 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

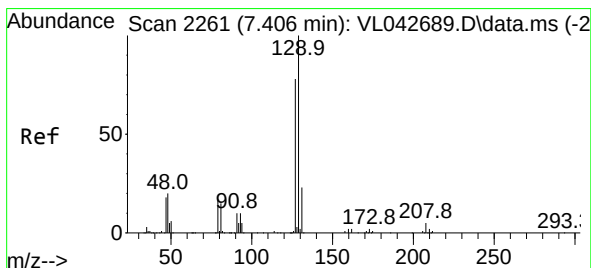
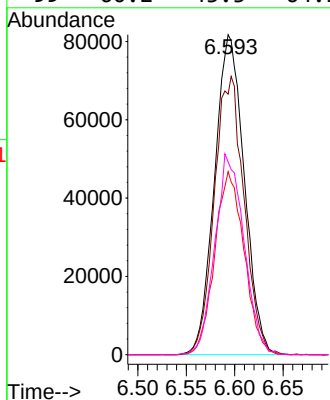
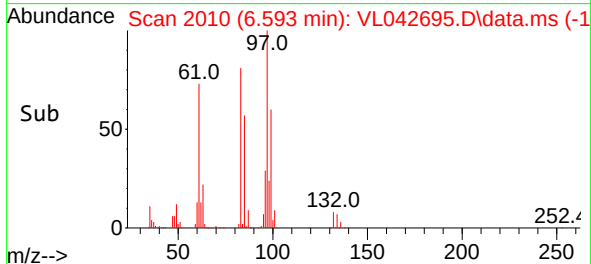
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



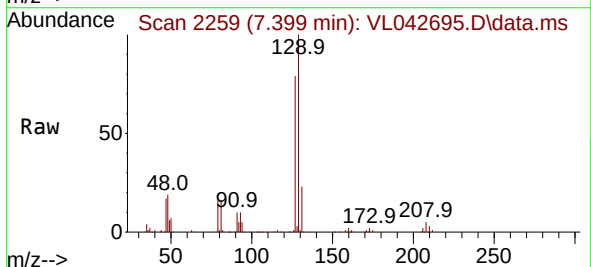
Tgt Ion: 97 Resp: 17436
Ion Ratio Lower Upper
97 100
83 81.3 69.3 103.9
85 57.2 43.7 65.5
99 60.2 43.3 64.9

Manual Integrations
APPROVED

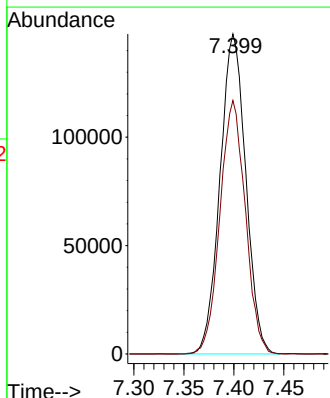
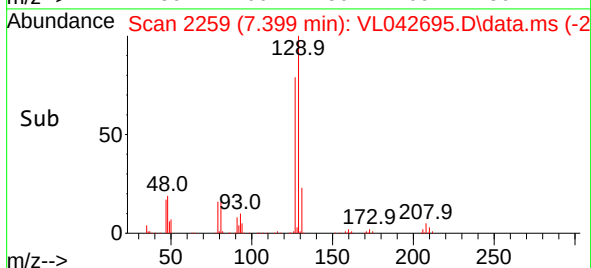
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

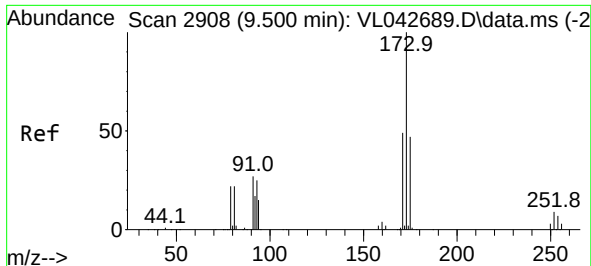


#48
Dibromochloromethane
Concen: 15.064 ppbv
RT: 7.399 min Scan# 2259
Delta R.T. -0.007 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39



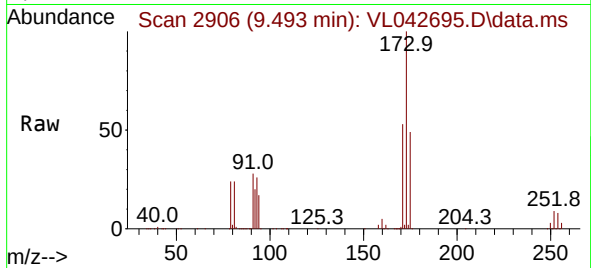
Tgt Ion:129 Resp: 264716
Ion Ratio Lower Upper
129 100
127 78.0 38.3 114.8





#49
Bromoform
Concen: 15.371 ppbv
RT: 9.493 min Scan# 2906
Delta R.T. -0.007 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

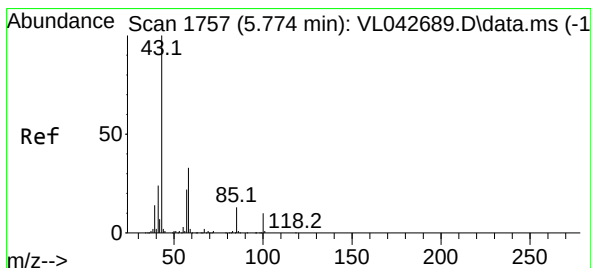
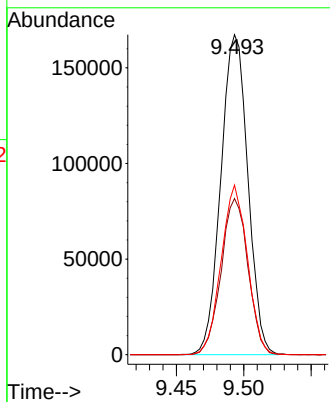
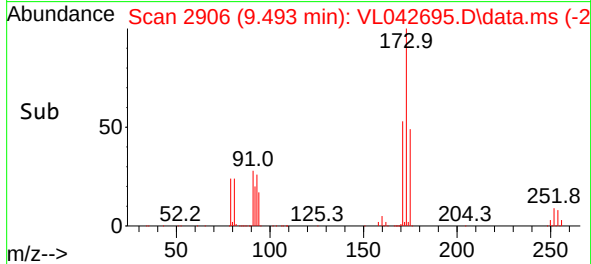
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion:173 Resp: 233294
Ion Ratio Lower Upper
173 100
175 48.7 38.6 57.8
171 51.6 40.3 60.5

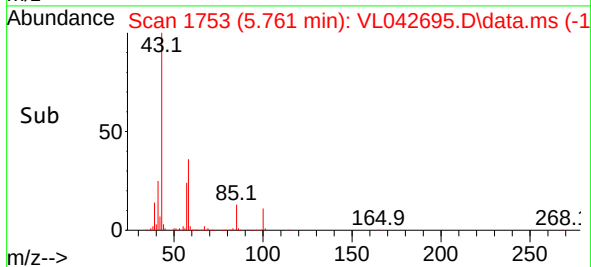
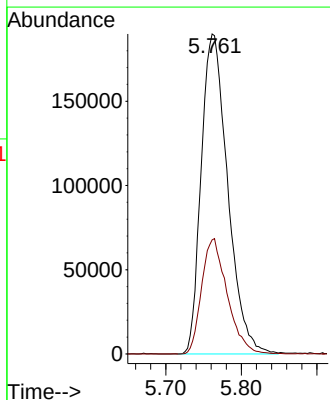
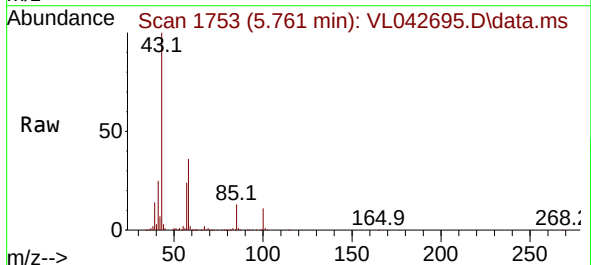
Manual Integrations
APPROVED

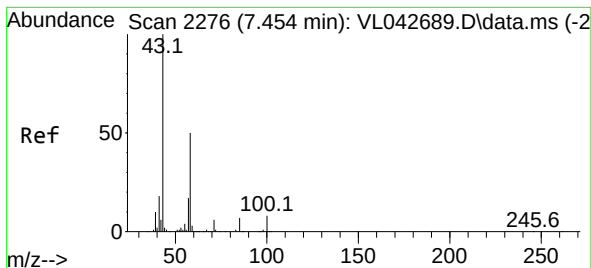
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#50
4-Methyl-2-Pentanone
Concen: 16.873 ppbv
RT: 5.761 min Scan# 1753
Delta R.T. -0.013 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

Tgt Ion: 43 Resp: 462742
Ion Ratio Lower Upper
43 100
58 34.8 27.5 41.3





#51

2-Hexanone

Concen: 18.619 ppbv

RT: 7.448 min Scan# 21

Delta R.T. -0.007 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion: 43 Resp: 373010

Ion Ratio Lower Upper

43 100

58 48.4 38.6 57.8

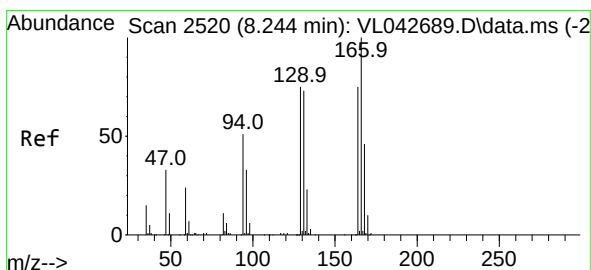
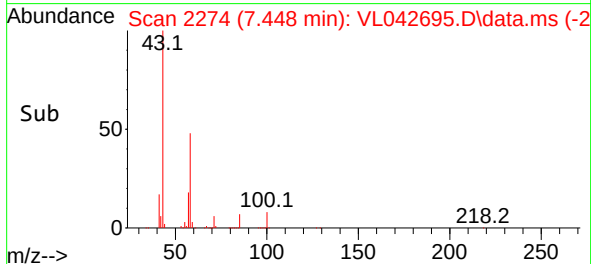
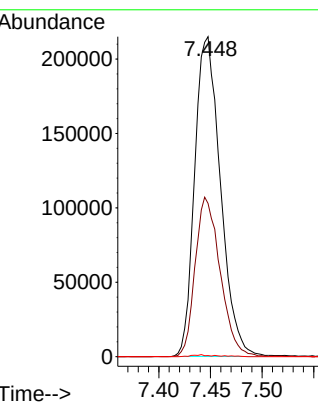
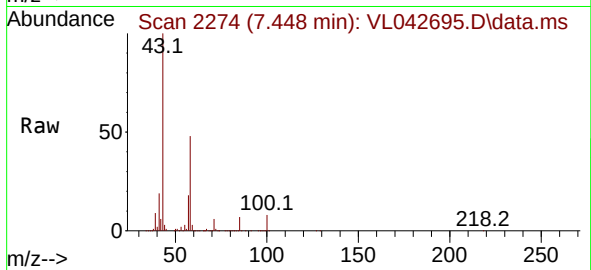
98 0.6 0.6 1.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#52

Tetrachloroethene

Concen: 14.514 ppbv

RT: 8.234 min Scan# 2517

Delta R.T. -0.010 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

Tgt Ion:164 Resp: 145442

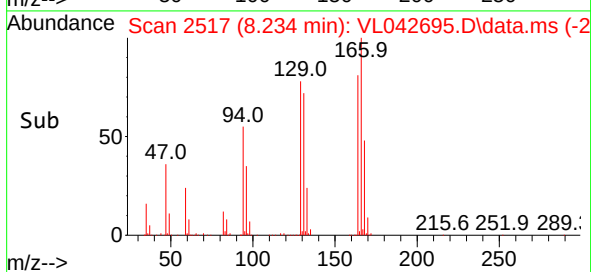
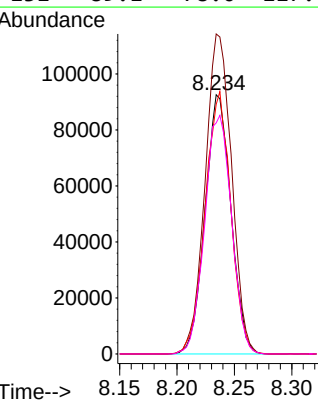
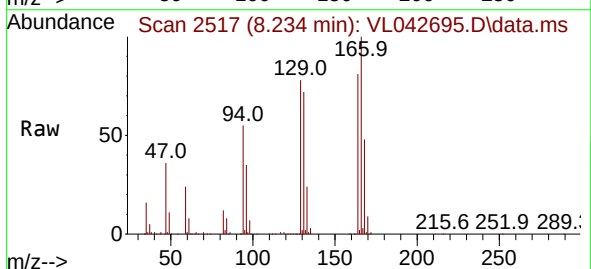
Ion Ratio Lower Upper

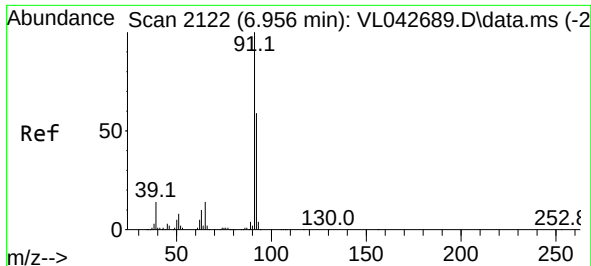
164 100

166 123.4 106.6 160.0

129 96.3 79.8 119.6

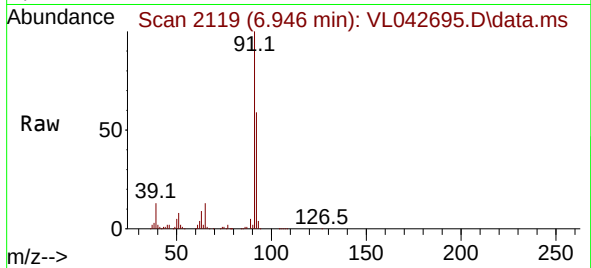
131 89.1 78.0 117.0





#53
Toluene
Concen: 17.643 ppbv
RT: 6.946 min Scan# 2119
Delta R.T. -0.010 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

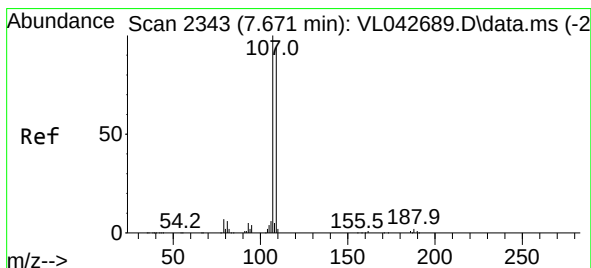
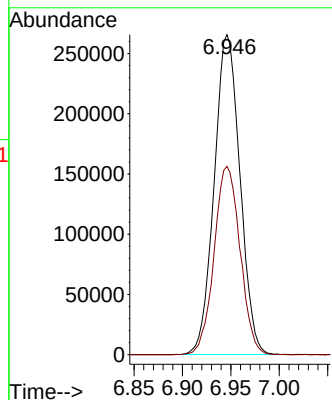
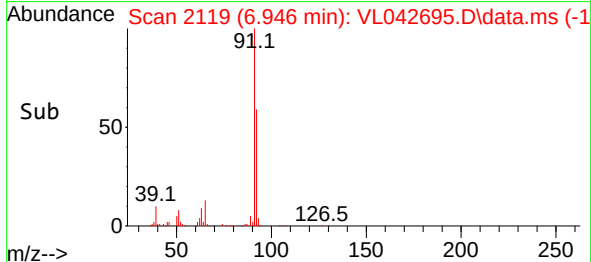
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 91 Resp: 492164
Ion Ratio Lower Upper
91 100
92 59.3 47.4 71.2

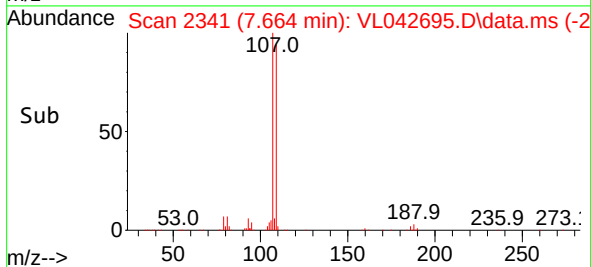
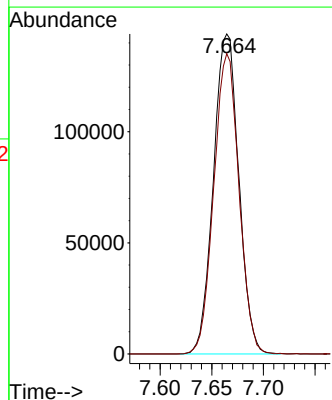
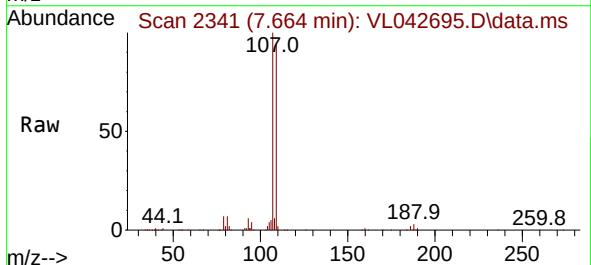
Manual Integrations
APPROVED

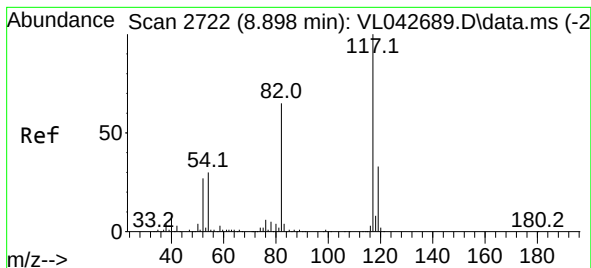
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#54
1,2-Dibromoethane
Concen: 15.345 ppbv
RT: 7.664 min Scan# 2341
Delta R.T. -0.007 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

Tgt Ion:107 Resp: 245738
Ion Ratio Lower Upper
107 100
109 93.8 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.891 min Scan# 21

Delta R.T. -0.007 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

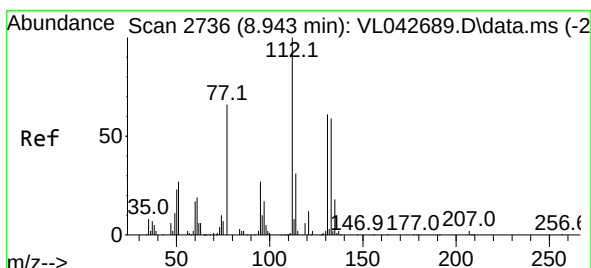
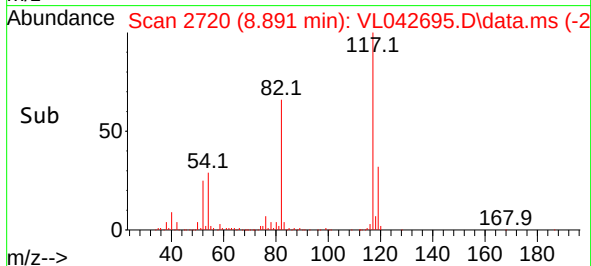
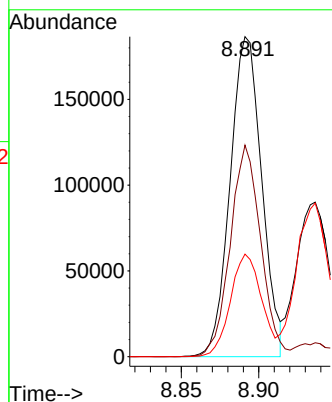
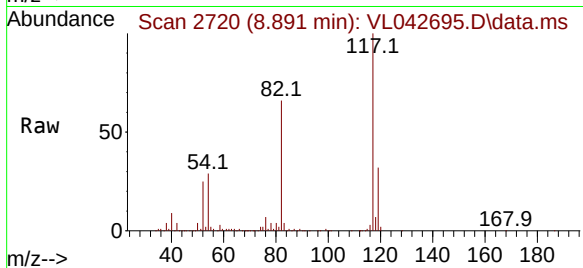
Tgt Ion:117 Resp: 26505

Ion	Ratio	Lower	Upper
117	100		
82	68.2	53.4	80.2
119	31.5	26.6	39.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#56

1,1,1,2-Tetrachloroethane

Concen: 13.994 ppbv

RT: 8.933 min Scan# 2733

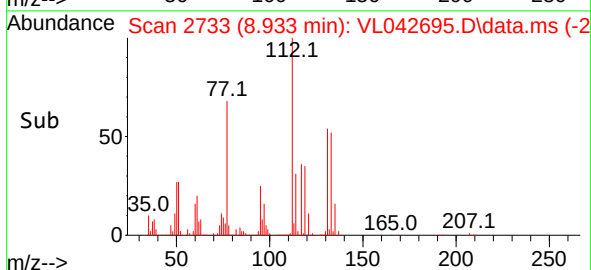
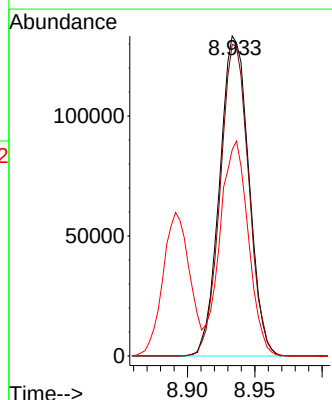
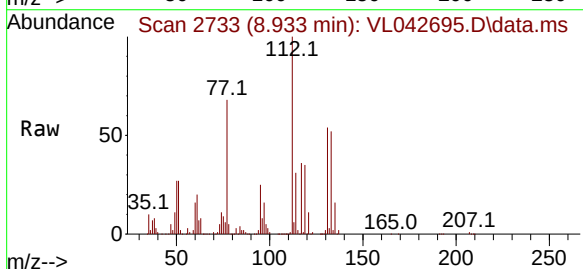
Delta R.T. -0.010 min

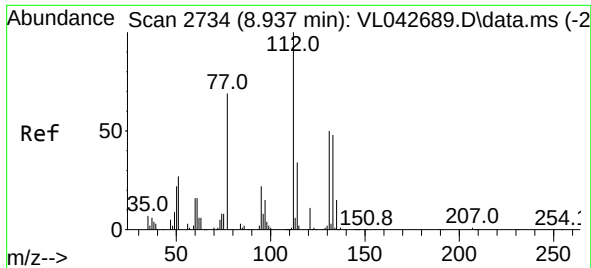
Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

Tgt Ion:131 Resp: 200564

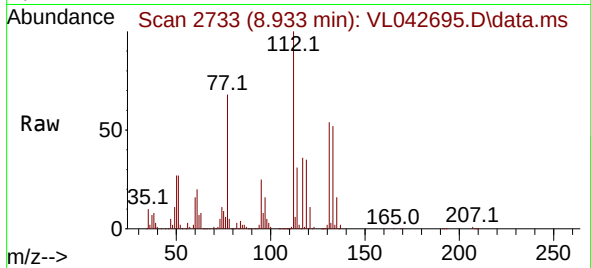
Ion	Ratio	Lower	Upper
131	100		
133	95.2	77.3	115.9
119	64.3	52.6	78.8





#57
Chlorobenzene
Concen: 13.928 ppbv
RT: 8.933 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

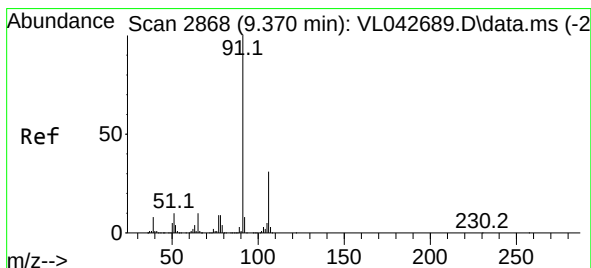
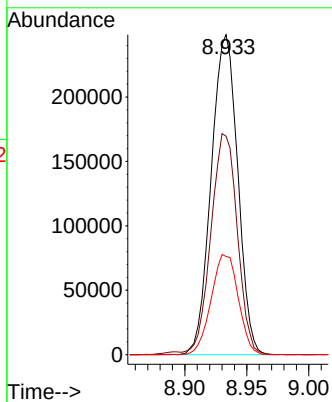
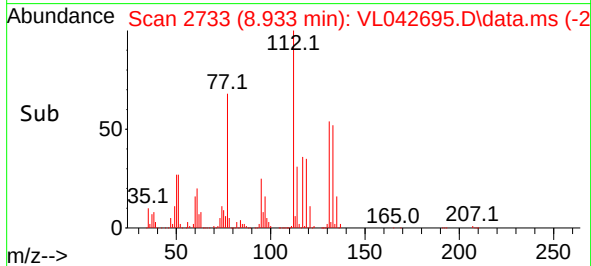
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



Tgt Ion:112 Resp: 37038
Ion Ratio Lower Upper
112 100
77 68.2 56.2 84.4
114 30.7 30.2 37.0

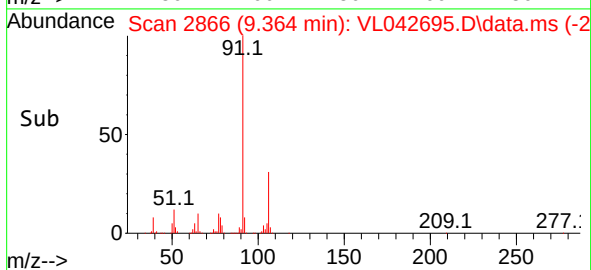
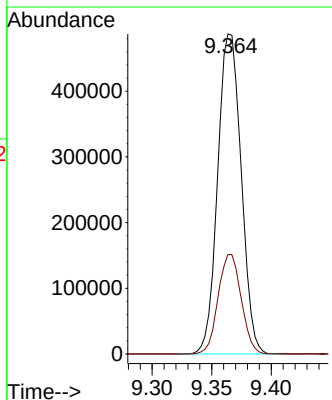
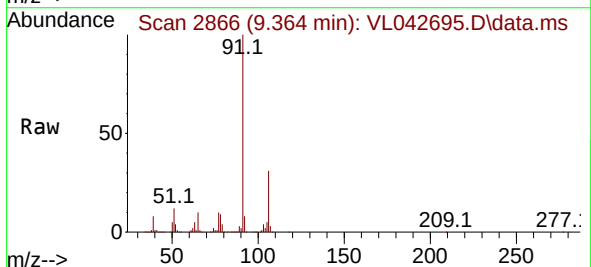
Manual Integrations
APPROVED

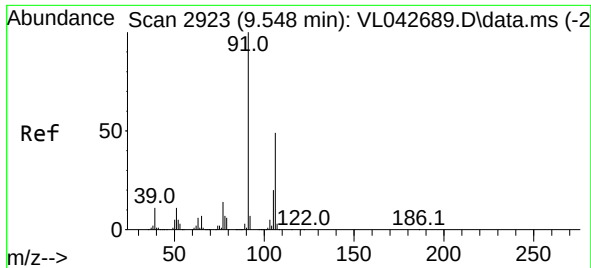
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#58
Ethyl Benzene
Concen: 17.407 ppbv
RT: 9.364 min Scan# 2866
Delta R.T. -0.007 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

Tgt Ion: 91 Resp: 667210
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3





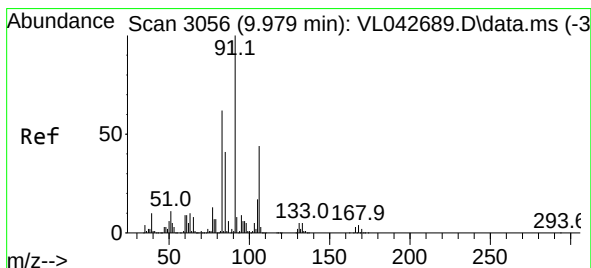
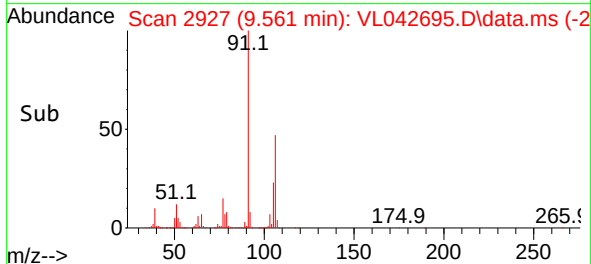
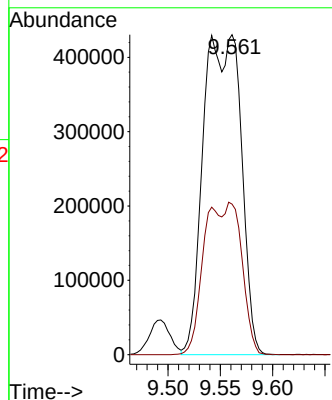
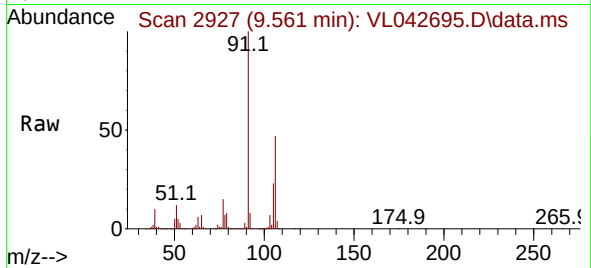
#59
m/p-Xylene
Concen: 33.596 ppbv m
RT: 9.561 min Scan# 2923
Delta R.T. 0.013 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 91 Resp: 107916
Ion Ratio Lower Upper
91 100
106 0.0 37.6 56.4

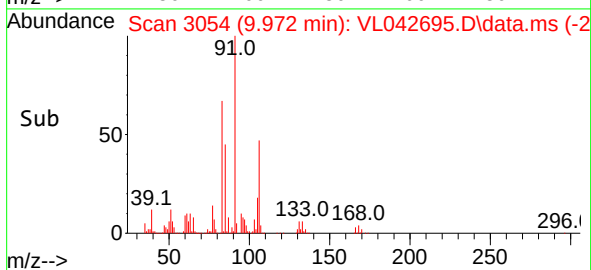
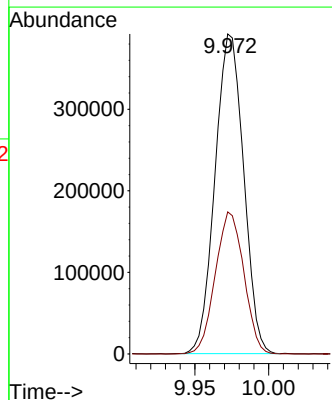
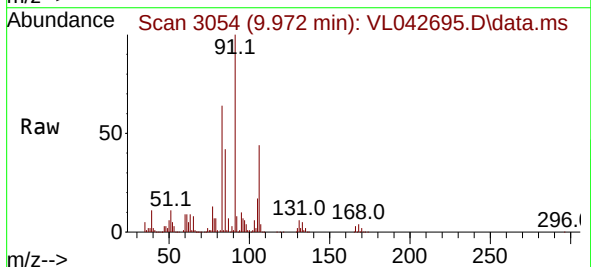
Manual Integrations
APPROVED

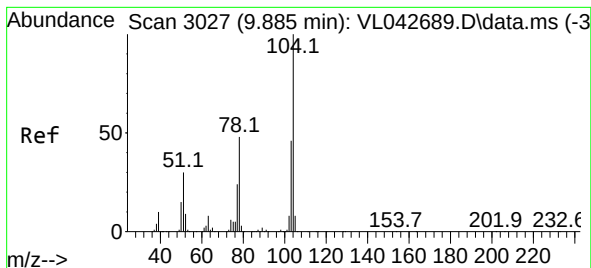
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#60
o-Xylene
Concen: 16.730 ppbv
RT: 9.972 min Scan# 3054
Delta R.T. -0.007 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

Tgt Ion: 91 Resp: 528391
Ion Ratio Lower Upper
91 100
106 44.3 22.8 68.4





#61

Styrene

Concen: 19.104 ppbv

RT: 9.878 min Scan# 3027

Delta R.T. -0.007 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

Instrument :

MSVOA_L

ClientSampleId :

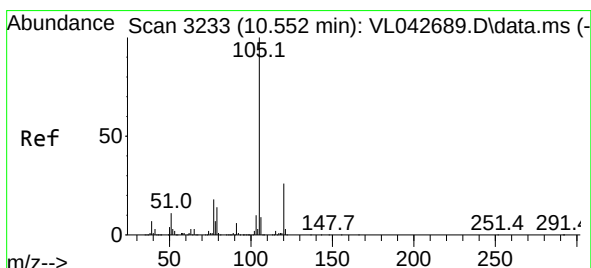
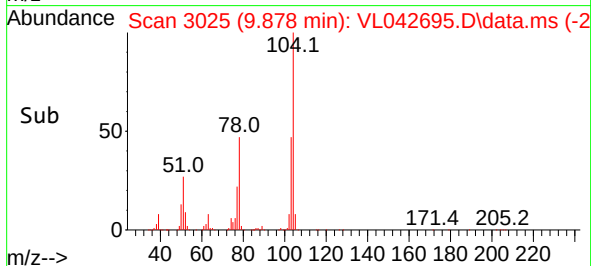
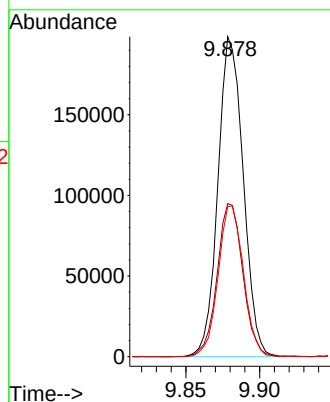
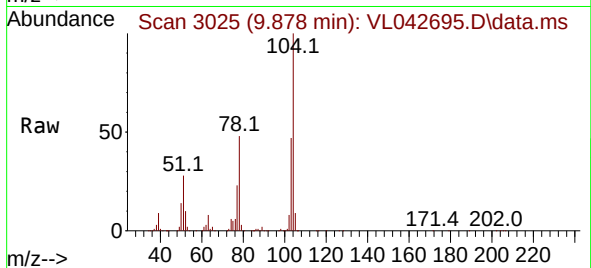
VSTDIC015

Tgt Ion:104 Resp: 237027
 Ion Ratio Lower Upper
 104 100
 78 48.8 39.0 58.6
 103 47.3 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/03/2025
 Supervised By :Mahesh Dadoda 07/03/2025



#62

Isopropylbenzene

Concen: 16.128 ppbv

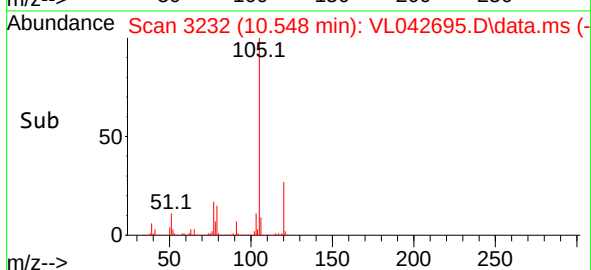
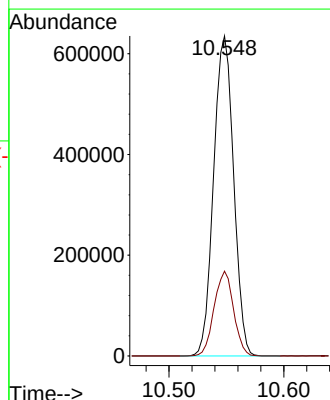
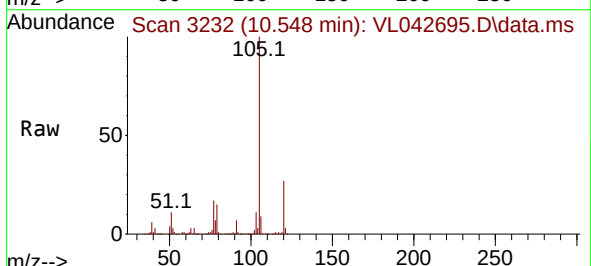
RT: 10.548 min Scan# 3232

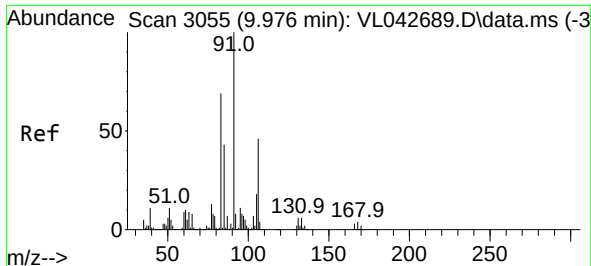
Delta R.T. -0.003 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

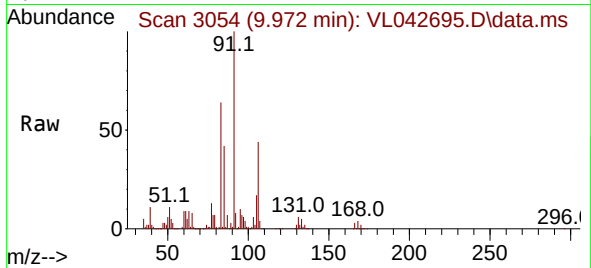
Tgt Ion:105 Resp: 768857
 Ion Ratio Lower Upper
 105 100
 120 25.7 20.6 31.0





#63
1,1,2,2-Tetrachloroethane
Concen: 13.638 ppbv
RT: 9.972 min Scan# 3055
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

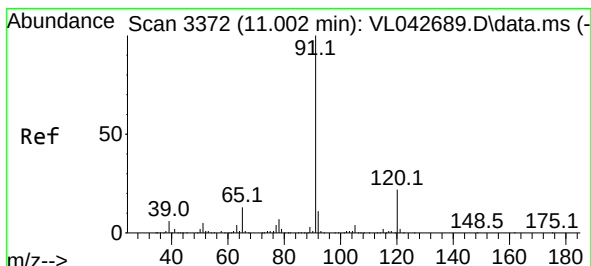
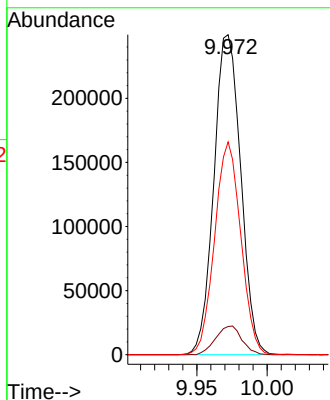
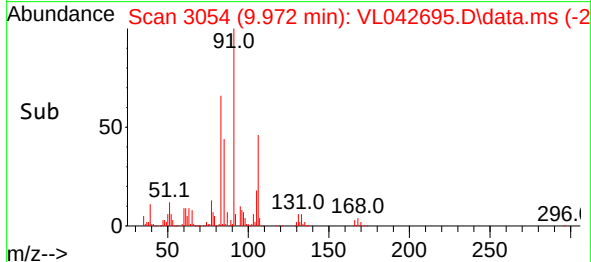
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



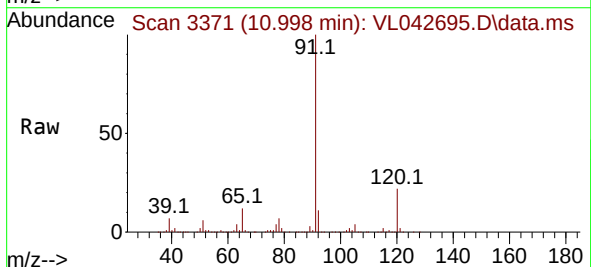
Tgt Ion: 83 Resp: 331699
Ion Ratio Lower Upper
83 100
131 8.7 4.5 13.4
85 64.7 31.5 94.5

Manual Integrations
APPROVED

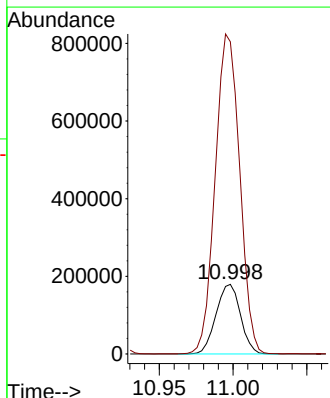
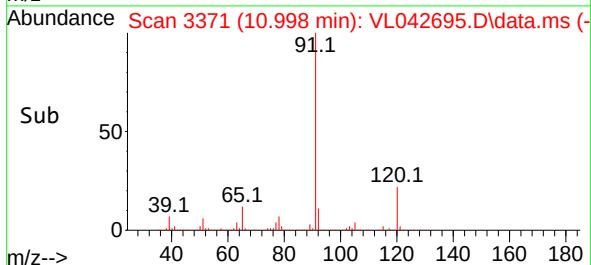
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

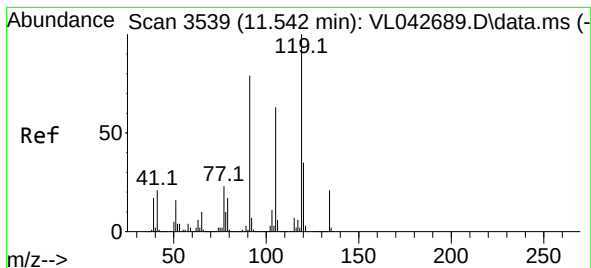


#64
n-propylbenzene
Concen: 16.907 ppbv
RT: 10.998 min Scan# 3371
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39



Tgt Ion:120 Resp: 206336
Ion Ratio Lower Upper
120 100
91 462.5 377.8 566.8





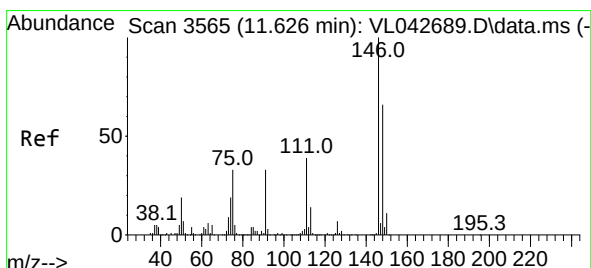
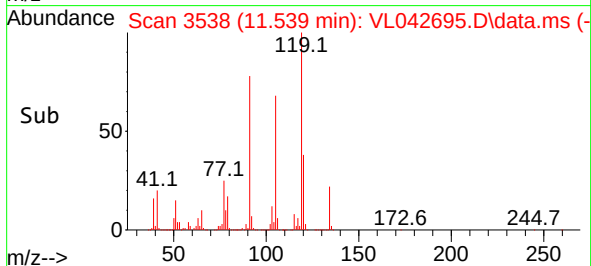
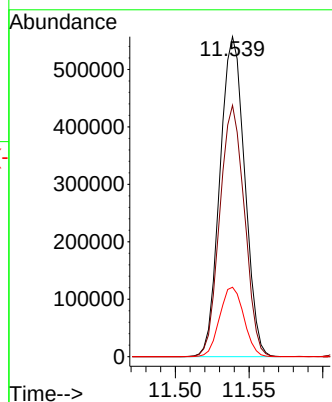
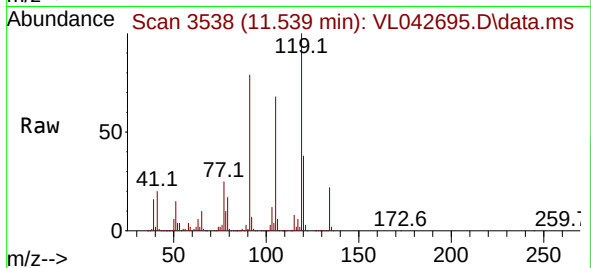
#65
tert-Butylbenzene
Concen: 15.954 ppbv
RT: 11.539 min Scan# 3539
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion:119 Resp: 650964
Ion Ratio Lower Upper
119 100
91 78.0 62.6 93.8
134 21.2 16.9 25.3

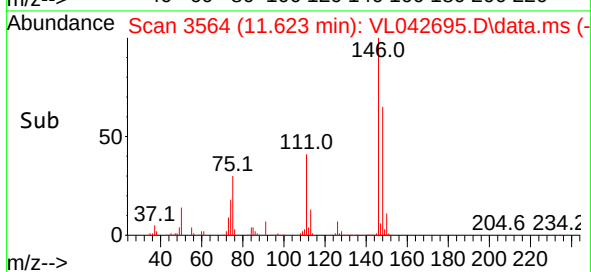
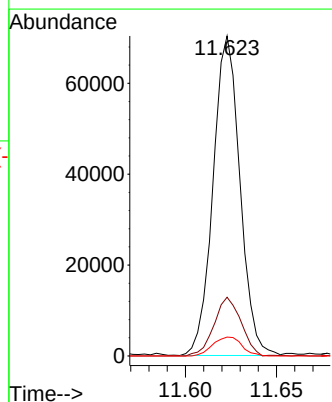
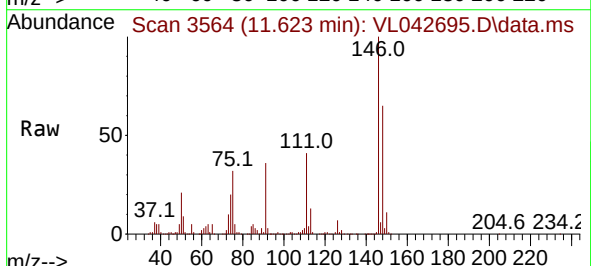
Manual Integrations
APPROVED

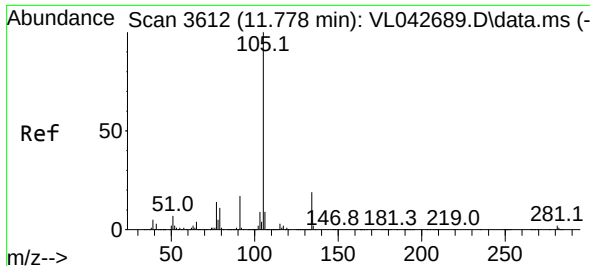
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#66
Benzyl Chloride
Concen: 18.276 ppbv
RT: 11.623 min Scan# 3564
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

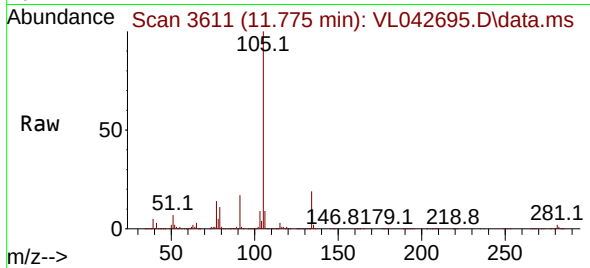
Tgt Ion: 91 Resp: 72252
Ion Ratio Lower Upper
91 100
126 18.6 14.8 22.2
128 6.4 4.7 7.1





#67
 sec-Butylbenzene
 Concen: 15.163 ppbv
 RT: 11.775 min Scan# 3611
 Delta R.T. -0.003 min
 Lab File: VL042695.D
 Acq: 02 Jul 2025 11:39

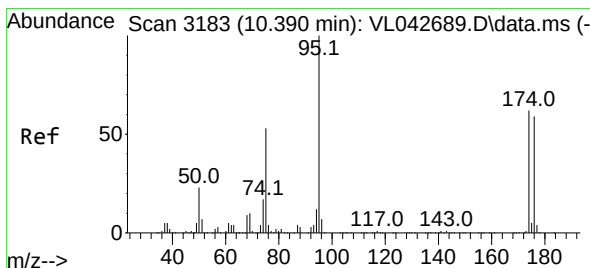
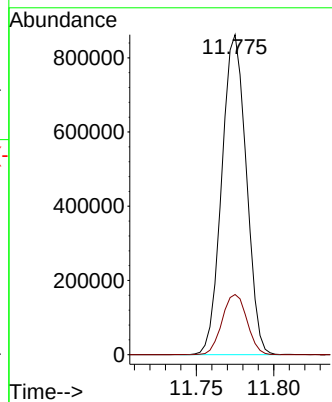
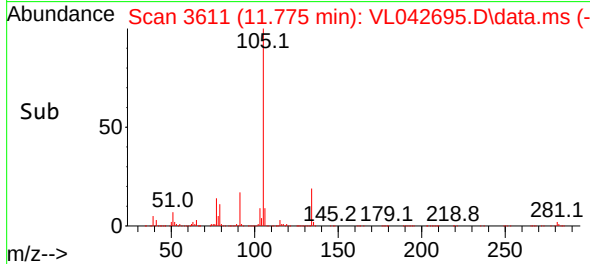
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



Tgt Ion:105 Resp: 947810
 Ion Ratio Lower Upper
 105 100
 134 19.1 15.0 22.6

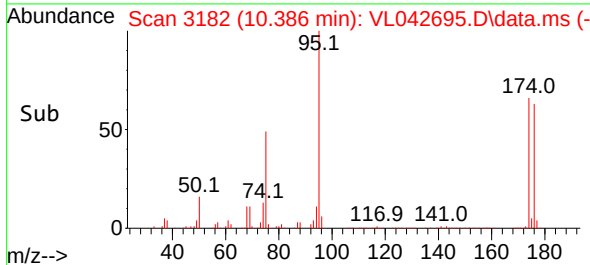
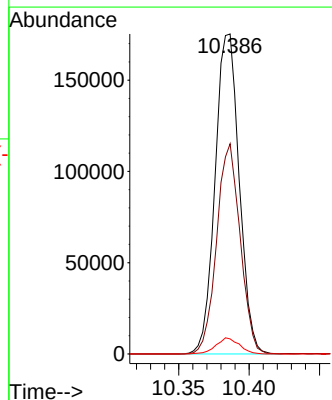
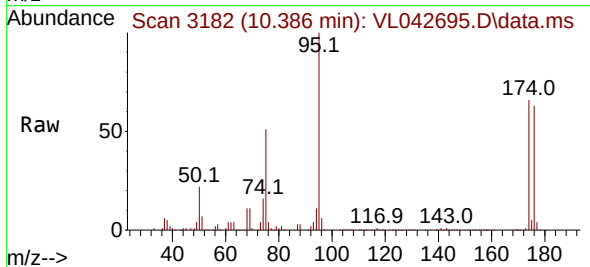
Manual Integrations
 APPROVED

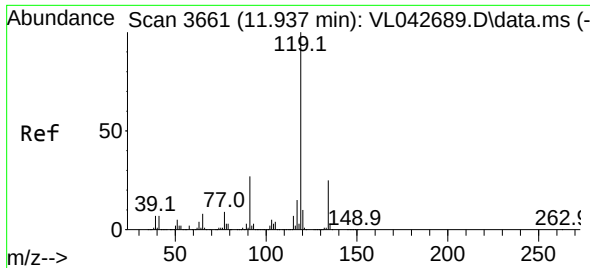
Reviewed By :Semsettin Yesilyurt 07/03/2025
 Supervised By :Mahesh Dadoda 07/03/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.264 ppbv
 RT: 10.386 min Scan# 3182
 Delta R.T. -0.003 min
 Lab File: VL042695.D
 Acq: 02 Jul 2025 11:39

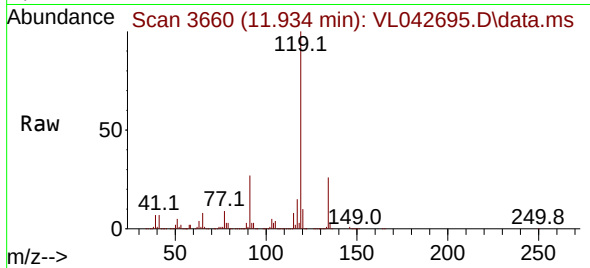
Tgt Ion: 95 Resp: 209248
 Ion Ratio Lower Upper
 95 100
 174 64.0 51.2 76.8
 175 4.9 3.8 5.8





#69
p-Isopropyltoluene
Concen: 15.841 ppbv
RT: 11.934 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

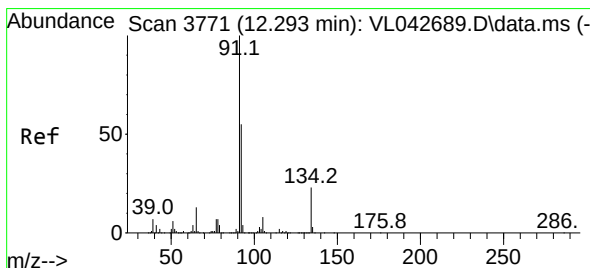
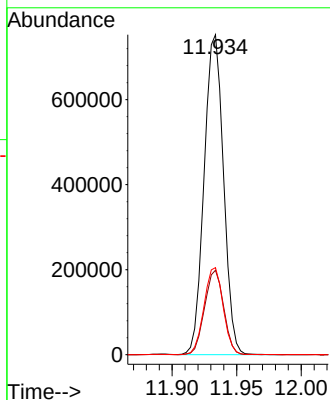
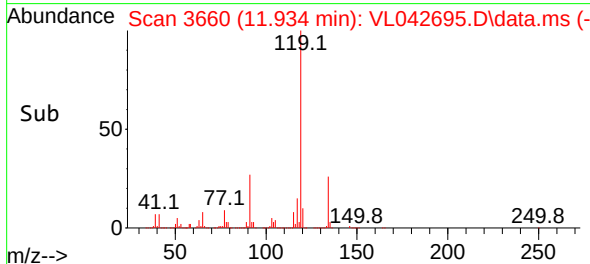
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



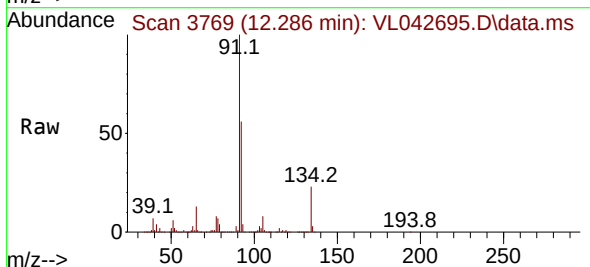
Tgt Ion:119 Resp: 788083
Ion Ratio Lower Upper
119 100
134 26.0 20.6 31.0
91 27.1 21.4 32.2

Manual Integrations
APPROVED

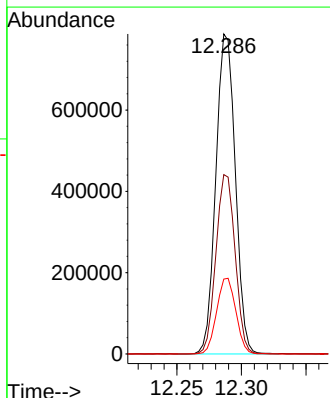
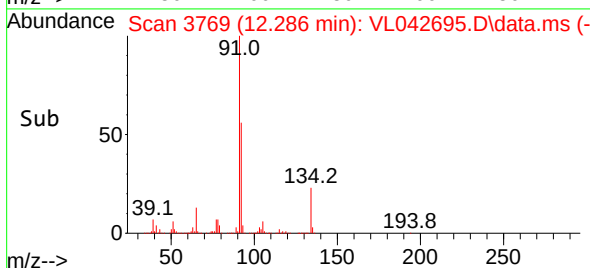
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

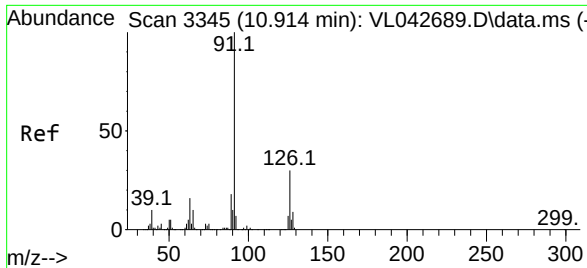


#70
n-Butylbenzene
Concen: 16.424 ppbv
RT: 12.286 min Scan# 3769
Delta R.T. -0.007 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39



Tgt Ion: 91 Resp: 823159
Ion Ratio Lower Upper
91 100
92 55.3 44.2 66.2
134 23.4 18.6 27.8





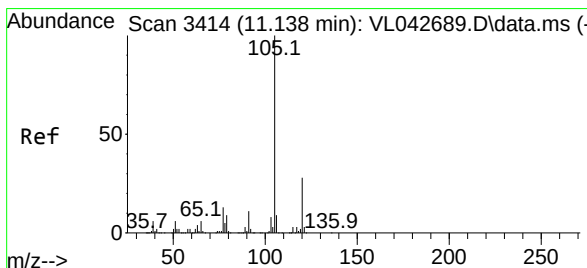
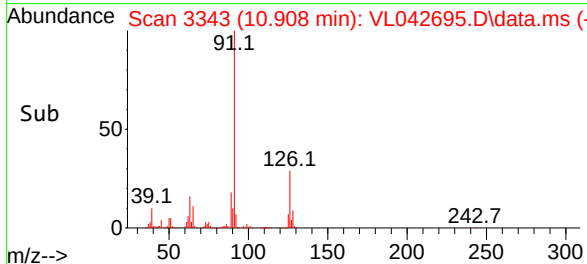
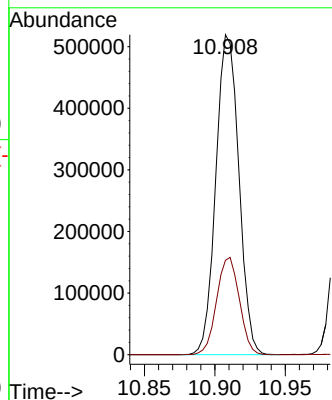
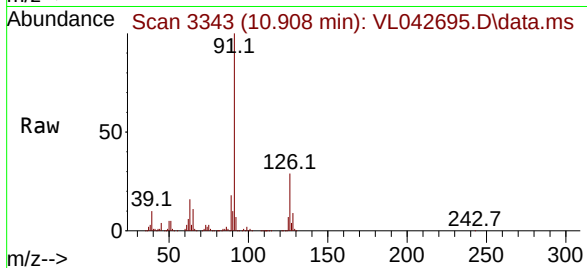
#71
2-Chlorotoluene
Concen: 16.735 ppbv
RT: 10.908 min Scan# 311
Delta R.T. -0.007 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 59017
Ion Ratio Lower Upper
91 100
126 30.0 11.8 47.4

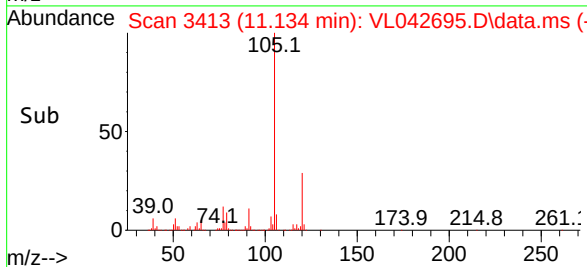
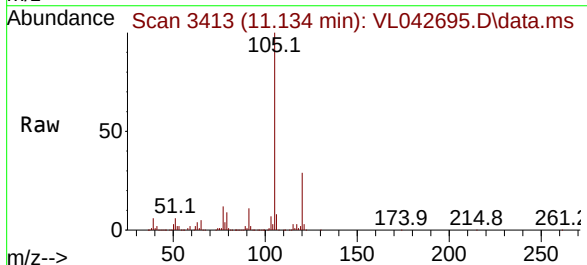
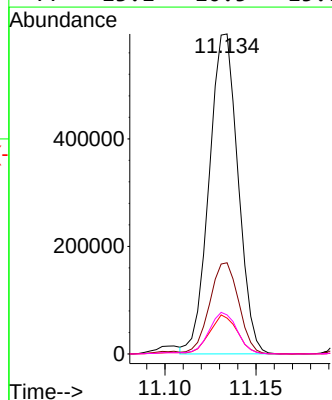
Manual Integrations
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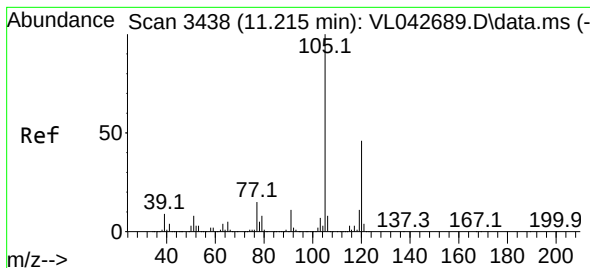
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#72
4-Ethyltoluene
Concen: 17.026 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

Tgt Ion:105 Resp: 656169
Ion Ratio Lower Upper
105 100
120 29.5 23.8 35.6
91 12.2 9.7 14.5
77 13.1 10.5 15.7





#73

1,3,5-Trimethylbenzene

Concen: 16.506 ppbv

RT: 11.212 min Scan# 3438

Delta R.T. -0.003 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:105 Resp: 536300

Ion Ratio Lower Upper

105 100

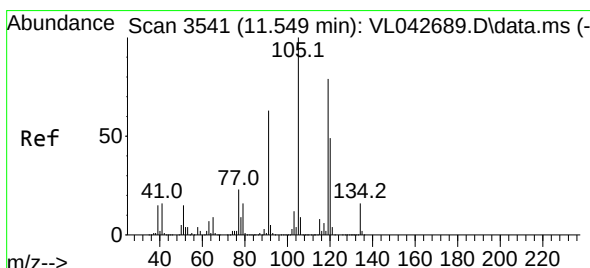
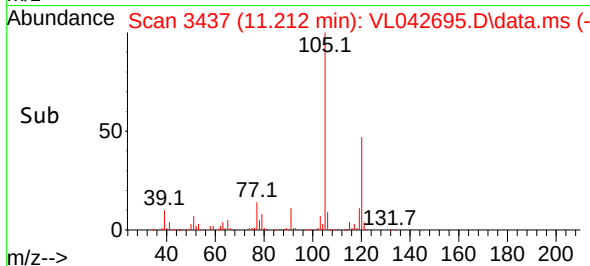
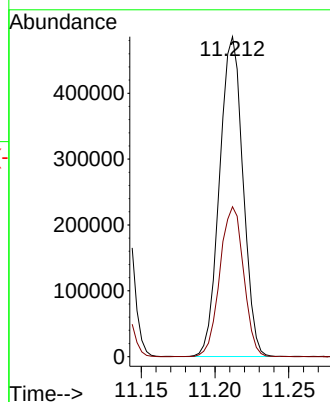
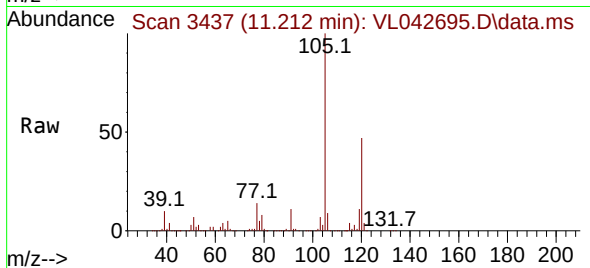
120 46.8 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#74

1,2,4-Trimethylbenzene

Concen: 15.437 ppbv

RT: 11.545 min Scan# 3540

Delta R.T. -0.003 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

Tgt Ion:105 Resp: 572169

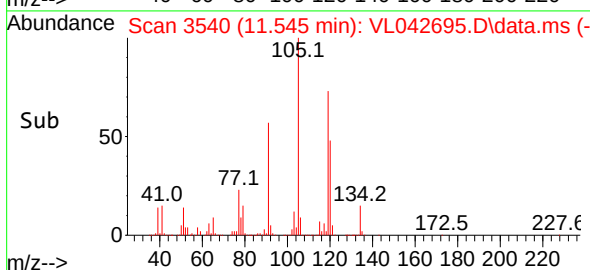
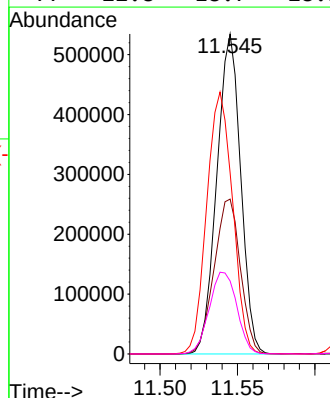
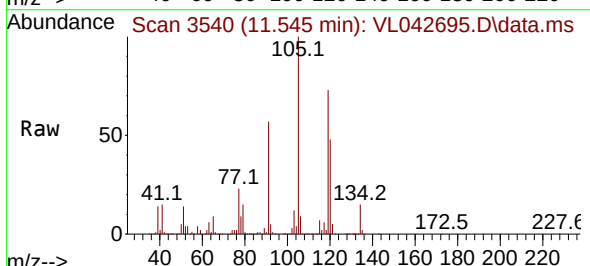
Ion Ratio Lower Upper

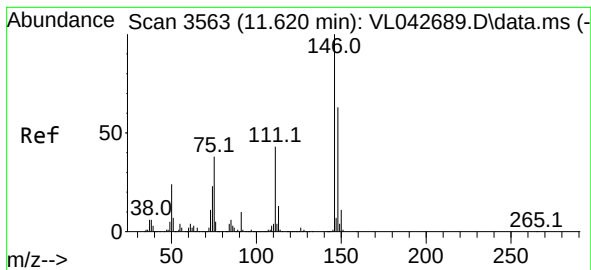
105 100

120 48.3 39.6 59.4

91 56.5 51.0 76.6

77 22.8 18.7 28.1





#75

1,3-Dichlorobenzene

Concen: 14.350 ppbv

RT: 11.616 min Scan# 3562

Delta R.T. -0.003 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:146 Resp: 37317

Ion Ratio Lower Upper

146 100

111 43.9 21.6 65.0

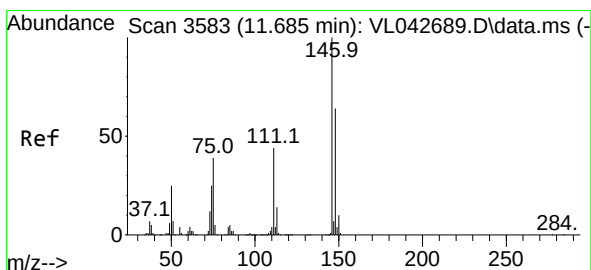
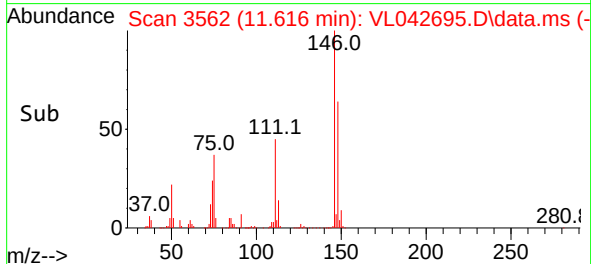
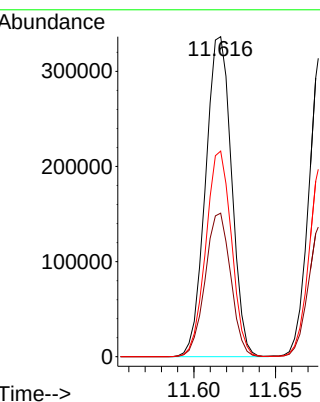
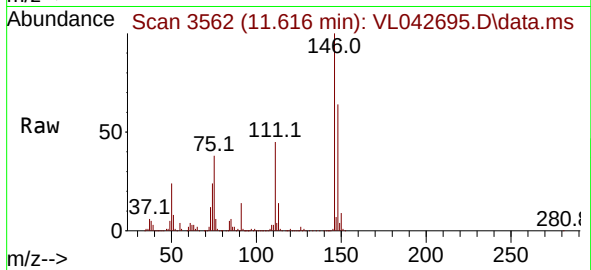
148 63.3 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#76

1,4-Dichlorobenzene

Concen: 15.054 ppbv

RT: 11.678 min Scan# 3581

Delta R.T. -0.007 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

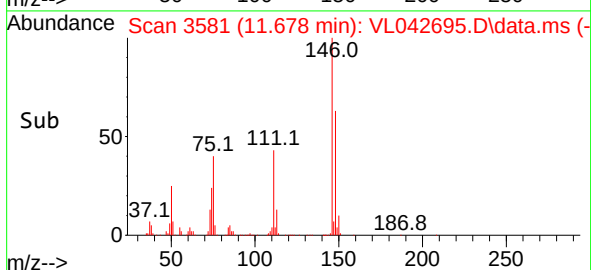
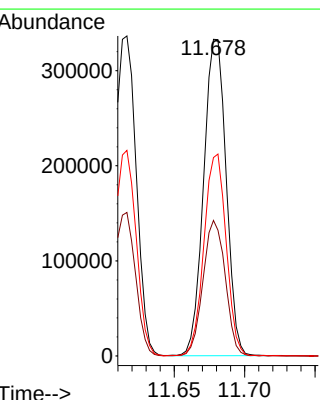
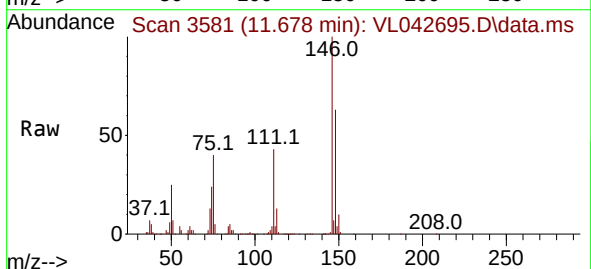
Tgt Ion:146 Resp: 371536

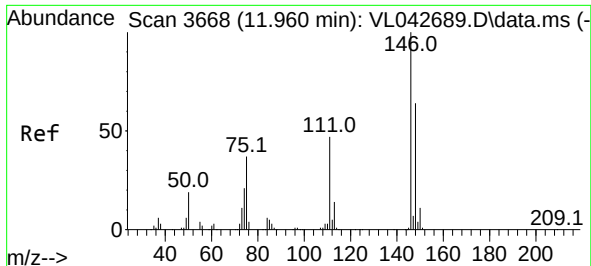
Ion Ratio Lower Upper

146 100

111 42.4 21.4 64.3

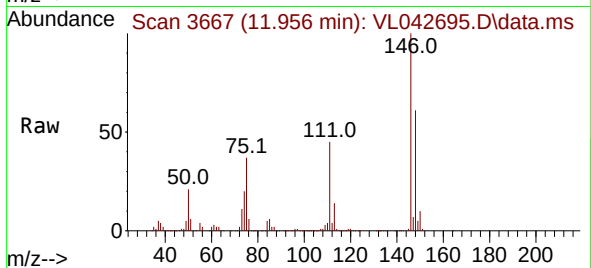
148 63.1 31.8 95.4





#77
1,2-Dichlorobenzene
Concen: 13.568 ppbv
RT: 11.956 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

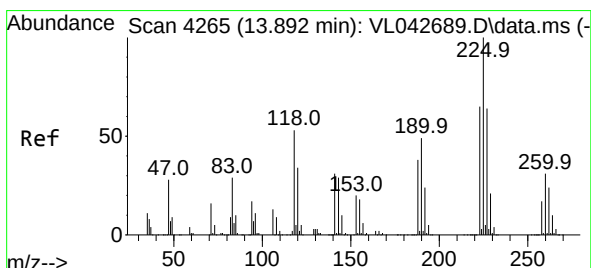
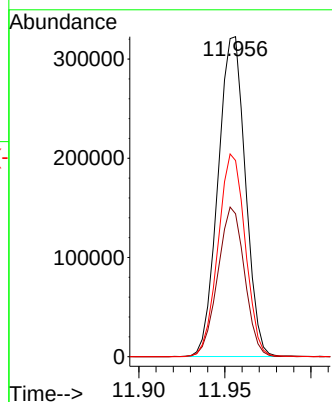
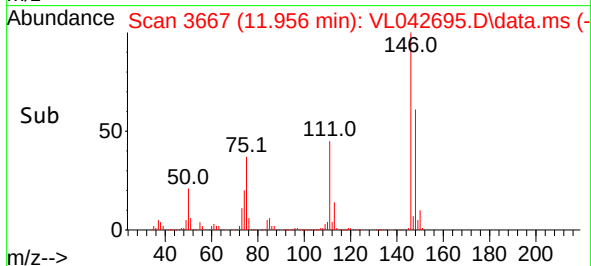
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



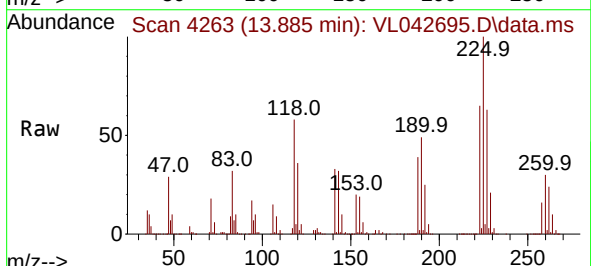
Tgt Ion:146 Resp: 35643
Ion Ratio Lower Upper
146 100
111 45.9 22.9 68.8
148 63.1 31.9 95.7

Manual Integrations
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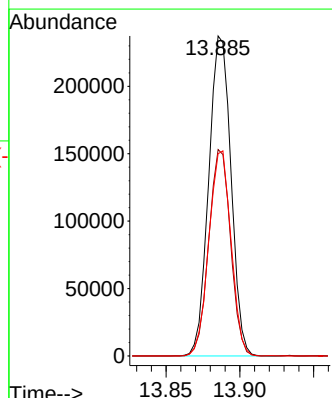
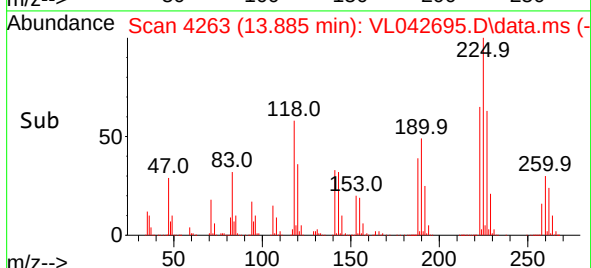
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

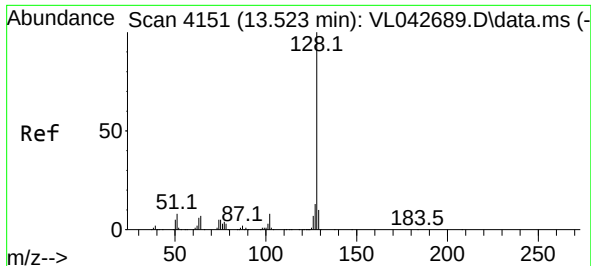


#78
Hexachloro-1,3-Butadiene
Concen: 12.174 ppbv
RT: 13.885 min Scan# 4263
Delta R.T. -0.007 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39



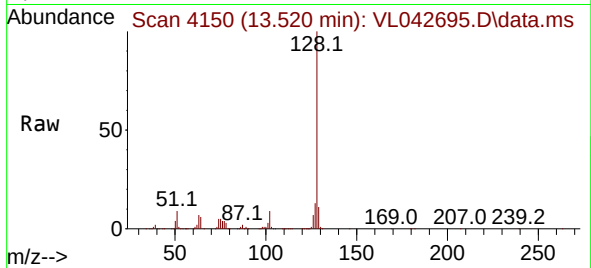
Tgt Ion:225 Resp: 249100
Ion Ratio Lower Upper
225 100
223 63.1 50.5 75.7
227 63.7 50.0 75.0





#79
Naphthalene
Concen: 18.988 ppbv
RT: 13.520 min Scan# 4151
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

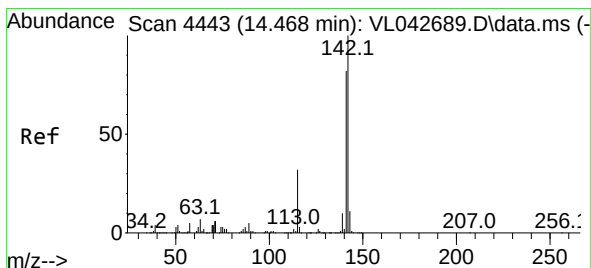
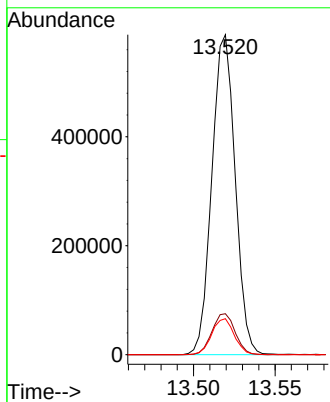
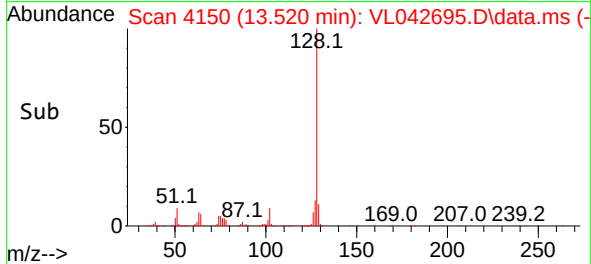
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



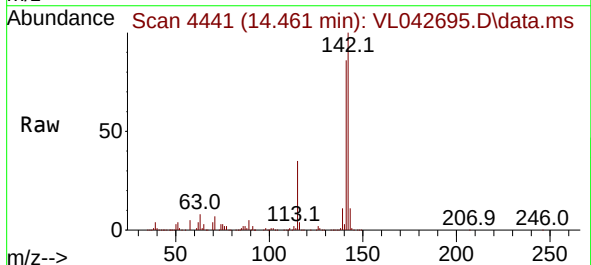
Tgt Ion:128 Resp: 58342
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.2 8.2 12.2

Manual Integrations
APPROVED

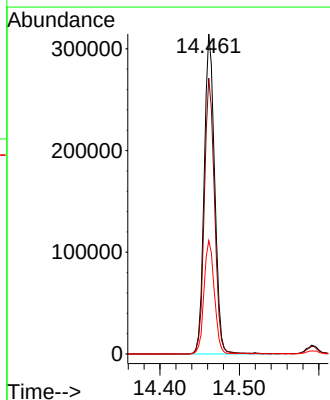
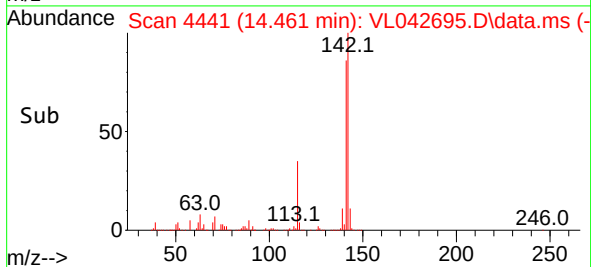
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

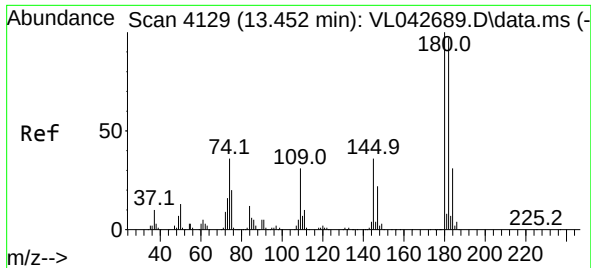


#80
Naphthalene,2-methyl-
Concen: 22.526 ppbv
RT: 14.461 min Scan# 4441
Delta R.T. -0.007 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39



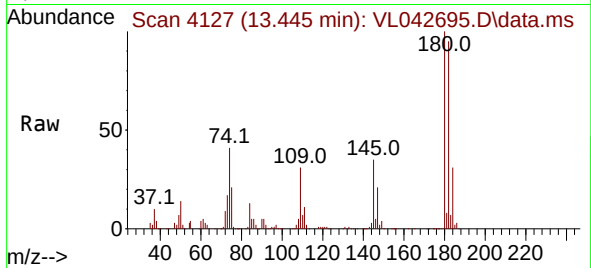
Tgt Ion:142 Resp: 289438
Ion Ratio Lower Upper
142 100
141 84.6 67.4 101.2
115 35.3 26.9 40.3





#81
 1,2,4-Trichlorobenzene
 Concen: 16.284 ppbv
 RT: 13.445 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: VL042695.D
 Acq: 02 Jul 2025 11:39

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



Tgt Ion:180 Resp: 293572
 Ion Ratio Lower Upper
 180 100
 182 96.8 76.7 115.1
 184 30.4 24.4 36.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/03/2025
 Supervised By :Mahesh Dadoda 07/03/2025

