

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070225\
 Data File : VL042697.D
 Acq On : 02 Jul 2025 13:08
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL070225

Manual Integrations APPROVED

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

Quant Time: Jul 03 01:52:34 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 01:48:28 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	123303	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.972	114	310329	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	276453	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.390 95 216163 10.166 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	116554	9.029	ppbv	99
3) Chlorodifluoromethane	1.479	51	174306	9.031	ppbv	100
4) Chloromethane	1.538	50	43699	8.631	ppbv	100
5) Vinyl Chloride	1.586	62	40398	7.938	ppbv	99
6) Bromomethane	1.674	94	19910	8.758	ppbv	97
7) Chloroethane	1.709	64	15991	8.184	ppbv	91
8) Dichlorotetrafluoroethane	1.560	85	93055	8.701	ppbv	99
9) Propene	1.486	41	65538	9.074	ppbv	100
10) Heptane	4.998	43	205783	10.492	ppbv	99
11) Trichlorofluoromethane	1.884	101	123146	9.048	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.146	101	96871	8.992	ppbv	99
13) Ethanol	1.725	45	5367	7.701	ppbv	97
14) Bromoethene	1.787	108	33744	8.987	ppbv	99
15) Acetone	1.842	43	96454	7.887	ppbv	99
16) 1,3-Butadiene	1.612	39	48098	8.535	ppbv	100
17) tert-Butyl alcohol	2.046	59	111736	9.366	ppbv	100
18) 1,1-Dichloroethene	2.039	96	41593	8.690	ppbv	89
19) Isopropyl Alcohol	1.891	45	62969	8.958	ppbv #	1
20) Methylene Chloride	2.069	84	36270	7.756	ppbv	94
21) Allyl Chloride	2.101	41	80005	9.379	ppbv	98
22) trans-1,2-Dichloroethene	2.350	96	47456	9.102	ppbv	91
23) Vinyl Acetate	2.470	43	223198	11.278	ppbv	98
24) 1,1-Dichloroethane	2.415	63	93881	8.712	ppbv	99
25) Ethyl Acetate	2.842	43	357668	9.669	ppbv	100
26) Hexane	2.836	57	153642	9.955	ppbv	98
27) Carbon Disulfide	2.156	76	112533	8.941	ppbv	100
28) Methyl tert-Butyl Ether	2.450	73	63610	10.073	ppbv	97
29) Chloroform	2.858	83	209878	9.003	ppbv	100
30) Cyclohexane	3.871	84	119433	10.263	ppbv	98
31) cis-1,2-Dichloroethene	2.729	61	140575	9.570	ppbv	92
32) 1,1,1-Trichloroethane	3.383	97	194566	8.699	ppbv	99
34) 2-Butanone	2.564	43	231069	9.408	ppbv	99
35) Carbon Tetrachloride	3.774	117	190226	8.859	ppbv	100
36) Benzene	3.671	78	297230	9.503	ppbv	97
37) 1,2-Dichloroethane	3.231	62	149307	8.988	ppbv	100
38) Trichloroethene	4.564	130	117341	8.684	ppbv	92
39) 1,2-Dichloropropane	4.328	63	111969	9.179	ppbv	96
40) 1,4-Dioxane	4.600	88	49078	10.383	ppbv #	98
41) Tetrahydrofuran	3.062	42	128395	10.258	ppbv	98
42) Bromodichloromethane	4.503	83	219302	9.321	ppbv	92
43) Methyl Methacrylate	4.901	69	108319	10.769	ppbv	100
44) 2,2,4-Trimethylpentane	4.658	57	531839	10.122	ppbv	100
45) t-1,3-Dichloropropene	6.438	75	109312	10.353	ppbv	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070225\
 Data File : VL042697.D
 Acq On : 02 Jul 2025 13:08
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL070225

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 01:52:34 2025

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

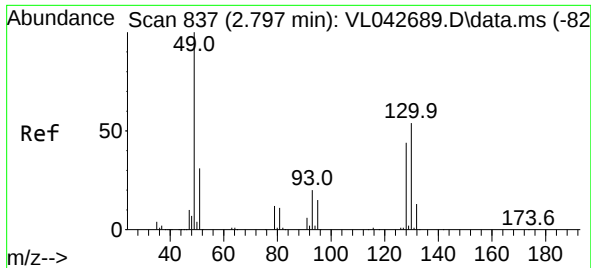
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Jul 03 01:48:28 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.619	75	146557	10.060	ppbv	99
47) 1,1,2-Trichloroethane	6.600	97	115019	9.574	ppbv	96
48) Dibromochloromethane	7.406	129	171297	9.311	ppbv	98
49) Bromoform	9.500	173	149108	9.384	ppbv	98
50) 4-Methyl-2-Pentanone	5.771	43	300056	10.433	ppbv	99
51) 2-Hexanone	7.451	43	236851	11.319	ppbv	98
52) Tetrachloroethene	8.241	164	96485	9.229	ppbv	98
53) Toluene	6.953	91	319495	10.940	ppbv	99
54) 1,2-Dibromoethane	7.671	107	159700	9.536	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.937	131	132435	8.859	ppbv	98
57) Chlorobenzene	8.937	112	247805	8.935	ppbv	98
58) Ethyl Benzene	9.370	91	433115	10.833	ppbv	97
59) m/p-Xylene	9.565	91	711646m	21.251	ppbv	
60) o-Xylene	9.979	91	349746	10.617	ppbv	98
61) Styrene	9.885	104	145395	11.235	ppbv	99
62) Isopropylbenzene	10.552	105	507890	10.215	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.976	83	230175	9.073	ppbv	98
64) n-propylbenzene	10.998	120	134923	10.599	ppbv	99
65) tert-Butylbenzene	11.542	119	438705	10.308	ppbv	100
66) Benzyl Chloride	11.626	91	42290	10.256	ppbv	99
67) sec-Butylbenzene	11.778	105	643534	9.871	ppbv	100
69) p-Isopropyltoluene	11.937	119	525986	10.137	ppbv	100
70) n-Butylbenzene	12.290	91	546708	10.458	ppbv	100
71) 2-Chlorotoluene	10.914	91	385485	10.480	ppbv	99
72) 4-Ethyltoluene	11.134	105	432340	10.756	ppbv	100
73) 1,3,5-Trimethylbenzene	11.215	105	360290	10.631	ppbv	100
74) 1,2,4-Trimethylbenzene	11.549	105	389736	10.081	ppbv	95
75) 1,3-Dichlorobenzene	11.620	146	249086	9.183	ppbv	99
76) 1,4-Dichlorobenzene	11.681	146	243912	9.475	ppbv	100
77) 1,2-Dichlorobenzene	11.956	146	238854	8.718	ppbv	99
78) Hexachloro-1,3-Butadiene	13.889	225	164880	7.726	ppbv	100
79) Naphthalene	13.523	128	362200	11.225	ppbv	98
80) Naphthalene,2-methyl-	14.465	142	141019	10.522	ppbv	99
81) 1,2,4-Trichlorobenzene	13.449	180	184782	9.827	ppbv	99

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



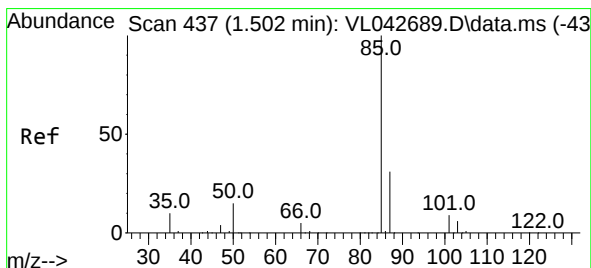
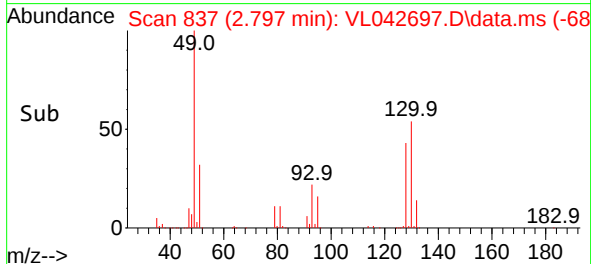
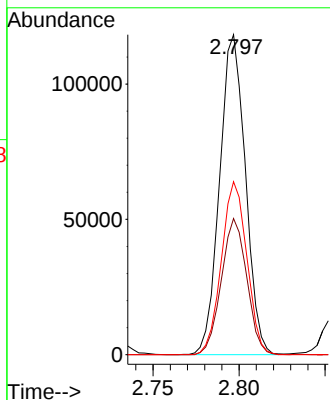
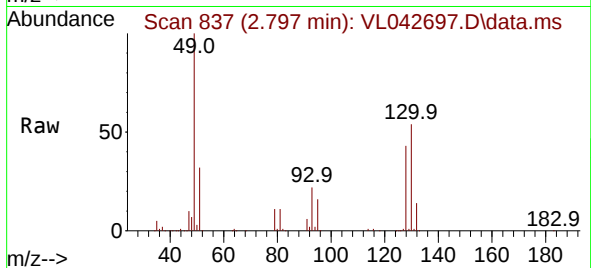
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 837
Delta R.T. -0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

Instrument : MSVOA_L
ClientSampleId : ICVVL070225

Tgt Ion: 49 Resp: 12330
Ion Ratio Lower Upper
49 100
128 42.0 21.4 64.2
130 53.2 28.0 84.0

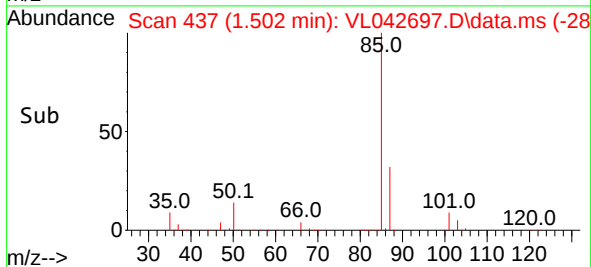
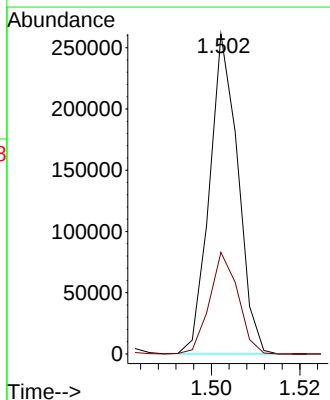
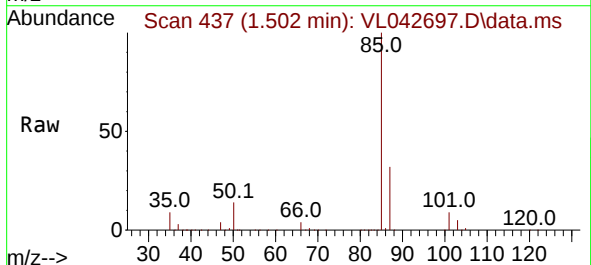
Manual Integrations
APPROVED

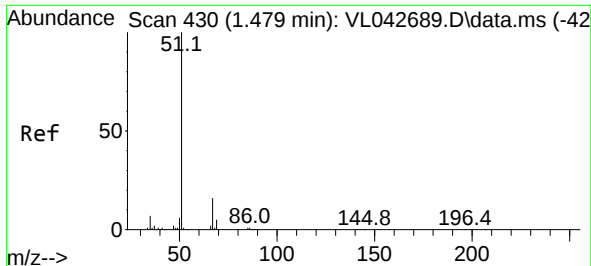
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#2
Dichlorodifluoromethane
Concen: 9.029 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

Tgt Ion: 85 Resp: 116554
Ion Ratio Lower Upper
85 100
87 31.7 25.1 37.7





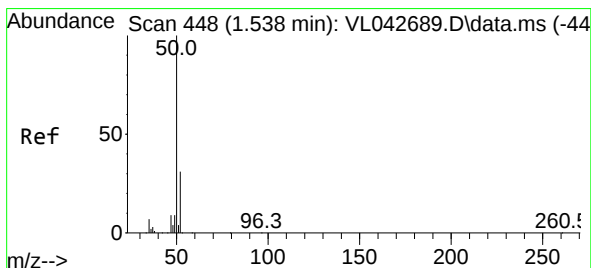
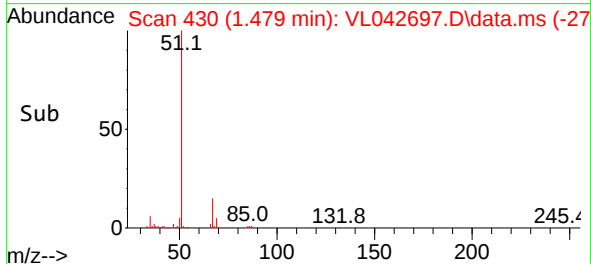
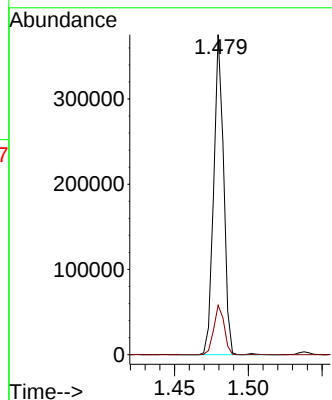
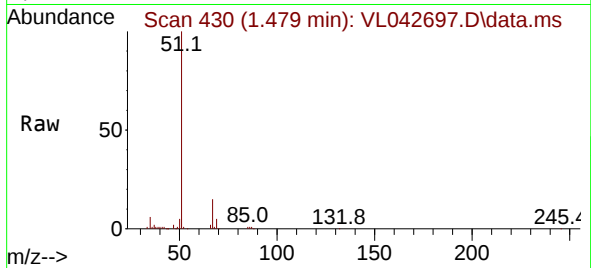
#3
Chlorodifluoromethane
Concen: 9.031 ppbv
RT: 1.479 min Scan# 430
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

Instrument :
MSVOA_L
ClientSampleId :
ICVVL070225

Tgt Ion: 51 Resp: 174300
Ion Ratio Lower Upper
51 100
67 16.2 13.1 19.7

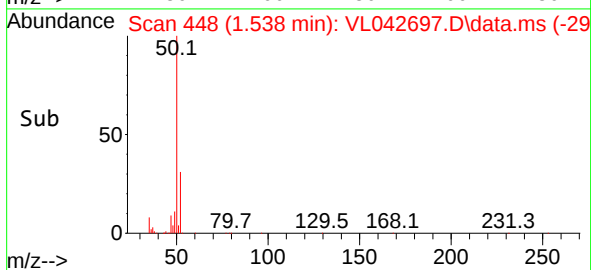
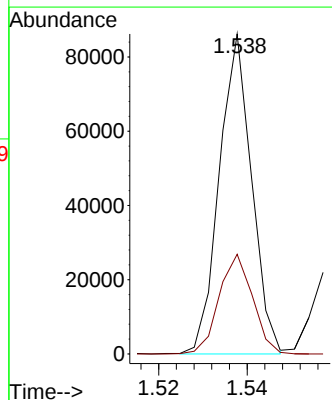
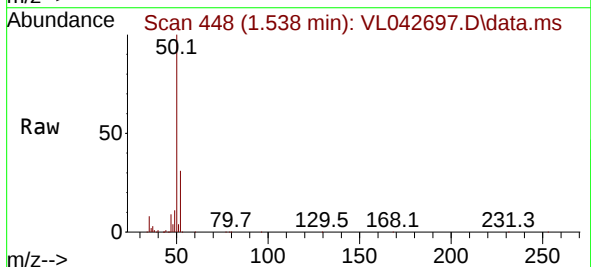
Manual Integrations
APPROVED

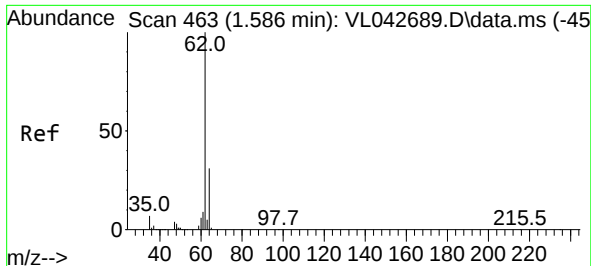
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#4
Chloromethane
Concen: 8.631 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

Tgt Ion: 50 Resp: 43699
Ion Ratio Lower Upper
50 100
52 31.1 24.8 37.2





#5
 Vinyl Chloride
 Concen: 7.938 ppbv
 RT: 1.586 min Scan# 40398
 Delta R.T. 0.000 min
 Lab File: VL042697.D
 Acq: 02 Jul 2025 13:08

Instrument :

MSVOA_L

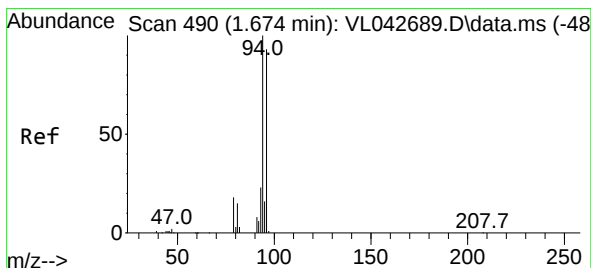
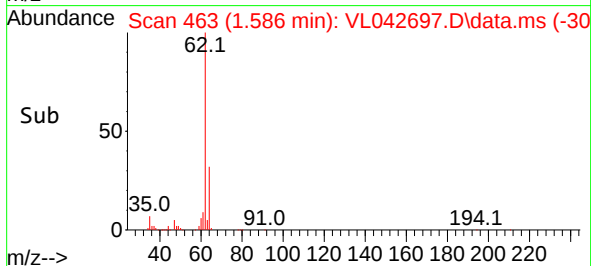
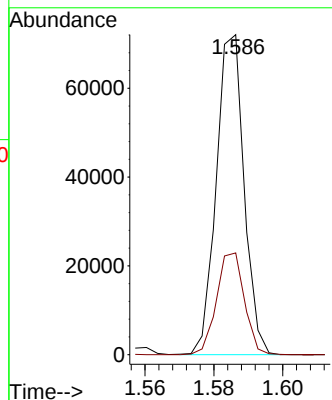
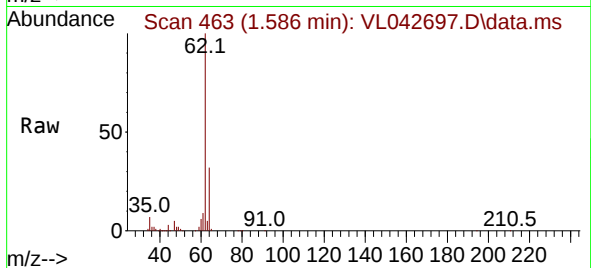
ClientSampleId :

ICVVL070225

Tgt Ion: 62 Resp: 40398
 Ion Ratio Lower Upper
 62 100
 64 31.8 25.1 37.7

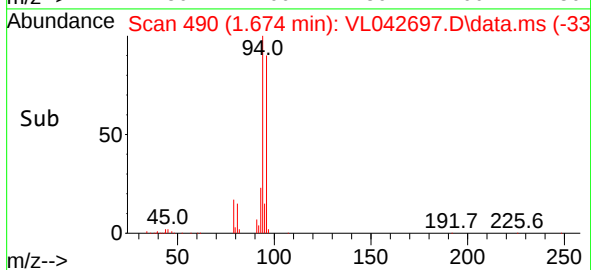
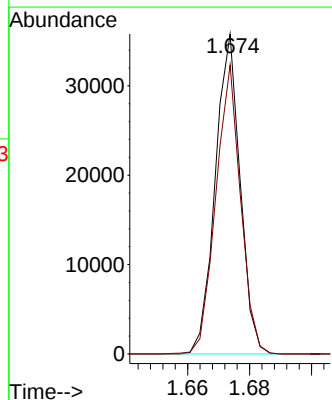
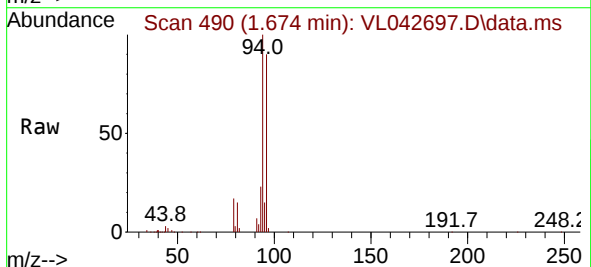
Manual Integrations
 APPROVED

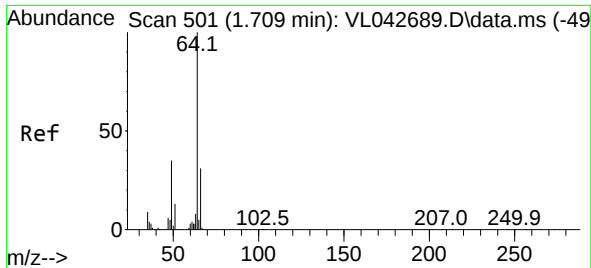
Reviewed By :Semsettin Yesilyurt 07/03/2025
 Supervised By :Mahesh Dadoda 07/03/2025



#6
 Bromomethane
 Concen: 8.758 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. 0.000 min
 Lab File: VL042697.D
 Acq: 02 Jul 2025 13:08

Tgt Ion: 94 Resp: 19910
 Ion Ratio Lower Upper
 94 100
 96 90.4 74.6 112.0





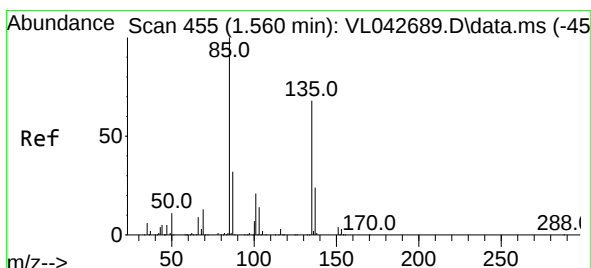
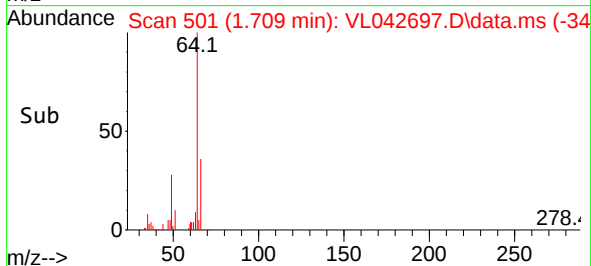
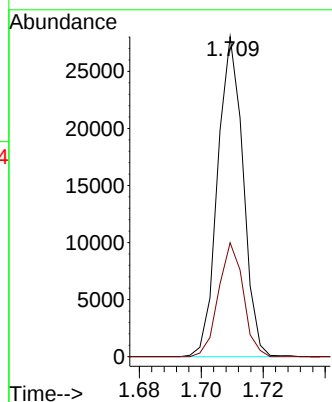
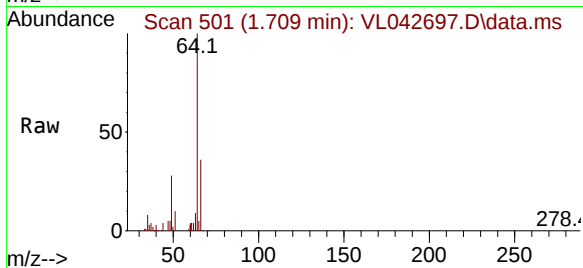
#7
Chloroethane
Concen: 8.184 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

Instrument :
MSVOA_L
ClientSampleId :
ICVVL070225

Tgt Ion: 64 Resp: 1599
Ion Ratio Lower Upper
64 100
66 35.6 24.7 37.1

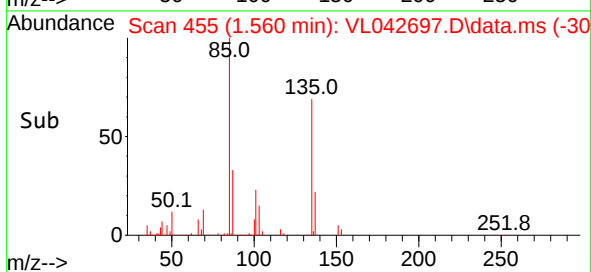
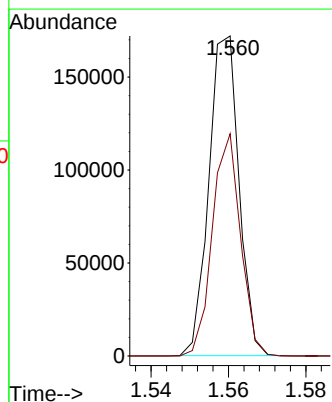
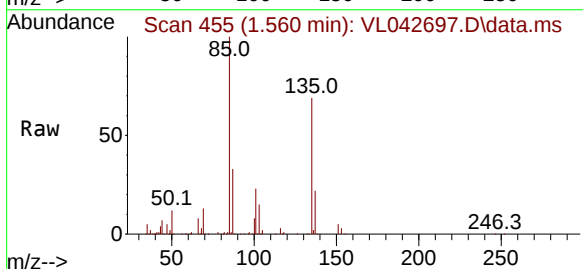
Manual Integrations
APPROVED

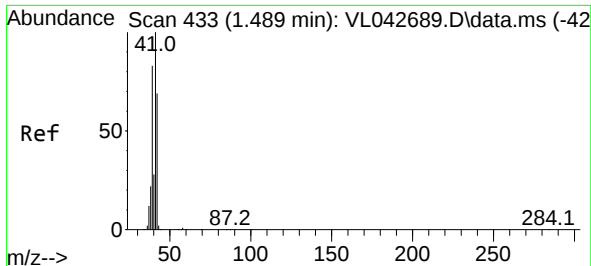
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#8
Dichlorotetrafluoroethane
Concen: 8.701 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

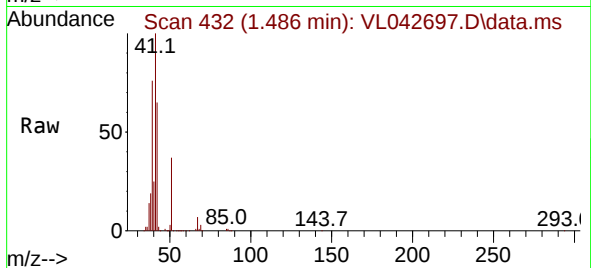
Tgt Ion: 85 Resp: 93055
Ion Ratio Lower Upper
85 100
135 64.9 52.6 79.0





#9
 Propene
 Concen: 9.074 ppbv
 RT: 1.486 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL042697.D
 Acq: 02 Jul 2025 13:08

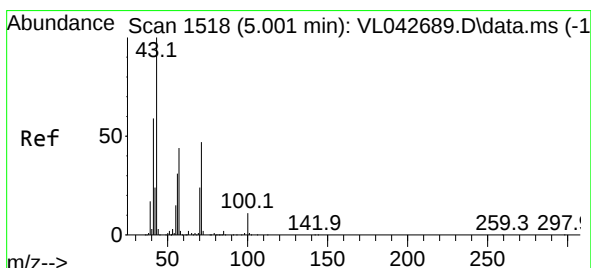
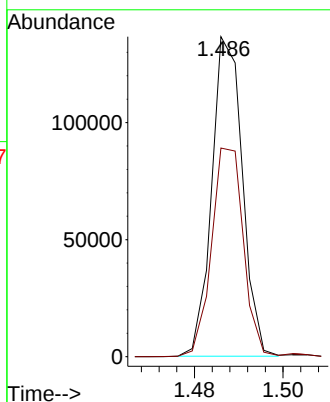
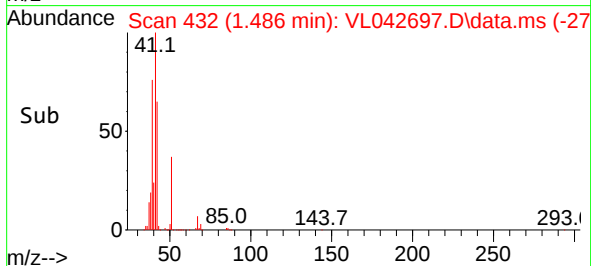
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL070225



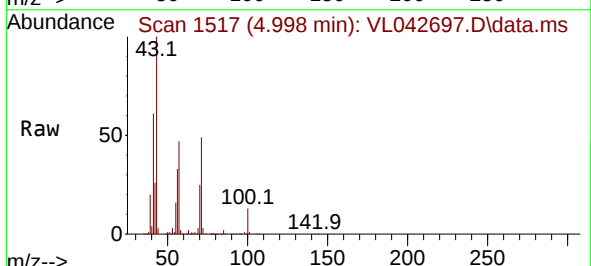
Tgt Ion: 41 Resp: 65538
 Ion Ratio Lower Upper
 41 100
 42 69.1 55.6 83.4

Manual Integrations
 APPROVED

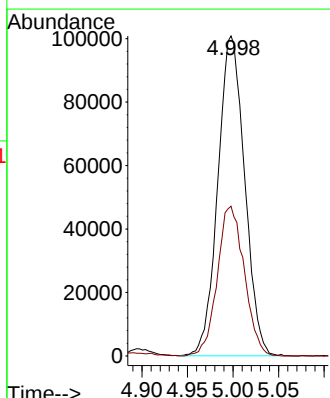
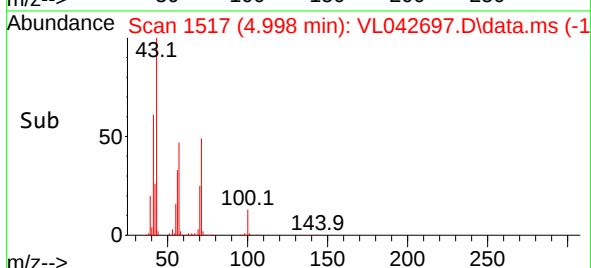
Reviewed By :Semsettin Yesilyurt 07/03/2025
 Supervised By :Mahesh Dadoda 07/03/2025

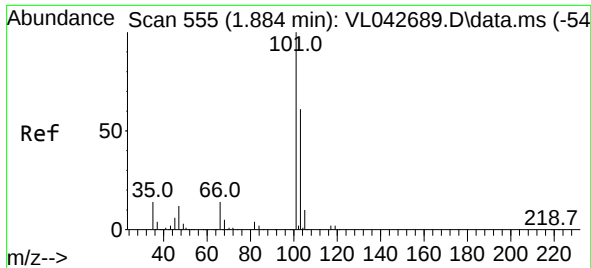


#10
 Heptane
 Concen: 10.492 ppbv
 RT: 4.998 min Scan# 1517
 Delta R.T. -0.003 min
 Lab File: VL042697.D
 Acq: 02 Jul 2025 13:08



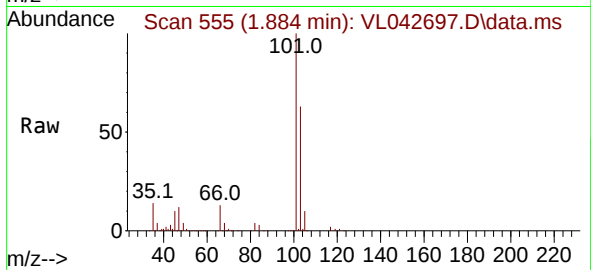
Tgt Ion: 43 Resp: 205783
 Ion Ratio Lower Upper
 43 100
 57 47.2 37.4 56.0





#11
Trichlorofluoromethane
Concen: 9.048 ppbv
RT: 1.884 min Scan# 555
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

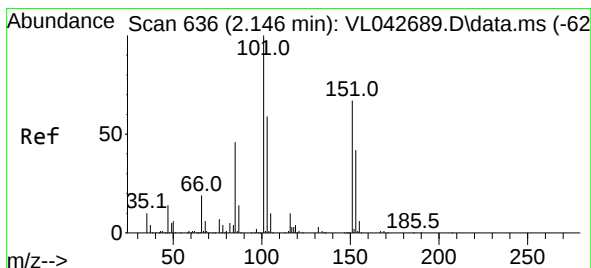
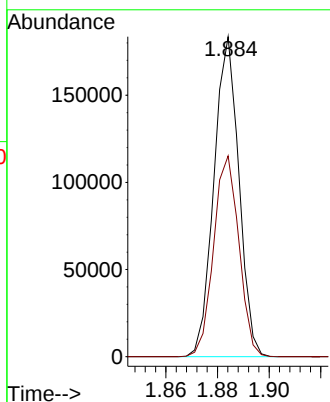
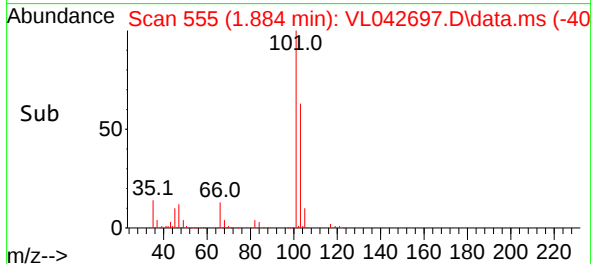
Instrument :
MSVOA_L
ClientSampleId :
ICVVL070225



Tgt Ion:101 Resp: 123140
Ion Ratio Lower Upper
101 100
103 62.8 48.9 73.3

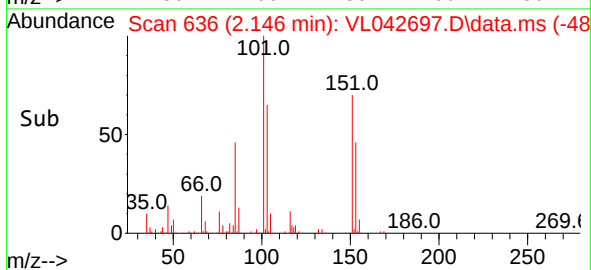
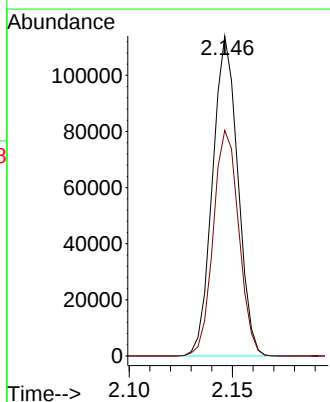
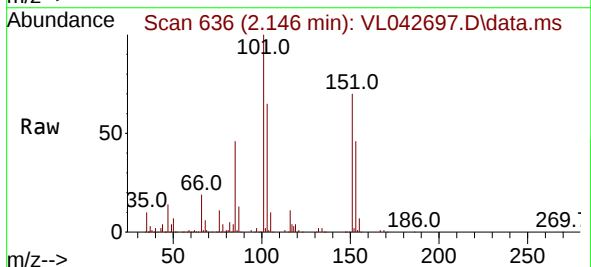
Manual Integrations
APPROVED

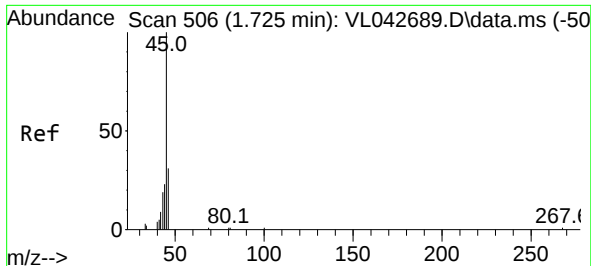
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.992 ppbv
RT: 2.146 min Scan# 636
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

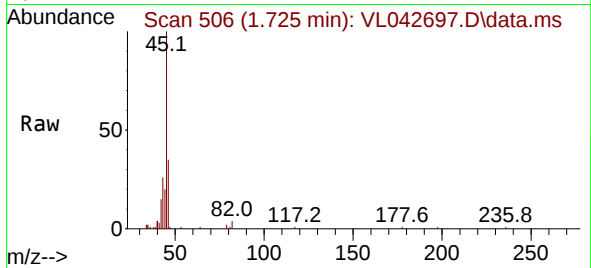
Tgt Ion:101 Resp: 96871
Ion Ratio Lower Upper
101 100
151 71.2 56.6 84.8





#13
Ethanol
Concen: 7.701 ppbv
RT: 1.725 min Scan# 506
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

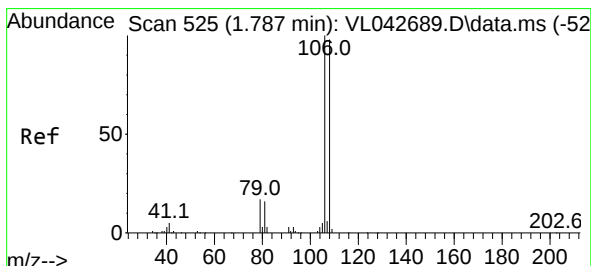
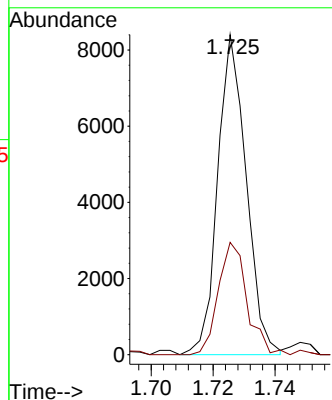
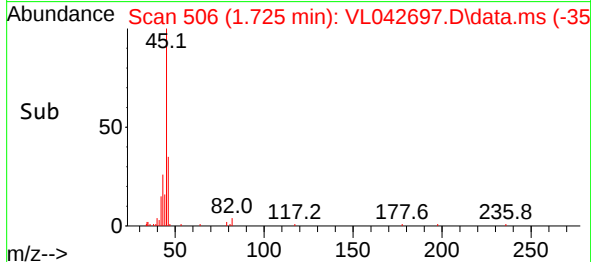
Instrument :
MSVOA_L
ClientSampleId :
ICVVL070225



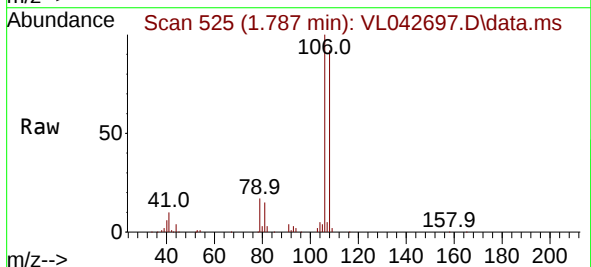
Tgt Ion: 45 Resp: 536
Ion Ratio Lower Upper
45 100
46 35.9 15.2 60.8

Manual Integrations
APPROVED

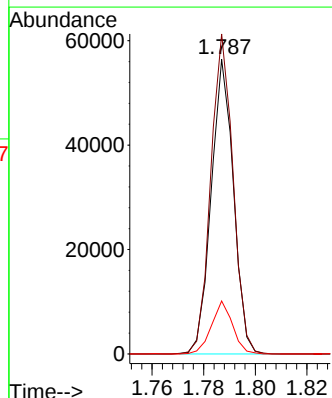
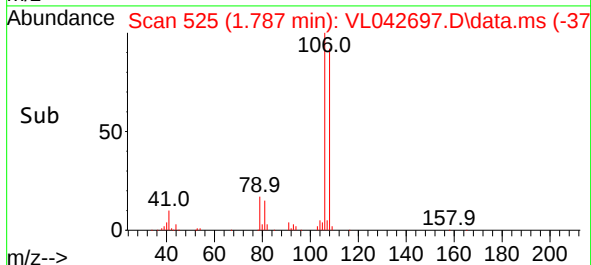
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

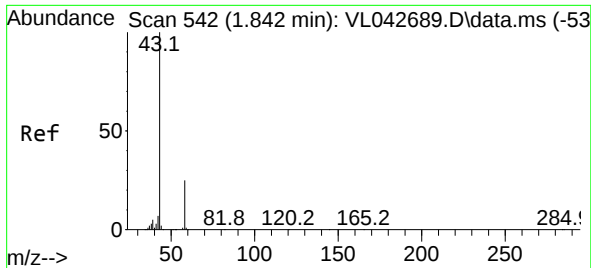


#14
Bromoethene
Concen: 8.987 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08



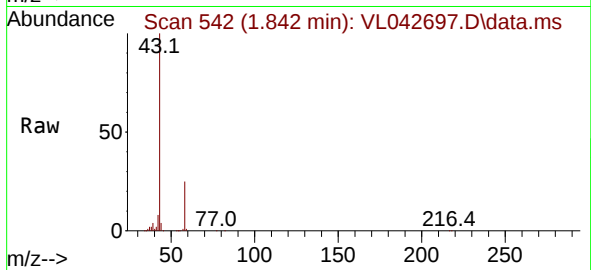
Tgt Ion:108 Resp: 33744
Ion Ratio Lower Upper
108 100
106 108.1 85.9 128.9
79 17.1 14.5 21.7





#15
Acetone
Concen: 7.887 ppbv
RT: 1.842 min Scan# 54
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

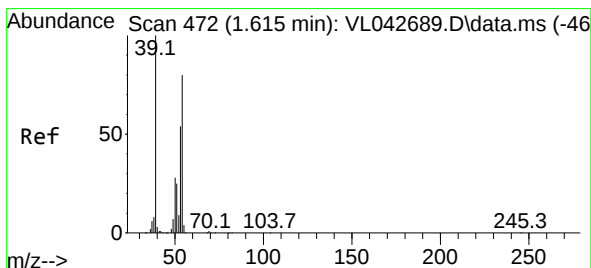
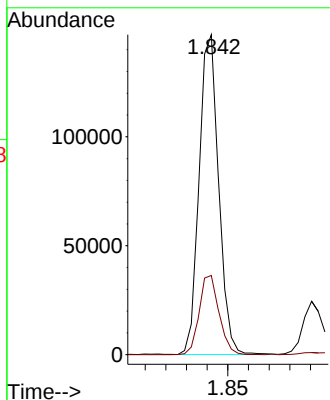
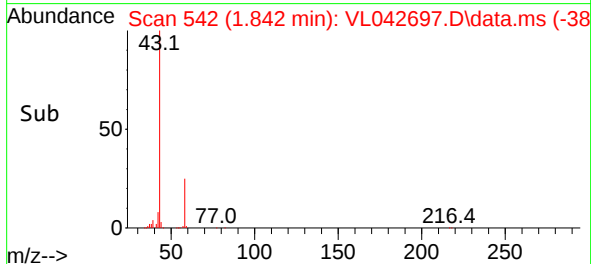
Instrument :
MSVOA_L
ClientSampleId :
ICVVL070225



Tgt Ion: 43 Resp: 96454
Ion Ratio Lower Upper
43 100
58 25.3 20.6 31.0

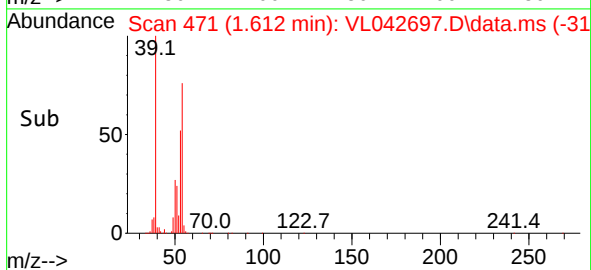
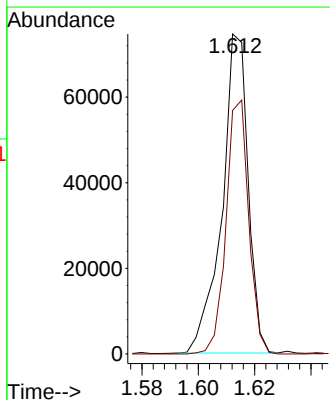
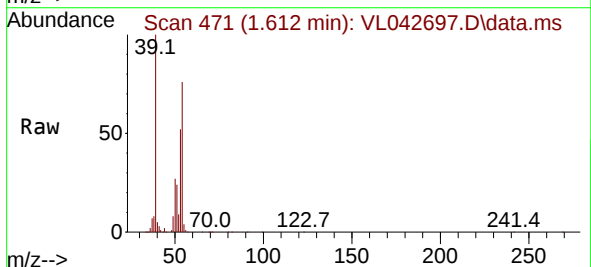
Manual Integrations
APPROVED

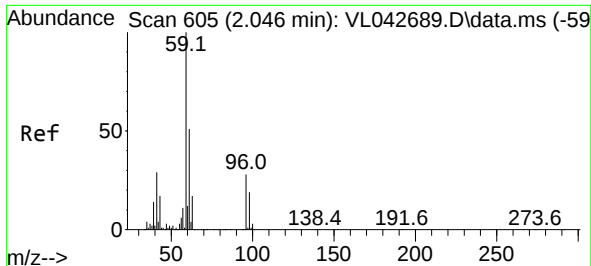
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#16
1,3-Butadiene
Concen: 8.535 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.003 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

Tgt Ion: 39 Resp: 48098
Ion Ratio Lower Upper
39 100
54 68.9 54.9 82.3





#17

tert-Butyl alcohol

Concen: 9.366 ppbv

RT: 2.046 min Scan# 605

Delta R.T. 0.000 min

Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

Instrument :

MSVOA_L

ClientSampleId :

ICVVL070225

Tgt Ion: 59 Resp: 111730

Ion Ratio Lower Upper

59 100

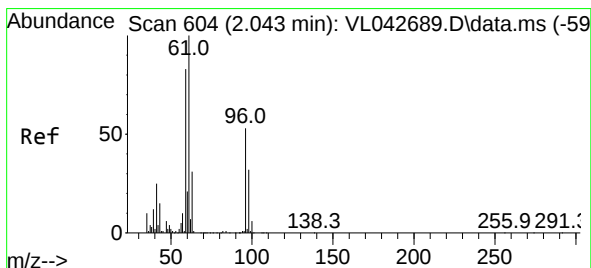
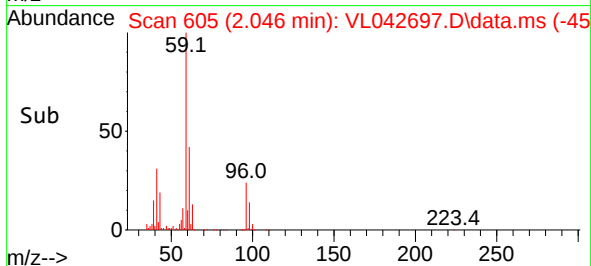
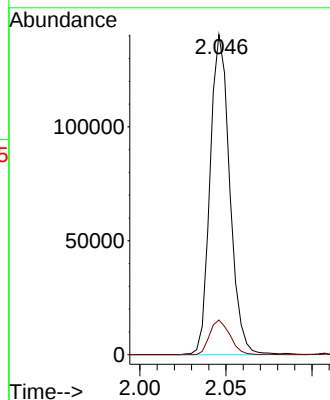
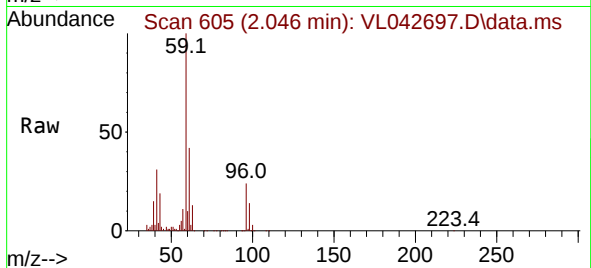
57 11.2 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#18

1,1-Dichloroethene

Concen: 8.690 ppbv

RT: 2.039 min Scan# 603

Delta R.T. -0.003 min

Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

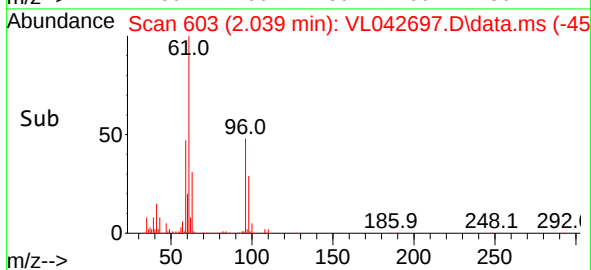
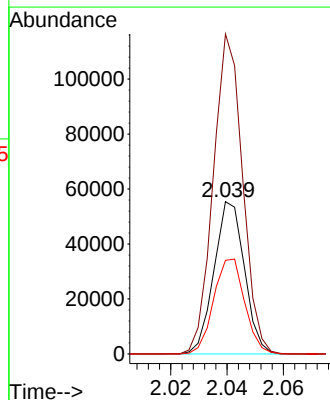
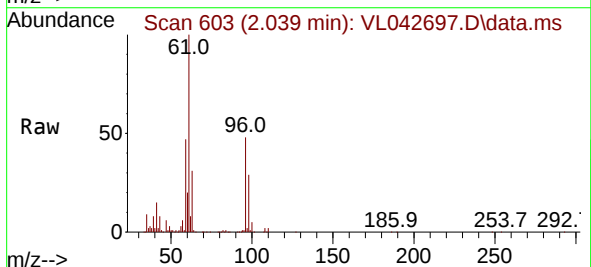
Tgt Ion: 96 Resp: 41593

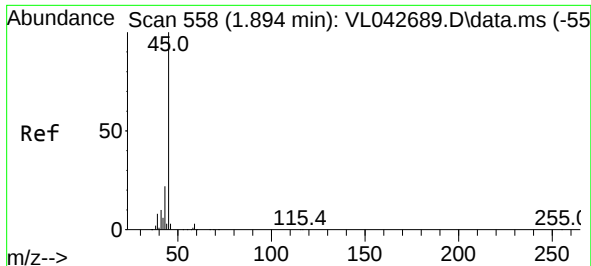
Ion Ratio Lower Upper

96 100

61 210.0 151.0 226.6

98 61.4 49.0 73.4





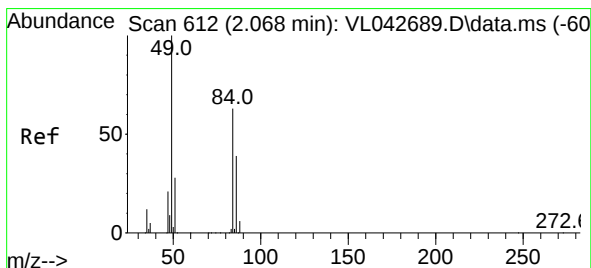
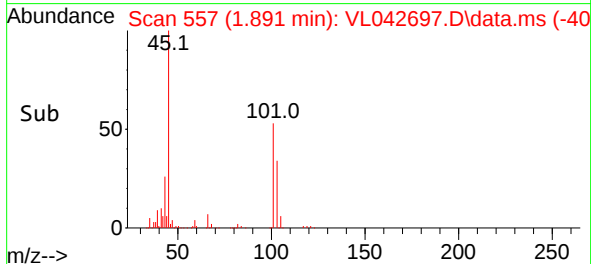
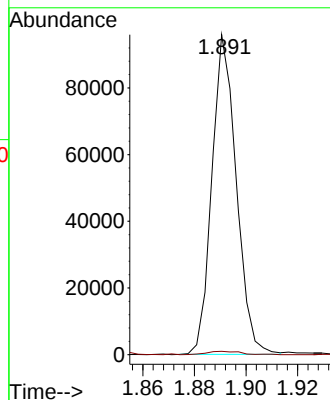
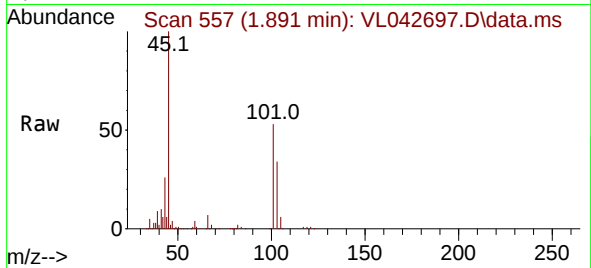
#19
Isopropyl Alcohol
Concen: 8.958 ppbv
RT: 1.891 min Scan# 558
Delta R.T. -0.003 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

Instrument :
MSVOA_L
ClientSampleId :
ICVVL070225

Tgt Ion: 45 Resp: 62969
Ion Ratio Lower Upper
45 100
58 38.6 1.4 2.2

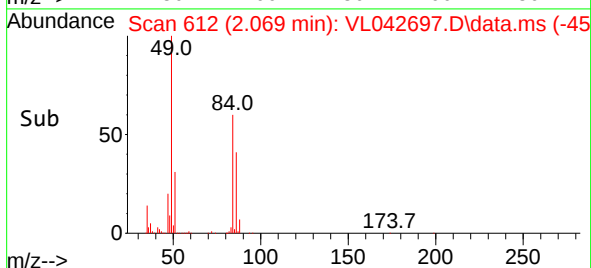
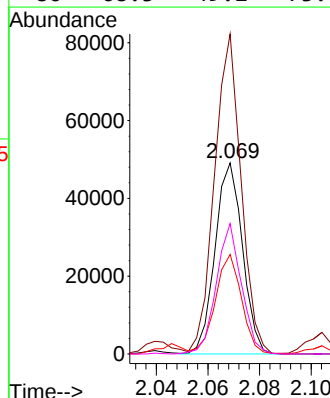
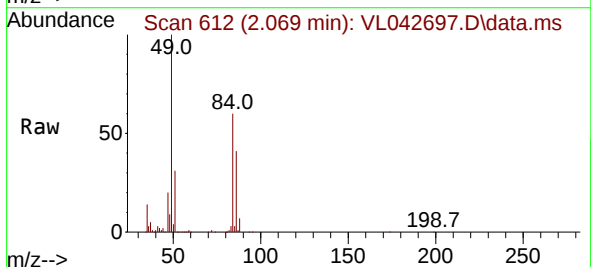
Manual Integrations
APPROVED

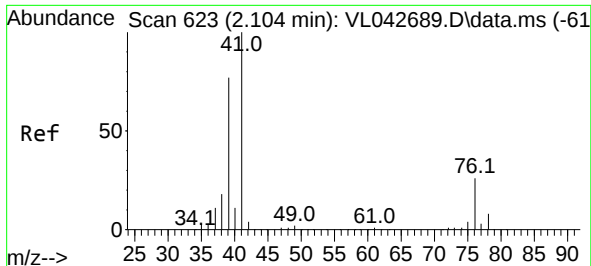
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#20
Methylene Chloride
Concen: 7.756 ppbv
RT: 2.069 min Scan# 612
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

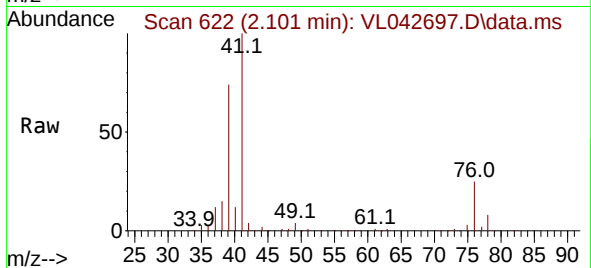
Tgt Ion: 84 Resp: 36270
Ion Ratio Lower Upper
84 100
49 167.2 128.6 193.0
51 51.8 37.4 56.2
86 68.3 49.2 73.8





#21
 Allyl Chloride
 Concen: 9.379 ppbv
 RT: 2.101 min Scan# 611
 Delta R.T. -0.003 min
 Lab File: VL042697.D
 Acq: 02 Jul 2025 13:08

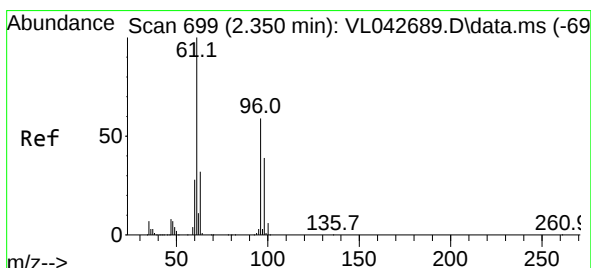
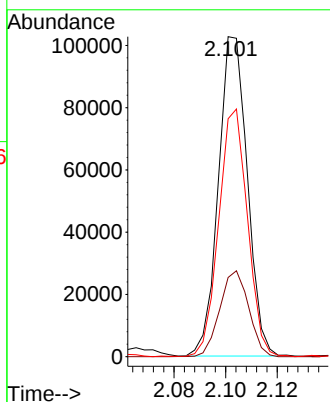
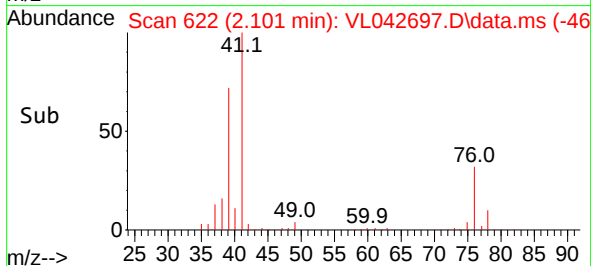
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL070225



Tgt Ion: 41 Resp: 8000
 Ion Ratio Lower Upper
 41 100
 76 26.8 21.7 32.5
 39 76.8 63.4 95.2

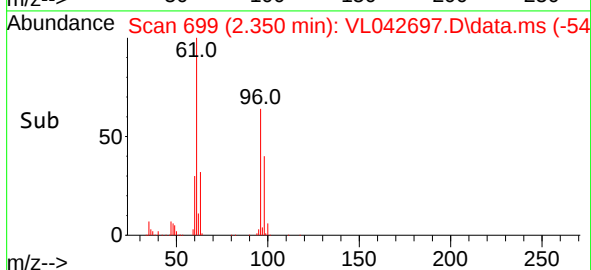
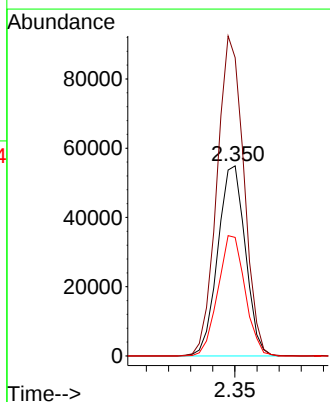
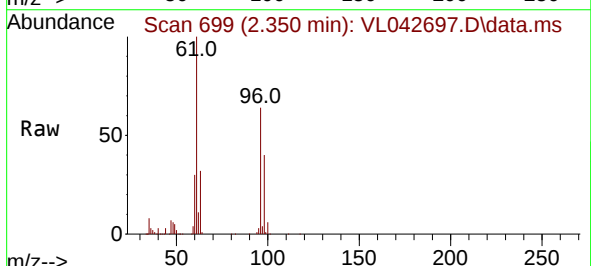
Manual Integrations
 APPROVED

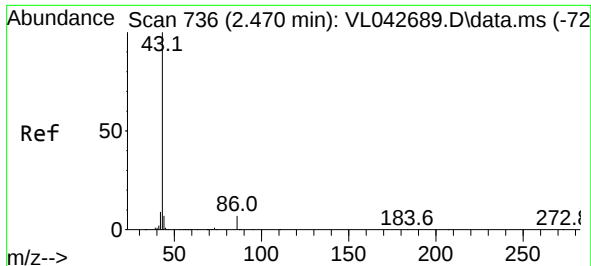
Reviewed By :Semsettin Yesilyurt 07/03/2025
 Supervised By :Mahesh Dadoda 07/03/2025



#22
 trans-1,2-Dichloroethene
 Concen: 9.102 ppbv
 RT: 2.350 min Scan# 699
 Delta R.T. 0.000 min
 Lab File: VL042697.D
 Acq: 02 Jul 2025 13:08

Tgt Ion: 96 Resp: 47456
 Ion Ratio Lower Upper
 96 100
 61 156.9 136.5 204.7
 98 62.3 53.5 80.3





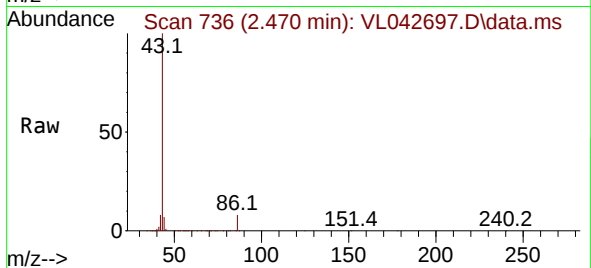
#23
 Vinyl Acetate
 Concen: 11.278 ppbv
 RT: 2.470 min Scan# 719
 Delta R.T. 0.000 min
 Lab File: VL042697.D
 Acq: 02 Jul 2025 13:08

Instrument :

MSVOA_L

ClientSampleId :

ICVVL070225

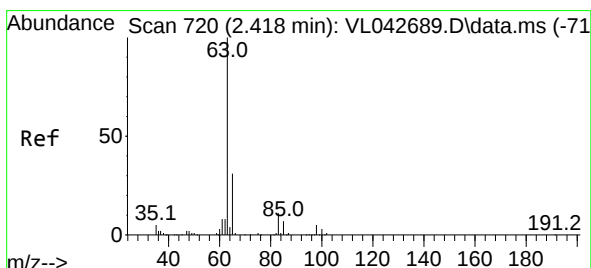
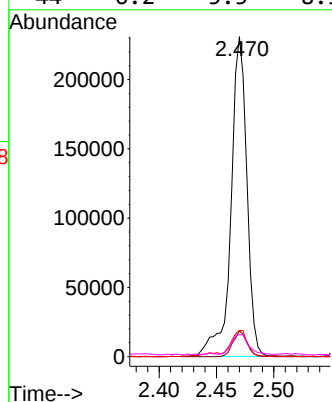
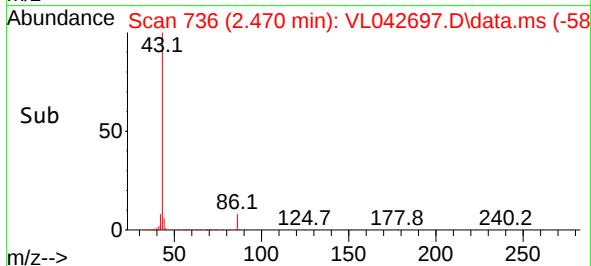


Tgt Ion: 43 Resp: 223198
 Ion Ratio Lower Upper
 43 100
 86 8.2 5.8 8.6
 42 8.1 7.2 10.8
 44 6.2 5.5 8.3

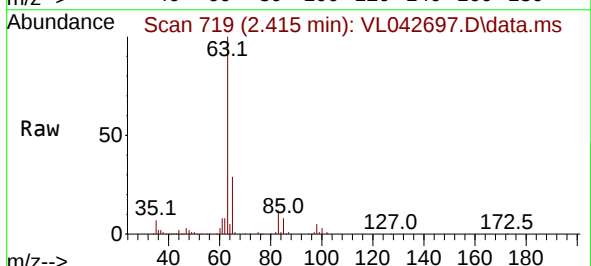
Manual Integrations

APPROVED

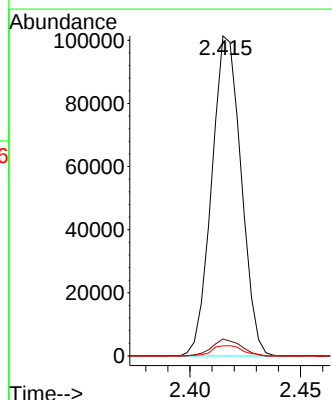
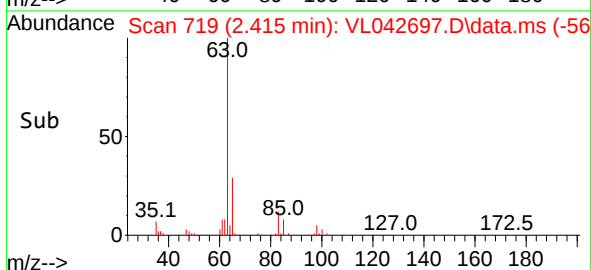
Reviewed By :Semsettin Yesilyurt 07/03/2025
 Supervised By :Mahesh Dadoda 07/03/2025

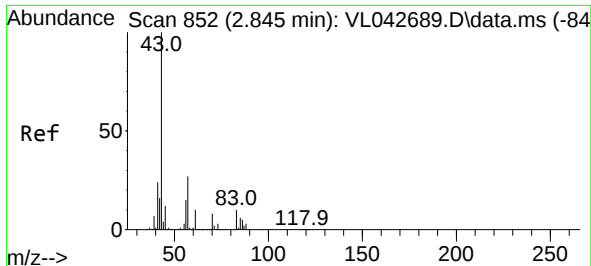


#24
 1,1-Dichloroethane
 Concen: 8.712 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. -0.003 min
 Lab File: VL042697.D
 Acq: 02 Jul 2025 13:08



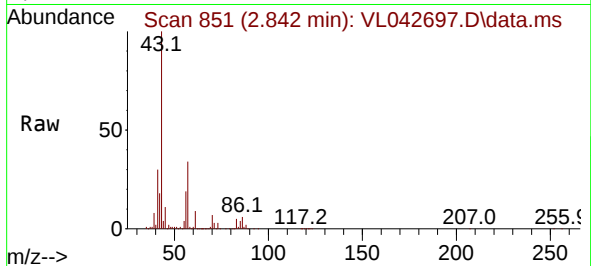
Tgt Ion: 63 Resp: 93881
 Ion Ratio Lower Upper
 63 100
 98 5.3 2.5 7.6
 100 3.2 1.7 5.0





#25
Ethyl Acetate
Concen: 9.669 ppbv
RT: 2.842 min Scan# 851
Delta R.T. -0.003 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

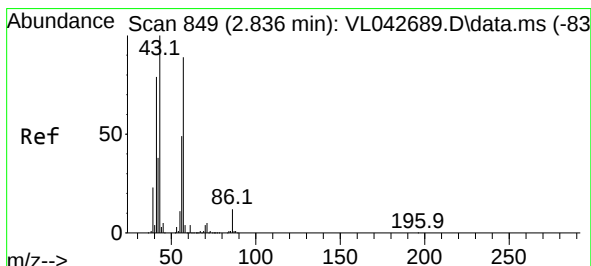
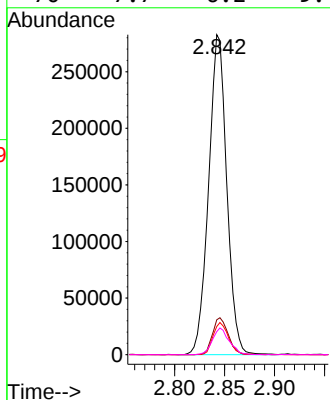
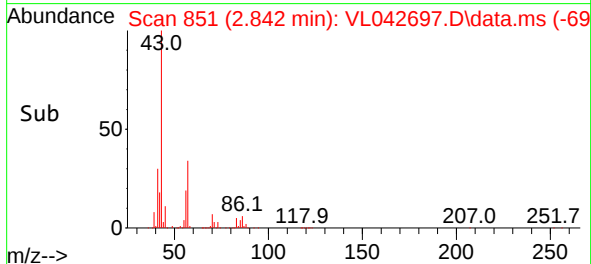
Instrument :
MSVOA_L
ClientSampleId :
ICVVL070225



Tgt Ion: 43 Resp: 357668
Ion Ratio Lower Upper
43 100
45 10.1 8.1 12.1
61 8.6 7.0 10.6
70 7.7 6.2 9.4

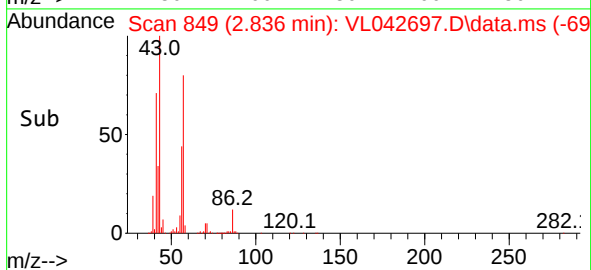
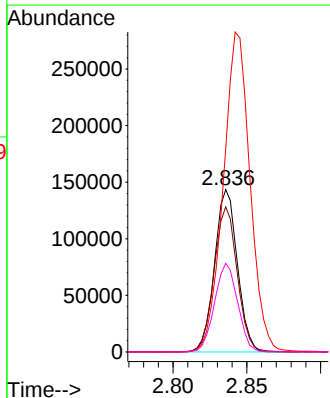
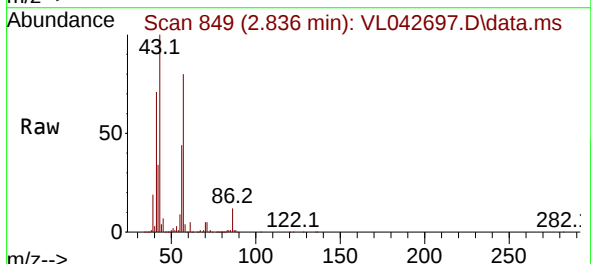
Manual Integrations
APPROVED

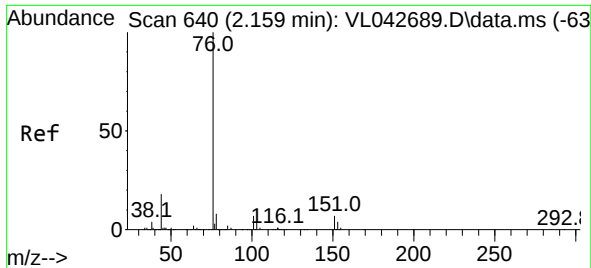
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#26
Hexane
Concen: 9.955 ppbv
RT: 2.836 min Scan# 849
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

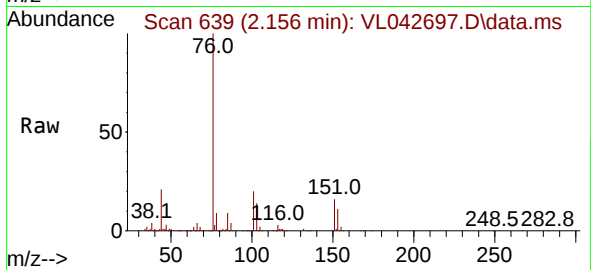
Tgt Ion: 57 Resp: 153642
Ion Ratio Lower Upper
57 100
41 92.0 73.7 110.5
43 233.3 190.6 285.8
56 55.4 44.8 67.2





#27
Carbon Disulfide
Concen: 8.941 ppbv
RT: 2.156 min Scan# 611
Delta R.T. -0.003 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

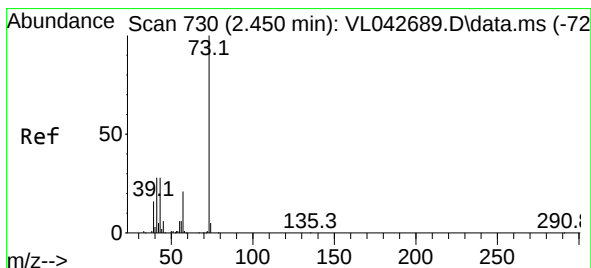
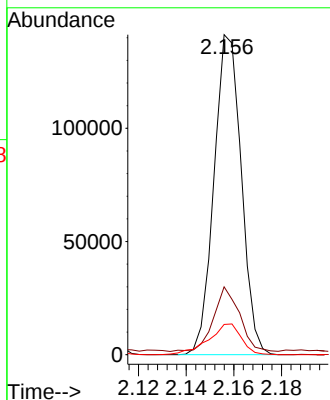
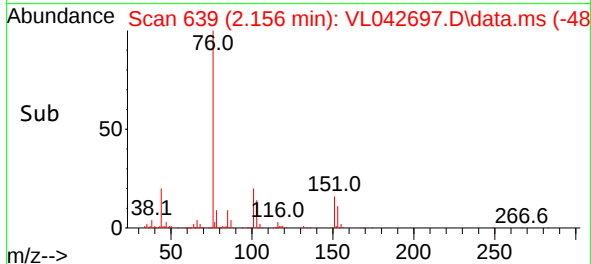
Instrument : MSVOA_L
ClientSampleId : ICVVL070225



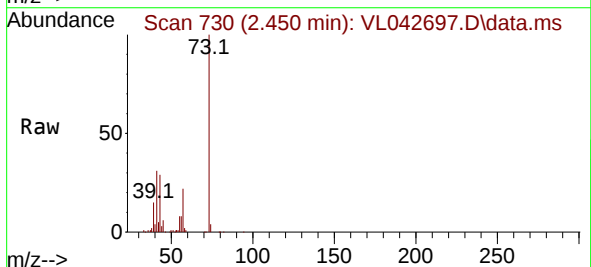
Tgt Ion: 76 Resp: 11253
Ion Ratio Lower Upper
76 100
44 19.8 15.6 23.4
78 11.5 9.2 13.8

Manual Integrations
APPROVED

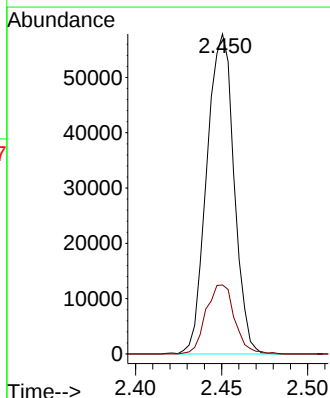
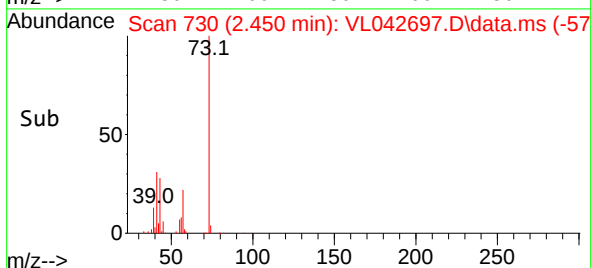
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

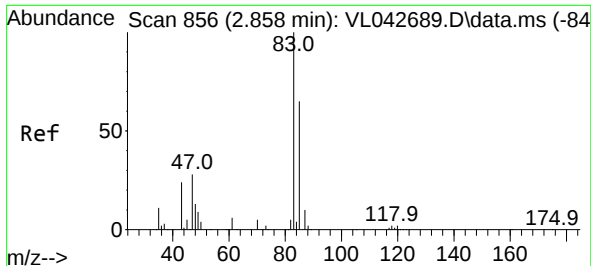


#28
Methyl tert-Butyl Ether
Concen: 10.073 ppbv
RT: 2.450 min Scan# 730
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08



Tgt Ion: 73 Resp: 63610
Ion Ratio Lower Upper
73 100
57 22.7 19.3 28.9





#29

Chloroform

Concen: 9.003 ppbv

RT: 2.858 min Scan# 856

Delta R.T. 0.000 min

Lab File: VL042697.D

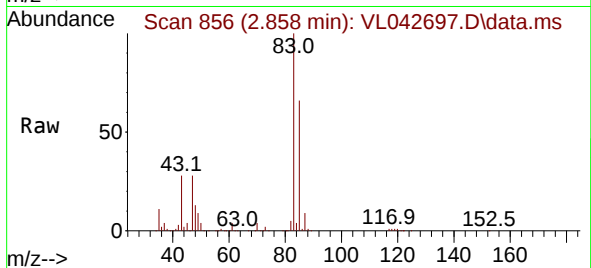
Acq: 02 Jul 2025 13:08

Instrument :

MSVOA_L

ClientSampleId :

ICVVL070225



Tgt Ion: 83 Resp: 209878

Ion Ratio Lower Upper

83 100

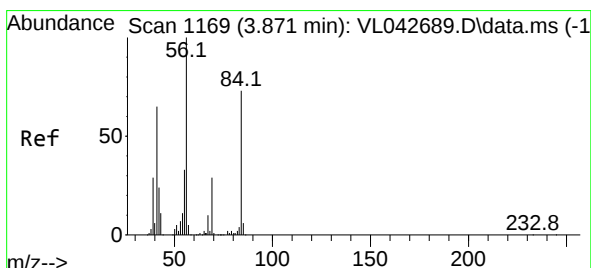
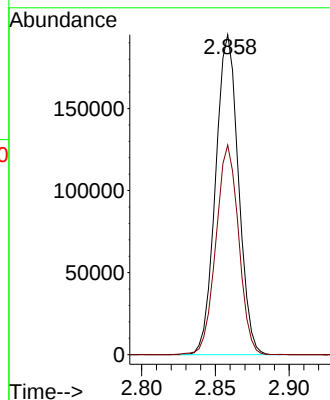
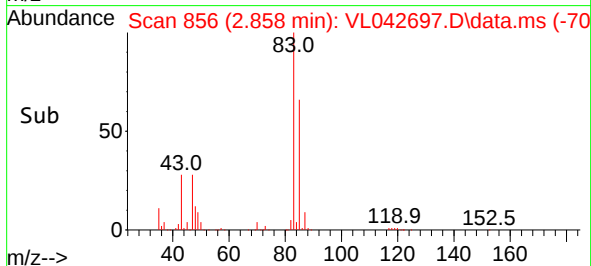
85 65.4 52.4 78.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#30

Cyclohexane

Concen: 10.263 ppbv

RT: 3.871 min Scan# 1169

Delta R.T. 0.000 min

Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

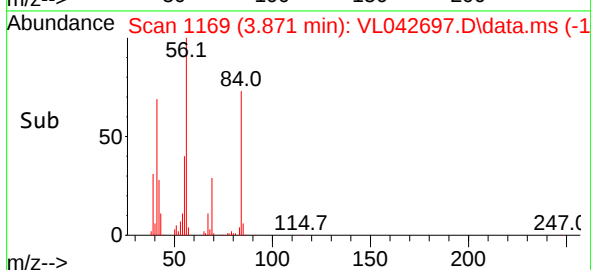
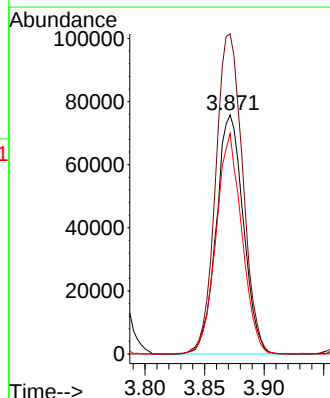
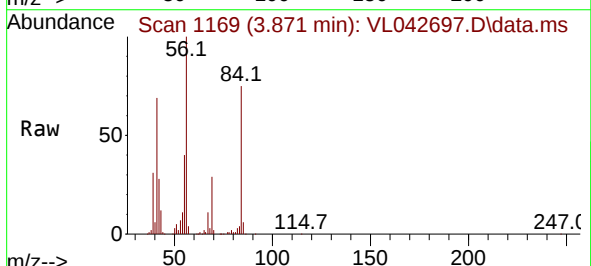
Tgt Ion: 84 Resp: 119433

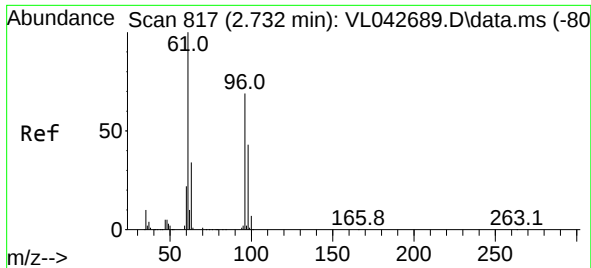
Ion Ratio Lower Upper

84 100

56 134.1 110.4 165.6

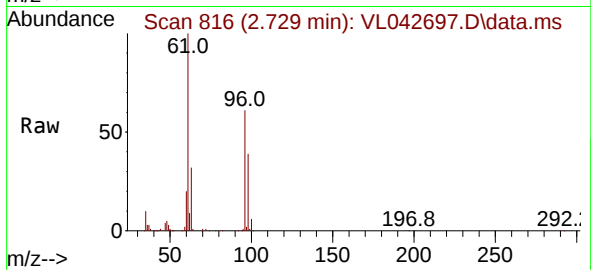
41 88.2 71.4 107.0





#31
 cis-1,2-Dichloroethene
 Concen: 9.570 ppbv
 RT: 2.729 min Scan# 817
 Delta R.T. -0.003 min
 Lab File: VL042697.D
 Acq: 02 Jul 2025 13:08

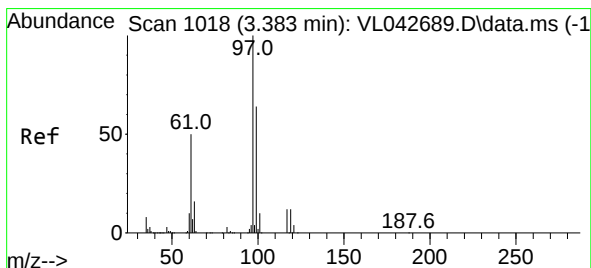
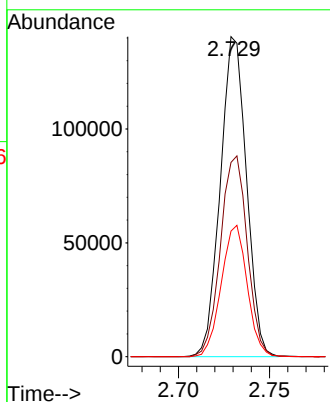
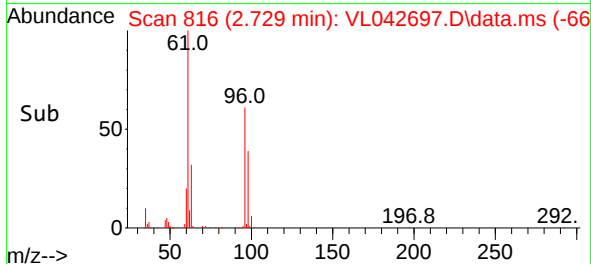
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL070225



Tgt Ion: 61 Resp: 140579
 Ion Ratio Lower Upper
 61 100
 96 60.7 54.8 82.2
 98 39.3 34.7 52.1

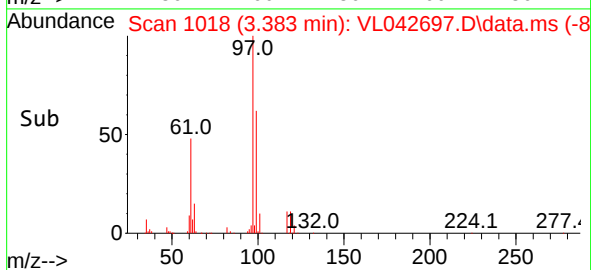
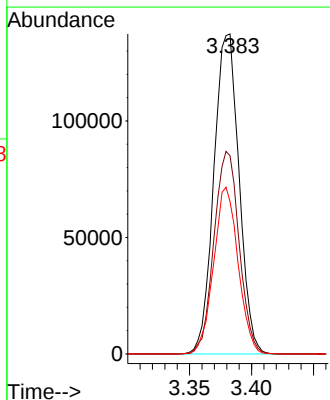
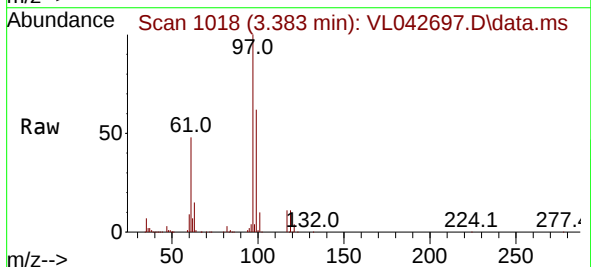
Manual Integrations
 APPROVED

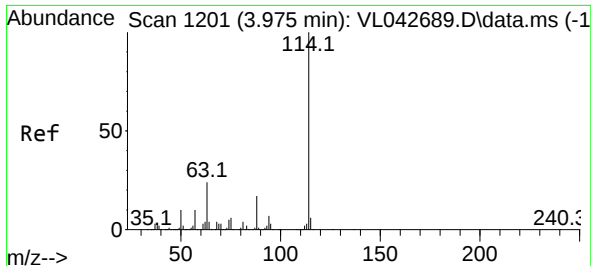
Reviewed By :Semsettin Yesilyurt 07/03/2025
 Supervised By :Mahesh Dadoda 07/03/2025



#32
 1,1,1-Trichloroethane
 Concen: 8.699 ppbv
 RT: 3.383 min Scan# 1018
 Delta R.T. 0.000 min
 Lab File: VL042697.D
 Acq: 02 Jul 2025 13:08

Tgt Ion: 97 Resp: 194566
 Ion Ratio Lower Upper
 97 100
 99 63.3 51.4 77.0
 61 50.7 41.1 61.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.972 min Scan# 114

Delta R.T. -0.003 min

Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

Instrument :

MSVOA_L

ClientSampleId :

ICVVL070225

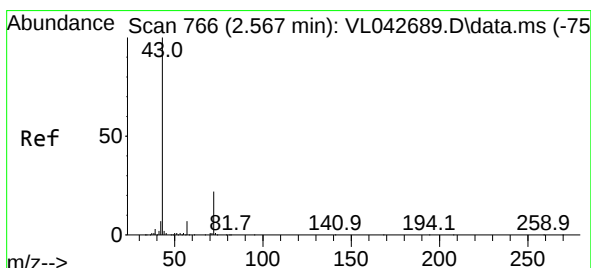
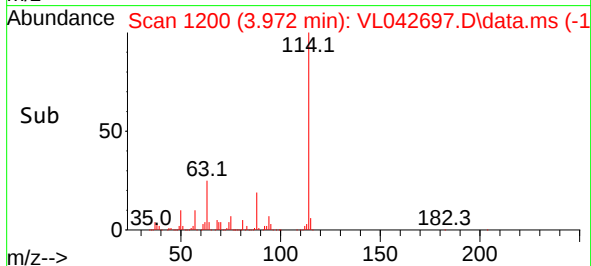
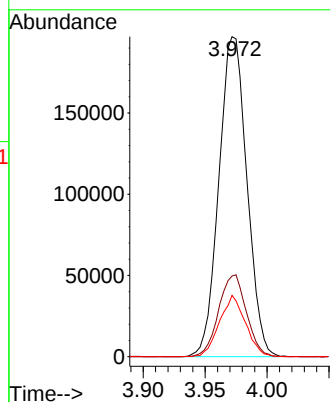
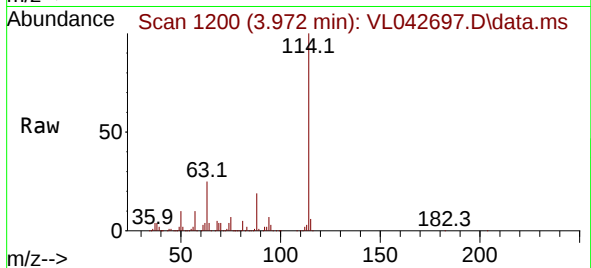
Tgt Ion:114 Resp: 310329

Ion	Ratio	Lower	Upper
114	100		
63	25.4	20.4	30.6
88	17.8	14.2	21.2

Manual Integrations

APPROVED

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



#34

2-Butanone

Concen: 9.408 ppbv

RT: 2.564 min Scan# 765

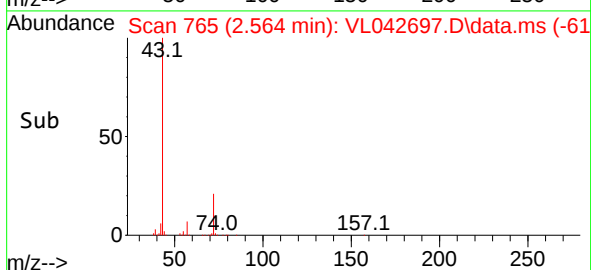
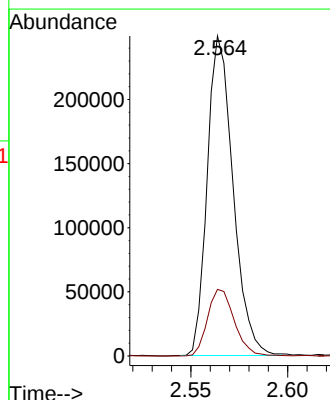
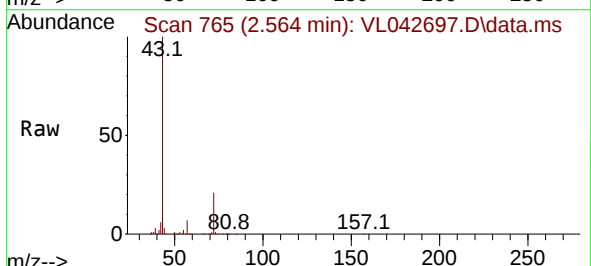
Delta R.T. -0.003 min

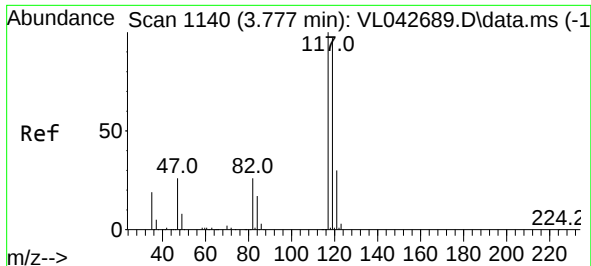
Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

Tgt Ion: 43 Resp: 231069

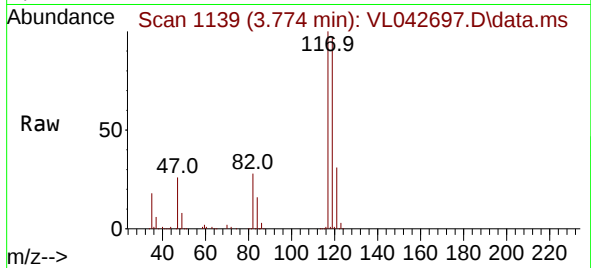
Ion	Ratio	Lower	Upper
43	100		
72	21.7	17.1	25.7





#35
Carbon Tetrachloride
Concen: 8.859 ppbv
RT: 3.774 min Scan# 1139
Delta R.T. -0.003 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

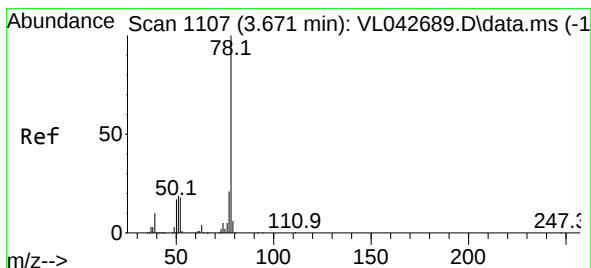
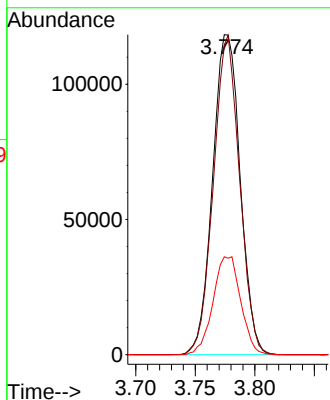
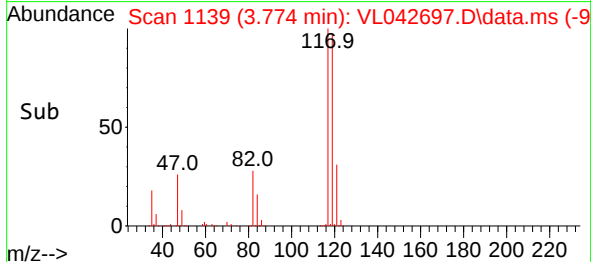
Instrument : MSVOA_L
ClientSampleId : ICVVL070225



Tgt Ion: 117 Resp: 190220
Ion Ratio Lower Upper
117 100
119 96.8 77.6 116.4
121 30.6 24.0 36.0

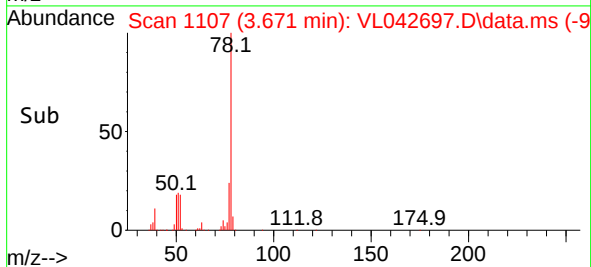
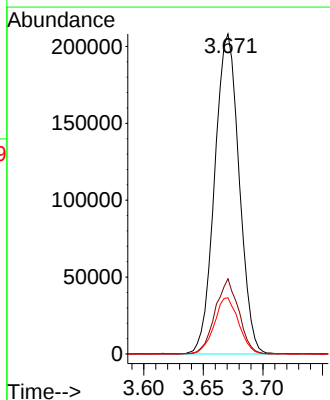
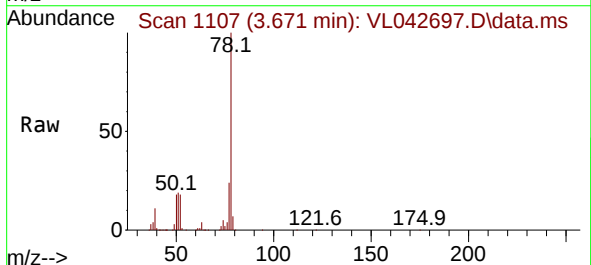
Manual Integrations
APPROVED

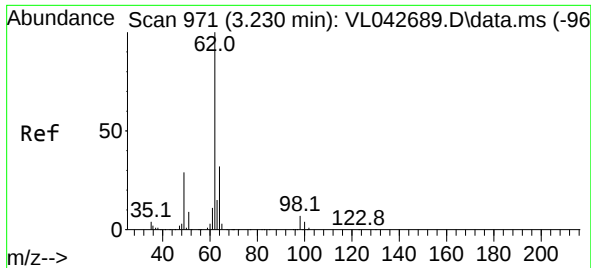
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#36
Benzene
Concen: 9.503 ppbv
RT: 3.671 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

Tgt Ion: 78 Resp: 297230
Ion Ratio Lower Upper
78 100
77 23.5 17.0 25.4
50 17.5 13.7 20.5





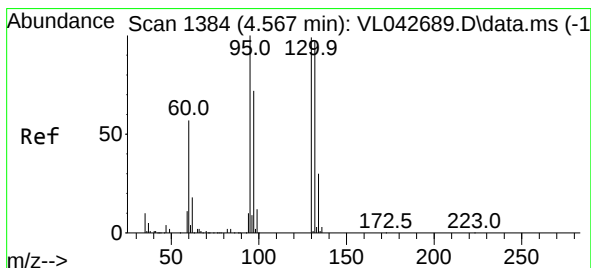
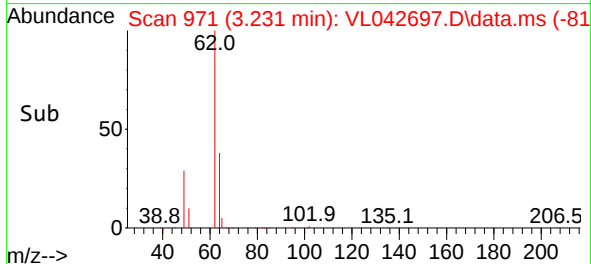
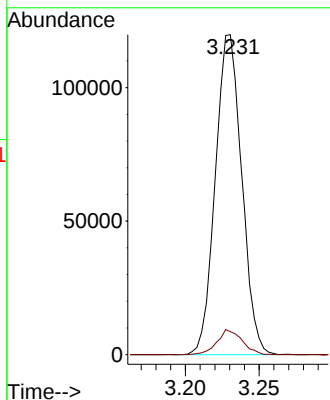
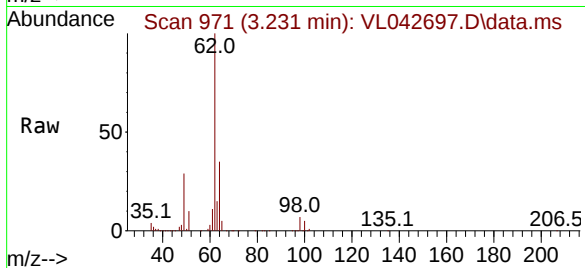
#37
1,2-Dichloroethane
Concen: 8.988 ppbv
RT: 3.231 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

Instrument :
MSVOA_L
ClientSampleId :
ICVVL070225

Tgt Ion: 62 Resp: 14930
Ion Ratio Lower Upper
62 100
98 7.4 5.8 8.8

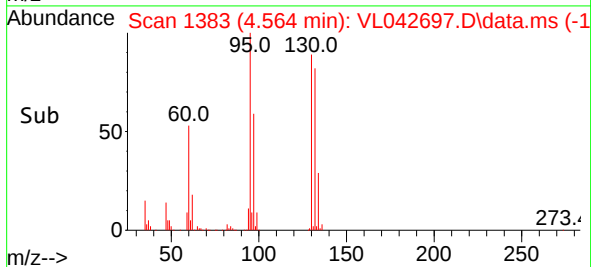
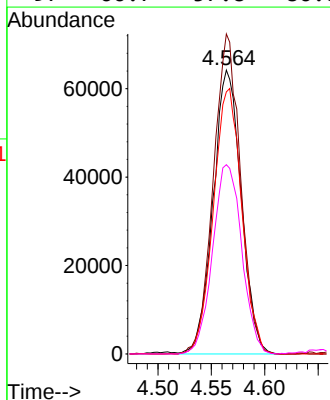
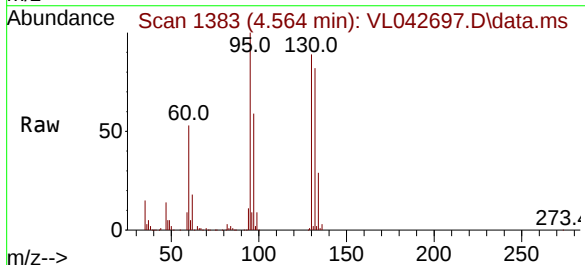
Manual Integrations
APPROVED

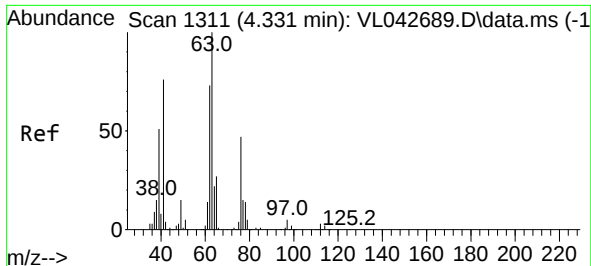
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#38
Trichloroethene
Concen: 8.684 ppbv
RT: 4.564 min Scan# 1383
Delta R.T. -0.003 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

Tgt Ion:130 Resp: 117341
Ion Ratio Lower Upper
130 100
95 112.7 81.1 121.7
132 92.3 77.9 116.9
97 66.7 57.8 86.8





#39

1,2-Dichloropropane

Concen: 9.179 ppbv

RT: 4.328 min Scan# 111969

Delta R.T. -0.003 min

Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

Instrument :

MSVOA_L

ClientSampleId :

ICVVL070225

Tgt Ion: 63 Resp: 111969

Ion Ratio Lower Upper

63 100

41 73.1 60.8 91.2

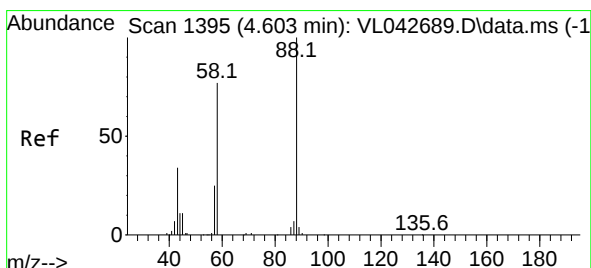
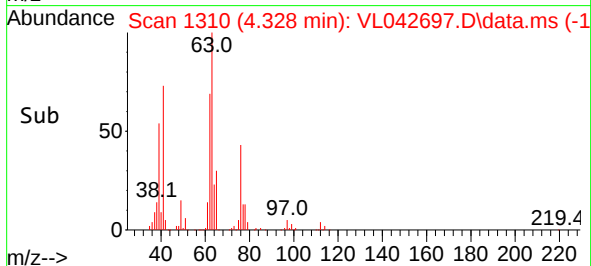
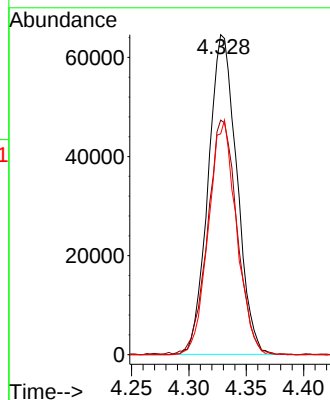
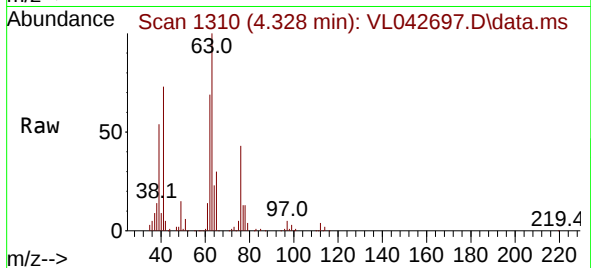
62 69.0 58.6 87.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#40

1,4-Dioxane

Concen: 10.383 ppbv

RT: 4.600 min Scan# 1394

Delta R.T. -0.003 min

Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

Tgt Ion: 88 Resp: 49078

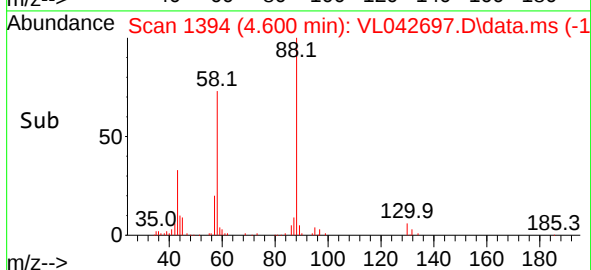
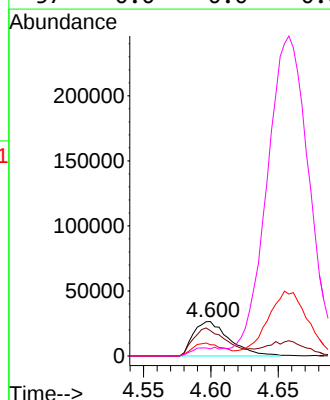
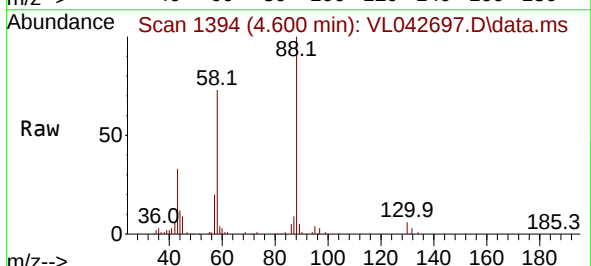
Ion Ratio Lower Upper

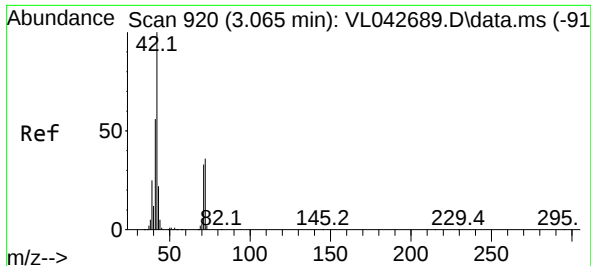
88 100

58 78.5 62.1 93.1

43 35.0 26.2 39.2

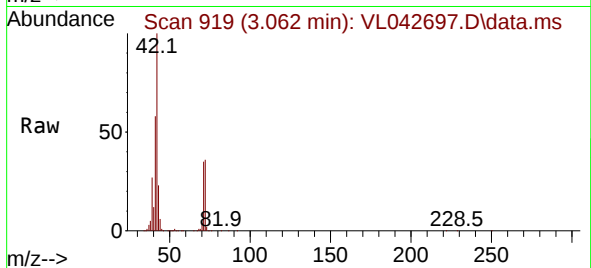
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 10.258 ppbv
RT: 3.062 min Scan# 919
Delta R.T. -0.003 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

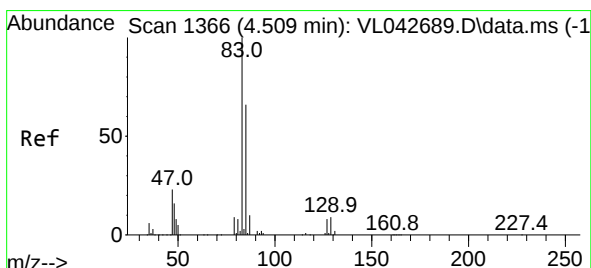
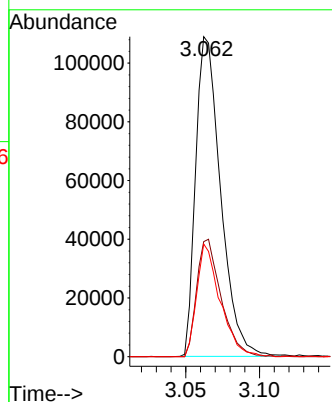
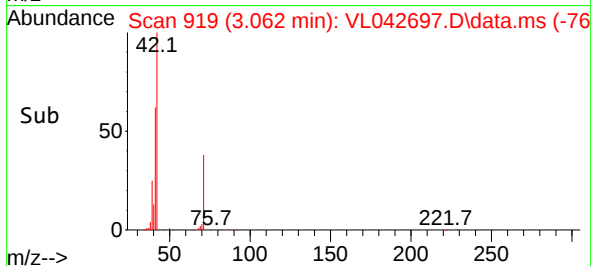
Instrument :
MSVOA_L
ClientSampleId :
ICVVL070225



Tgt Ion: 42 Resp: 128395
Ion Ratio Lower Upper
42 100
72 36.1 28.2 42.4
71 33.1 25.4 38.0

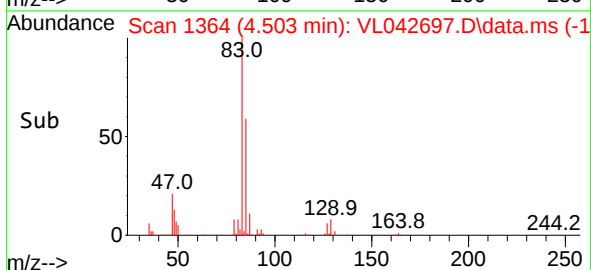
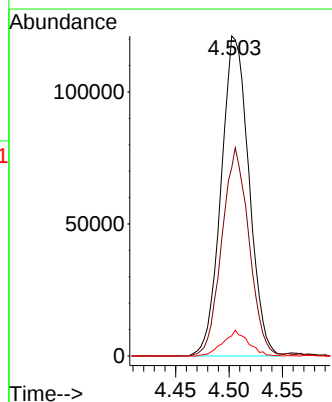
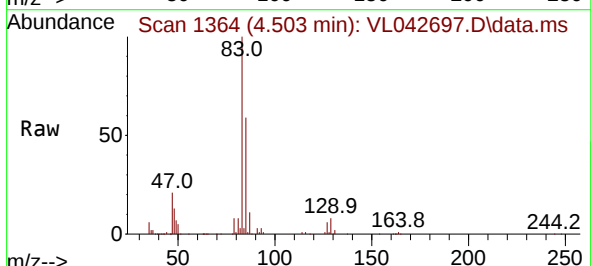
Manual Integrations
APPROVED

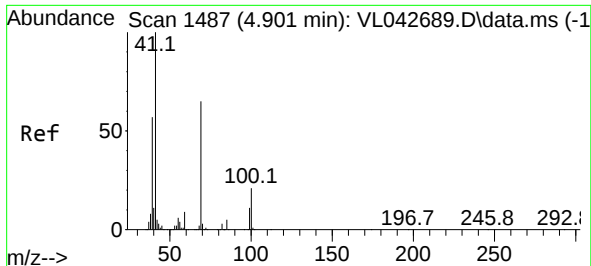
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#42
Bromodichloromethane
Concen: 9.321 ppbv
RT: 4.503 min Scan# 1364
Delta R.T. -0.006 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

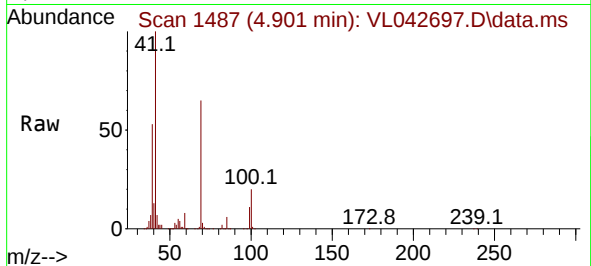
Tgt Ion: 83 Resp: 219302
Ion Ratio Lower Upper
83 100
85 58.8 52.5 78.7
127 6.3 6.1 9.1





#43
Methyl Methacrylate
Concen: 10.769 ppbv
RT: 4.901 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

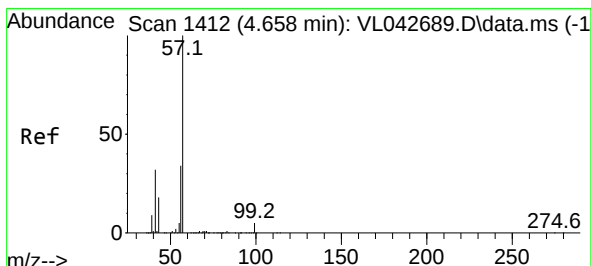
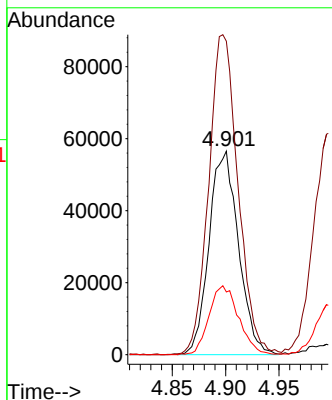
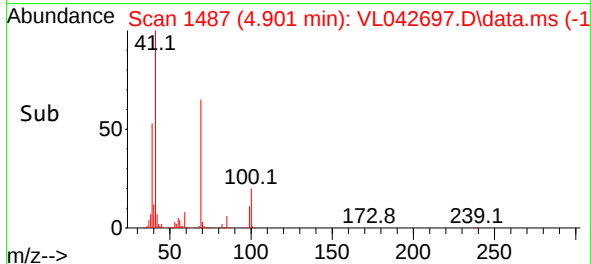
Instrument :
MSVOA_L
ClientSampleId :
ICVVL070225



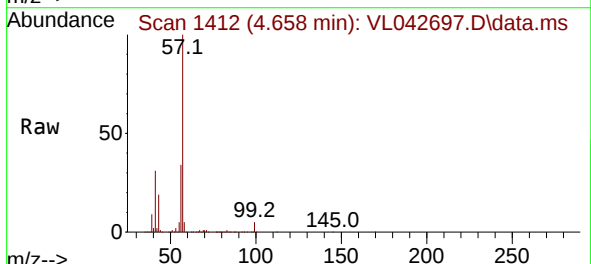
Tgt Ion: 69 Resp: 108319
Ion Ratio Lower Upper
69 100
41 156.7 125.4 188.2
100 34.2 26.4 39.6

Manual Integrations
APPROVED

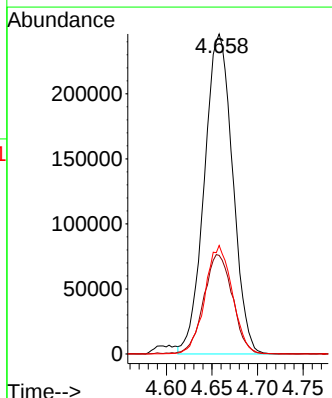
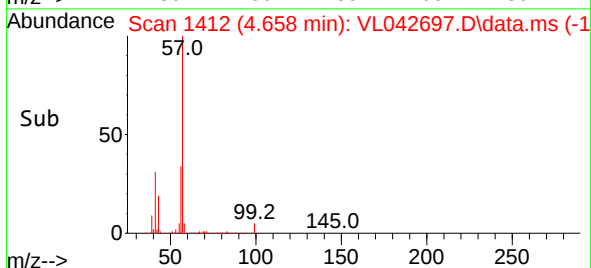
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

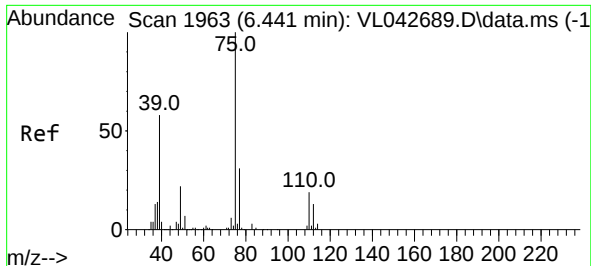


#44
2,2,4-Trimethylpentane
Concen: 10.122 ppbv
RT: 4.658 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08



Tgt Ion: 57 Resp: 531839
Ion Ratio Lower Upper
57 100
41 31.8 25.2 37.8
56 32.9 26.3 39.5





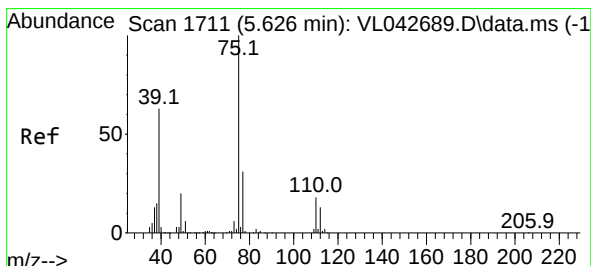
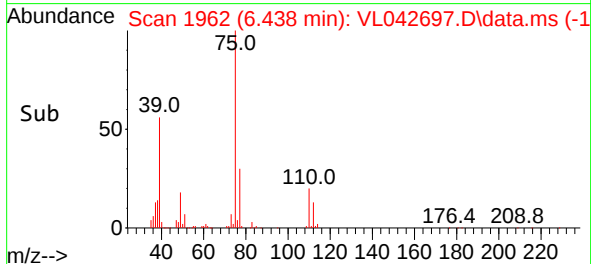
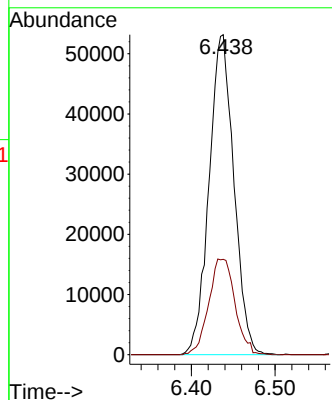
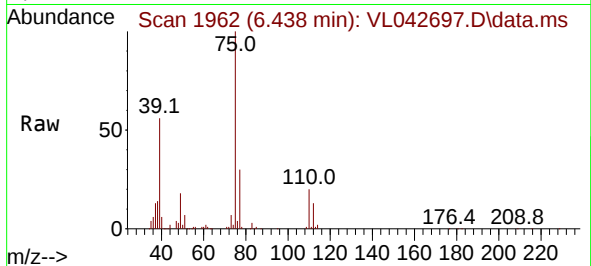
#45
t-1,3-Dichloropropene
Concen: 10.353 ppbv
RT: 6.438 min Scan# 1709
Delta R.T. -0.003 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

Instrument : MSVOA_L
ClientSampleId : ICVVL070225

Tgt Ion: 75 Resp: 109312
Ion Ratio Lower Upper
75 100
77 29.8 25.0 37.4

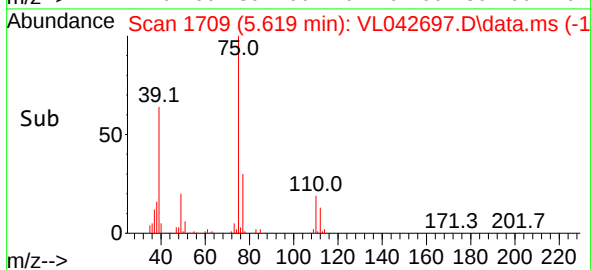
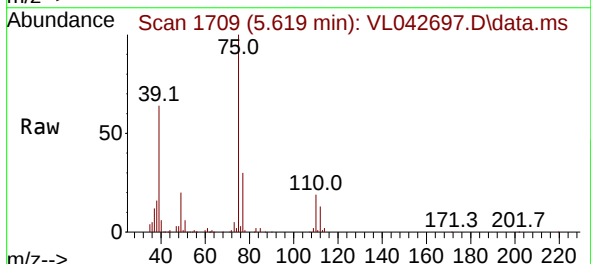
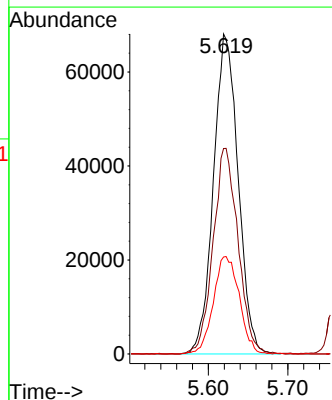
Manual Integrations
APPROVED

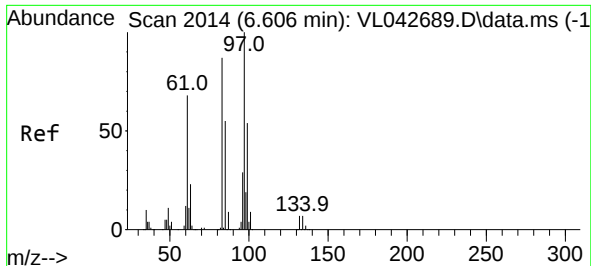
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#46
cis-1,3-Dichloropropene
Concen: 10.060 ppbv
RT: 5.619 min Scan# 1709
Delta R.T. -0.006 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

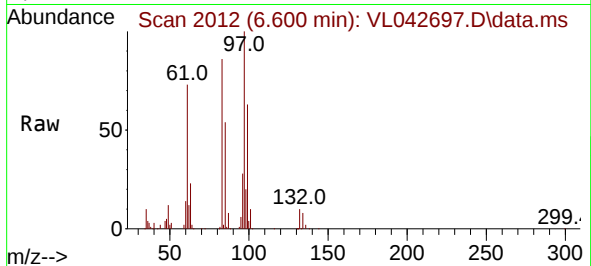
Tgt Ion: 75 Resp: 146557
Ion Ratio Lower Upper
75 100
39 64.2 50.6 75.8
77 30.3 24.8 37.2





#47
1,1,2-Trichloroethane
Concen: 9.574 ppbv
RT: 6.600 min Scan# 2014
Delta R.T. -0.006 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

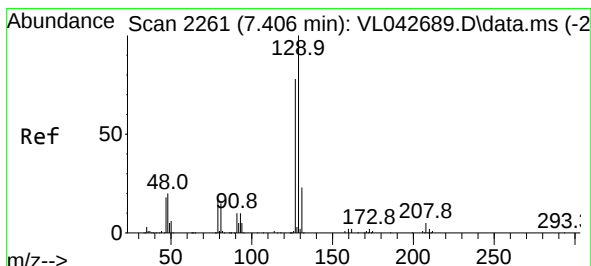
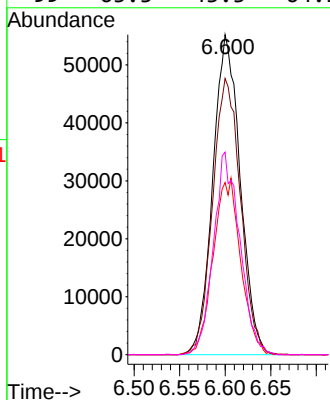
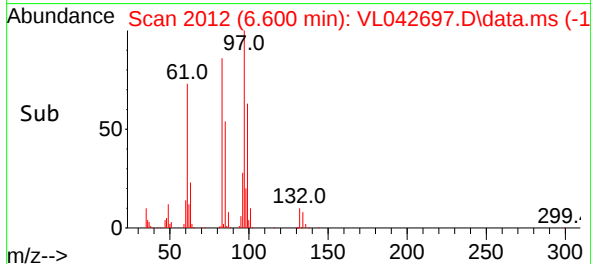
Instrument : MSVOA_L
ClientSampleId : ICVVL070225



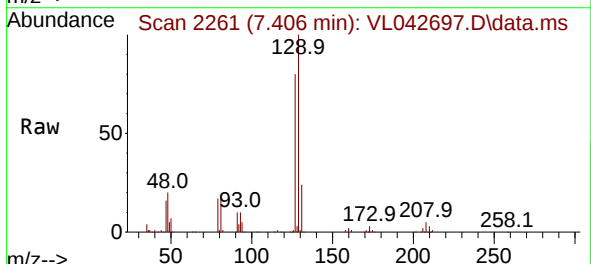
Tgt Ion: 97 Resp: 115019
Ion Ratio Lower Upper
97 100
83 86.3 69.3 103.9
85 53.8 43.7 65.5
99 63.3 43.3 64.9

Manual Integrations
APPROVED

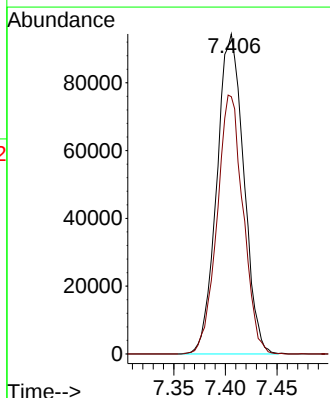
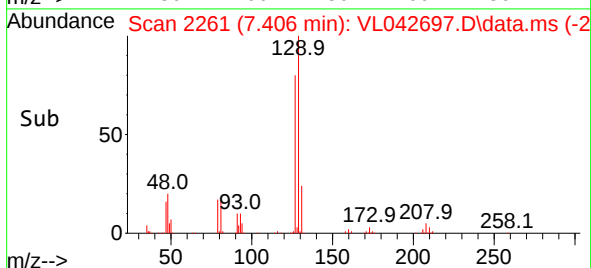
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

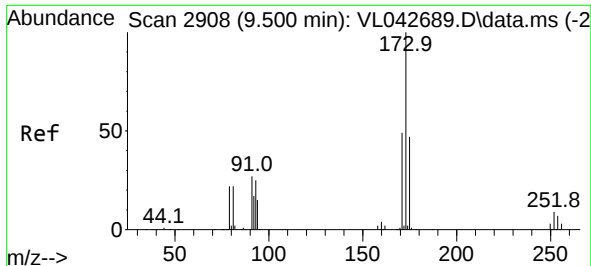


#48
Dibromochloromethane
Concen: 9.311 ppbv
RT: 7.406 min Scan# 2261
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08



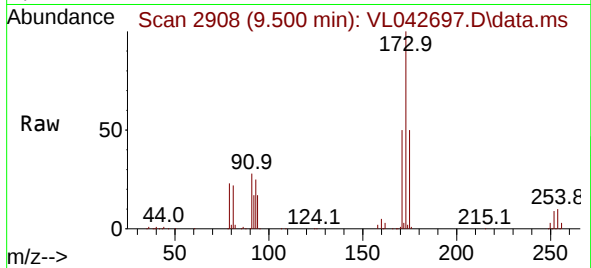
Tgt Ion:129 Resp: 171297
Ion Ratio Lower Upper
129 100
127 78.3 38.3 114.8





#49
Bromoform
Concen: 9.384 ppbv
RT: 9.500 min Scan# 2908
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

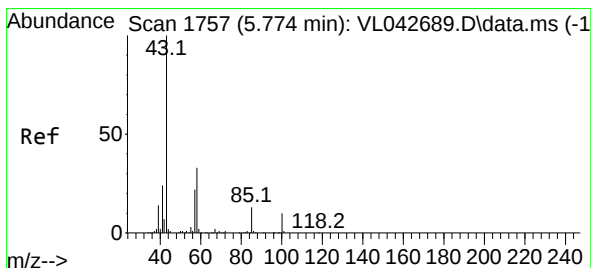
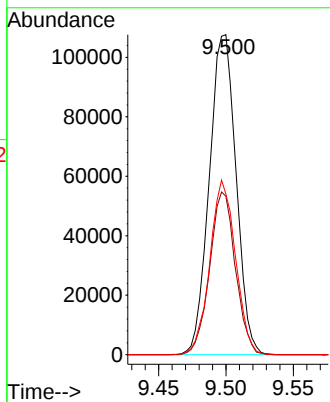
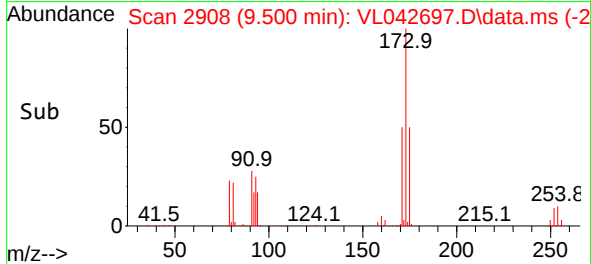
Instrument :
MSVOA_L
ClientSampleId :
ICVVL070225



Tgt Ion:173 Resp: 149108
Ion Ratio Lower Upper
173 100
175 48.8 38.6 57.8
171 52.2 40.3 60.5

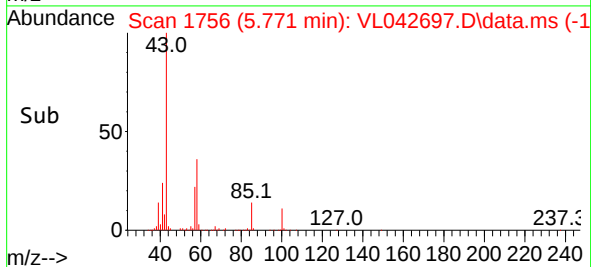
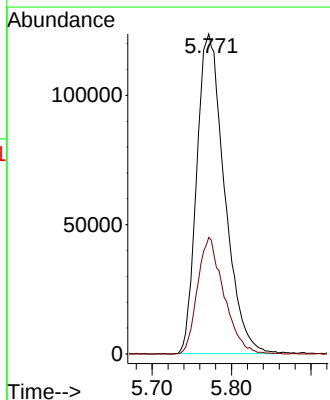
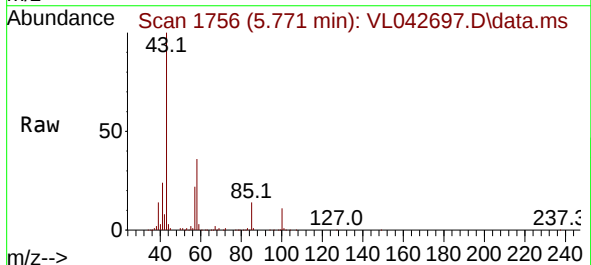
Manual Integrations
APPROVED

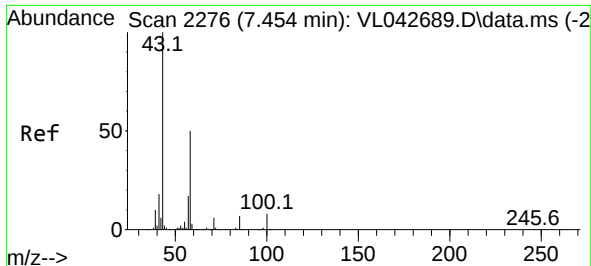
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#50
4-Methyl-2-Pentanone
Concen: 10.433 ppbv
RT: 5.771 min Scan# 1756
Delta R.T. -0.003 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

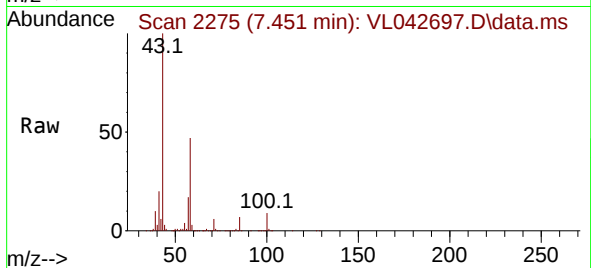
Tgt Ion: 43 Resp: 300056
Ion Ratio Lower Upper
43 100
58 34.8 27.5 41.3





#51
2-Hexanone
Concen: 11.319 ppbv
RT: 7.451 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

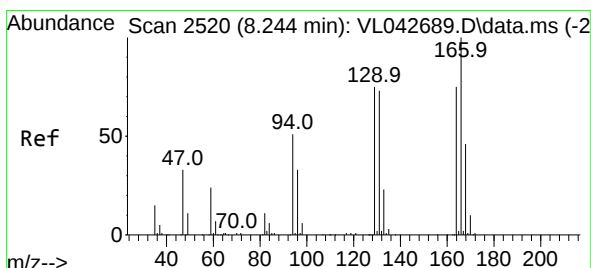
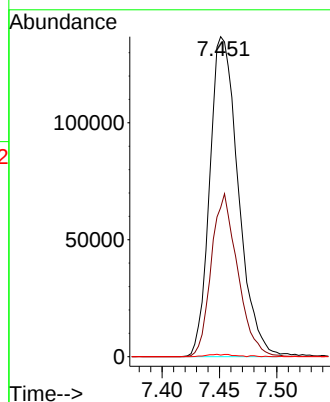
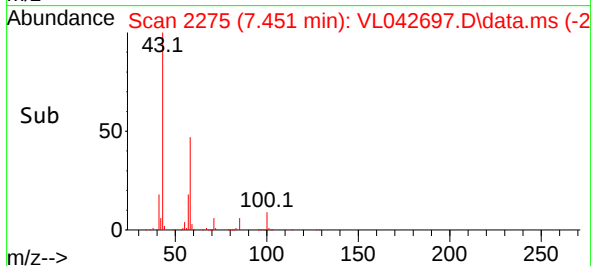
Instrument :
MSVOA_L
ClientSampleId :
ICVVL070225



Tgt Ion: 43 Resp: 23685
Ion Ratio Lower Upper
43 100
58 47.1 38.6 57.8
98 0.8 0.6 1.0

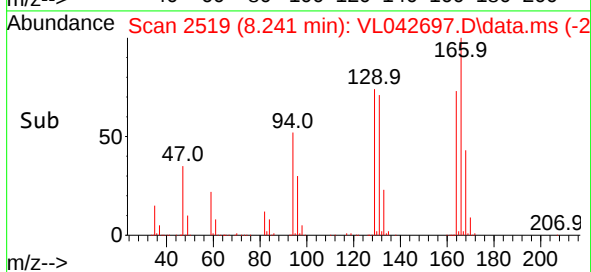
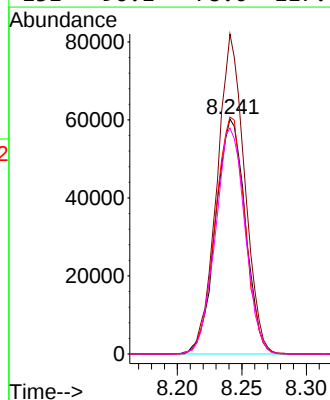
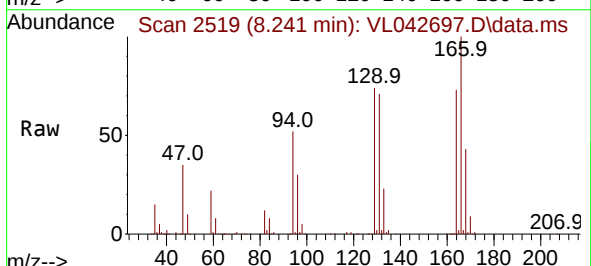
Manual Integrations
APPROVED

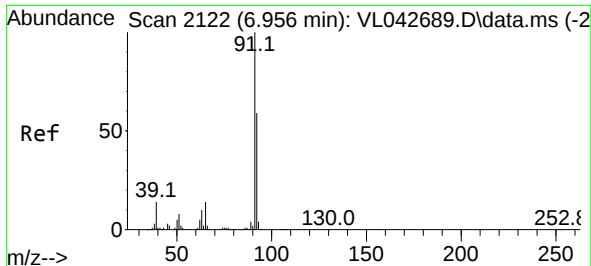
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#52
Tetrachloroethene
Concen: 9.229 ppbv
RT: 8.241 min Scan# 2519
Delta R.T. -0.003 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

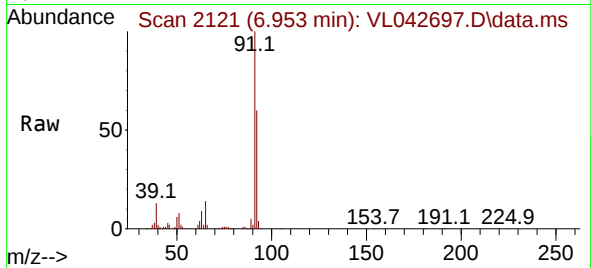
Tgt Ion:164 Resp: 96485
Ion Ratio Lower Upper
164 100
166 136.1 106.6 160.0
129 100.5 79.8 119.6
131 96.1 78.0 117.0





#53
Toluene
Concen: 10.940 ppbv
RT: 6.953 min Scan# 2122
Delta R.T. -0.003 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

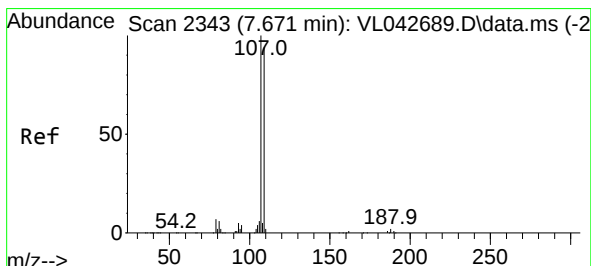
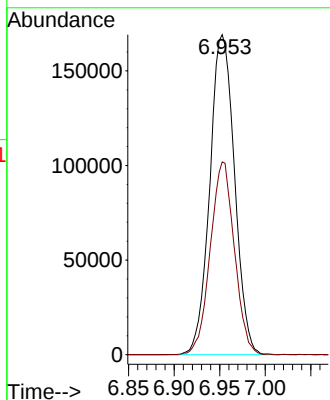
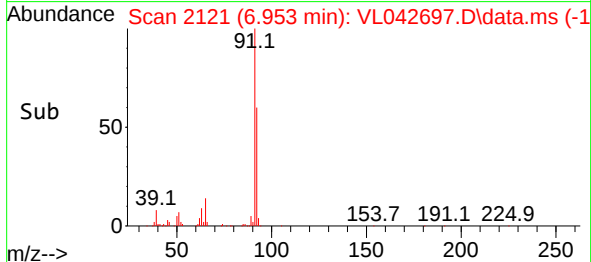
Instrument :
MSVOA_L
ClientSampleId :
ICVVL070225



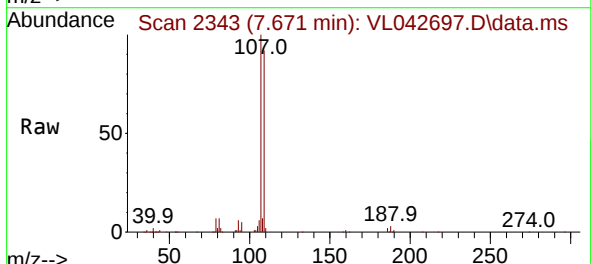
Tgt Ion: 91 Resp: 31949
Ion Ratio Lower Upper
91 100
92 58.7 47.4 71.2

Manual Integrations
APPROVED

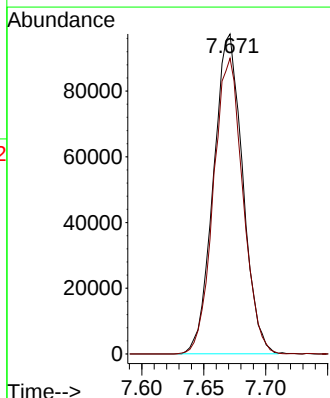
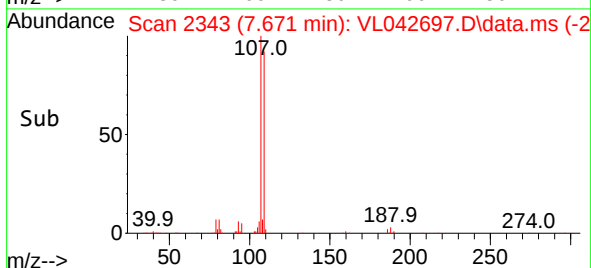
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

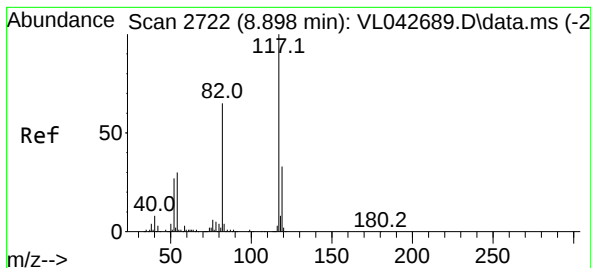


#54
1,2-Dibromoethane
Concen: 9.536 ppbv
RT: 7.671 min Scan# 2343
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08



Tgt Ion:107 Resp: 159700
Ion Ratio Lower Upper
107 100
109 92.4 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.898 min Scan# 2722

Delta R.T. 0.000 min

Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

Instrument :

MSVOA_L

ClientSampleId :

ICVVL070225

Tgt Ion:117 Resp: 27645

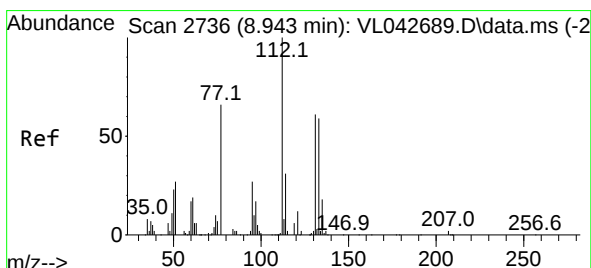
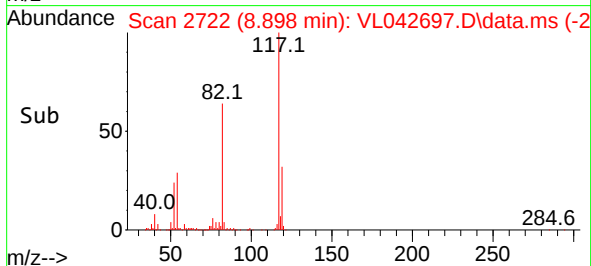
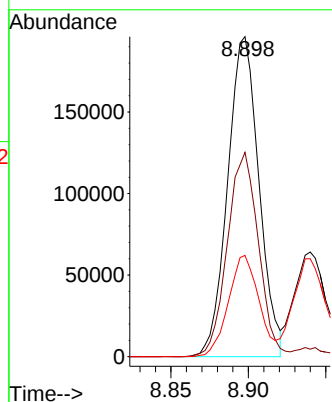
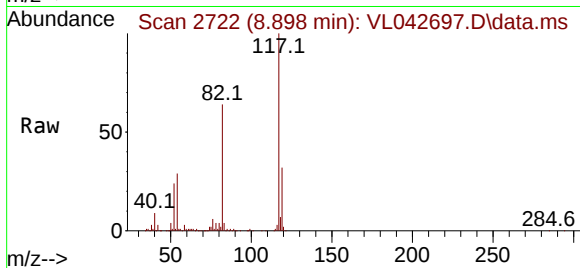
Ion	Ratio	Lower	Upper
117	100		
82	66.0	53.4	80.2
119	30.2	26.6	39.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#56

1,1,1,2-Tetrachloroethane

Concen: 8.859 ppbv

RT: 8.937 min Scan# 2734

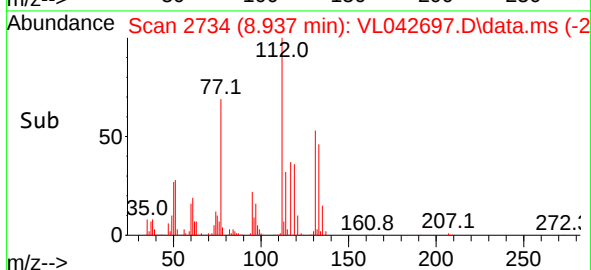
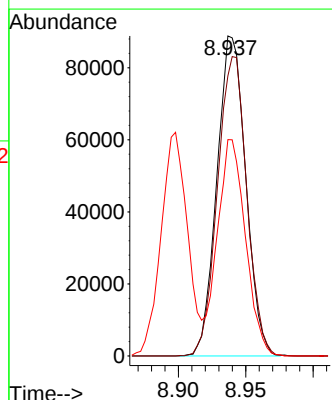
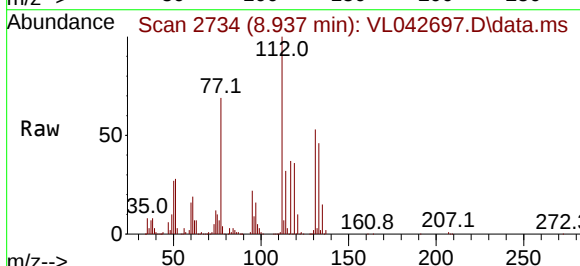
Delta R.T. -0.006 min

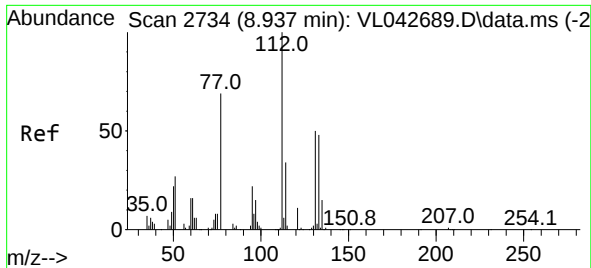
Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

Tgt Ion:131 Resp: 132435

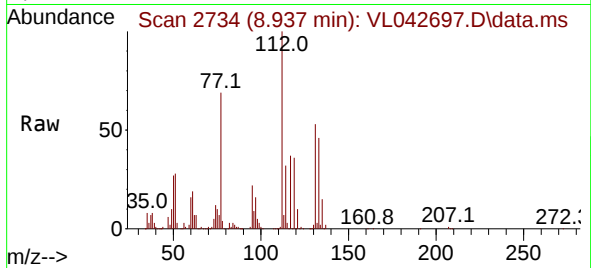
Ion	Ratio	Lower	Upper
131	100		
133	95.1	77.3	115.9
119	64.4	52.6	78.8





#57
Chlorobenzene
Concen: 8.935 ppbv
RT: 8.937 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

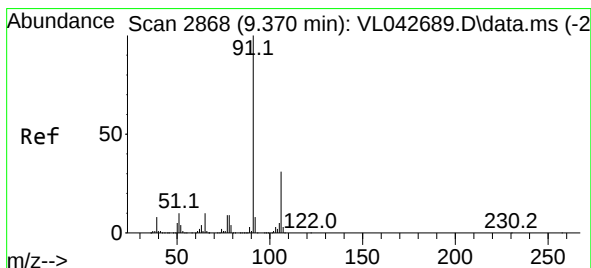
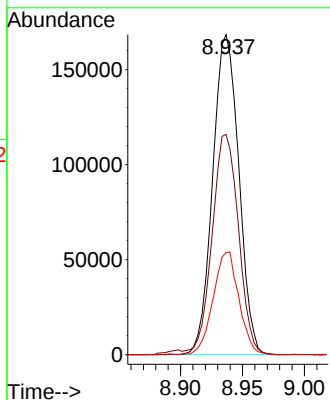
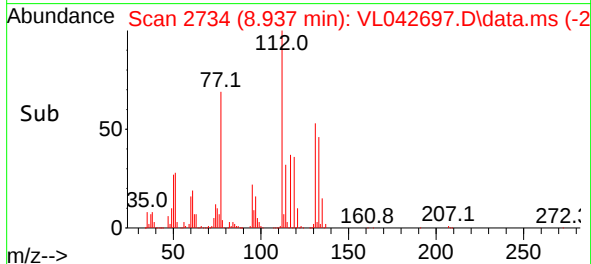
Instrument :
MSVOA_L
ClientSampleId :
ICVVL070225



Tgt Ion:112 Resp: 247805
Ion Ratio Lower Upper
112 100
77 68.9 56.2 84.4
114 31.9 30.2 37.0

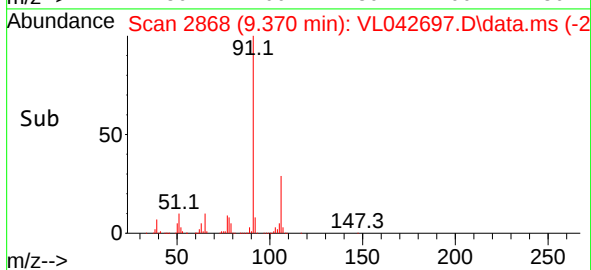
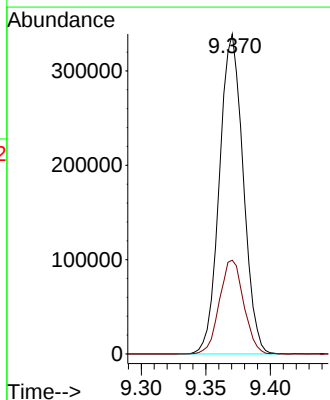
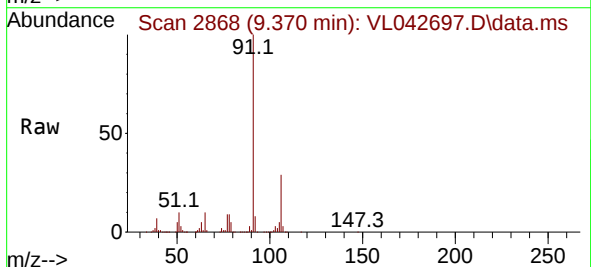
Manual Integrations
APPROVED

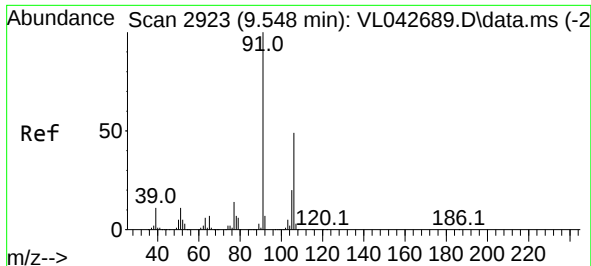
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#58
Ethyl Benzene
Concen: 10.833 ppbv
RT: 9.370 min Scan# 2868
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

Tgt Ion: 91 Resp: 433115
Ion Ratio Lower Upper
91 100
106 29.3 24.9 37.3





#59

m/p-Xylene

Concen: 21.251 ppbv m

RT: 9.565 min Scan# 2923

Delta R.T. 0.016 min

Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

Instrument :

MSVOA_L

ClientSampleId :

ICVVL070225

Tgt Ion: 91 Resp: 711640

Ion Ratio Lower Upper

91 100

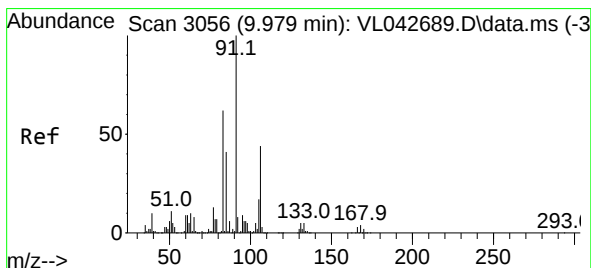
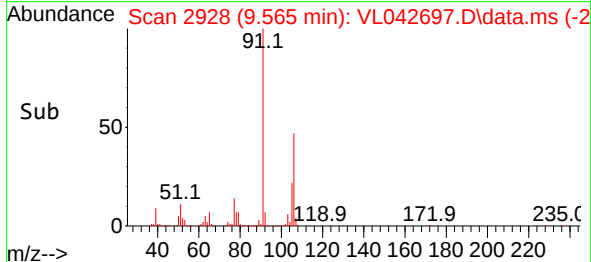
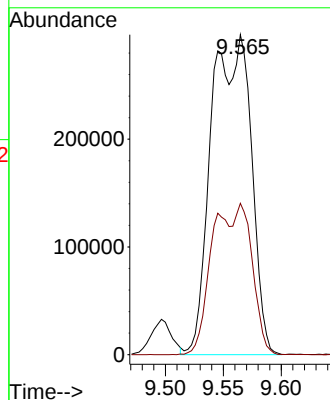
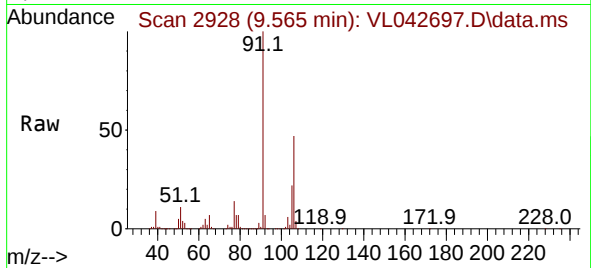
106 0.0 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#60

o-Xylene

Concen: 10.617 ppbv

RT: 9.979 min Scan# 3056

Delta R.T. 0.000 min

Lab File: VL042697.D

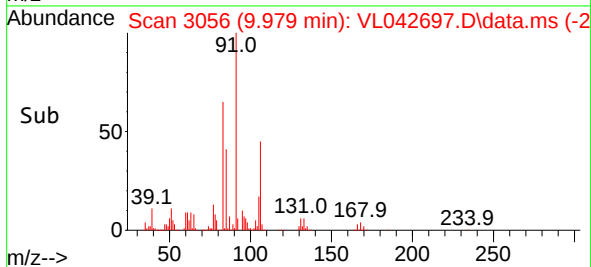
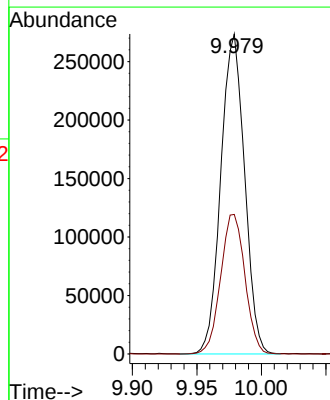
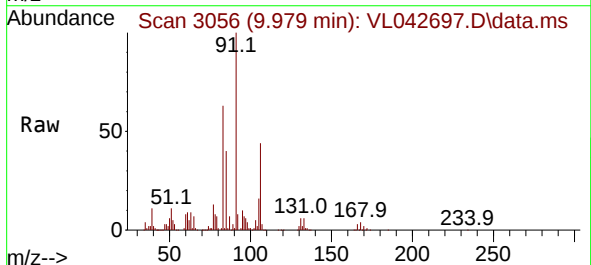
Acq: 02 Jul 2025 13:08

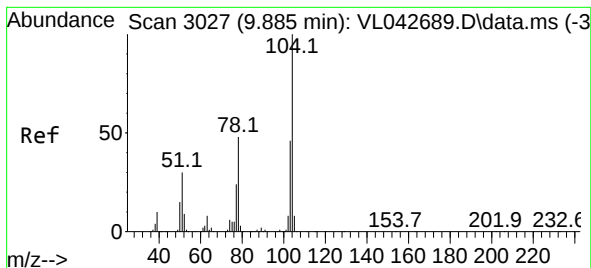
Tgt Ion: 91 Resp: 349746

Ion Ratio Lower Upper

91 100

106 44.6 22.8 68.4





#61

Styrene

Concen: 11.235 ppbv

RT: 9.885 min Scan# 3027

Delta R.T. 0.000 min

Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

Instrument :

MSVOA_L

ClientSampleId :

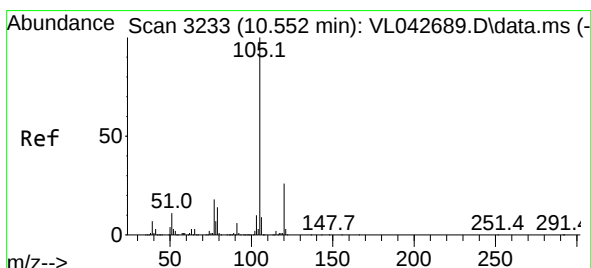
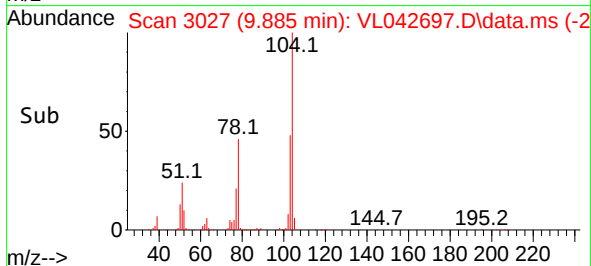
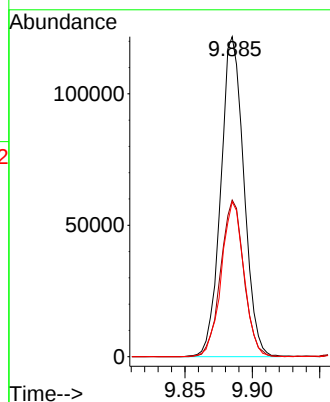
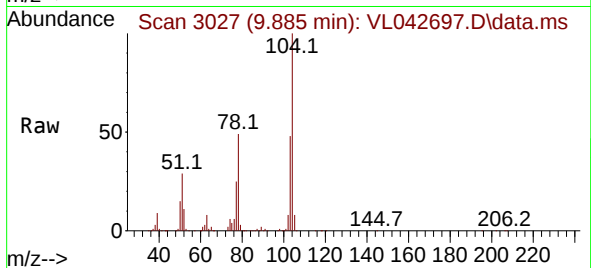
ICVVL070225

Tgt Ion:104	Resp: 14539
Ion Ratio	Lower Upper
104 100	
78 49.1	39.0 58.6
103 47.4	37.4 56.0

Manual Integrations

APPROVED

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



#62

Isopropylbenzene

Concen: 10.215 ppbv

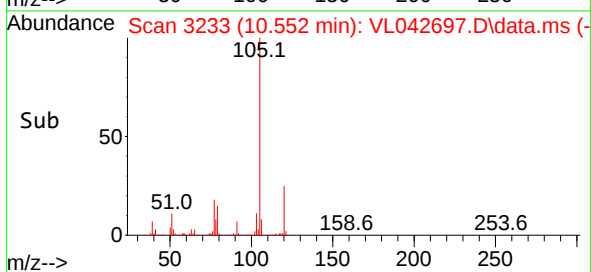
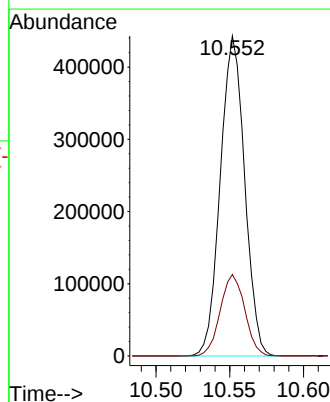
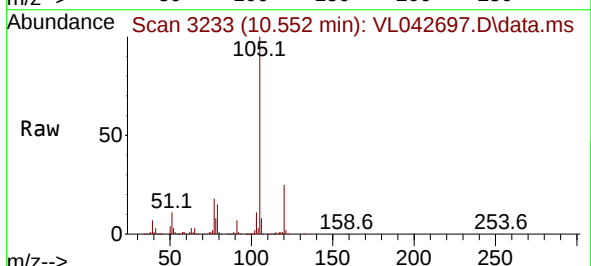
RT: 10.552 min Scan# 3233

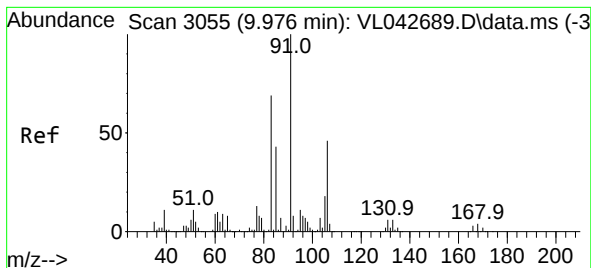
Delta R.T. 0.000 min

Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

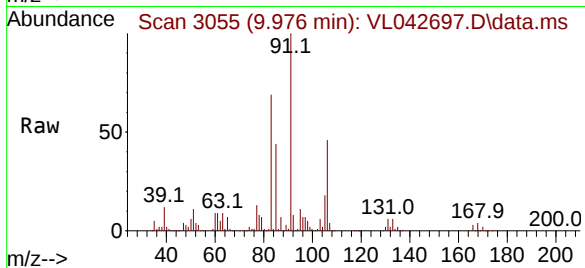
Tgt Ion:105	Resp: 507890
Ion Ratio	Lower Upper
105 100	
120 25.7	20.6 31.0





#63
1,1,2,2-Tetrachloroethane
Concen: 9.073 ppbv
RT: 9.976 min Scan# 3055
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

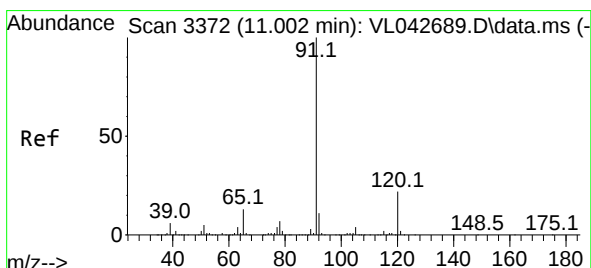
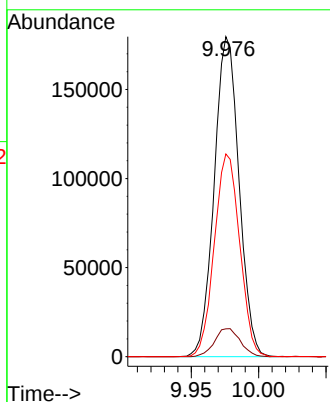
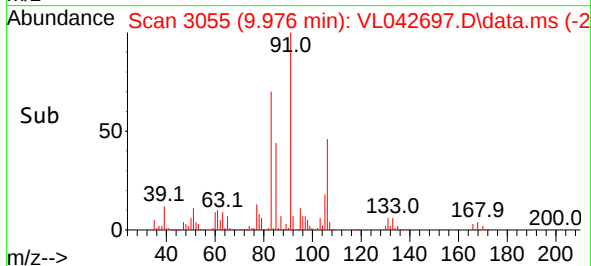
Instrument : MSVOA_L
ClientSampleId : ICVVL070225



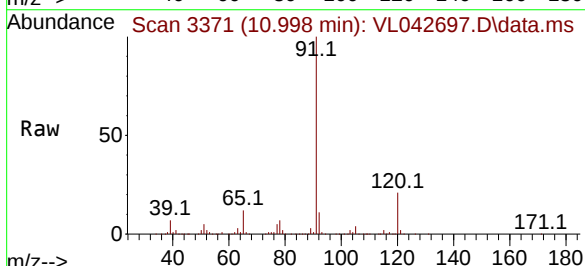
Tgt Ion: 83 Resp: 23017
Ion Ratio Lower Upper
83 100
131 9.1 4.5 13.4
85 64.7 31.5 94.5

Manual Integrations
APPROVED

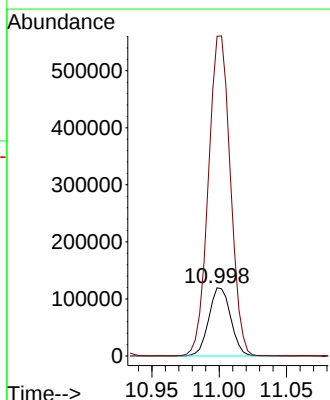
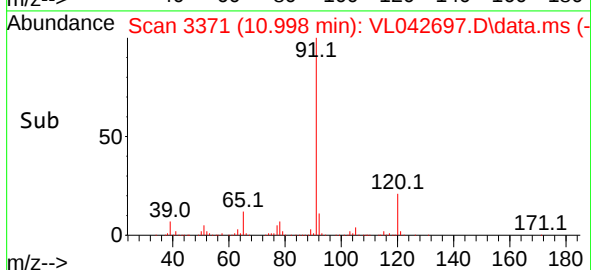
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

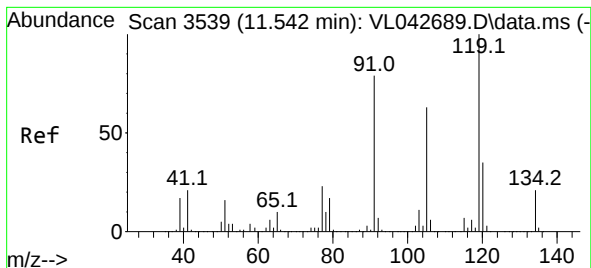


#64
n-propylbenzene
Concen: 10.599 ppbv
RT: 10.998 min Scan# 3371
Delta R.T. -0.003 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08



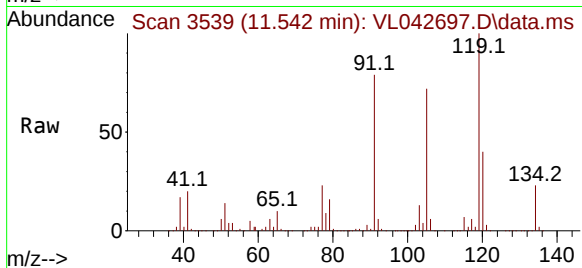
Tgt Ion:120 Resp: 134923
Ion Ratio Lower Upper
120 100
91 474.9 377.8 566.8





#65
tert-Butylbenzene
Concen: 10.308 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

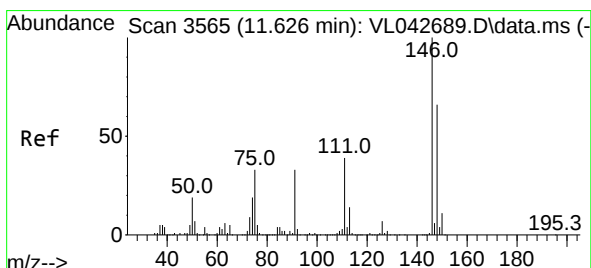
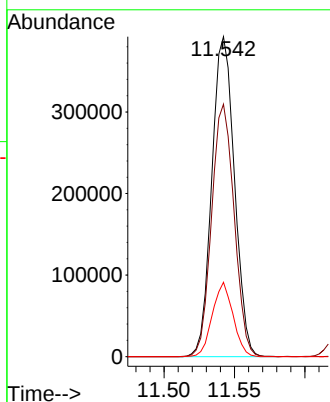
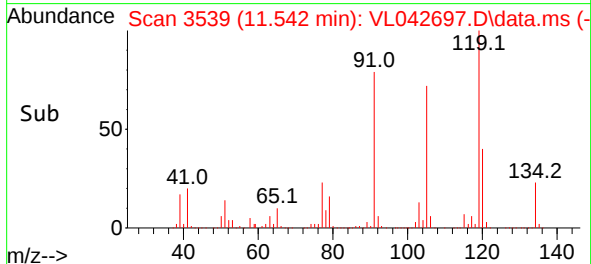
Instrument :
MSVOA_L
ClientSampleId :
ICVVL070225



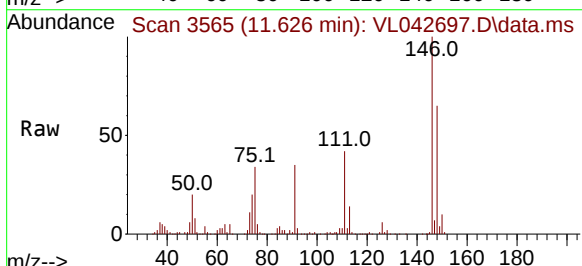
Tgt Ion:119 Resp: 438709
Ion Ratio Lower Upper
119 100
91 78.5 62.6 93.8
134 21.2 16.9 25.3

Manual Integrations
APPROVED

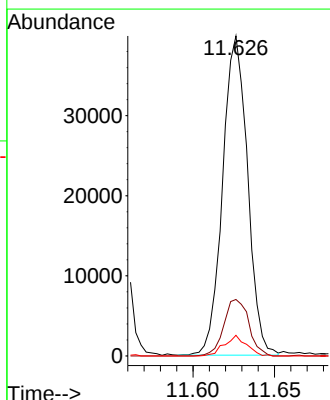
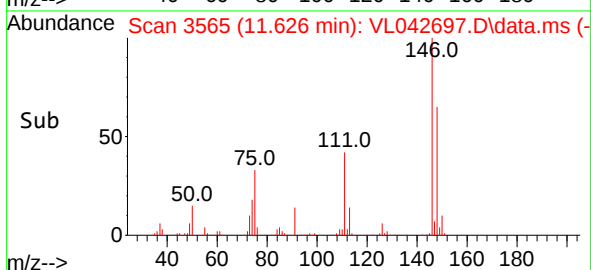
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

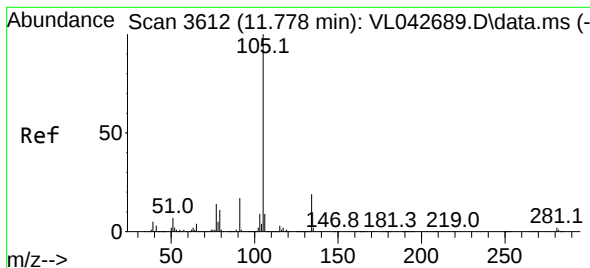


#66
Benzyl Chloride
Concen: 10.256 ppbv
RT: 11.626 min Scan# 3565
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08



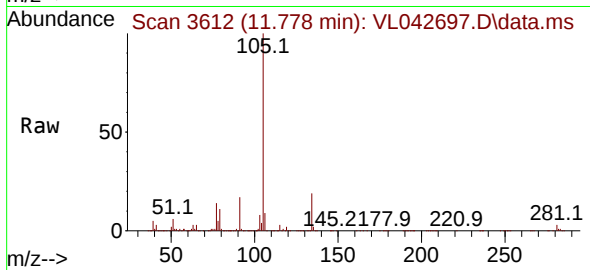
Tgt Ion: 91 Resp: 42290
Ion Ratio Lower Upper
91 100
126 17.9 14.8 22.2
128 5.7 4.7 7.1





#67
 sec-Butylbenzene
 Concen: 9.871 ppbv
 RT: 11.778 min Scan# 3612
 Delta R.T. 0.000 min
 Lab File: VL042697.D
 Acq: 02 Jul 2025 13:08

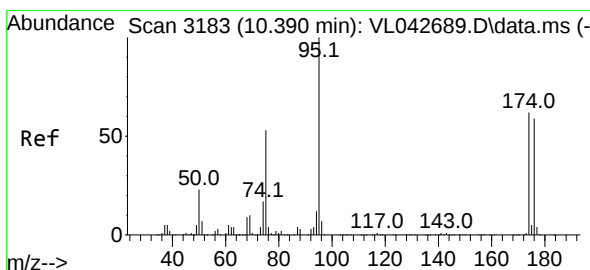
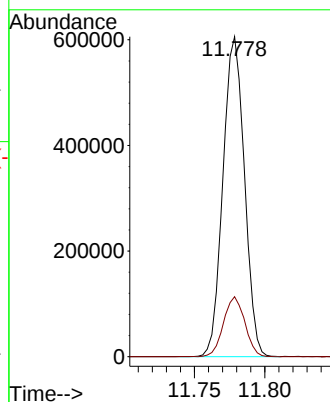
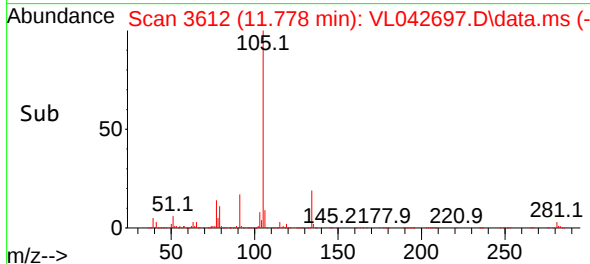
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL070225



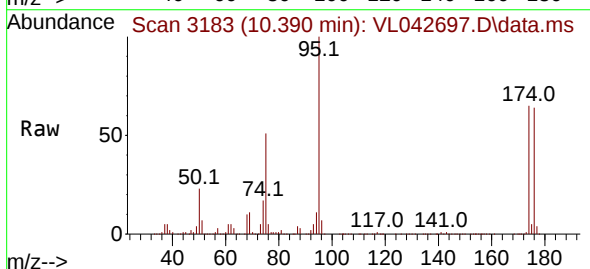
Tgt Ion:105 Resp: 643534
 Ion Ratio Lower Upper
 105 100
 134 18.7 15.0 22.6

Manual Integrations
 APPROVED

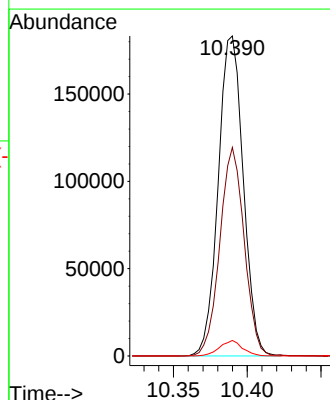
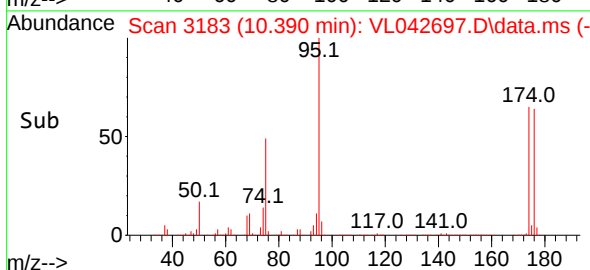
Reviewed By :Semsettin Yesilyurt 07/03/2025
 Supervised By :Mahesh Dadoda 07/03/2025

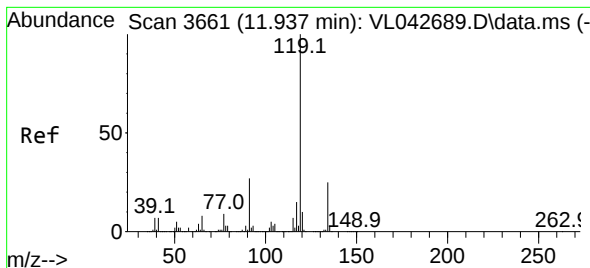


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.166 ppbv
 RT: 10.390 min Scan# 3183
 Delta R.T. 0.000 min
 Lab File: VL042697.D
 Acq: 02 Jul 2025 13:08



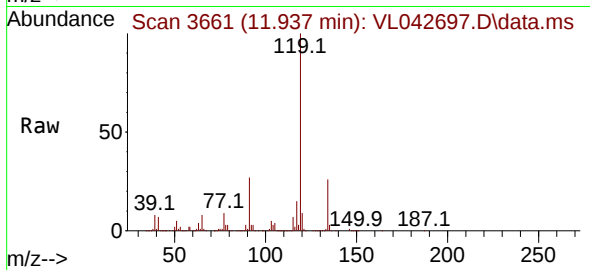
Tgt Ion: 95 Resp: 216163
 Ion Ratio Lower Upper
 95 100
 174 63.6 51.2 76.8
 175 4.5 3.8 5.8





#69
p-Isopropyltoluene
Concen: 10.137 ppbv
RT: 11.937 min Scan# 3661
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

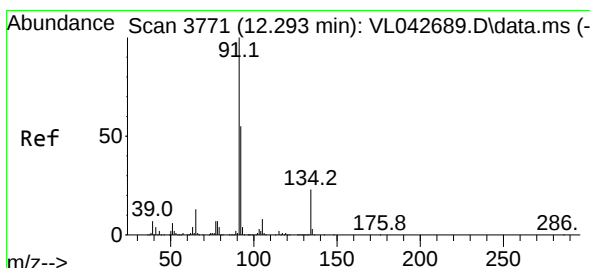
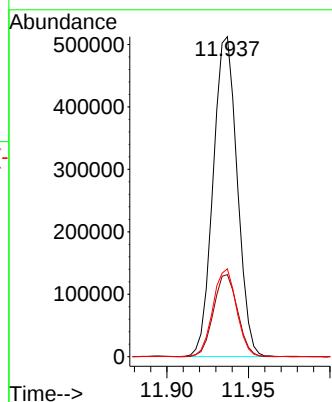
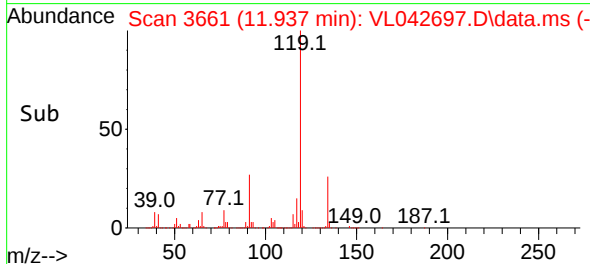
Instrument :
MSVOA_L
ClientSampleId :
ICVVL070225



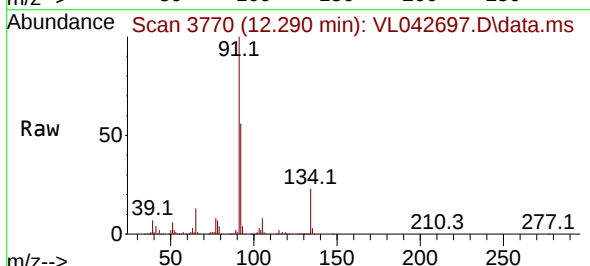
Tgt Ion:119 Resp: 525980
Ion Ratio Lower Upper
119 100
134 25.7 20.6 31.0
91 27.1 21.4 32.2

Manual Integrations
APPROVED

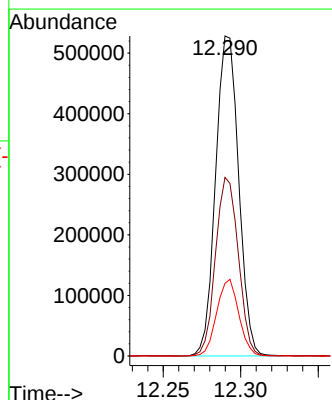
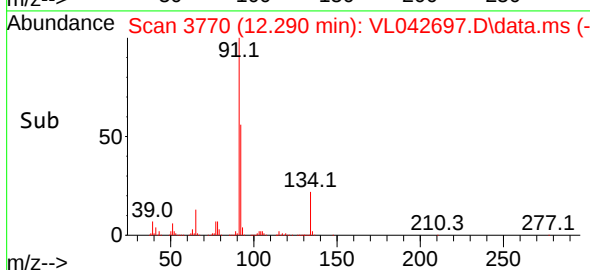
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

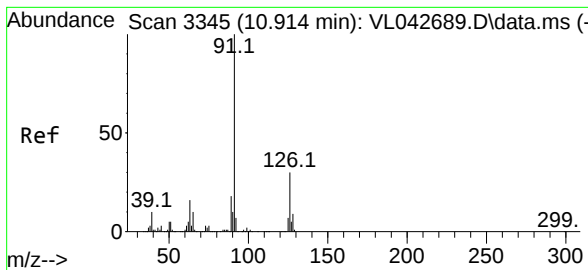


#70
n-Butylbenzene
Concen: 10.458 ppbv
RT: 12.290 min Scan# 3770
Delta R.T. -0.003 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08



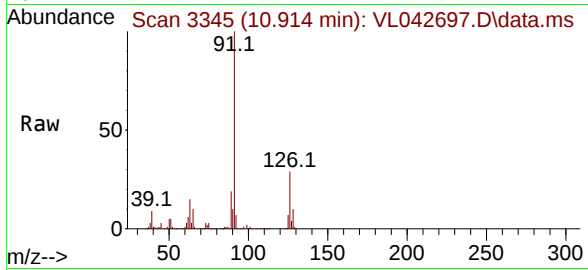
Tgt Ion: 91 Resp: 546708
Ion Ratio Lower Upper
91 100
92 55.2 44.2 66.2
134 23.0 18.6 27.8





#71
2-Chlorotoluene
Concen: 10.480 ppbv
RT: 10.914 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

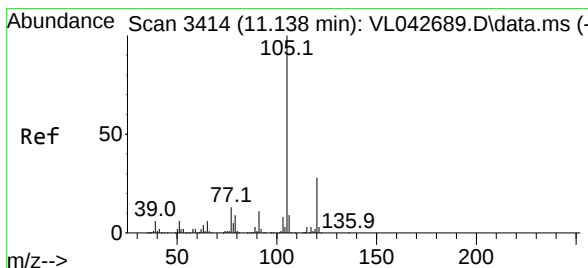
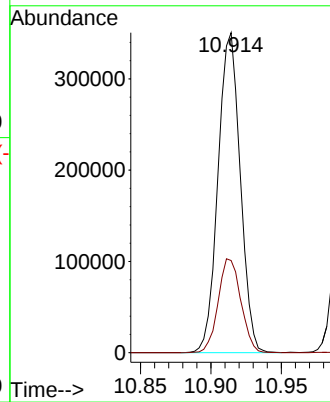
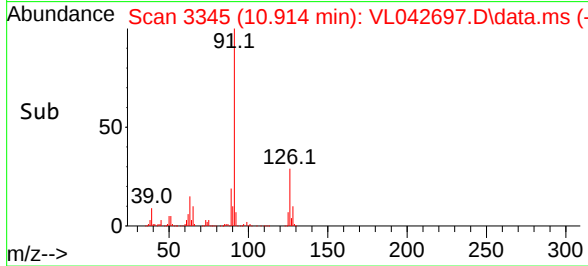
Instrument :
MSVOA_L
ClientSampleId :
ICVVL070225



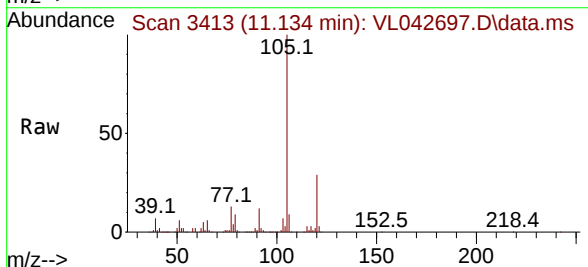
Tgt Ion: 91 Resp: 38548
Ion Ratio Lower Upper
91 100
126 30.0 11.8 47.4

Manual Integrations
APPROVED

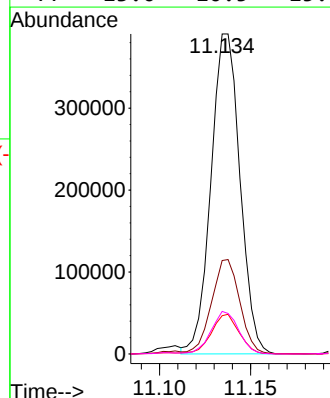
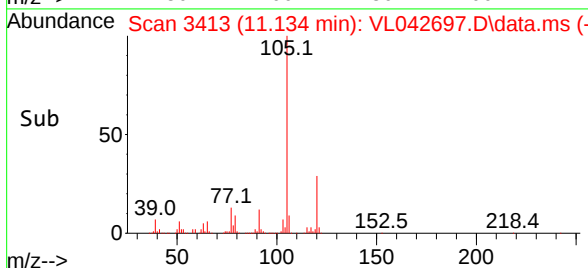
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

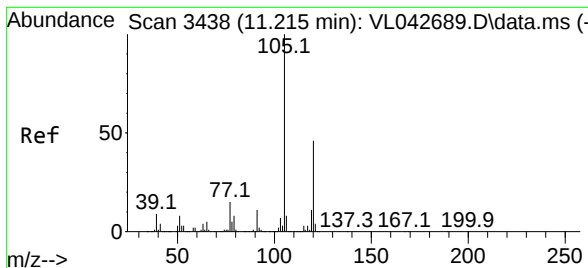


#72
4-Ethyltoluene
Concen: 10.756 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. -0.003 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08



Tgt Ion:105 Resp: 432340
Ion Ratio Lower Upper
105 100
120 29.5 23.8 35.6
91 12.3 9.7 14.5
77 13.0 10.5 15.7





#73

1,3,5-Trimethylbenzene

Concen: 10.631 ppbv

RT: 11.215 min Scan# 3438

Delta R.T. 0.000 min

Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

Instrument :

MSVOA_L

ClientSampleId :

ICVVL070225

Tgt Ion:105 Resp: 360290

Ion Ratio Lower Upper

105 100

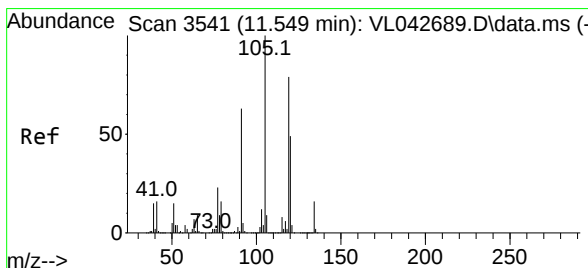
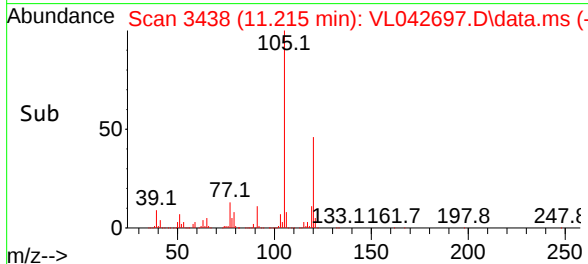
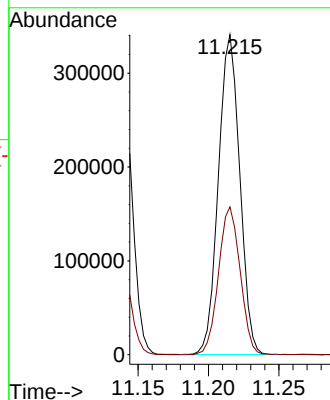
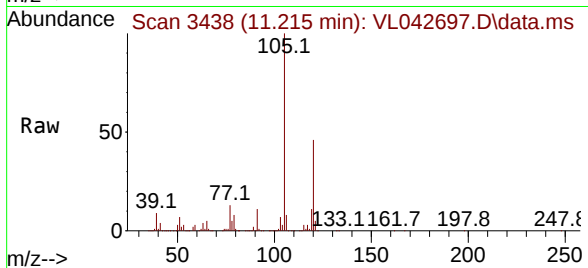
120 46.2 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#74

1,2,4-Trimethylbenzene

Concen: 10.081 ppbv

RT: 11.549 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

Tgt Ion:105 Resp: 389736

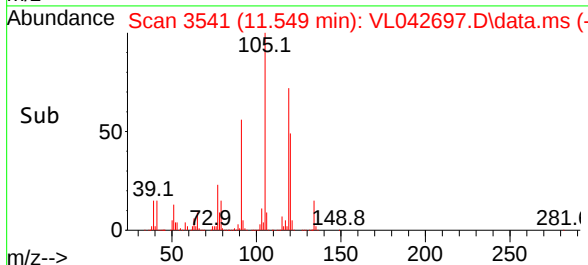
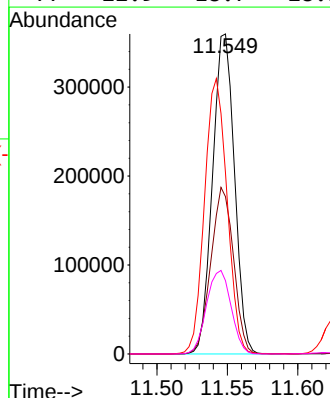
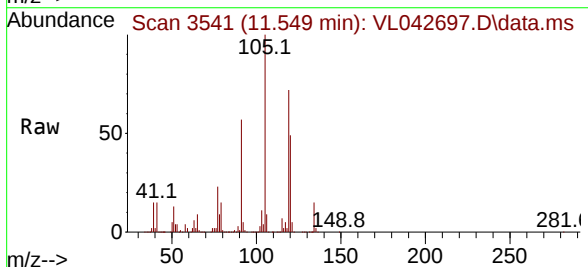
Ion Ratio Lower Upper

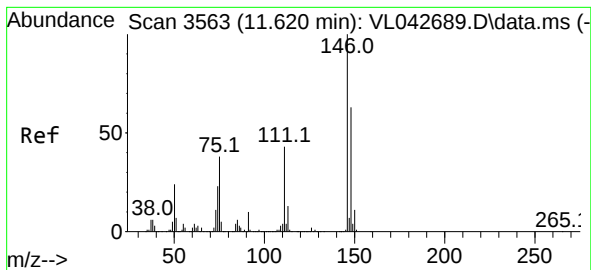
105 100

120 49.1 39.6 59.4

91 56.6 51.0 76.6

77 22.9 18.7 28.1





#75

1,3-Dichlorobenzene

Concen: 9.183 ppbv

RT: 11.620 min Scan# 3563

Delta R.T. 0.000 min

Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

Instrument :

MSVOA_L

ClientSampleId :

ICVVL070225

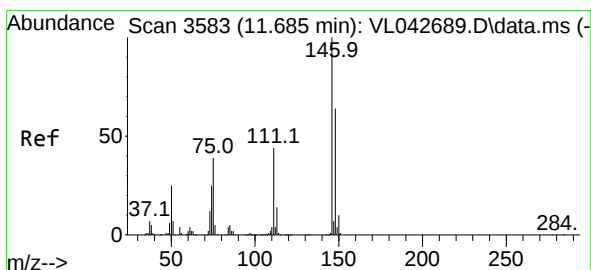
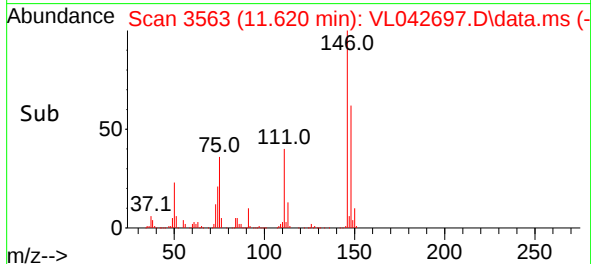
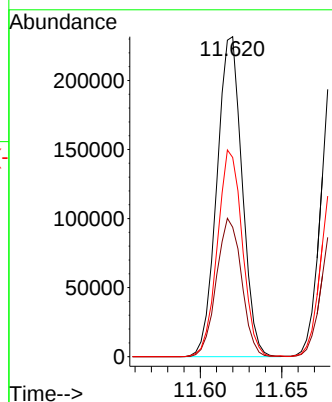
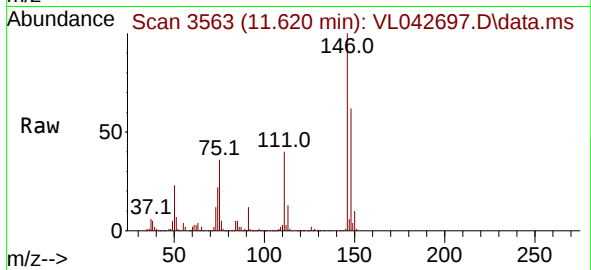
Tgt Ion:146 Resp: 249080

Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.6	65.0
148	63.8	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: 9.475 ppbv

RT: 11.681 min Scan# 3582

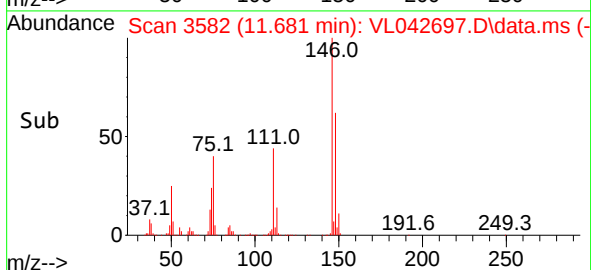
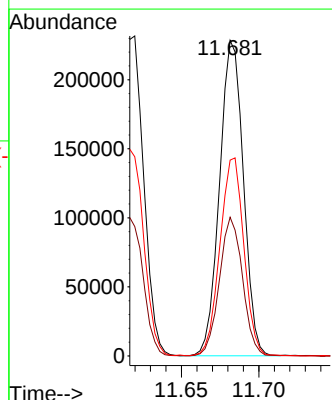
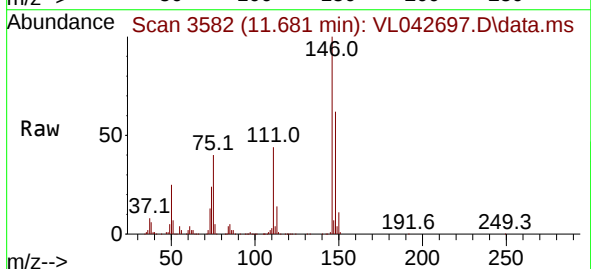
Delta R.T. -0.003 min

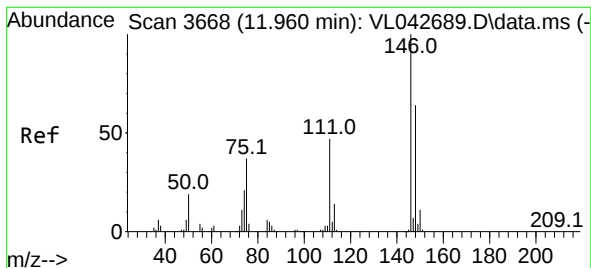
Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

Tgt Ion:146 Resp: 243912

Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.4	64.3
148	63.4	31.8	95.4





#77

1,2-Dichlorobenzene

Concen: 8.718 ppbv

RT: 11.956 min Scan# 30

Delta R.T. -0.003 min

Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

Instrument :

MSVOA_L

ClientSampleId :

ICVVL070225

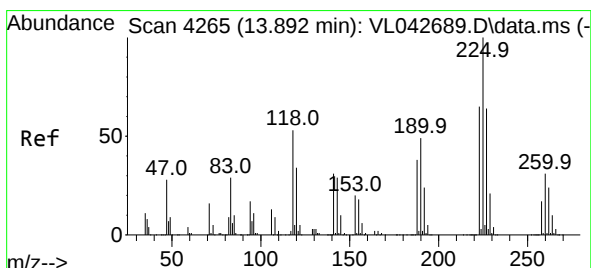
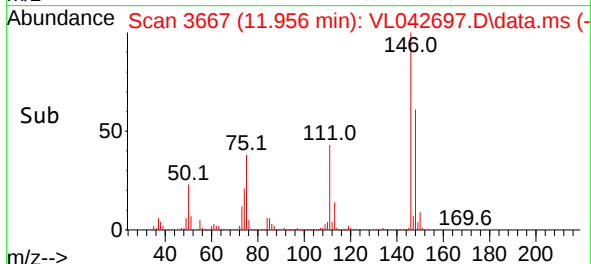
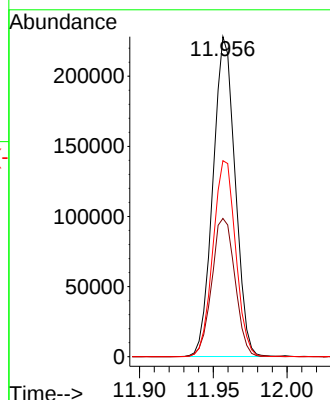
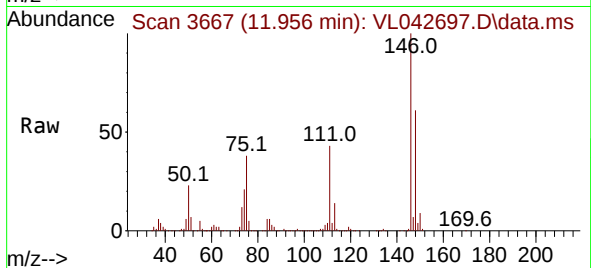
Tgt Ion:146 Resp: 238854

Ion	Ratio	Lower	Upper
146	100		
111	45.1	22.9	68.8
148	62.6	31.9	95.7

Manual Integrations

APPROVED

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



#78

Hexachloro-1,3-Butadiene

Concen: 7.726 ppbv

RT: 13.889 min Scan# 4264

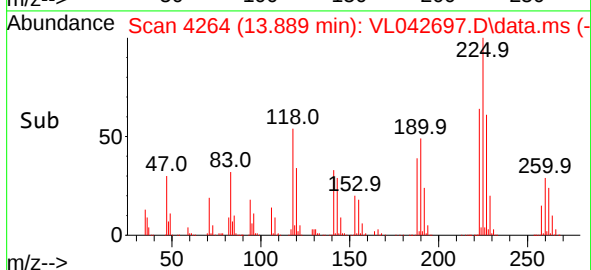
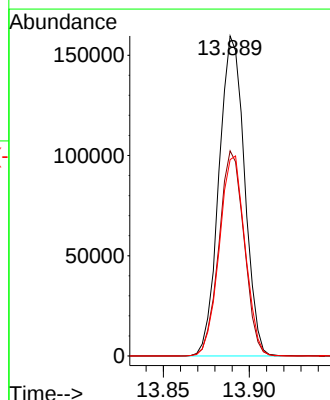
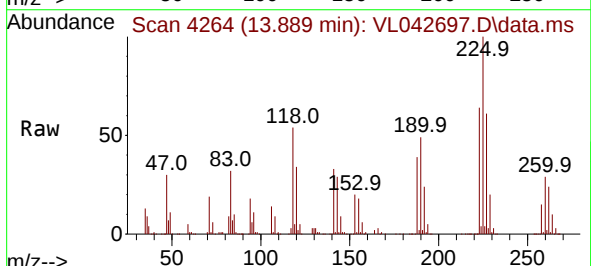
Delta R.T. -0.003 min

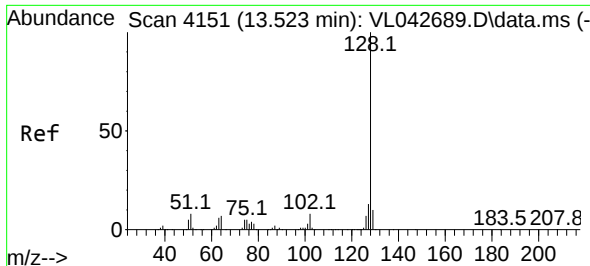
Lab File: VL042697.D

Acq: 02 Jul 2025 13:08

Tgt Ion:225 Resp: 164880

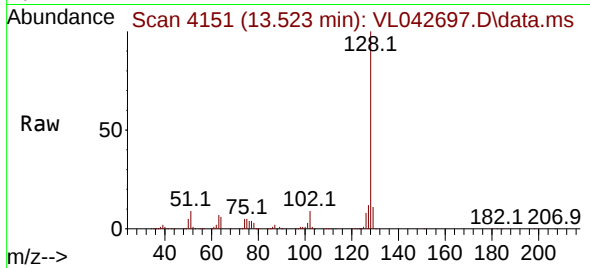
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.5	75.7
227	62.7	50.0	75.0





#79
Naphthalene
Concen: 11.225 ppbv
RT: 13.523 min Scan# 4151
Delta R.T. 0.000 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08

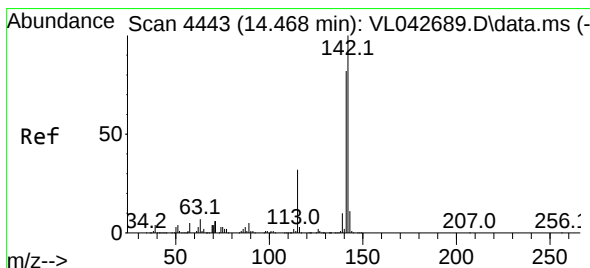
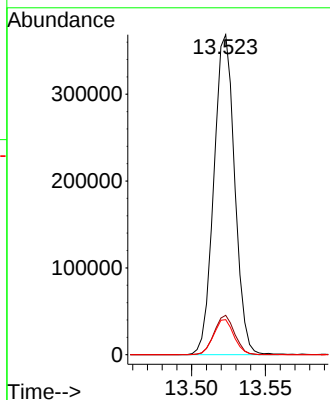
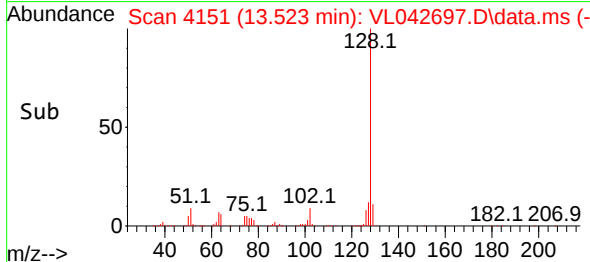
Instrument :
MSVOA_L
ClientSampleId :
ICVVL070225



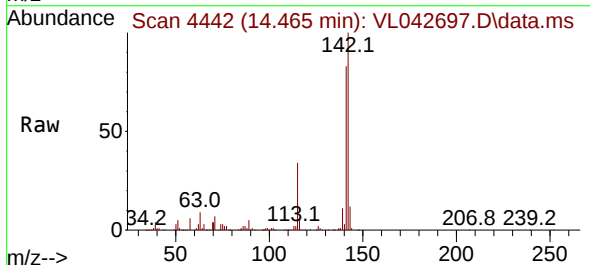
Tgt Ion:128 Resp: 362200
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.4
129 10.9 8.2 12.2

Manual Integrations
APPROVED

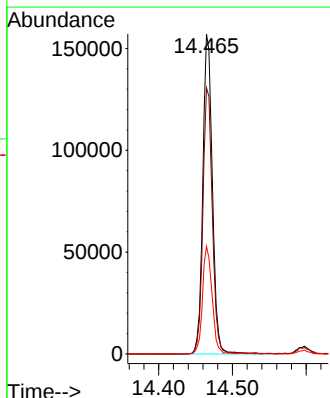
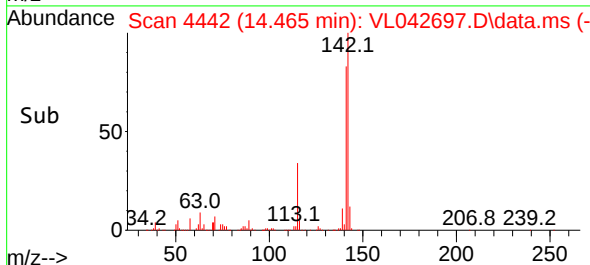
Reviewed By :Semsettin Yesilyurt 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

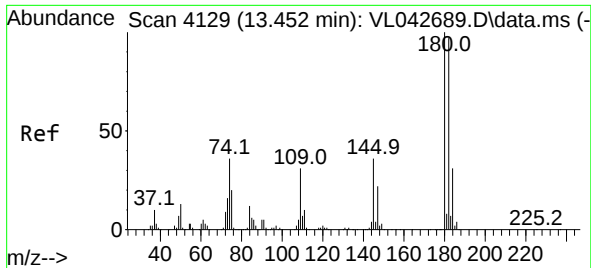


#80
Naphthalene,2-methyl-
Concen: 10.522 ppbv
RT: 14.465 min Scan# 4442
Delta R.T. -0.003 min
Lab File: VL042697.D
Acq: 02 Jul 2025 13:08



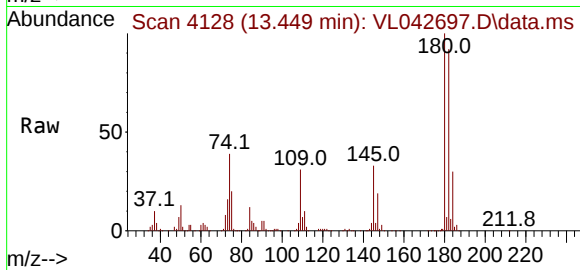
Tgt Ion:142 Resp: 141019
Ion Ratio Lower Upper
142 100
141 82.9 67.4 101.2
115 33.7 26.9 40.3





#81
 1,2,4-Trichlorobenzene
 Concen: 9.827 ppbv
 RT: 13.449 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL042697.D
 Acq: 02 Jul 2025 13:08

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL070225



Tgt Ion:180 Resp: 184782
 Ion Ratio Lower Upper
 180 100
 182 96.9 76.7 115.1
 184 30.2 24.4 36.6

Manual Integrations
 APPROVED

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

